

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
 Data File : BF118825.D
 Acq On : 5 Feb 2020 12:45
 Operator : CG/JU
 Sample : L1360-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:23:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	207498	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	794858	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	451239	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	919611	20.00	ng	0.00
76) Chrysene-d12	13.97	240	861910	20.00	ng	0.00
87) Perylene-d12	15.42	264	1030223	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1053982	96.15	ng	0.00
7) Phenol-d6	6.45	99	1319997	97.01	ng	0.00
23) Nitrobenzene-d5	7.37	82	839725	62.97	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	516038	95.58	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1777762	70.43	ng	-0.01
79) Terphenyl-d14	12.92	244	2644316	63.02	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	170581	34.146	ng	100
3) Pyridine	3.31	79	433243	31.232	ng	99
4) n-Nitrosodimethylamine	3.24	42	193064	38.227	ng	96
6) Aniline	6.47	93	344268	19.644	ng	94
8) 2-Chlorophenol	6.60	128	533220	43.673	ng	98
9) Benzaldehyde	6.36	77	247384	28.597	ng	100
10) Phenol	6.46	94	636171	42.046	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	480389	41.500	ng	99
12) 1,3-Dichlorobenzene	6.76	146	572809	39.414	ng	97
13) 1,4-Dichlorobenzene	6.83	146	588148	40.572	ng	99
14) 1,2-Dichlorobenzene	6.99	146	548074	39.578	ng	99
15) Benzyl Alcohol	6.95	79	448947	42.684	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	548088	38.664	ng	97
17) 2-Methylphenol	7.07	107	422894	41.661	ng	99
18) Hexachloroethane	7.33	117	201727	38.772	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	335942	40.350	ng	97
20) 3+4-Methylphenols	7.22	107	518266	40.733	ng	# 90
22) Acetophenone	7.22	105	676116	39.151	ng	# 98
24) Nitrobenzene	7.39	77	533066	40.014	ng	97
25) Isophorone	7.63	82	956745	39.920	ng	99
26) 2-Nitrophenol	7.71	139	295107	41.572	ng	99
27) 2,4-Dimethylphenol	7.75	122	429772	44.568	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	585764	37.692	ng	99
29) 2,4-Dichlorophenol	7.95	162	469382	40.645	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	516817	38.288	ng	99
31) Naphthalene	8.12	128	1502861	41.340	ng	99
32) Benzoic acid	7.87	122	315321	39.494	ng	97
33) 4-Chloroaniline	8.16	127	192396	11.829	ng	97
34) Hexachlorobutadiene	8.24	225	301630	36.474	ng	99
35) Caprolactam	8.53	113	121006	32.323	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	482225	41.493	ng	98
37) 2-Methylnaphthalene	8.81	142	1058907	41.999	ng	99
38) 1-Methylnaphthalene	8.91	142	985339	41.544	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	514683	37.792	ng	99

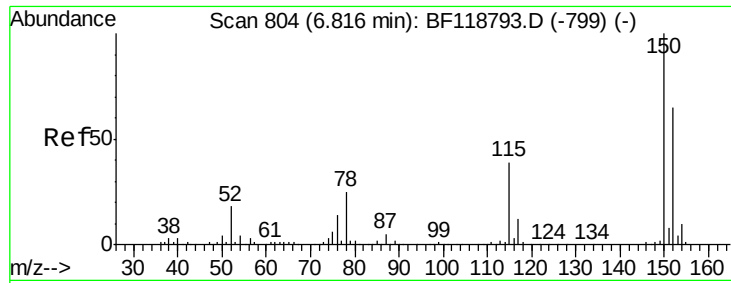
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
 Data File : BF118825.D
 Acq On : 5 Feb 2020 12:45
 Operator : CG/JU
 Sample : L1360-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:23:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	484685	90.763	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	364497	40.024	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	382976	41.157	nq	98
46) 1,1'-Biphenyl	9.27	154	1278472	40.958	nq	98
47) 2-Chloronaphthalene	9.30	162	1018157	39.236	nq	98
48) 2-Nitroaniline	9.39	65	290197	38.774	nq	93
49) Acenaphthylene	9.71	152	1586111	42.333	nq	99
50) Dimethylphthalate	9.57	163	1298098	42.249	nq	99
51) 2,6-Dinitrotoluene	9.63	165	287534	40.900	nq	91
52) Acenaphthene	9.89	154	1089194	44.116	nq	99
53) 3-Nitroaniline	9.79	138	134986	17.313	nq	94
54) 2,4-Dinitrophenol	9.91	184	287336	85.019	nq	# 89
55) Dibenzofuran	10.06	168	1452033	40.695	nq	98
56) 4-Nitrophenol	9.96	139	506099	89.689	nq	99
57) 2,4-Dinitrotoluene	10.03	165	402686	43.283	nq	# 88
58) Fluorene	10.40	166	1103766	41.119	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	338986	41.714	nq	99
60) Diethylphthalate	10.27	149	1204294	40.309	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	577703	39.684	nq	94
62) 4-Nitroaniline	10.41	138	280876	35.974	nq	99
63) Azobenzene	10.55	77	1056567	41.423	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	223116	43.177	nq	94
66) n-Nitrosodiphenylamine	10.50	169	1032650	38.767	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	394878	36.299	nq	95
68) Hexachlorobenzene	10.95	284	454599	36.433	nq	96
69) Atrazine	11.03	200	395527	44.569	nq	99
70) Pentachlorophenol	11.15	266	503229	76.381	nq	98
71) Phenanthrene	11.36	178	1772346	39.171	nq	99
72) Anthracene	11.41	178	1832257	40.706	nq	98
73) Carbazole	11.56	167	1664382	42.133	nq	99
74) Di-n-butylphthalate	11.90	149	1968169	39.112	nq	99
75) Fluoranthene	12.55	202	2076131	42.026	nq	99
77) Benzidine	12.66	184	904172	34.684	nq	99
78) Pyrene	12.77	202	2135481	36.115	nq	99
80) Butylbenzylphthalate	13.39	149	956306	35.434	nq	97
81) Benzo(a)anthracene	13.96	228	2026836	39.518	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	527311	25.138	nq	99
83) Chrysene	14.00	228	2007851	39.005	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1274499	37.222	nq	100
85) Di-n-octyl phthalate	14.56	149	2325003	39.636	nq	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	2485710	48.061	nq	100
88) Benzo(b)fluoranthene	15.00	252	2418931	37.839	nq	99
89) Benzo(k)fluoranthene	15.03	252	2031705	36.497	nq	100
90) Benzo(a)pyrene	15.36	252	2048183	37.437	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	2061626	42.449	nq	99
92) Benzo(g,h,i)perylene	17.29	276	2006381	42.956	nq	100

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

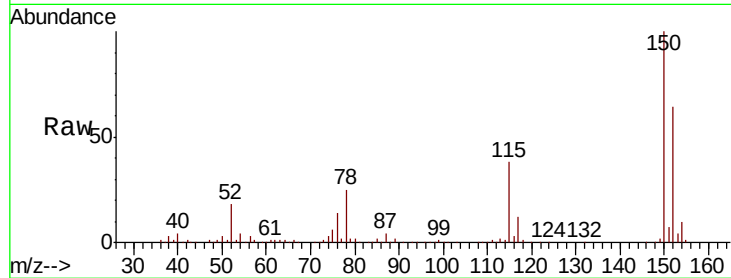


#1

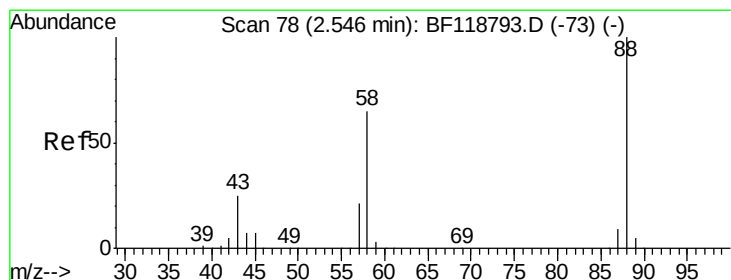
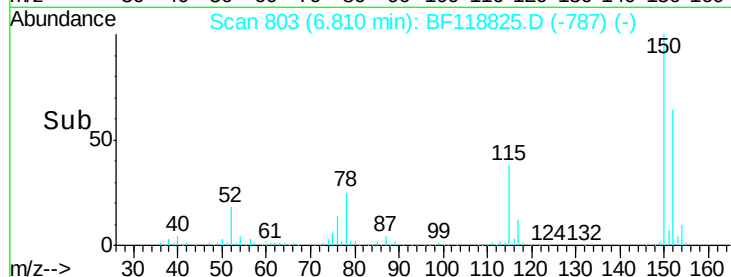
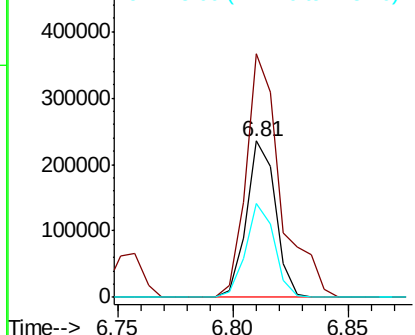
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 207498
Ion Ratio Lower Upper
152 100
150 156.0 123.6 185.4
115 60.0 48.2 72.2



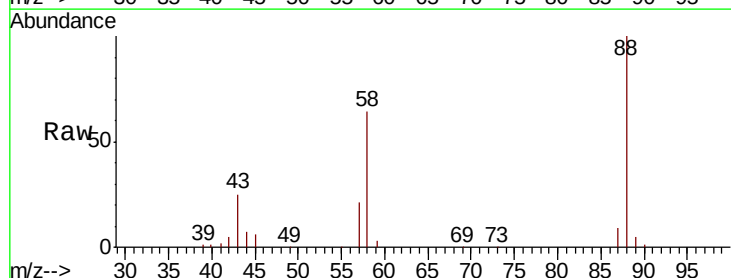
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



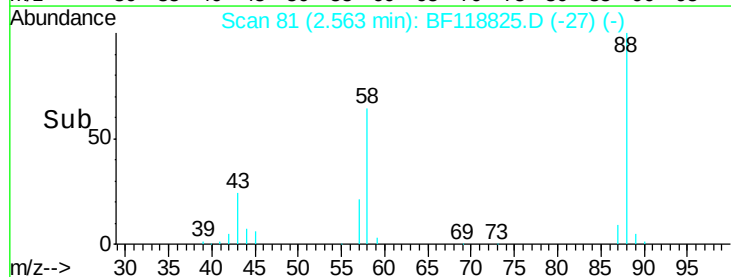
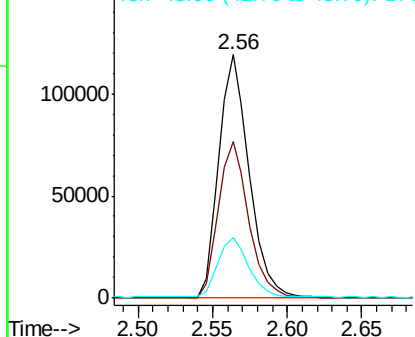
#2

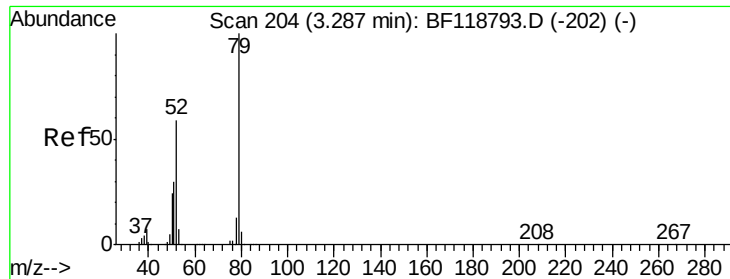
1,4-Dioxane
Concen: 34.146 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.02 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion: 88 Resp: 170581
Ion Ratio Lower Upper
88 100
58 64.4 51.6 77.4
43 24.3 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: 31.232 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.02 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampled :

