

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021420\
 Data File : BF118932.D
 Acq On : 14 Feb 2020 14:16
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 03:35:13 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	6.78	152	195923	20.00	ng	-0.04
21) Naphthalene-d8	8.06	136	716783	20.00	ng	-0.04
39) Acenaphthene-d10	9.82	164	392038	20.00	ng	-0.04
64) Phenanthrene-d10	11.30	188	729966	20.00	ng	-0.04
76) Chrysene-d12	13.93	240	826645	20.00	ng	-0.05
87) Perylene-d12	15.36	264	731877	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1092910	105.59	ng	-0.04
7) Phenol-d6	6.42	99	1299558	101.15	ng	-0.03
23) Nitrobenzene-d5	7.35	82	1001899	83.31	ng	-0.04
42) 2,4,6-Tribromophenol	10.60	330	383979	81.86	ng	-0.04
45) 2-Fluorobiphenyl	9.14	172	1921206	87.61	ng	-0.04
79) Terphenyl-d14	12.88	244	3002190	74.60	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	198961	42.180	ng	99
3) Pyridine	3.23	79	737705	56.322	ng	100
4) n-Nitrosodimethylamine	3.17	42	265452	55.665	ng	99
6) Aniline	6.45	93	860638	52.009	ng	96
8) 2-Chlorophenol	6.57	128	623291	54.066	ng	99
9) Benzaldehyde	6.33	77	371269	60.413	ng	99
10) Phenol	6.43	94	735843	51.507	ng	84
11) bis(2-Chloroethyl)ether	6.52	93	600450	54.937	ng	98
12) 1,3-Dichlorobenzene	6.72	146	581010	42.340	ng	98
13) 1,4-Dichlorobenzene	6.80	146	583672	42.642	ng	99
14) 1,2-Dichlorobenzene	6.95	146	534395	40.870	ng	98
15) Benzyl Alcohol	6.92	79	411208	41.405	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	528897	39.514	ng	96
17) 2-Methylphenol	7.04	107	398846	41.613	ng	99
18) Hexachloroethane	7.29	117	205364	41.803	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	310708	39.524	ng	99
20) 3+4-Methylphenols	7.19	107	462818	38.524	ng	# 87
22) Acetophenone	7.19	105	649496	41.706	ng	98
24) Nitrobenzene	7.36	77	502201	41.803	ng	98
25) Isophorone	7.60	82	866561	40.095	ng	100
26) 2-Nitrophenol	7.68	139	266668	41.657	ng	96
27) 2,4-Dimethylphenol	7.72	122	355538	40.886	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	569446	40.633	ng	98
29) 2,4-Dichlorophenol	7.92	162	428717	41.167	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	500279	41.099	ng	98
31) Naphthalene	8.09	128	1398117	42.648	ng	98
32) Benzoic acid	7.86	122	265293	36.848	ng	98
33) 4-Chloroaniline	8.13	127	600876	40.968	ng	98
34) Hexachlorobutadiene	8.20	225	312357	41.885	ng	99
35) Caprolactam	8.51	113	133180	39.449	ng	97
36) 4-Chloro-3-methylphenol	8.62	107	432309	41.250	ng	98
37) 2-Methylnaphthalene	8.77	142	937751	41.245	ng	98
38) 1-Methylnaphthalene	8.87	142	885417	41.397	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	504730	42.658	ng	100

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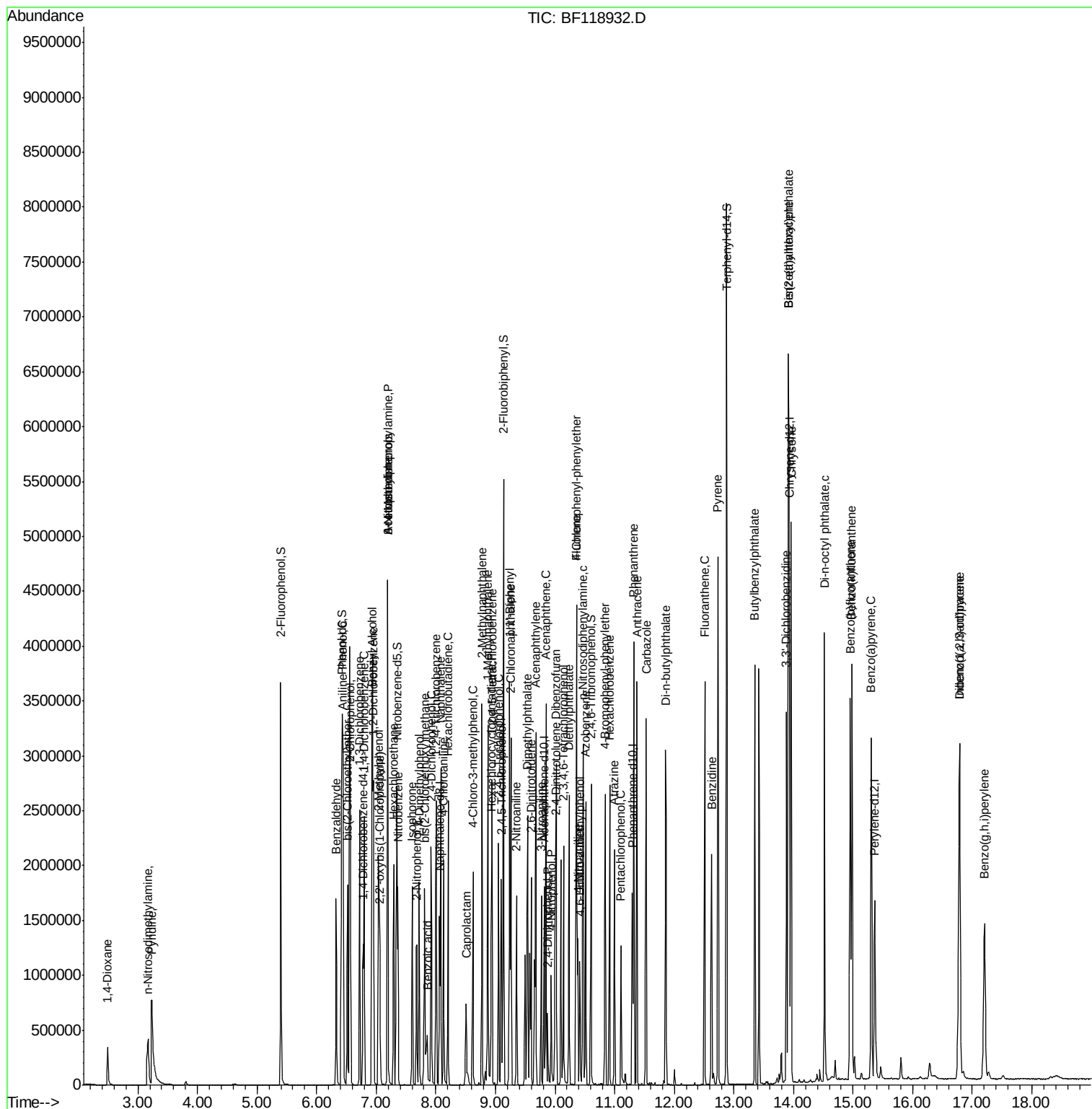
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	163241	35.185	nq	99
43) 2,4,6-Trichlorophenol	9.05	196	318918	40.307	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	332784	41.164	nq	99
46) 1,1'-Biphenyl	9.24	154	1171349	43.193	nq	98
47) 2-Chloronaphthalene	9.26	162	966507	42.870	nq	99
48) 2-Nitroaniline	9.36	65	271025	41.681	nq	94
49) Acenaphthylene	9.67	152	1402035	43.071	nq	100
50) Dimethylphthalate	9.54	163	1125856	42.176	nq	99
51) 2,6-Dinitrotoluene	9.60	165	256918	42.063	nq	99
52) Acenaphthene	9.85	154	846035	39.442	nq	99
53) 3-Nitroaniline	9.77	138	282988	41.777	nq	96
54) 2,4-Dinitrophenol	9.88	184	103324	35.189	nq	91
55) Dibenzofuran	10.02	168	1266830	40.866	nq	98
56) 4-Nitrophenol	9.94	139	181364	36.994	nq	93
57) 2,4-Dinitrotoluene	10.00	165	332753	41.167	nq	# 87
58) Fluorene	10.36	166	977862	41.930	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	286239	40.542	nq	99
60) Diethylphthalate	10.23	149	1065209	41.038	nq	98
61) 4-Chlorophenyl-phenylether	10.35	204	510565	40.369	nq	97
62) 4-Nitroaniline	10.38	138	291608	42.988	nq	96
63) Azobenzene	10.52	77	927620	41.859	nq	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	164396	40.079	nq	98
66) n-Nitrosodiphenylamine	10.47	169	893060	42.236	nq	100
67) 4-Bromophenyl-phenylether	10.84	248	354369	41.038	nq	96
68) Hexachlorobenzene	10.92	284	412036	41.601	nq	95
69) Atrazine	11.00	200	274739	39.001	nq	99
70) Pentachlorophenol	11.10	266	172924	33.065	nq	98
71) Phenanthrene	11.32	178	1486261	41.382	nq	99
72) Anthracene	11.37	178	1481969	41.477	nq	98
73) Carbazole	11.53	167	1322501	42.176	nq	99
74) Di-n-butylphthalate	11.86	149	1594897	39.928	nq	99
75) Fluoranthene	12.51	202	1595137	40.679	nq	98
77) Benzidine	12.63	184	891371	35.651	nq	98
78) Pyrene	12.73	202	2129925	37.558	nq	99
80) Butylbenzylphthalate	13.35	149	847197	32.730	nq	98
81) Benzo(a)anthracene	13.92	228	1930504	39.246	nq	100
82) 3,3'-Dichlorobenzidine	13.88	252	748719	37.215	nq	# 98
83) Chrysene	13.96	228	1929895	39.090	nq	100
84) Bis(2-ethylhexyl)phthalate	13.92	149	1164155	35.450	nq	99
85) Di-n-octyl phthalate	14.52	149	1916254	34.061	nq	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	1606523	32.387	nq	99
88) Benzo(b)fluoranthene	14.95	252	1891171	41.643	nq	100
89) Benzo(k)fluoranthene	14.99	252	1703005	43.063	nq	99
90) Benzo(a)pyrene	15.30	252	1618356	41.639	nq	100
91) Dibenzo(a,h)anthracene	16.79	278	1324115	38.377	nq	99
92) Benzo(g,h,i)perylene	17.20	276	1291719	38.929	nq	97

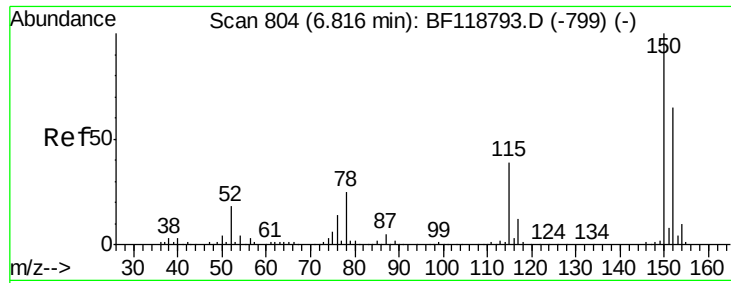
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 2      Sample Multiplier: 1
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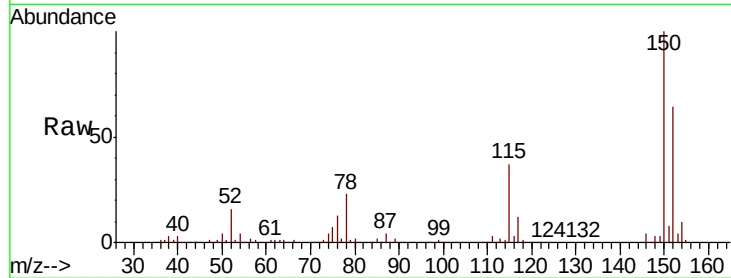


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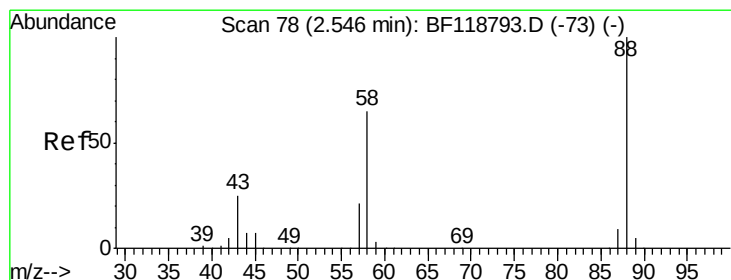
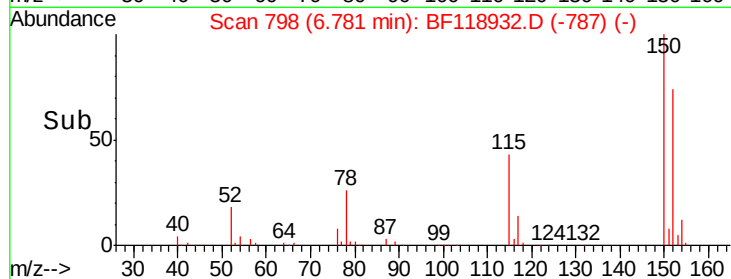
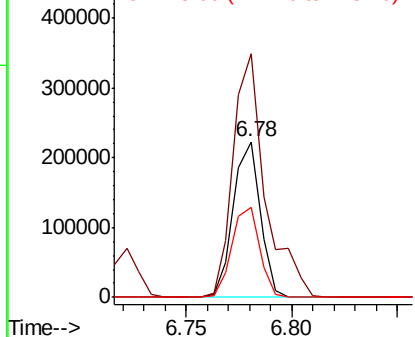
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 195923
Ion Ratio Lower Upper
152 100
150 156.8 123.6 185.4
115 58.3 48.2 72.2



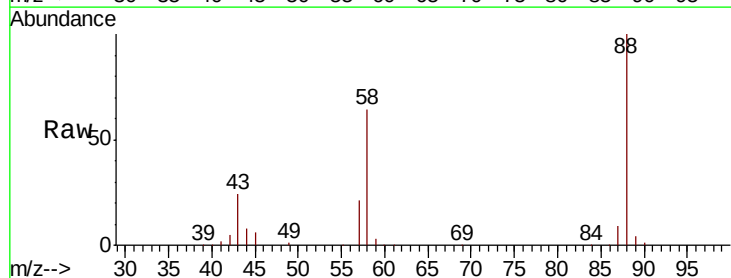
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



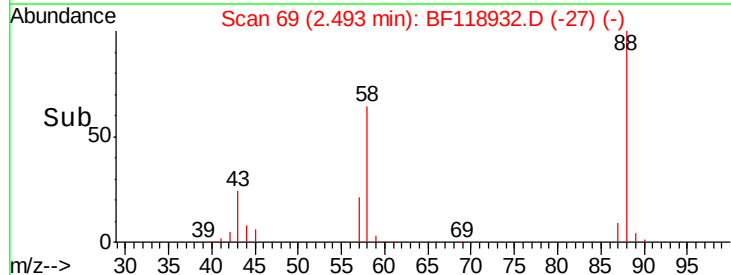
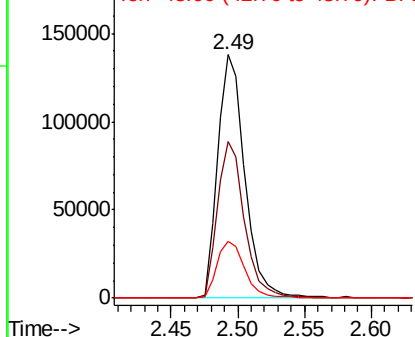
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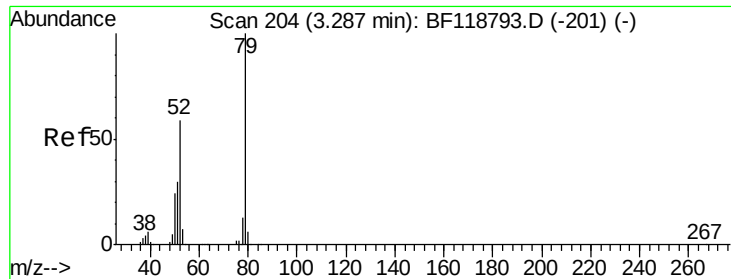
1,4-Dioxane
Concen: 42.180 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.05 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion: 88 Resp: 198961
Ion Ratio Lower Upper
88 100
58 63.8 51.6 77.4
43 24.2 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: 56.322 ng

RT: 3.23 min Scan# 195

Delta R.T. -0.05 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

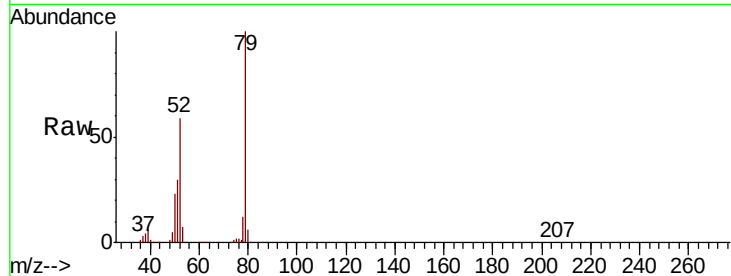
Tot Ion: 79 Resp: 737705

Ion Ratio Lower Upper

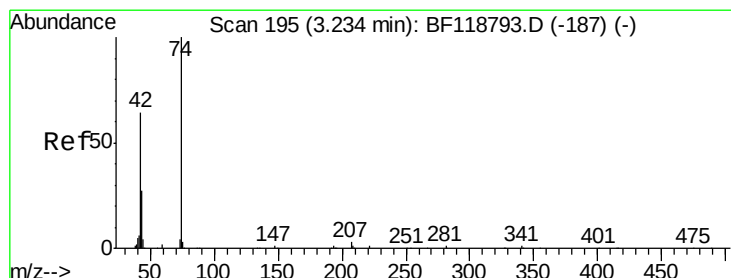
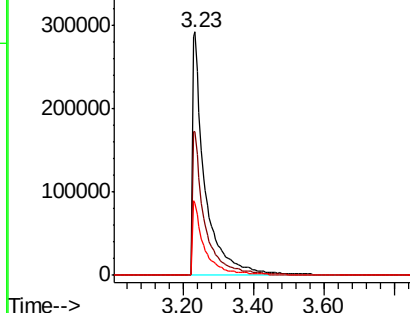
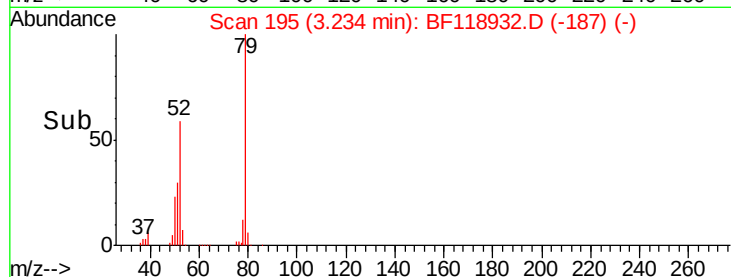
79 100

52 59.1 47.4 71.0

51 29.7 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: 55.665 ng

RT: 3.17 min Scan# 185

Delta R.T. -0.06 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

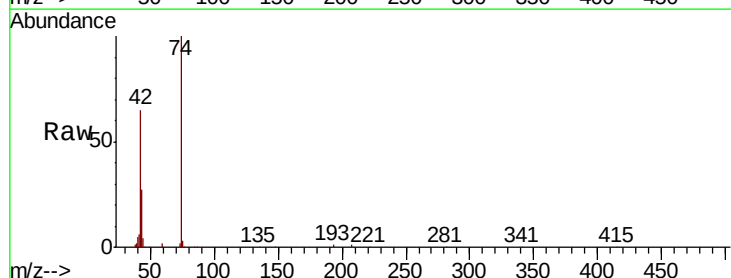
Tgt Ion: 42 Resp: 265452

Ion Ratio Lower Upper

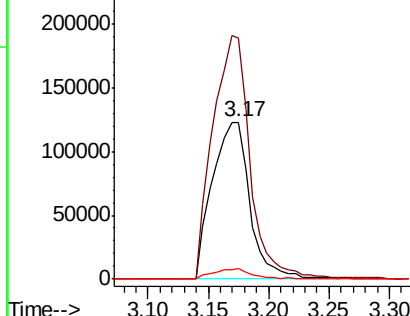
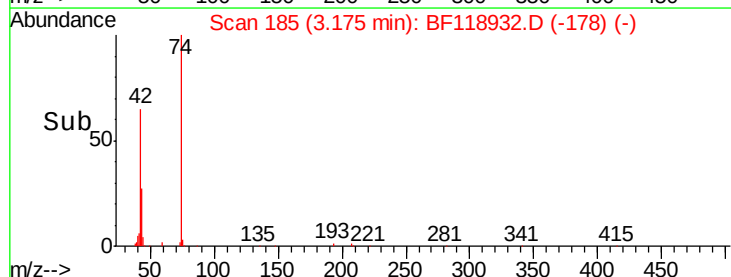
42 100

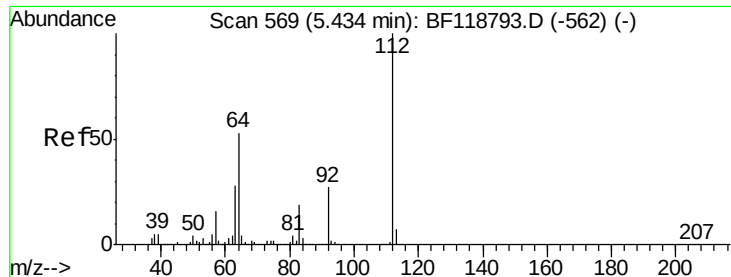
74 153.6 124.3 186.5

44 6.4 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: 105.592 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.04 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

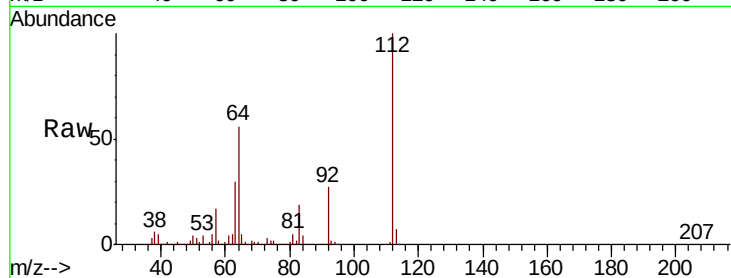
Tot Ion:112 Resp: 1092910

Ion Ratio Lower Upper

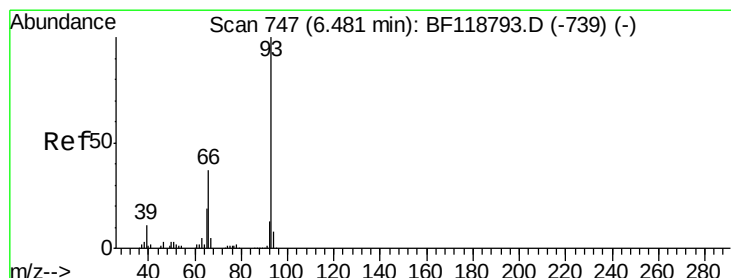
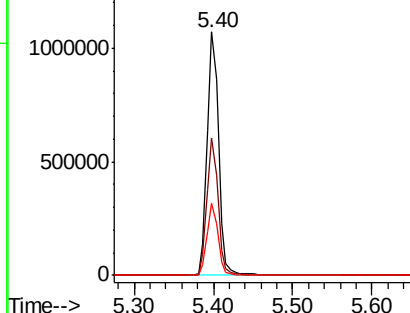
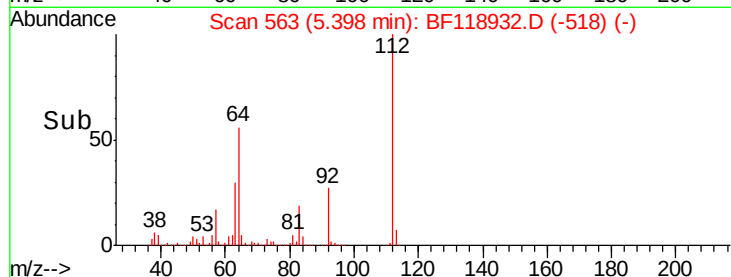
112 100

64 56.3 42.6 63.8

63 29.6 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: 52.009 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.04 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

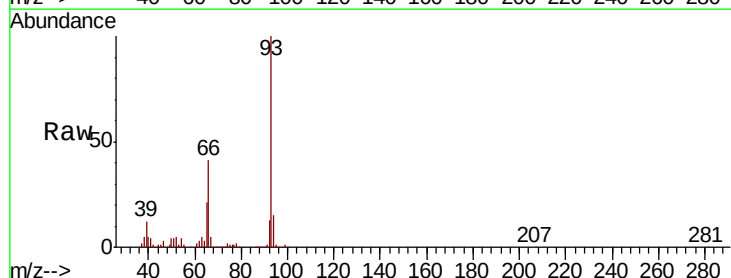
Tgt Ion: 93 Resp: 860638

Ion Ratio Lower Upper

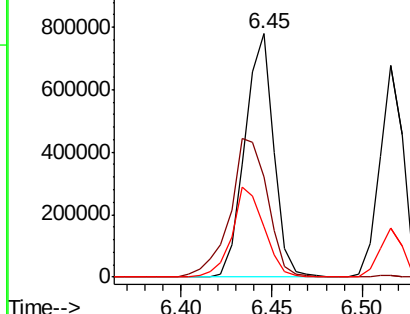
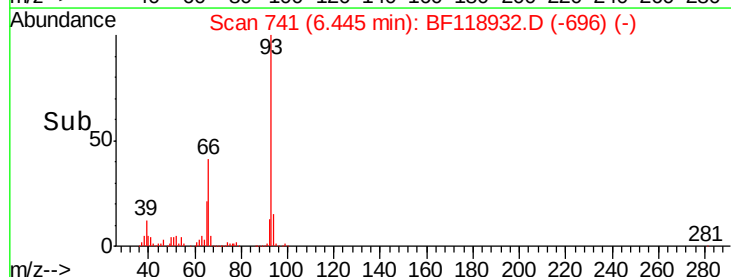
93 100

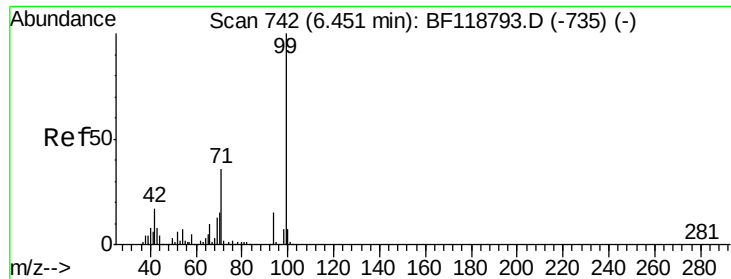
66 41.2 30.8 46.2

65 20.6 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: 101.146 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampled :

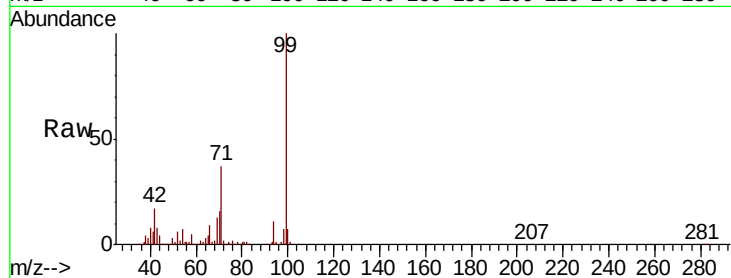
Tot Ion: 99 Resp: 1299558

Ion Ratio Lower Upper

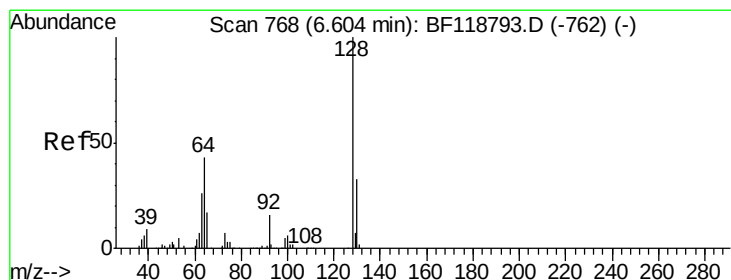
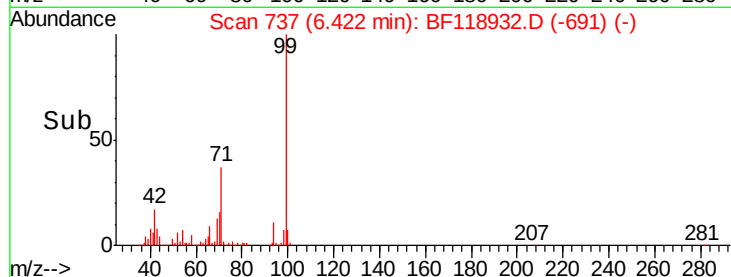
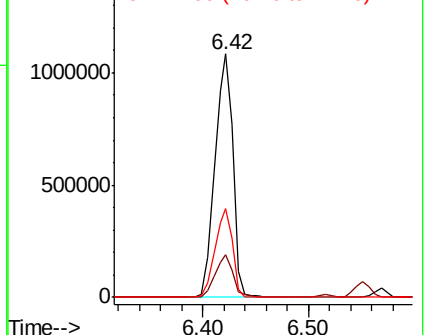
99 100

42 17.4 13.4 20.0

71 36.6 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: 54.066 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.04 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

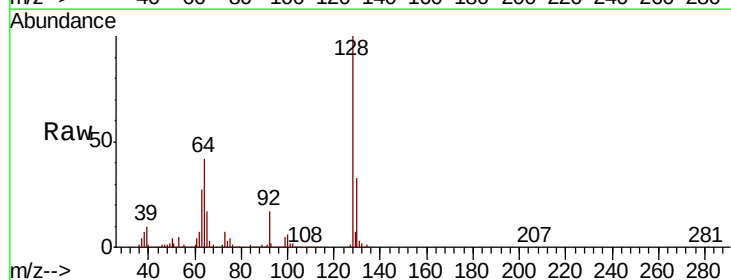
Tgt Ion: 128 Resp: 623291

Ion Ratio Lower Upper

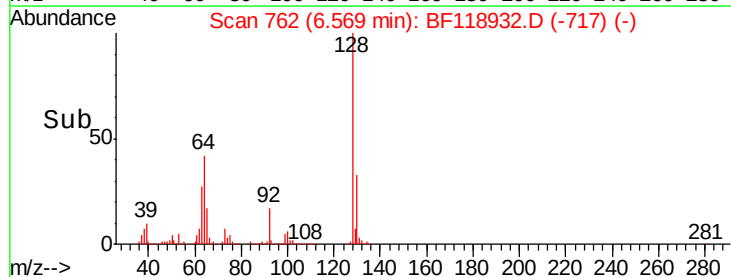
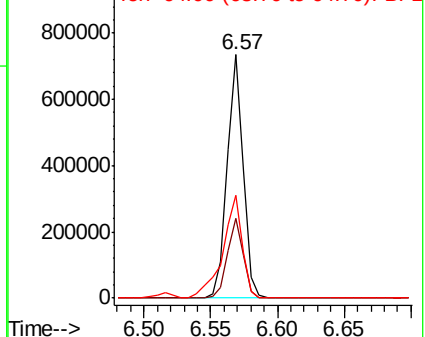
128 100

