

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021420\
 Data File : BF118933.D
 Acq On : 14 Feb 2020 15:49
 Operator : CG/JU
 Sample : PB126820BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 03:35:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 14 00:49:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	165435	20.00	ng	-0.04
21) Naphthalene-d8	8.06	136	629005	20.00	ng	-0.05
39) Acenaphthene-d10	9.81	164	353577	20.00	ng	-0.05
64) Phenanthrene-d10	11.30	188	670136	20.00	ng	-0.04
76) Chrysene-d12	13.93	240	501502	20.00	ng	-0.05
87) Perylene-d12	15.36	264	462362	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1528770	174.92	ng	-0.02
7) Phenol-d6	6.42	99	1898431	174.99	ng	-0.03
23) Nitrobenzene-d5	7.34	82	813200	77.06	ng	-0.04
42) 2,4,6-Tribromophenol	10.60	330	517149	122.24	ng	-0.04
45) 2-Fluorobiphenyl	9.13	172	1639781	82.91	ng	-0.05
79) Terphenyl-d14	12.88	244	2584065	105.84	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	245760	61.704	ng	99
3) Pyridine	3.32	79	587504	53.121	ng	99
4) n-Nitrosodimethylamine	3.25	42	257468	63.941	ng	99
6) Aniline	6.44	93	665328	47.616	ng	# 36
8) 2-Chlorophenol	6.57	128	655042	67.291	ng	99
9) Benzaldehyde	6.32	77	311677	59.560	ng	95
10) Phenol	6.43	94	760314	63.028	ng	82
11) bis(2-Chloroethyl)ether	6.52	93	564960	61.215	ng	99
12) 1,3-Dichlorobenzene	6.72	146	615805	53.146	ng	98
13) 1,4-Dichlorobenzene	6.79	146	532778	46.097	ng	99
14) 1,2-Dichlorobenzene	6.95	146	499481	45.240	ng	99
15) Benzyl Alcohol	6.92	79	403686	48.139	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	474764	42.007	ng	96
17) 2-Methylphenol	7.04	107	397125	49.069	ng	97
18) Hexachloroethane	7.29	117	188198	45.368	ng	95
19) n-Nitroso-di-n-propylamine	7.19	70	302672	45.597	ng	98
20) 3+4-Methylphenols	7.19	107	471069	46.437	ng	94
22) Acetophenone	7.19	105	618797	45.280	ng	99
24) Nitrobenzene	7.36	77	496183	47.066	ng	100
25) Isophorone	7.60	82	876998	46.241	ng	98
26) 2-Nitrophenol	7.67	139	271922	48.406	ng	98
27) 2,4-Dimethylphenol	7.72	122	418552	54.849	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	534329	43.448	ng	98
29) 2,4-Dichlorophenol	7.92	162	425533	46.564	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	474064	44.381	ng	99
31) Naphthalene	8.08	128	1383150	48.079	ng	99
32) Benzoic acid	7.86	122	265187	41.973	ng	98
33) 4-Chloroaniline	8.13	127	348553	27.081	ng	99
34) Hexachlorobutadiene	8.20	225	279198	42.663	ng	99
35) Caprolactam	8.50	113	76974	25.982	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	435431	47.346	ng	99
37) 2-Methylnaphthalene	8.77	142	947167	47.472	ng	97
38) 1-Methylnaphthalene	8.87	142	889134	47.372	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	459602	43.070	ng	99

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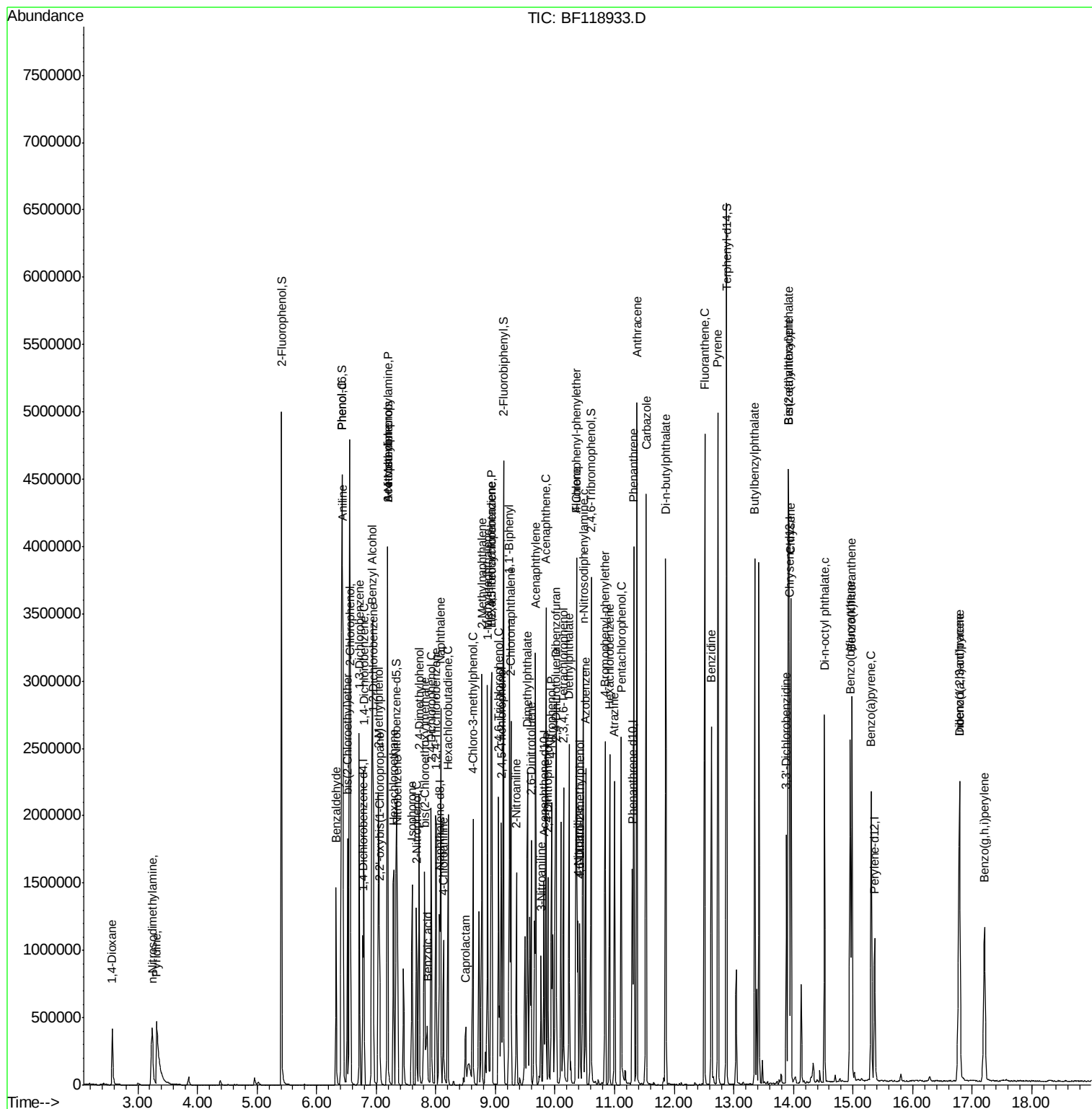
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41) Hexachlorocyclopentadiene	8.93	237	429524	102.650	nq	99
43) 2,4,6-Trichlorophenol	9.05	196	313283	43.902	nq	98
44) 2,4,5-Trichlorophenol	9.10	196	332636	45.621	nq	98
46) 1,1'-Biphenyl	9.23	154	1129018	46.161	nq	99
47) 2-Chloronaphthalene	9.26	162	921551	45.322	nq	99
48) 2-Nitroaniline	9.36	65	258544	44.086	nq	96
49) Acenaphthylene	9.67	152	1423750	48.495	nq	98
50) Dimethylphthalate	9.54	163	1079290	44.830	nq	99
51) 2,6-Dinitrotoluene	9.60	165	254064	46.121	nq	98
52) Acenaphthene	9.85	154	821995	42.489	nq	99
53) 3-Nitroaniline	9.76	138	174221	28.517	nq	92
54) 2,4-Dinitrophenol	9.88	184	227293	85.829	nq	96
55) Dibenzofuran	10.02	168	1257507	44.978	nq	98
56) 4-Nitrophenol	9.95	139	378667	85.641	nq	95
57) 2,4-Dinitrotoluene	10.00	165	338991	46.501	nq	# 86
58) Fluorene	10.36	166	970772	46.154	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	280356	44.028	nq	97
60) Diethylphthalate	10.24	149	1027333	43.884	nq	98
61) 4-Chlorophenyl-phenylether	10.35	204	495935	43.477	nq	97
62) 4-Nitroaniline	10.39	138	260419	42.566	nq	97
63) Azobenzene	10.51	77	922519	46.158	nq	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	178301	47.350	nq	99
66) n-Nitrosodiphenylamine	10.47	169	896530	46.186	nq	99
67) 4-Bromophenyl-phenylether	10.84	248	340408	42.940	nq	98
68) Hexachlorobenzene	10.92	284	387772	42.646	nq	95
69) Atrazine	11.00	200	322633	49.889	nq	99
70) Pentachlorophenol	11.11	266	362739	75.553	nq	98
71) Phenanthrene	11.32	178	1497199	45.409	nq	99
72) Anthracene	11.37	178	1972165	60.125	nq	99
73) Carbazole	11.53	167	1725756	59.950	nq	99
74) Di-n-butylphthalate	11.86	149	1950390	53.187	nq	99
75) Fluoranthene	12.51	202	2168670	60.242	nq	100
77) Benzidine	12.63	184	1099148	72.464	nq	99
78) Pyrene	12.73	202	2225512	64.687	nq	99
80) Butylbenzylphthalate	13.35	149	876680	55.828	nq	99
81) Benzo(a)anthracene	13.92	228	1382807	46.337	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	395307	32.388	nq	98
83) Chrysene	13.96	228	1373688	45.864	nq	97
84) Bis(2-ethylhexyl)phthalate	13.91	149	820189	41.168	nq	98
85) Di-n-octyl phthalate	14.52	149	1359664	39.837	nq	99
86) Indeno(1,2,3-cd)pyrene	16.78	276	1198340	39.821	nq	99
88) Benzo(b)fluoranthene	14.95	252	1392836	48.547	nq	99
89) Benzo(k)fluoranthene	14.98	252	1186353	47.485	nq	99
90) Benzo(a)pyrene	15.30	252	1127934	45.938	nq	98
91) Dibenzo(a,h)anthracene	16.79	278	1000948	45.921	nq	98
92) Benzo(g,h,i)perylene	17.20	276	1011274	48.242	nq	100

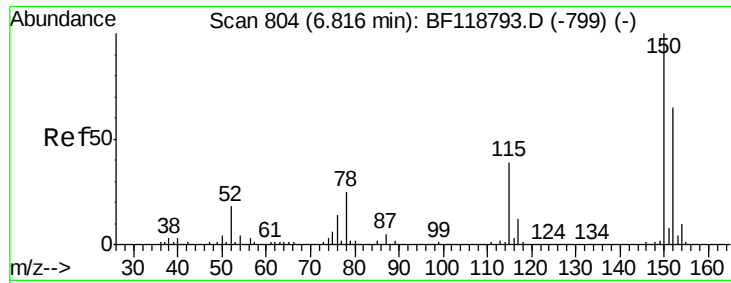
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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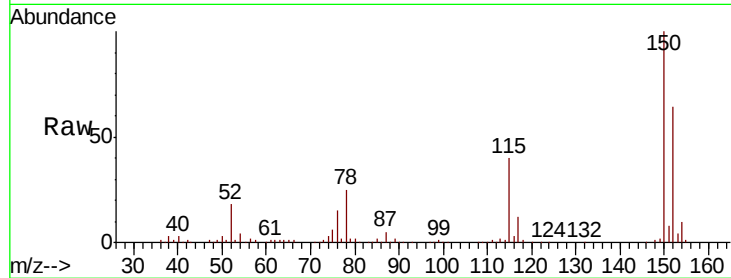


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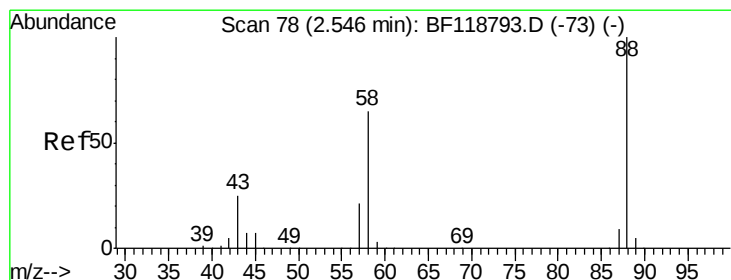
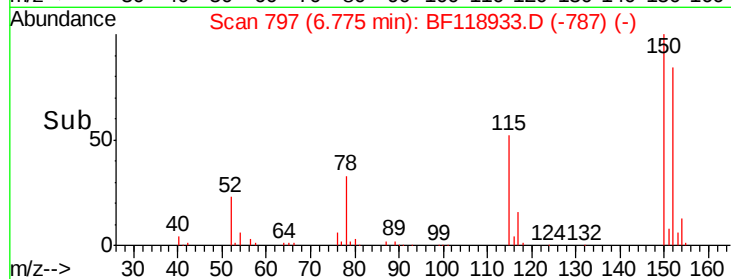
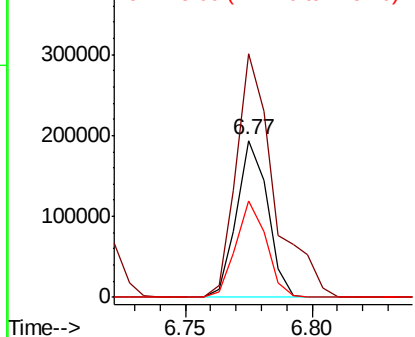
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165435
Ion Ratio Lower Upper
152 100
150 155.1 123.6 185.4
115 61.5 48.2 72.2



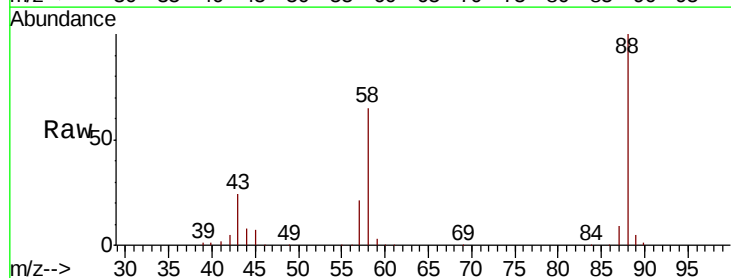
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



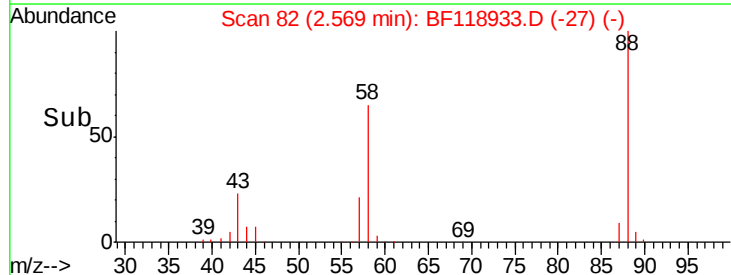
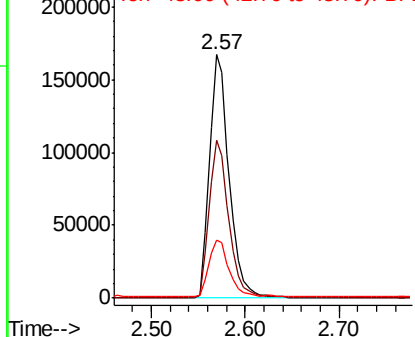
#2

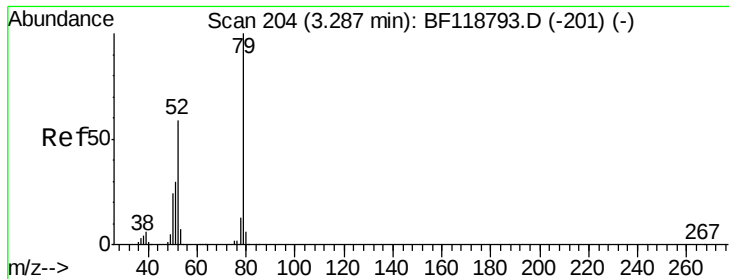
1,4-Dioxane
Concen: 61.704 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.02 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion: 88 Resp: 245760
Ion Ratio Lower Upper
88 100
58 65.4 51.6 77.4
43 24.1 19.8 29.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 53.121 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.03 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

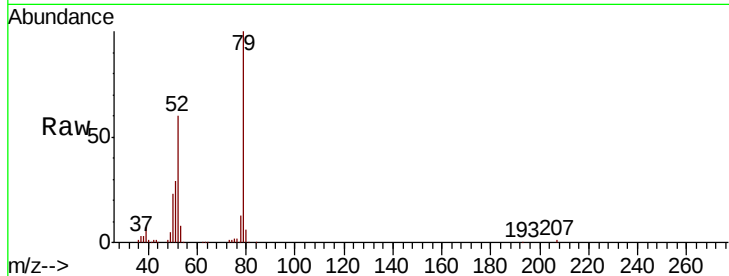
Tot Ion: 79 Resp: 587504

Ion Ratio Lower Upper

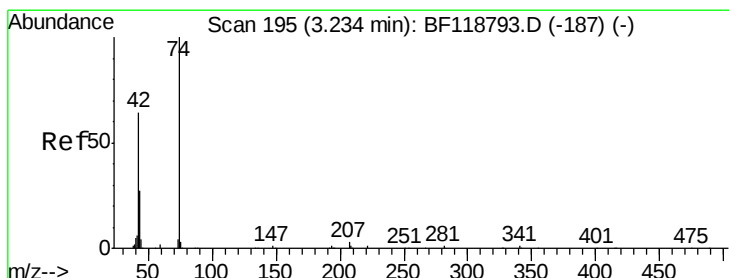
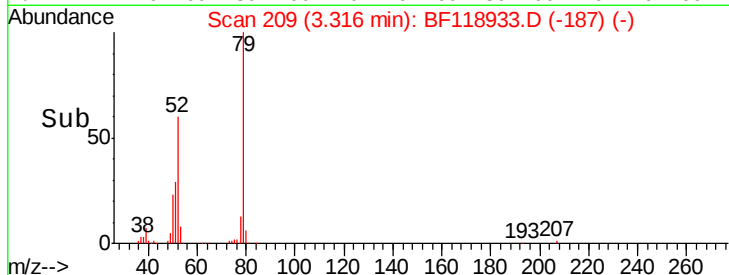
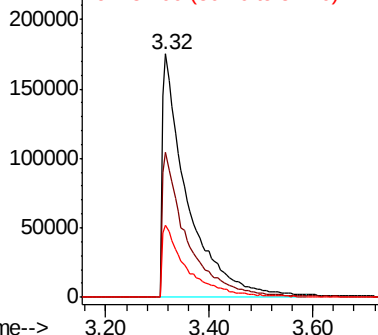
79 100

52 59.6 47.4 71.0

51 29.4 24.2 36.4



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 63.941 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

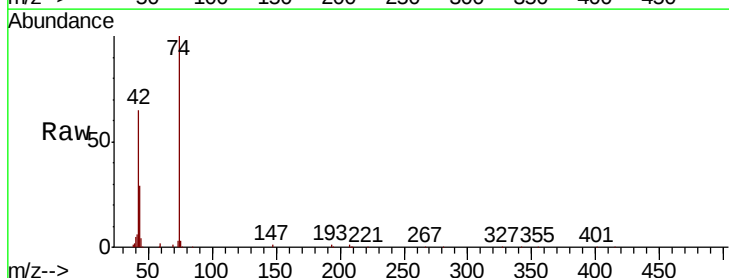
Tgt Ion: 42 Resp: 257468

Ion Ratio Lower Upper

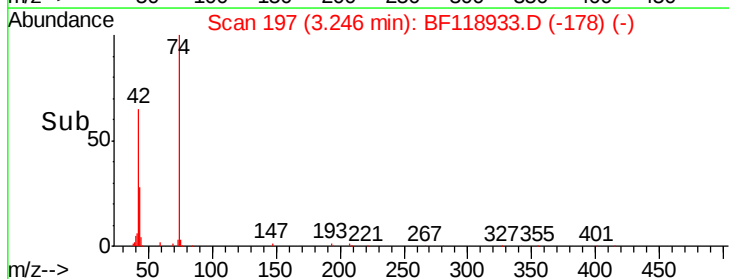
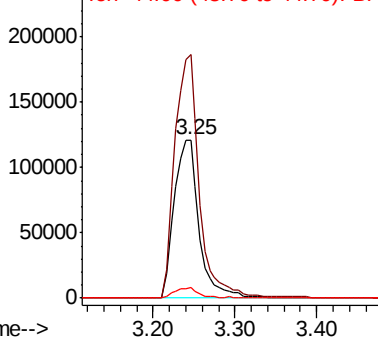
42 100

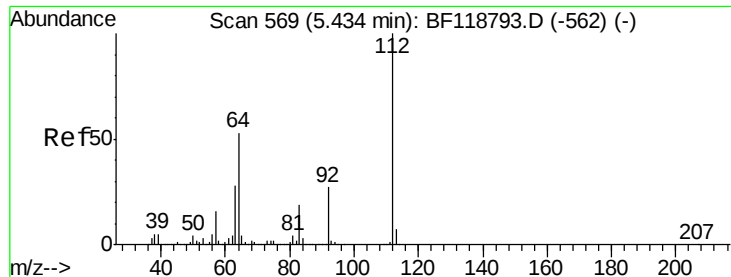
74 153.7 124.3 186.5

44 6.7 5.3 7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 174.924 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.02 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

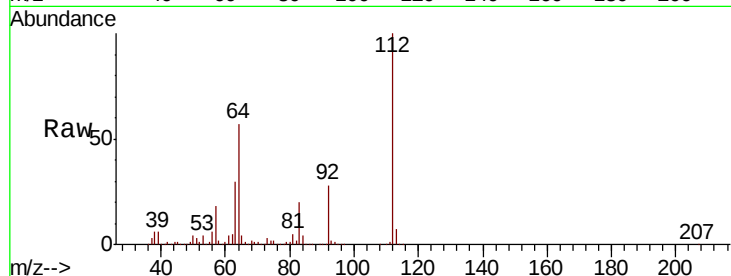
Tot Ion:112 Resp: 1528770

Ion Ratio Lower Upper

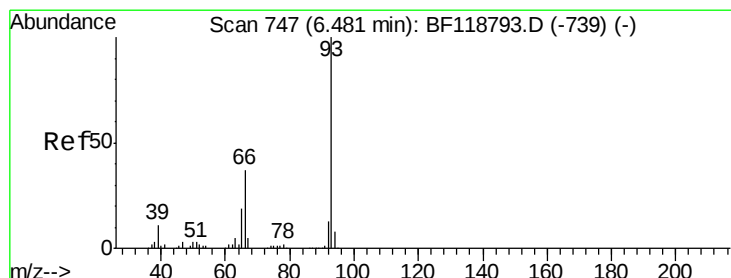
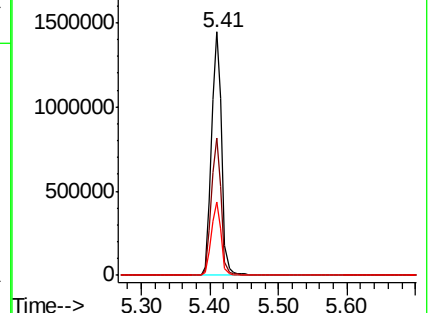
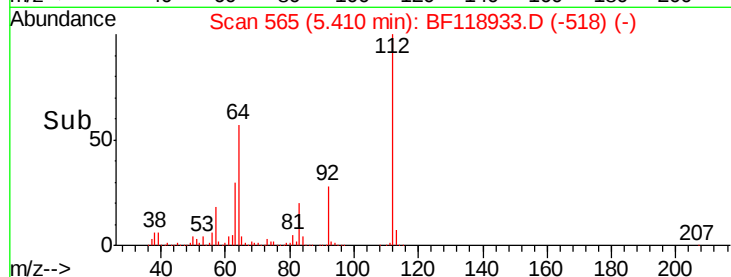
112 100

64 56.6 42.6 63.8

63 30.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 47.616 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

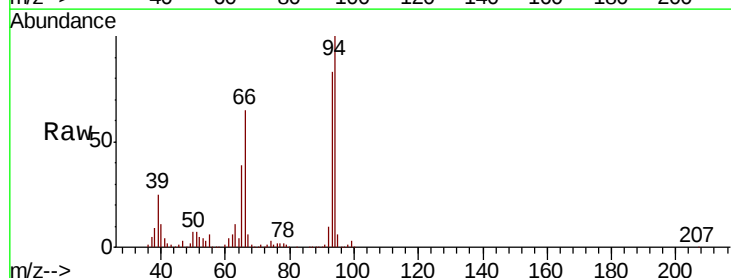
Tgt Ion: 93 Resp: 665328

Ion Ratio Lower Upper

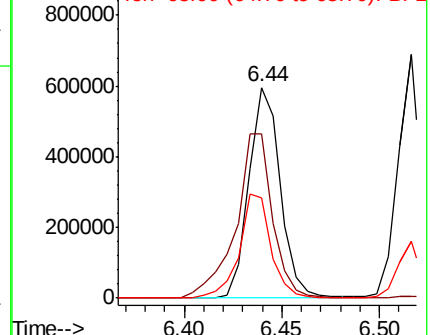
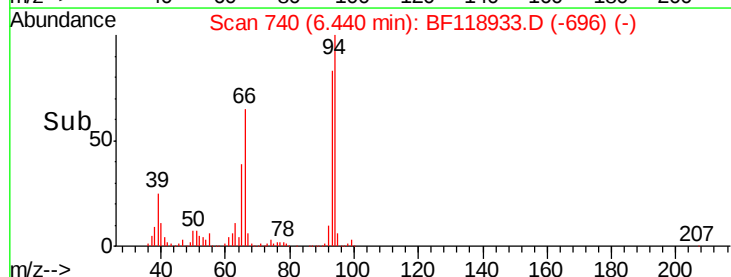
93 100

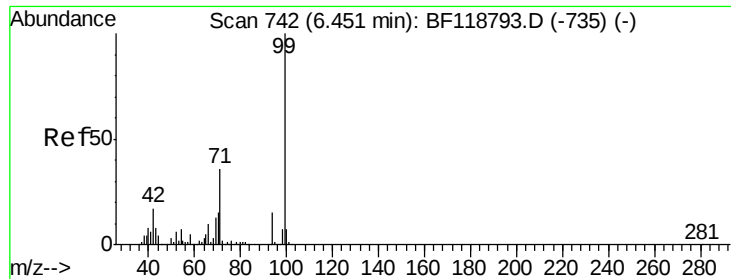
66 77.8 30.8 46.2#

65 47.3 15.4 23.0#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 174.987 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF118933.D

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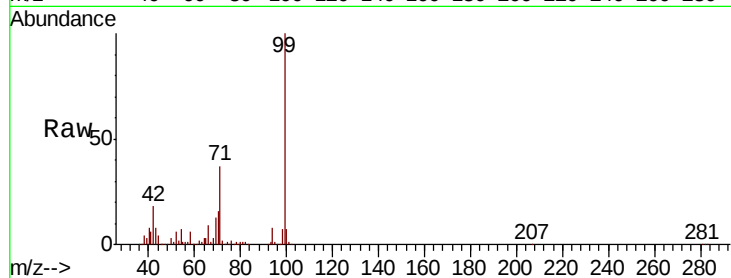
Tot Ion: 99 Resp: 1898431

Ion Ratio Lower Upper

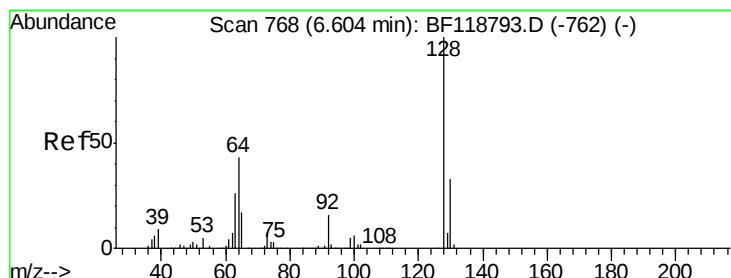
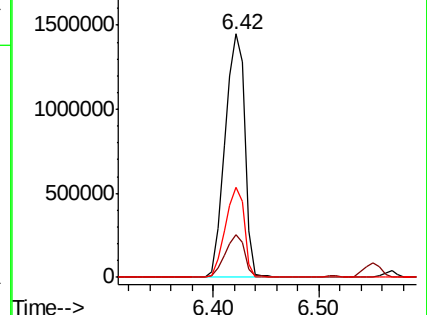
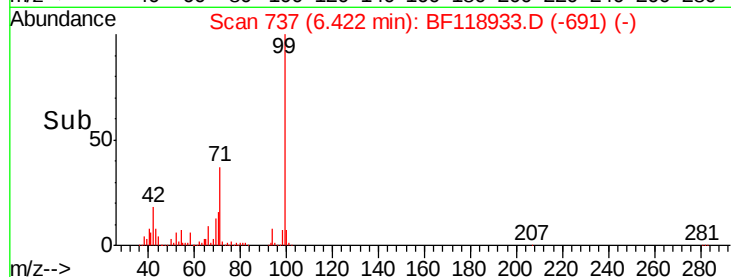
99 100

42 17.6 13.4 20.0

71 37.1 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 67.291 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

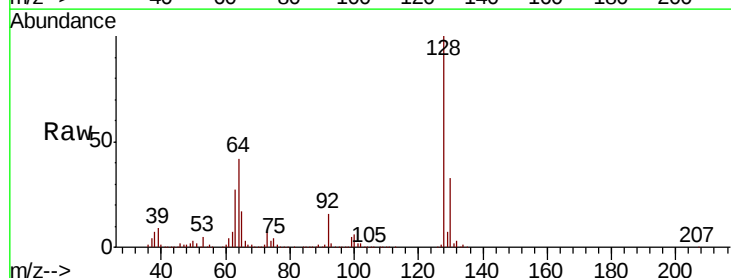
Tgt Ion: 128 Resp: 655042

Ion Ratio Lower Upper

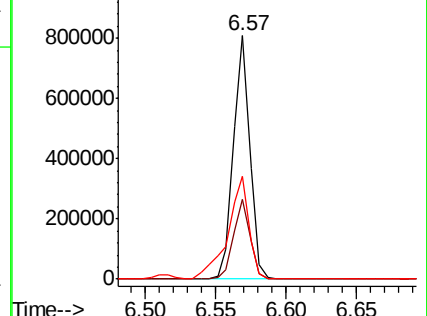
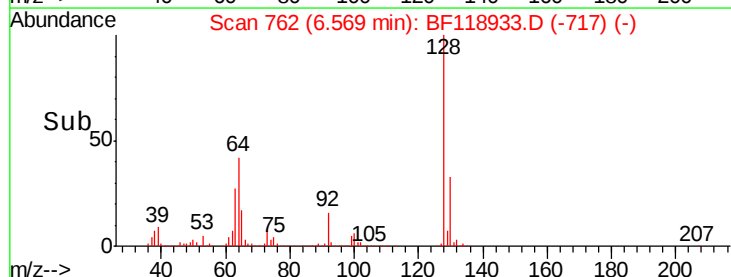
128 100