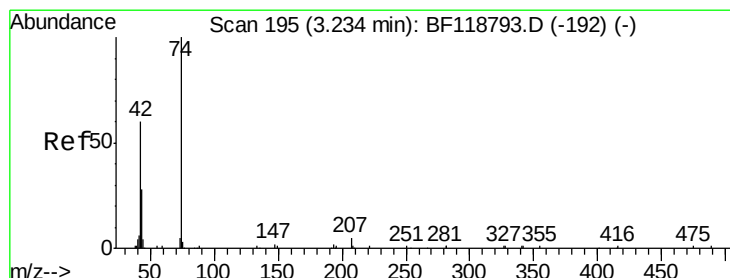
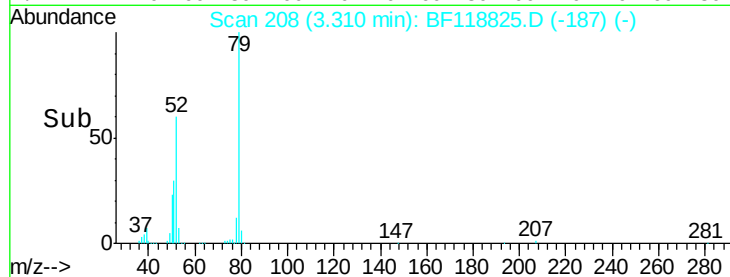
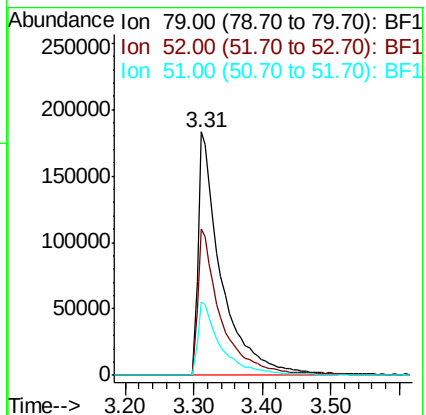
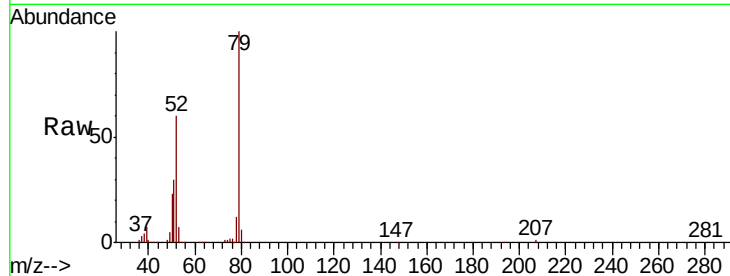
Tot Ion: 79 Resp: 433243

Ion Ratio Lower Upper

79 100

52 60.3 47.4 71.0

51 30.1 24.2 36.4



#4

n-Nitrosodimethylamine

Concen: 38.227 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

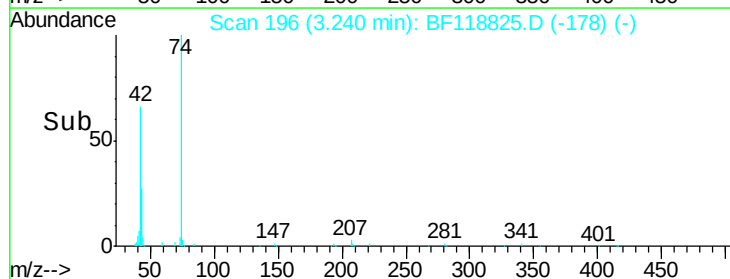
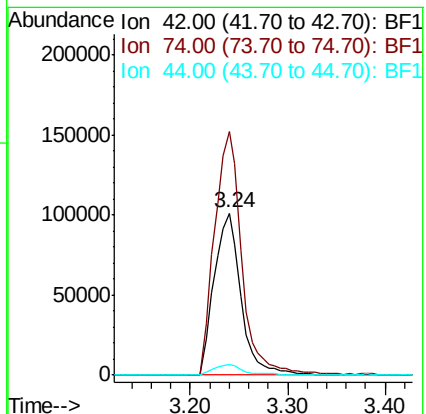
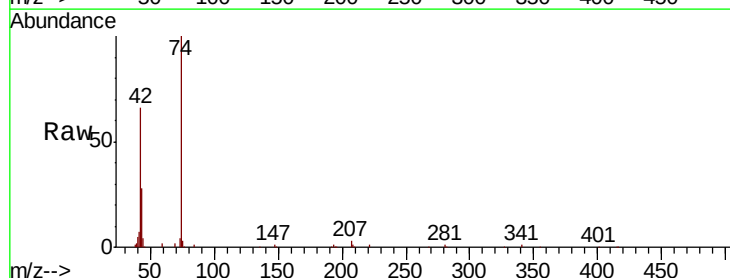
Tgt Ion: 42 Resp: 193064

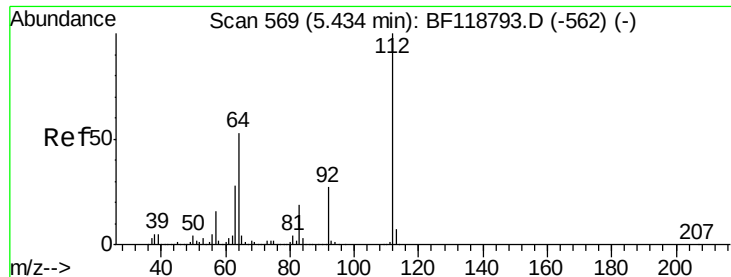
Ion Ratio Lower Upper

42 100

74 150.4 124.3 186.5

44 6.5 5.3 7.9





#5

2-Fluorophenol

Concen: 96.151 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

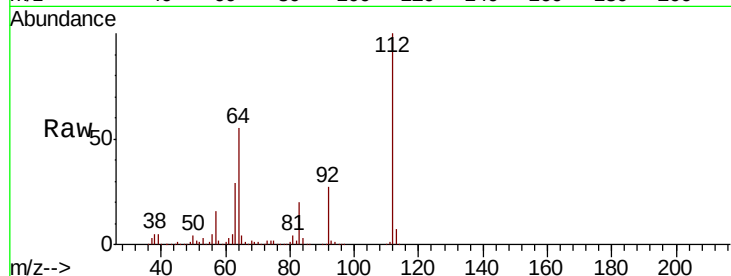
Tot Ion:112 Resp: 1053982

Ion Ratio Lower Upper

112 100

64 54.8 42.6 63.8

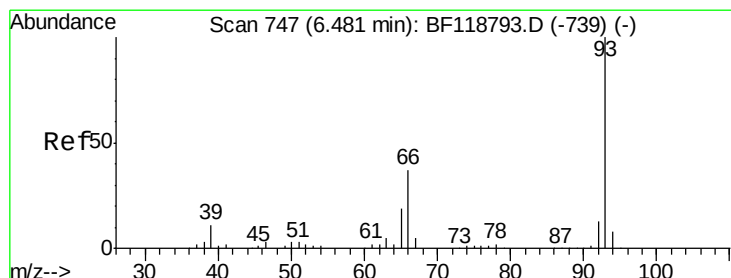
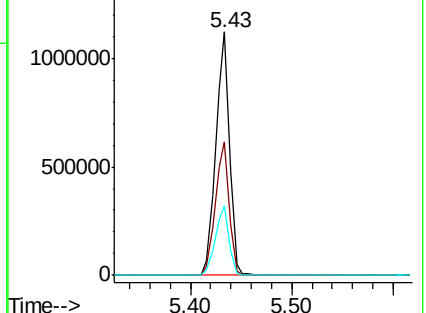
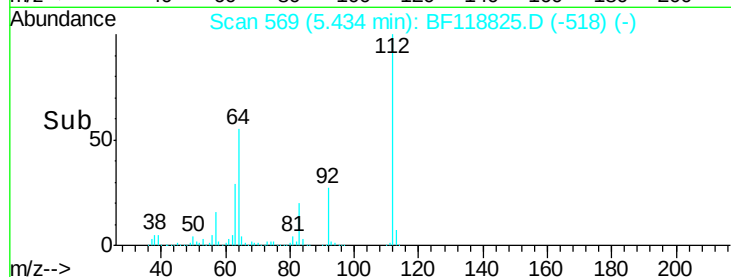
63 28.8 22.2 33.4



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: 19.644 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

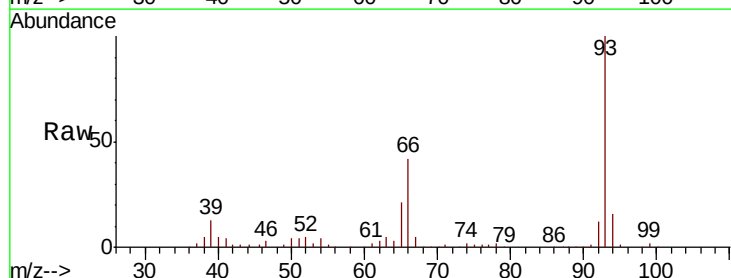
Tgt Ion: 93 Resp: 344268

Ion Ratio Lower Upper

93 100

66 42.2 30.8 46.2

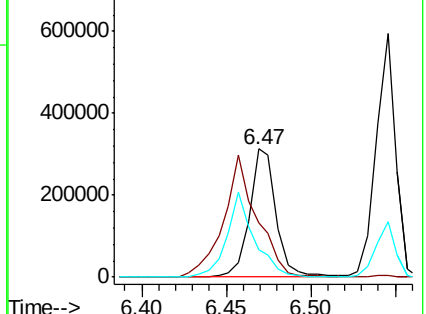
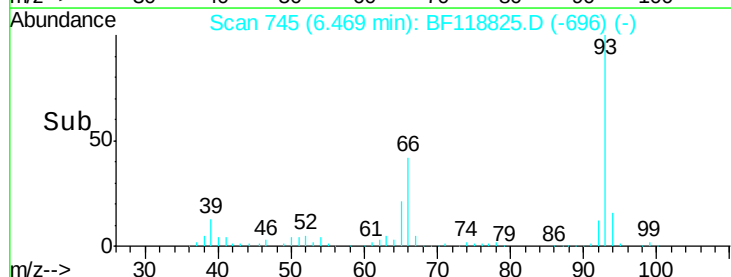
65 21.5 15.4 23.0

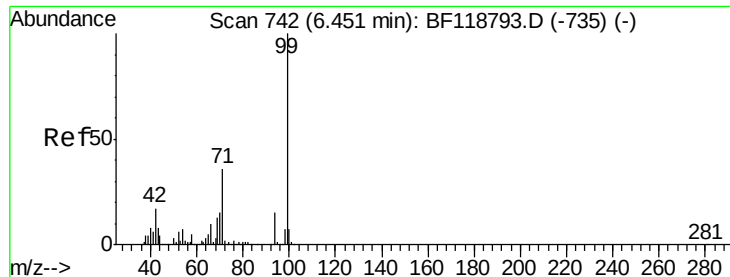


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.006 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

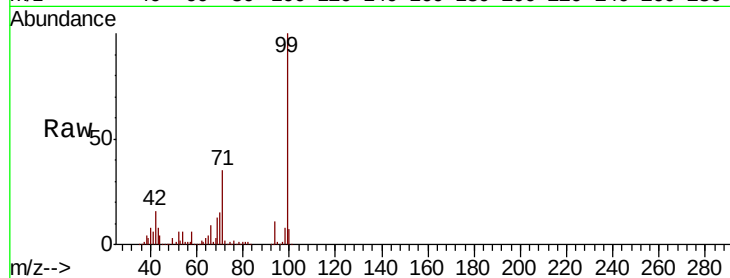
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1319997

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.0
71	35.5	29.0	43.6

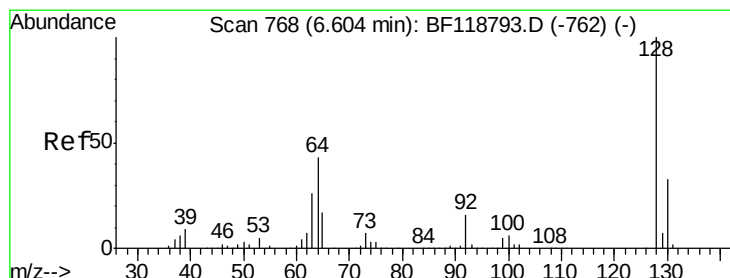
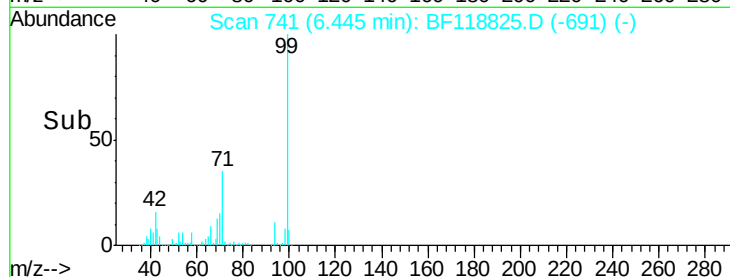
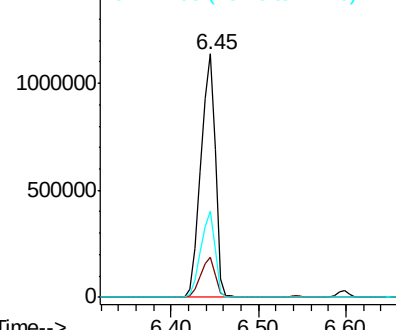