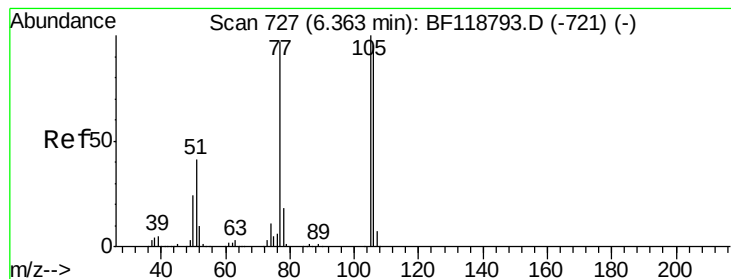
130 33.0 13.1 53.1

64 42.1 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: 60.413 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

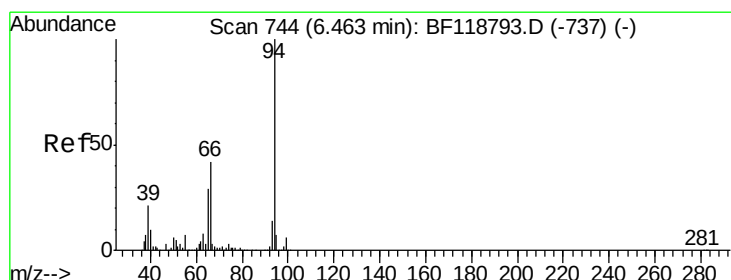
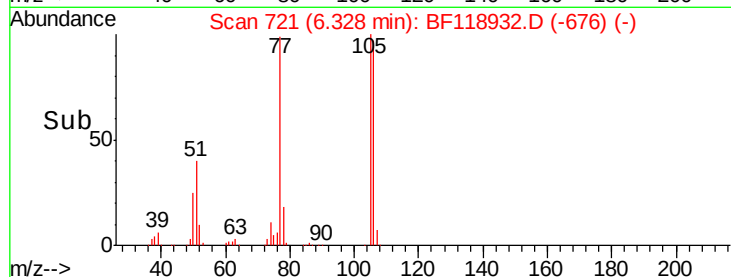
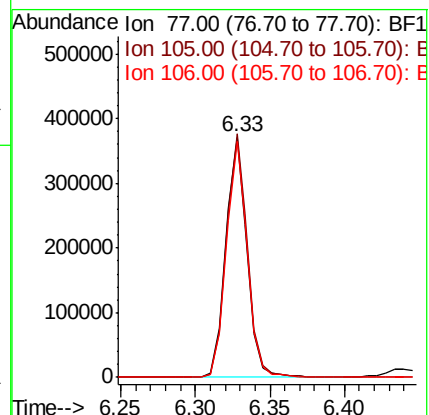
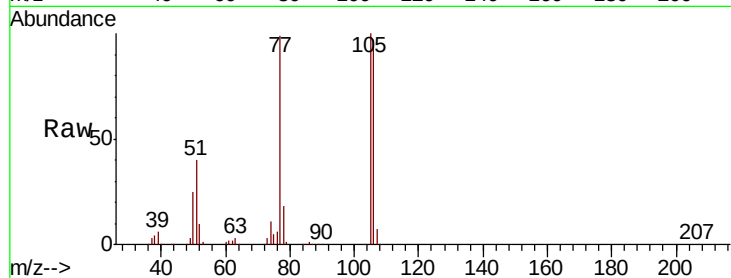
Tot Ion: 77 Resp: 371269

Ion Ratio Lower Upper

77 100

105 101.5 82.8 122.8

106 98.2 78.1 118.1



#10

Phenol

Concen: 51.507 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

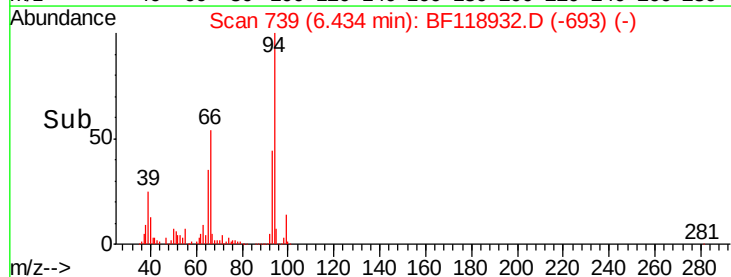
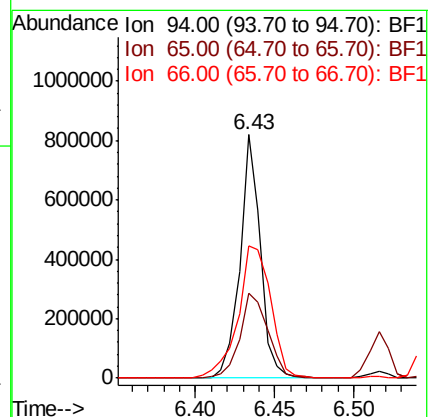
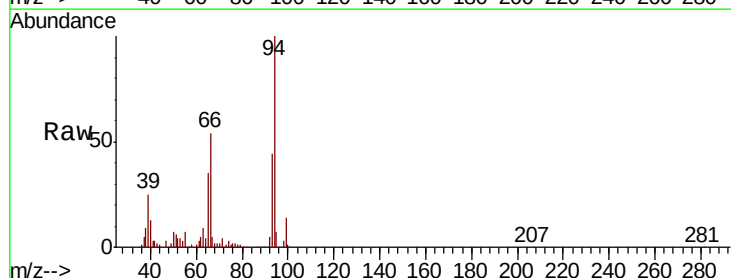
Tgt Ion: 94 Resp: 735843

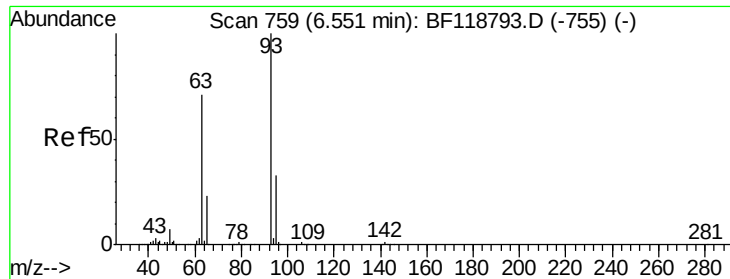
Ion Ratio Lower Upper

94 100

65 34.9 9.1 49.1

66 54.2 21.7 61.7

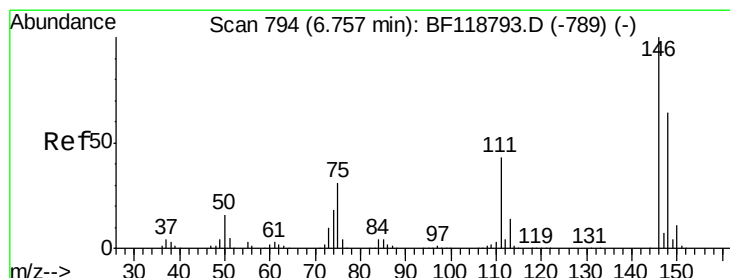
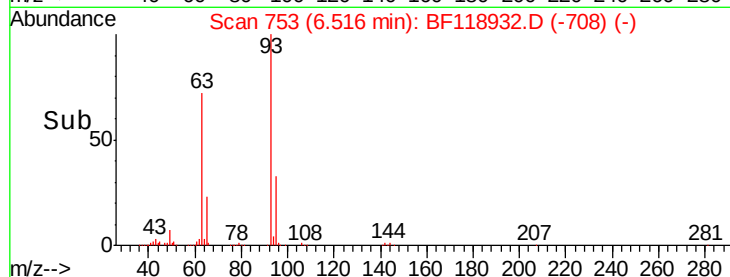
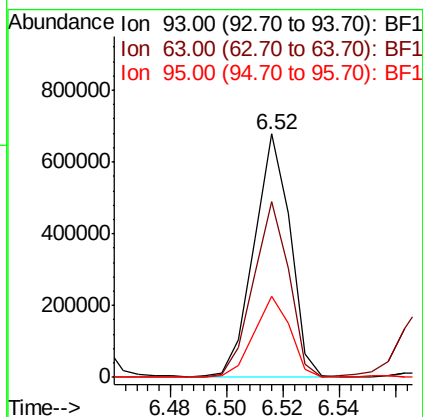
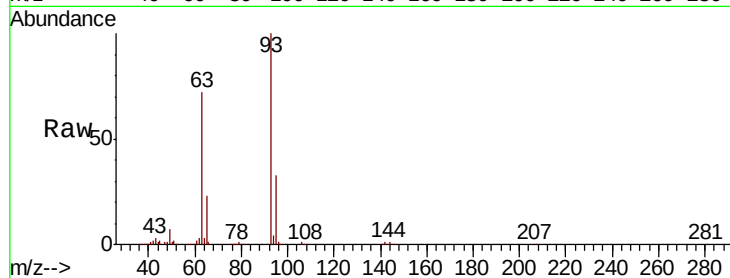




#11
bis(2-Chloroethyl)ether
Concen: 54.937 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

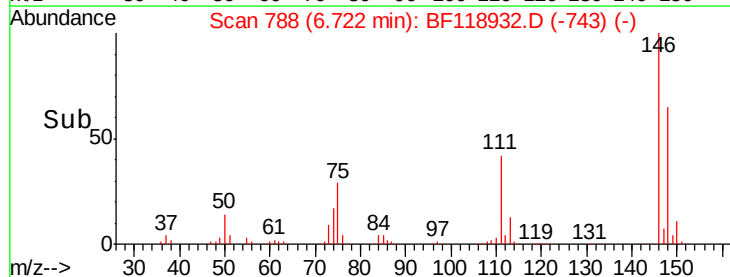
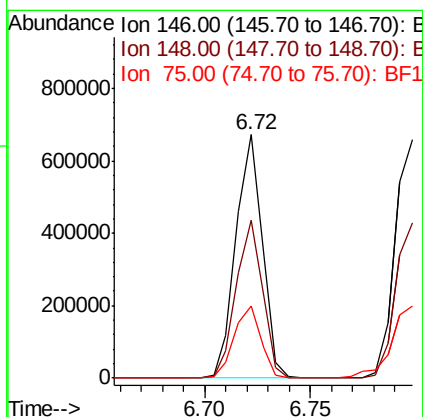
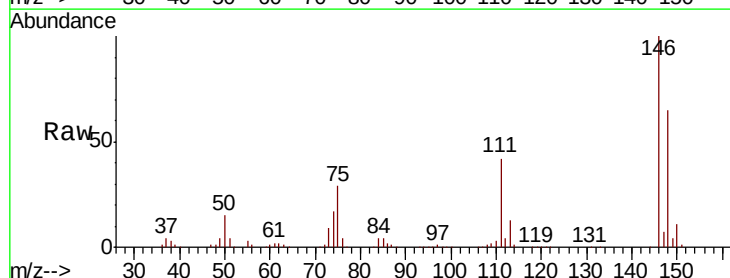
Instrument :
BNA_F
ClientSampleId :

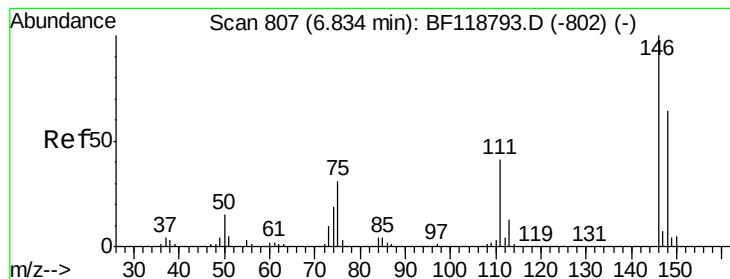
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	50.7	90.7
95	33.4	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 42.340 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
75	29.5	25.0	37.4

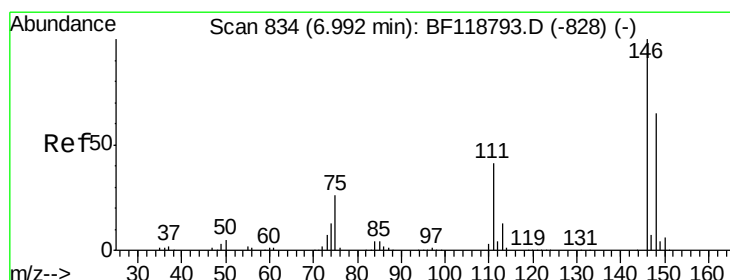
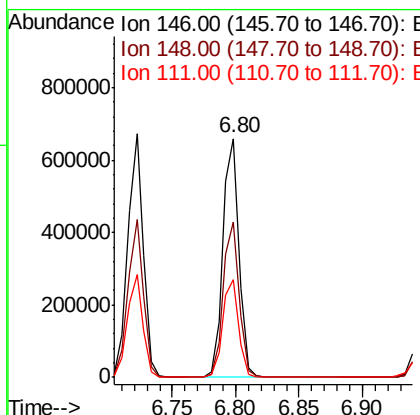
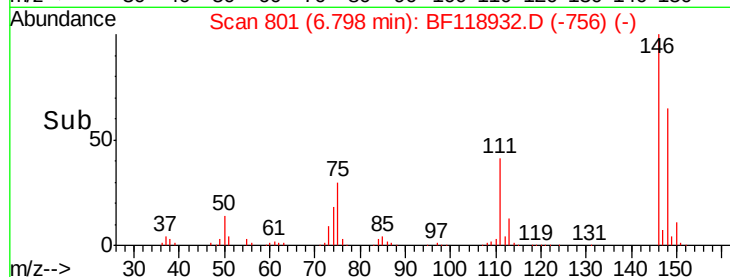
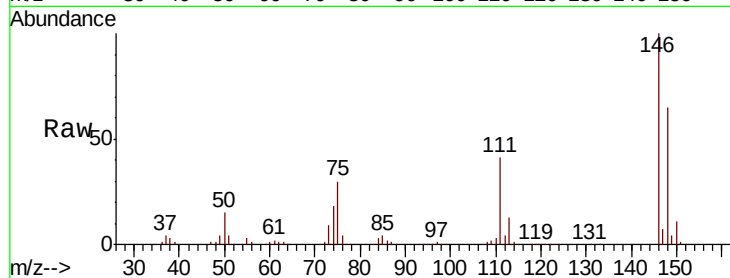




#13
 1,4-Dichlorobenzene
 Concen: 42.642 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

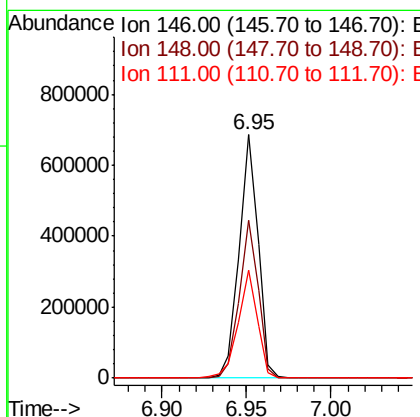
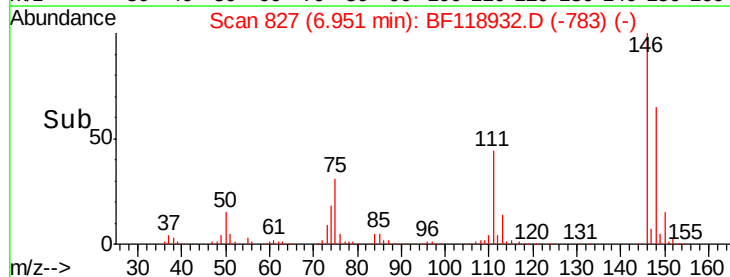
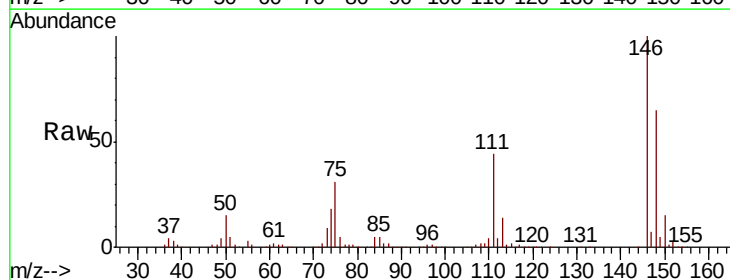
Instrument :
 BNA_F
 ClientSampled :

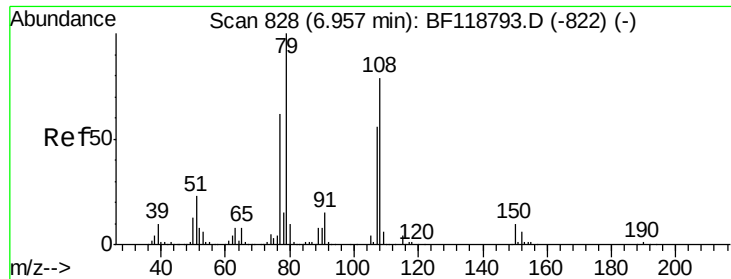
Tot Ion:146 Resp: 583672
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.6 77.4
 111 40.7 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 40.870 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Tgt Ion:146 Resp: 534395
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 44.3 32.7 49.1

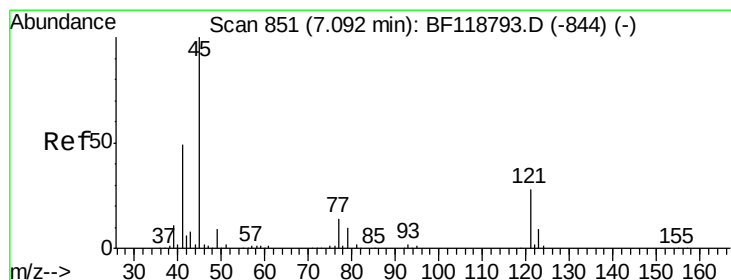
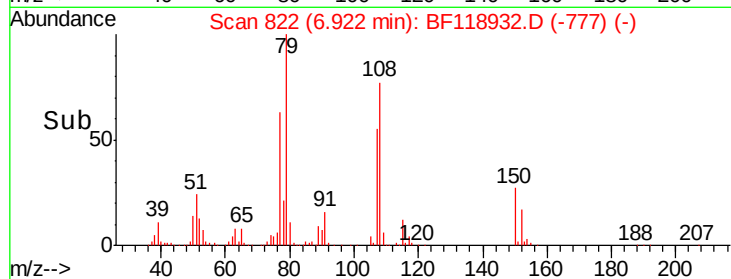
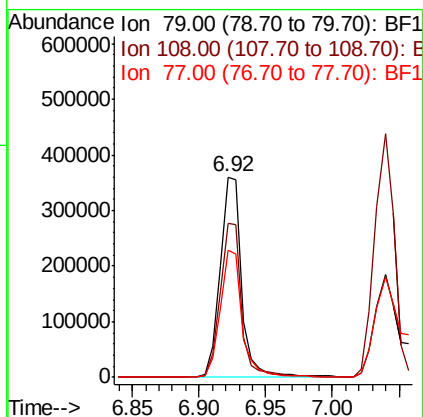
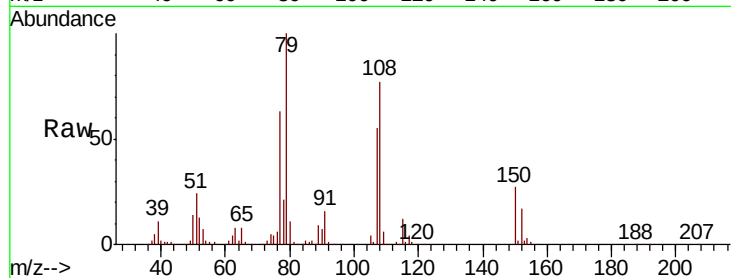




#15
Benzyl Alcohol
Concen: 41.405 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

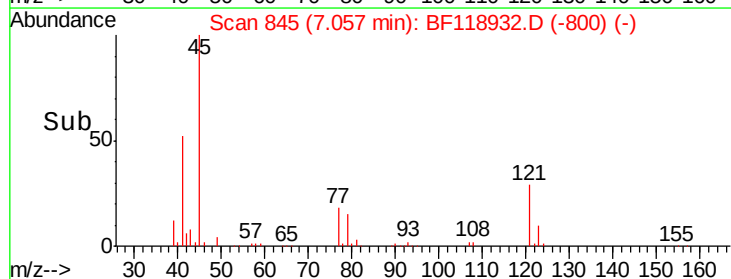
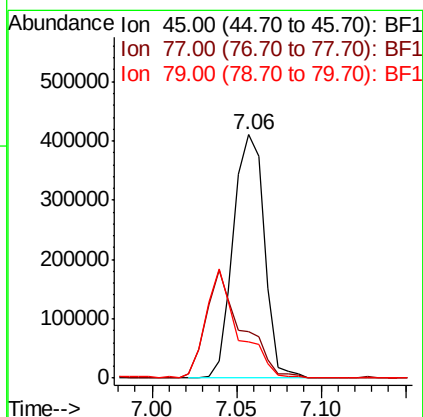
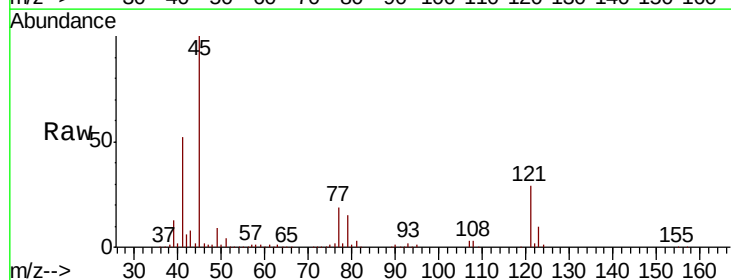
Instrument :
BNA_F
ClientSampled :

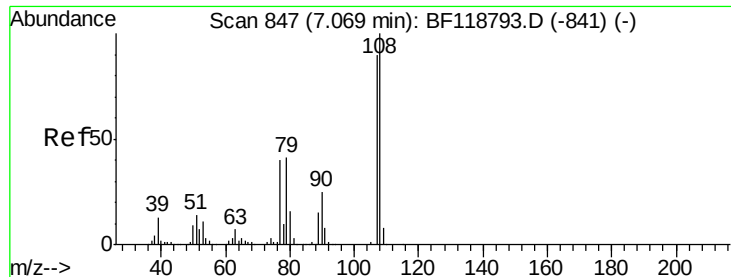
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	62.9	94.3
77	63.5	50.0	75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.514 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	37.1
79	14.8	0.0	33.1

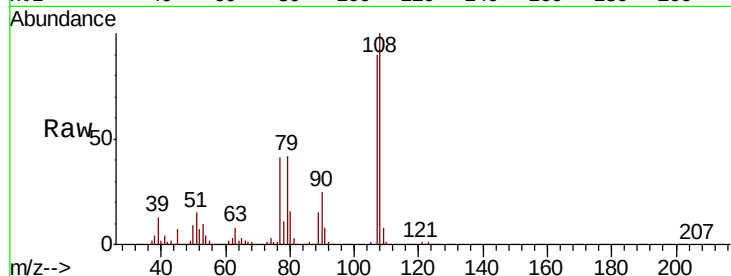




#17
2-Methylphenol
Concen: 41.613 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.3	133.9
77	45.8	36.2	54.2
79	46.8	36.3	54.5



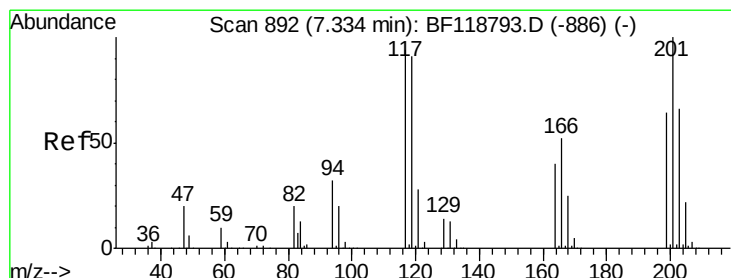
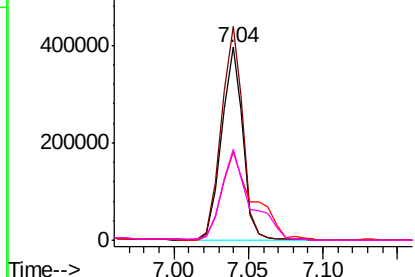
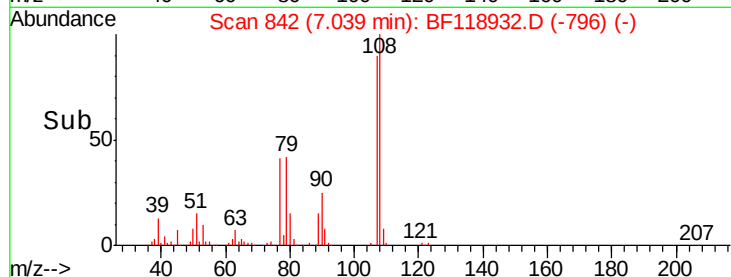
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

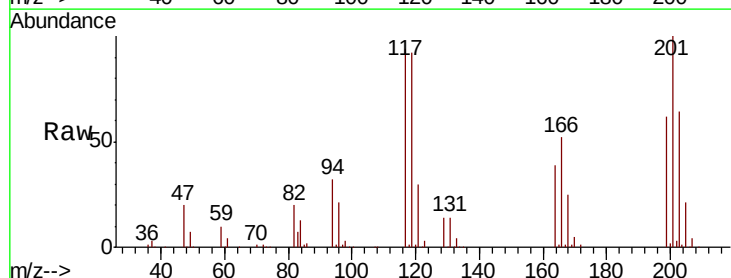
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.803 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.4	116.0
201	106.8	85.1	127.7

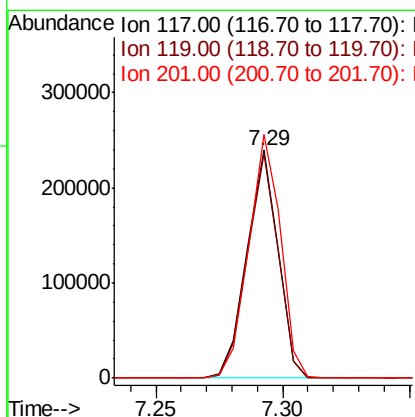
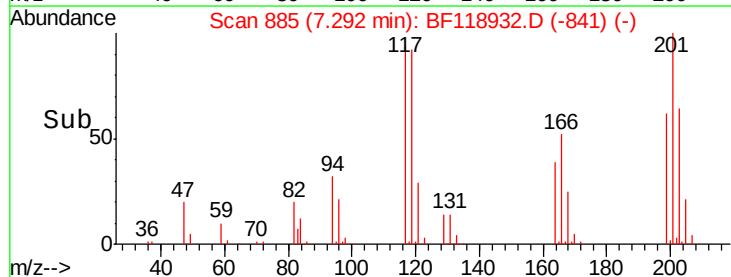


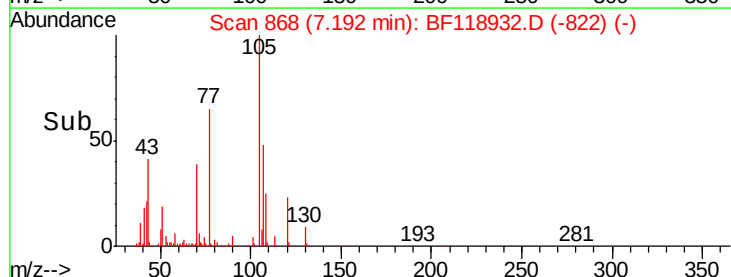
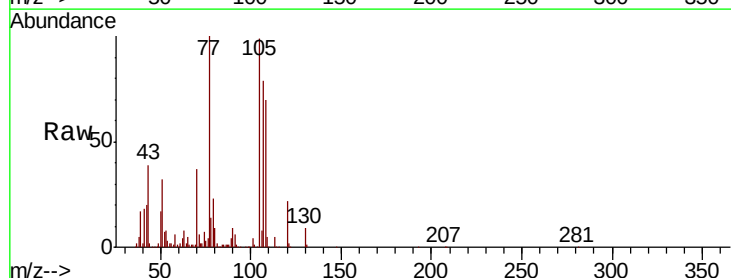
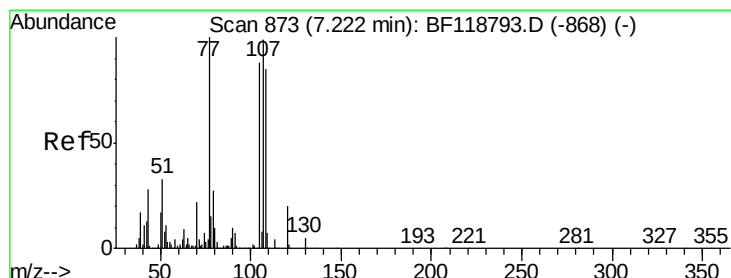
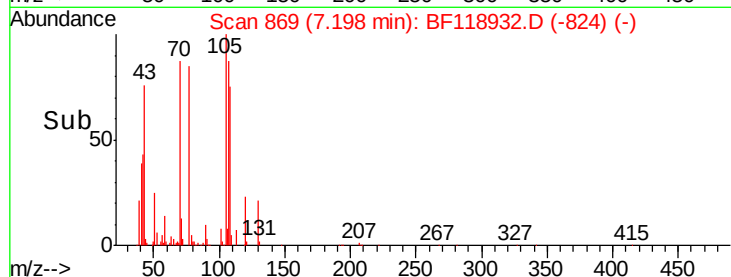
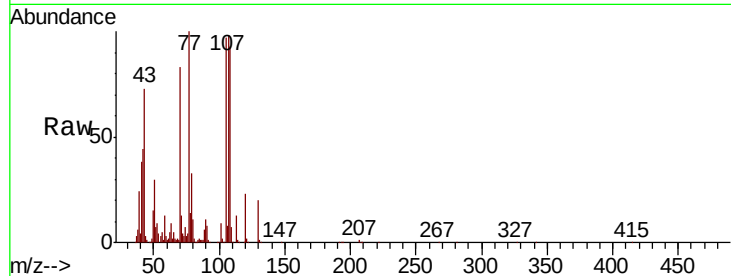
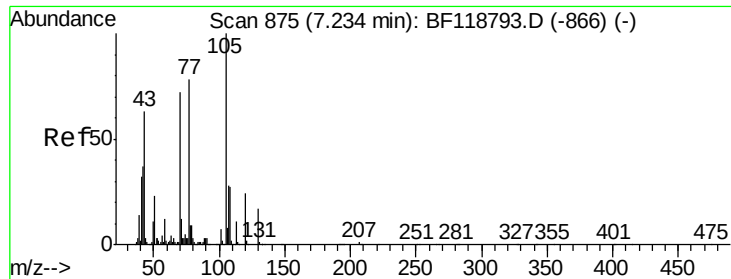
Abundance

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

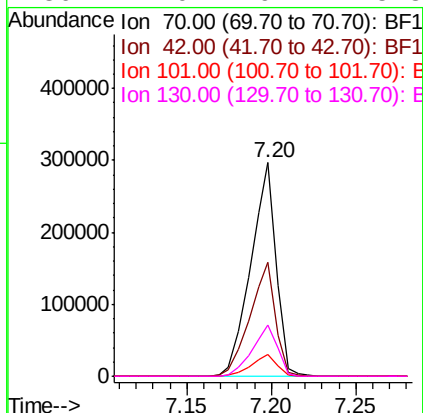




#19
n-Nitroso-di-n-propylamine
Concen: 39.524 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