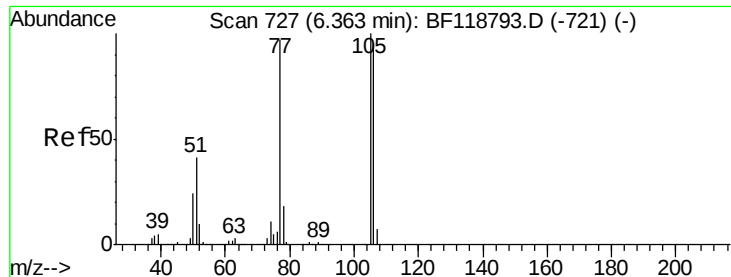
130 32.9 13.1 53.1

64 42.0 23.0 63.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 59.560 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.04 min

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ClientSampleId :

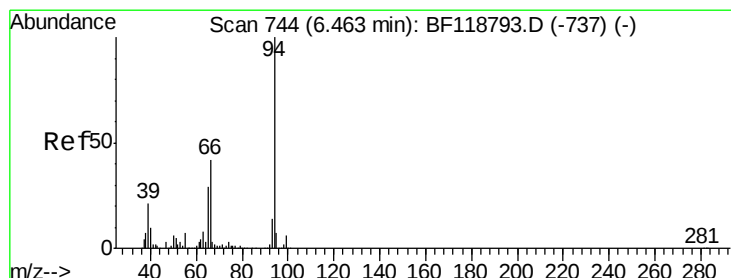
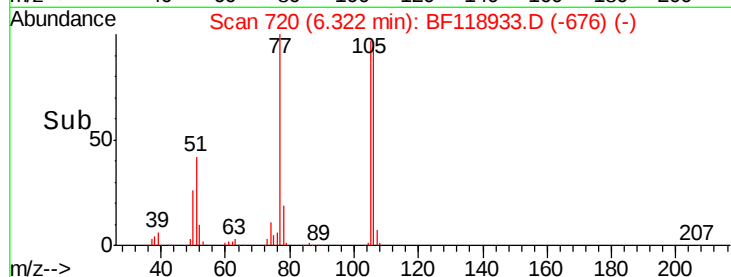
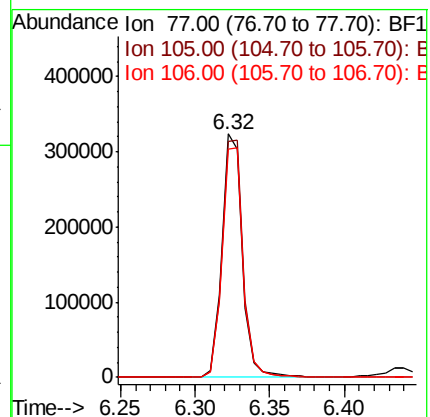
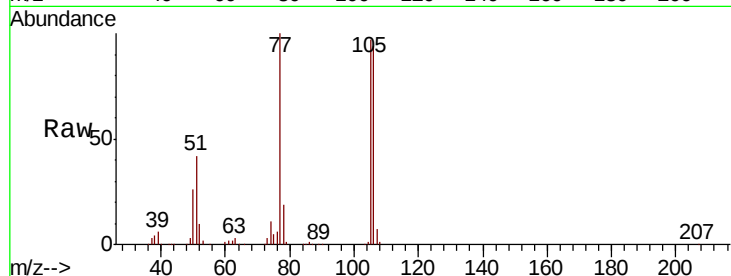
Tot Ion: 77 Resp: 311677

Ion Ratio Lower Upper

77 100

105 97.0 82.8 122.8

106 93.9 78.1 118.1



#10

Phenol

Concen: 63.028 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

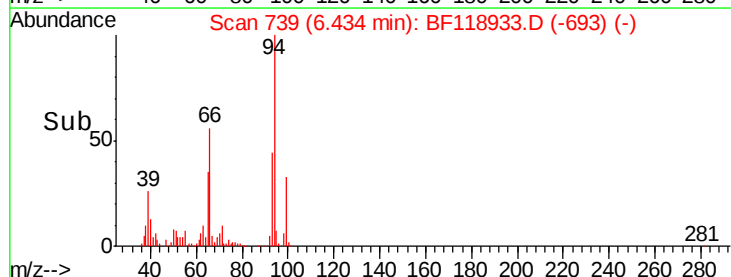
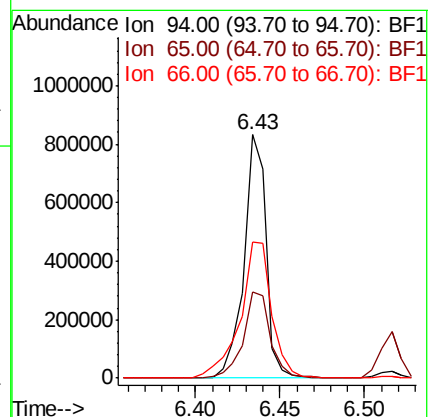
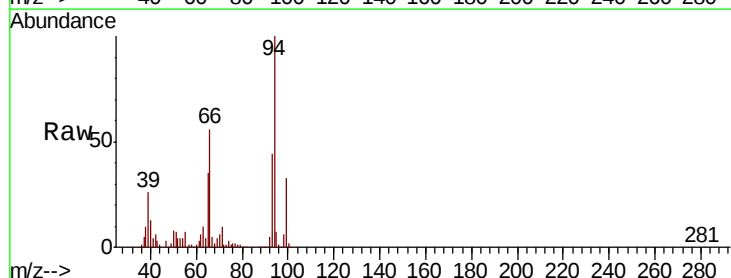
Tgt Ion: 94 Resp: 760314

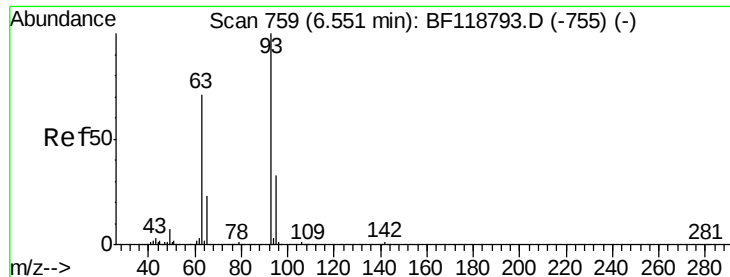
Ion Ratio Lower Upper

94 100

65 35.4 9.1 49.1

66 55.6 21.7 61.7

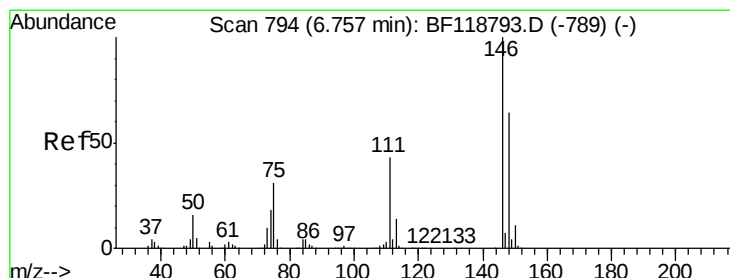
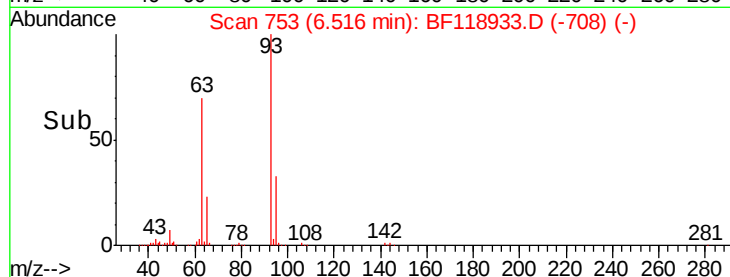
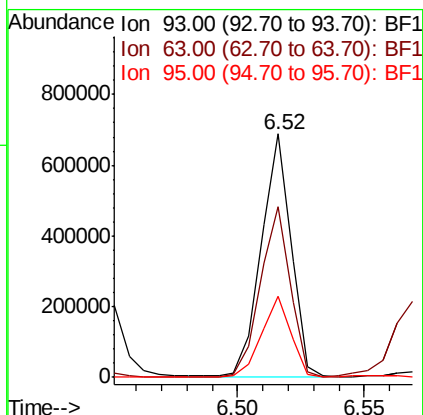
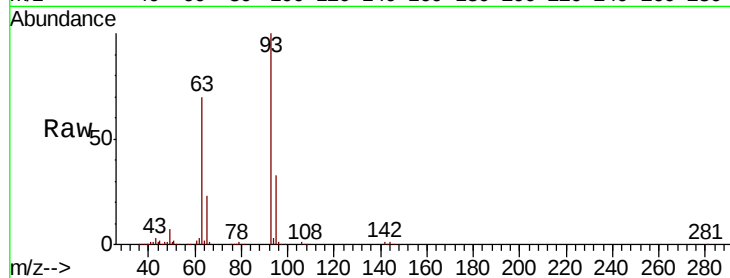




#11
bis(2-Chloroethyl)ether
Concen: 61.215 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

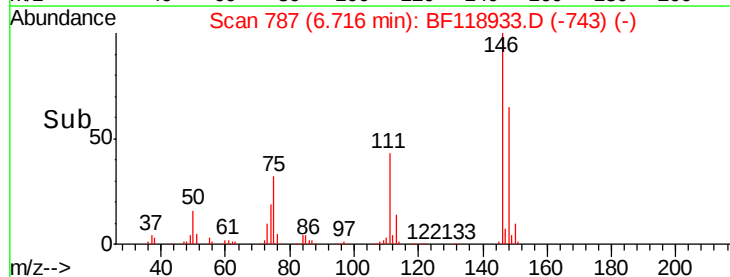
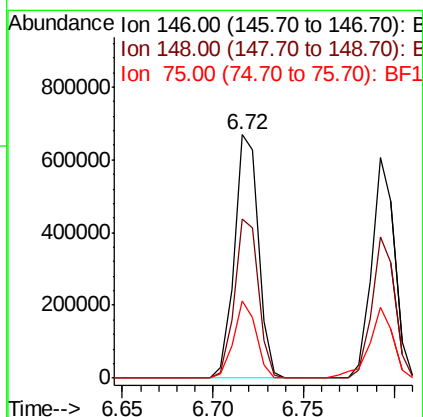
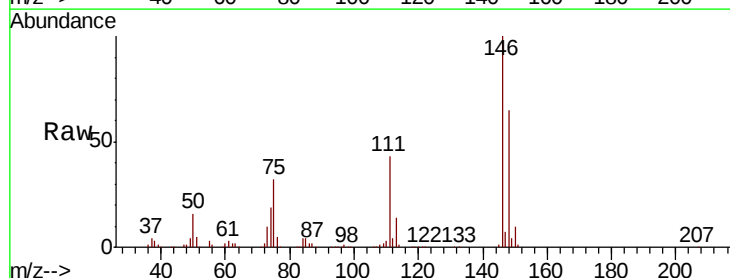
Instrument :
BNA_F
ClientSampleId :

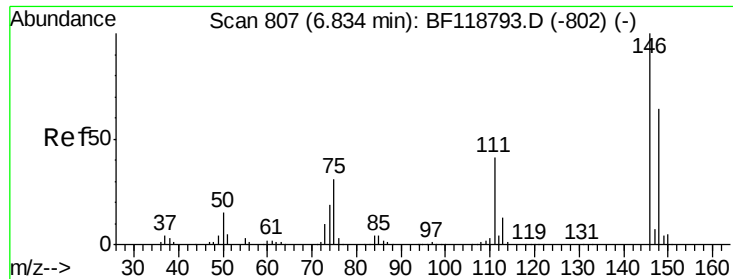
Tot Ion:	93	Resp:	564960
Ion	Ratio	Lower	Upper
93	100		
63	70.0	50.7	90.7
95	33.3	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 53.146 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:	146	Resp:	615805
Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
75	32.0	25.0	37.4

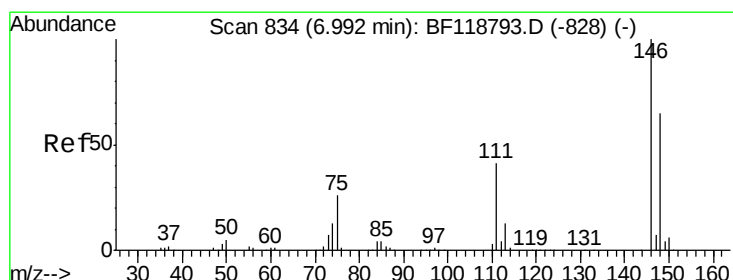
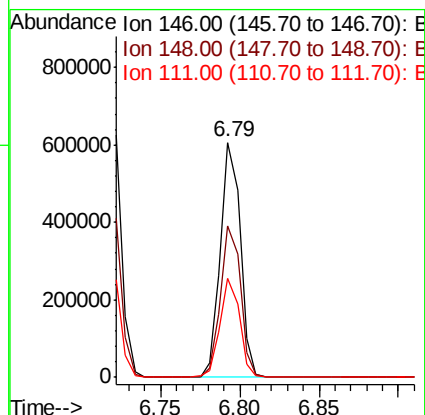
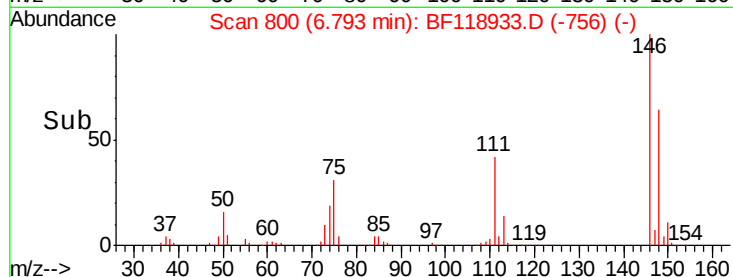
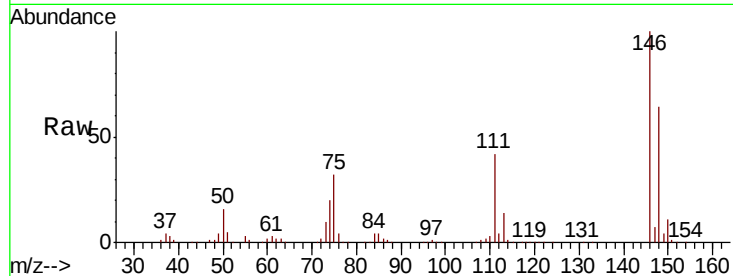




#13
 1,4-Dichlorobenzene
 Concen: 46.097 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

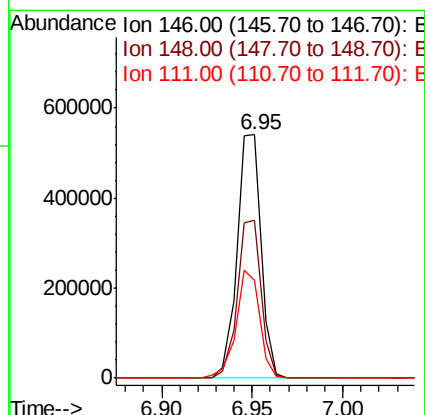
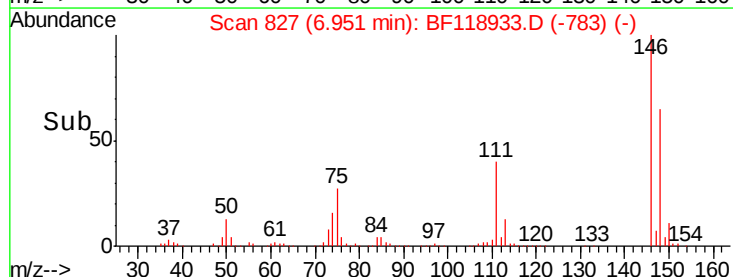
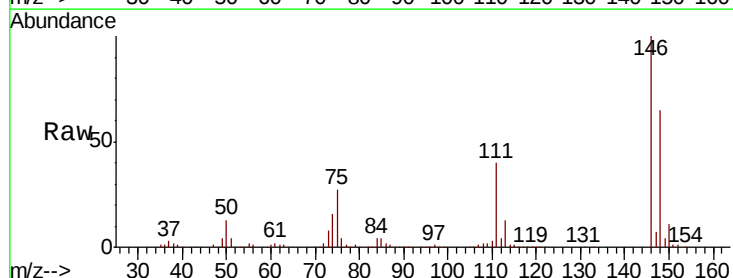
Instrument :
 BNA_F
 ClientSampleId :

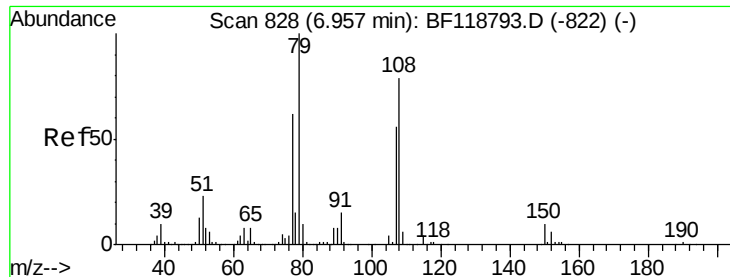
Tot Ion:146 Resp: 532778
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 42.2 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 45.240 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion:146 Resp: 499481
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 40.2 32.7 49.1





#15

Benzyl Alcohol

Concen: 48.139 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

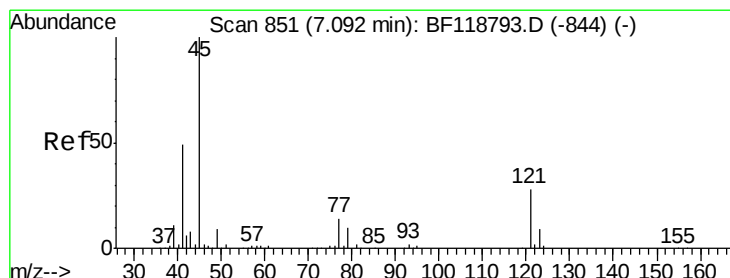
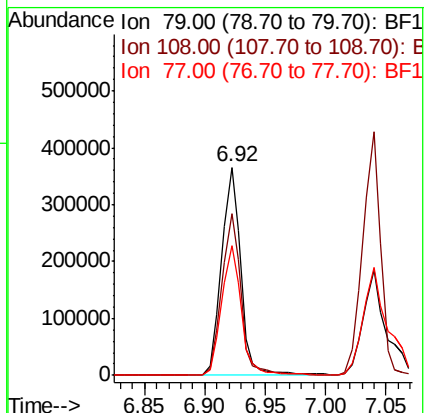
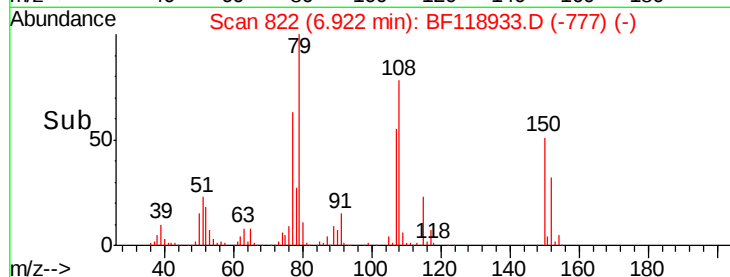
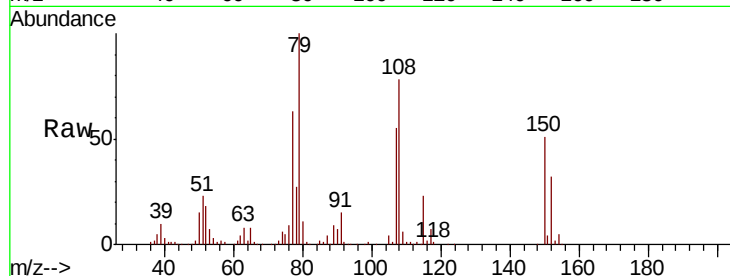
Tot Ion: 79 Resp: 403686

Ion Ratio Lower Upper

79 100

108 77.7 62.9 94.3

77 62.5 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.007 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

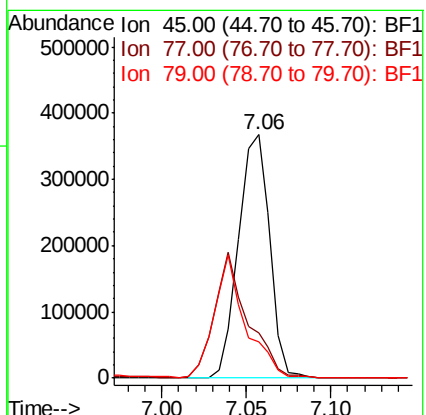
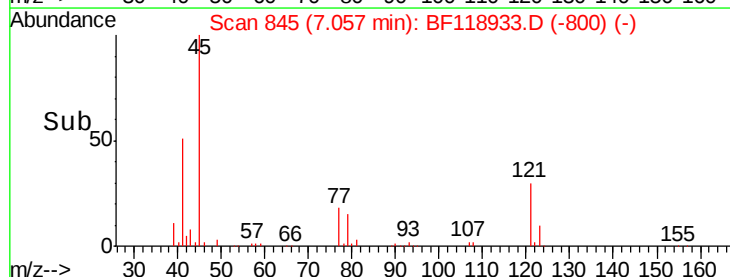
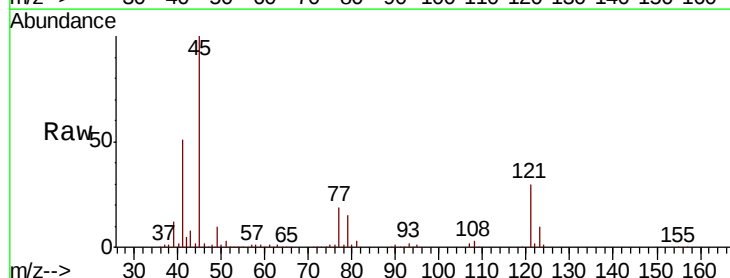
Tgt Ion: 45 Resp: 474764

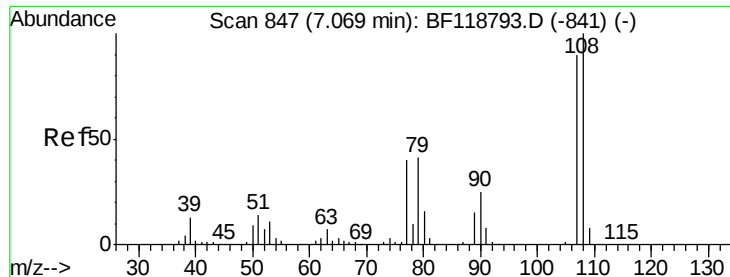
Ion Ratio Lower Upper

45 100

77 18.5 0.0 37.1

79 14.8 0.0 33.1

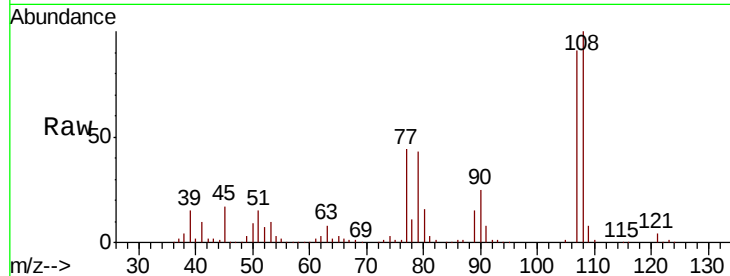




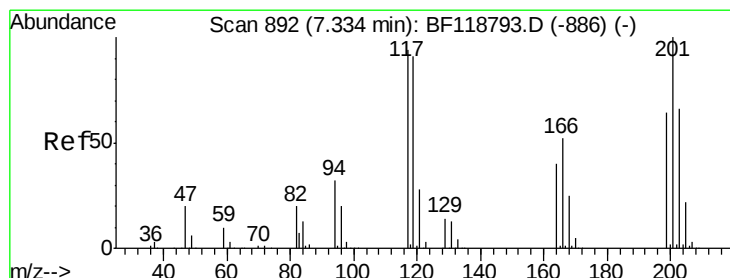
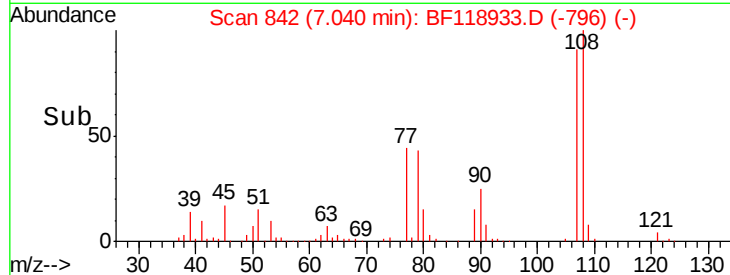
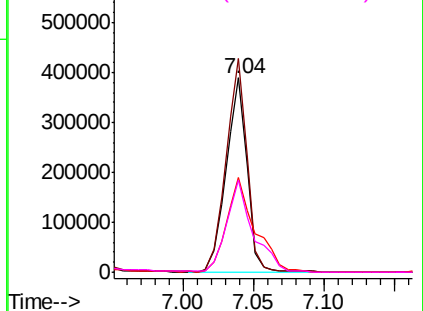
#17
2-Methylphenol
Concen: 49.069 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	397125
Ion	Ratio	Lower	Upper
107	100		
108	110.1	89.3	133.9
77	48.7	36.2	54.2
79	47.8	36.3	54.5

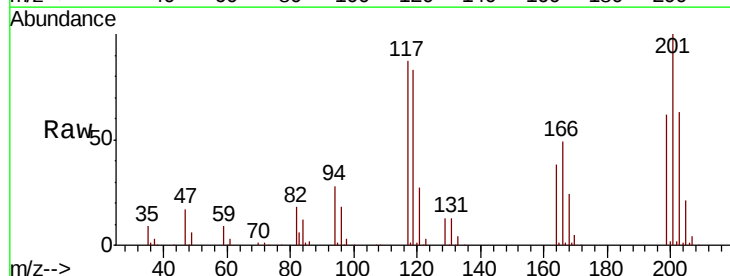


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

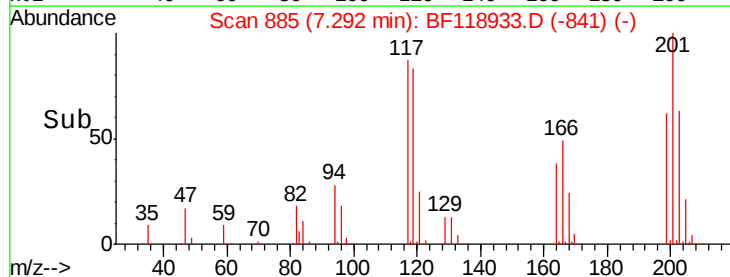
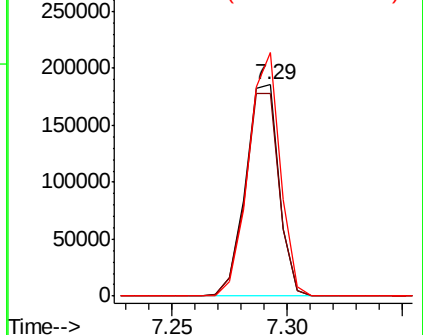


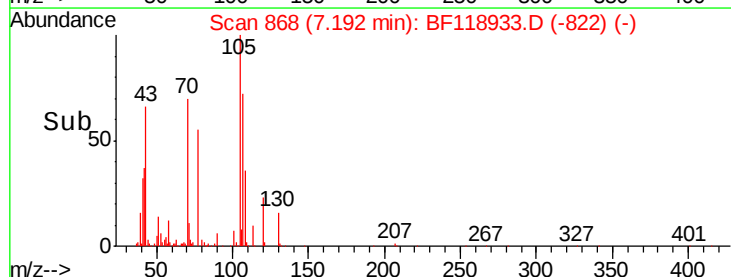
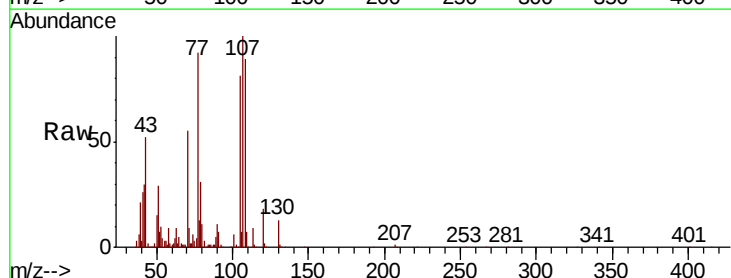
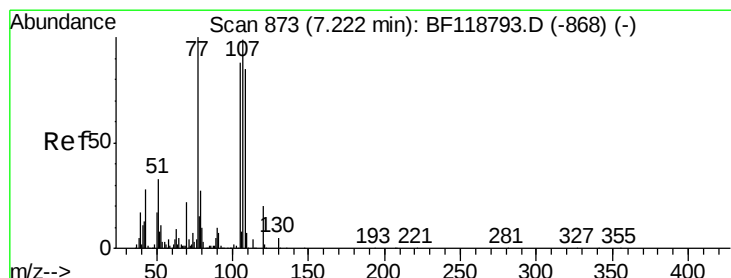
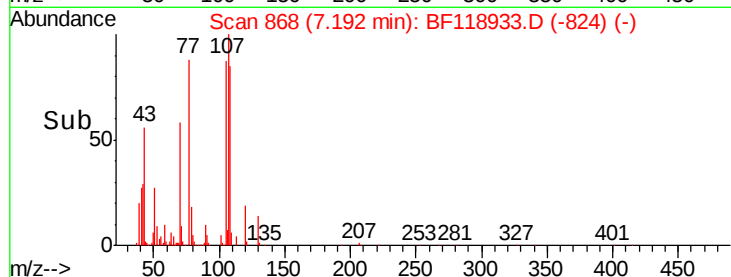
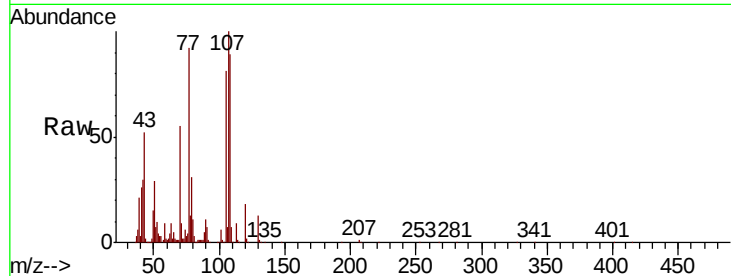
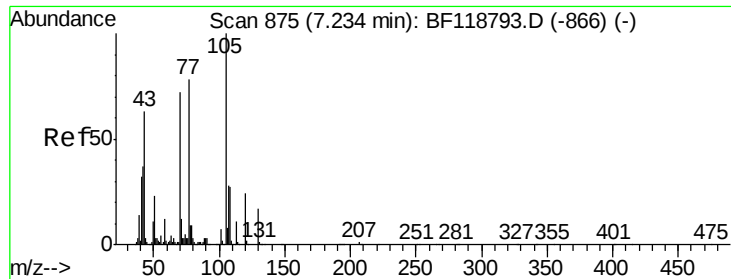
#18
Hexachloroethane
Concen: 45.368 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:	117	Resp:	188198
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	115.4	85.1	127.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

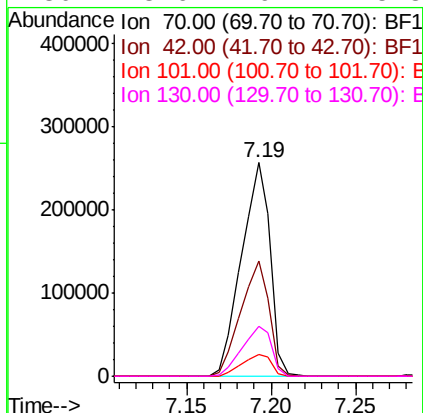




#19
n-Nitroso-di-n-propylamine
Concen: 45.597 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