Abundance

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: 43.673 ng

RT: 6.60 min Scan# 767

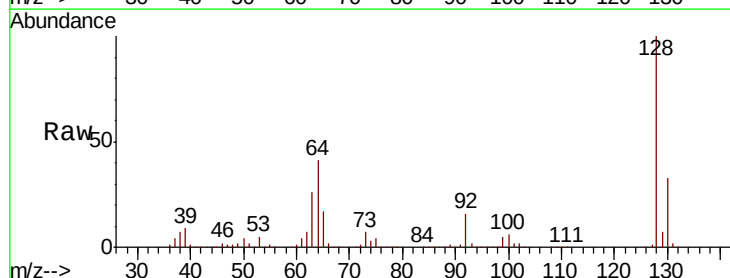
Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Tgt Ion: 128 Resp: 533220

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.1	53.1
64	41.4	23.0	63.0

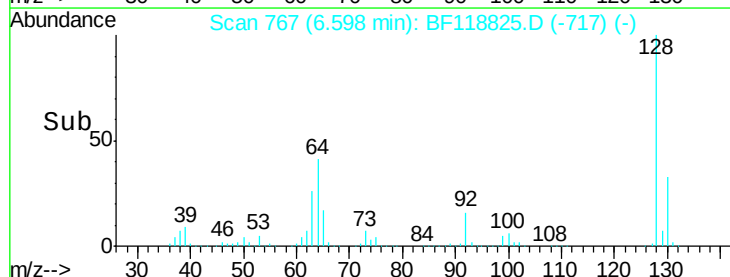
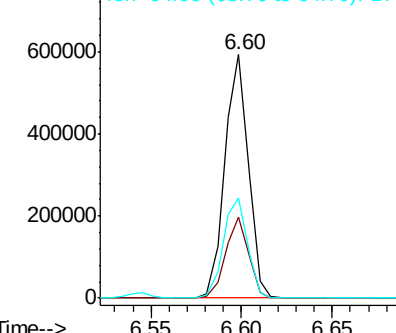


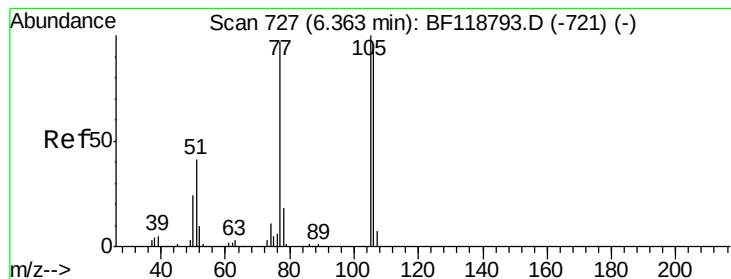
Abundance

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: 28.597 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

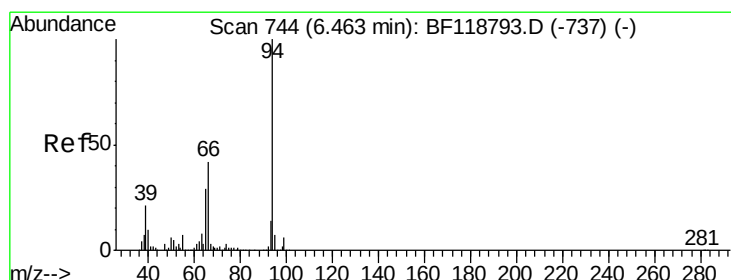
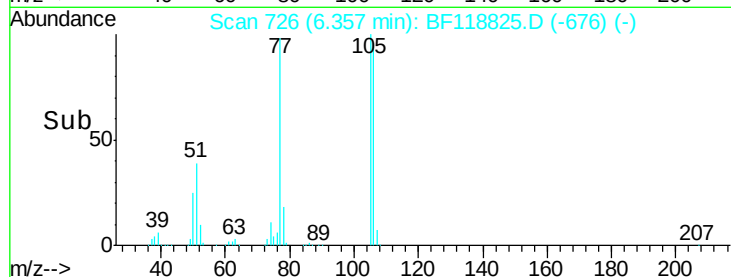
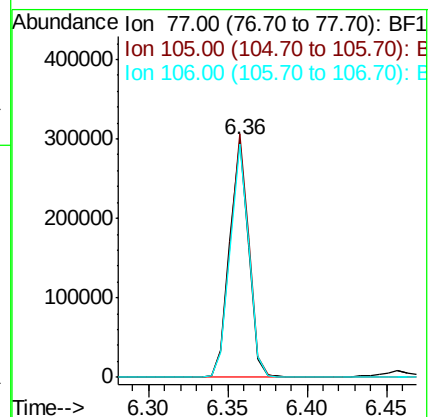
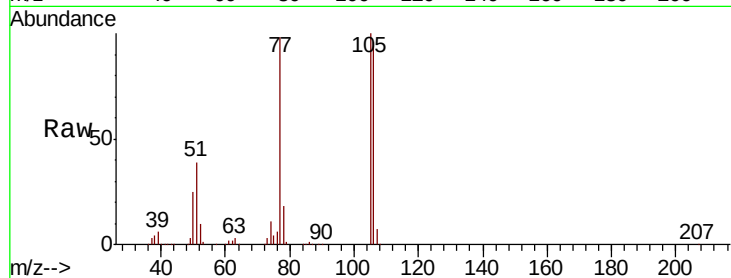
Tot Ion: 77 Resp: 247384

Ion Ratio Lower Upper

77 100

105 102.5 82.8 122.8

106 98.1 78.1 118.1



#10

Phenol

Concen: 42.046 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

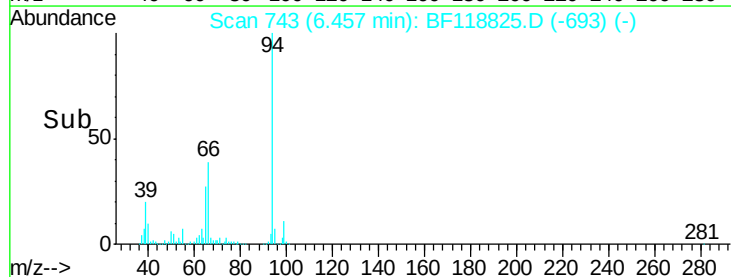
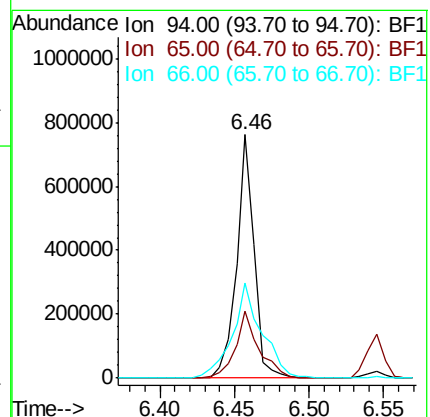
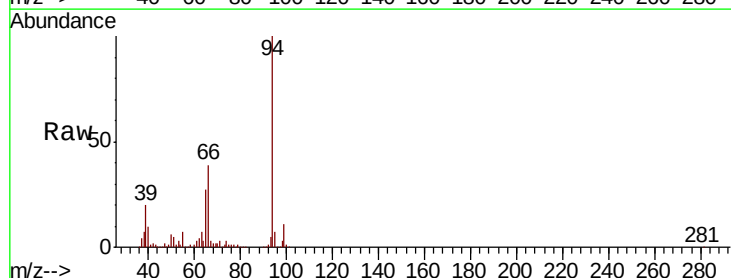
Tgt Ion: 94 Resp: 636171

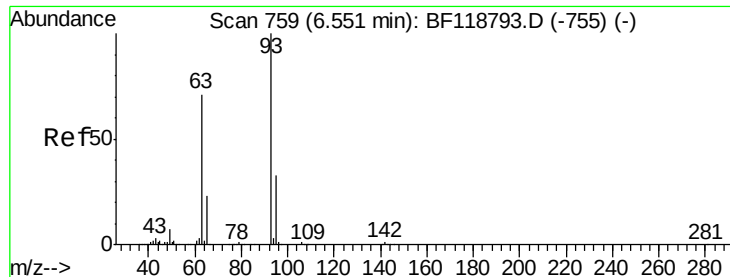
Ion Ratio Lower Upper

94 100

65 27.3 9.1 49.1

66 39.0 21.7 61.7





#11

bis(2-Chloroethyl)ether

Concen: 41.500 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

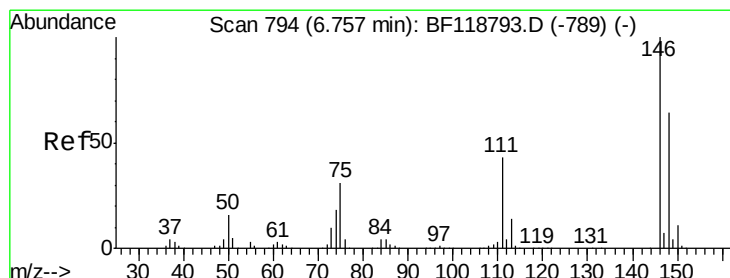
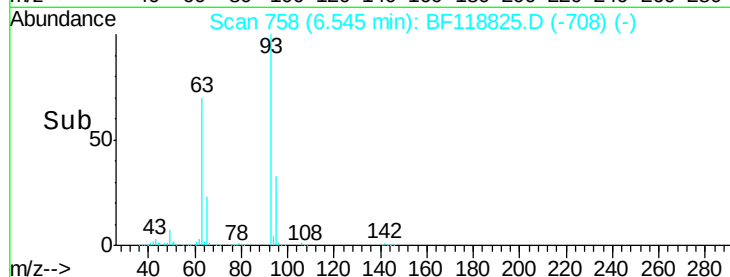
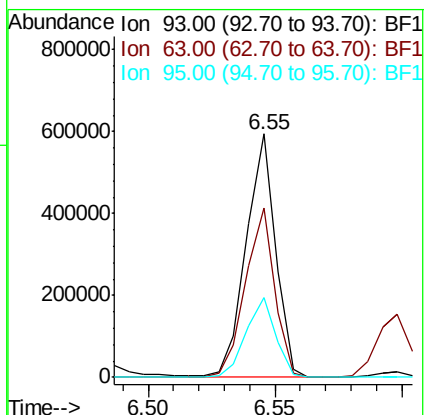
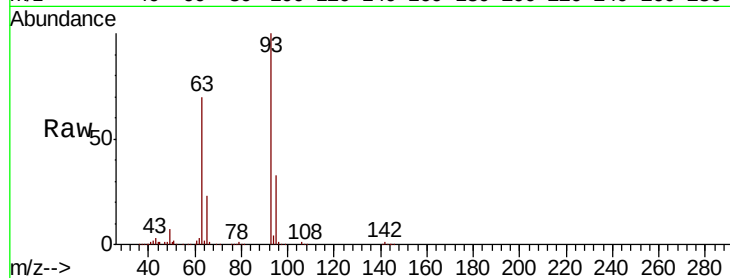
Tot Ion: 93 Resp: 480389

Ion Ratio Lower Upper

93 100

63 69.7 50.7 90.7

95 32.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 39.414 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

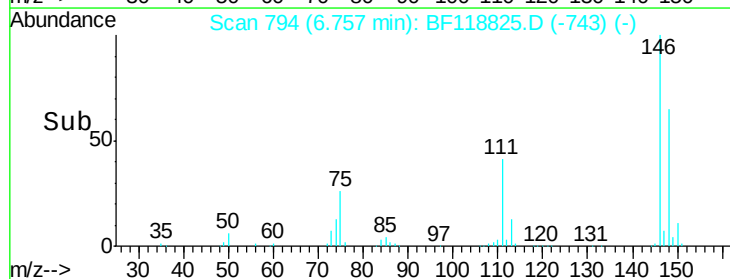
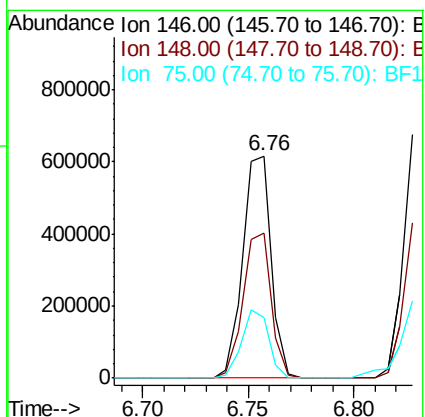
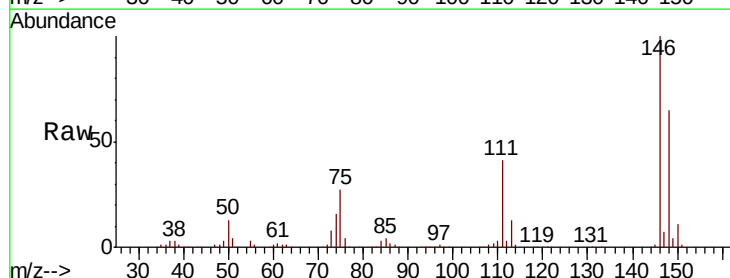
Tgt Ion: 146 Resp: 572809