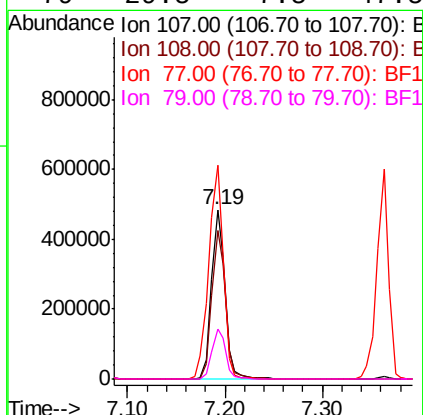
Instrument :
BNA_F
ClientSampleId :

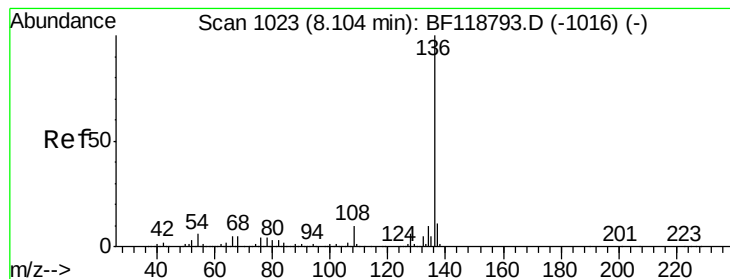
Tot Ion: 70 Resp: 310708
Ion Ratio Lower Upper
70 100
42 53.3 41.5 62.3
101 10.4 8.3 12.5
130 24.0 19.2 28.8



#20
3+4-Methylphenols
Concen: 38.524 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:107 Resp: 462818
Ion Ratio Lower Upper
107 100
108 87.8 65.9 105.9
77 126.2 80.9 120.9#
79 29.5 7.5 47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.04 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 716783

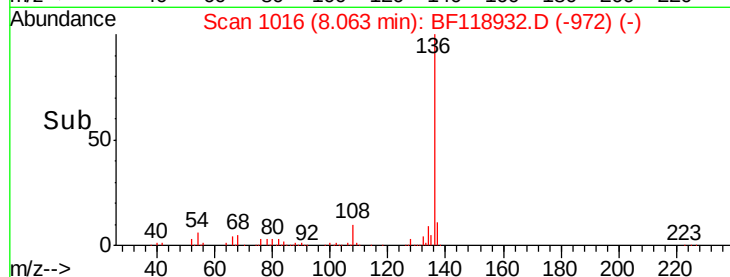
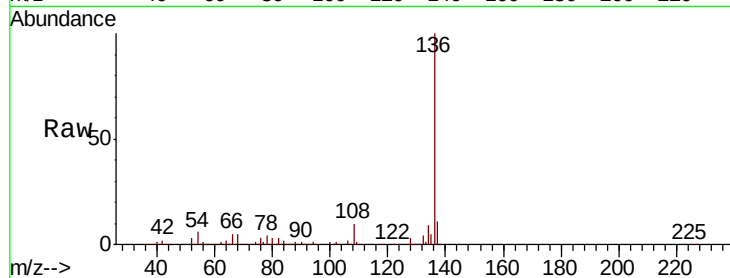
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 5.8 5.0 7.6

68 5.1 4.2 6.4

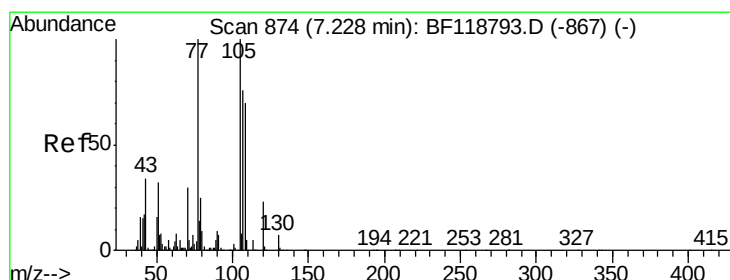
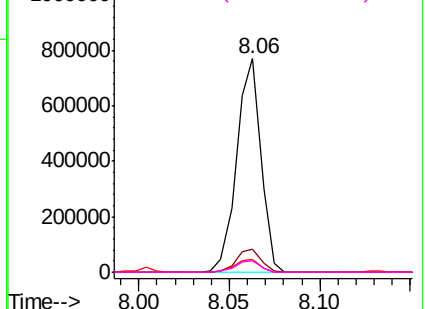


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.706 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.04 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Tgt Ion:105 Resp: 649496

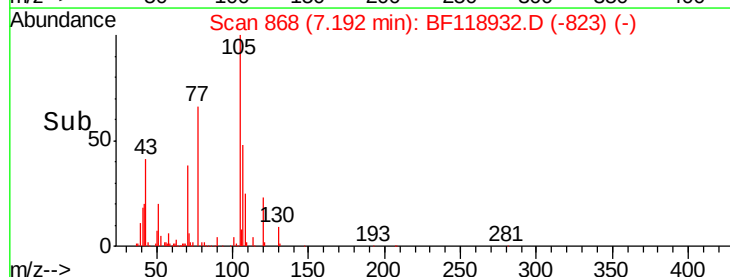
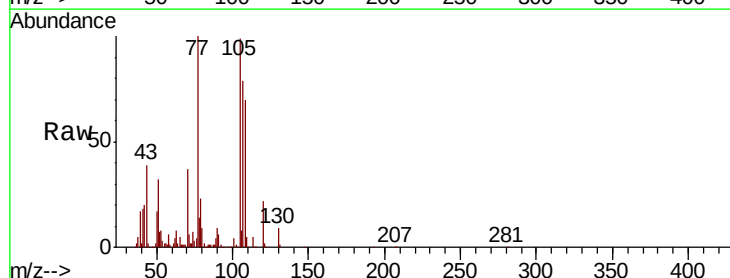
Ion Ratio Lower Upper

105 100

71 6.1 4.2 6.4

51 32.5 25.5 38.3

120 22.3 18.6 28.0

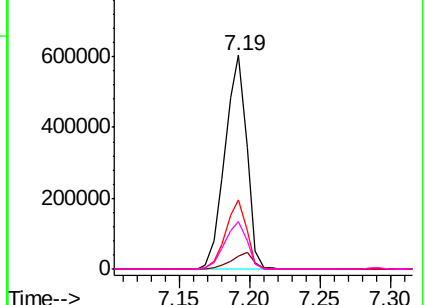


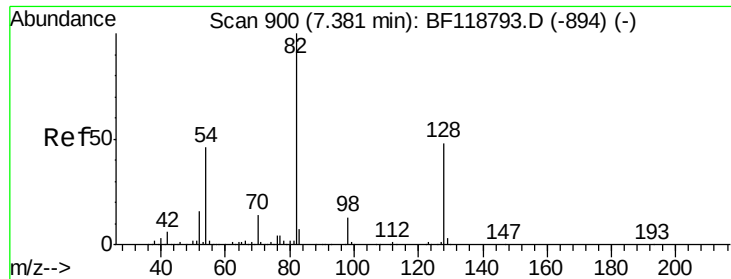
Abundance Ion 105.00 (104.70 to 105.70): E

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

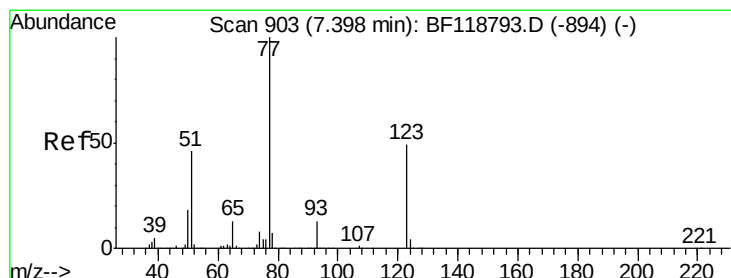
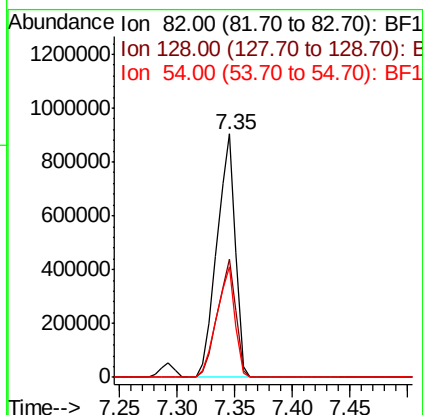
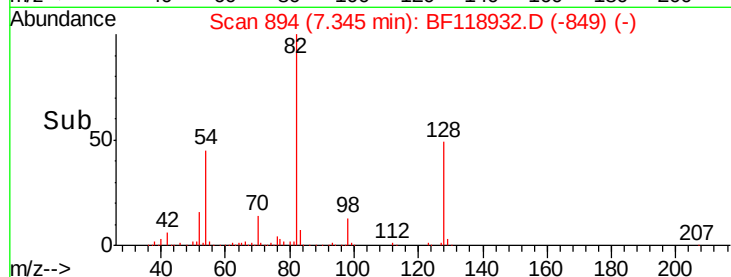
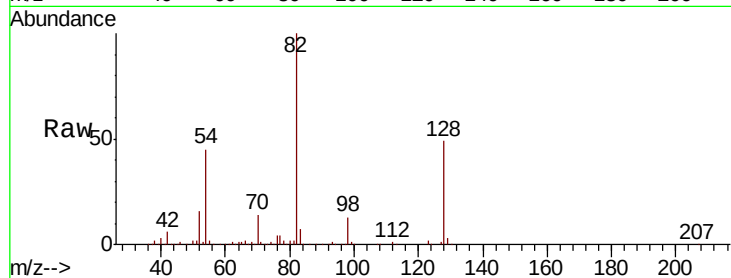




#23
Nitrobenzene-d5
Concen: 83.314 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

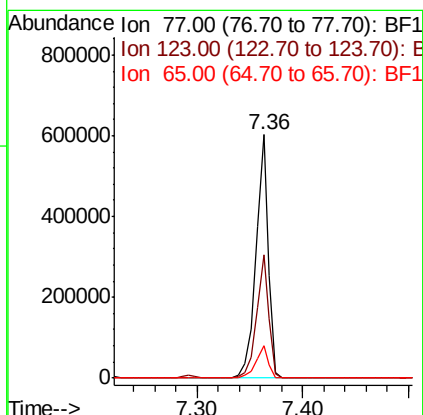
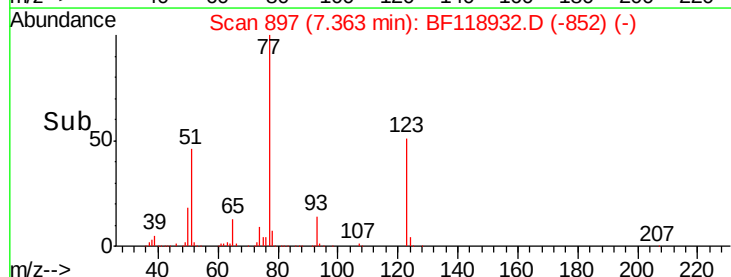
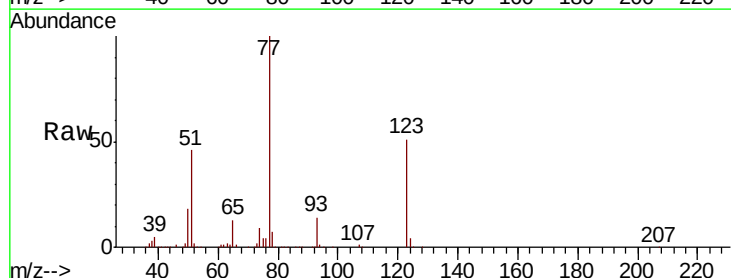
Instrument :
BNA_F
ClientSampleId :

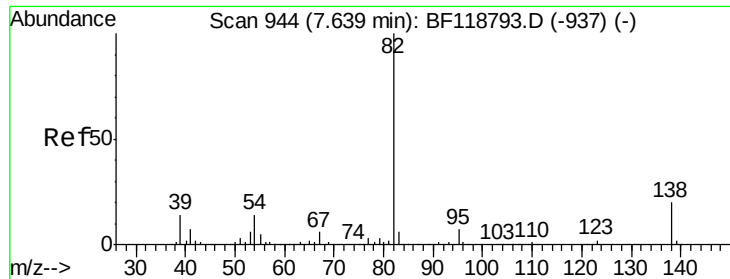
Tot Ion: 82 Resp: 1001899
Ion Ratio Lower Upper
82 100
128 48.5 38.5 57.7
54 45.3 36.7 55.1



#24
Nitrobenzene
Concen: 41.803 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion: 77 Resp: 502201
Ion Ratio Lower Upper
77 100
123 50.6 39.0 58.4
65 13.3 10.6 15.8

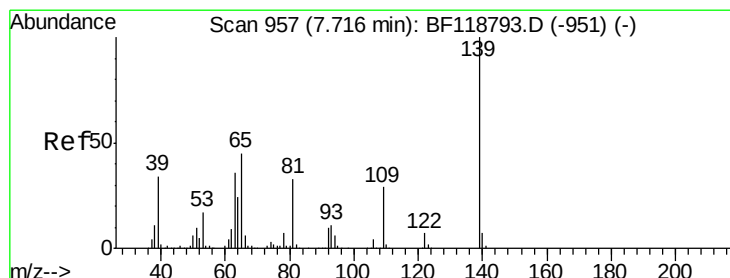
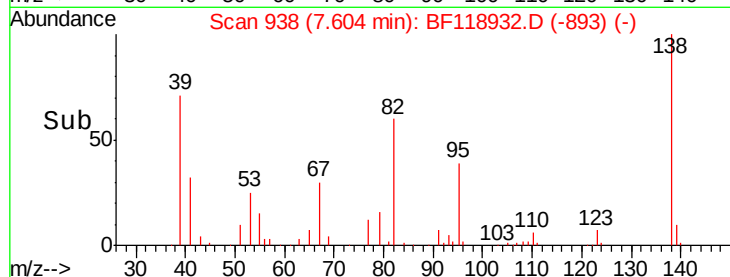
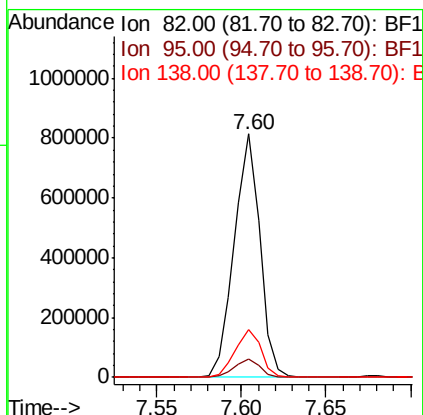
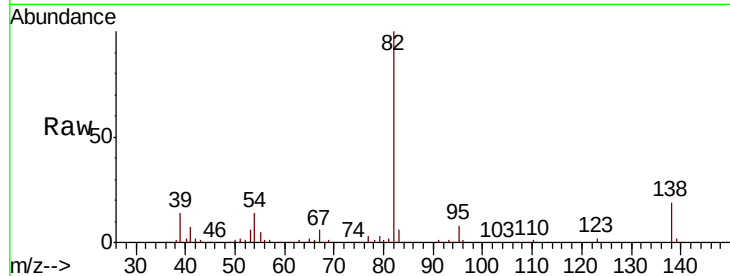




#25
Isophorone
Concen: 40.095 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

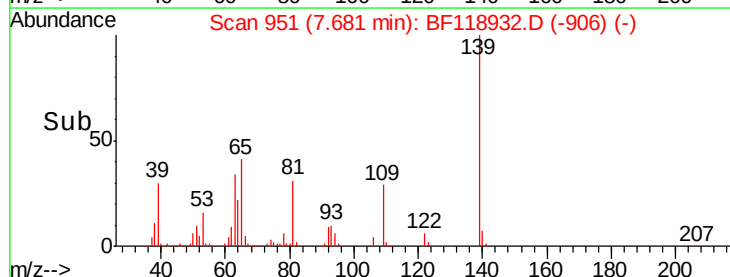
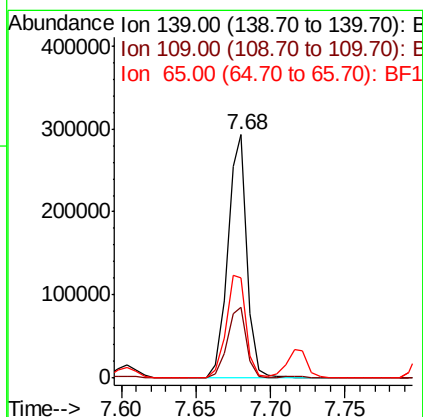
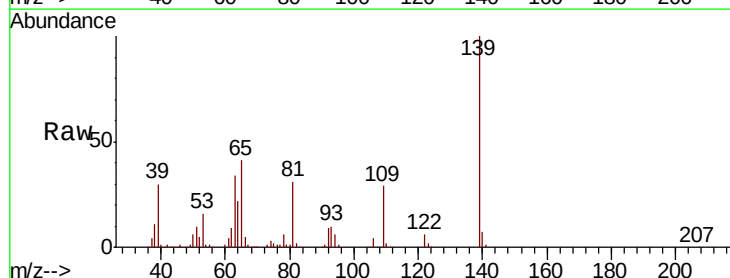
Instrument :
BNA_F
ClientSampleId :

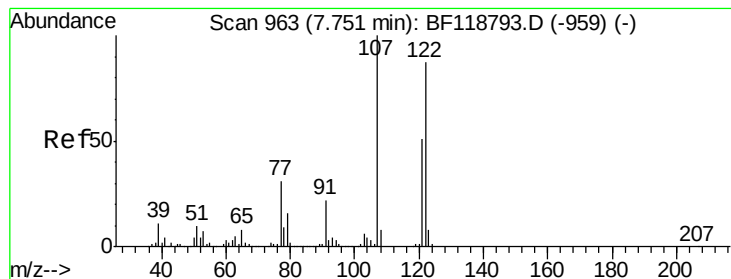
Tot Ion: 82 Resp: 866561
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 19.5 15.7 23.5



#26
2-Nitrophenol
Concen: 41.657 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion: 139 Resp: 266668
Ion Ratio Lower Upper
139 100
109 29.3 23.4 35.0
65 41.2 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 40.886 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

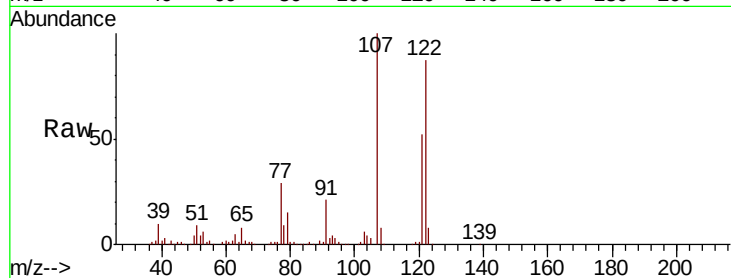
Tot Ion:122 Resp: 355538

Ion Ratio Lower Upper

122 100

107 114.7 92.2 138.2

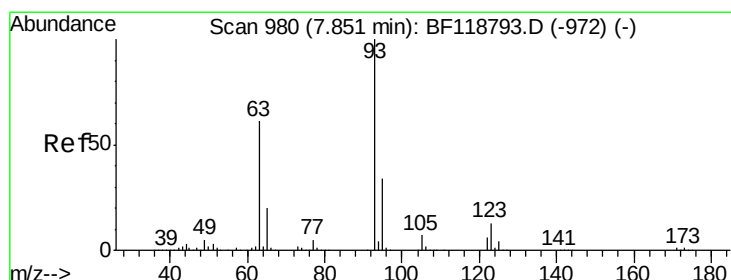
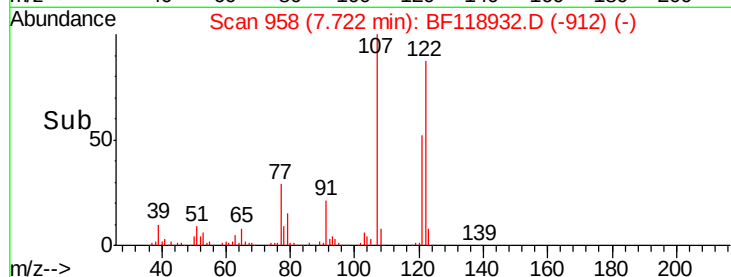
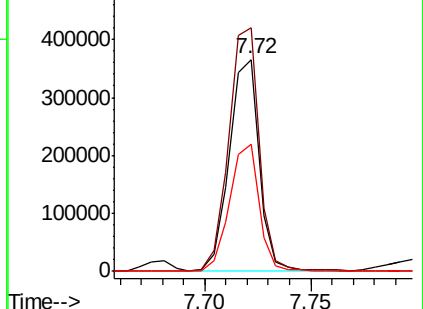
121 59.6 46.8 70.2



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: 40.633 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.04 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

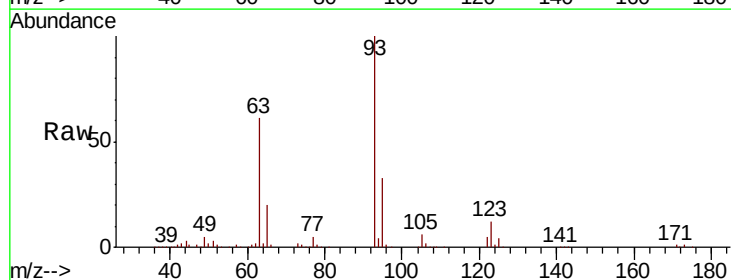
Tgt Ion: 93 Resp: 569446

Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

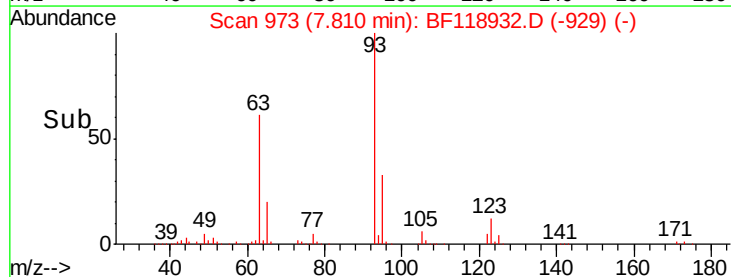
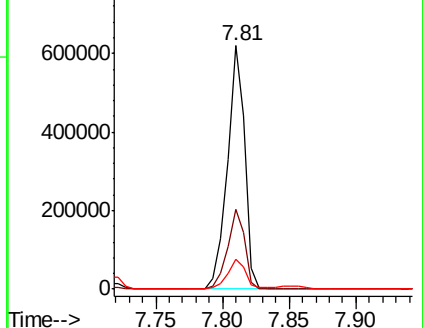
123 12.3 10.6 15.8

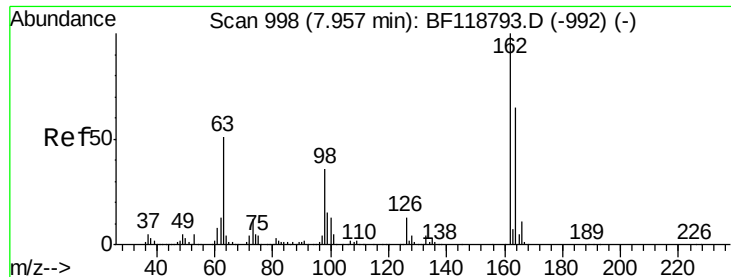


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

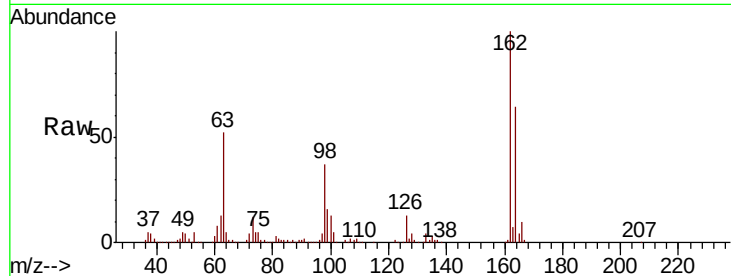




#29
 2,4-Dichlorophenol
 Concen: 41.167 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.8	84.8
98	36.6	16.4	56.4

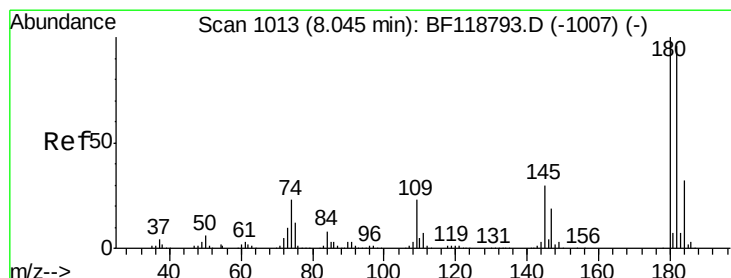
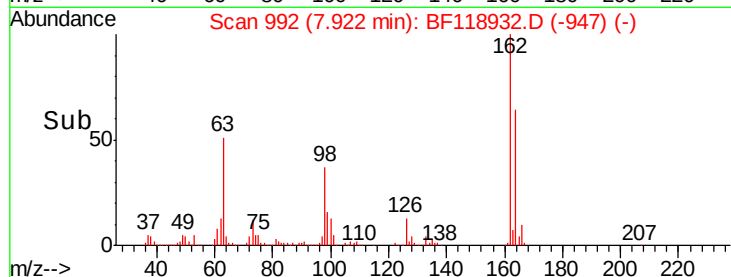
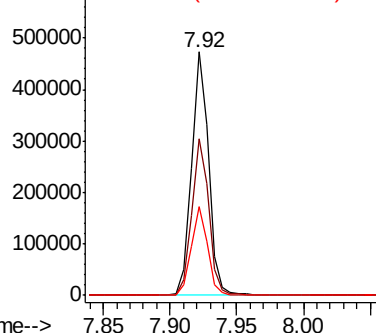


Abundance

Ion 162.00 (161.70 to 162.70): E

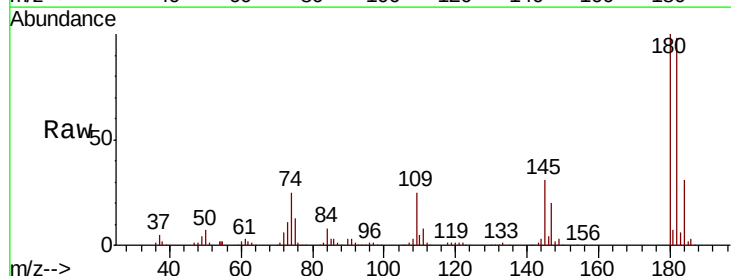
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.099 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.6	115.0
145	30.6	24.0	36.0

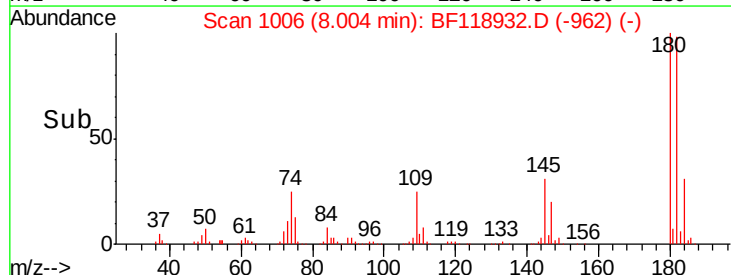
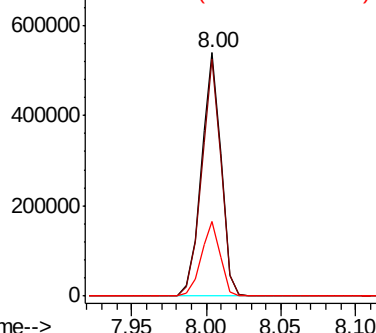


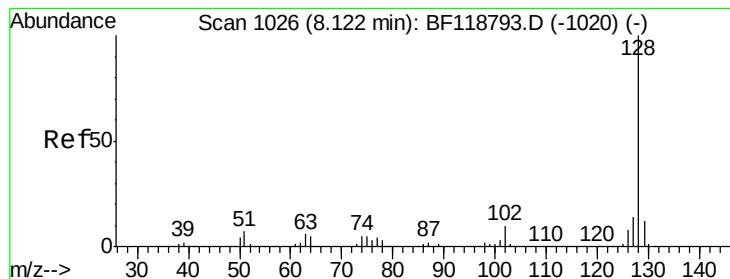
Abundance

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: 42.648 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

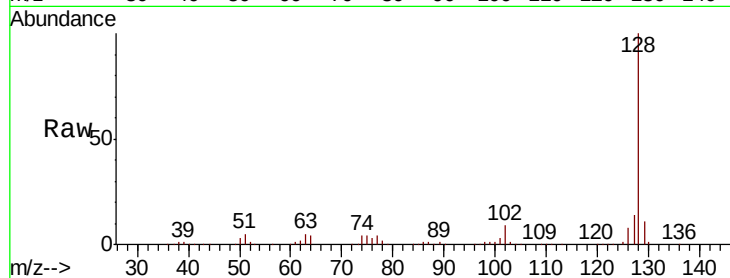
Tot Ion:128 Resp: 1398117

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

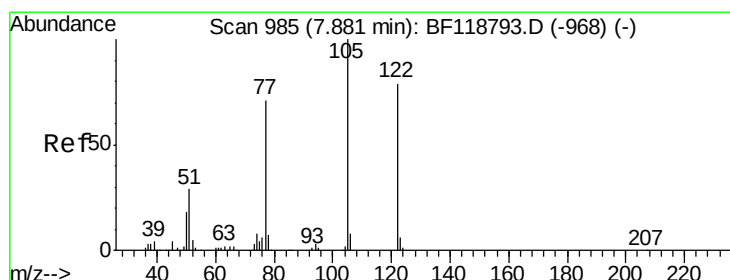
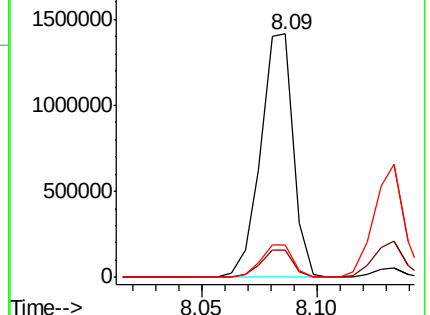
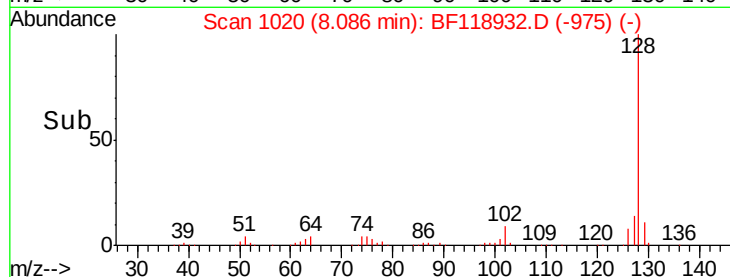
127 13.5 11.3 16.9



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: 36.848 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