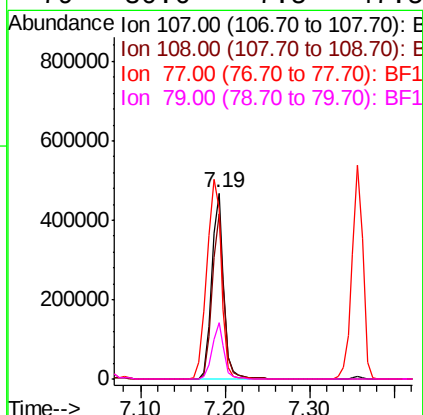
Instrument :
BNA_F
ClientSampleId :

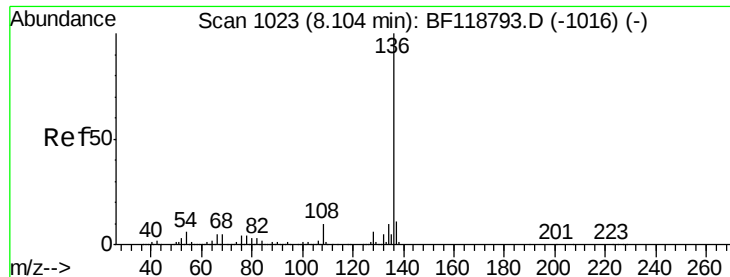
Tot Ion:	70	Resp:	302672
Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.5	62.3
101	10.3	8.3	12.5
130	23.6	19.2	28.8



#20
3+4-Methylphenols
Concen: 46.437 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:	107	Resp:	471069
Ion	Ratio	Lower	Upper
107	100		
108	89.2	65.9	105.9
77	91.8	80.9	120.9
79	30.6	7.5	47.5

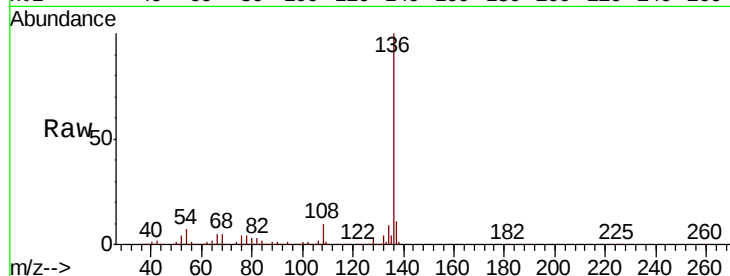




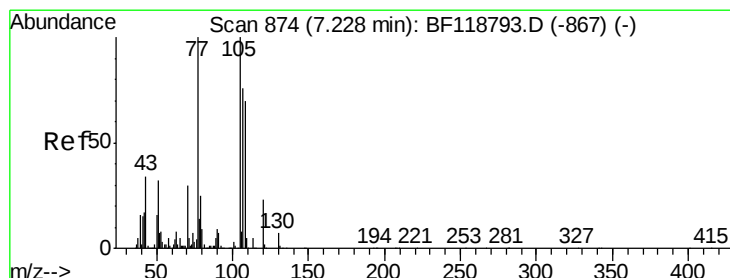
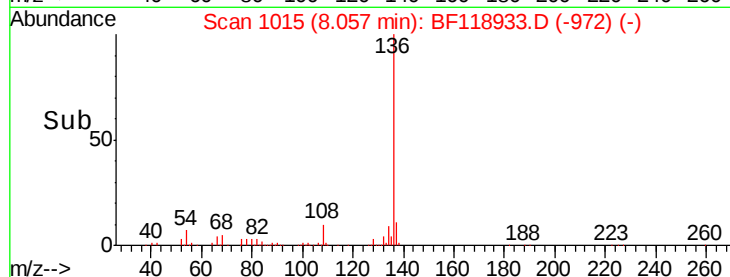
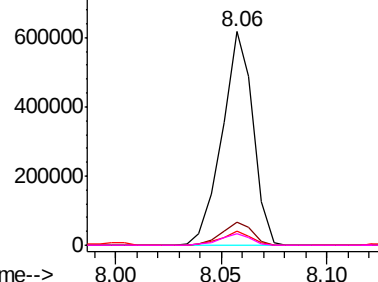
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 629005
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 6.6	5.0 7.6
68 5.4	4.2 6.4

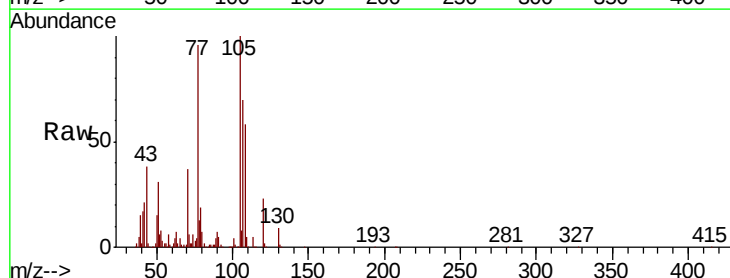


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

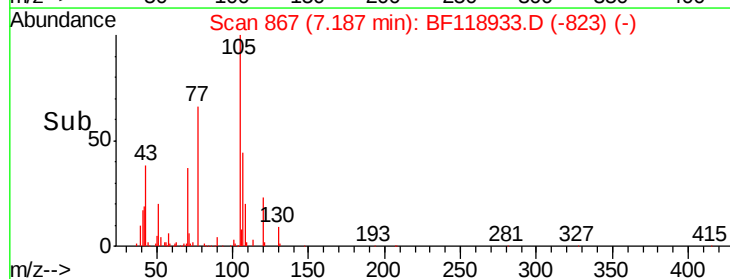
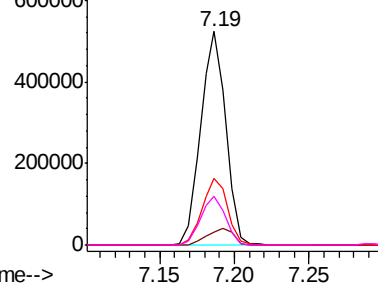


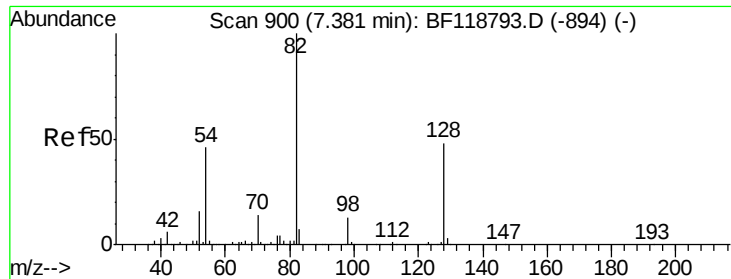
#22
Acetophenone
Concen: 45.280 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt	Ion:105	Resp:	618797
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.2	6.4
51	31.3	25.5	38.3
120	22.6	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

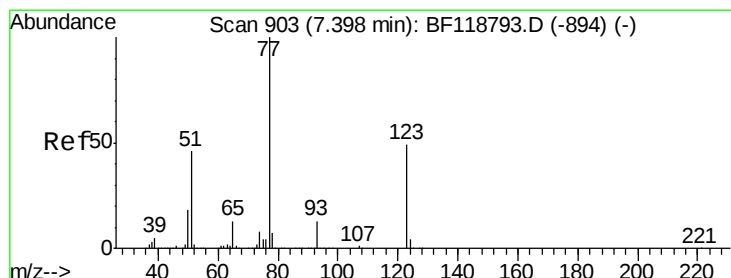
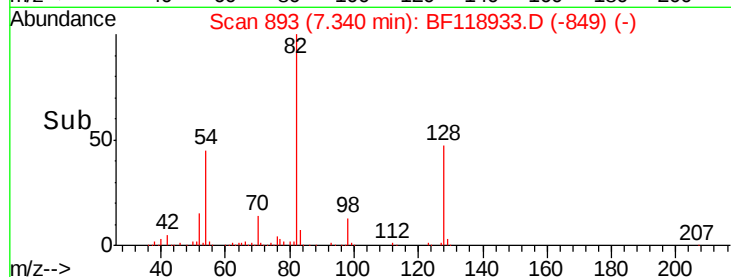
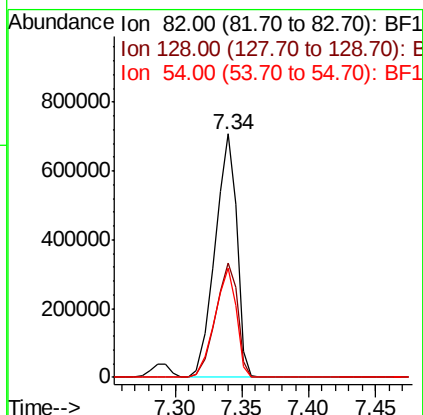
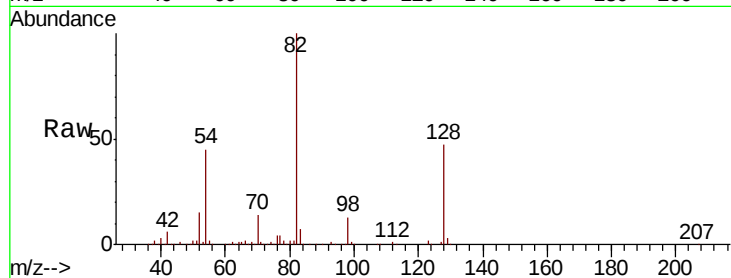




#23
 Nitrobenzene-d5
 Concen: 77.059 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

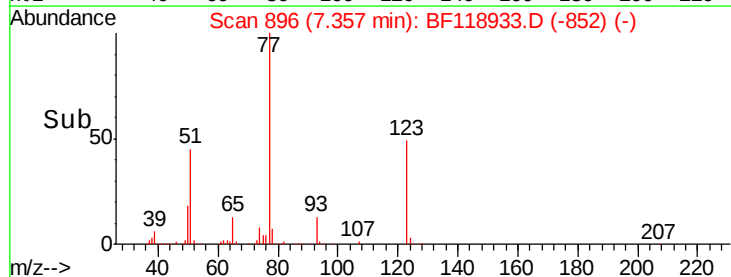
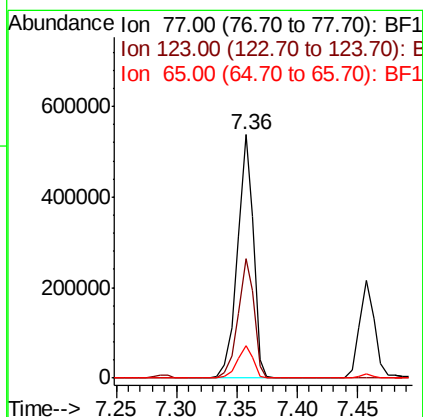
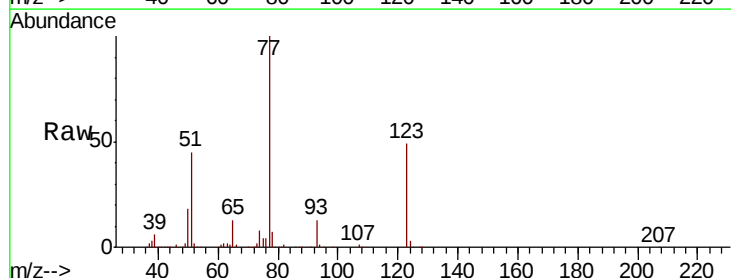
Instrument :
 BNA_F
 ClientSampled :

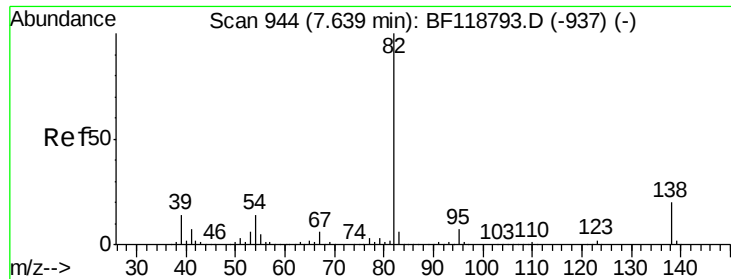
Tot Ion	82	Resp	813200
Ion Ratio	Lower	Upper	
82	100		
128	47.1	38.5	57.7
54	45.0	36.7	55.1



#24
 Nitrobenzene
 Concen: 47.066 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion	77	Resp	496183
Ion Ratio	Lower	Upper	
77	100		
123	48.8	39.0	58.4
65	13.2	10.6	15.8





#25

Isophorone

Concen: 46.241 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

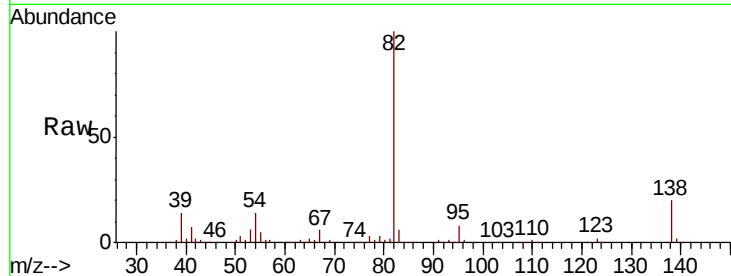
Tot Ion: 82 Resp: 876998

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

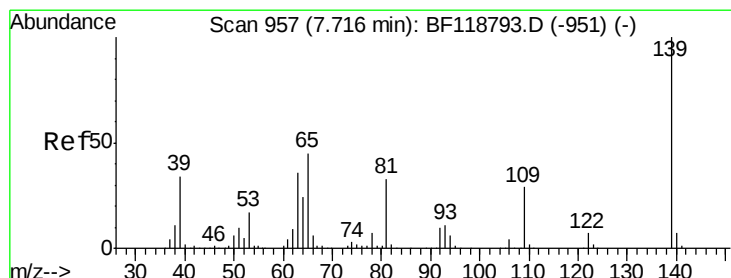
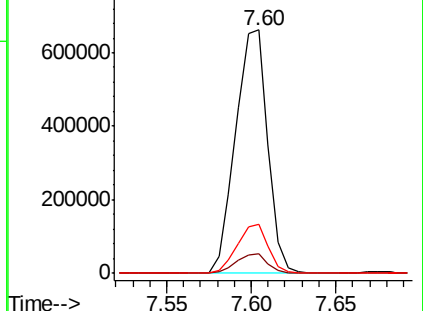
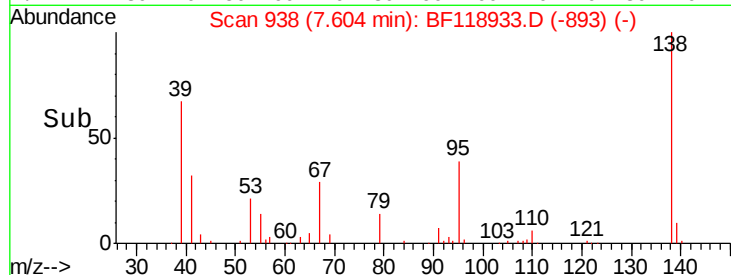
138 20.4 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.406 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

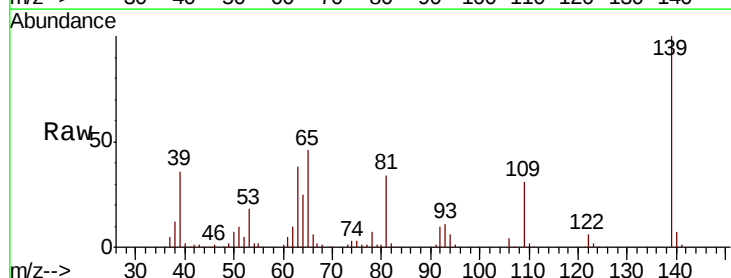
Tgt Ion: 139 Resp: 271922

Ion Ratio Lower Upper

139 100

109 30.8 23.4 35.0

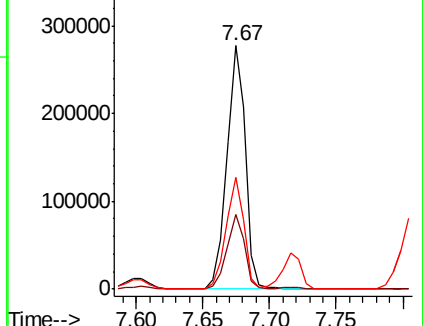
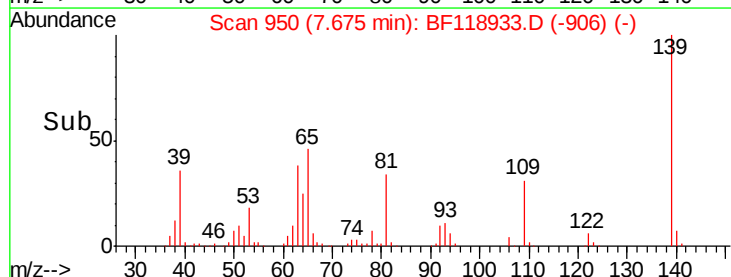
65 46.2 36.2 54.2

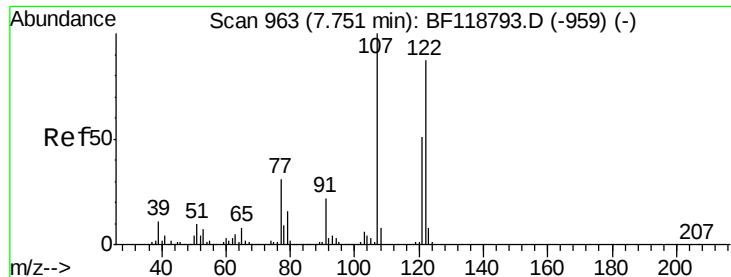


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 54.849 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

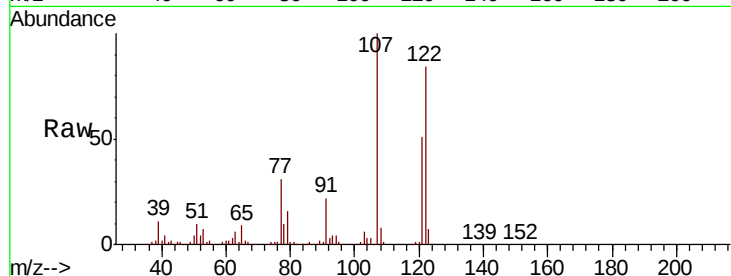
Tot Ion:122 Resp: 418552

Ion Ratio Lower Upper

122 100

107 119.0 92.2 138.2

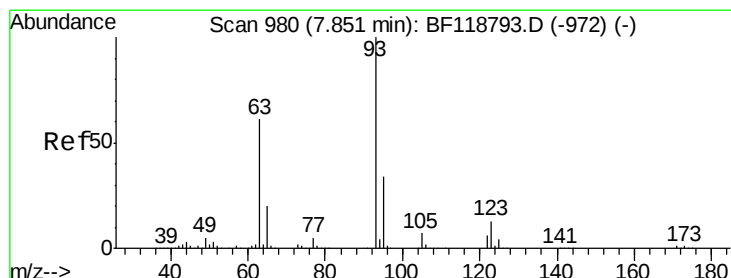
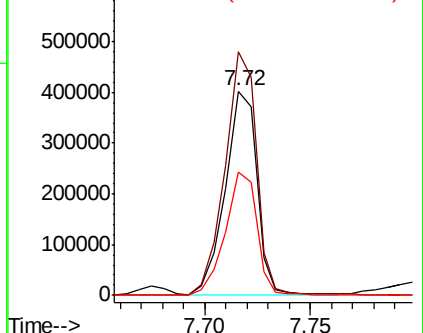
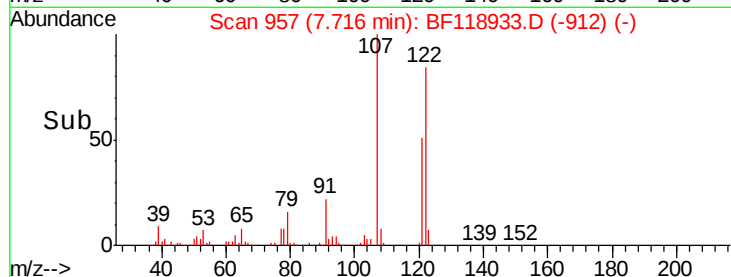
121 60.5 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.448 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

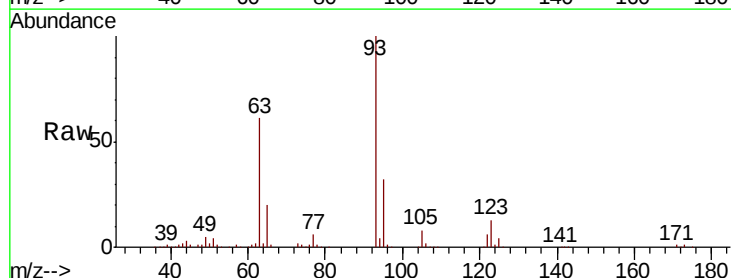
Tgt Ion: 93 Resp: 534329

Ion Ratio Lower Upper

93 100

95 32.2 27.0 40.4

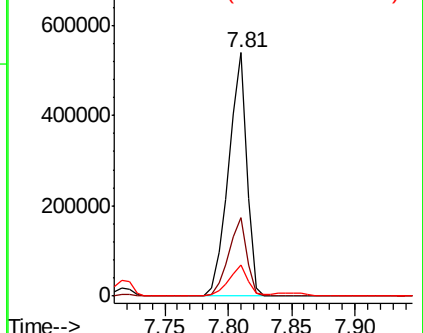
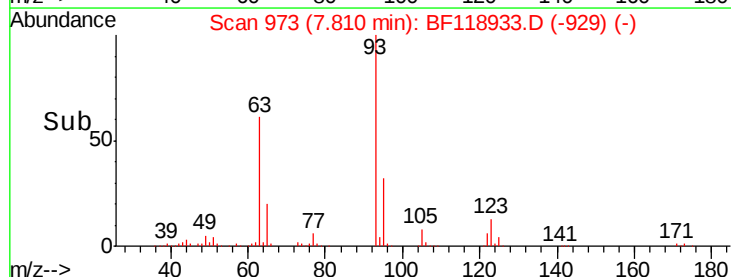
123 12.6 10.6 15.8

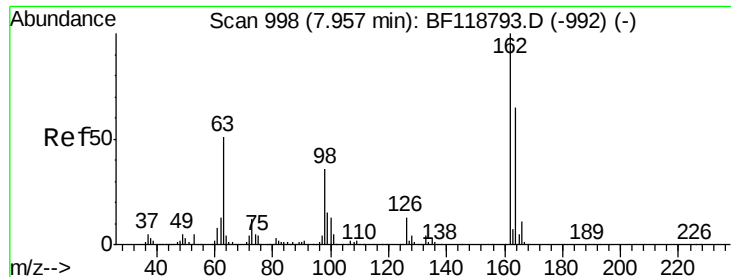


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.564 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

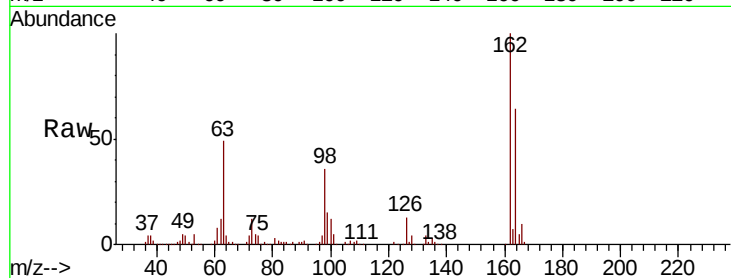
Tot Ion:162 Resp: 425533

Ion Ratio Lower Upper

162 100

164 64.4 44.8 84.8

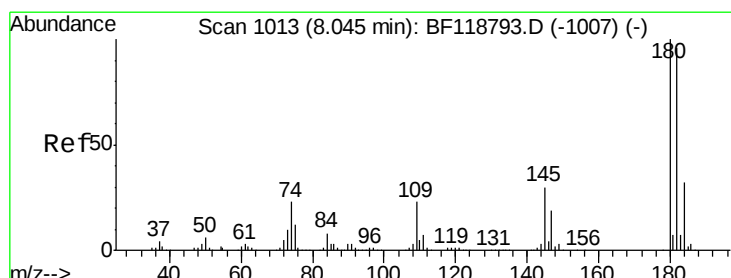
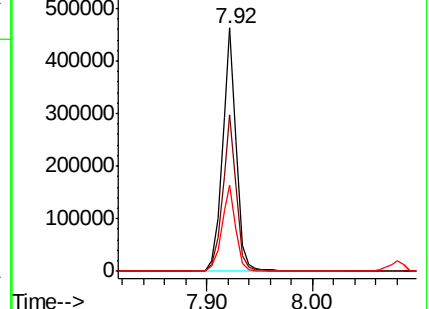
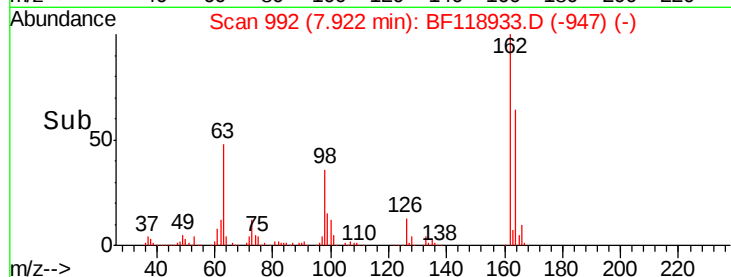
98 35.6 16.4 56.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 44.381 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

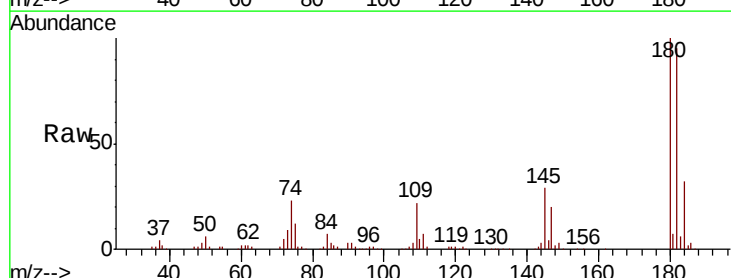
Tgt Ion:180 Resp: 474064

Ion Ratio Lower Upper

180 100

182 95.2 76.6 115.0

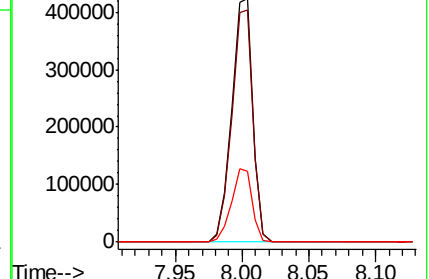
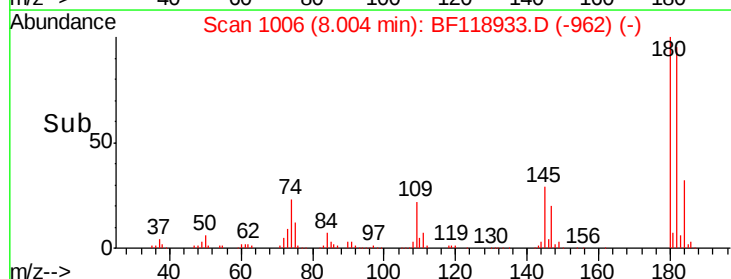
145 29.2 24.0 36.0

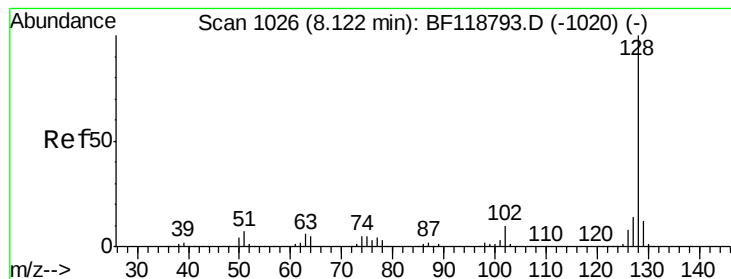


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.079 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

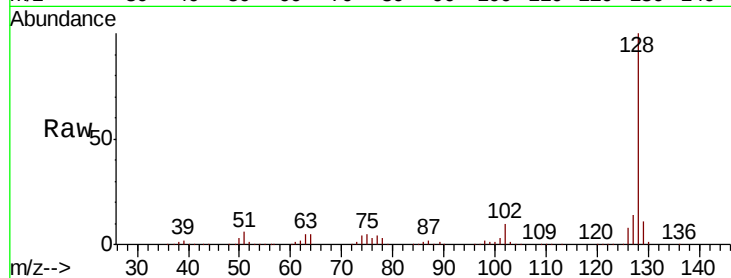
Tot Ion:128 Resp: 1383150

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

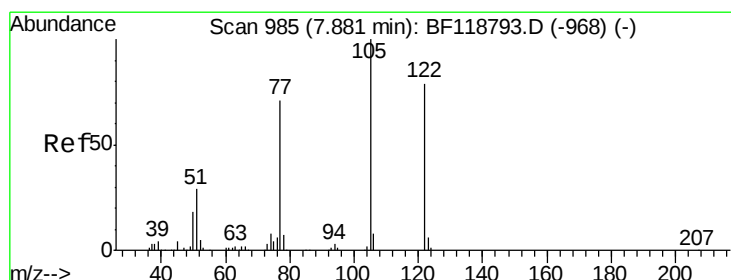
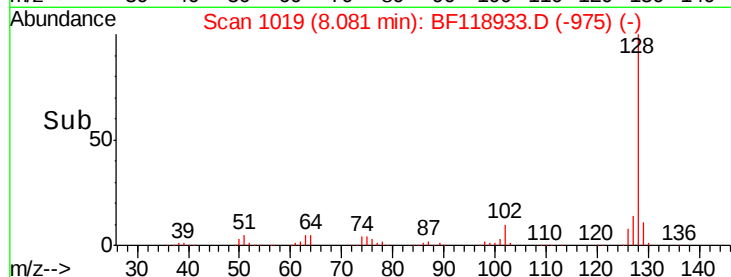
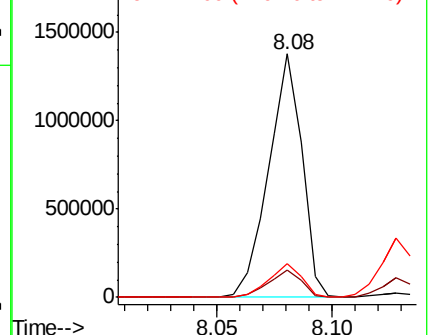
127 13.7 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.973 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

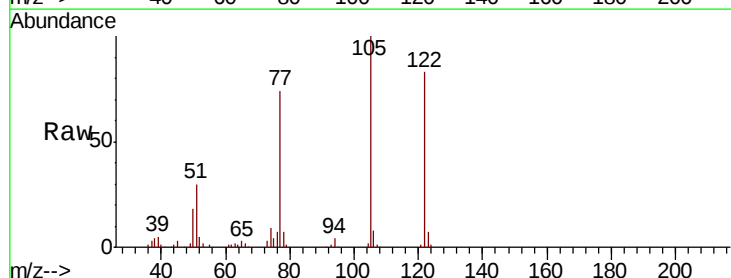
Tgt Ion:122 Resp: 265187

Ion Ratio Lower Upper

122 100

105 120.4 104.4 144.4

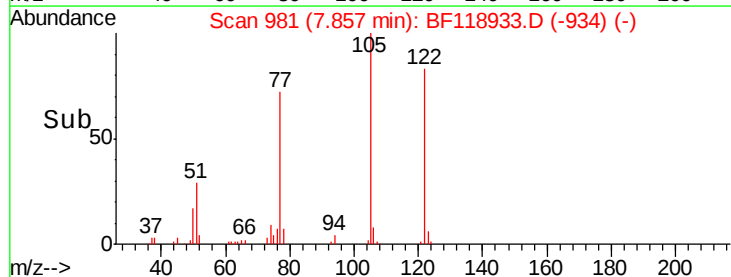
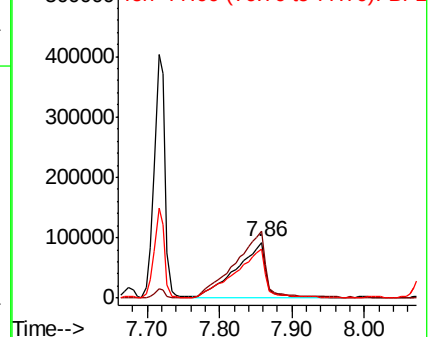
77 89.2 69.3 109.3