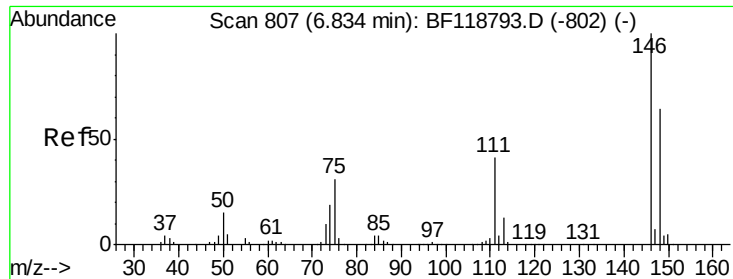
Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

75 27.4 25.0 37.4

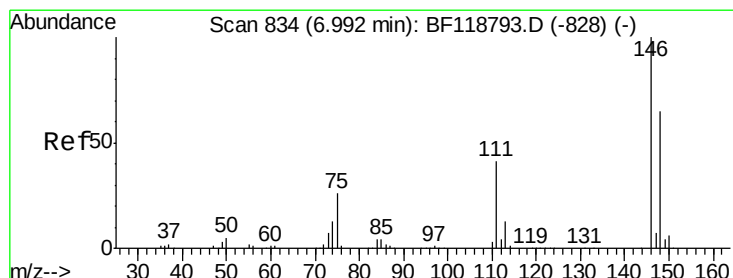
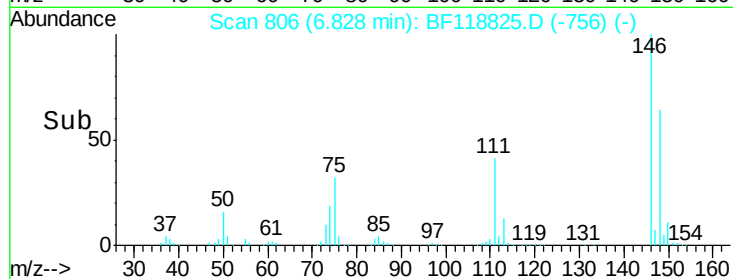
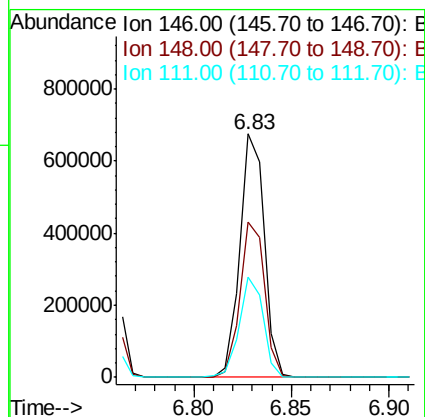
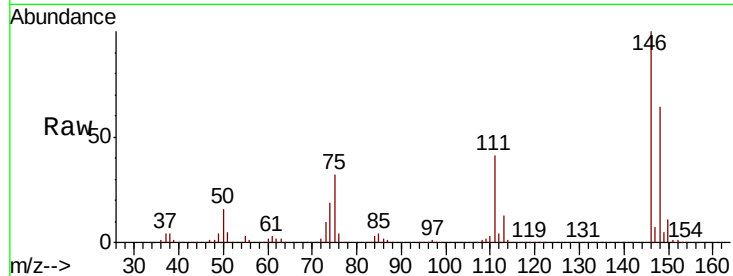




#13
 1,4-Dichlorobenzene
 Concen: 40.572 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

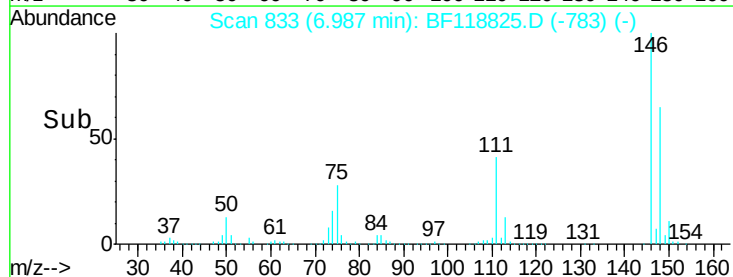
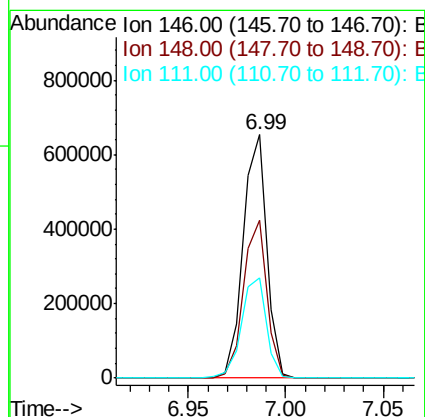
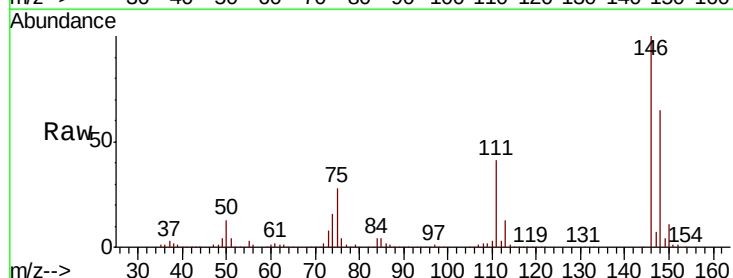
Instrument :
 BNA_F
 ClientSampleId :

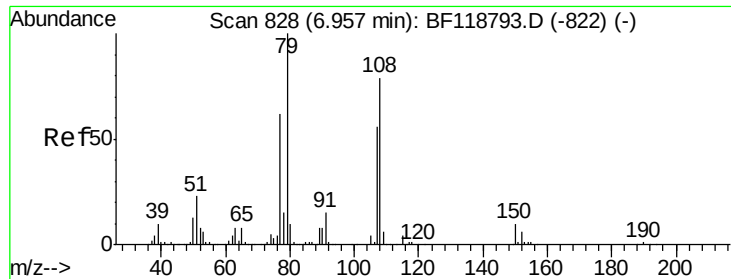
Tot Ion:146 Resp: 588148
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.6 77.4
 111 41.3 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 39.578 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion:146 Resp: 548074
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 41.4 32.7 49.1





#15

Benzyl Alcohol

Concen: 42.684 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

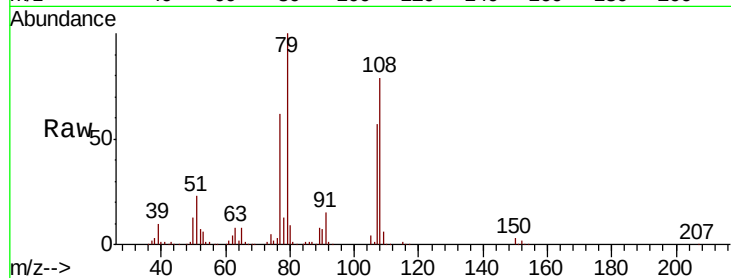
Tot Ion: 79 Resp: 448947

Ion Ratio Lower Upper

79 100

108 78.6 62.9 94.3

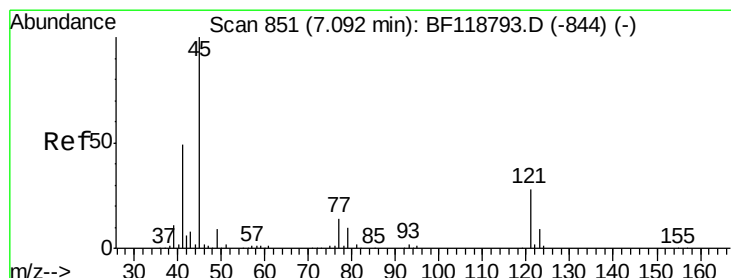
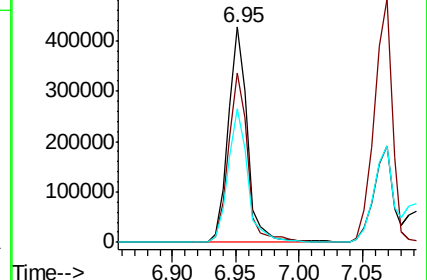
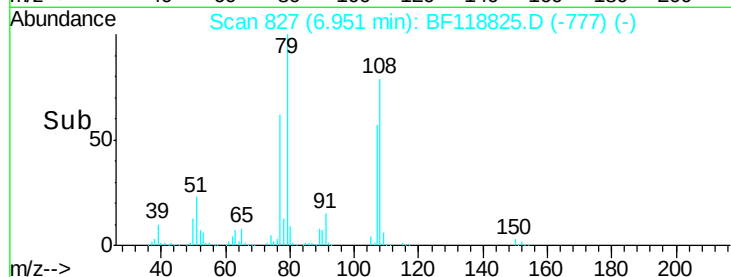
77 62.1 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.664 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

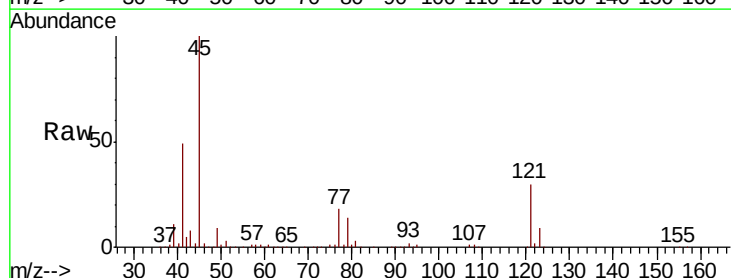
Tgt Ion: 45 Resp: 548088

Ion Ratio Lower Upper

45 100

77 18.0 0.0 37.1

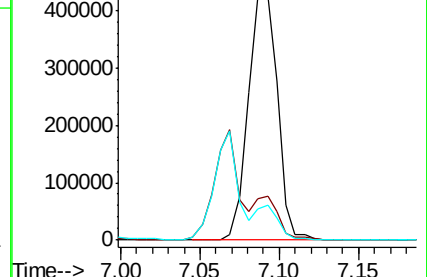
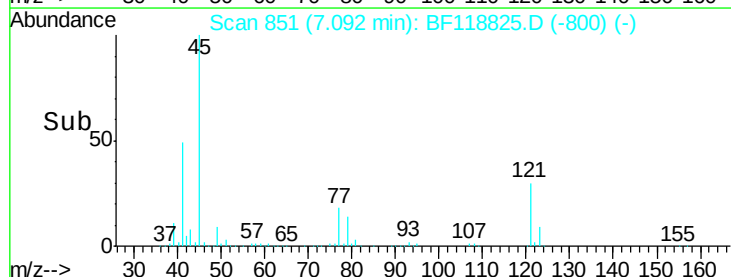
79 14.4 0.0 33.1