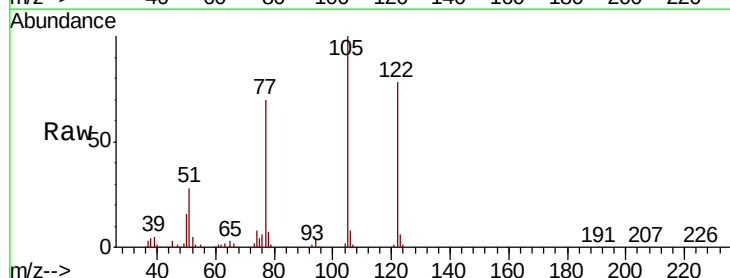
Tgt Ion:122 Resp: 265293

Ion Ratio Lower Upper

122 100

105 128.5 104.4 144.4

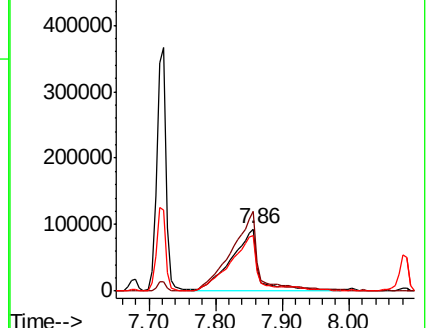
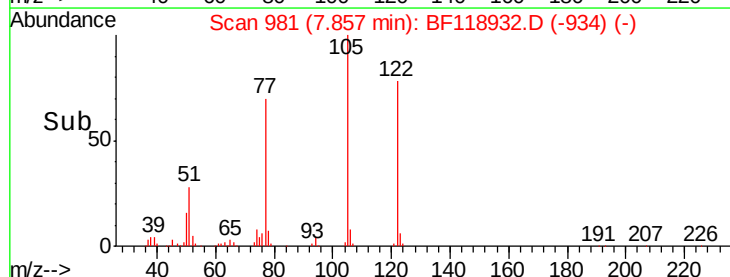
77 89.4 69.3 109.3

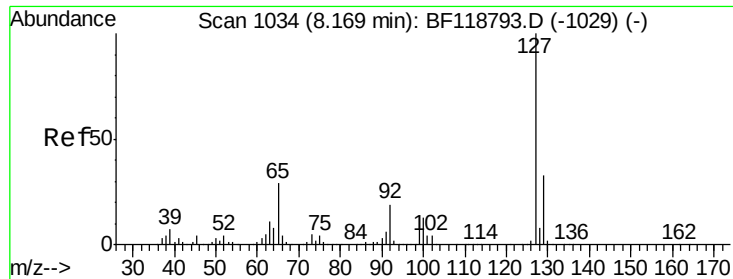


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

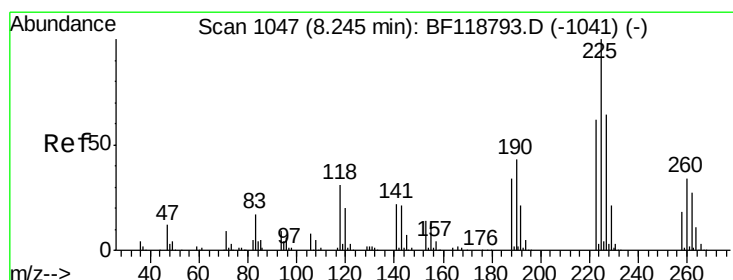
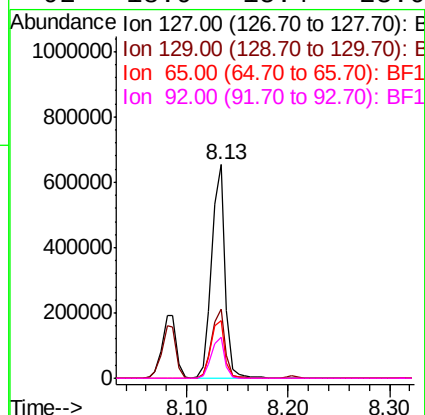
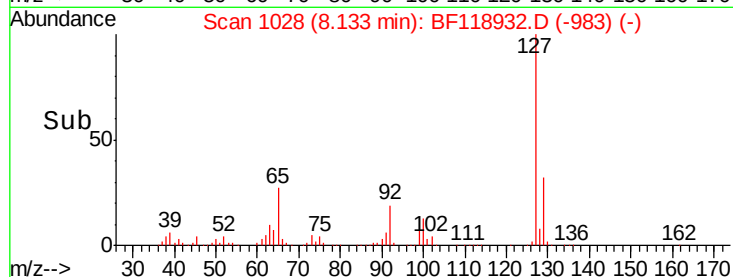
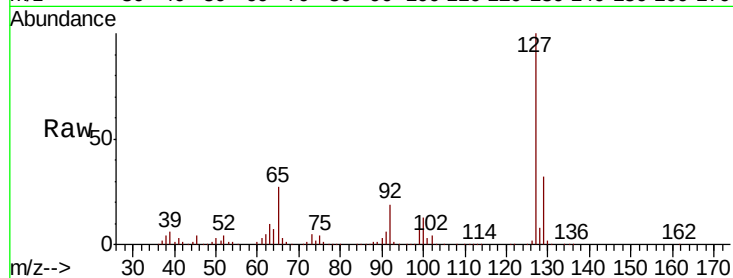




#33
4-Chloroaniline
Concen: 40.968 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

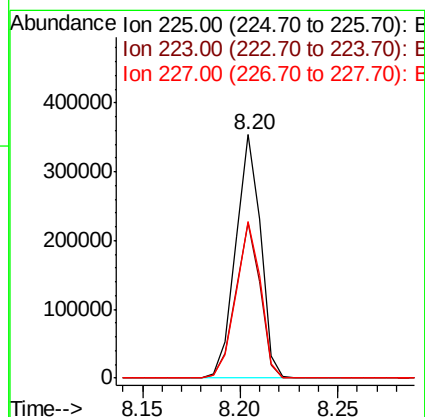
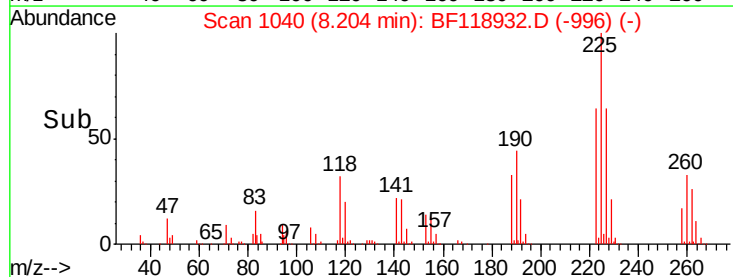
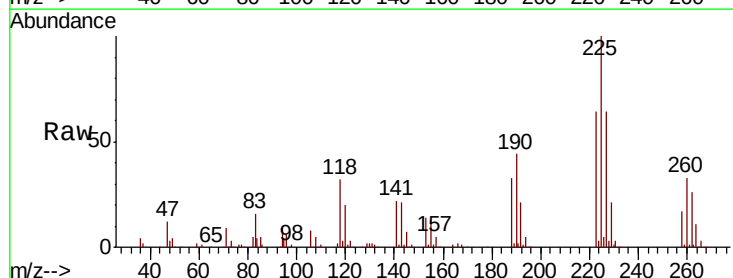
Instrument :
BNA_F
ClientSampled :

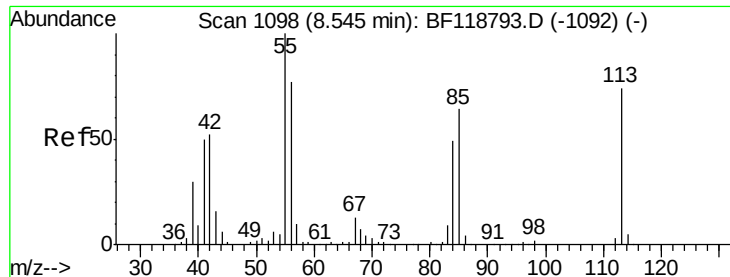
Tot Ion:	127	Resp:	600876
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	27.1	22.9	34.3
92	18.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.885 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:	225	Resp:	312357
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.8
227	64.2	51.0	76.4

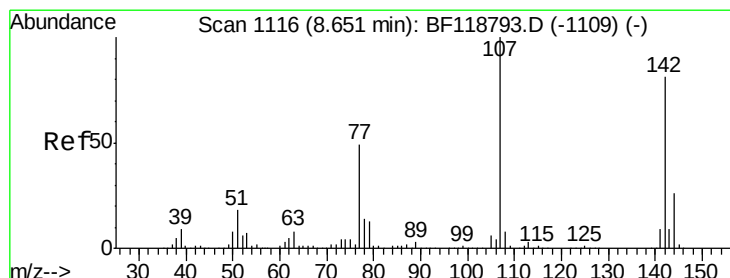
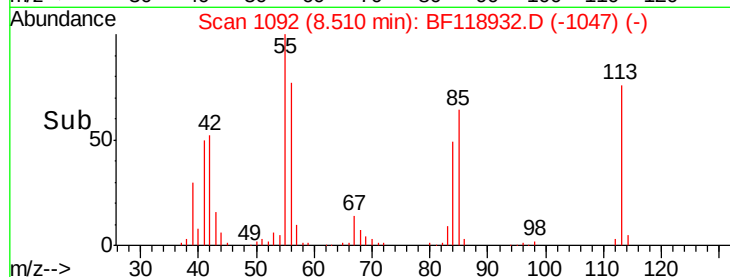
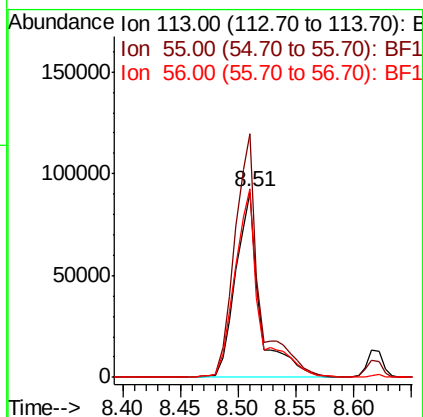
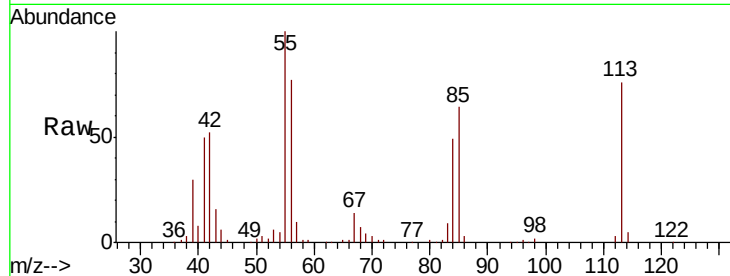




#35
 Caprolactam
 Concen: 39.449 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

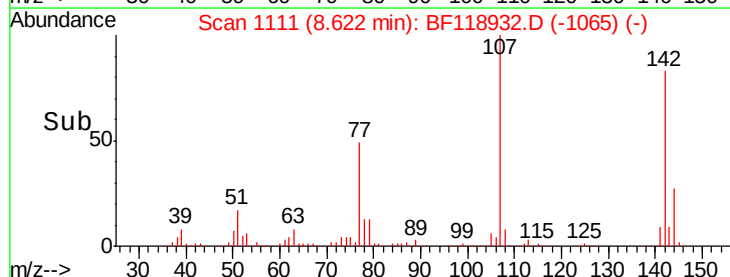
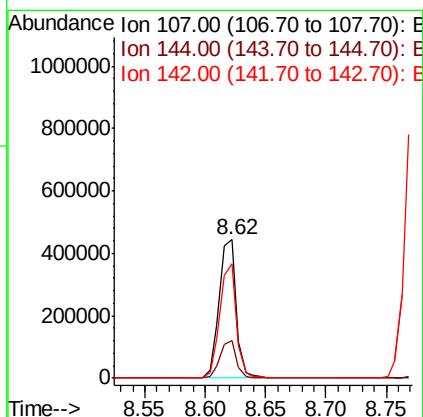
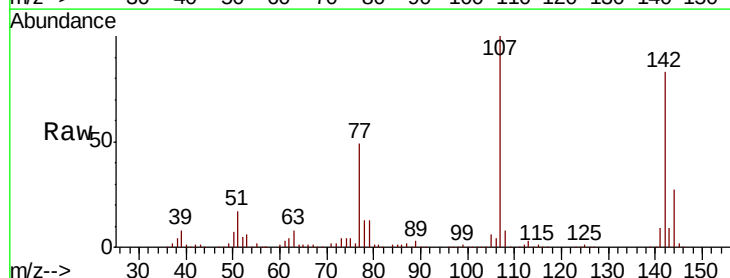
Instrument :
 BNA_F
 ClientSampleId :

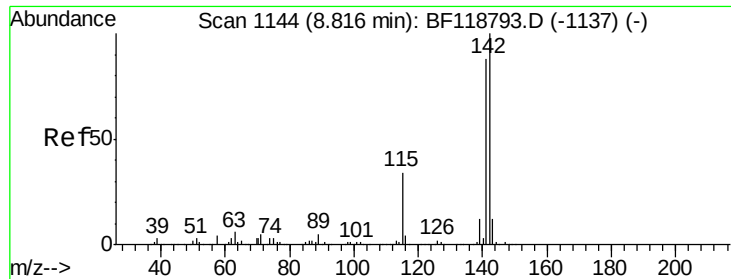
Tot Ion:113 Resp: 133180
 Ion Ratio Lower Upper
 113 100
 55 131.8 115.5 155.5
 56 101.9 83.7 123.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.250 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Tgt Ion:107 Resp: 432309
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.0 31.6
 142 83.0 64.8 97.2

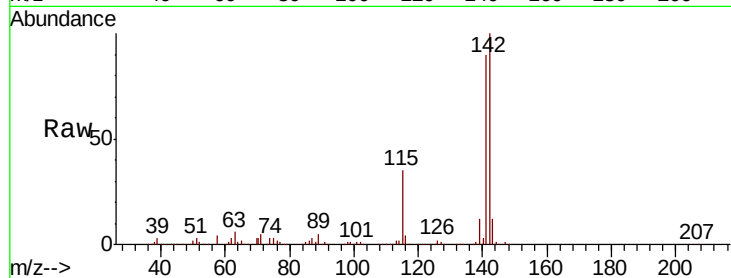




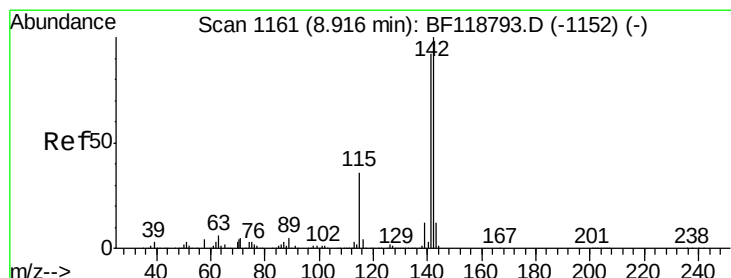
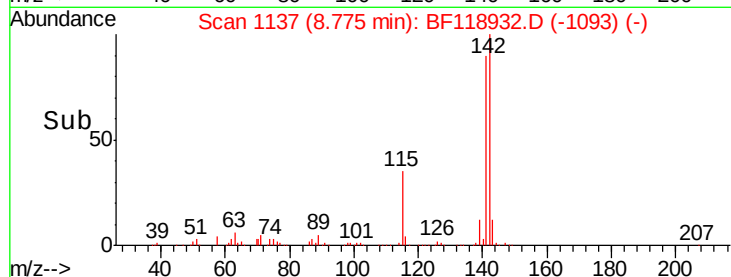
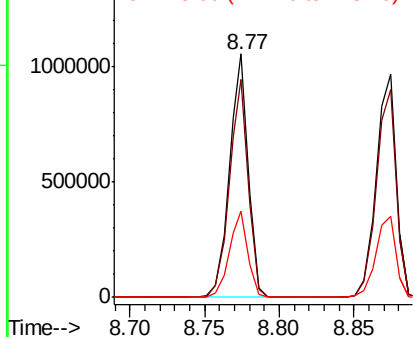
#37
2-Methylnaphthalene
Concen: 41.245 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 937751
Ion Ratio Lower Upper
142 100
141 89.6 70.1 105.1
115 35.2 27.3 40.9

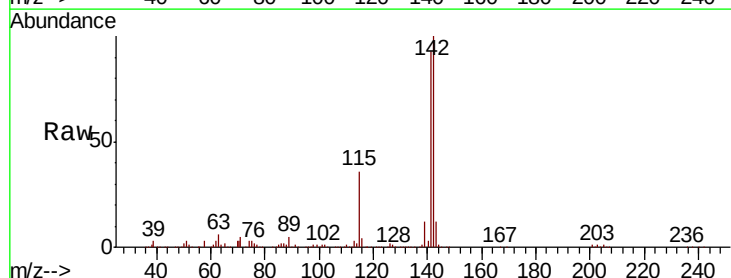


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

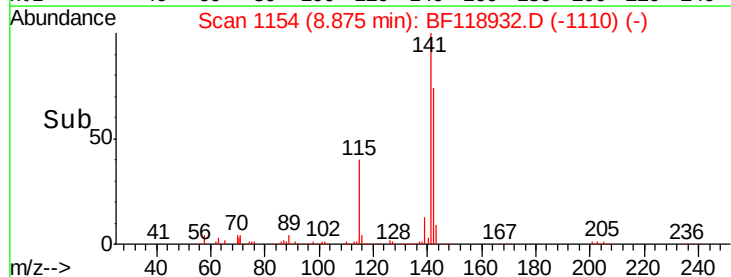
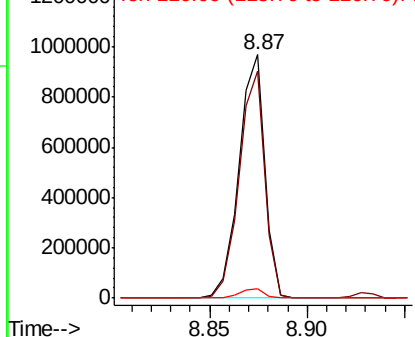


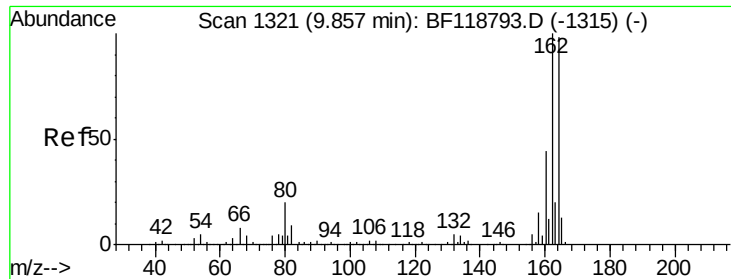
#38
1-Methylnaphthalene
Concen: 41.397 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:142 Resp: 885417
Ion Ratio Lower Upper
142 100
141 93.1 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

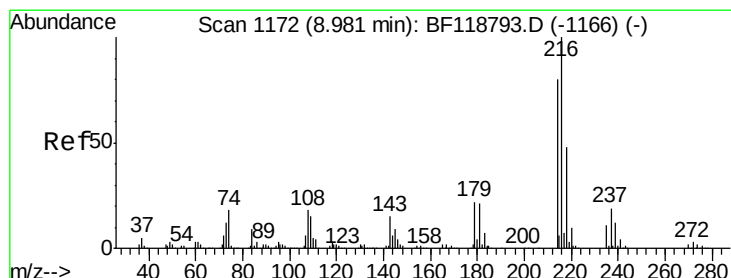
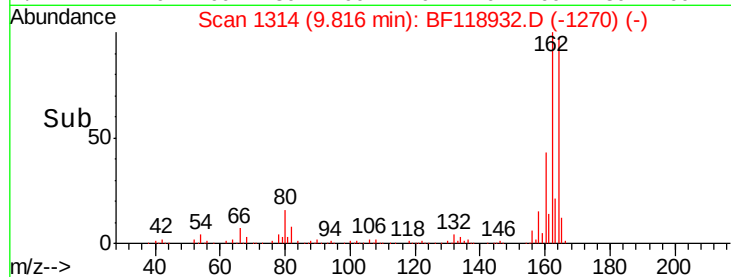
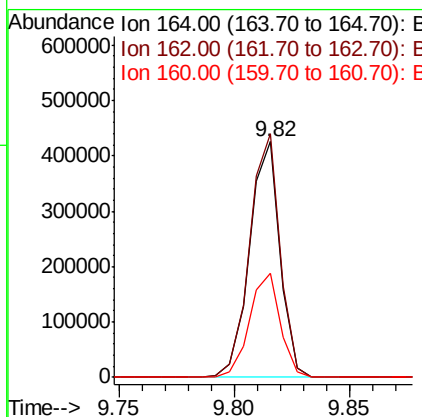
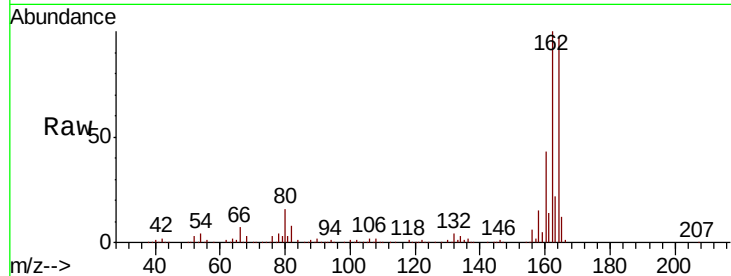




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

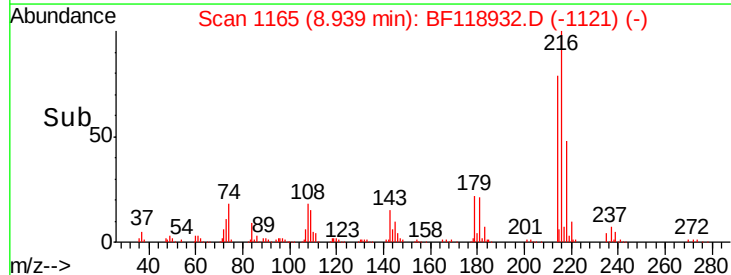
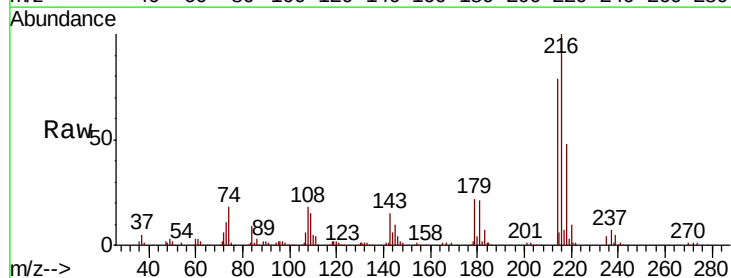
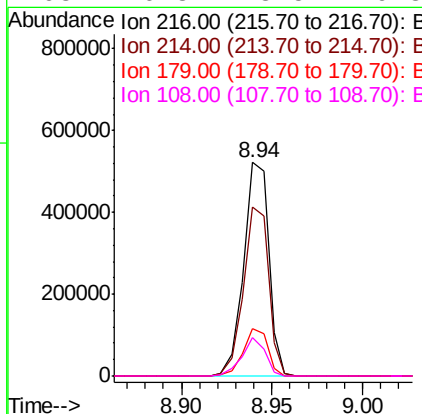
Instrument :
 BNA_F
 ClientSampled :

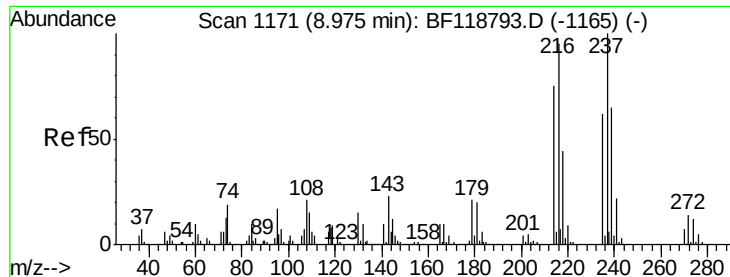
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.4	122.2
160	44.5	35.6	53.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.658 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	21.4	17.0	25.6
108	16.8	13.5	20.3

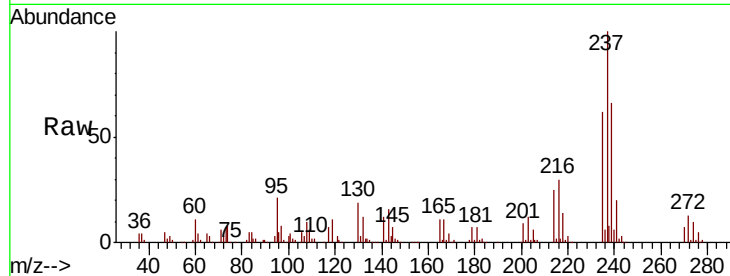




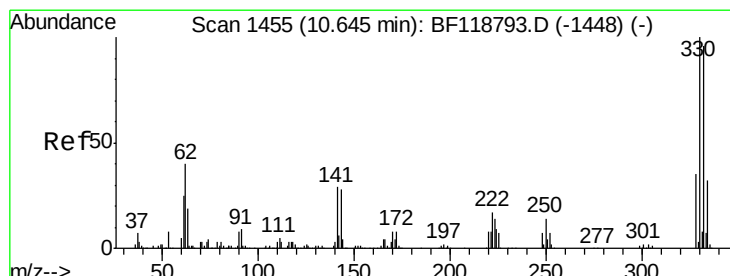
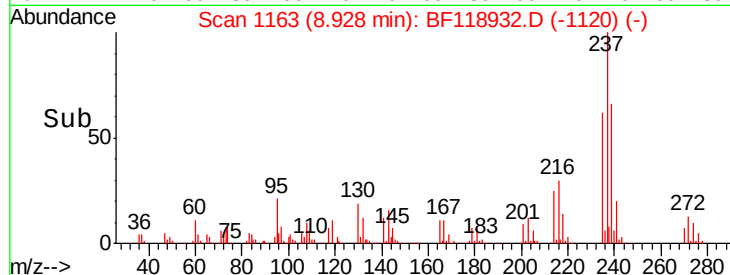
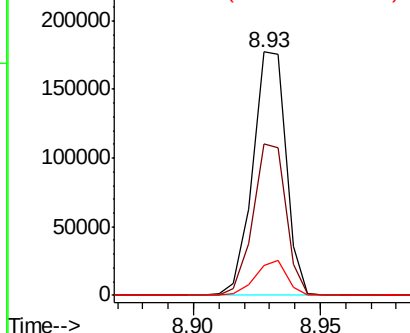
#41
Hexachlorocyclopentadiene
Concen: 35.185 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 163241
Ion Ratio Lower Upper
237 100
235 62.1 42.1 82.1
272 12.5 0.0 34.4

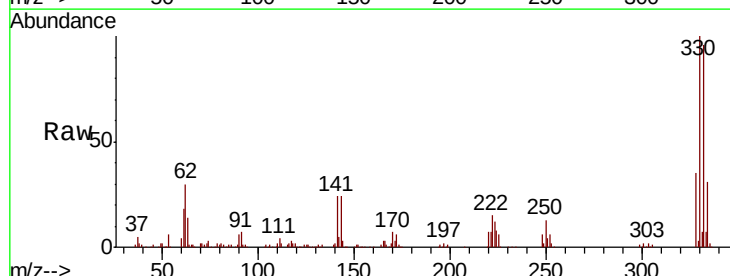


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

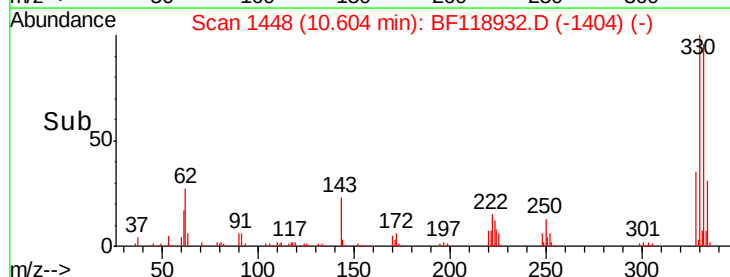
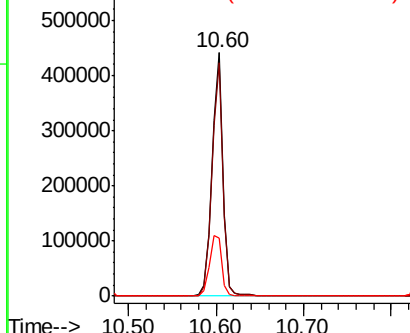


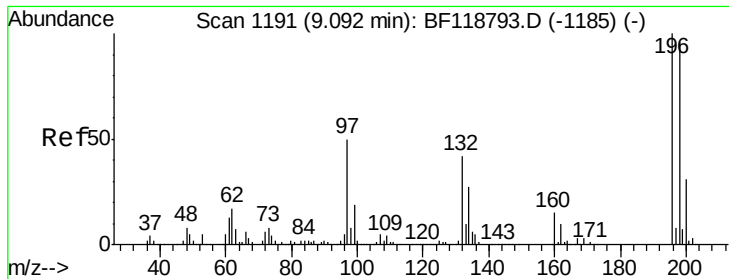
#42
2,4,6-Tribromophenol
Concen: 81.857 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:330 Resp: 383979
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.1 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

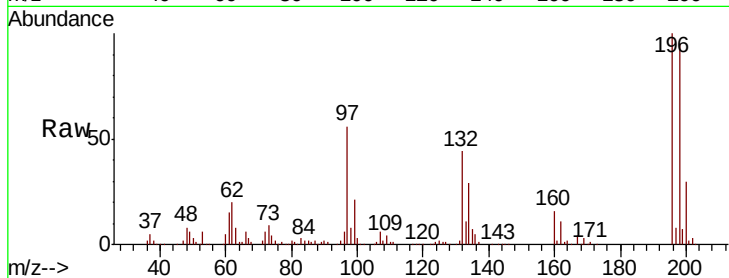




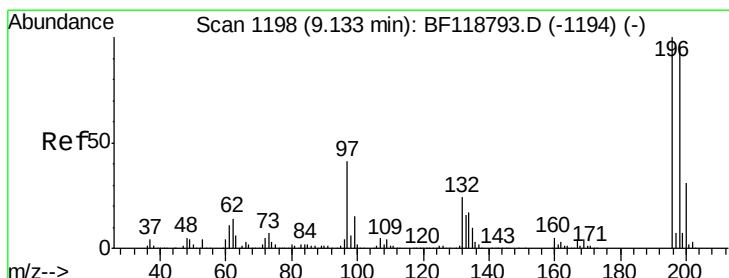
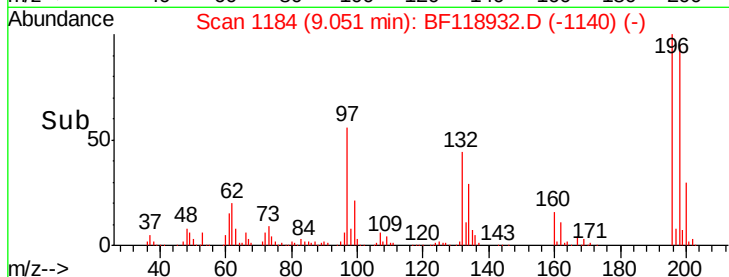
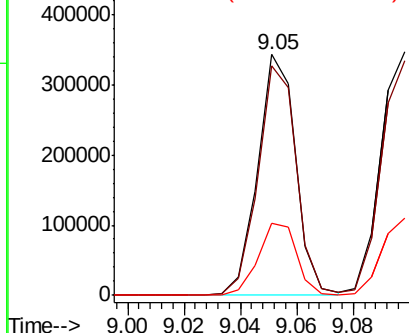
#43
 2,4,6-Trichlorophenol
 Concen: 40.307 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.7	115.1
200	30.0	24.9	37.3