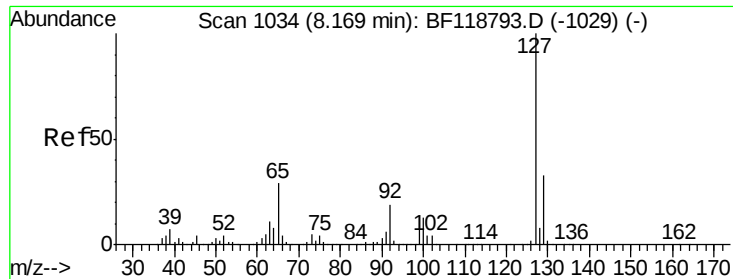


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

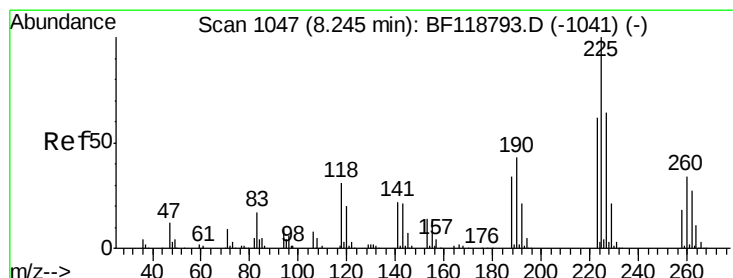
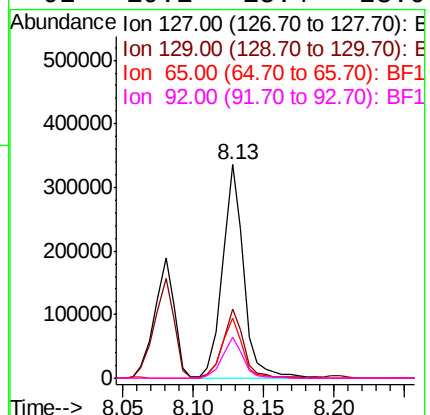
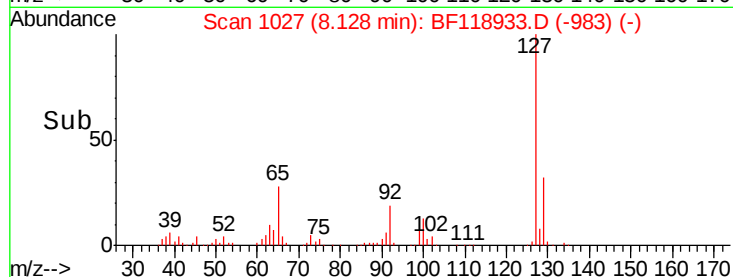
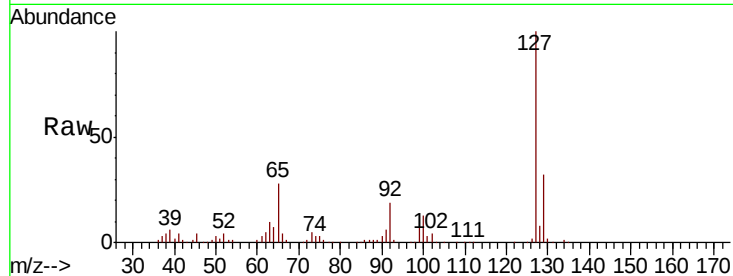




#33
4-Chloroaniline
Concen: 27.081 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

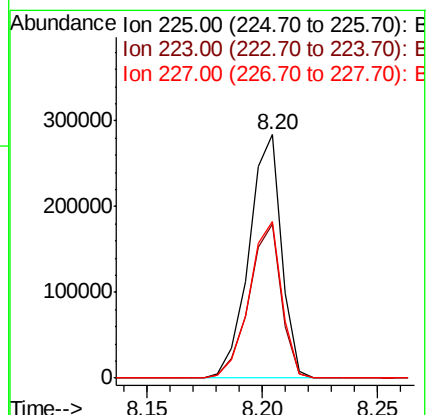
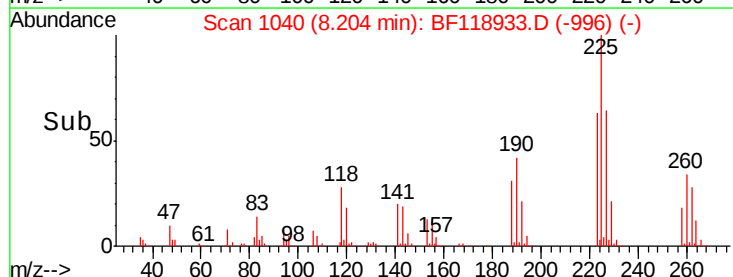
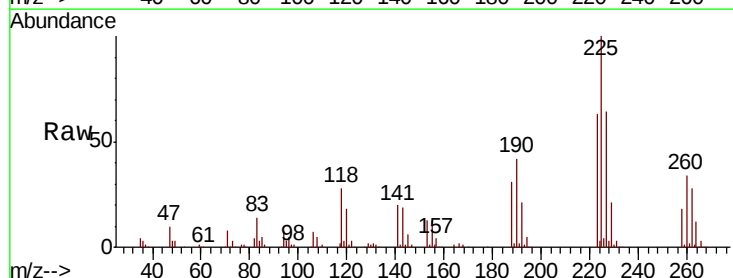
Instrument :
BNA_F
ClientSampled :

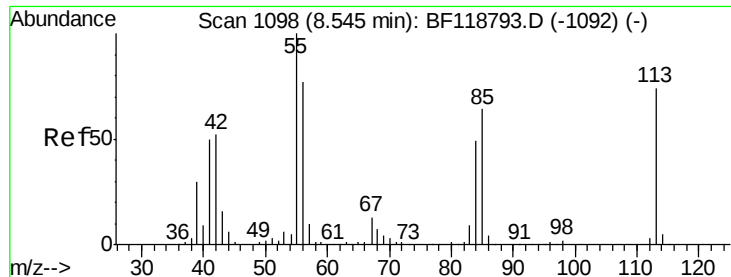
Tot Ion:	127	Resp:	348553
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.7	40.1
65	27.9	22.9	34.3
92	19.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.663 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:	225	Resp:	279198
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.8
227	64.3	51.0	76.4

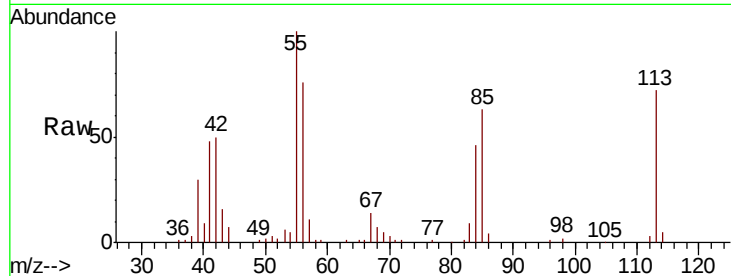




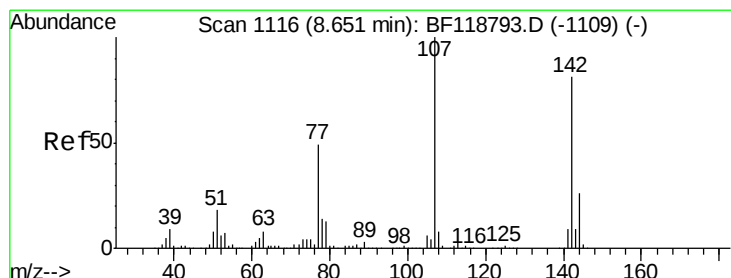
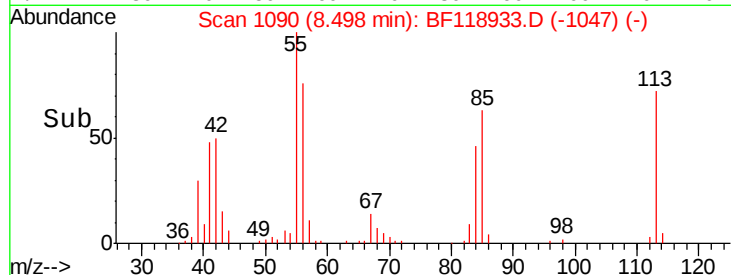
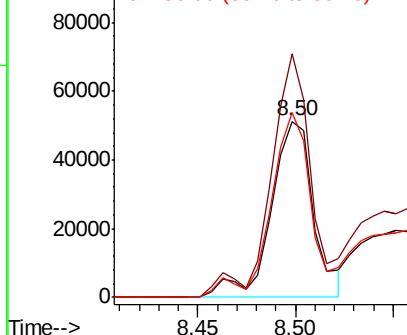
#35
 Caprolactam
 Concen: 25.982 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.05 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 76974
 Ion Ratio Lower Upper
 113 100
 55 138.5 115.5 155.5
 56 105.0 83.7 123.7

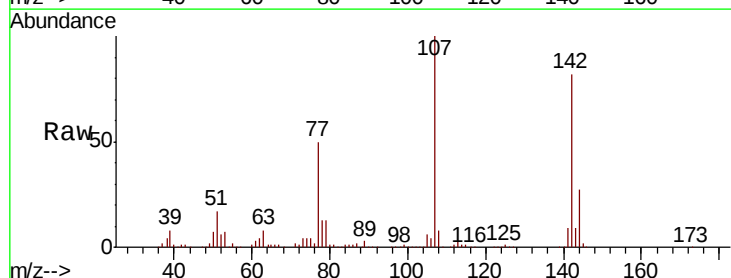


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

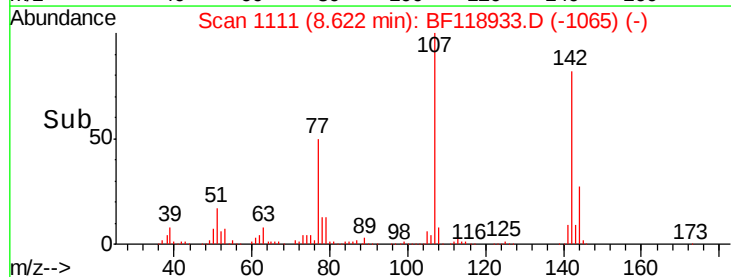
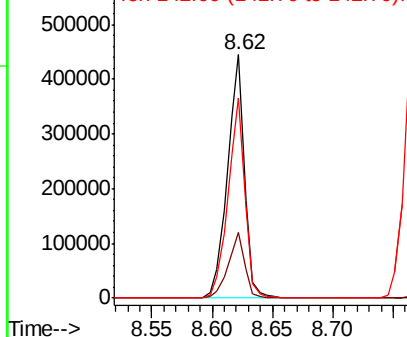


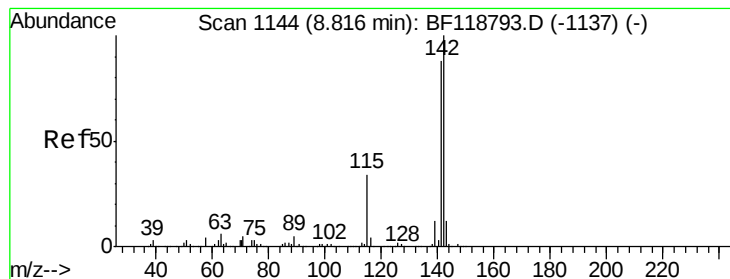
#36
 4-Chloro-3-methylphenol
 Concen: 47.346 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion:107 Resp: 435431
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.0 31.6
 142 82.2 64.8 97.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.472 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

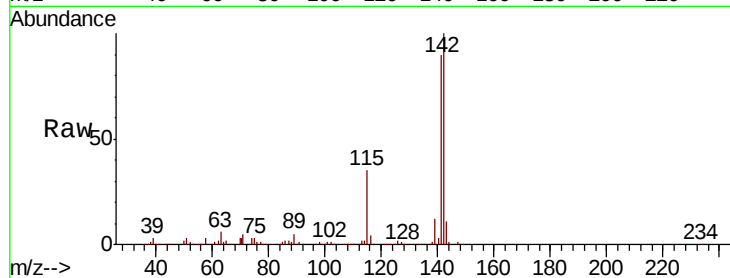
Tot Ion:142 Resp: 947167

Ion Ratio Lower Upper

142 100

141 90.1 70.1 105.1

115 35.3 27.3 40.9

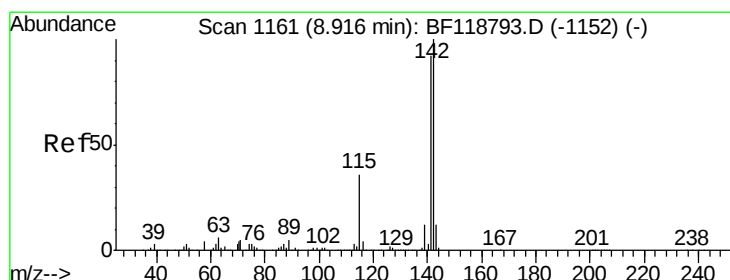
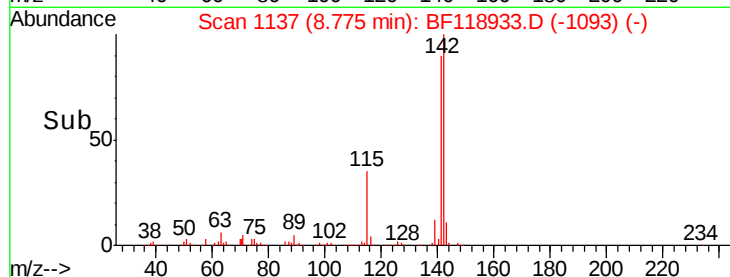
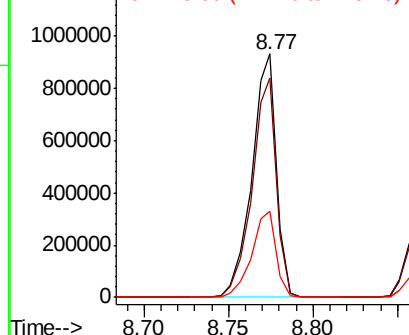


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.372 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

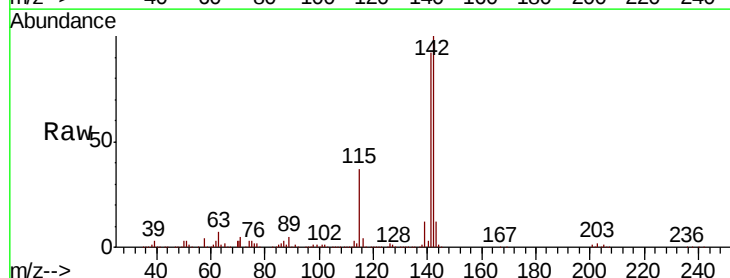
Tgt Ion:142 Resp: 889134

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.6

116 3.8 3.0 4.4

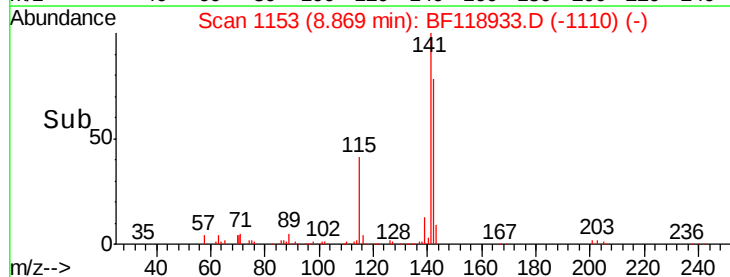
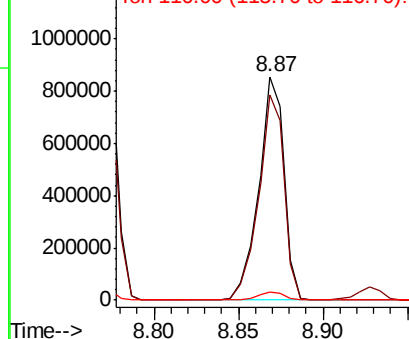


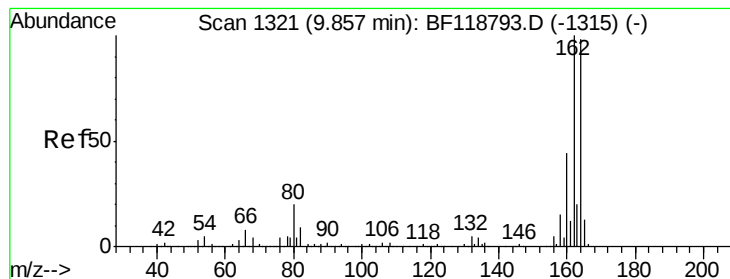
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

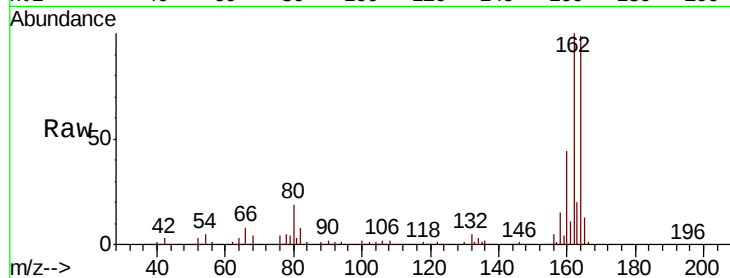
Tot Ion:164 Resp: 353577

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.2

160 44.3 35.6 53.4

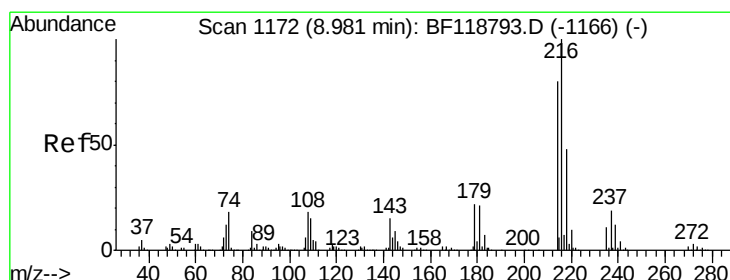
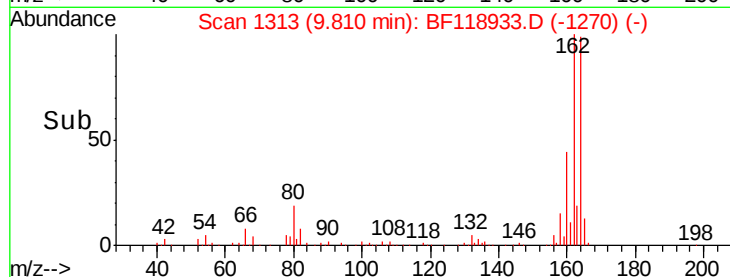
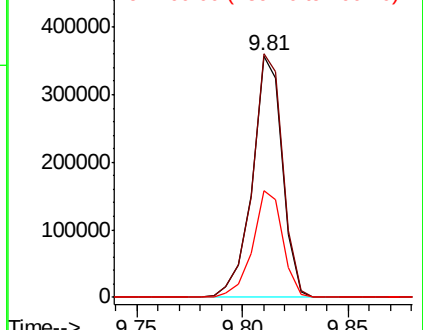


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.070 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Tgt Ion:216 Resp: 459602

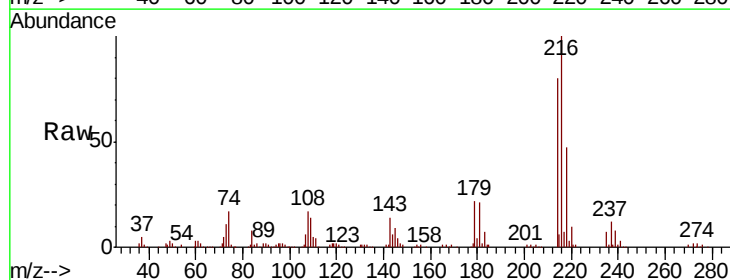
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 21.5 17.0 25.6

108 18.6 13.5 20.3



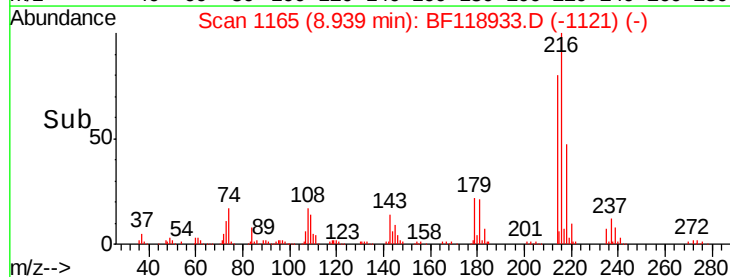
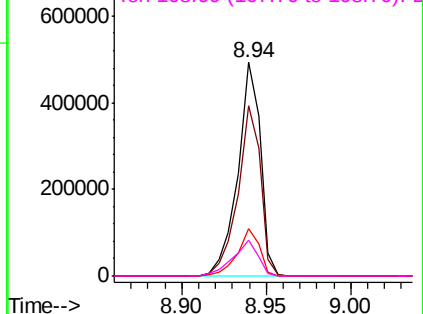
Abundance

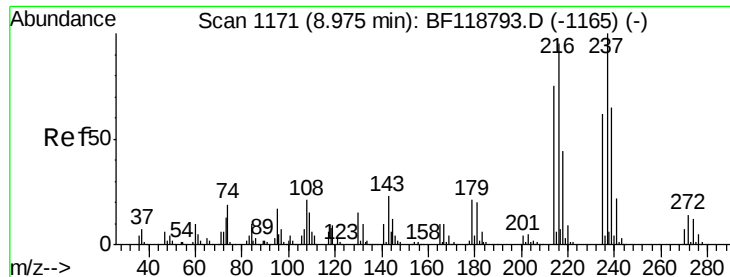
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.650 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampled :

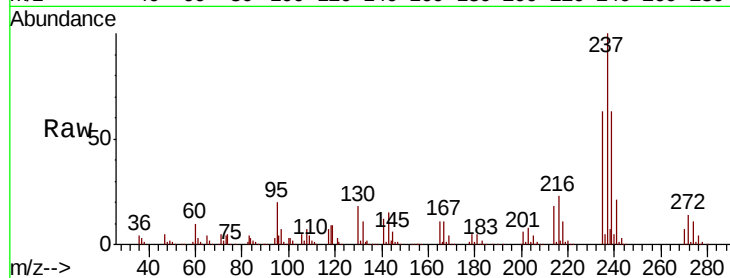
Tot Ion:237 Resp: 429524

Ion Ratio Lower Upper

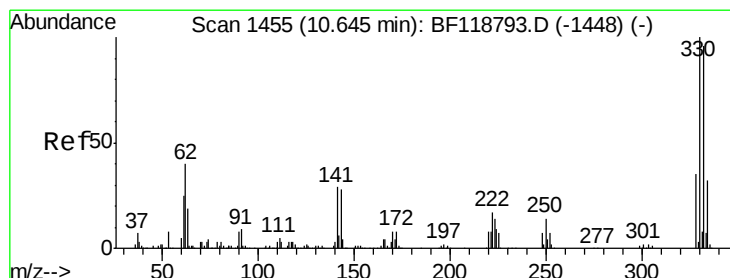
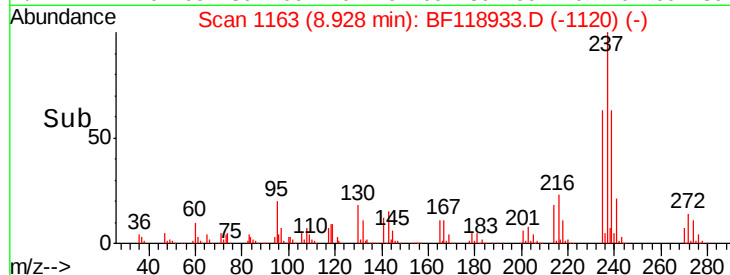
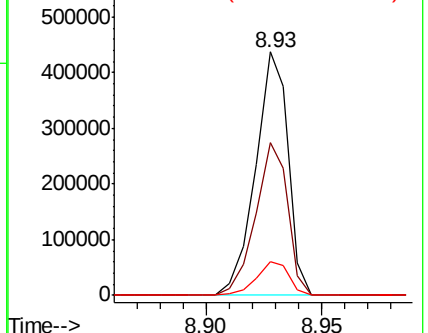
237 100

235 62.6 42.1 82.1

272 13.6 0.0 34.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.239 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

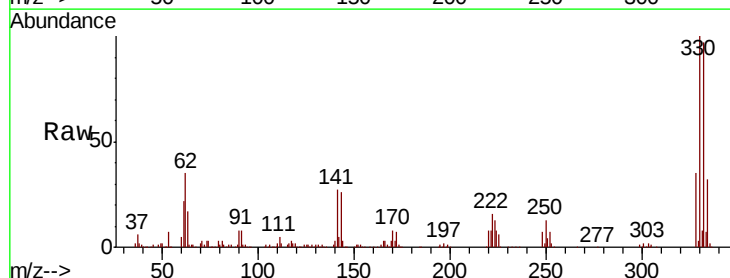
Tgt Ion:330 Resp: 517149

Ion Ratio Lower Upper

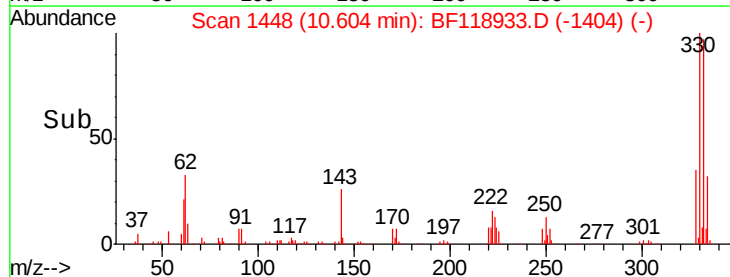
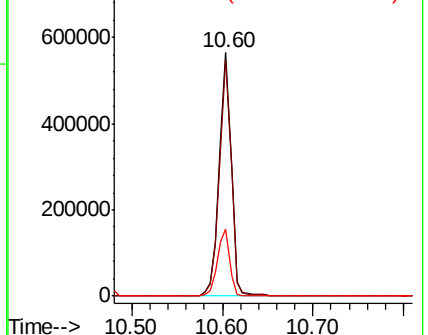
330 100

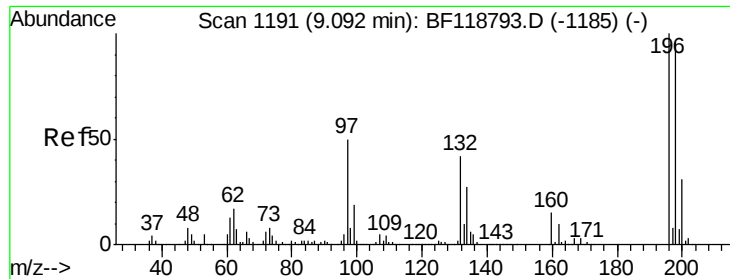
332 96.2 77.3 115.9

141 28.3 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

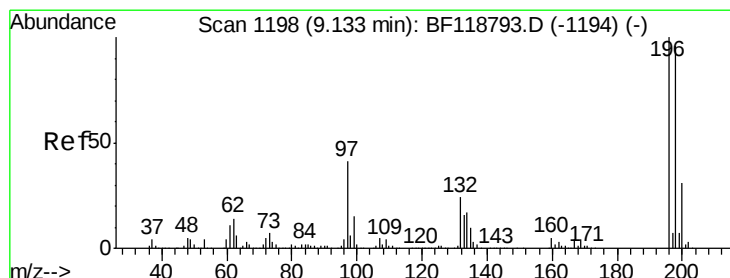
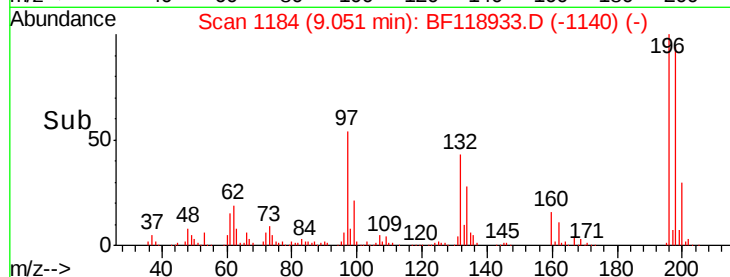
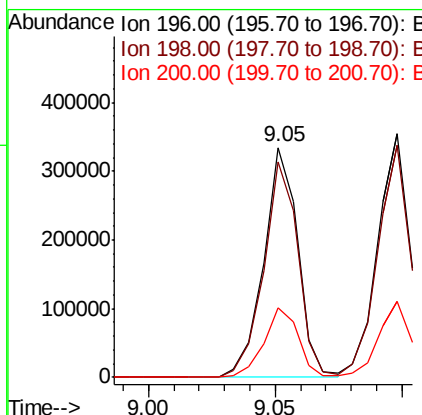
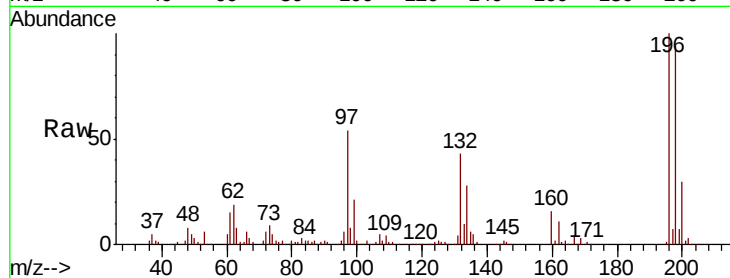




#43
 2,4,6-Trichlorophenol
 Concen: 43.902 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

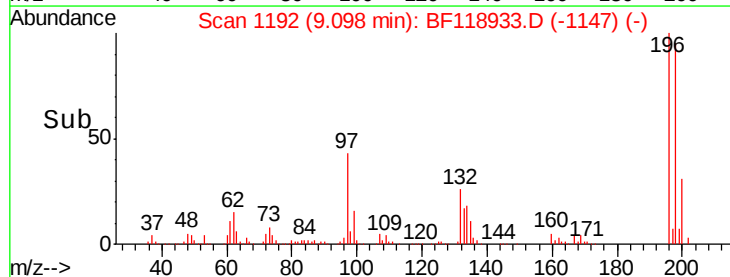
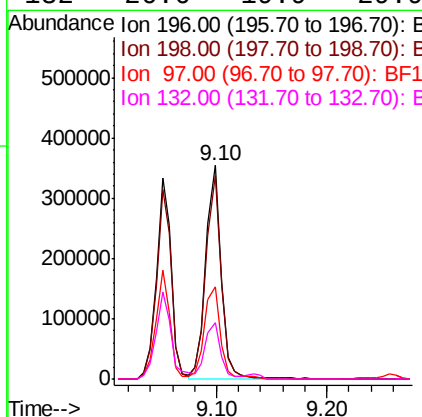
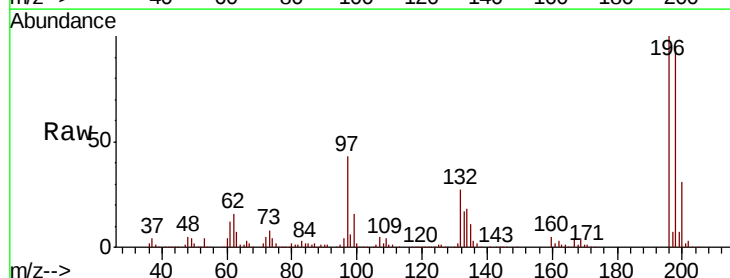
Instrument :
 BNA_F
 ClientSampled :