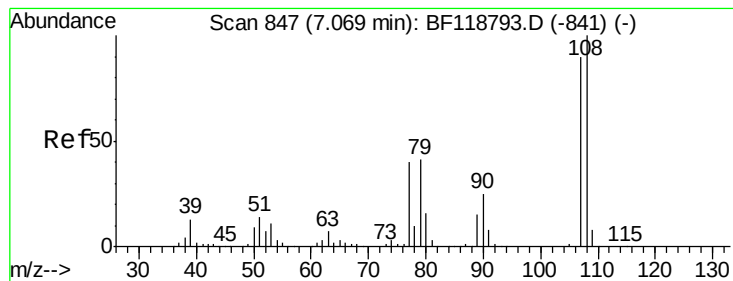


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

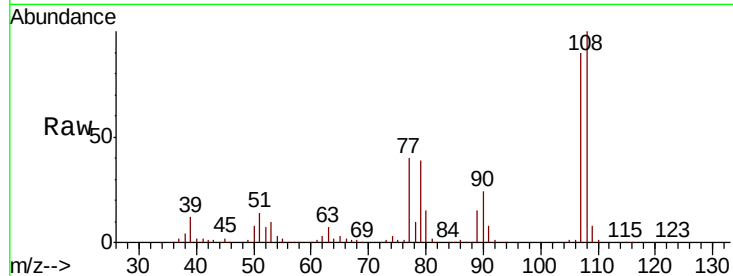




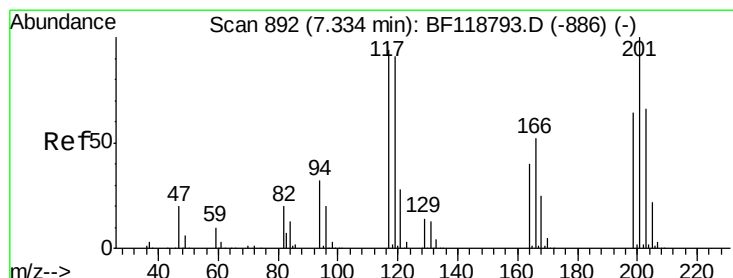
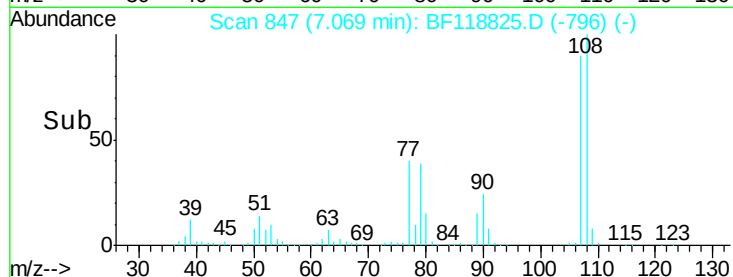
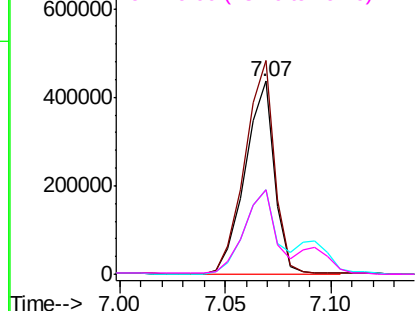
#17
2-Methylphenol
Concen: 41.661 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 422894
Ion Ratio Lower Upper
107 100
108 110.7 89.3 133.9
77 44.0 36.2 54.2
79 43.7 36.3 54.5

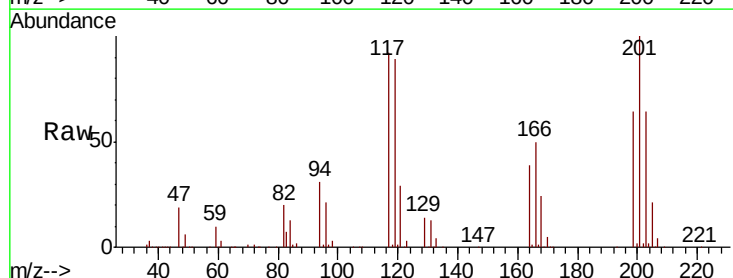


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

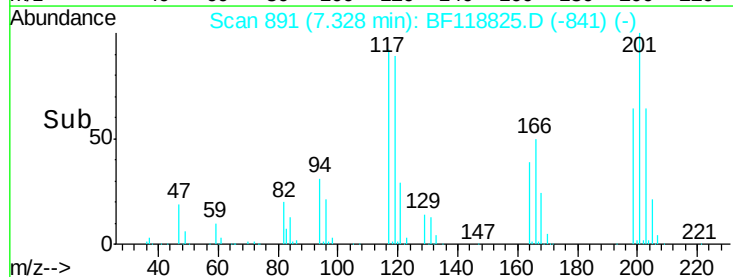
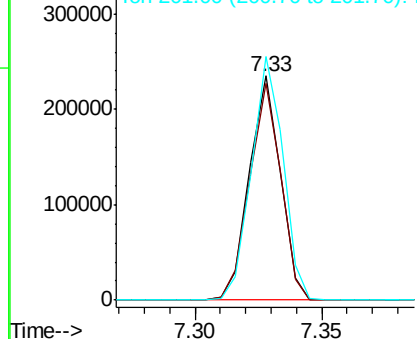


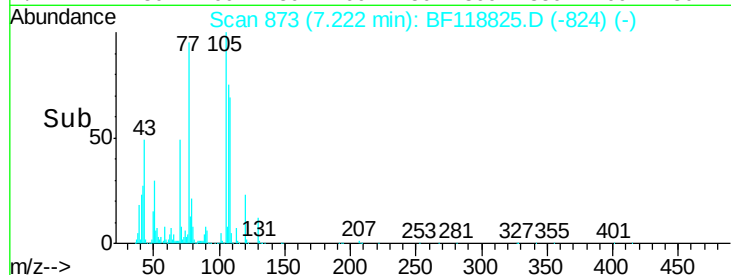
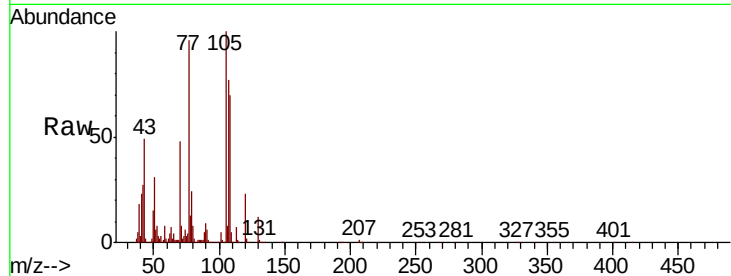
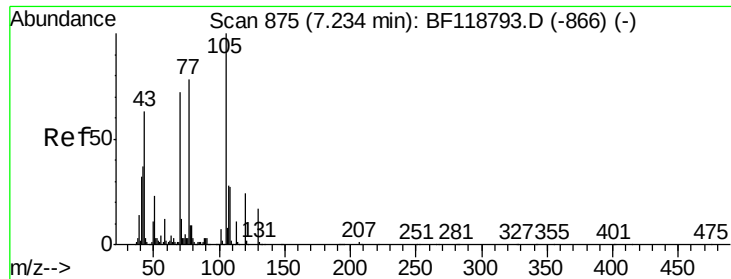
#18
Hexachloroethane
Concen: 38.772 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:117 Resp: 201727
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 108.8 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

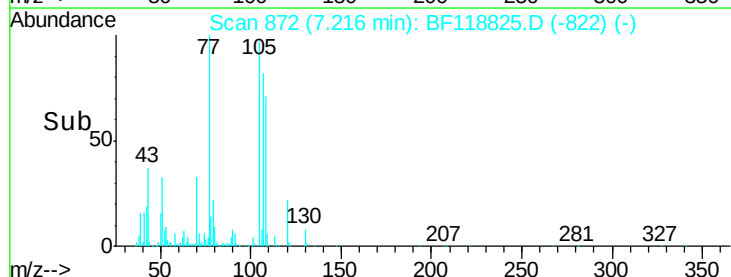
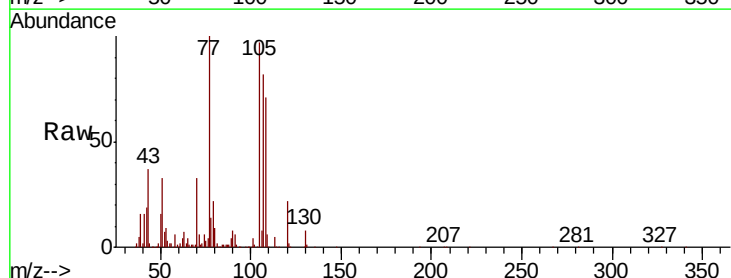
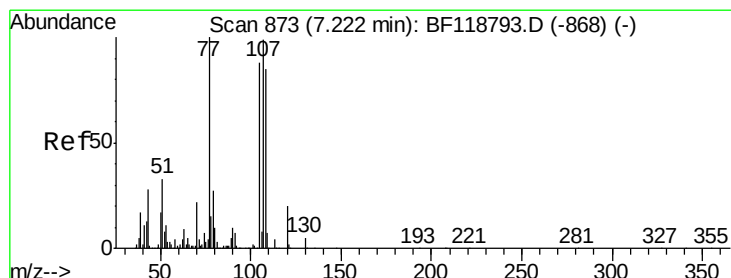
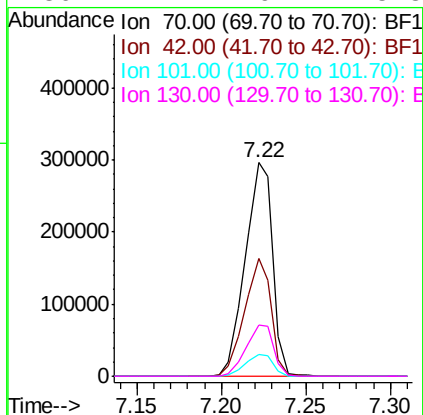




#19
n-Nitroso-di-n-propylamine
Concen: 40.350 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

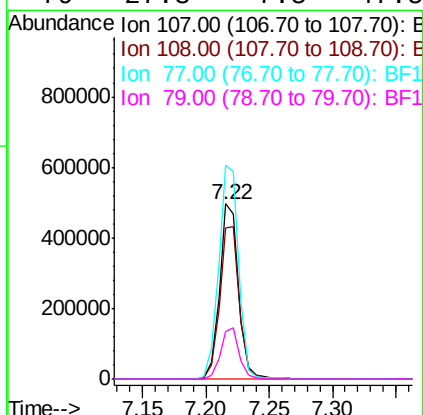
Instrument :
BNA_F
ClientSampleId :

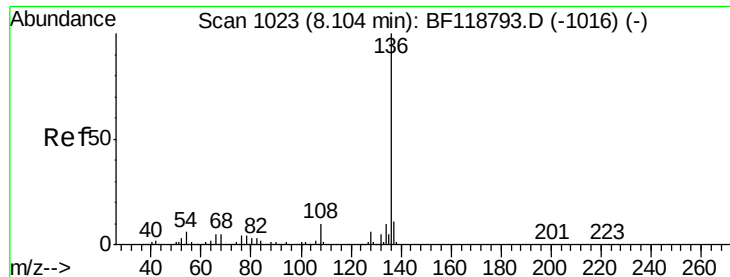
Tot Ion:	70	Resp:	335942
Ion	Ratio	Lower	Upper
70	100		
42	55.4	41.5	62.3
101	10.5	8.3	12.5
130	24.1	19.2	28.8



#20
3+4-Methylphenols
Concen: 40.733 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:	107	Resp:	518266
Ion	Ratio	Lower	Upper
107	100		
108	86.3	65.9	105.9
77	121.9	80.9	120.9#
79	27.3	7.5	47.5

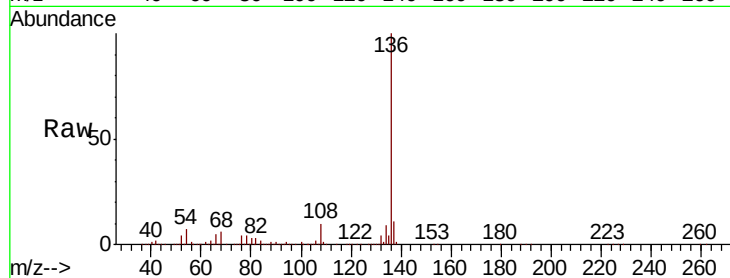




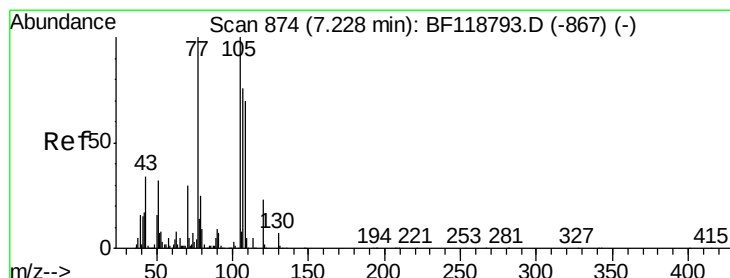
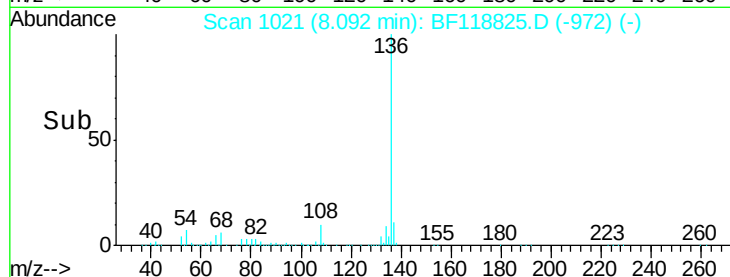
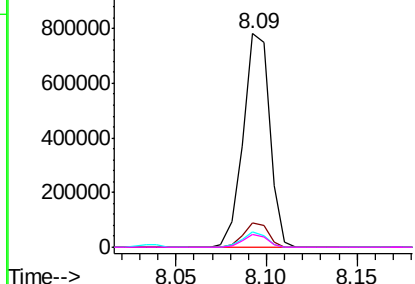
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	794858
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	7.0	5.0 7.6
68	5.8	4.2 6.4