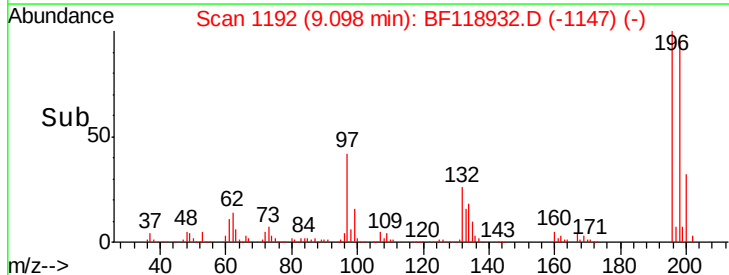
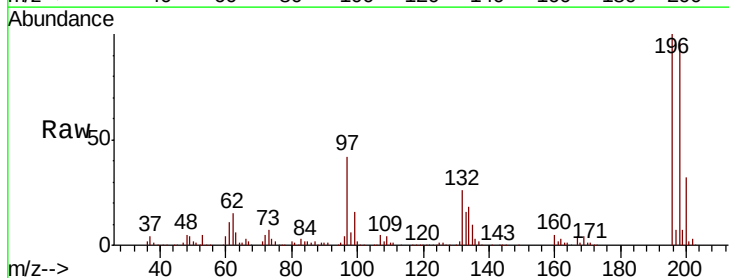
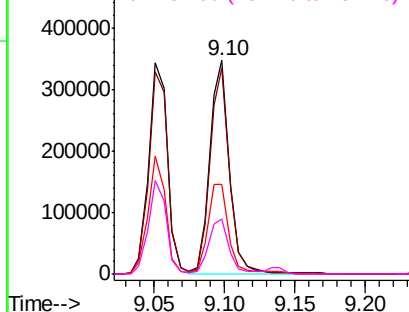
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

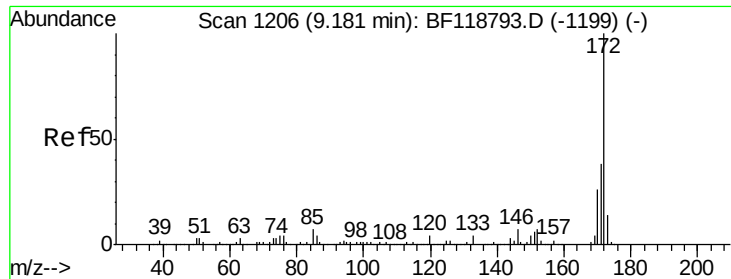


#44
 2,4,5-Trichlorophenol
 Concen: 41.164 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.0	115.4
97	42.1	32.9	49.3
132	25.9	19.9	29.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

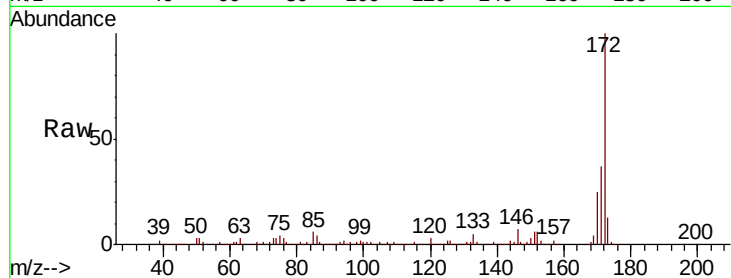




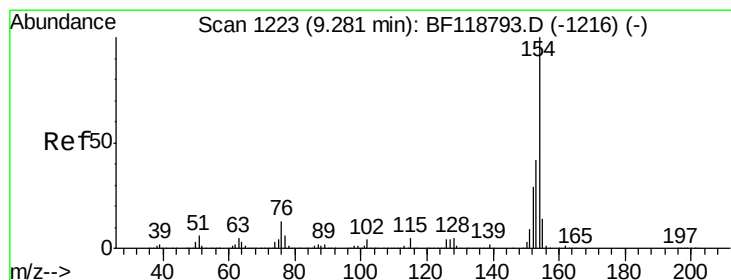
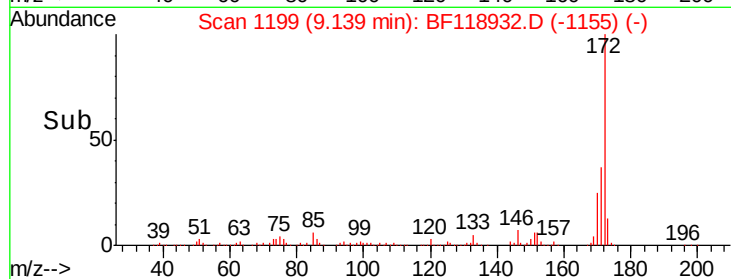
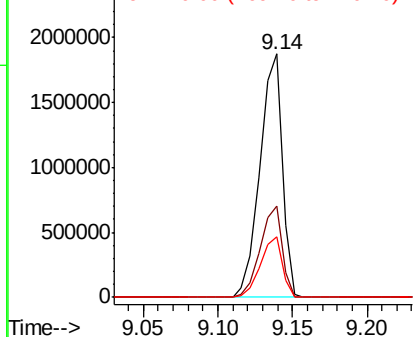
#45
2-Fluorobiphenyl
Concen: 87.607 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1921206
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 24.7 20.5 30.7

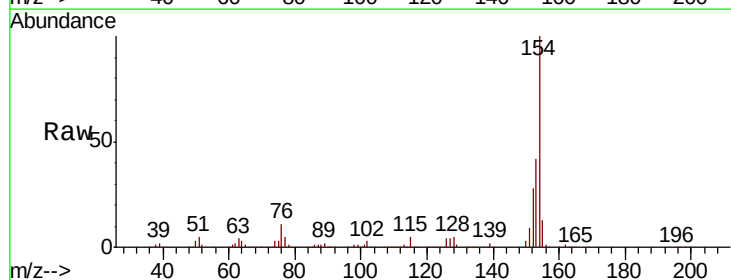


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

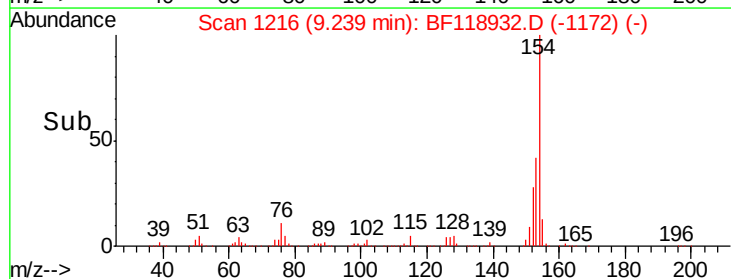
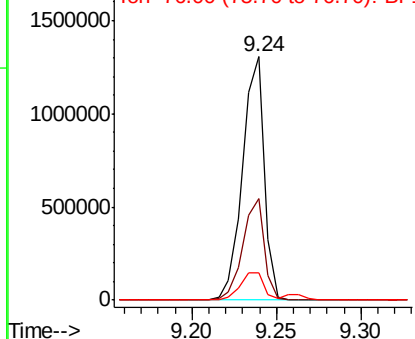


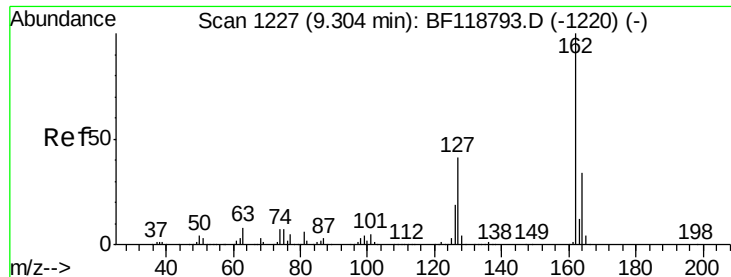
#46
1,1'-Biphenyl
Concen: 43.193 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:154 Resp: 1171349
Ion Ratio Lower Upper
154 100
153 41.7 22.4 62.4
76 11.0 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

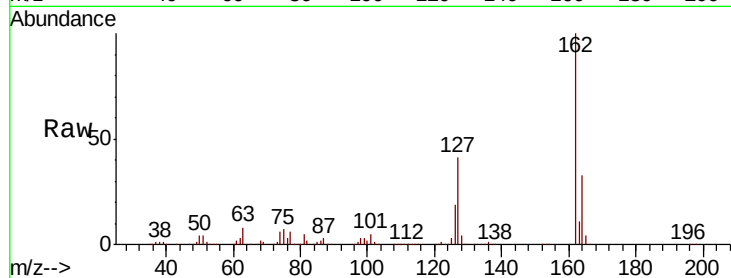




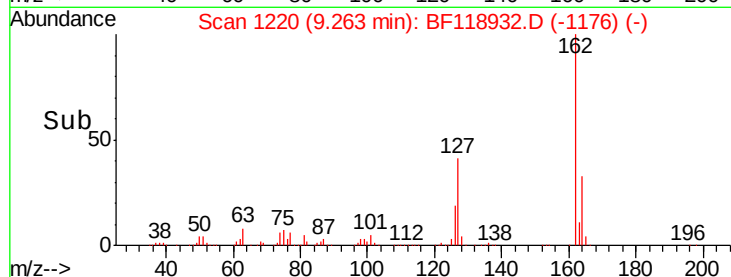
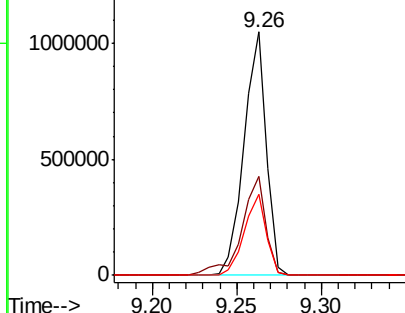
#47
 2-Chloronaphthalene
 Concen: 42.870 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	162	Resp:	966507
Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.3	49.9
164	33.2	27.1	40.7

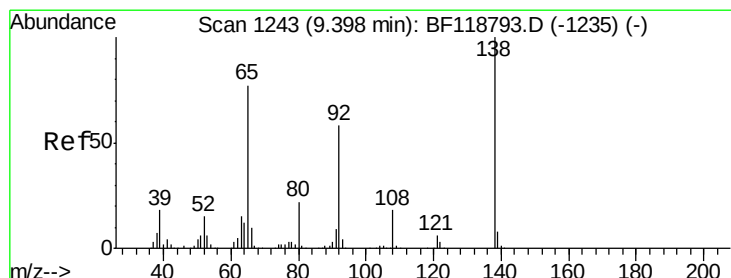


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

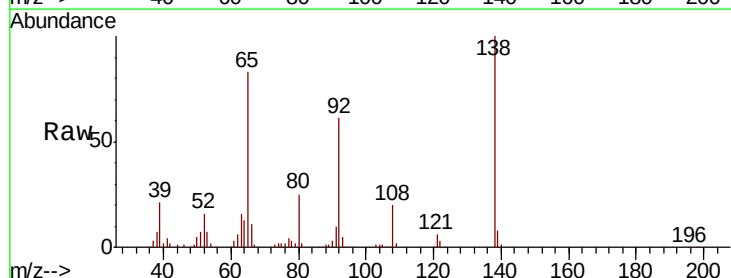
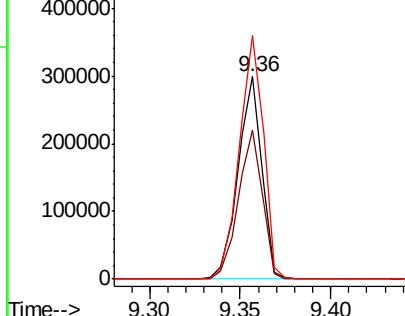


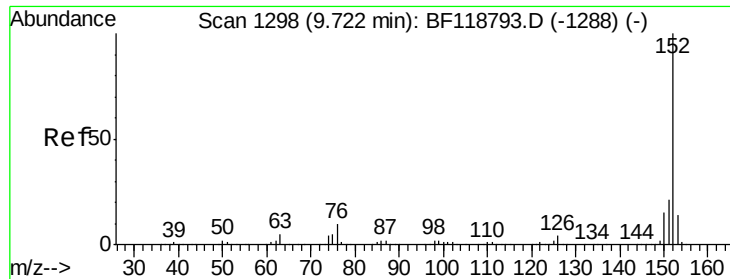
#48
 2-Nitroaniline
 Concen: 41.681 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Tgt Ion:	65	Resp:	271025
Ion	Ratio	Lower	Upper
65	100		
92	73.9	60.6	91.0
138	120.4	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: 43.071 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.05 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

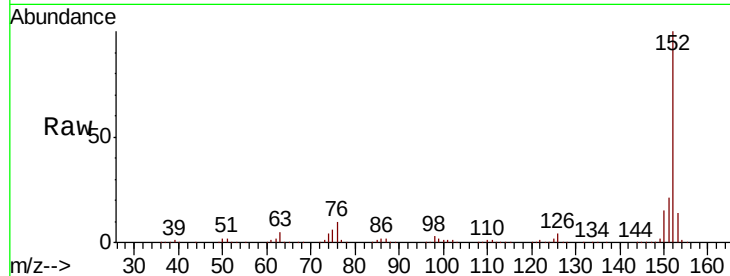
Tot Ion:152 Resp: 1402035

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

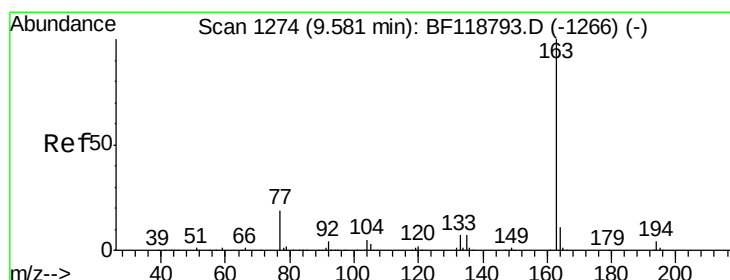
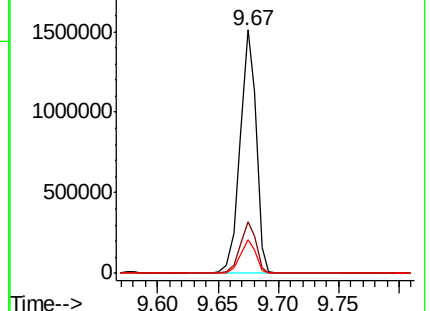
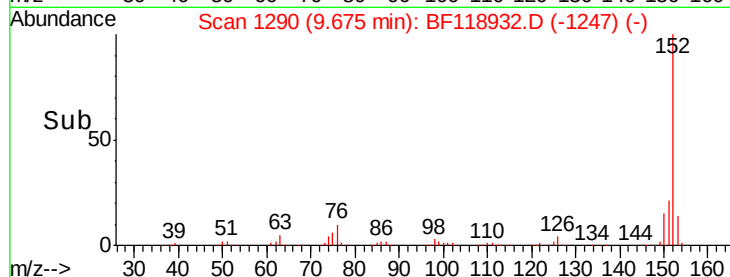
153 13.7 11.0 16.4



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: 42.176 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.04 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

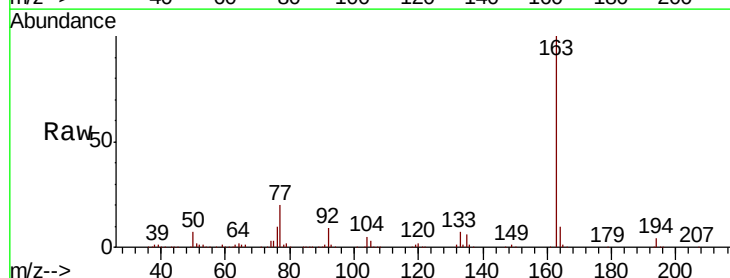
Tgt Ion:163 Resp: 1125856

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

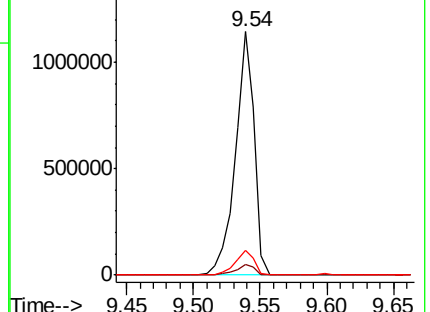
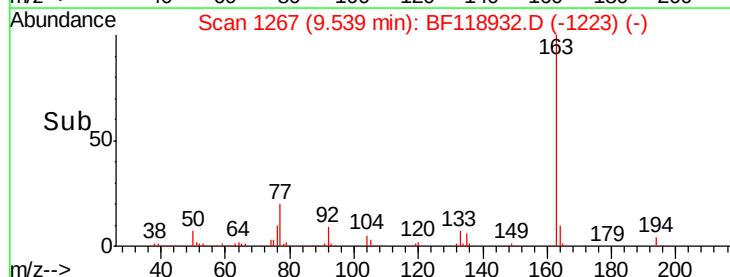
164 10.4 8.7 13.1

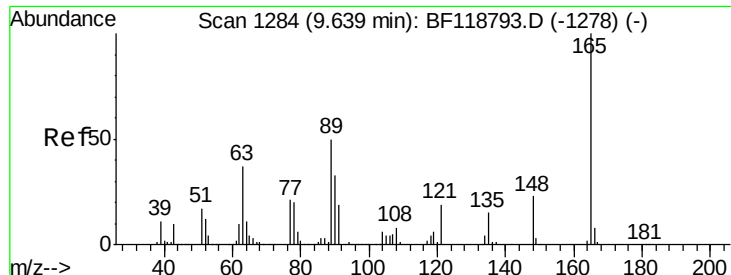


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

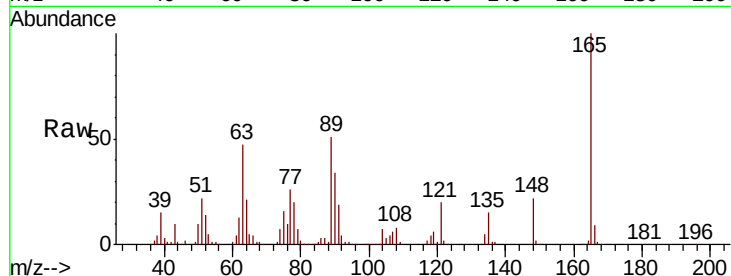




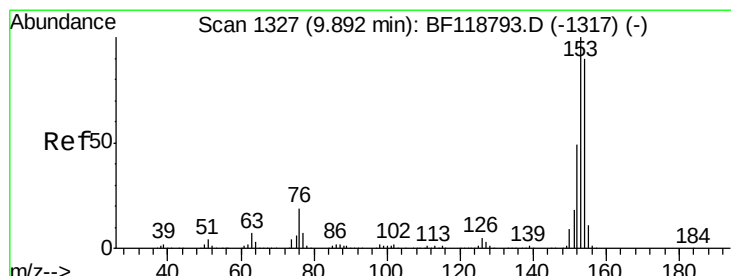
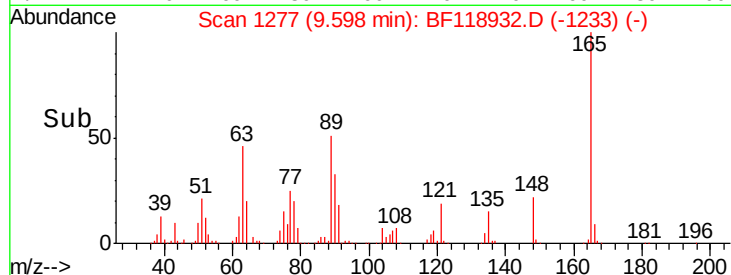
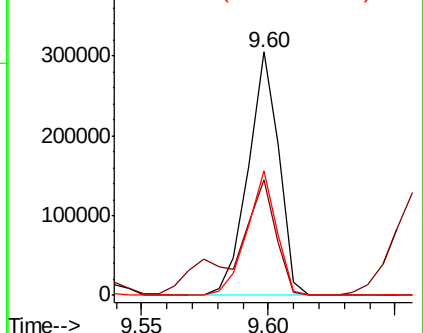
#51
 2,6-Dinitrotoluene
 Concen: 42.063 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 256918
 Ion Ratio Lower Upper
 165 100
 63 47.3 37.4 56.0
 89 50.9 39.7 59.5

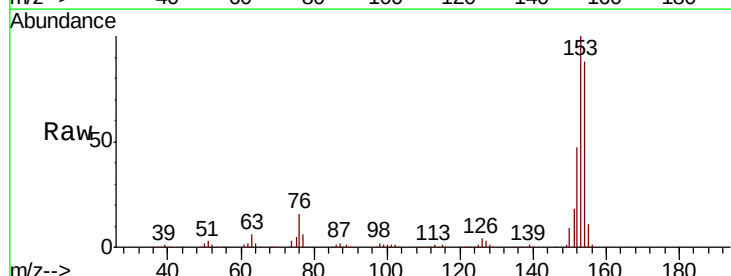


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

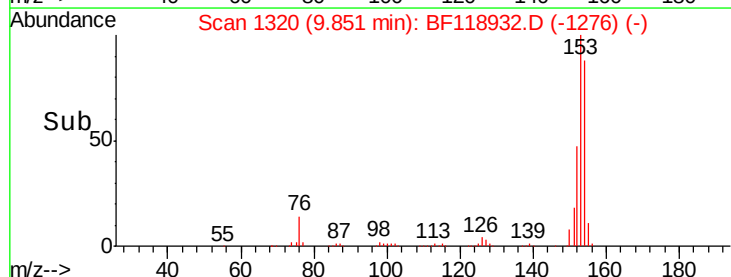
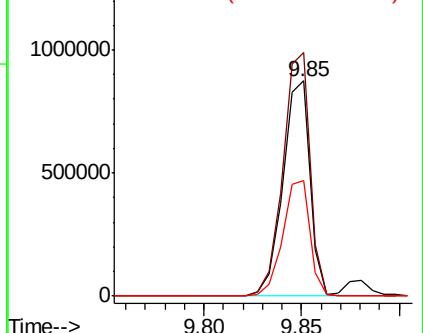


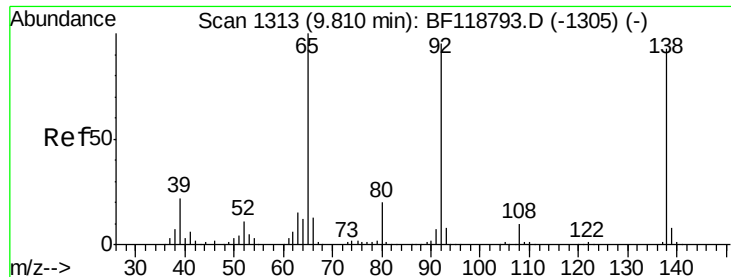
#52
 Acenaphthene
 Concen: 39.442 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Tgt Ion:154 Resp: 846035
 Ion Ratio Lower Upper
 154 100
 153 113.3 89.4 134.0
 152 53.6 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

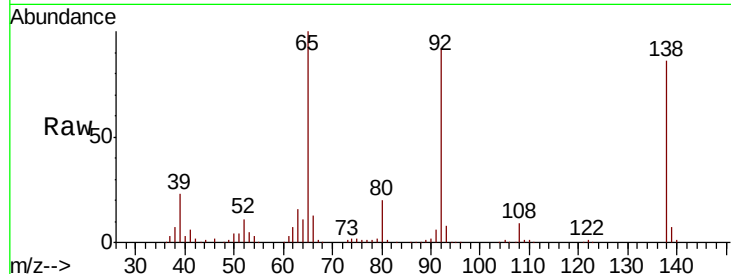




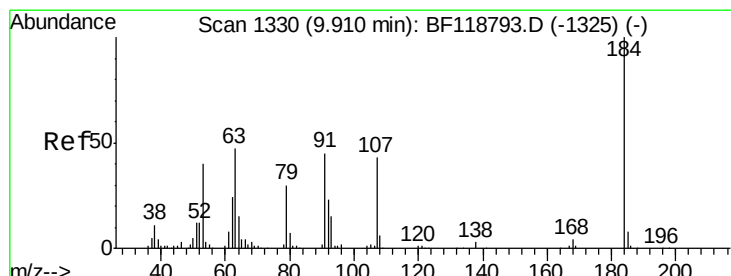
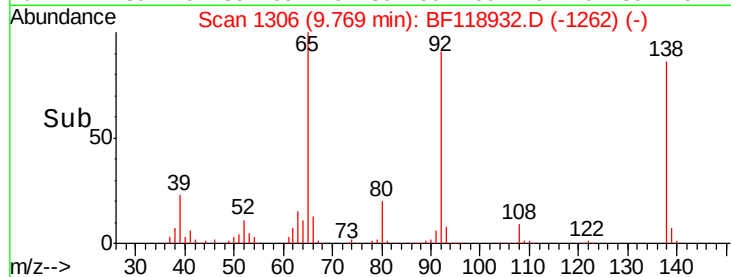
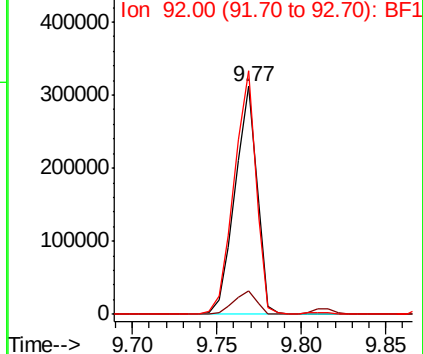
#53
3-Nitroaniline
Concen: 41.777 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 282988
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 106.9 82.2 123.4

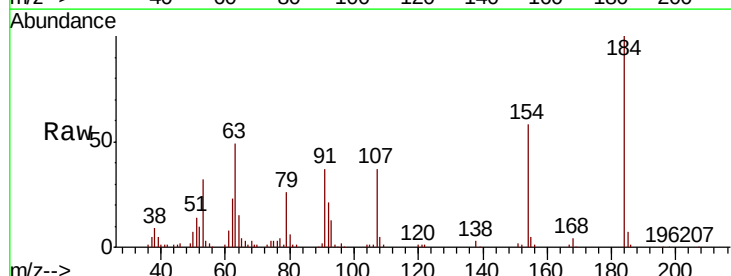


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

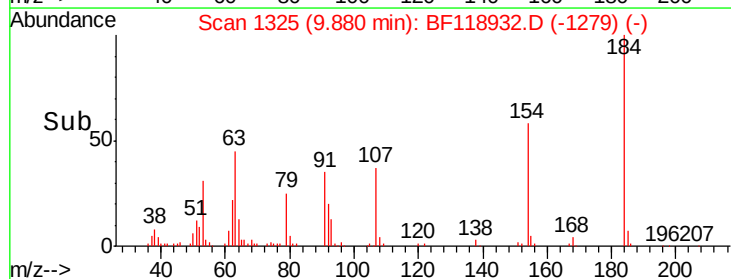
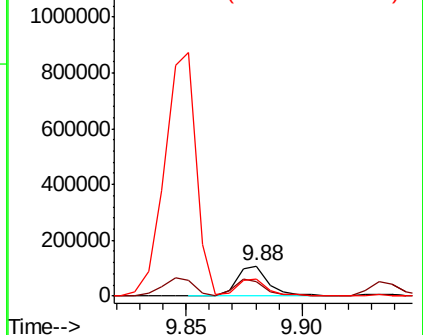


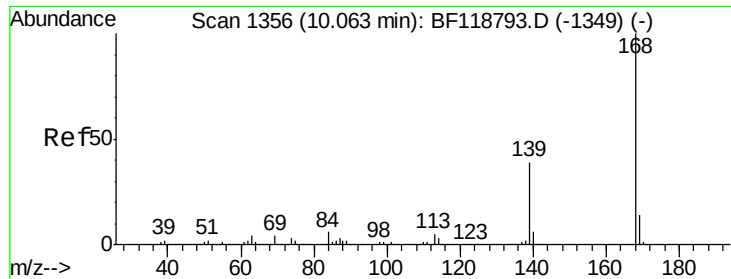
#54
2,4-Dinitrophenol
Concen: 35.189 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:184 Resp: 103324
Ion Ratio Lower Upper
184 100
63 48.6 47.5 71.3
154 58.1 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

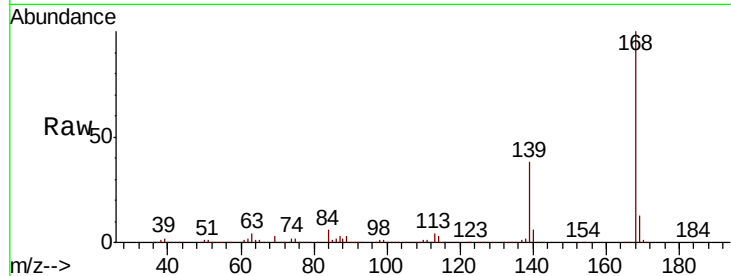




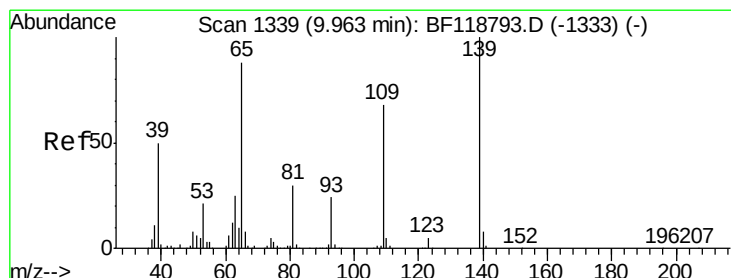
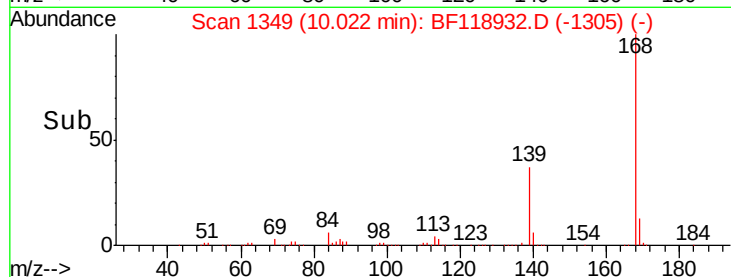
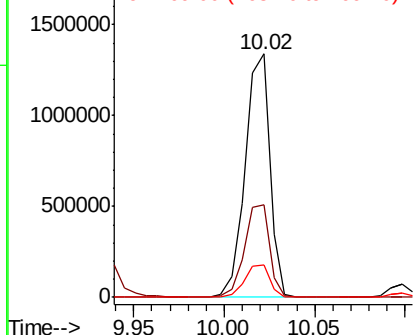
#55
Dibenzofuran
Concen: 40.866 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1266830
Ion Ratio Lower Upper
168 100
139 38.0 31.6 47.4
169 13.4 11.4 17.2