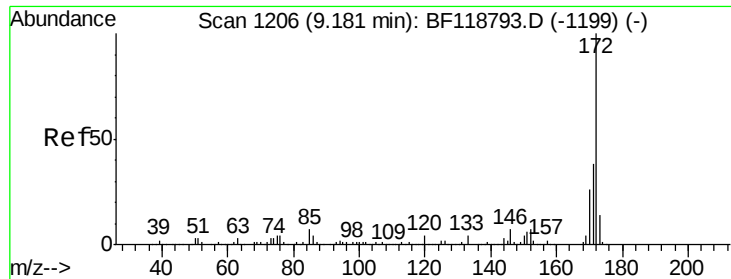
Tot Ion:196 Resp: 313283
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.7 115.1
 200 30.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.621 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion:196 Resp: 332636
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.0 115.4
 97 43.1 32.9 49.3
 132 26.6 19.9 29.9

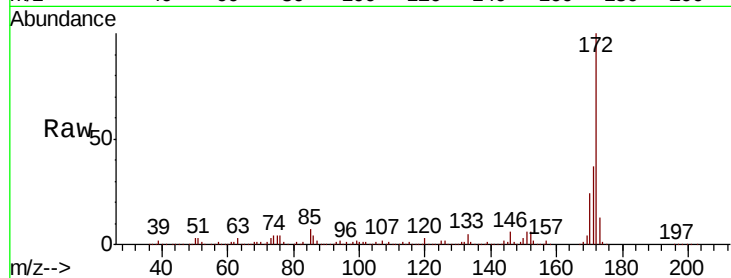




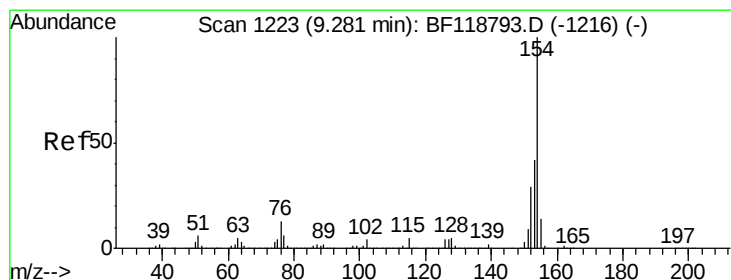
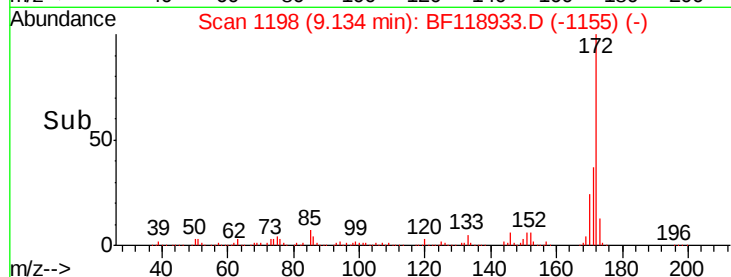
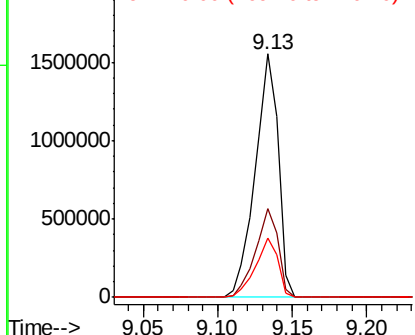
#45
2-Fluorobiphenyl
Concen: 82.908 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1639781
Ion Ratio Lower Upper
172 100
171 36.7 30.8 46.2
170 24.4 20.5 30.7

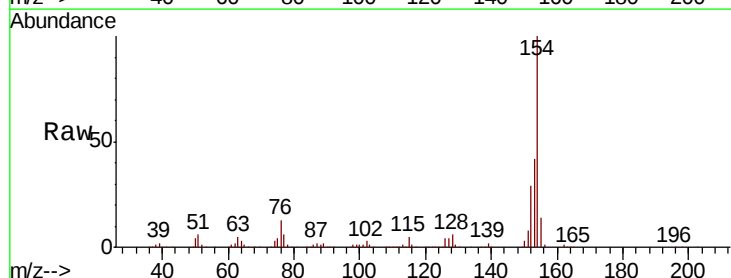


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

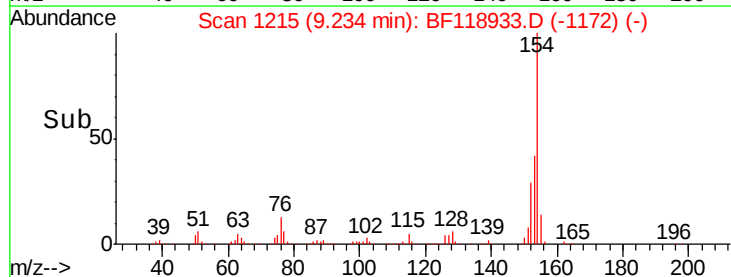
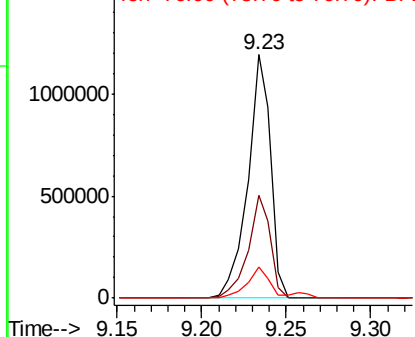


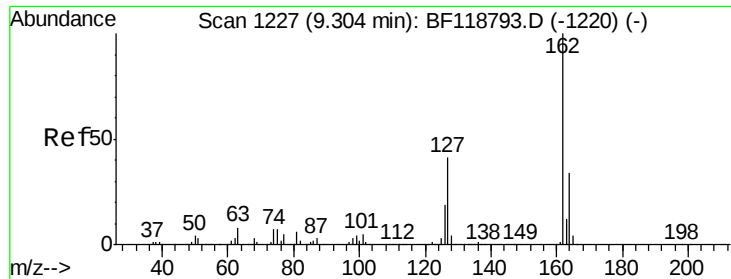
#46
1,1'-Biphenyl
Concen: 46.161 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:154 Resp: 1129018
Ion Ratio Lower Upper
154 100
153 42.0 22.4 62.4
76 12.8 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

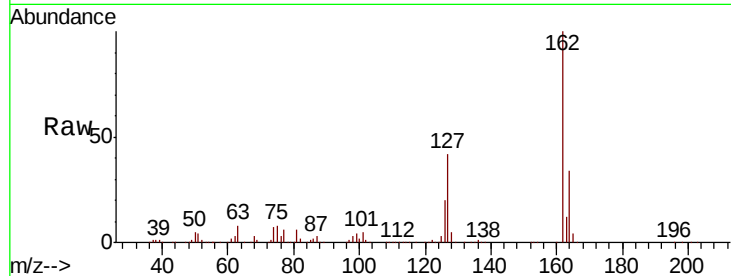




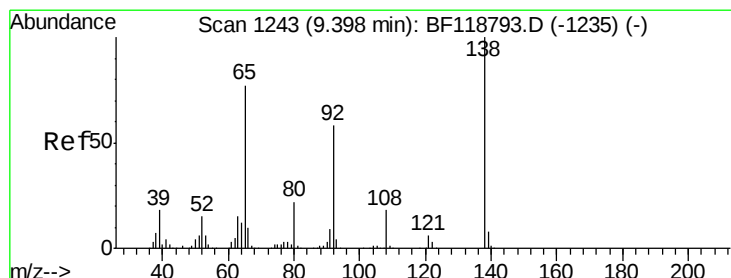
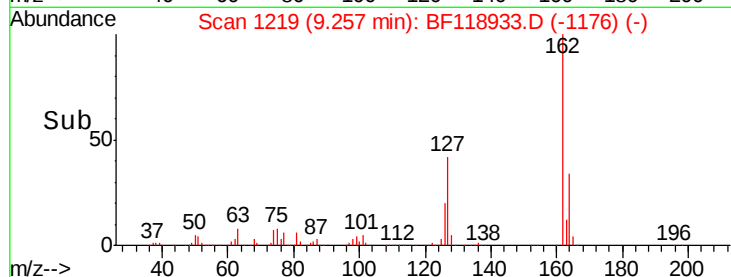
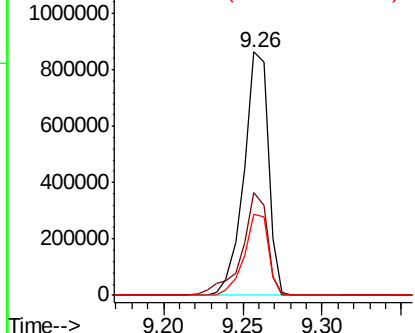
#47
 2-Chloronaphthalene
 Concen: 45.322 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.05 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	921551
Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.3	49.9
164	33.5	27.1	40.7

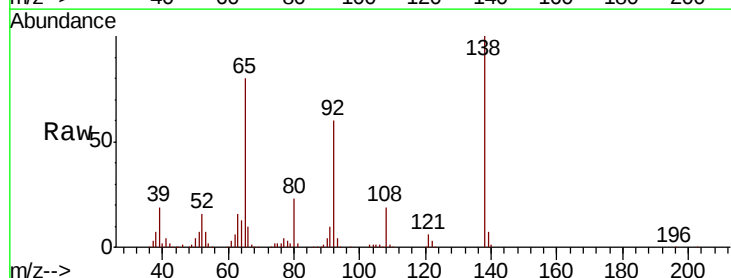


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

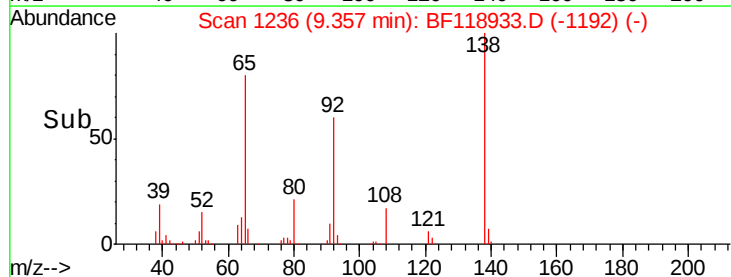
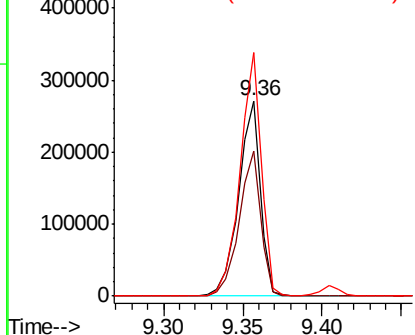


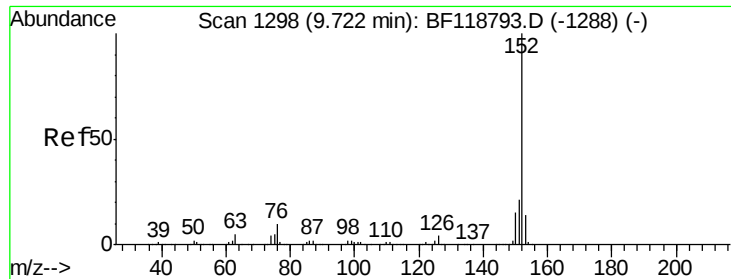
#48
 2-Nitroaniline
 Concen: 44.086 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion:	65	Resp:	258544
Ion	Ratio	Lower	Upper
65	100		
92	74.3	60.6	91.0
138	124.6	104.6	156.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.495 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

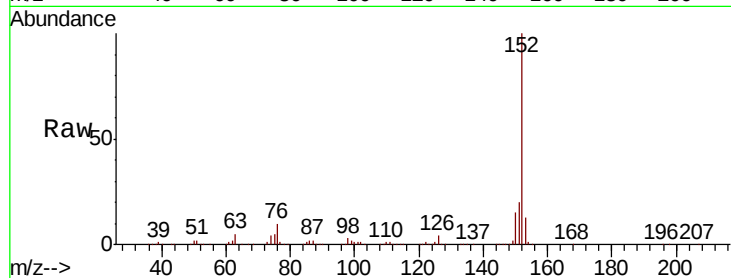
Tot Ion:152 Resp: 1423750

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

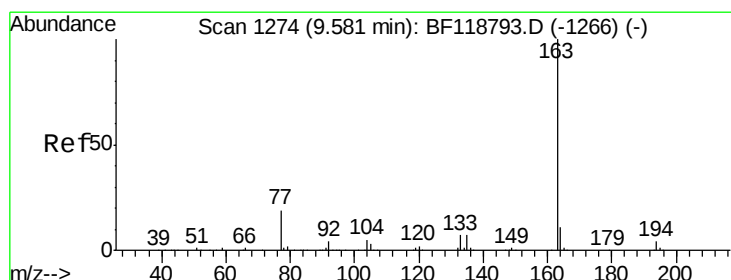
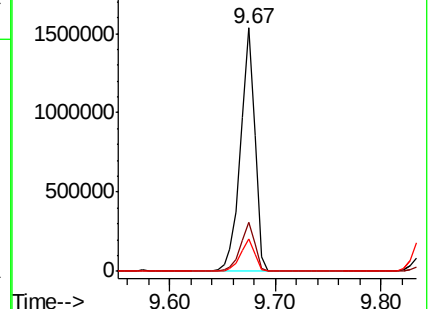
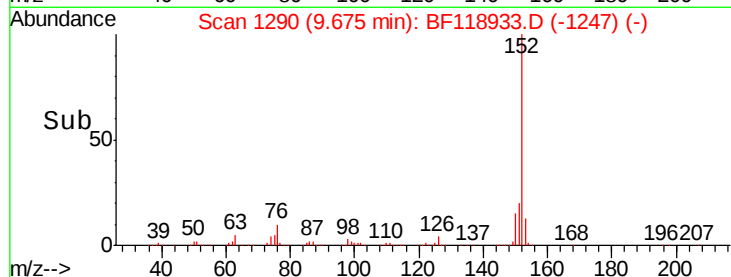
153 13.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.830 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

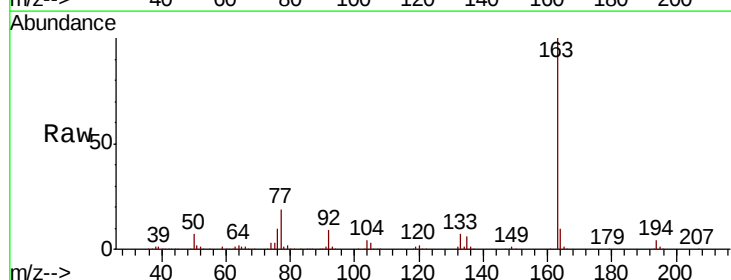
Tgt Ion:163 Resp: 1079290

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

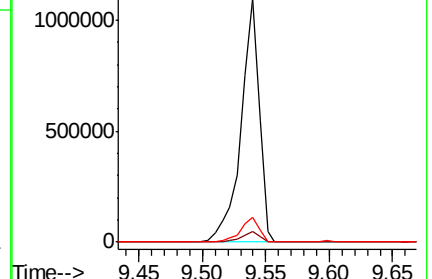
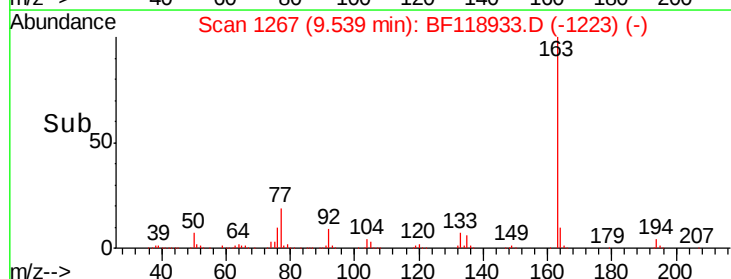
164 10.3 8.7 13.1

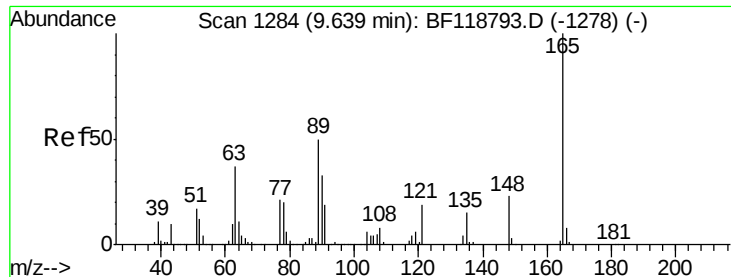


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.121 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampled :

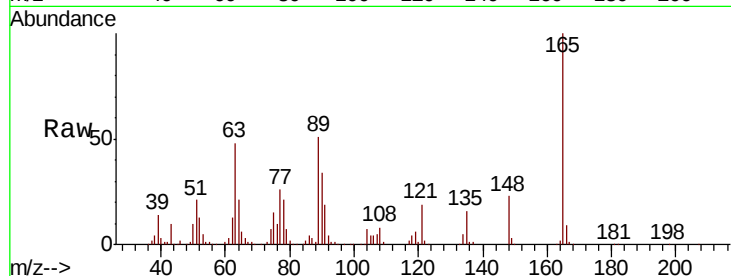
Tot Ion:165 Resp: 254064

Ion Ratio Lower Upper

165 100

63 47.6 37.4 56.0

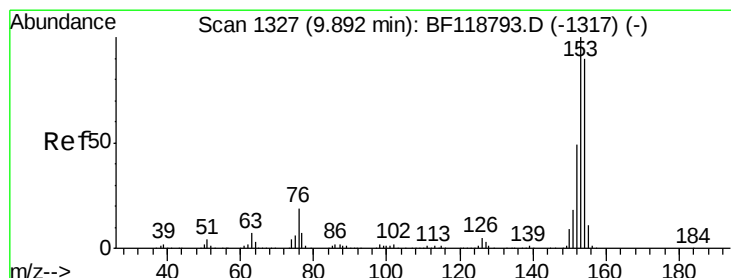
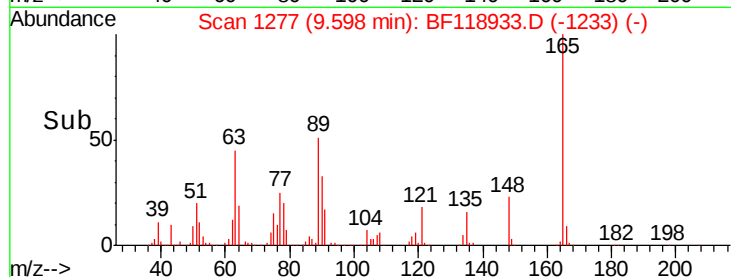
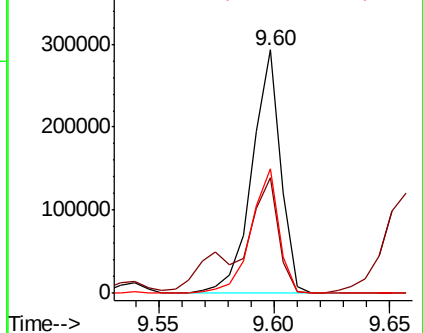
89 51.0 39.7 59.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.489 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

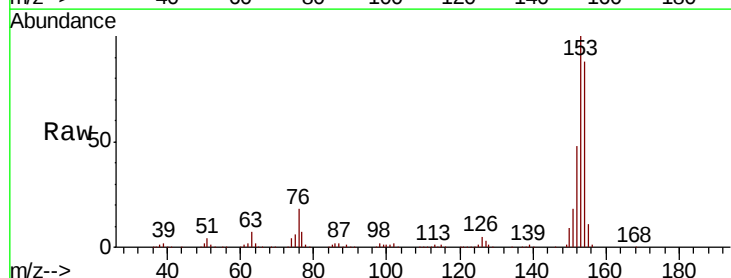
Tgt Ion:154 Resp: 821995

Ion Ratio Lower Upper

154 100

153 113.2 89.4 134.0

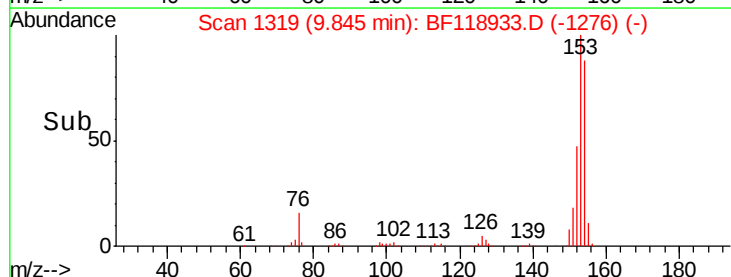
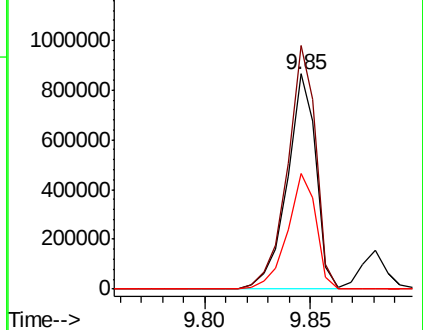
152 53.8 43.6 65.4

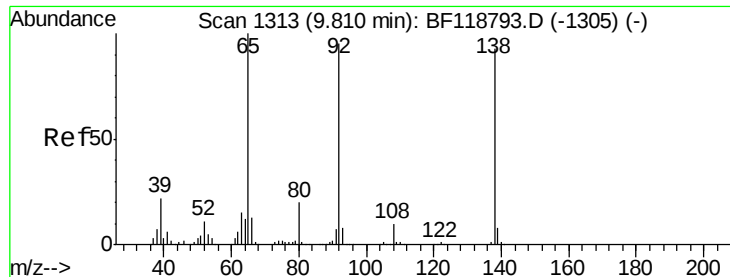


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

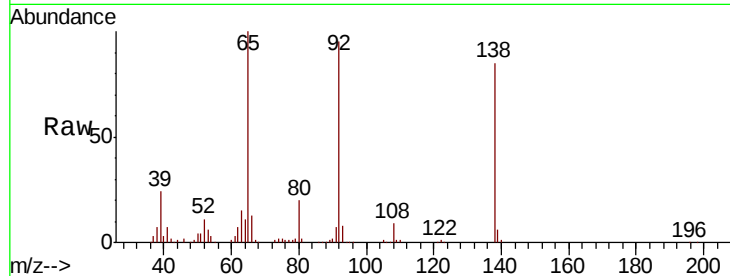




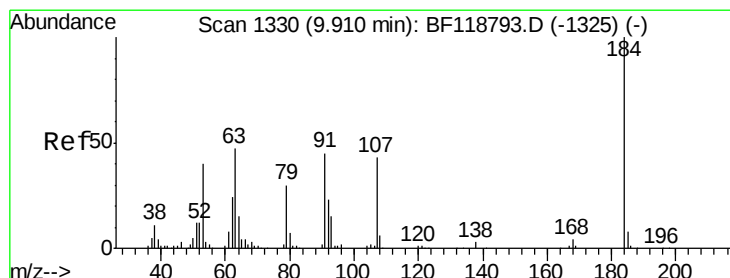
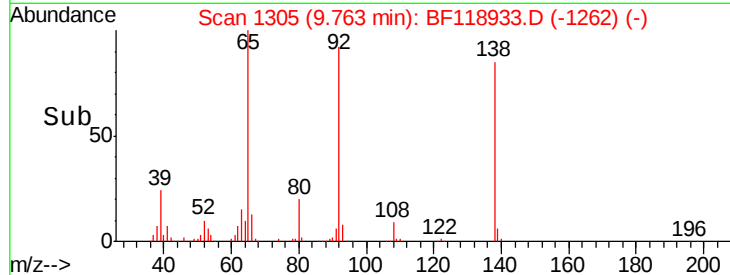
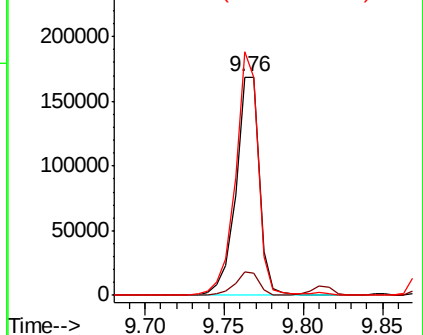
#53
3-Nitroaniline
Concen: 28.517 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 174221
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 111.4 82.2 123.4

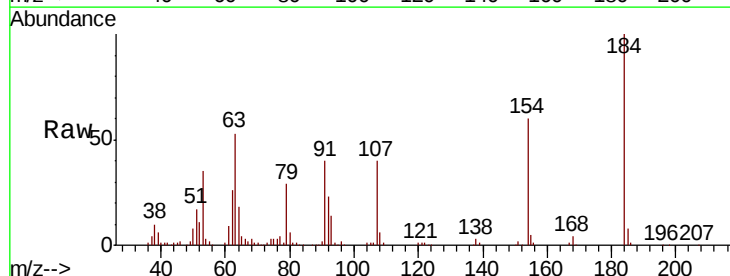


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

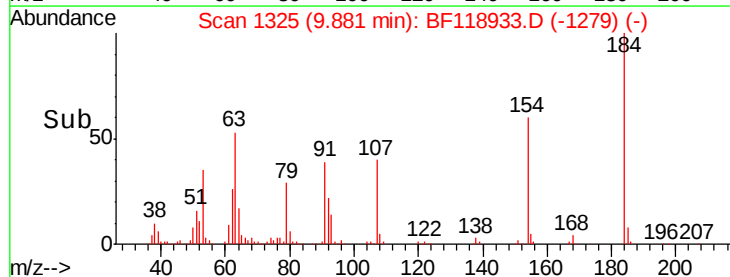
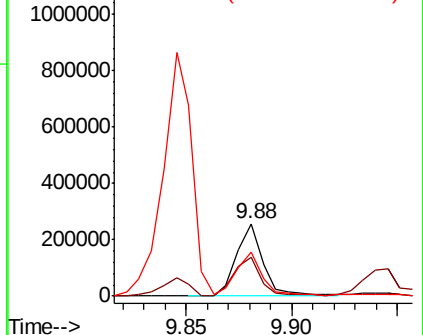


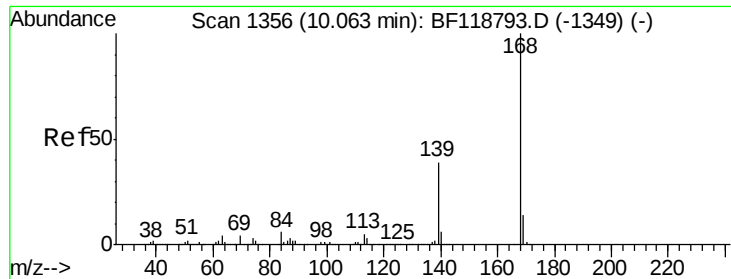
#54
2,4-Dinitrophenol
Concen: 85.829 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:184 Resp: 227293
Ion Ratio Lower Upper
184 100
63 53.5 47.5 71.3
154 60.4 48.6 72.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

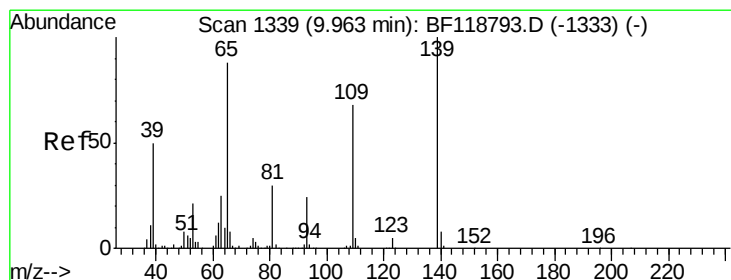
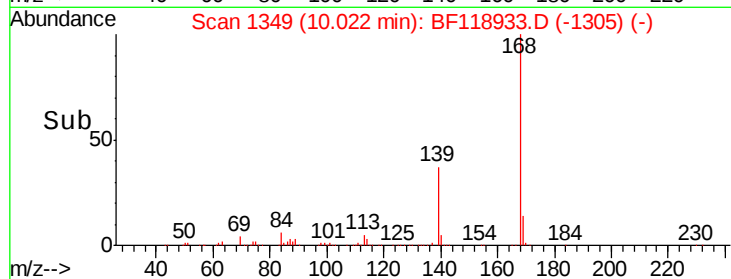
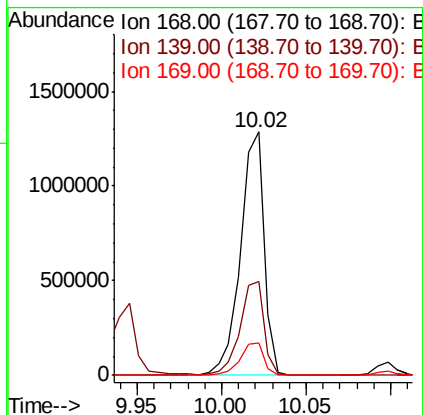
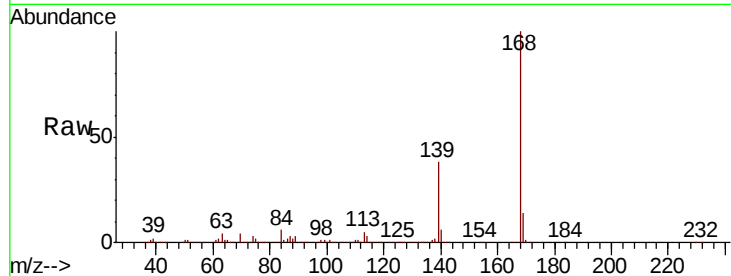




#55
Dibenzofuran
Concen: 44.978 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

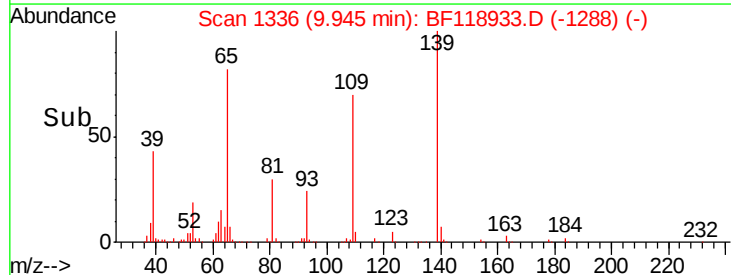
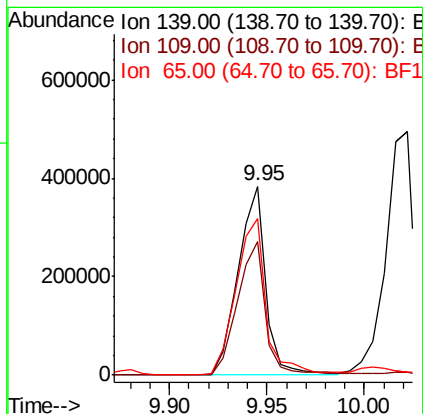
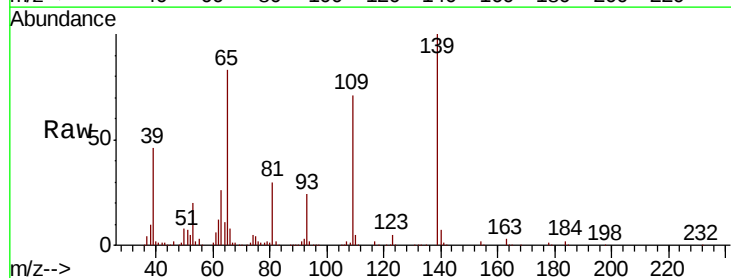
Instrument :
BNA_F
ClientSampleId :