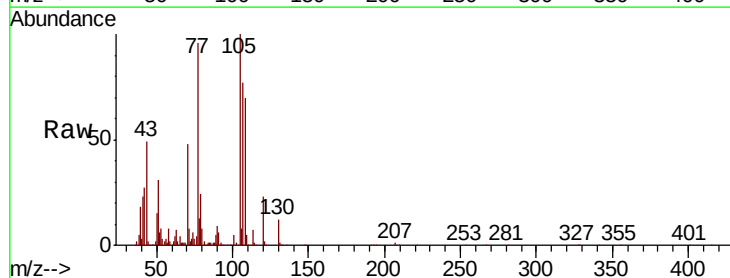


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

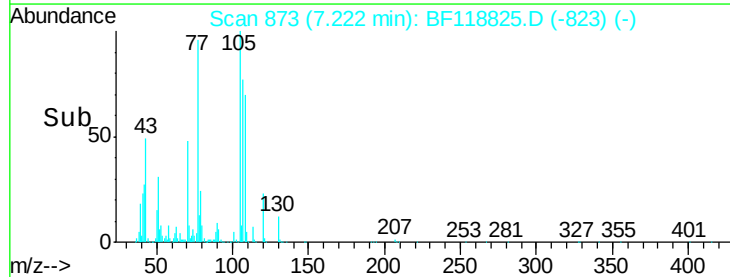
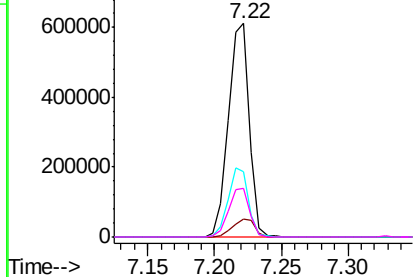


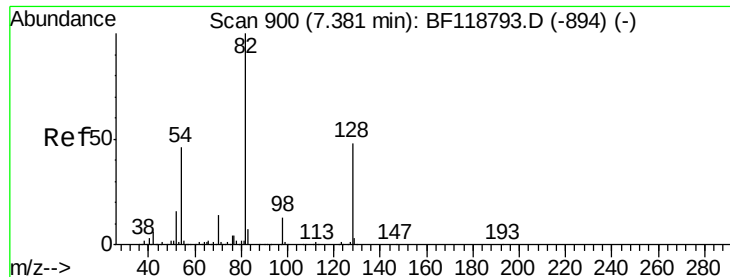
#22
Acetophenone
Concen: 39.151 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:105	Resp:	676116
Ion Ratio	Lower	Upper
105	100	
71	8.2	4.2 6.4#
51	30.7	25.5 38.3
120	22.6	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
800000
Ion 71.00 (70.70 to 71.70): BF1
600000
Ion 51.00 (50.70 to 51.70): BF1
400000
Ion 120.00 (119.70 to 120.70): E
200000
0

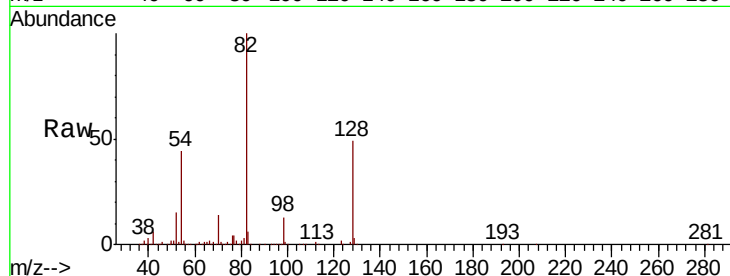




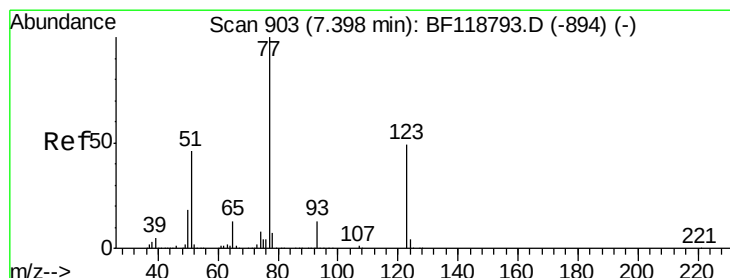
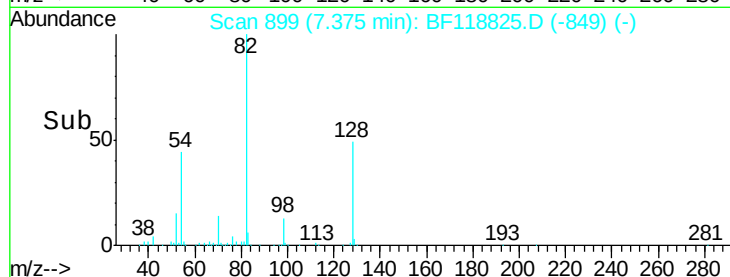
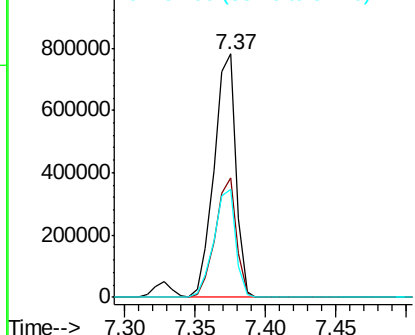
#23
Nitrobenzene-d5
Concen: 62.969 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	839725
Ion Ratio	100	Lower	Upper
128	49.1	38.5	57.7
54	44.2	36.7	55.1

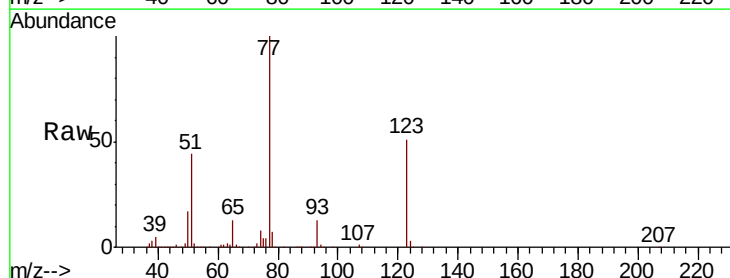


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

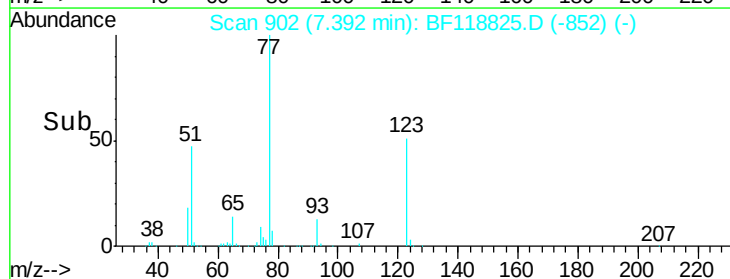
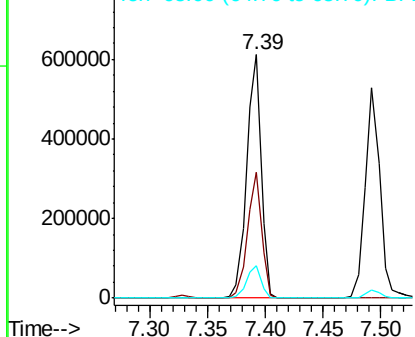


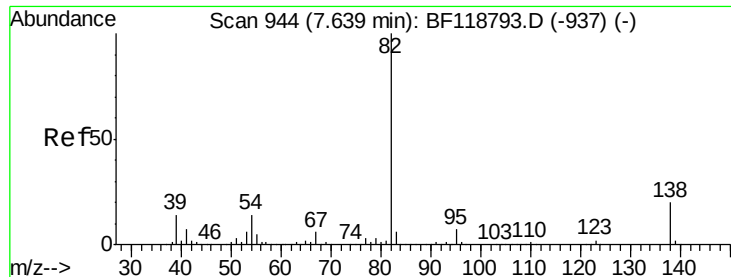
#24
Nitrobenzene
Concen: 40.014 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	77	Resp	533066
Ion Ratio	100	Lower	Upper
123	51.5	39.0	58.4
65	13.3	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.920 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

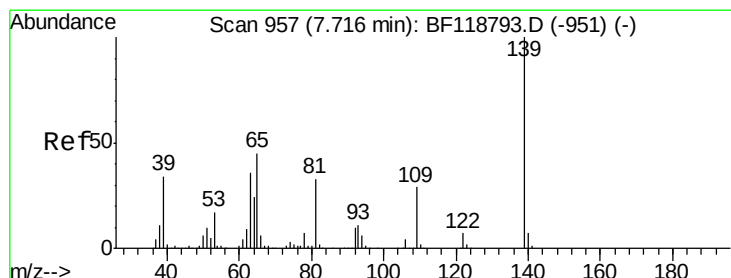
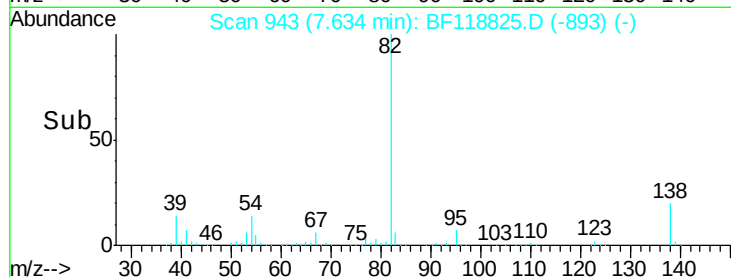
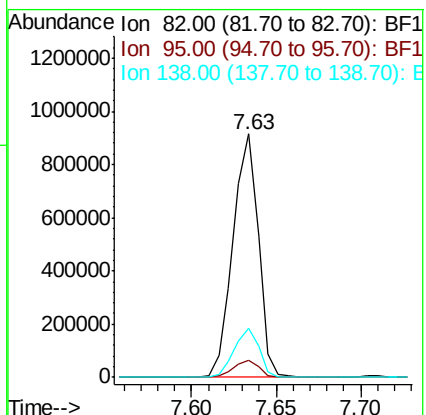
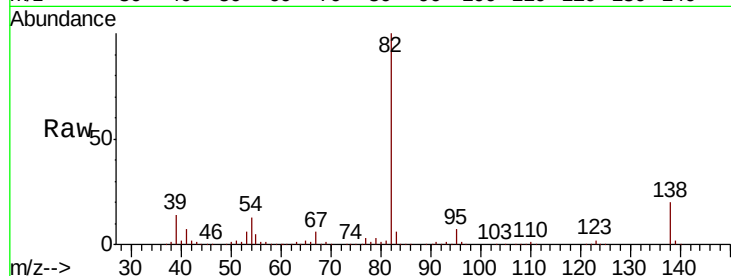
Tot Ion: 82 Resp: 956745