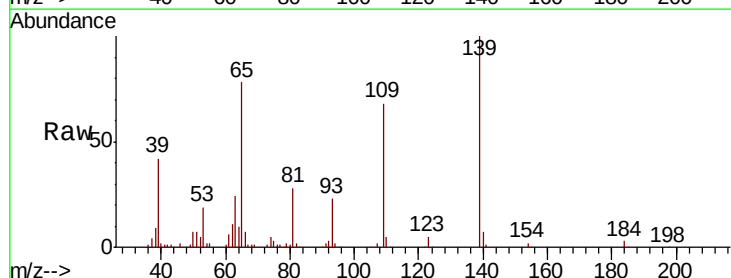


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

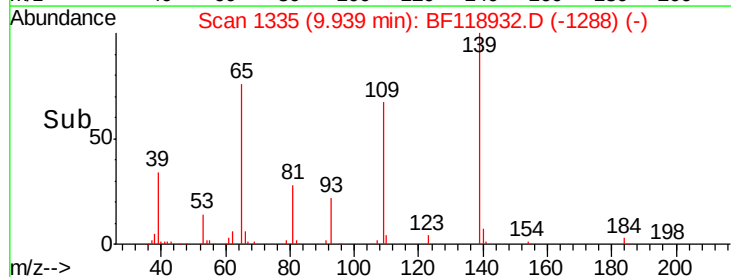
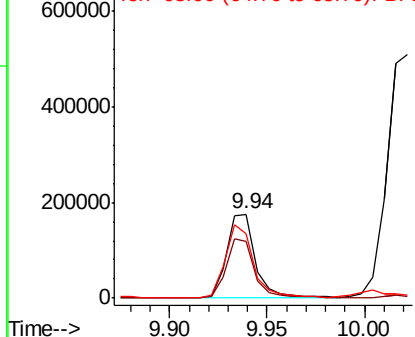


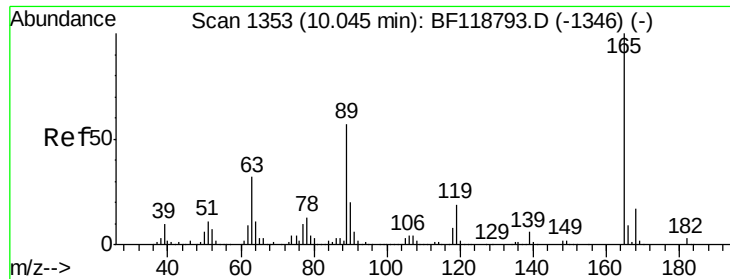
#56
4-Nitrophenol
Concen: 36.994 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:139 Resp: 181364
Ion Ratio Lower Upper
139 100
109 67.9 48.0 88.0
65 77.6 68.3 108.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

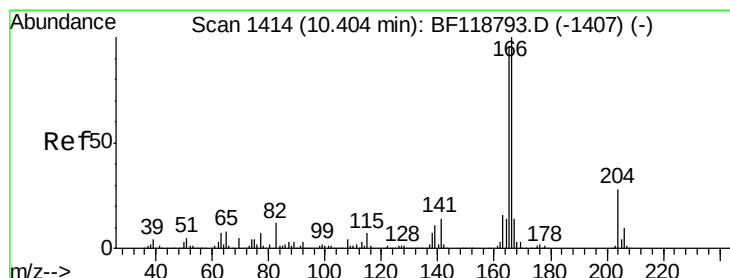
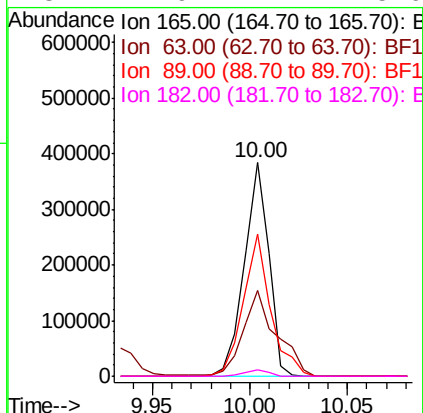
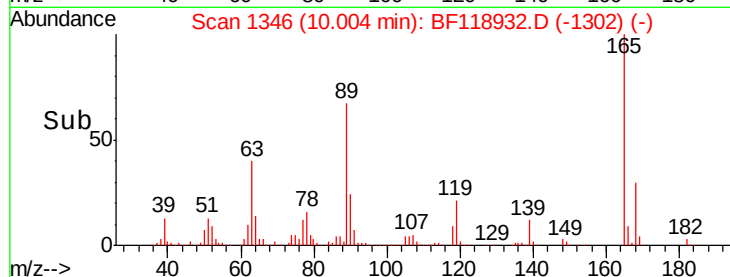
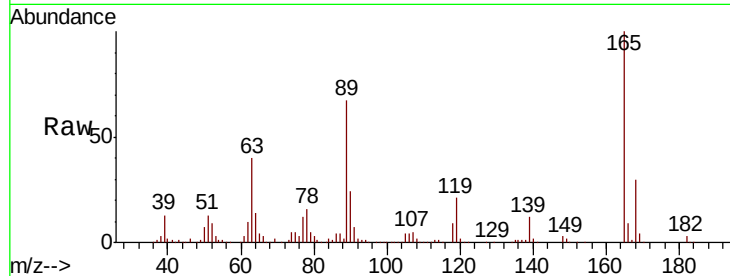




#57
 2,4-Dinitrotoluene
 Concen: 41.167 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

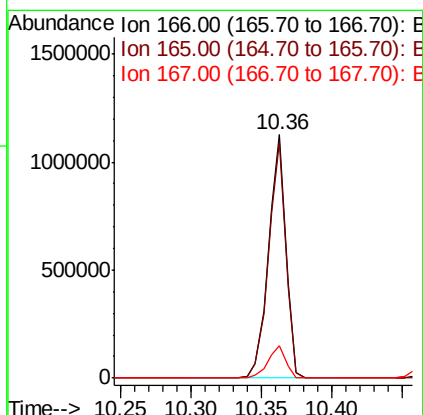
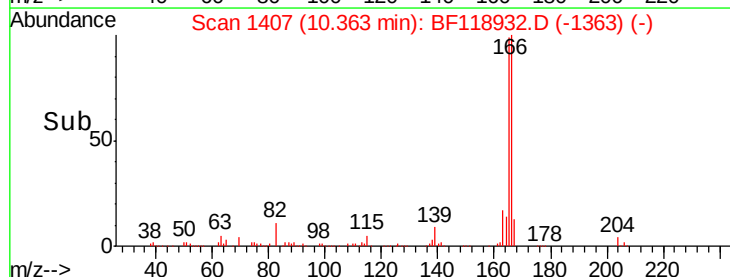
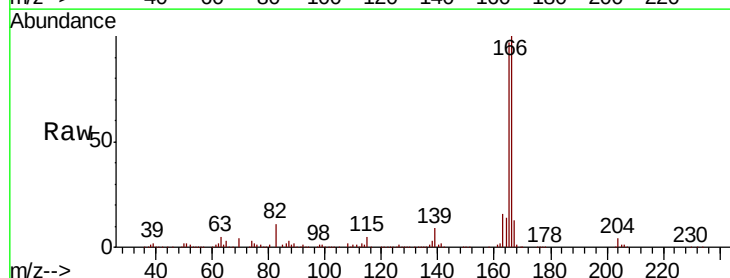
Instrument :
 BNA_F
 ClientSampled :

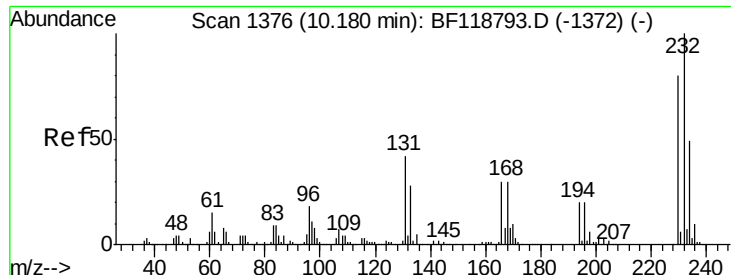
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.0	25.5	38.3#
89	66.6	45.4	68.0
182	2.9	2.4	3.6



#58
 Fluorene
 Concen: 41.930 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.0	115.6
167	13.2	11.1	16.7

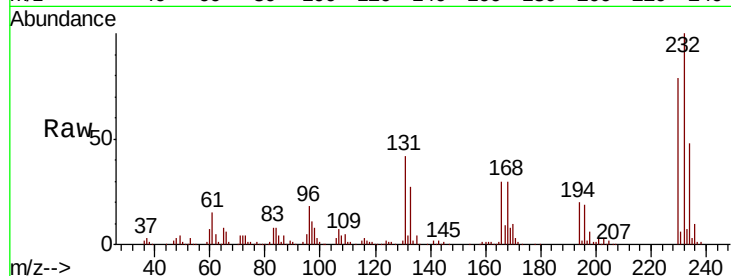




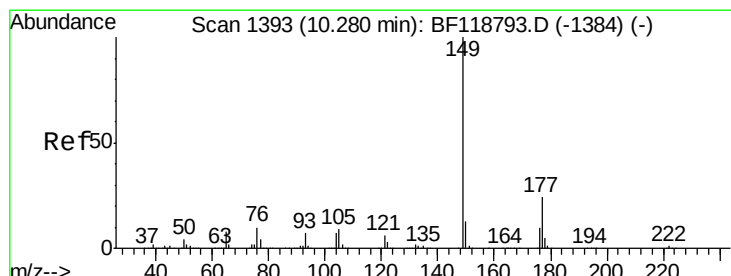
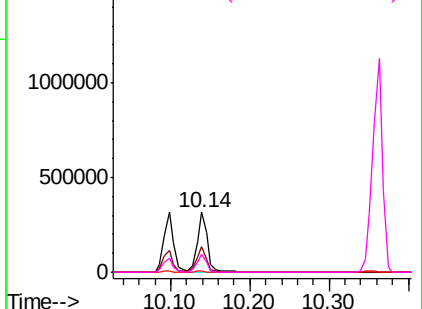
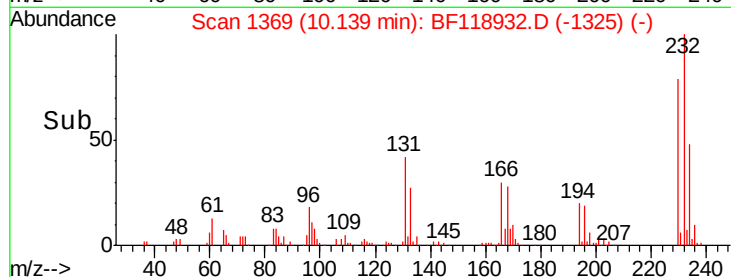
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.542 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	286239
Ion	Ratio	Lower	Upper
232	100		
131	40.0	31.8	47.6
130	2.0	1.6	2.4
166	28.4	23.1	34.7

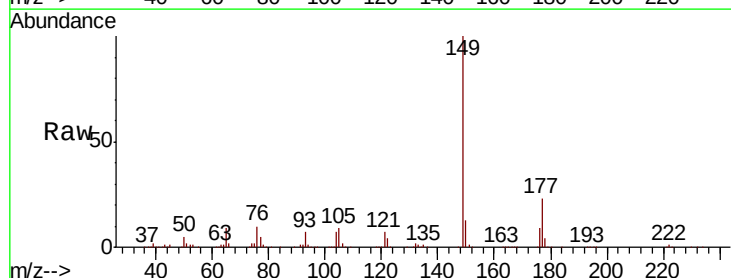


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

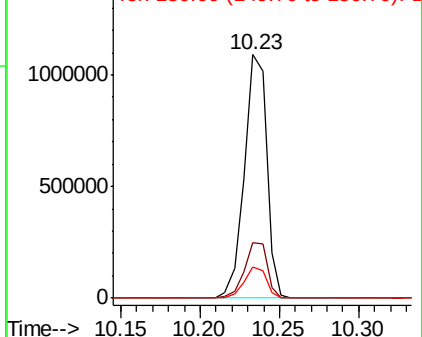
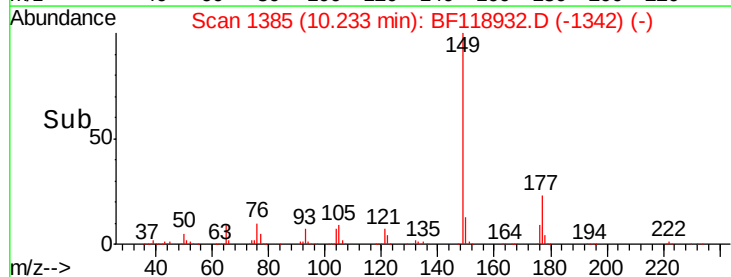


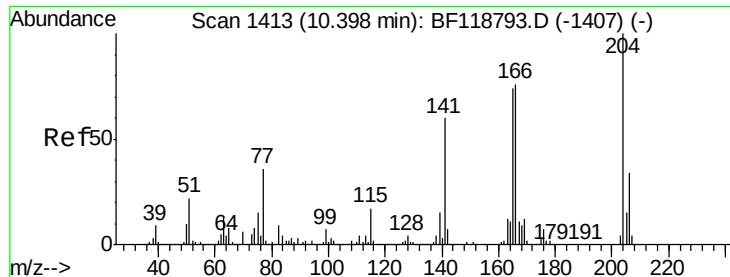
#60
 Diethylphthalate
 Concen: 41.038 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.05 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

Tgt Ion:	149	Resp:	1065209
Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.3	28.9
150	12.8	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

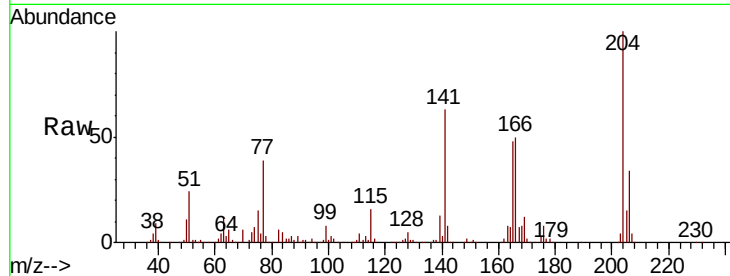




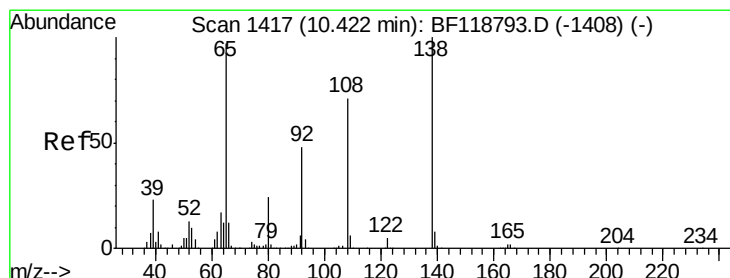
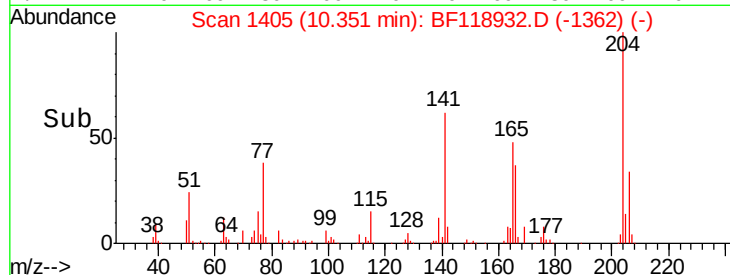
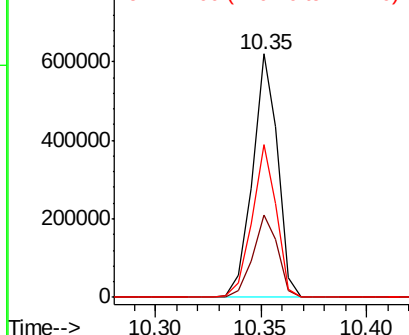
#61
4-Chlorophenyl-phenylether
Concen: 40.369 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.05 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 510565
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 62.7 47.8 71.6

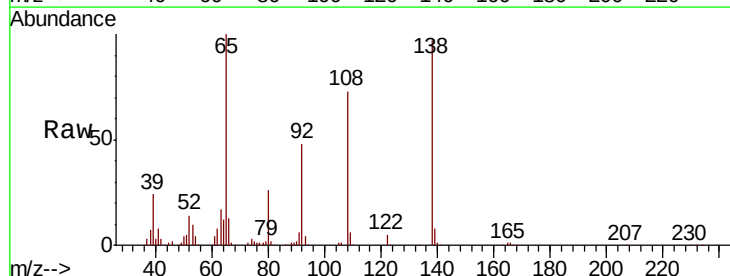


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

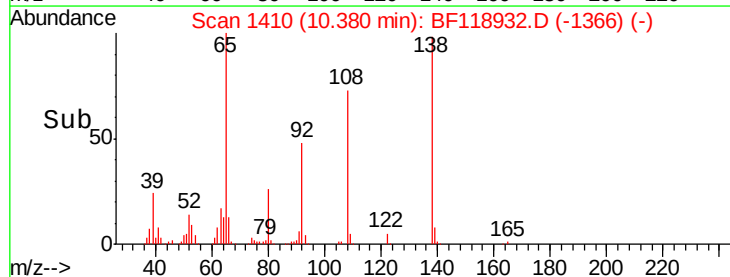
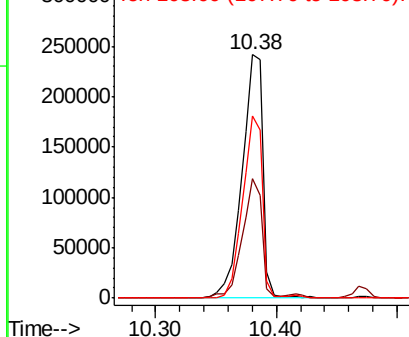


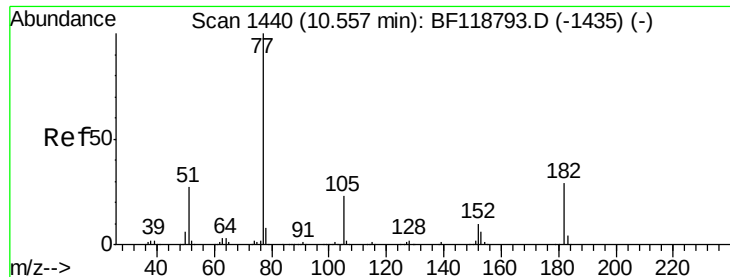
#62
4-Nitroaniline
Concen: 42.988 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:138 Resp: 291608
Ion Ratio Lower Upper
138 100
92 49.1 27.6 67.6
108 74.9 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: 41.859 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.04 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 927620

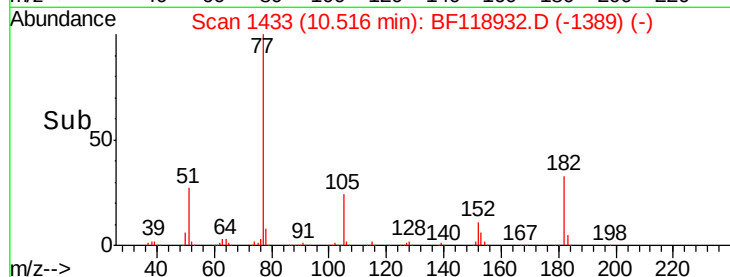
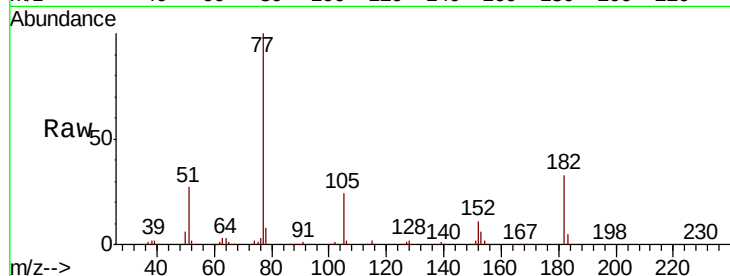
Ion Ratio Lower Upper

77 100

182 32.6 9.2 49.2

105 23.9 3.1 43.1

51 26.7 7.4 47.4

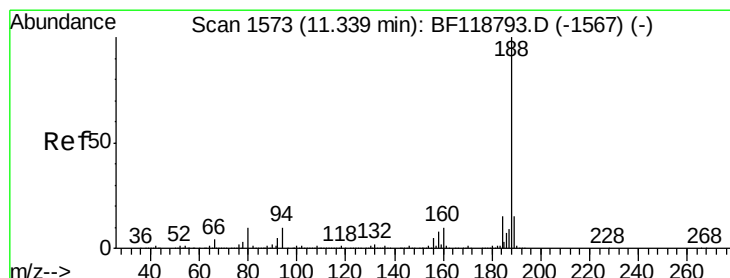
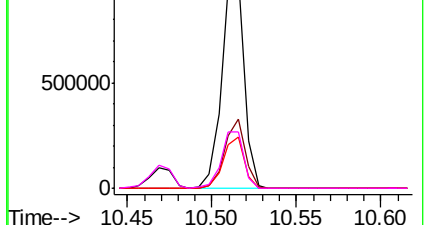


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF118932.D

Acq: 14 Feb 2020 14:16

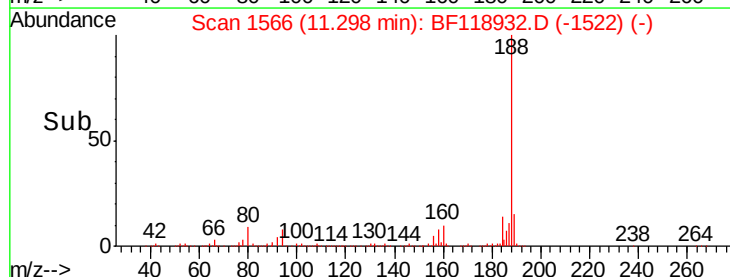
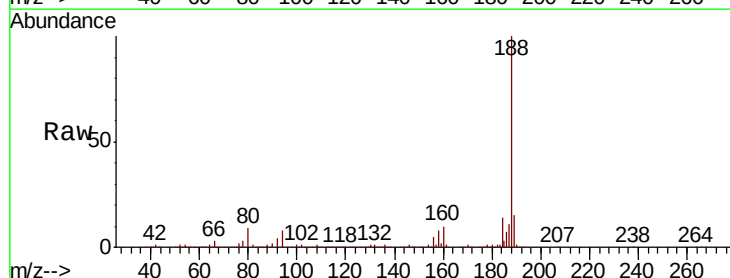
Tgt Ion: 188 Resp: 729966

Ion Ratio Lower Upper

188 100

94 8.4 7.9 11.9

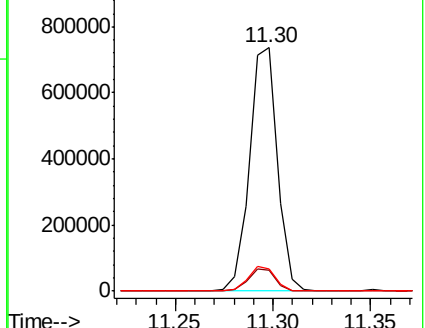
80 8.9 8.4 12.6

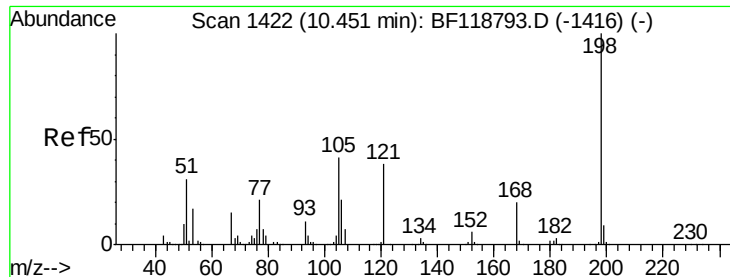


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

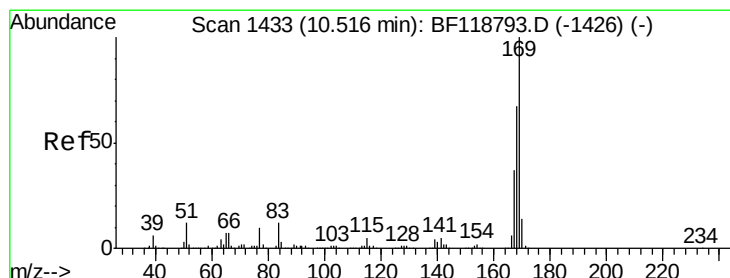
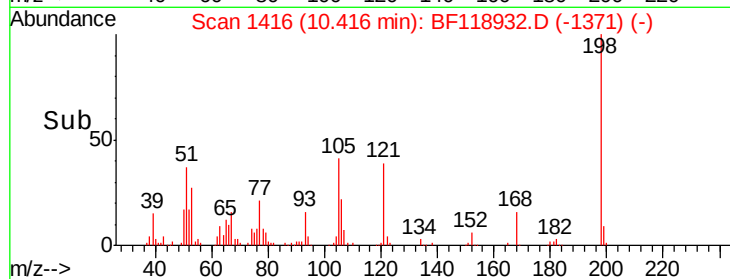
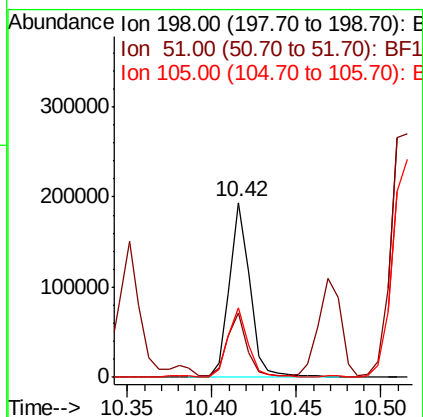
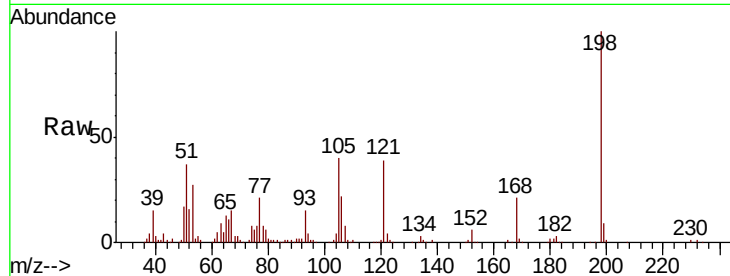




#65
4,6-Dinitro-2-methylphenol
Concen: 40.079 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

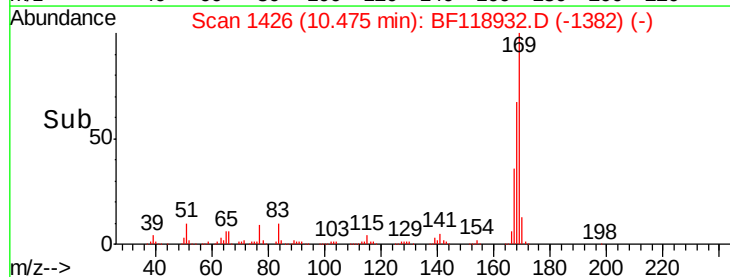
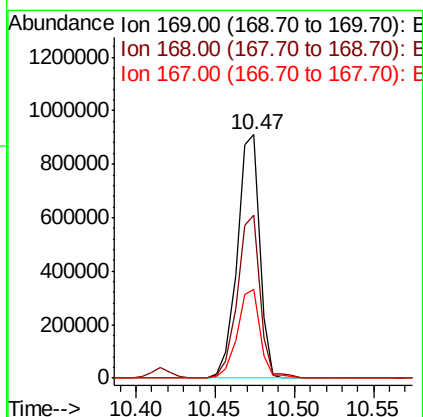
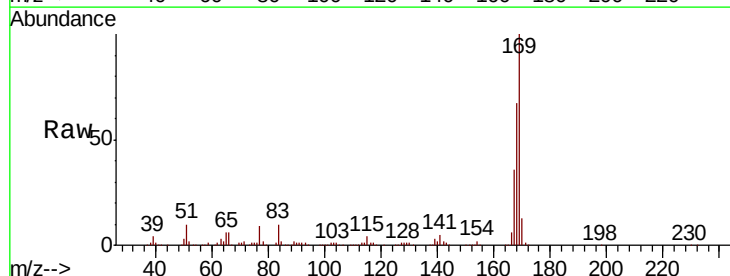
Instrument :
BNA_F
ClientSampleId :

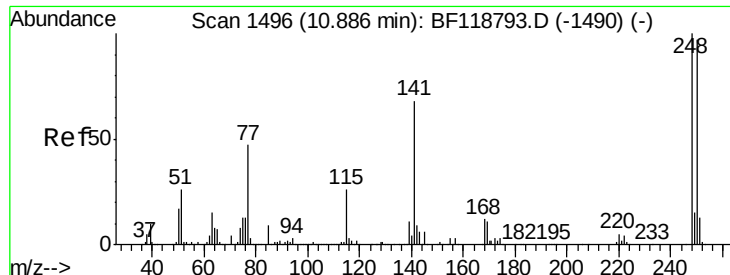
Tot Ion:198 Resp: 164396
Ion Ratio Lower Upper
198 100
51 36.5 16.7 56.7
105 40.0 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 42.236 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:169 Resp: 893060
Ion Ratio Lower Upper
169 100
168 67.0 53.5 80.3
167 36.4 29.3 43.9

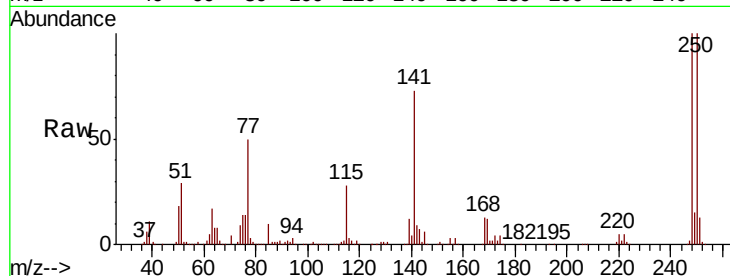




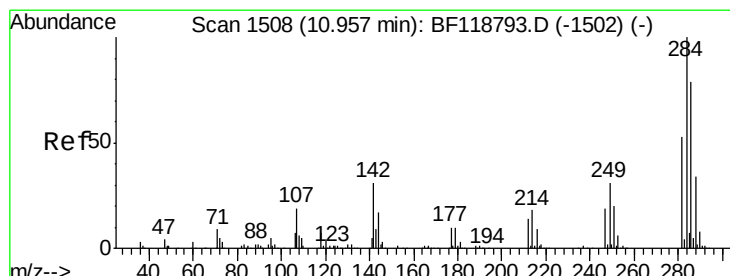
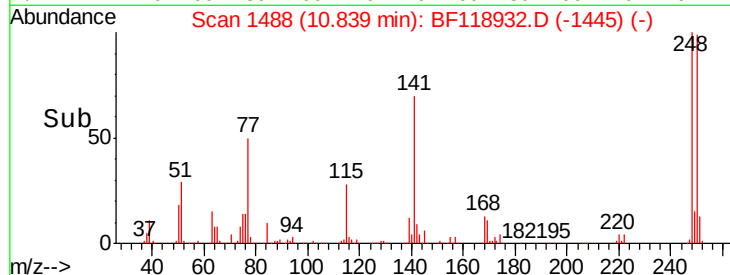
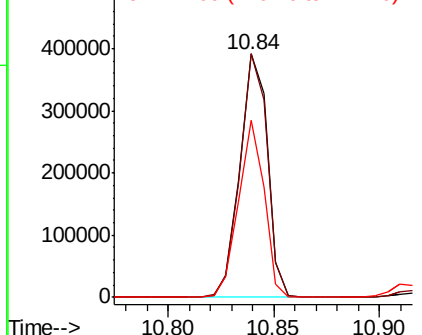
#67
4-Bromophenyl-phenylether
Concen: 41.038 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.05 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 354369
Ion Ratio Lower Upper
248 100
250 99.8 77.6 116.4
141 72.8 54.4 81.6