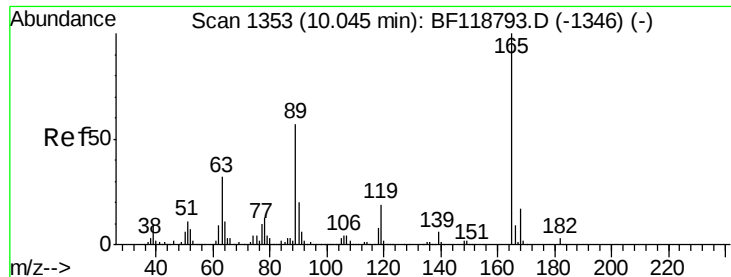
Tot Ion:168 Resp: 1257507
Ion Ratio Lower Upper
168 100
139 38.4 31.6 47.4
169 13.6 11.4 17.2



#56
4-Nitrophenol
Concen: 85.641 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:139 Resp: 378667
Ion Ratio Lower Upper
139 100
109 70.8 48.0 88.0
65 82.7 68.3 108.3

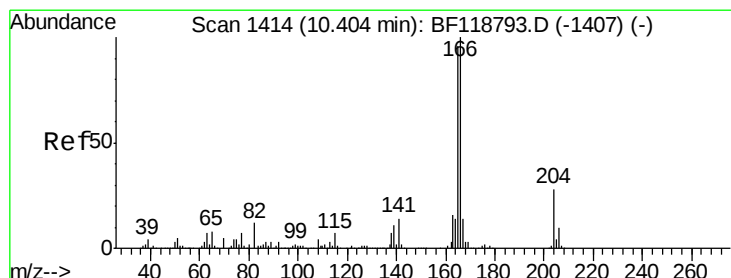
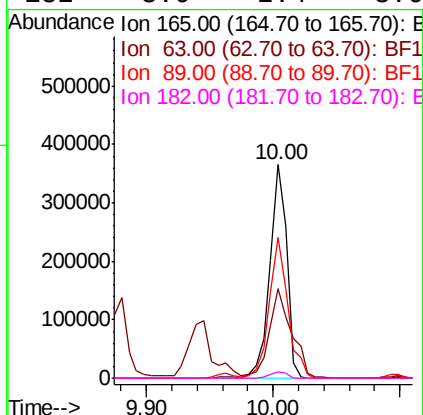
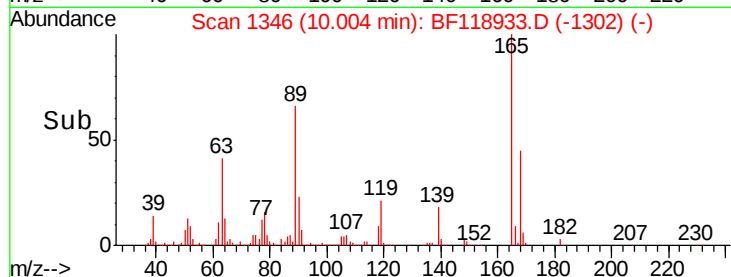
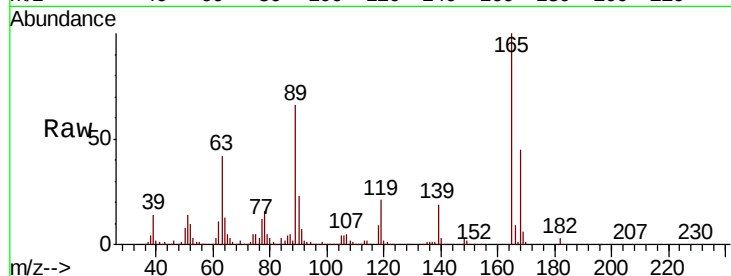




#57
 2,4-Dinitrotoluene
 Concen: 46.501 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

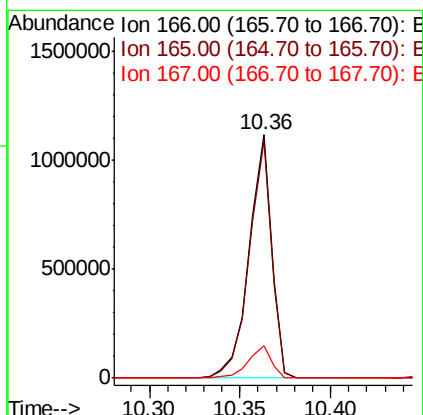
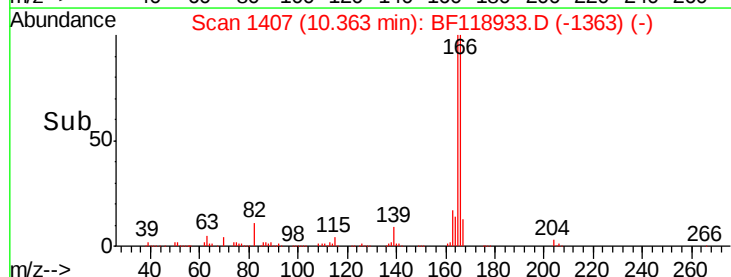
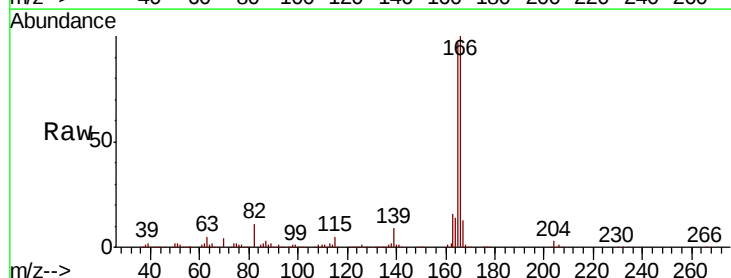
Instrument :
 BNA_F
 ClientSampleId :

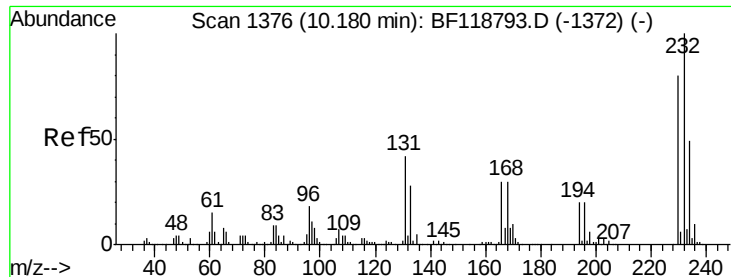
Tot Ion:165 Resp: 338991
 Ion Ratio Lower Upper
 165 100
 63 41.7 25.5 38.3#
 89 65.8 45.4 68.0
 182 3.0 2.4 3.6



#58
 Fluorene
 Concen: 46.154 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion:166 Resp: 970772
 Ion Ratio Lower Upper
 166 100
 165 97.3 77.0 115.6
 167 13.4 11.1 16.7

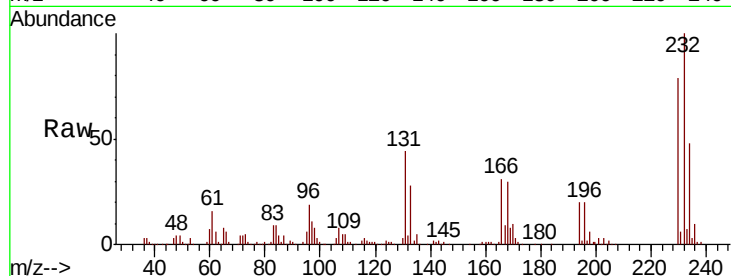




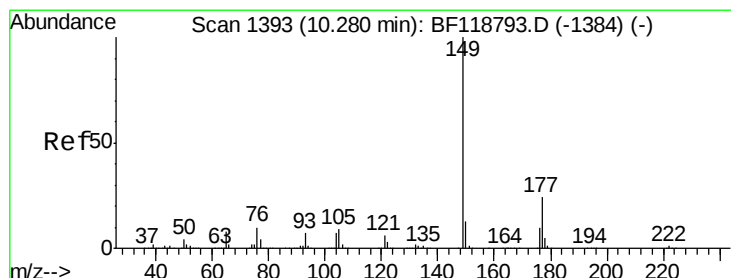
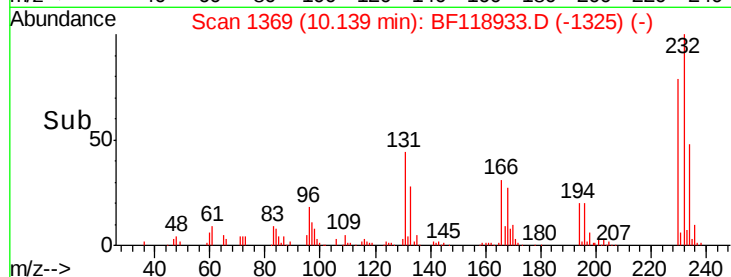
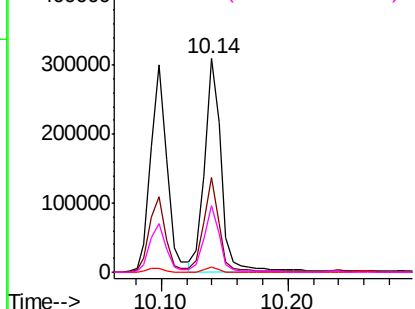
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.028 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	280356
Ion	Ratio	Lower	Upper
232	100		
131	42.7	31.8	47.6
130	2.2	1.6	2.4
166	29.4	23.1	34.7

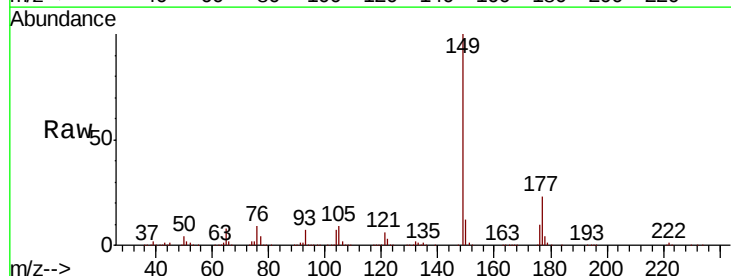


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

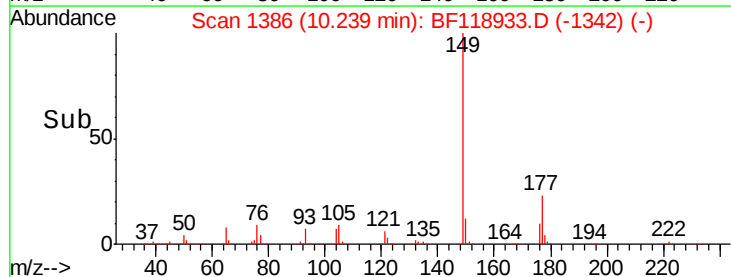
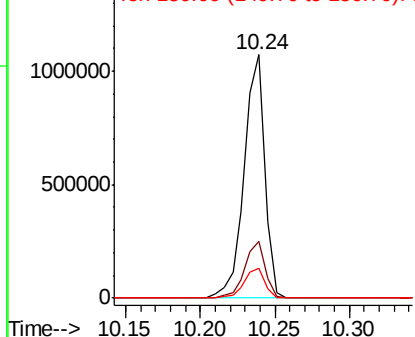


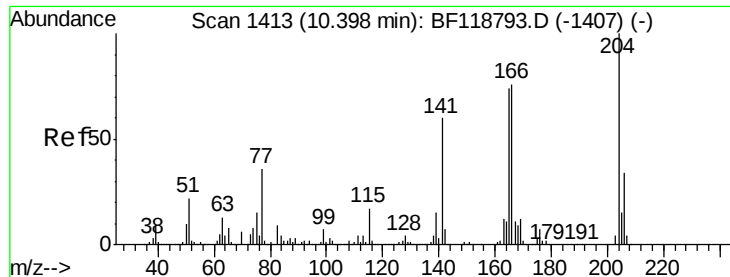
#60
 Diethylphthalate
 Concen: 43.884 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion:	149	Resp:	1027333
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.3	28.9
150	12.4	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

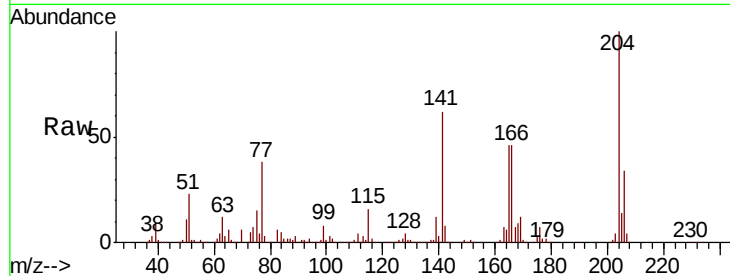




#61
4-Chlorophenyl-phenylether
Concen: 43.477 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.4	41.2
141	62.3	47.8	71.6

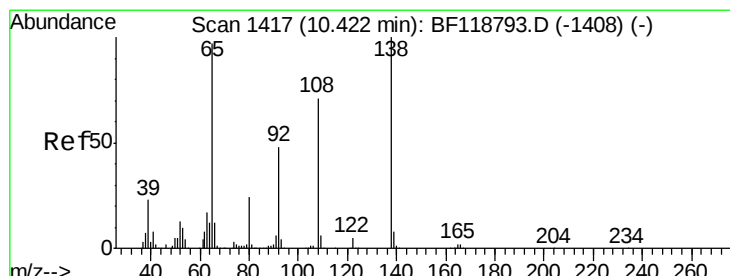
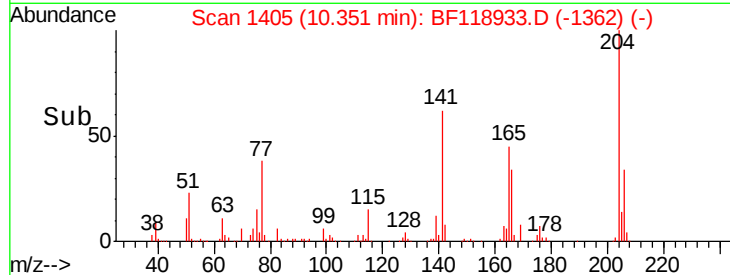
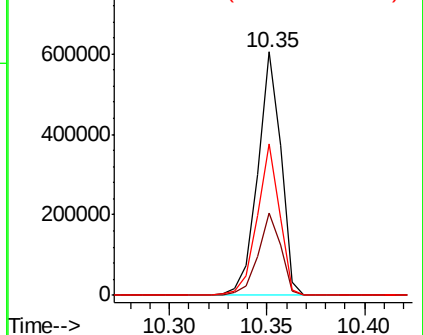


Abundance

Ion 204.00 (203.70 to 204.70): E

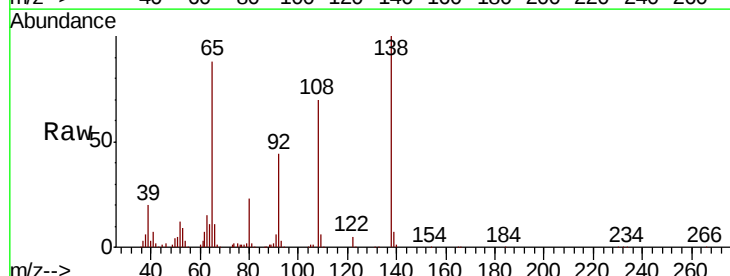
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.566 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.3	27.6	67.6
108	70.2	51.3	91.3

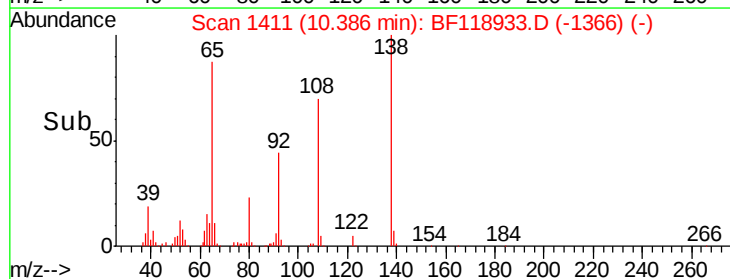
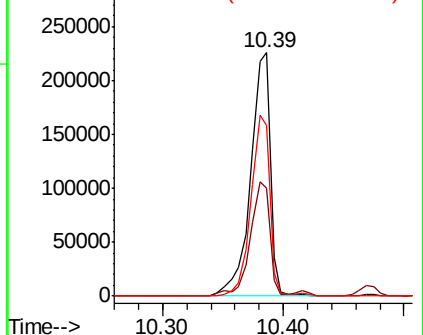


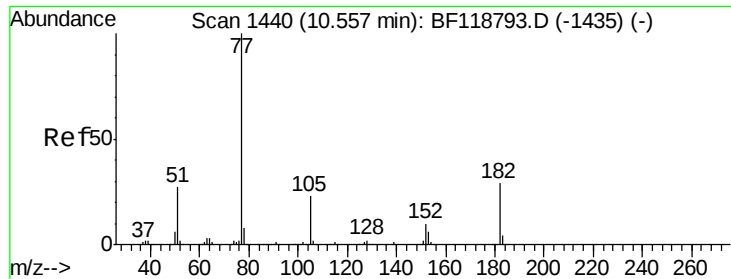
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 46.158 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 922519

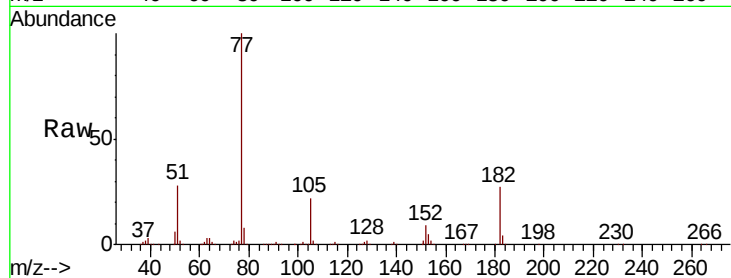
Ion Ratio Lower Upper

77 100

182 26.7 9.2 49.2

105 22.1 3.1 43.1

51 27.6 7.4 47.4

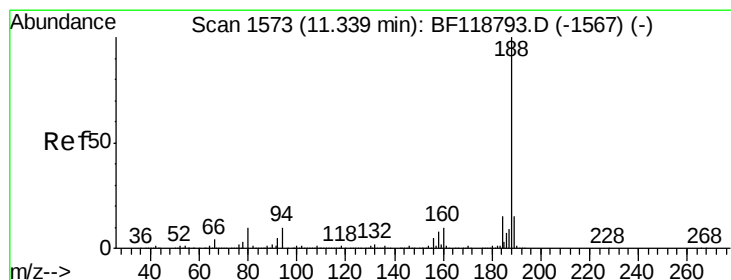
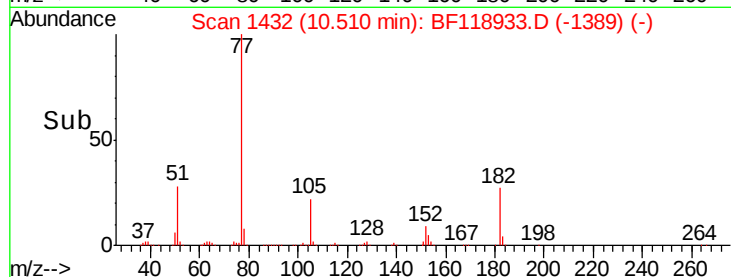
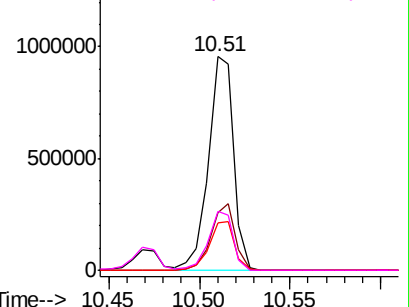


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

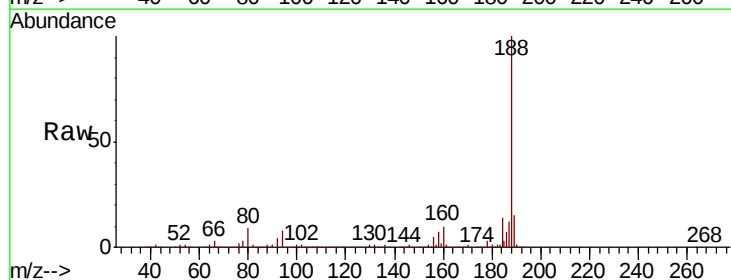
Tgt Ion: 188 Resp: 670136

Ion Ratio Lower Upper

188 100

94 8.0 7.9 11.9

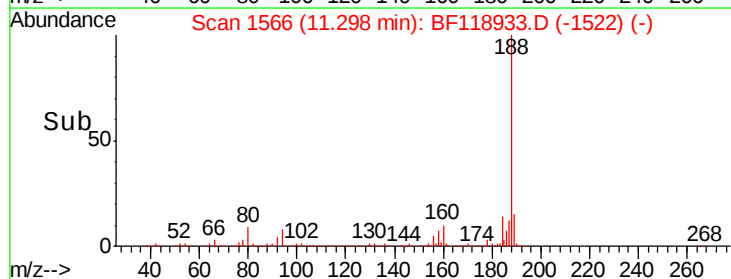
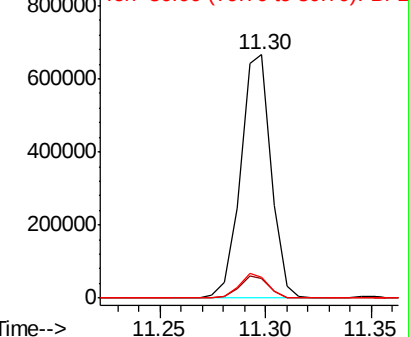
80 8.6 8.4 12.6

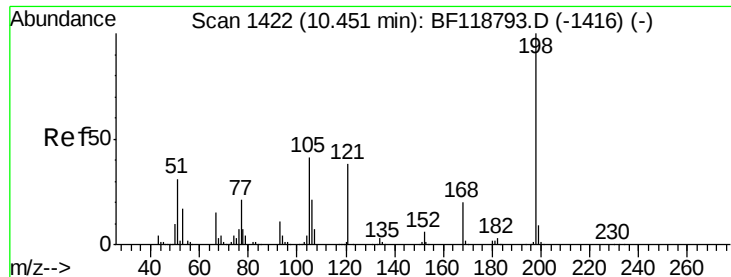


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.350 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

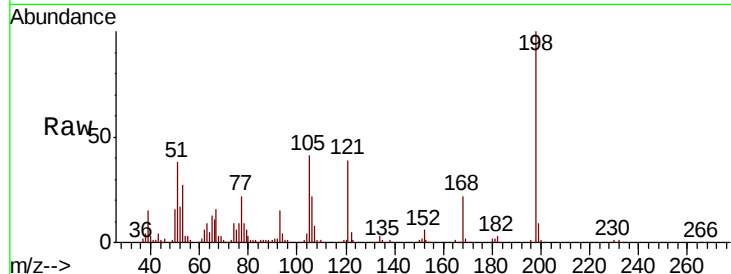
Tot Ion:198 Resp: 178301

Ion Ratio Lower Upper

198 100

51 37.7 16.7 56.7

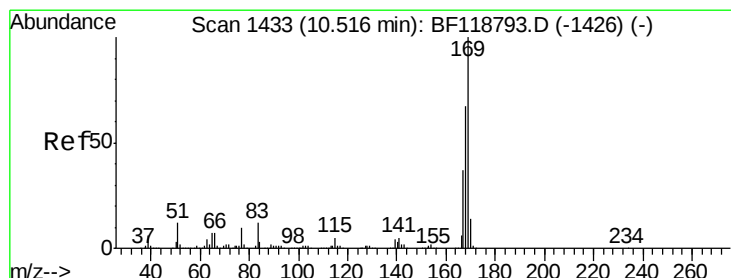
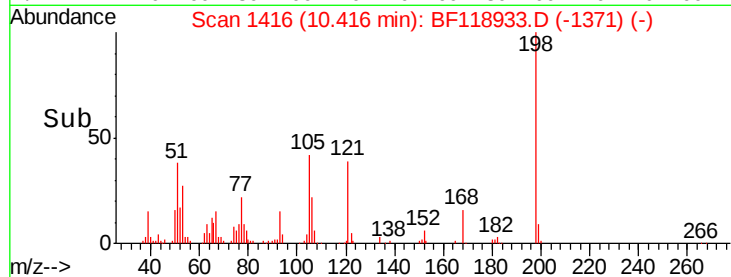
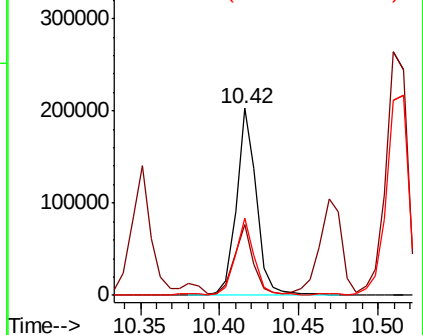
105 41.3 22.0 62.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.186 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

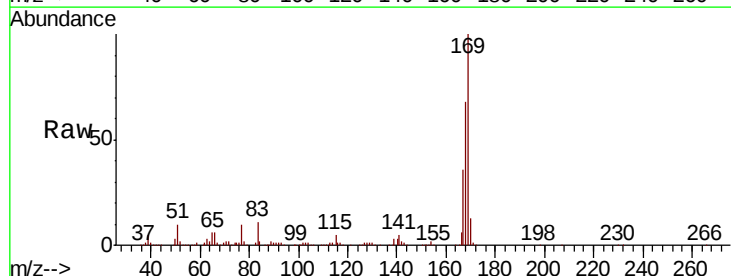
Tgt Ion:169 Resp: 896530

Ion Ratio Lower Upper

169 100

168 68.1 53.5 80.3

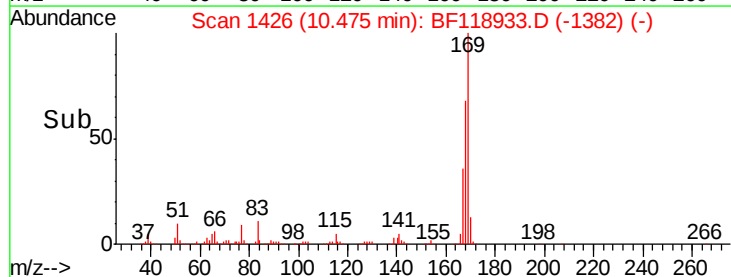
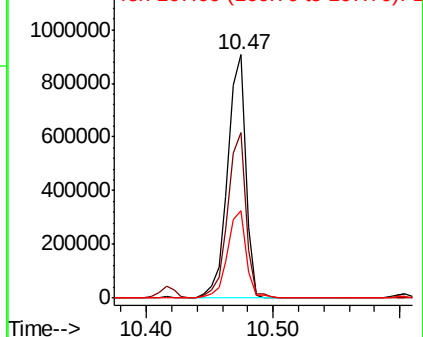
167 35.9 29.3 43.9

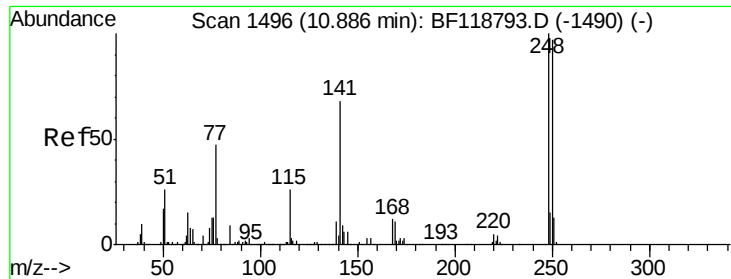


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

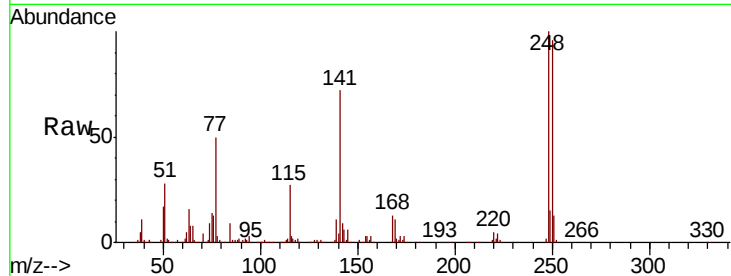




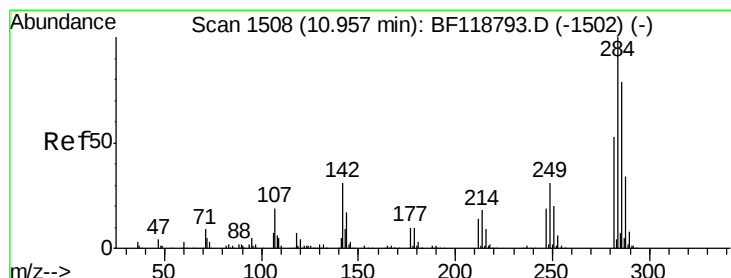
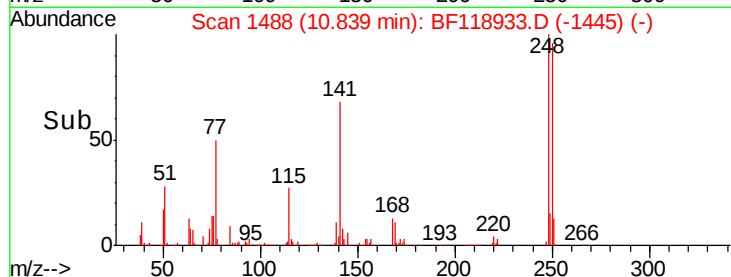
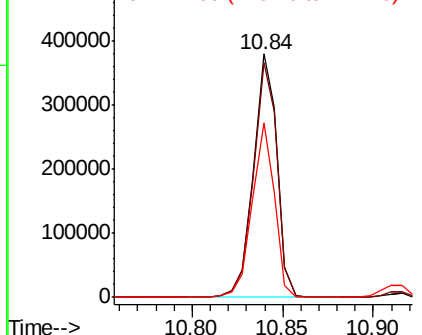
#67
4-Bromophenyl-phenylether
Concen: 42.940 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 340408
Ion Ratio Lower Upper
248 100
250 96.4 77.6 116.4
141 71.7 54.4 81.6

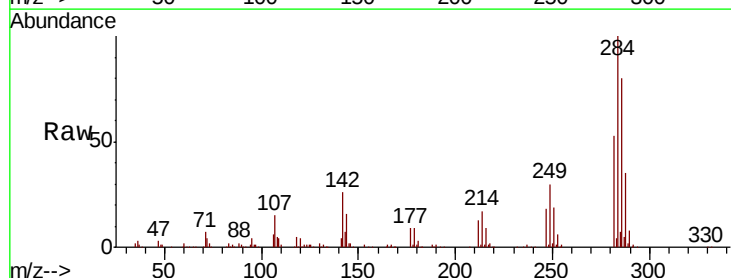


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

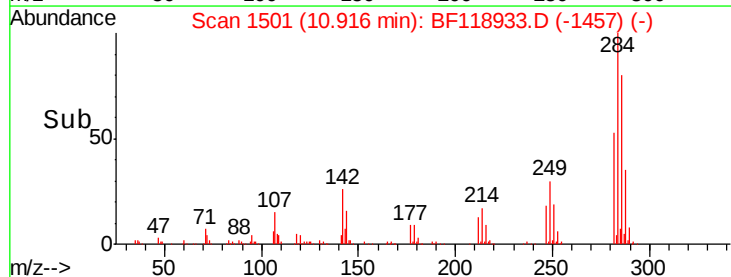
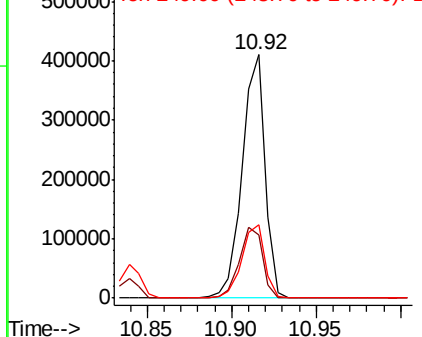