Ion Ratio Lower Upper

82 100

95 7.2 6.0 9.0

138 20.2 15.7 23.5



#26

2-Nitrophenol

Concen: 41.572 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

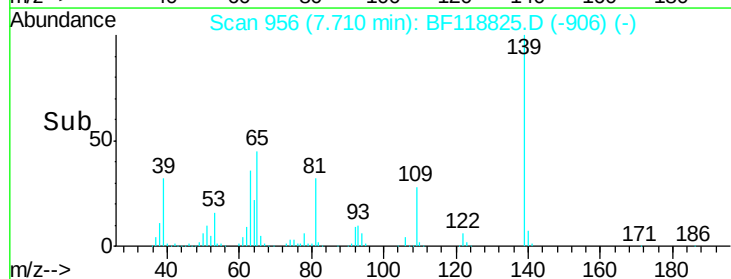
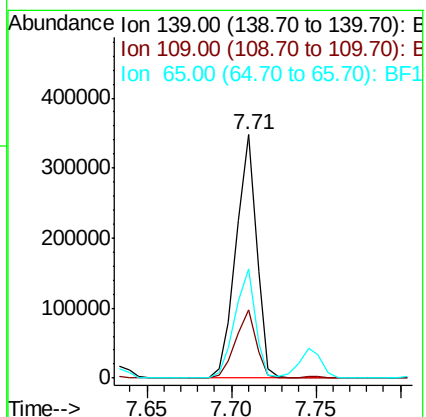
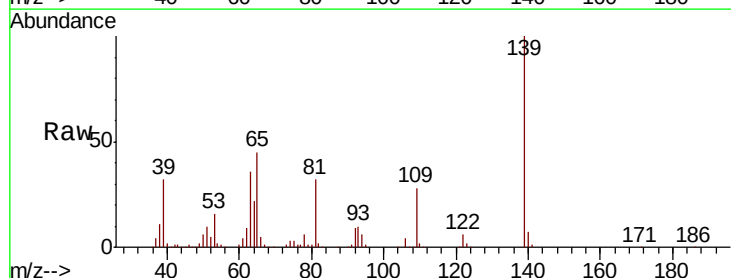
Tgt Ion: 139 Resp: 295107

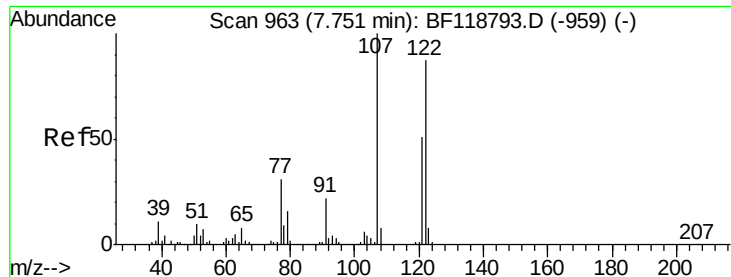
Ion Ratio Lower Upper

139 100

109 27.8 23.4 35.0

65 44.7 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 44.568 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

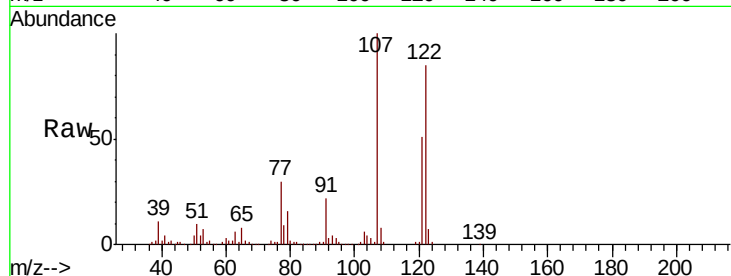
Tot Ion:122 Resp: 429772

Ion Ratio Lower Upper

122 100

107 118.0 92.2 138.2

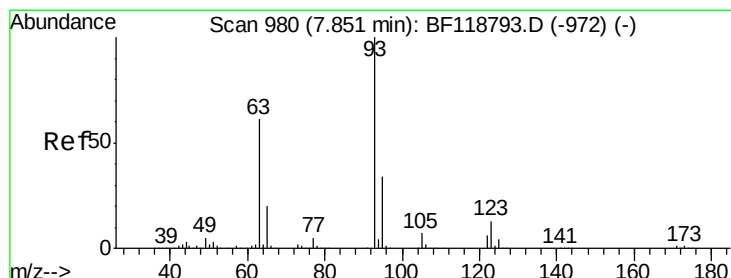
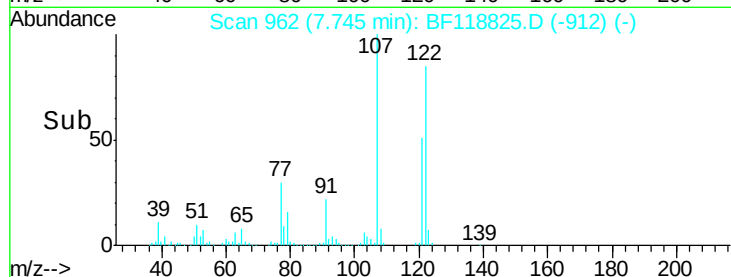
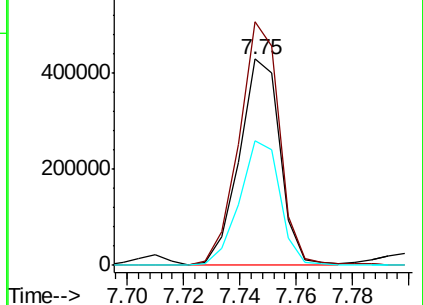
121 60.3 46.8 70.2



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: 37.692 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

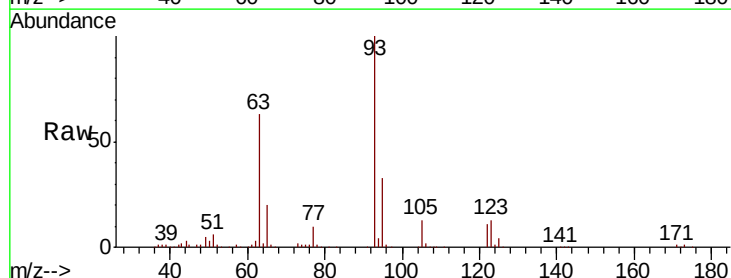
Tgt Ion: 93 Resp: 585764

Ion Ratio Lower Upper

93 100

95 33.3 27.0 40.4

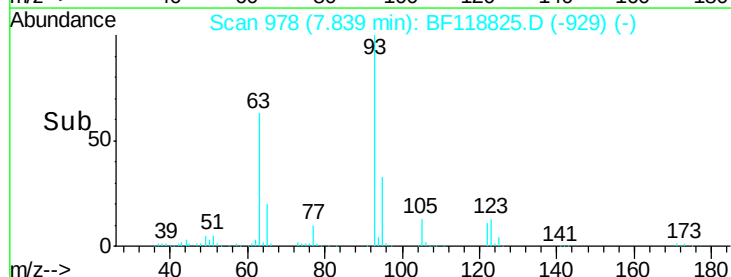
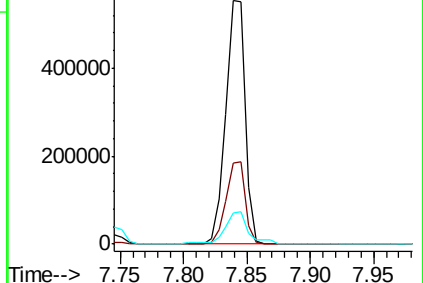
123 12.8 10.6 15.8

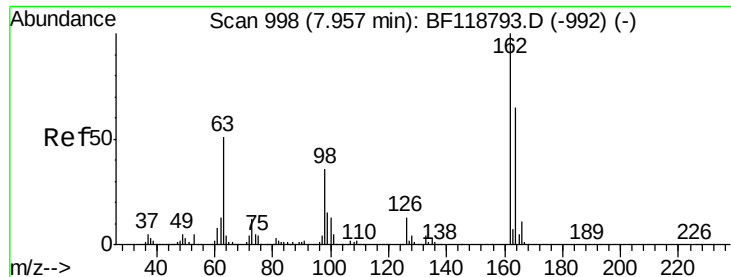


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

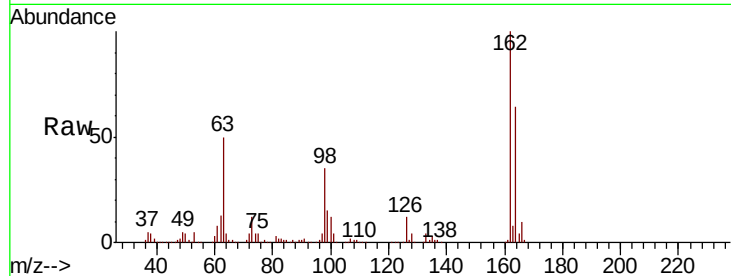




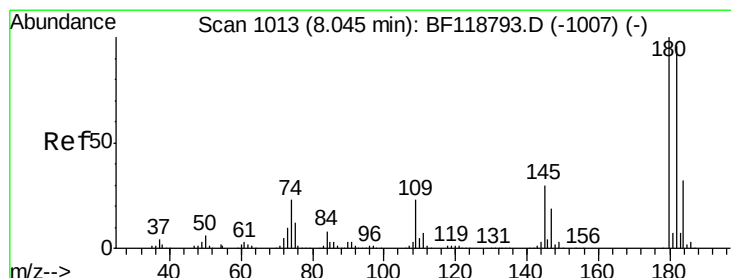
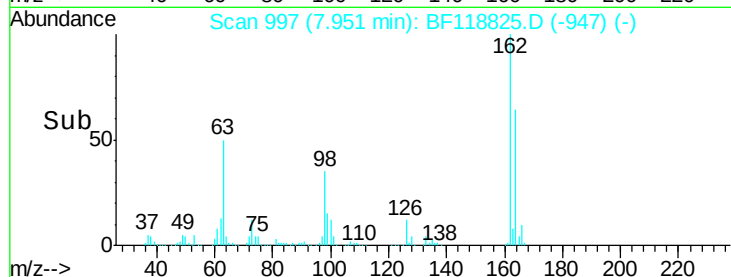
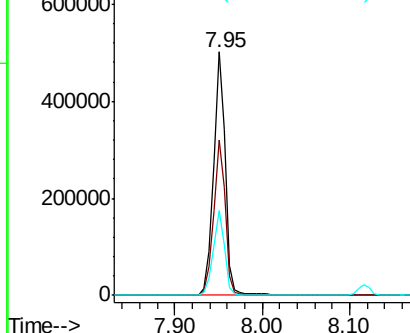
#29
2,4-Dichlorophenol
Concen: 40.645 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.8	84.8
98	35.0	16.4	56.4

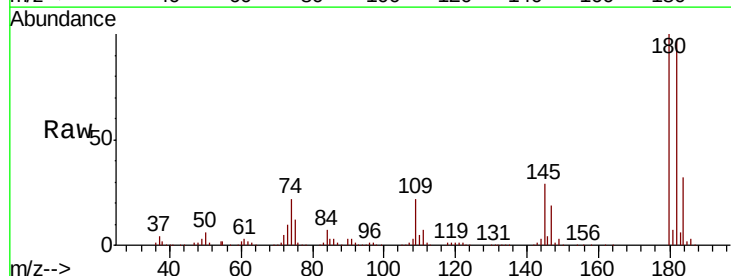


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

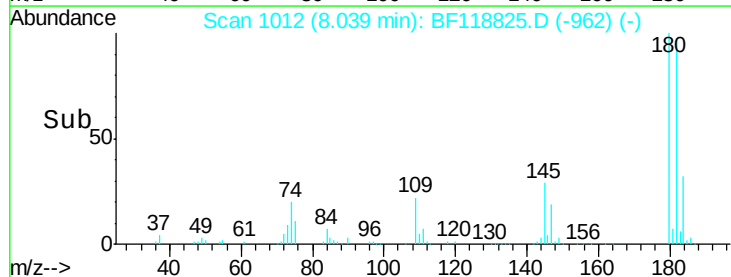
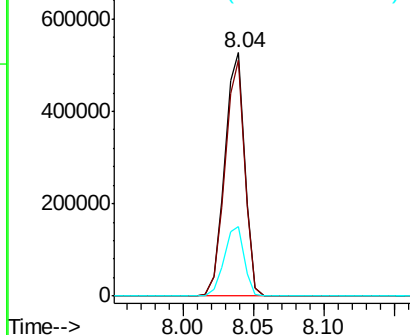


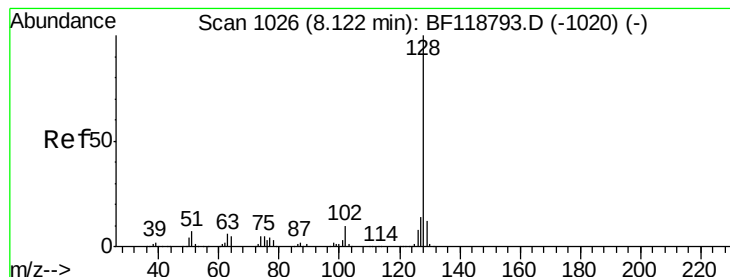
#30
1,2,4-Trichlorobenzene
Concen: 38.288 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.6	115.0
145	28.7	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: 41.340 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