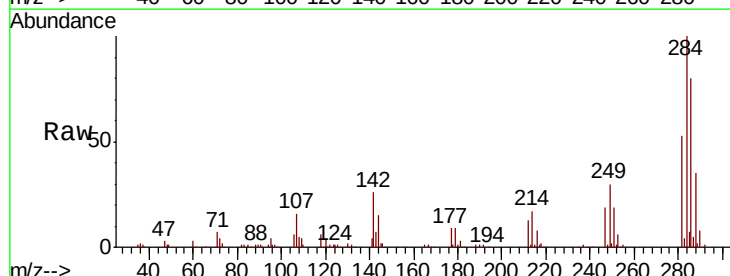


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

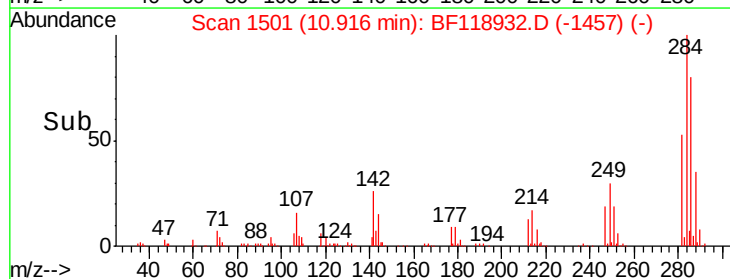
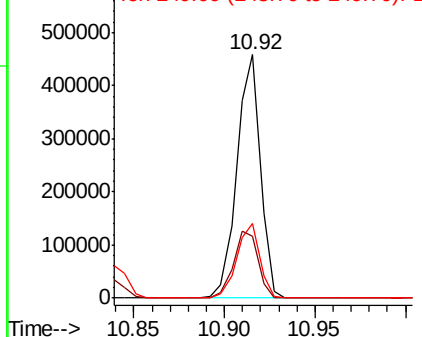


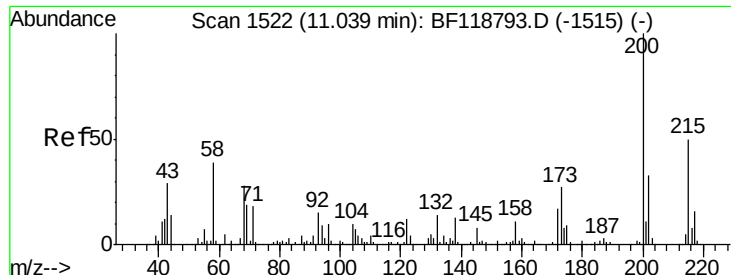
#68
Hexachlorobenzene
Concen: 41.601 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:284 Resp: 412036
Ion Ratio Lower Upper
284 100
142 25.6 24.5 36.7
249 30.5 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

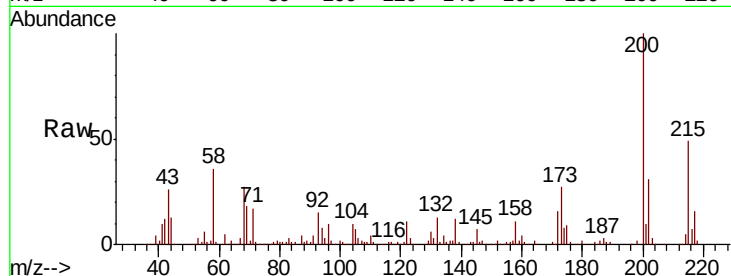




#69
Atrazine
Concen: 39.001 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.5	47.5
215	49.0	29.9	69.9

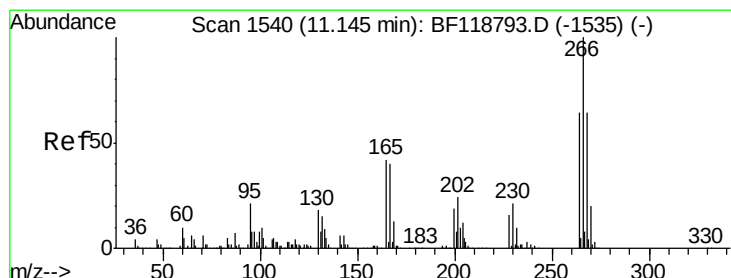
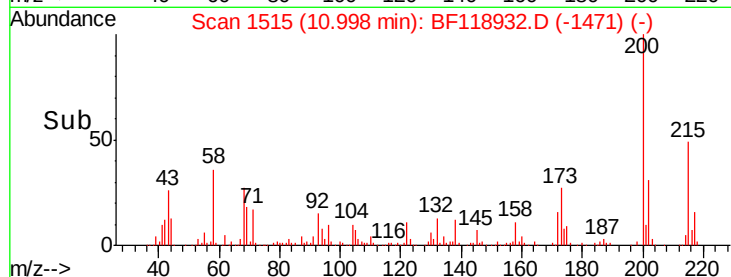
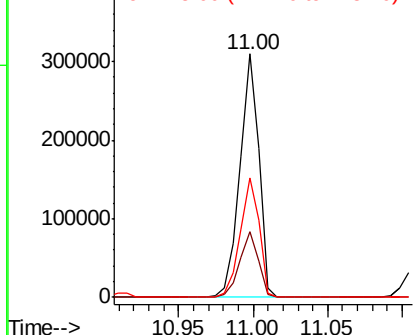


Abundance

Ion 200.00 (199.70 to 200.70): E

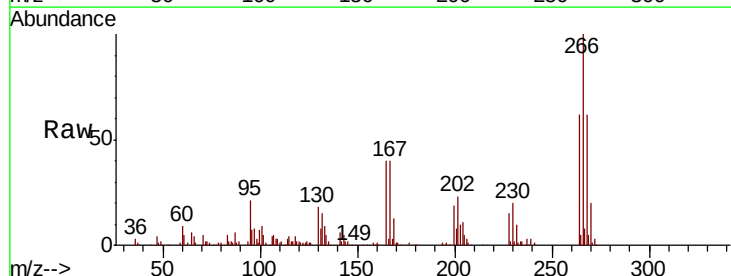
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 33.065 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.0	76.6
264	62.3	51.4	77.2

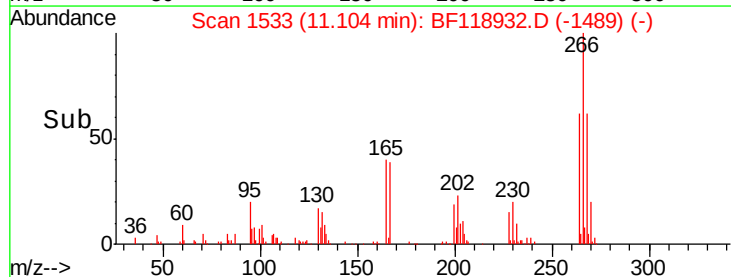
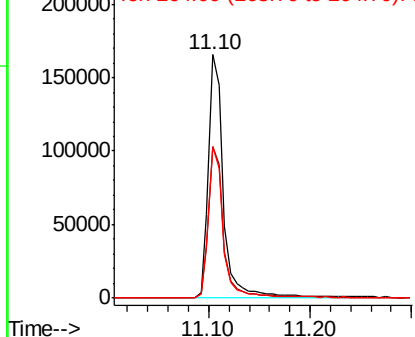


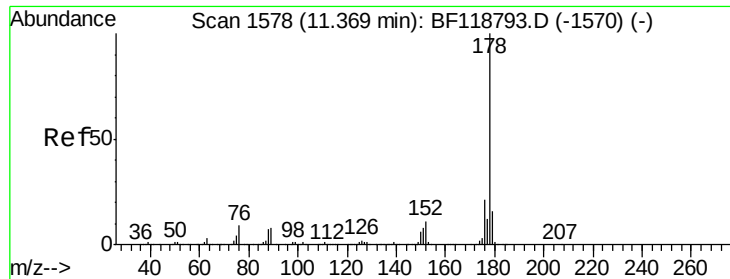
Abundance

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

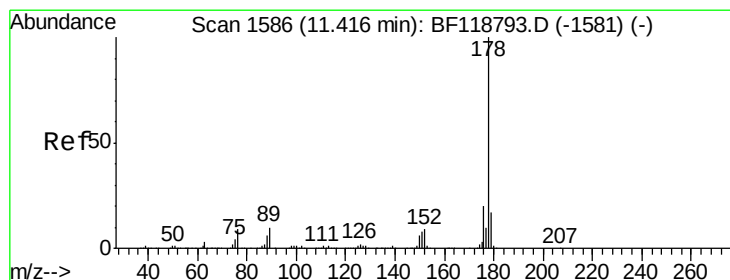
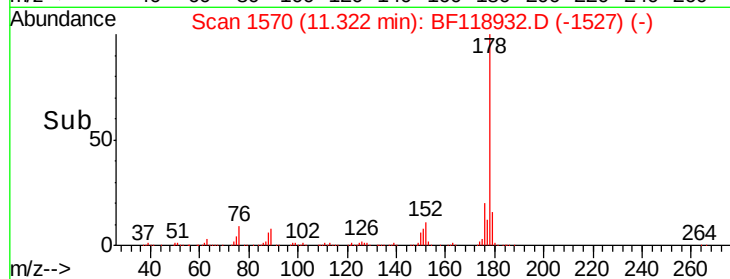
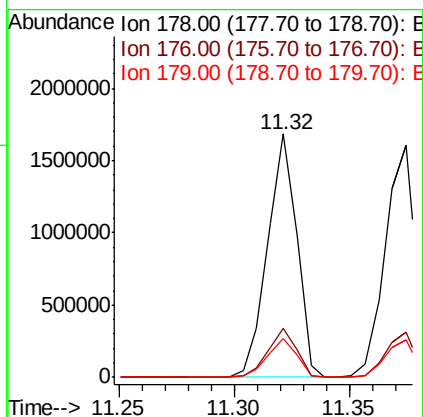
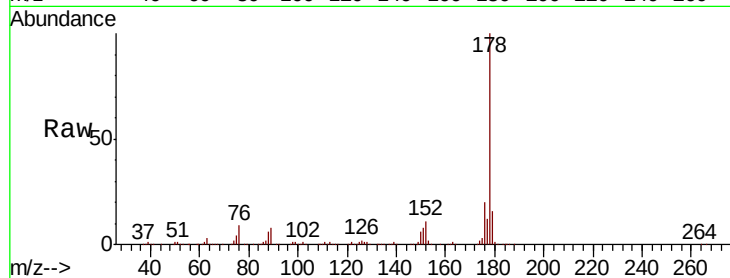




#71
Phenanthrene
Concen: 41.382 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.05 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

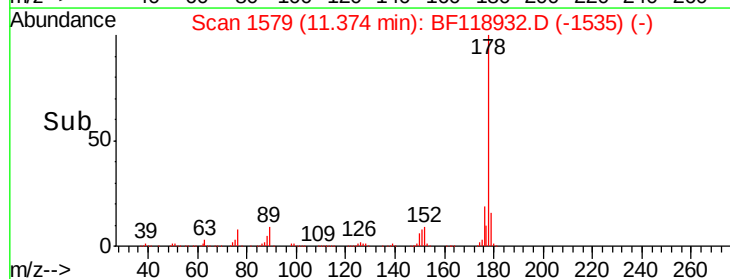
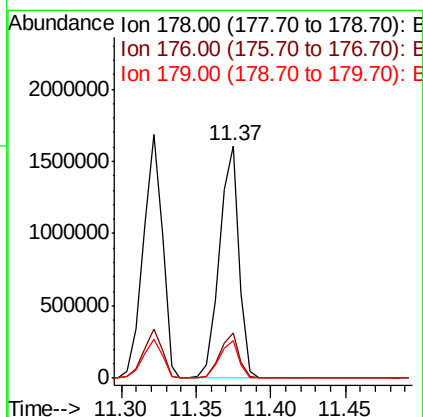
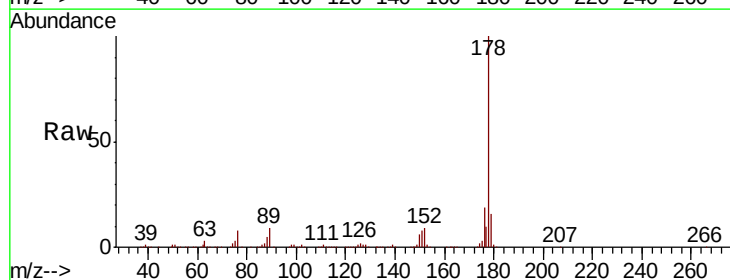
Instrument :
BNA_F
ClientSampleId :

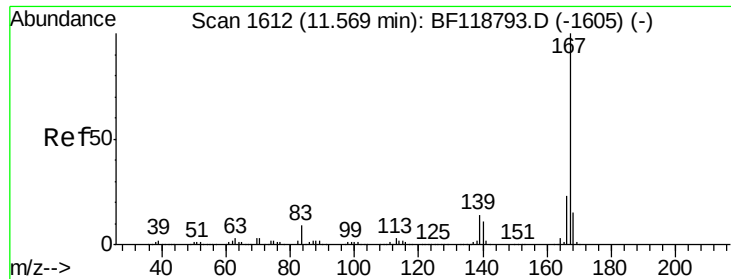
Tot Ion:178 Resp: 1486261
Ion Ratio Lower Upper
178 100
176 20.1 16.6 24.8
179 16.0 13.2 19.8



#72
Anthracene
Concen: 41.477 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.04 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:178 Resp: 1481969
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 16.0 13.4 20.2



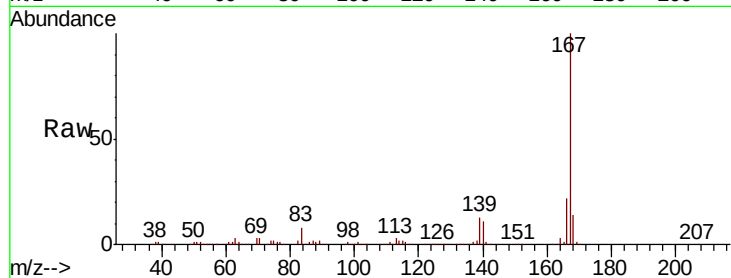


#73
 Carbazole
 Concen: 42.176 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.04 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

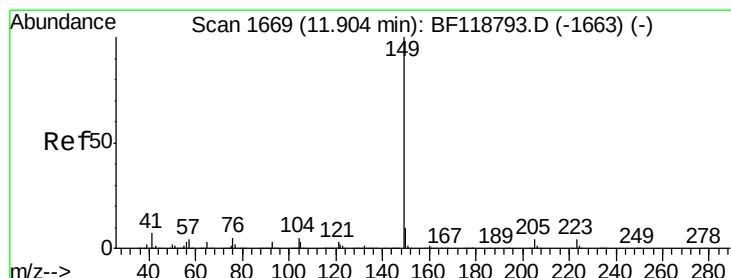
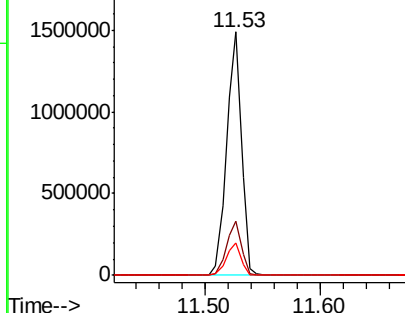
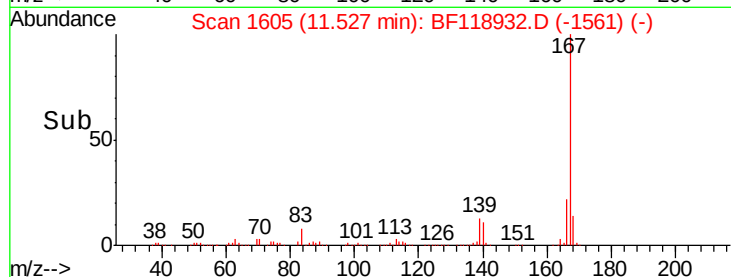
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1322501

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.4	27.6
139	13.5	11.1	16.7



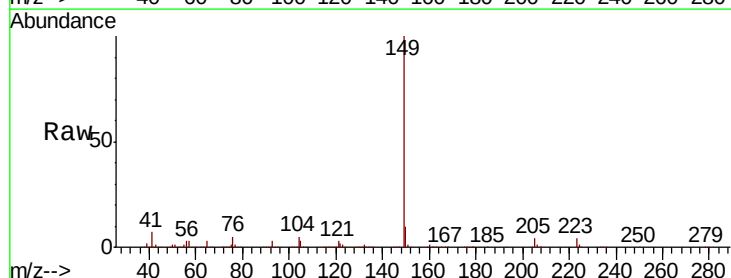
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



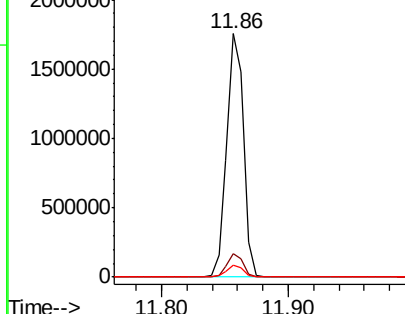
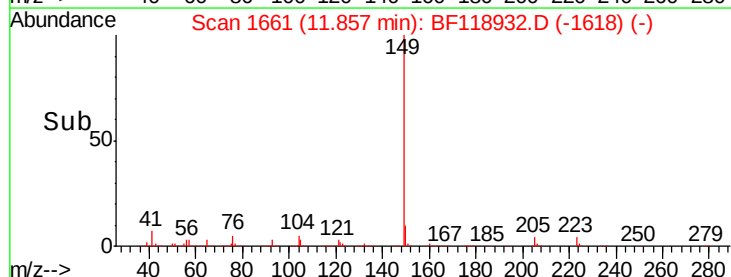
#74
 Di-n-butylphthalate
 Concen: 39.928 ng
 RT: 11.86 min Scan# 1661
 Delta R.T. -0.05 min
 Lab File: BF118932.D
 Acq: 14 Feb 2020 14:16

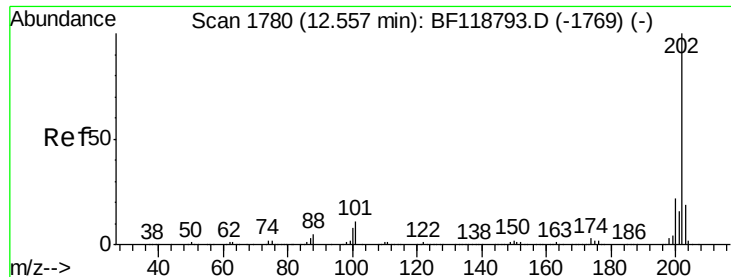
Tgt Ion:149 Resp: 1594897

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	5.1	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

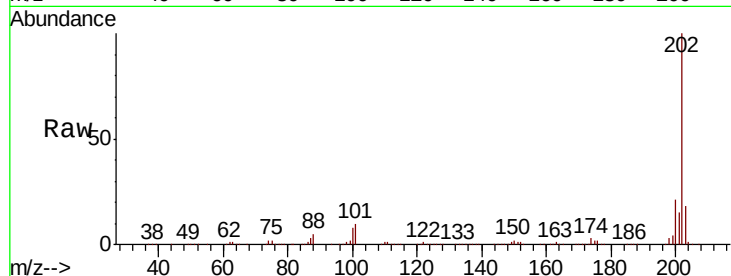




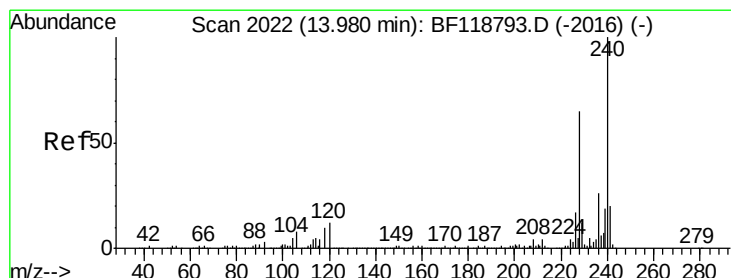
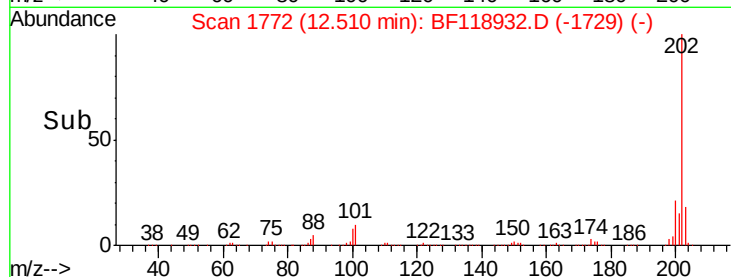
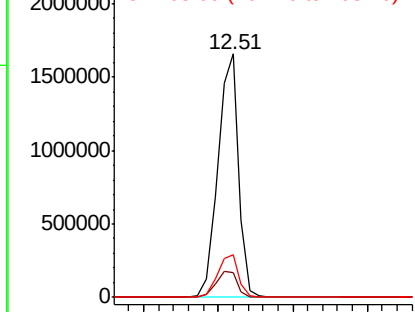
#75
Fluoranthene
Concen: 40.679 ng
RT: 12.51 min Scan# 1772
Delta R.T. -0.05 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1595137
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.0
203 17.7 0.0 38.7

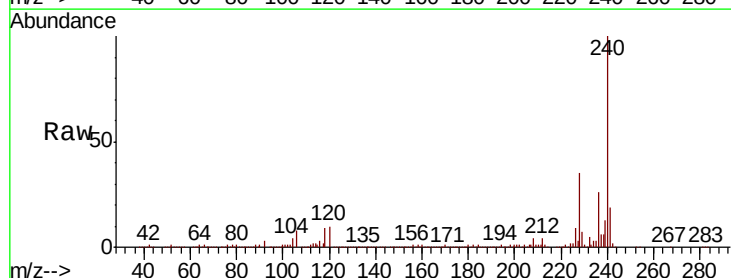


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

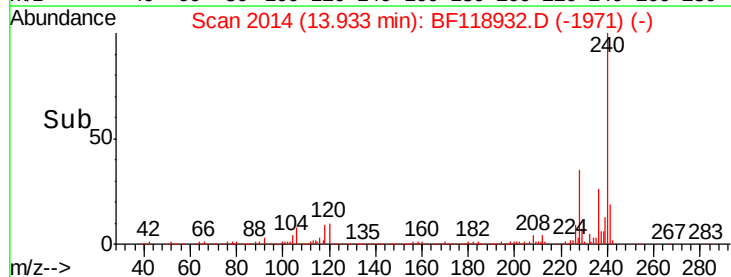
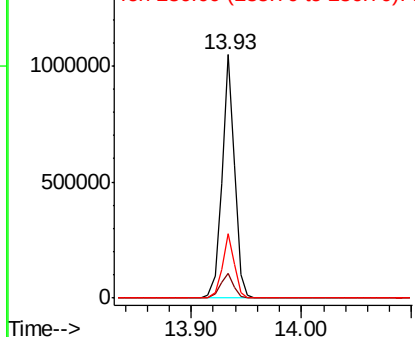


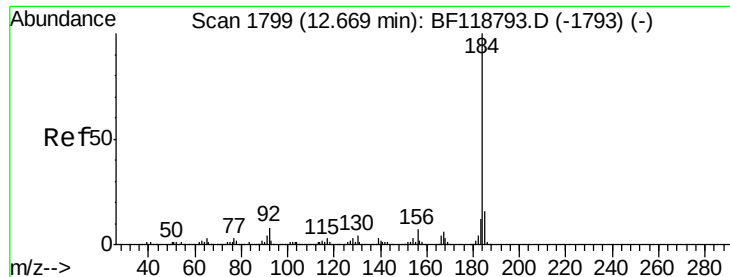
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.05 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:240 Resp: 826645
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.0
236 26.2 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: 35.651 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.04 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

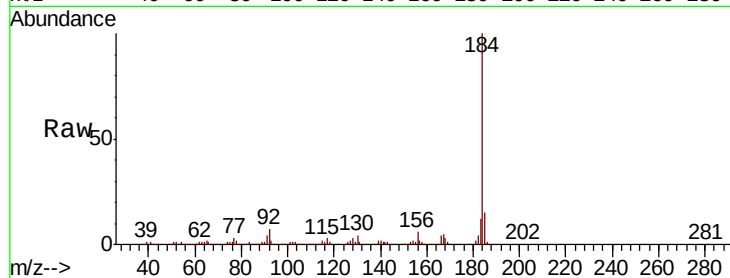
Tot Ion:184 Resp: 891371

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

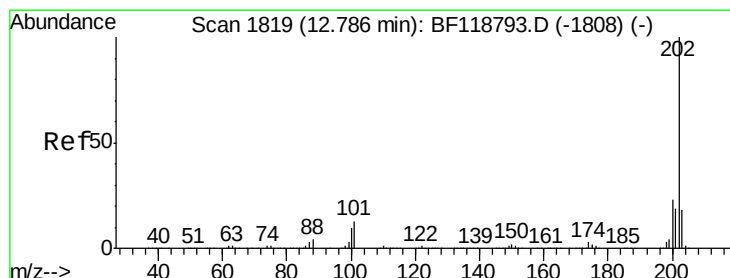
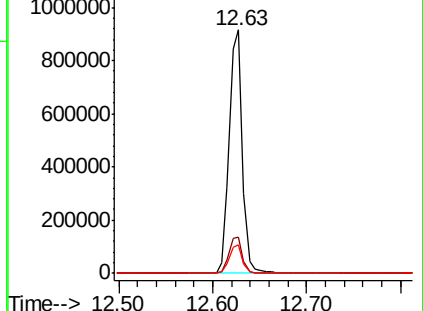
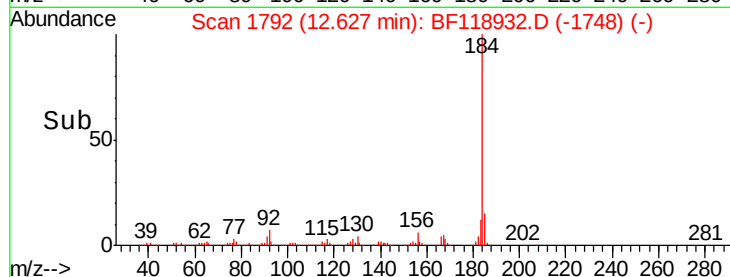
183 11.7 9.7 14.5



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: 37.558 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

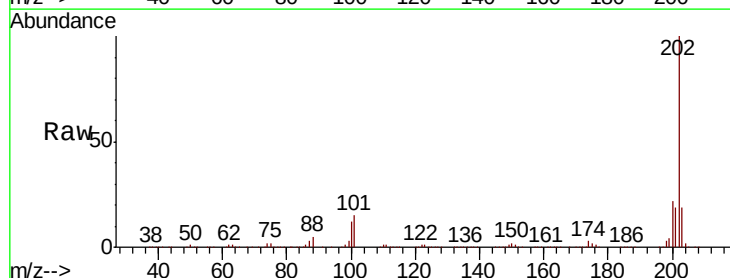
Tgt Ion:202 Resp: 2129925

Ion Ratio Lower Upper

202 100

200 22.3 18.2 27.2

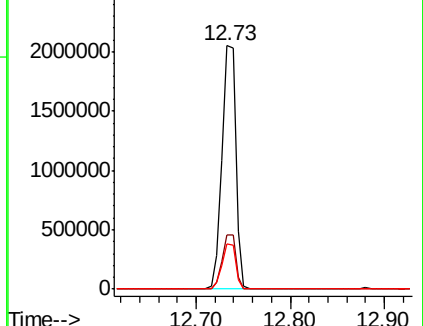
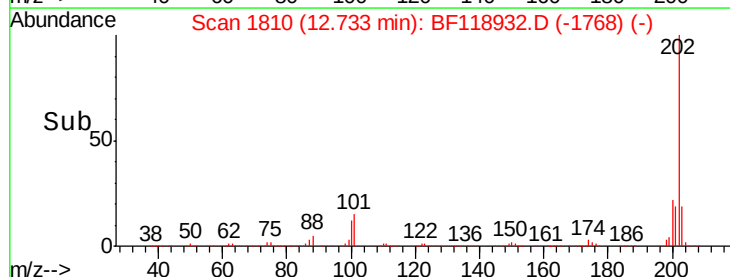
203 18.6 14.8 22.2

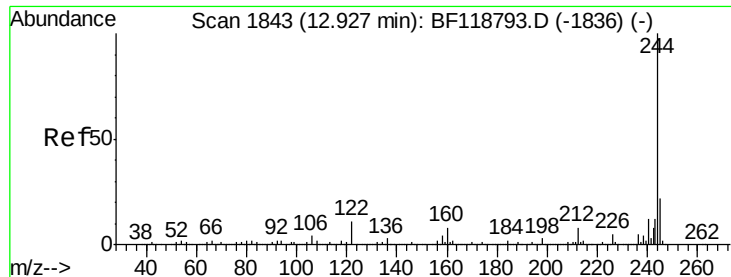


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.598 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.05 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

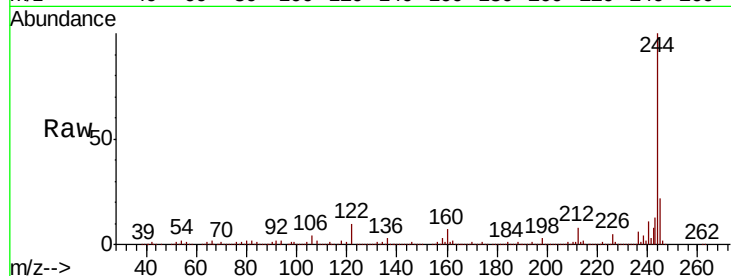
Tot Ion:244 Resp: 3002190

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

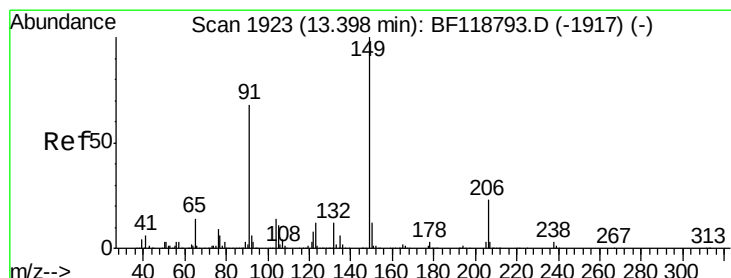
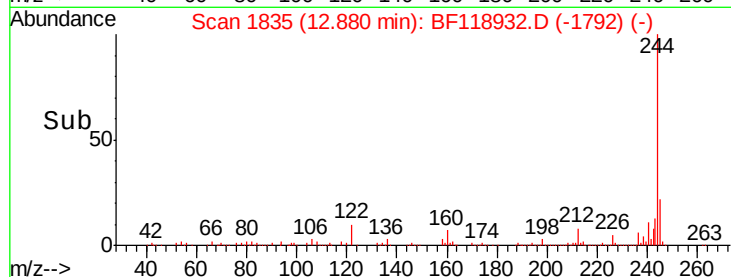
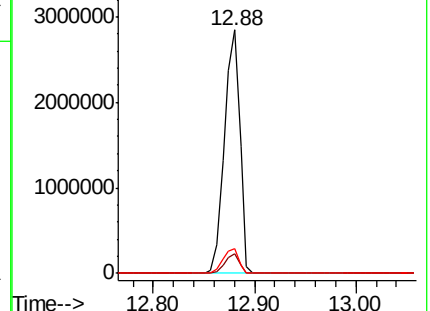
122 10.4 8.9 13.3