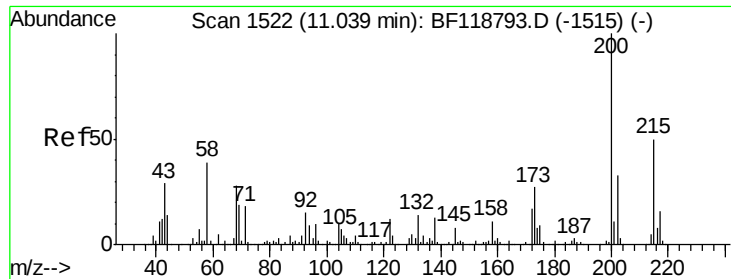
#68
Hexachlorobenzene
Concen: 42.646 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:284 Resp: 387772
Ion Ratio Lower Upper
284 100
142 26.0 24.5 36.7
249 30.3 24.7 37.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.889 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampled :

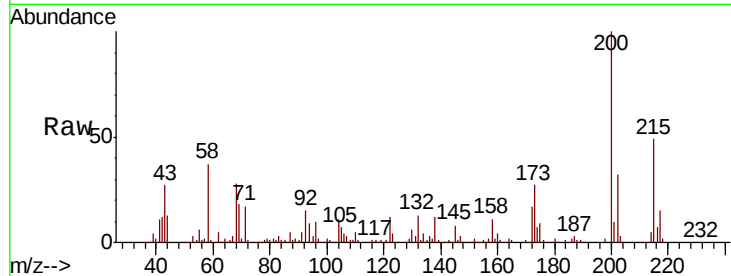
Tot Ion:200 Resp: 322633

Ion Ratio Lower Upper

200 100

173 27.5 7.5 47.5

215 49.2 29.9 69.9

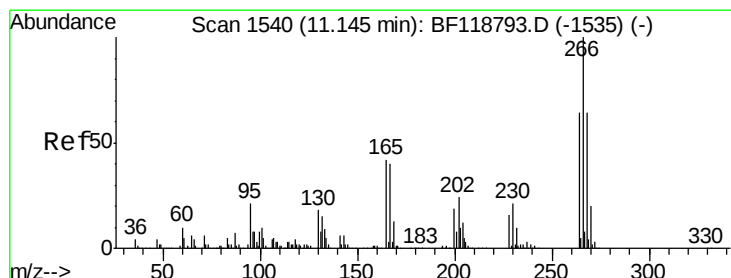
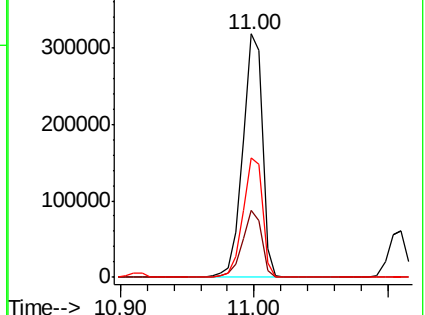
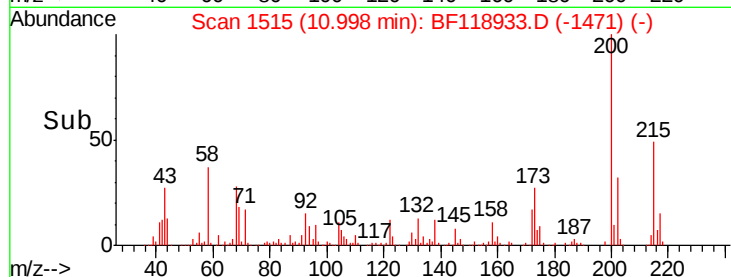


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.553 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

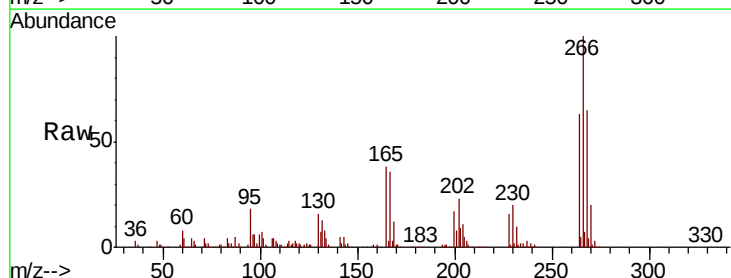
Tgt Ion:266 Resp: 362739

Ion Ratio Lower Upper

266 100

268 64.6 51.0 76.6

264 62.6 51.4 77.2

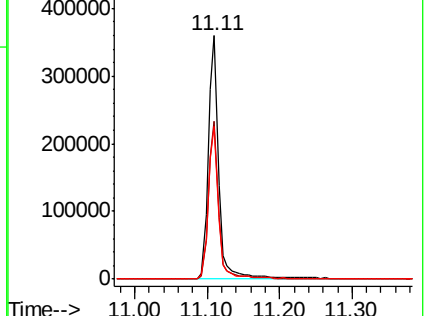
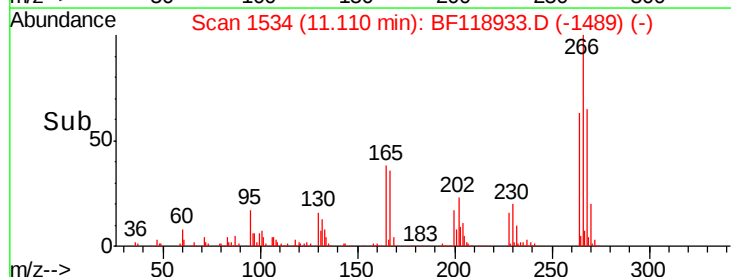


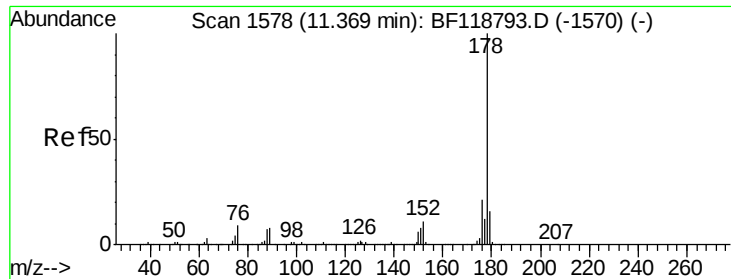
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

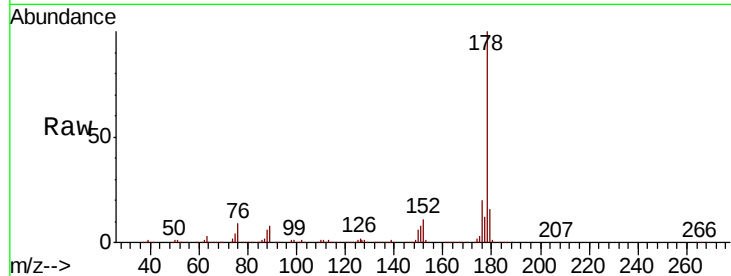




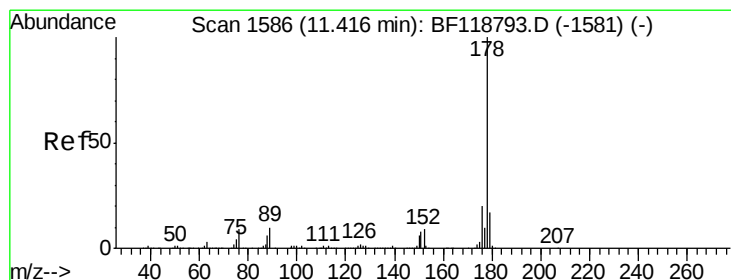
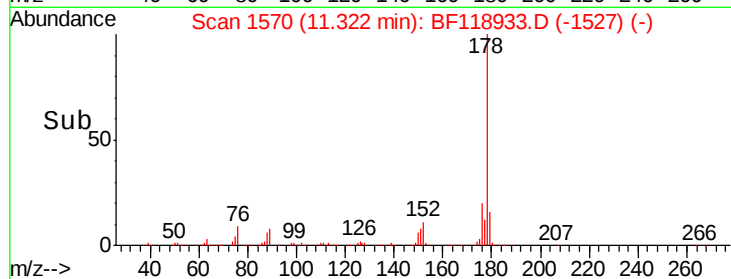
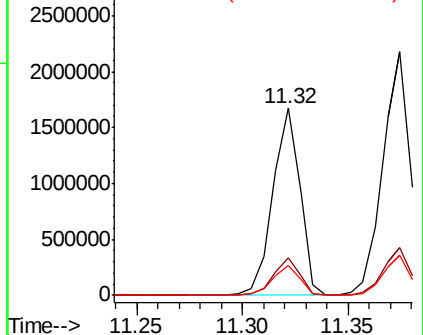
#71
Phenanthrene
Concen: 45.409 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.05 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1497199
Ion Ratio Lower Upper
178 100
176 20.3 16.6 24.8
179 16.0 13.2 19.8

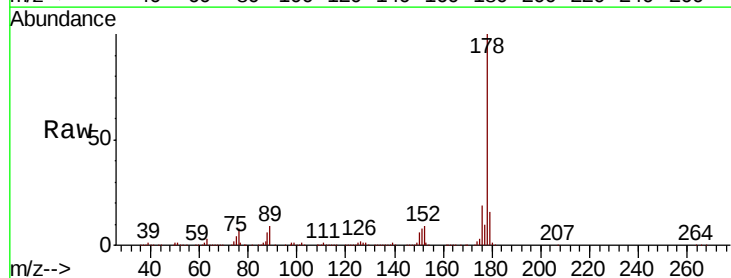


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

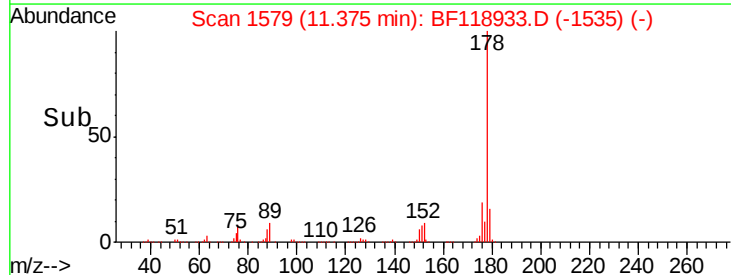
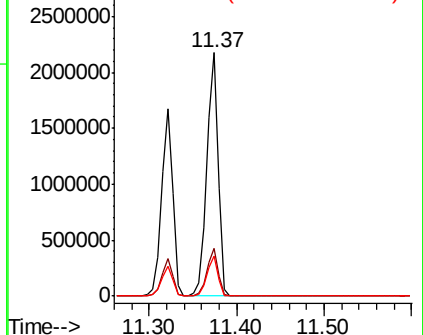


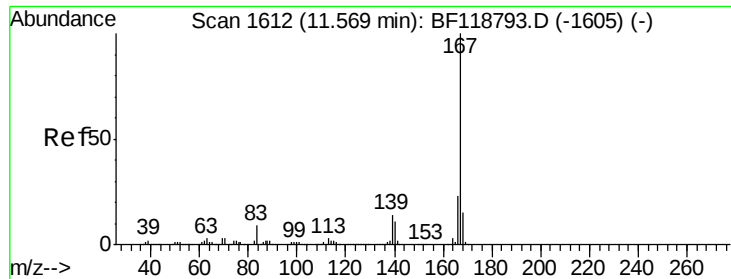
#72
Anthracene
Concen: 60.125 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.04 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:178 Resp: 1972165
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 16.2 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

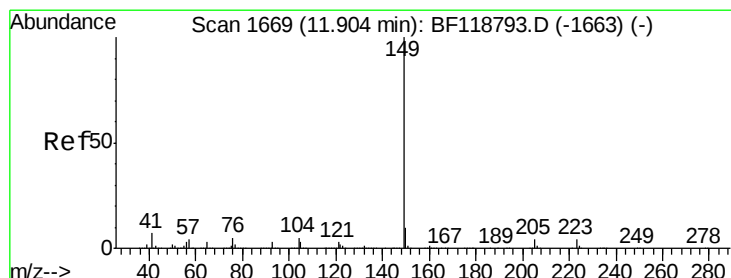
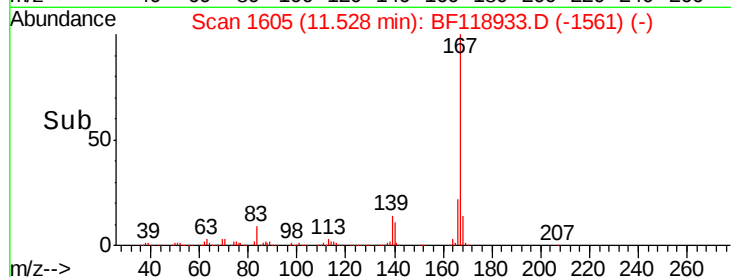
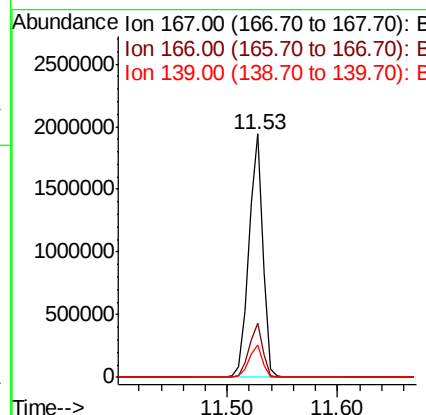
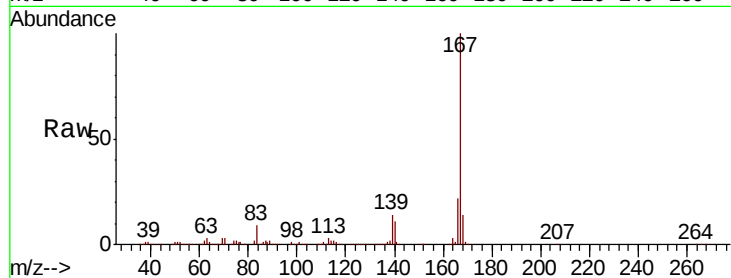




#73
 Carbazole
 Concen: 59.950 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.04 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

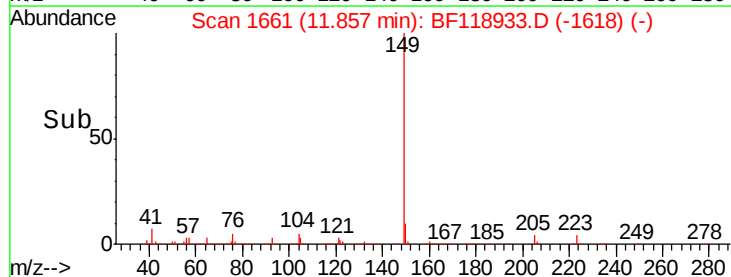
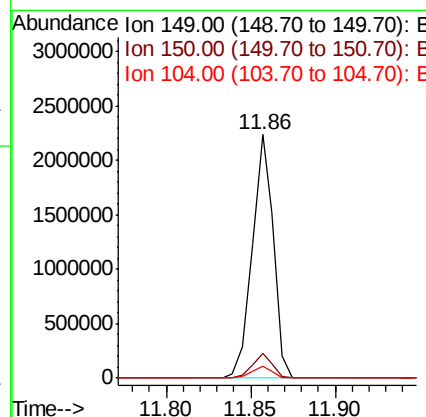
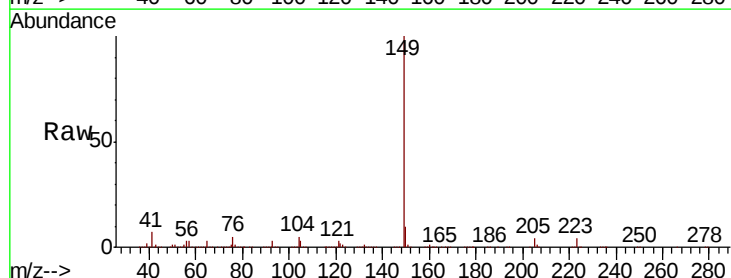
Instrument :
 BNA_F
 ClientSampled :

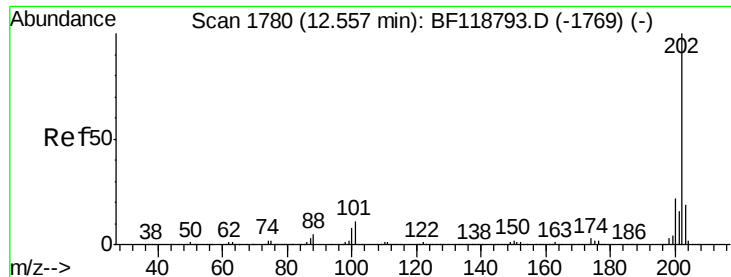
Tot Ion:167 Resp: 1725756
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.4 27.6
 139 13.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 53.187 ng
 RT: 11.86 min Scan# 1661
 Delta R.T. -0.05 min
 Lab File: BF118933.D
 Acq: 14 Feb 2020 15:49

Tgt Ion:149 Resp: 1950390
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.1 12.1
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 60.242 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampled :

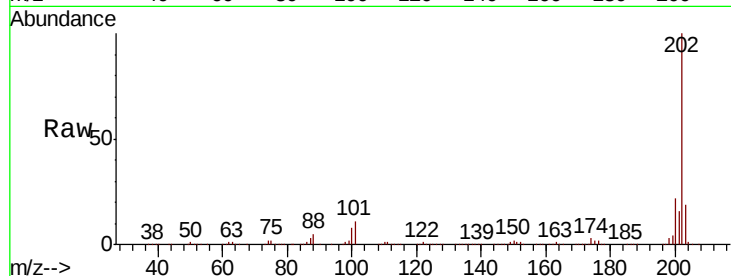
Tot Ion:202 Resp: 2168670

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.0

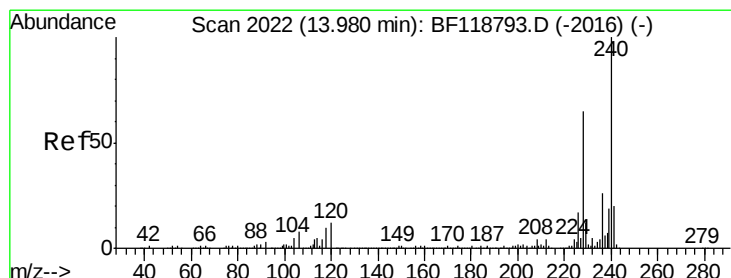
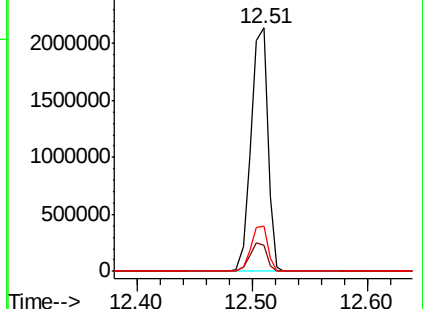
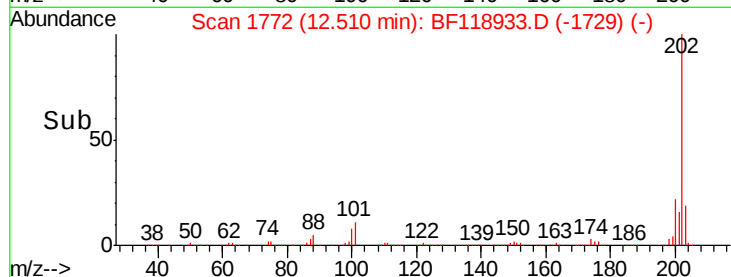
203 18.6 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

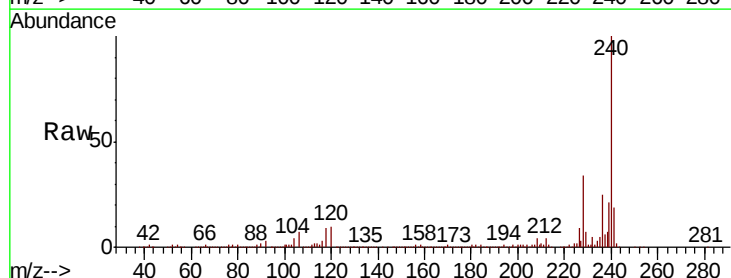
Tgt Ion:240 Resp: 501502

Ion Ratio Lower Upper

240 100

120 9.7 9.4 14.0

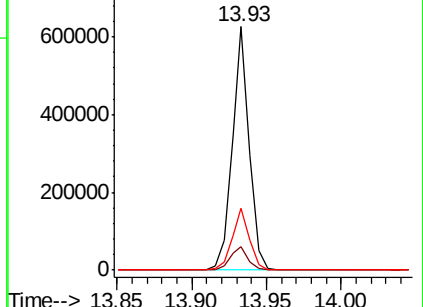
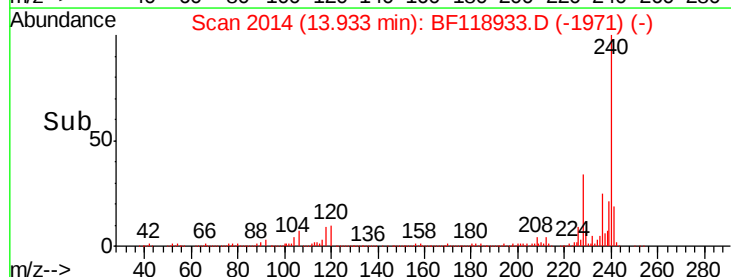
236 25.4 21.0 31.6

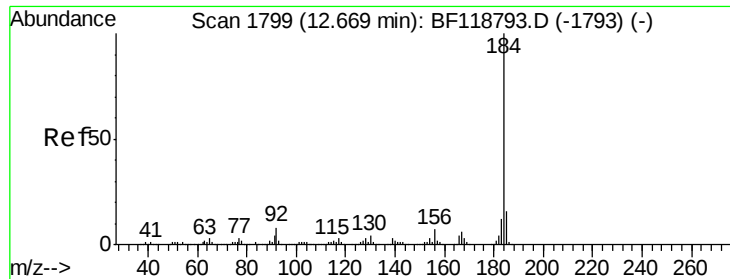


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 72.464 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.04 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampled :

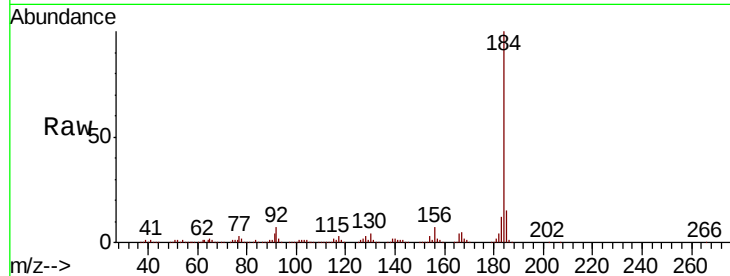
Tot Ion:184 Resp: 1099148

Ion Ratio Lower Upper

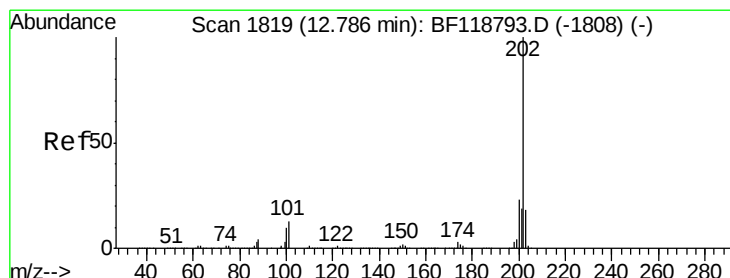
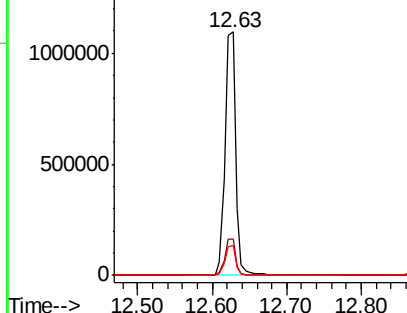
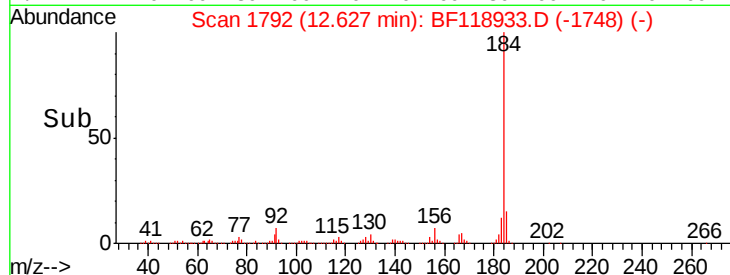
184 100

185 14.8 12.5 18.7

183 12.3 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 64.687 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

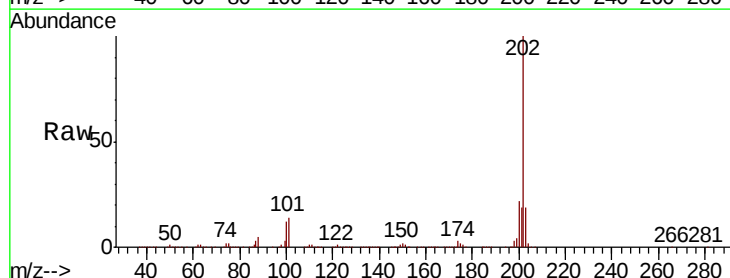
Tgt Ion:202 Resp: 2225512

Ion Ratio Lower Upper

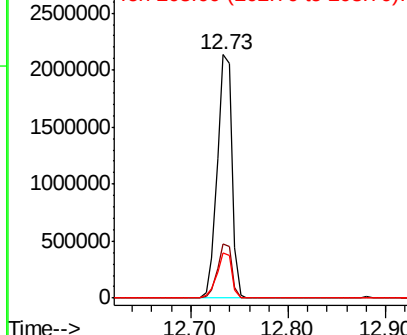
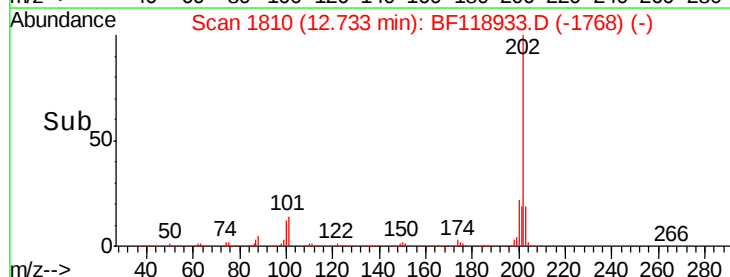
202 100

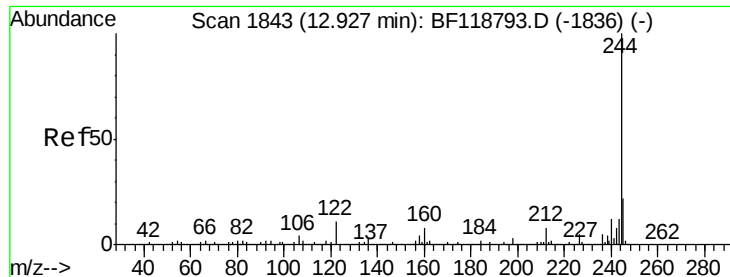
200 22.3 18.2 27.2

203 18.7 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 105.838 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

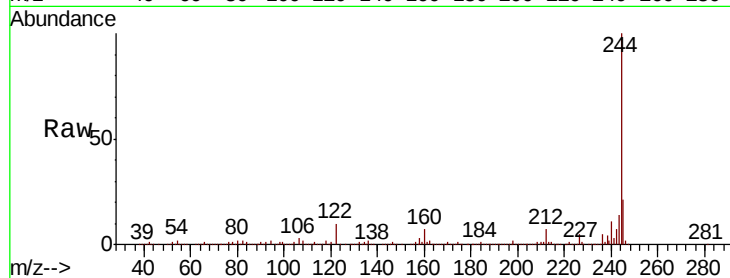
Tot Ion:244 Resp: 2584065

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

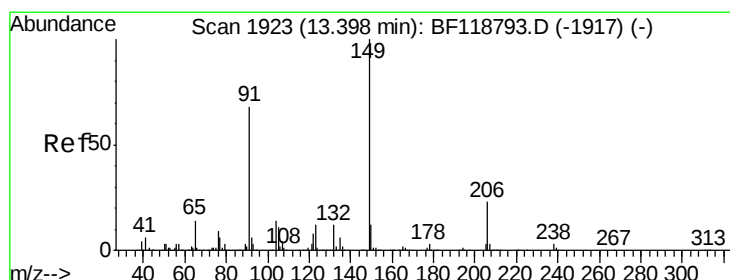
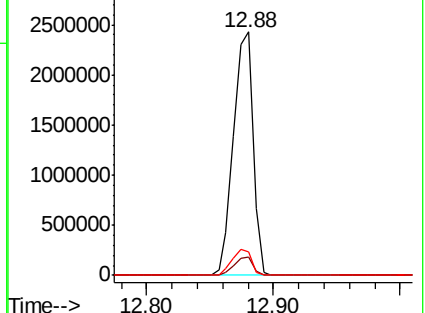
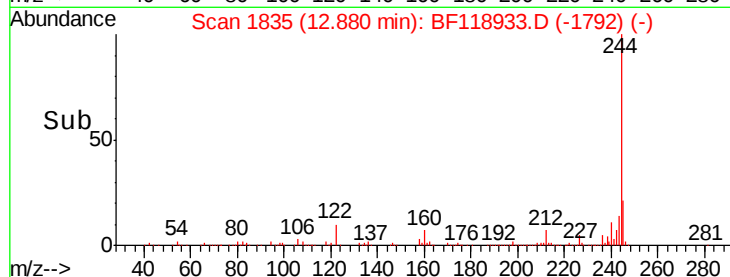
122 9.5 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 55.828 ng

RT: 13.35 min Scan# 1915

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

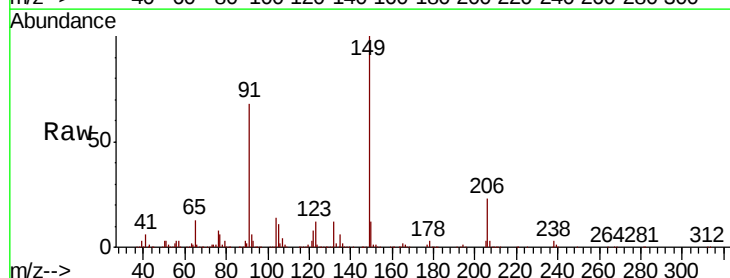
Tgt Ion:149 Resp: 876680

Ion Ratio Lower Upper

149 100

91 67.6 54.7 82.1

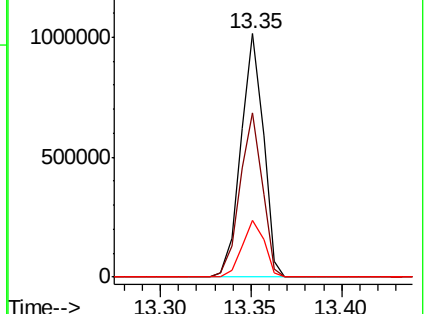
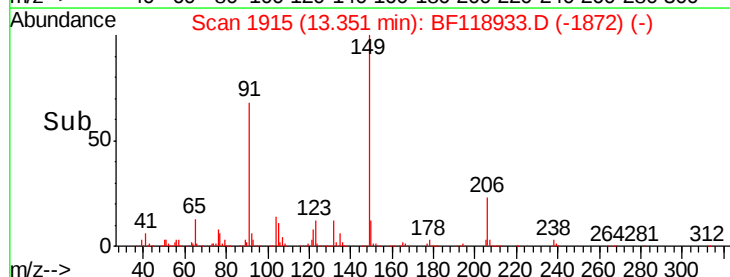
206 23.4 18.5 27.7