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: 32.730 ng

RT: 13.35 min Scan# 1915

Delta R.T. -0.05 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

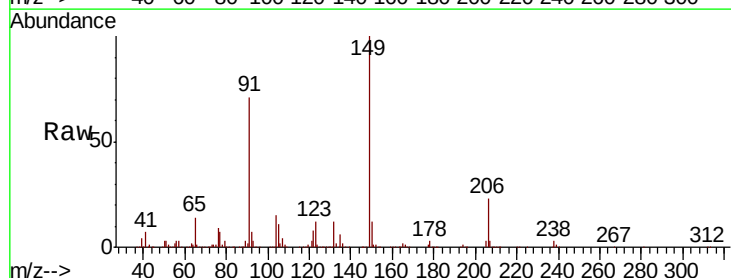
Tgt Ion:149 Resp: 847197

Ion Ratio Lower Upper

149 100

91 70.9 54.7 82.1

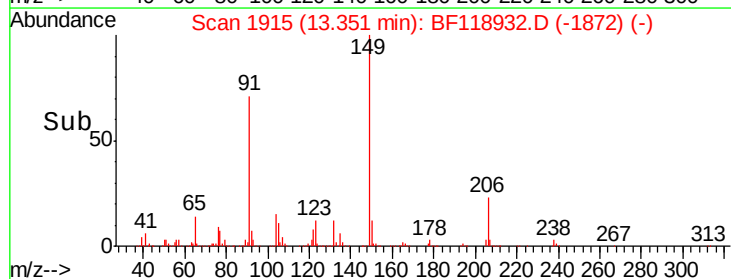
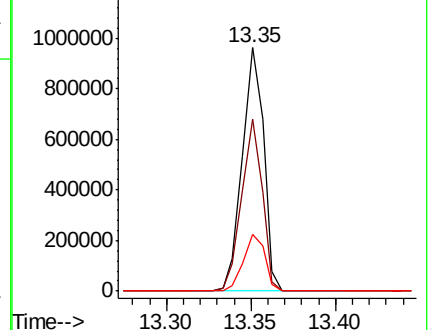
206 23.2 18.5 27.7

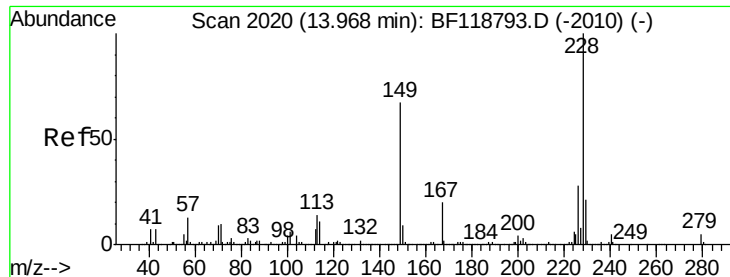


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.246 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.05 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampled :

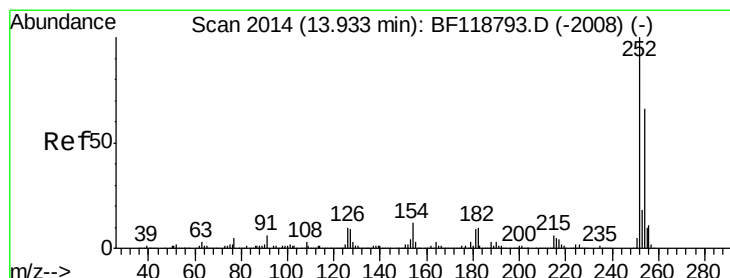
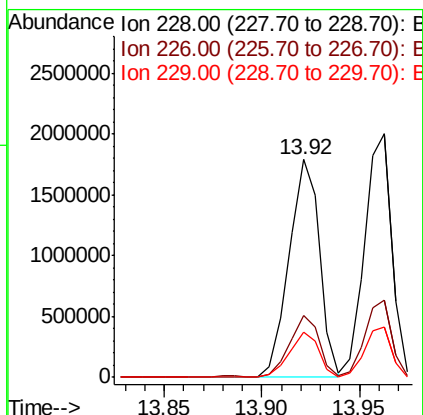
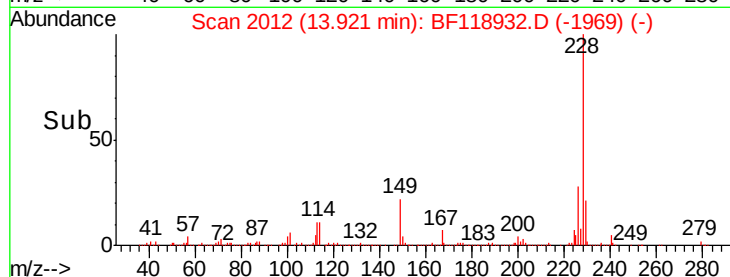
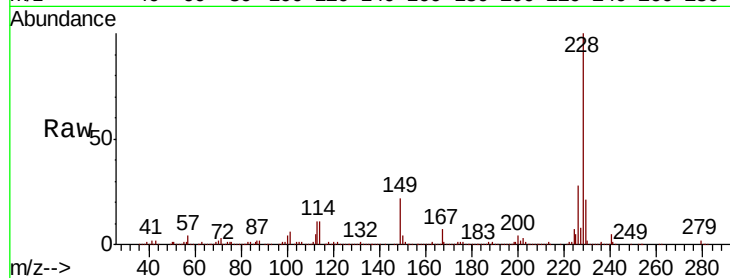
Tot Ion:228 Resp: 1930504

Ion Ratio Lower Upper

228 100

226 28.5 22.7 34.1

229 20.7 16.6 25.0



#82

3,3'-Dichlorobenzidine

Concen: 37.215 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.05 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

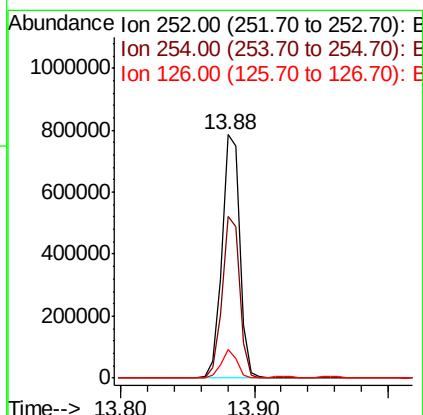
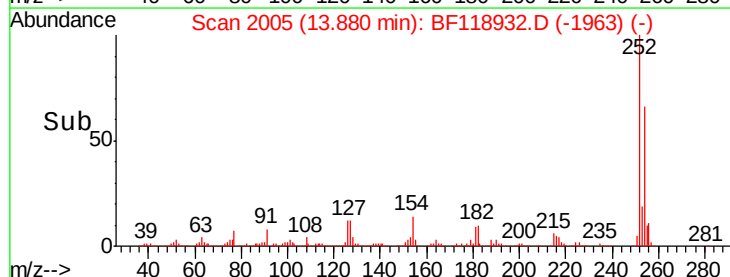
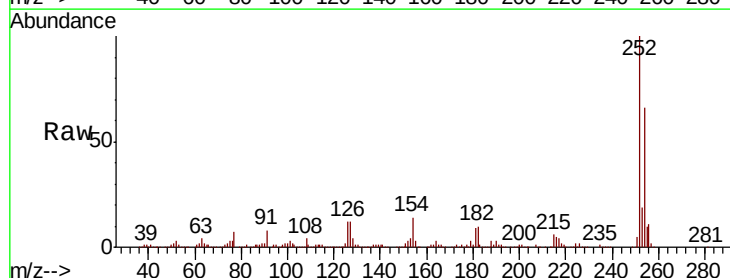
Tgt Ion:252 Resp: 748719

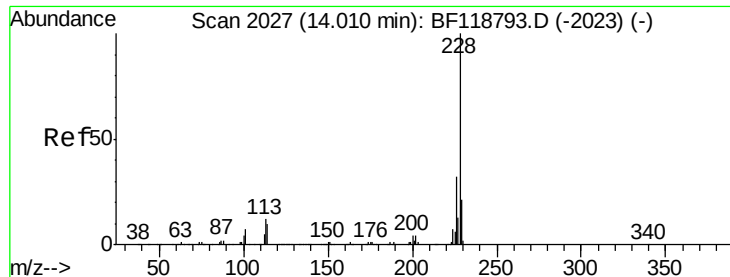
Ion Ratio Lower Upper

252 100

254 66.3 52.4 78.6

126 11.8 7.8 11.8#





#83

Chrysene

Concen: 39.090 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.05 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Instrument :

BNA_F

ClientSampled :

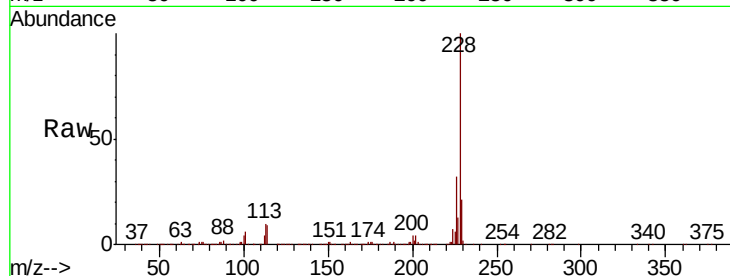
Tot Ion:228 Resp: 1929895

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

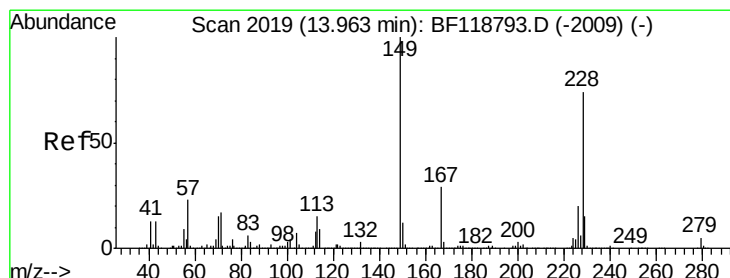
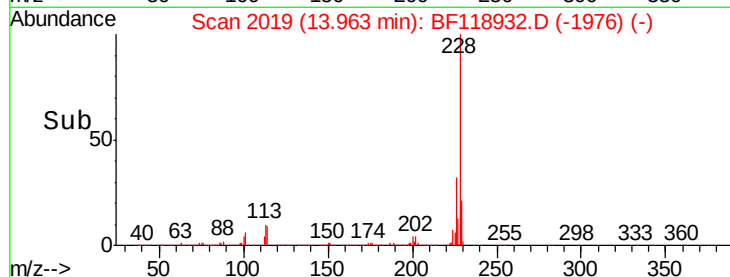
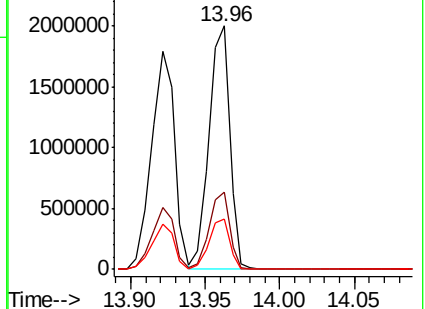
229 20.8 16.9 25.3



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: 35.450 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.05 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

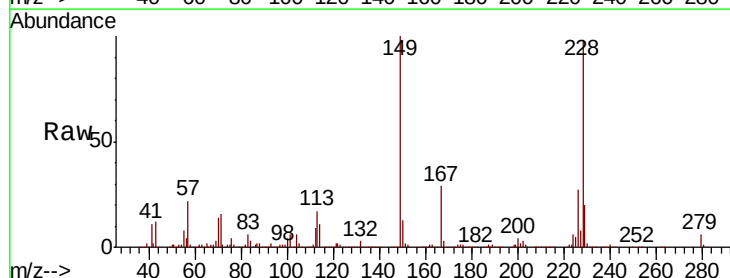
Tgt Ion:149 Resp: 1164155

Ion Ratio Lower Upper

149 100

167 29.4 23.0 34.6

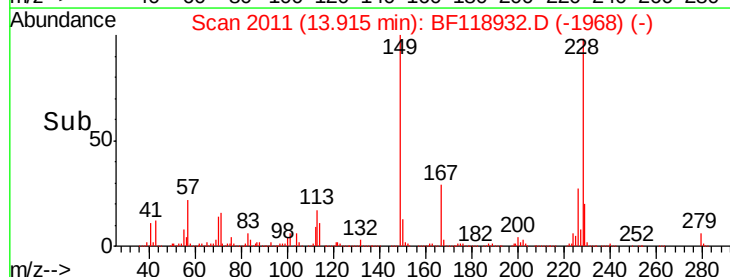
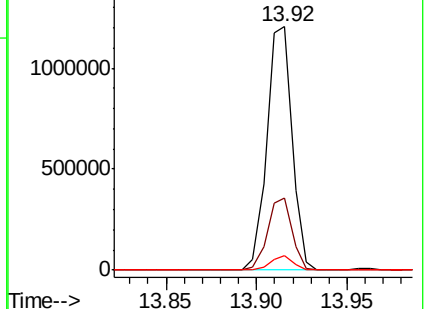
279 5.8 4.4 6.6

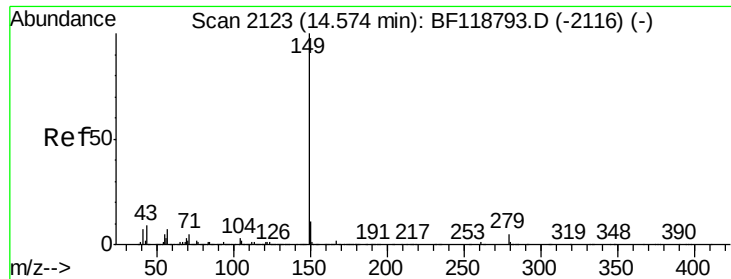


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

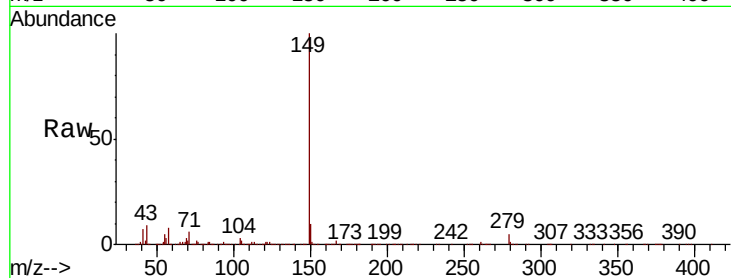




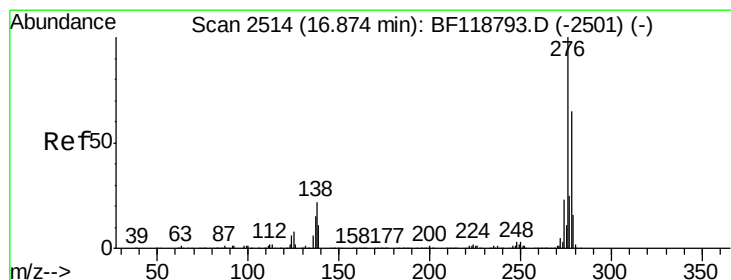
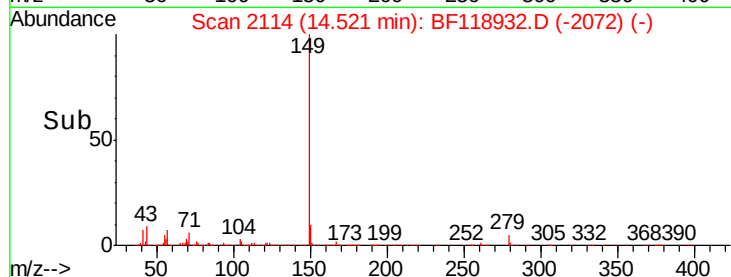
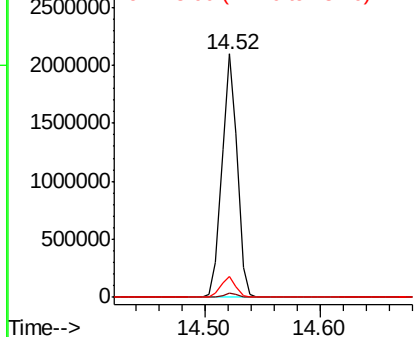
#85
Di-n-octyl phthalate
Concen: 34.061 ng
RT: 14.52 min Scan# 2114
Delta R.T. -0.05 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1916254
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.6 6.6 10.0

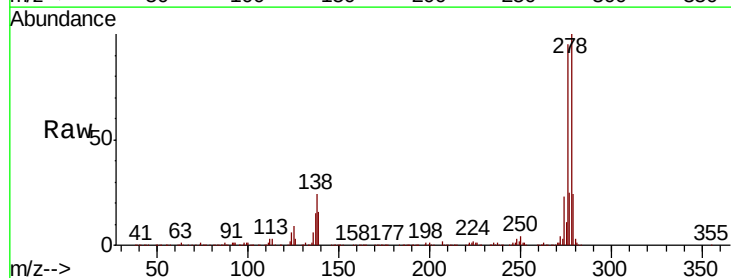


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

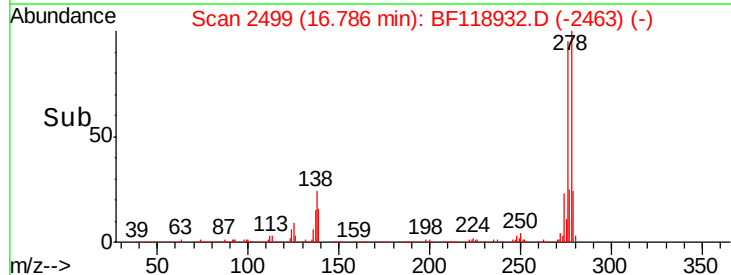
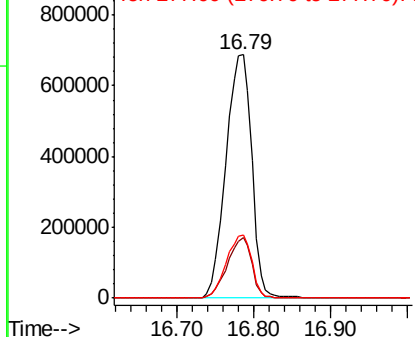


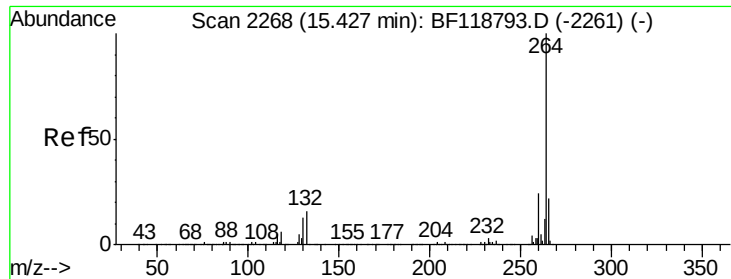
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.387 ng
RT: 16.79 min Scan# 2499
Delta R.T. -0.09 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:276 Resp: 1606523
Ion Ratio Lower Upper
276 100
138 23.5 18.3 27.5
277 25.5 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: BF118932.D

Acq: 14 Feb 2020 14:16

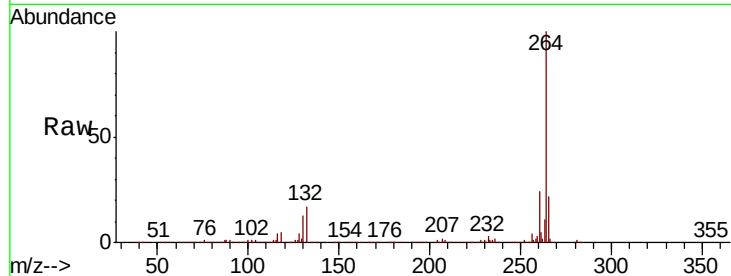
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 731877

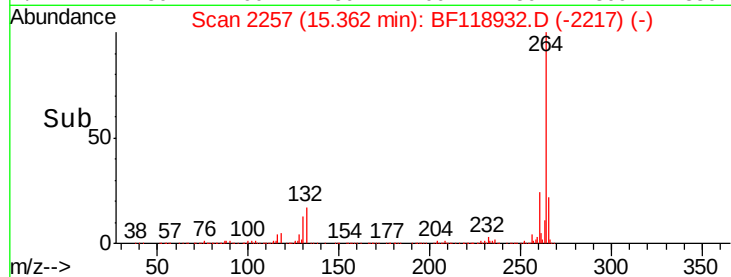
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.0	17.2	25.8



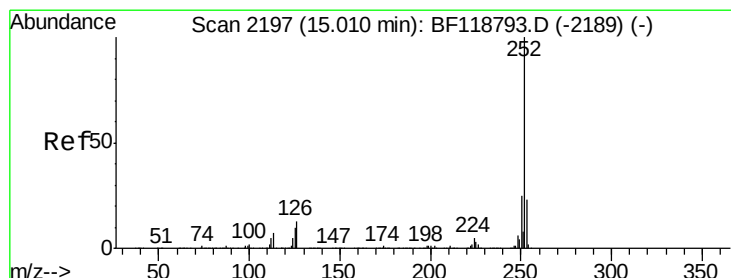
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 41.643 ng

RT: 14.95 min Scan# 2187

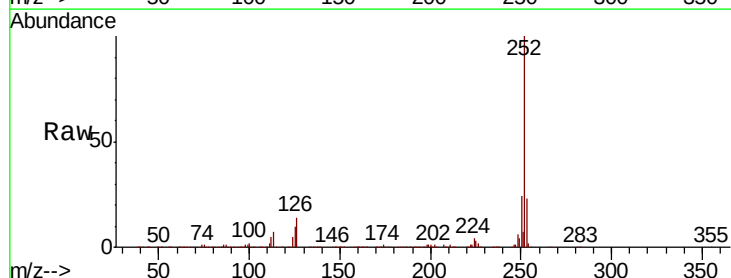
Delta R.T. -0.06 min

Lab File: BF118932.D

Acq: 14 Feb 2020 14:16

Tgt Ion:252 Resp: 1891171

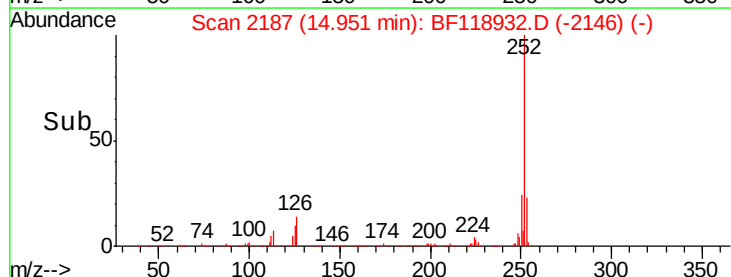
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	10.4	8.1	12.1



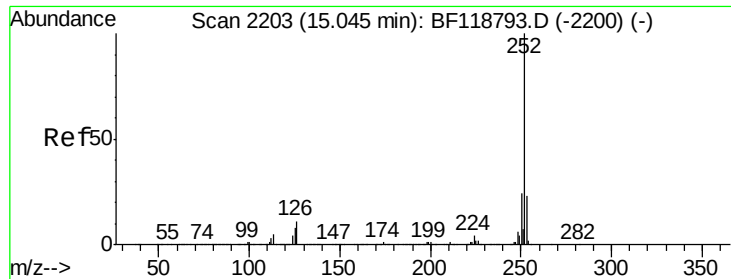
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



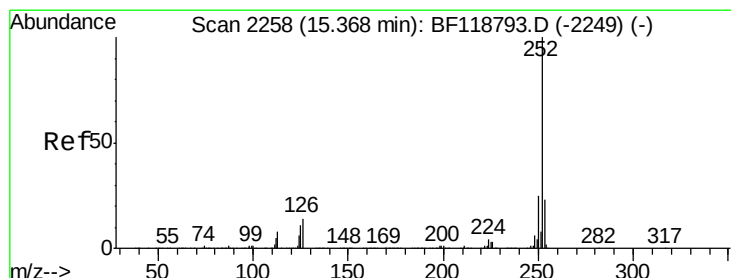
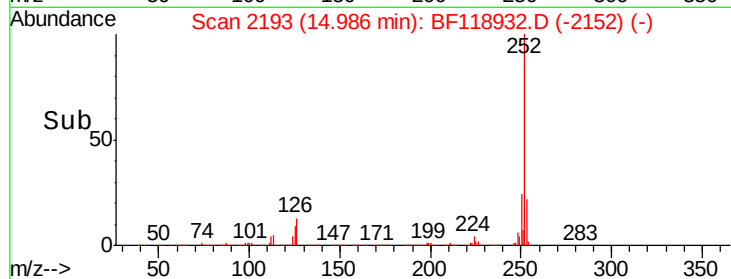
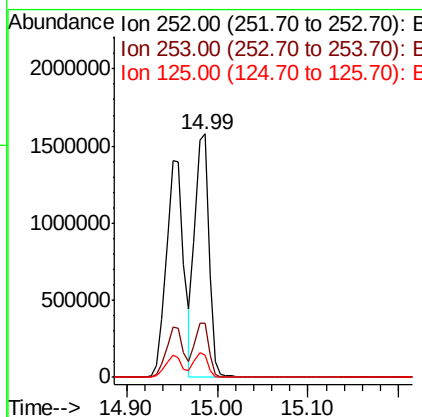
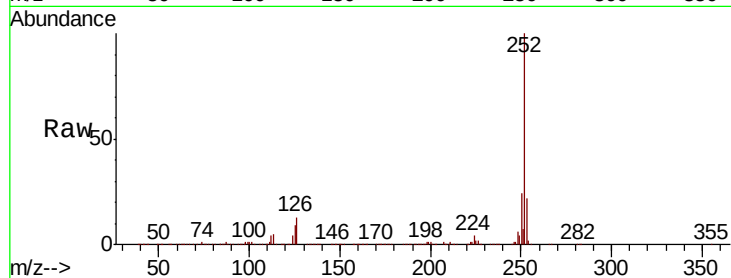
Time-->



#89
Benzo(k)fluoranthene
Concen: 43.063 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

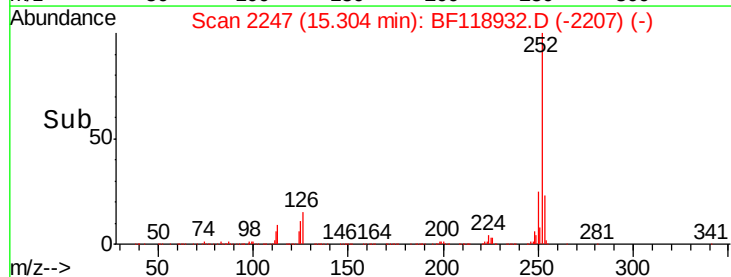
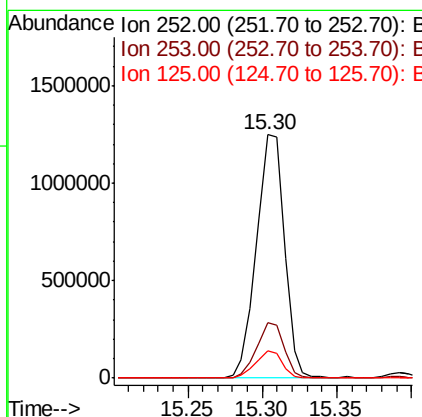
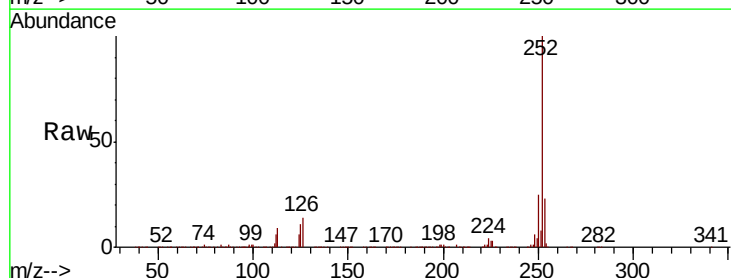
Instrument :
BNA_F
ClientSampleId :

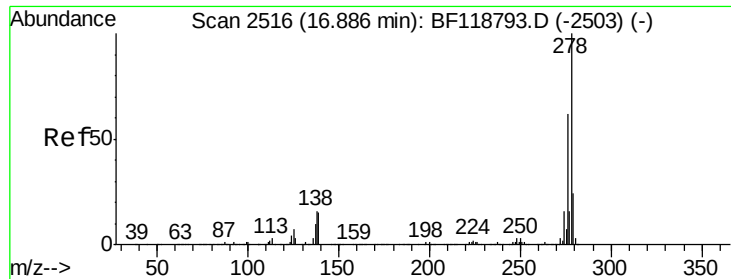
Tot Ion:252 Resp: 1703005
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 9.0 7.0 10.6



#90
Benzo(a)pyrene
Concen: 41.639 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.06 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:252 Resp: 1618356
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.0 8.7 13.1



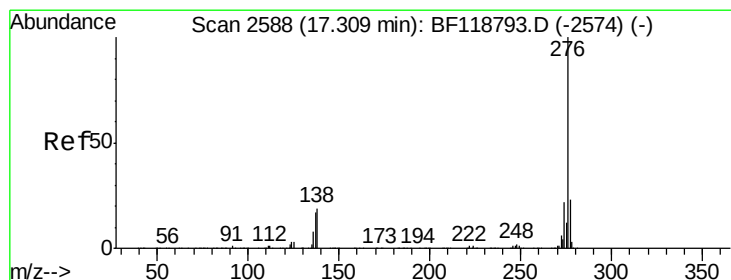
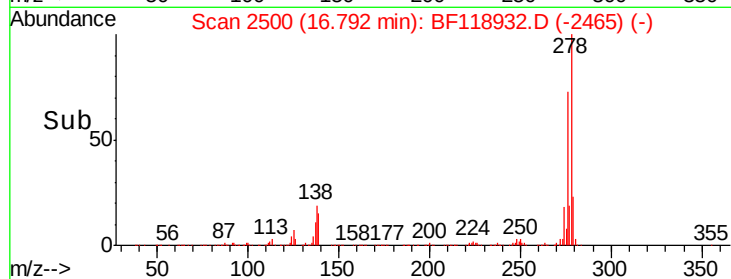
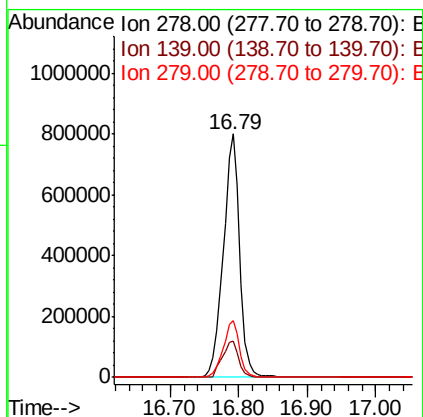
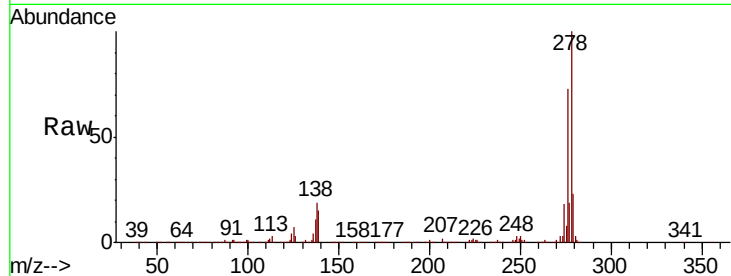


#91
Dibenzo(a,h)anthracene
Concen: 38.377 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.09 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1324115

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.3	18.5
279	23.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 38.929 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.11 min
Lab File: BF118932.D
Acq: 14 Feb 2020 14:16

Tgt Ion:276 Resp: 1291719

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	21.0	15.4	23.2