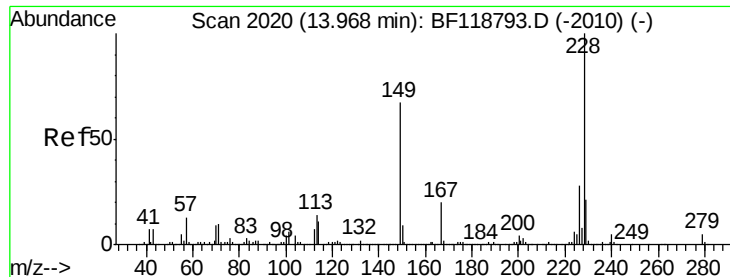


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.337 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

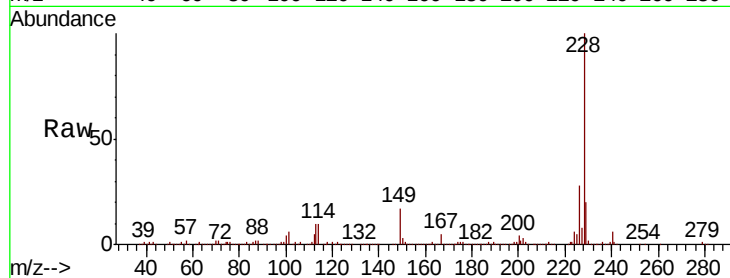
Tot Ion:228 Resp: 1382807

Ion Ratio Lower Upper

228 100

226 28.0 22.7 34.1

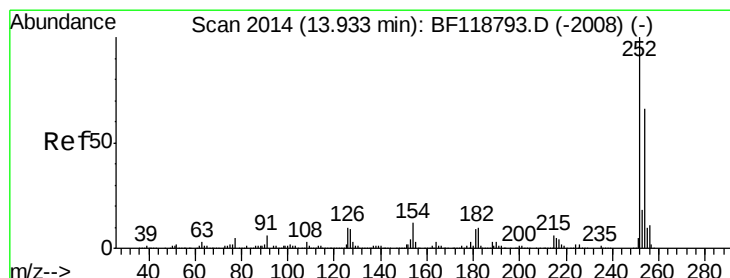
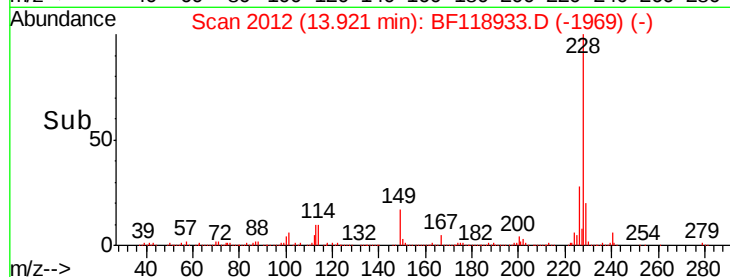
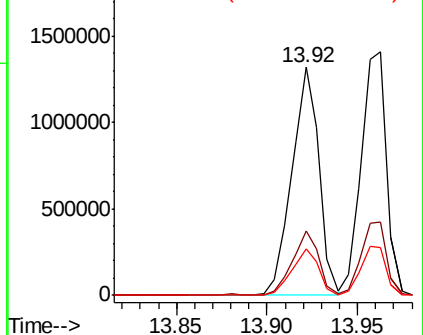
229 20.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.388 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

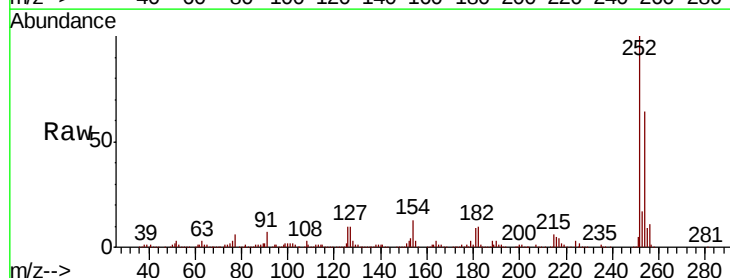
Tgt Ion:252 Resp: 395307

Ion Ratio Lower Upper

252 100

254 64.1 52.4 78.6

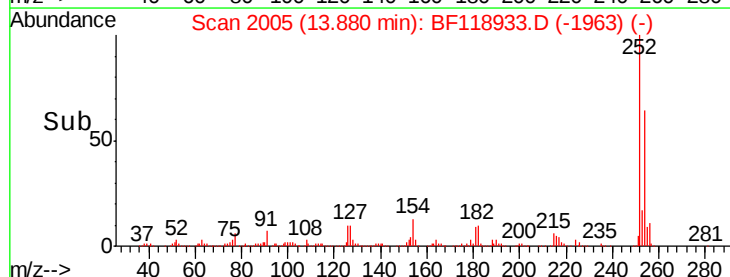
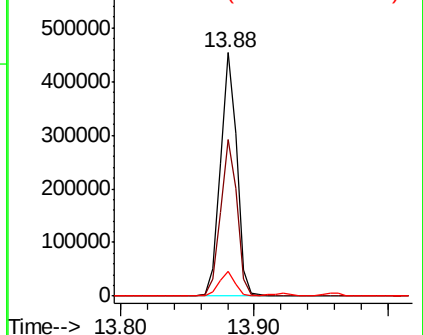
126 10.3 7.8 11.8

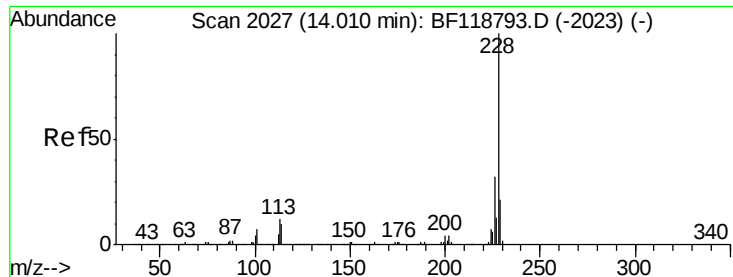


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.864 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Instrument :

BNA_F

ClientSampleId :

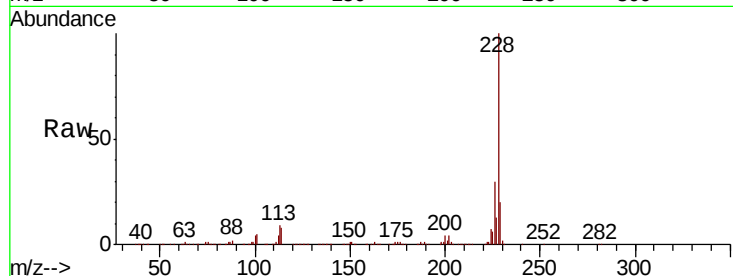
Tot Ion:228 Resp: 1373688

Ion Ratio Lower Upper

228 100

226 30.3 25.4 38.0

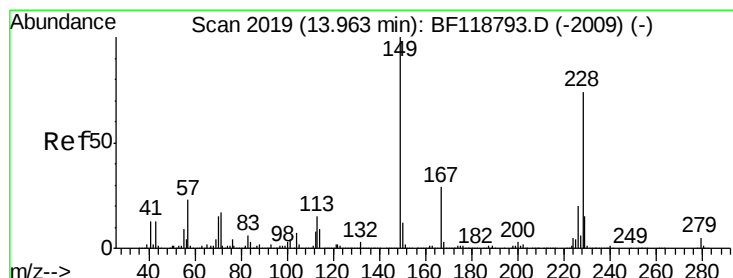
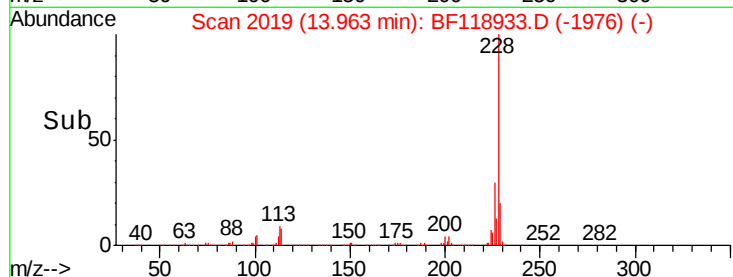
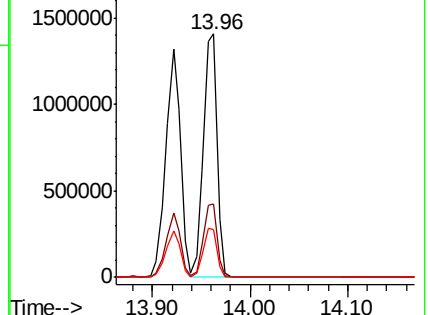
229 19.8 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.168 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

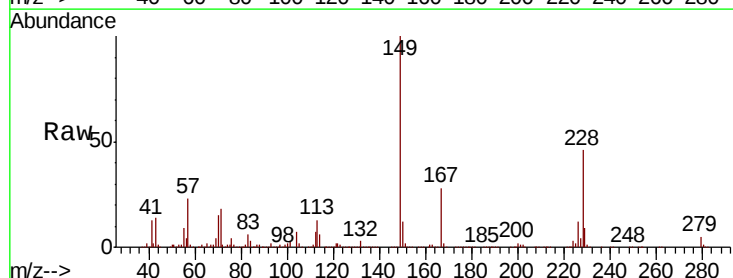
Tgt Ion:149 Resp: 820189

Ion Ratio Lower Upper

149 100

167 27.6 23.0 34.6

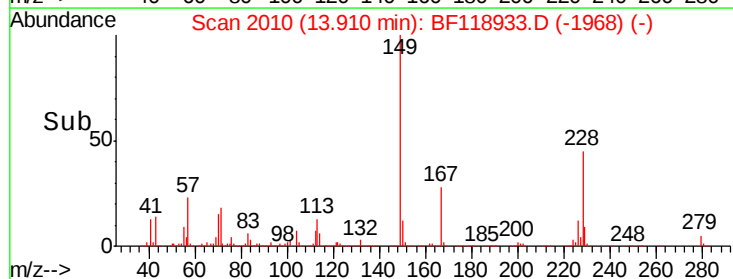
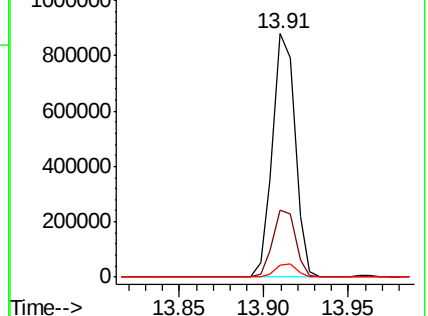
279 4.8 4.4 6.6

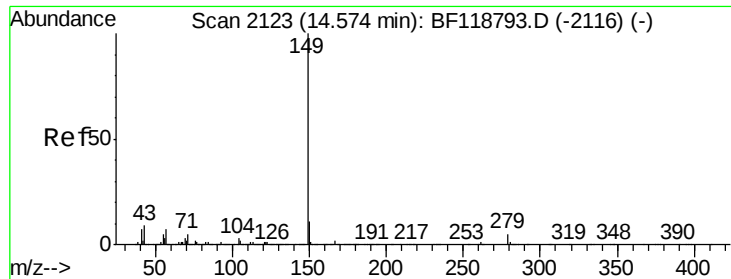


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.837 ng

RT: 14.52 min Scan# 2114

Delta R.T. -0.05 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

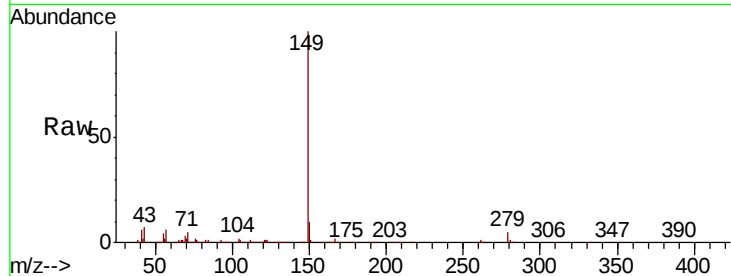
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1359664

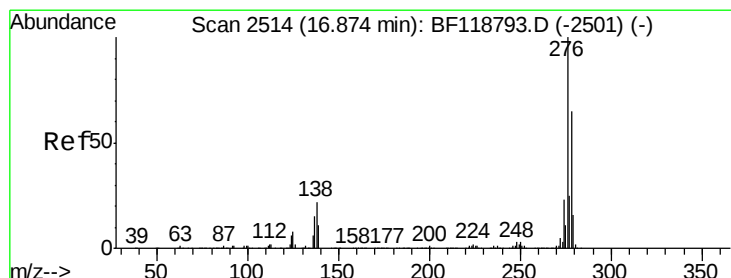
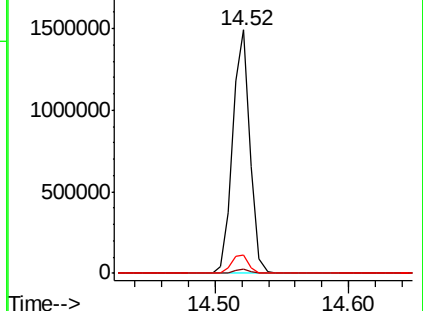
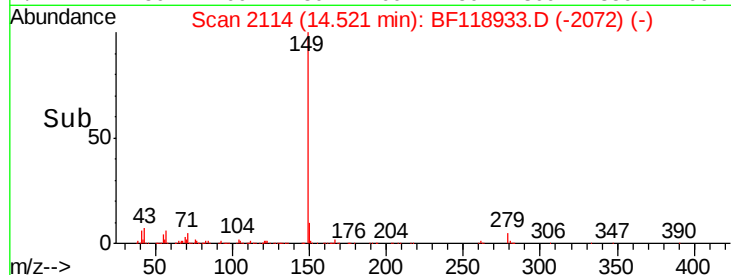
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	7.8	6.6	10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.821 ng

RT: 16.78 min Scan# 2498

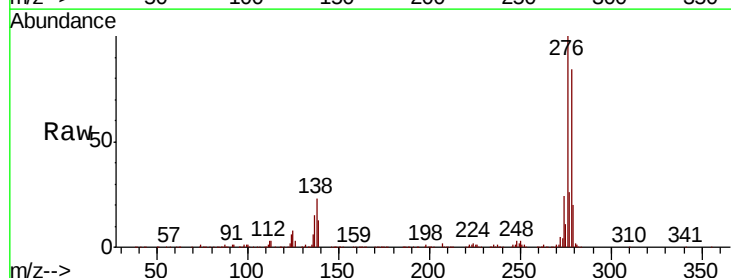
Delta R.T. -0.09 min

Lab File: BF118933.D

Acq: 14 Feb 2020 15:49

Tgt Ion:276 Resp: 1198340

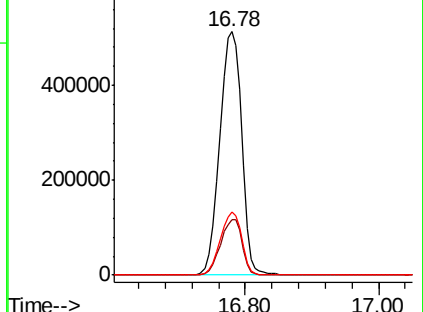
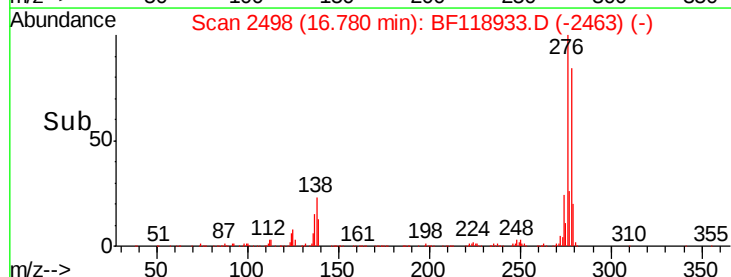
Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.3	27.5
277	25.3	20.2	30.4

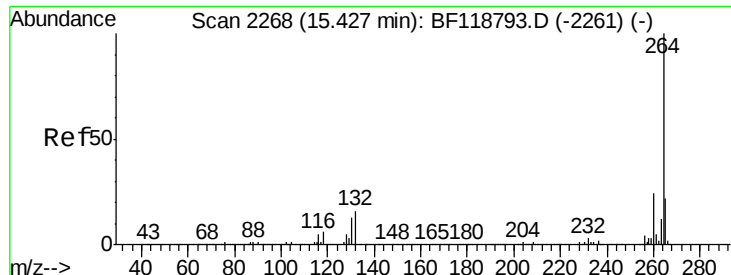


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



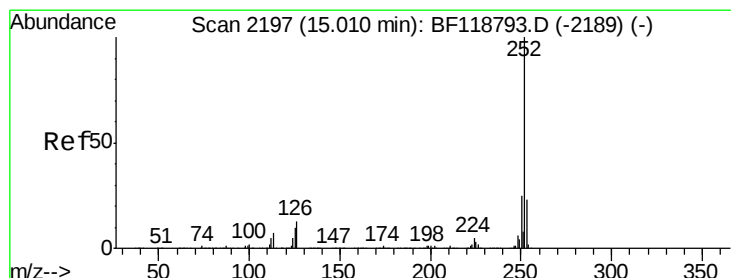
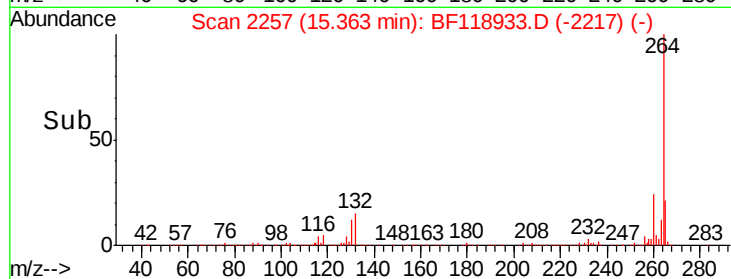
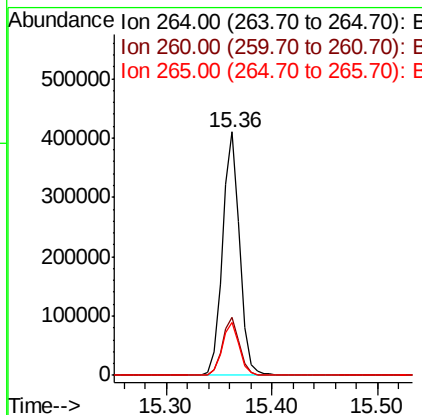
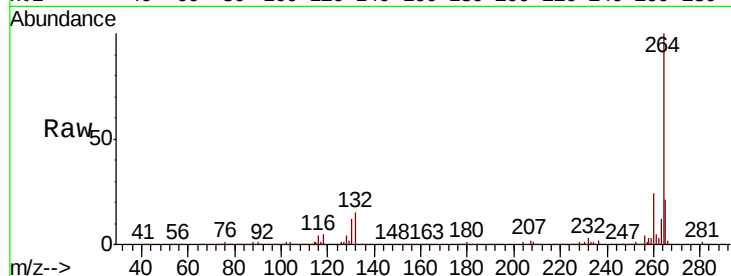


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.06 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 462362

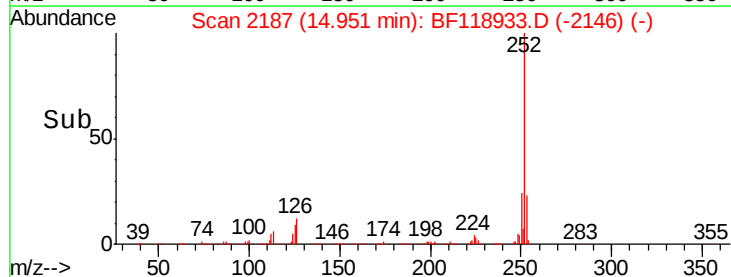
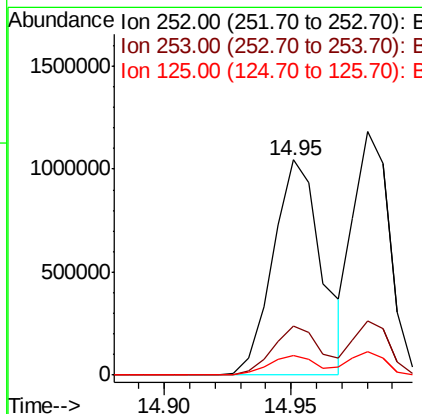
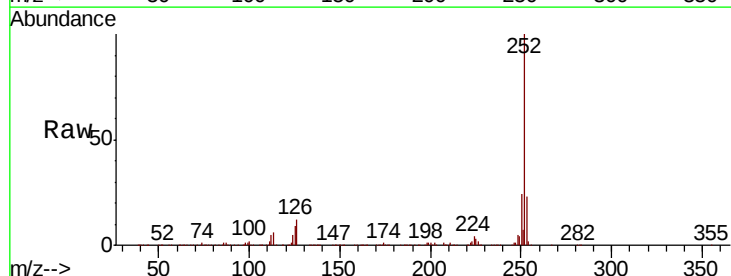
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.5	17.2	25.8

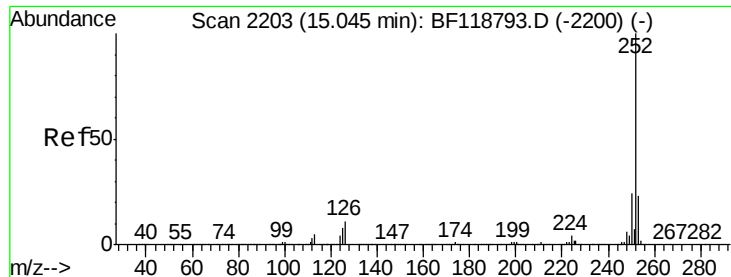


#88
Benzo(b)fluoranthene
Concen: 48.547 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.06 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:252 Resp: 1392836

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	9.4	8.1	12.1

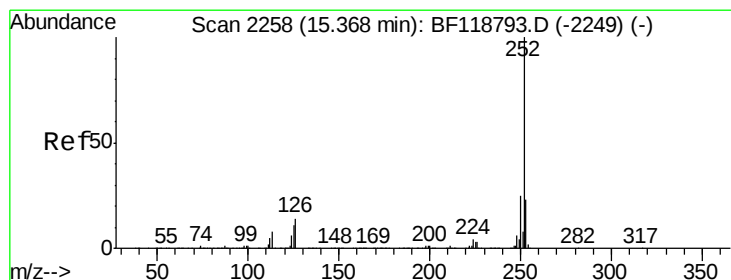
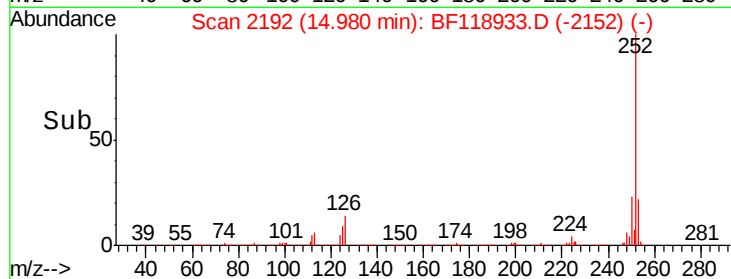
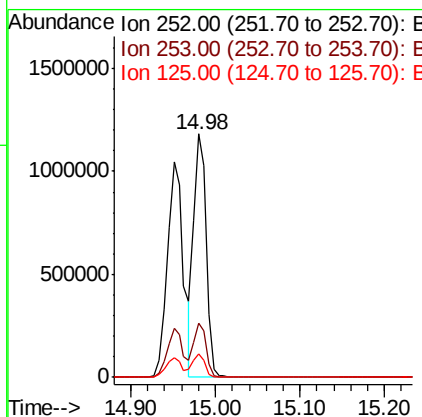
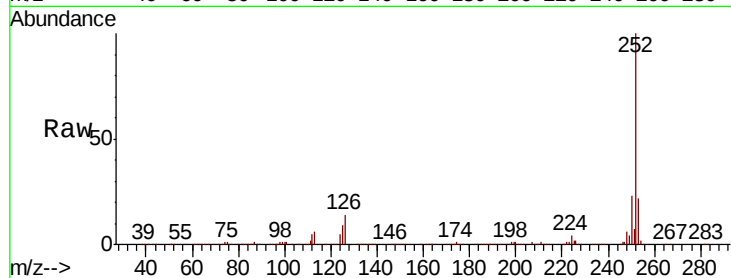




#89
Benzo(k)fluoranthene
Concen: 47.485 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.06 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

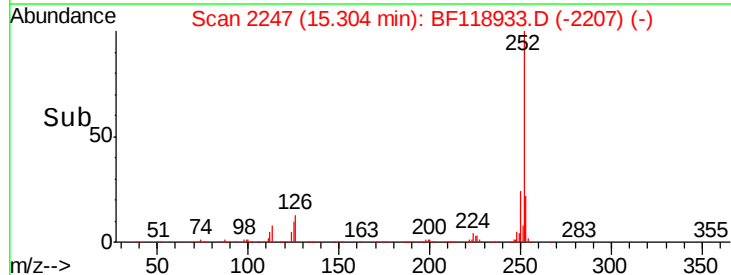
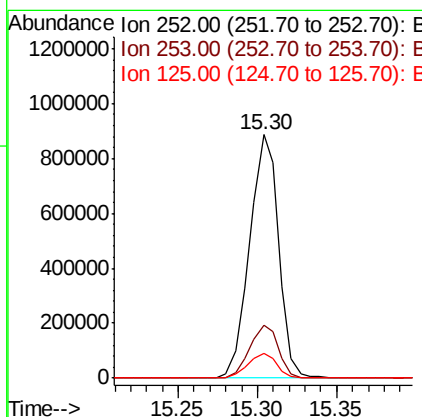
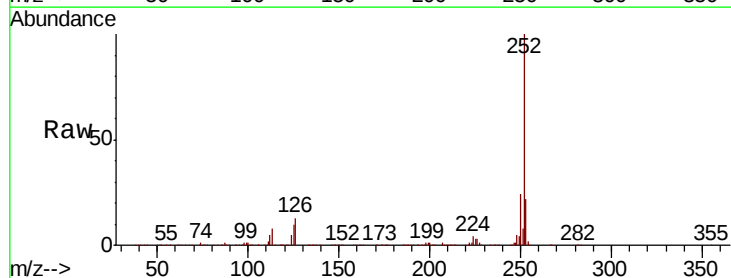
Instrument :
BNA_F
ClientSampleId :

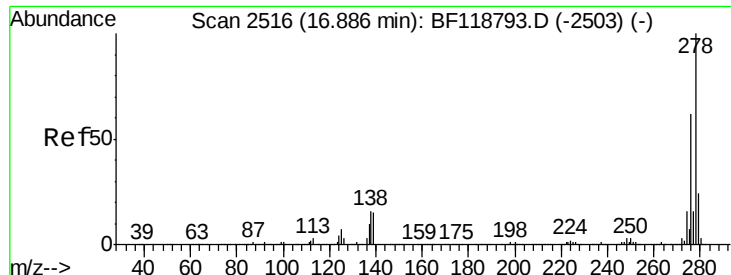
Tot Ion:252 Resp: 1186353
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 9.4 7.0 10.6



#90
Benzo(a)pyrene
Concen: 45.938 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.06 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:252 Resp: 1127934
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 10.1 8.7 13.1

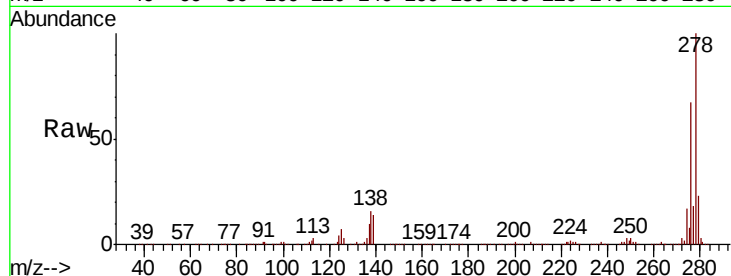




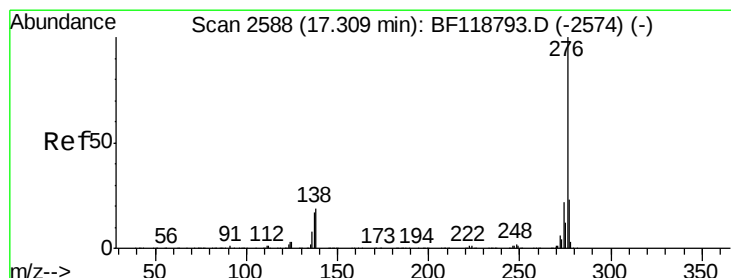
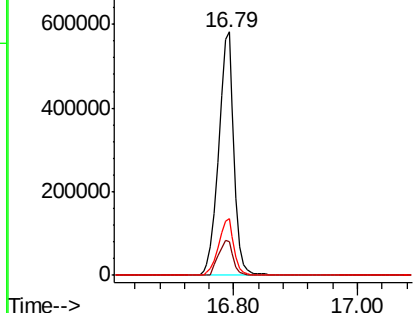
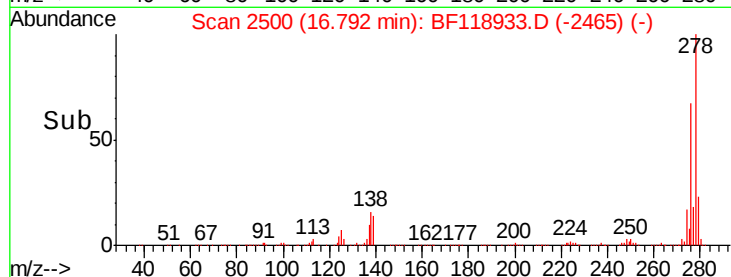
#91
Dibenzo(a,h)anthracene
Concen: 45.921 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.09 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1000948
Ion Ratio Lower Upper
278 100
139 13.9 12.3 18.5
279 23.2 19.1 28.7

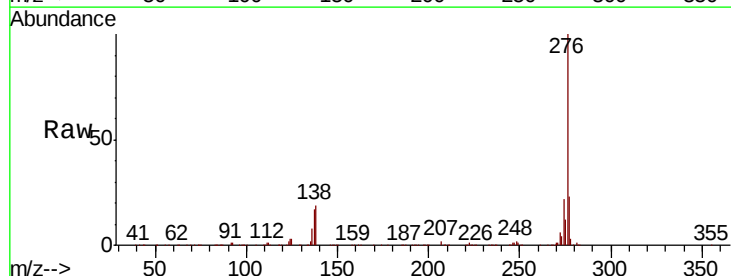


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.242 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.11 min
Lab File: BF118933.D
Acq: 14 Feb 2020 15:49

Tgt Ion:276 Resp: 1011274
Ion Ratio Lower Upper
276 100
277 23.2 18.7 28.1
138 19.2 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