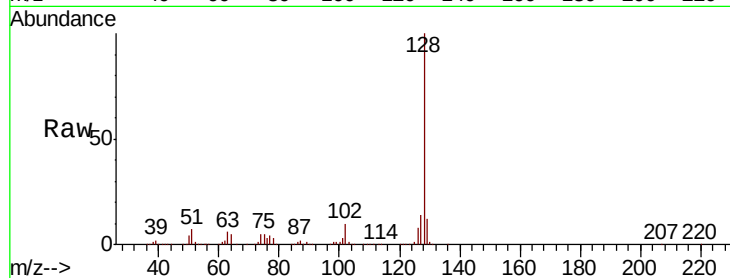
Tot Ion:128 Resp: 1502861

Ion Ratio Lower Upper

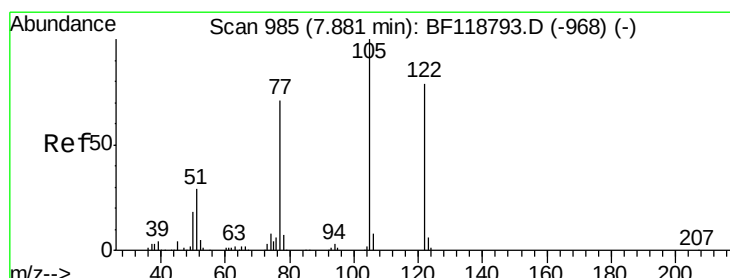
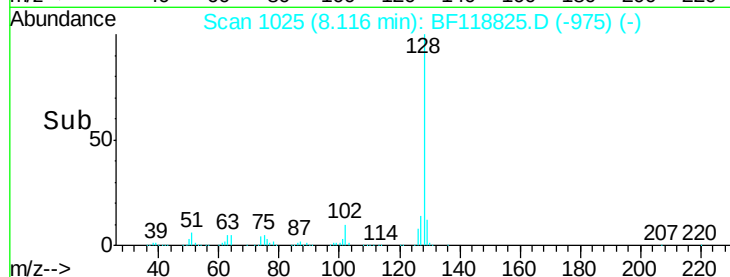
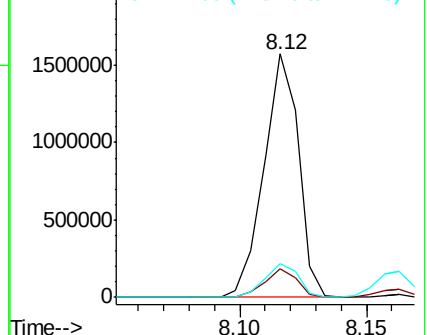
128 100

129 11.5 9.4 14.2

127 13.9 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: 39.494 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

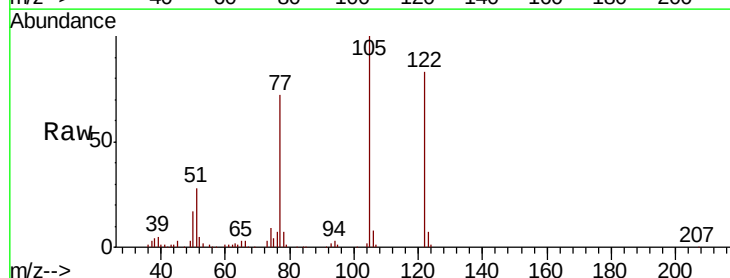
Tgt Ion:122 Resp: 315321

Ion Ratio Lower Upper

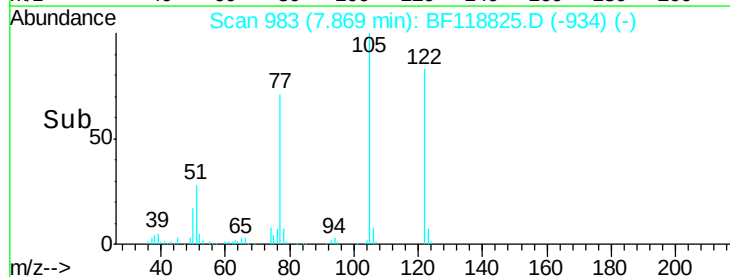
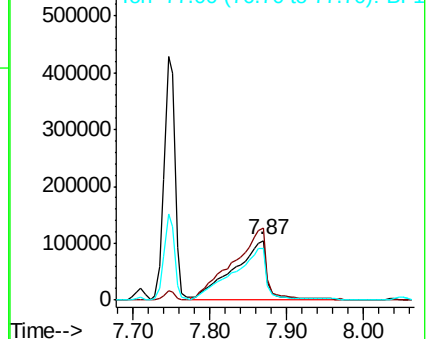
122 100

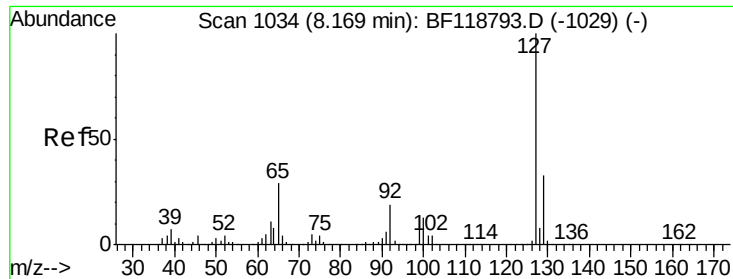
105 120.2 104.4 144.4

77 86.6 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

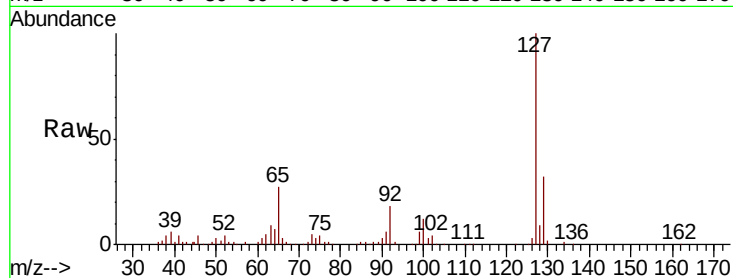




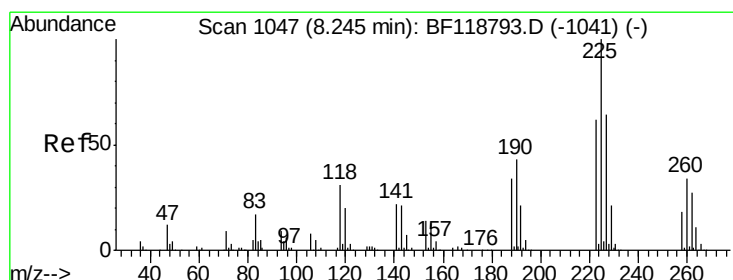
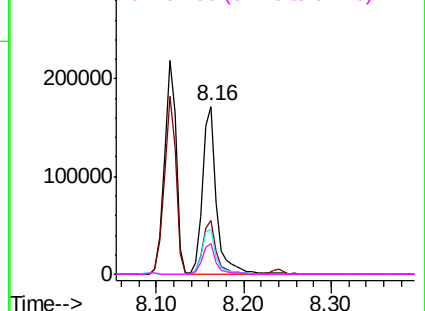
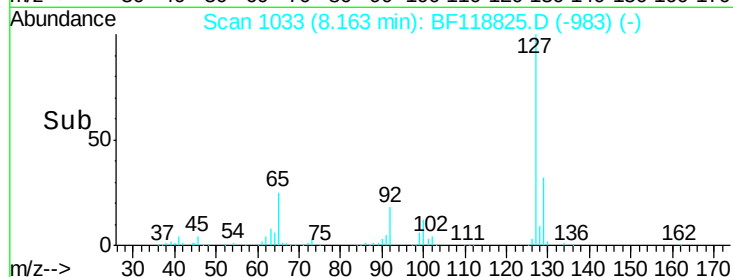
#33
4-Chloroaniline
Concen: 11.829 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	192396
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.7	40.1
65	26.6	22.9	34.3
92	18.2	15.4	23.0

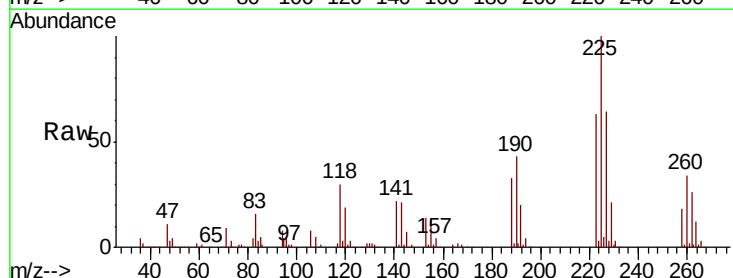


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

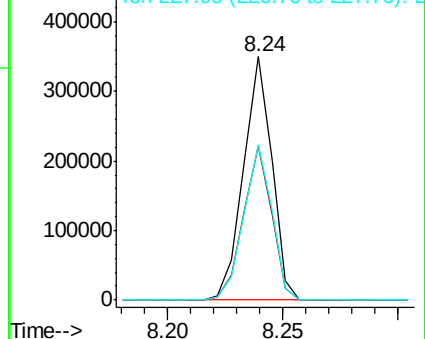
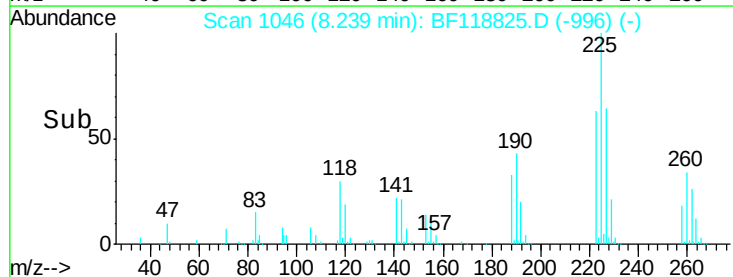


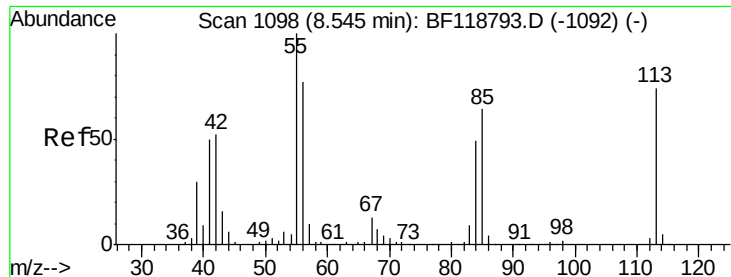
#34
Hexachlorobutadiene
Concen: 36.474 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:	225	Resp:	301630
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.8
227	63.7	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

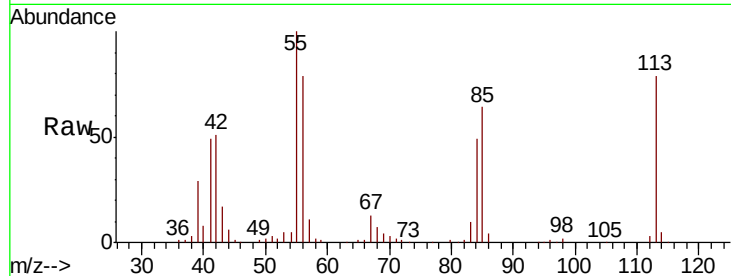




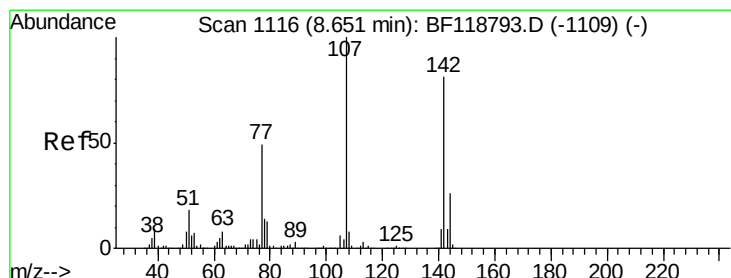
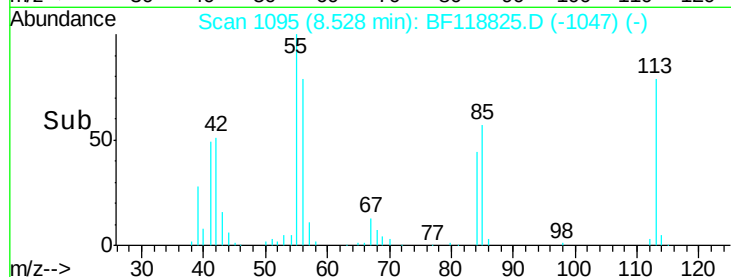
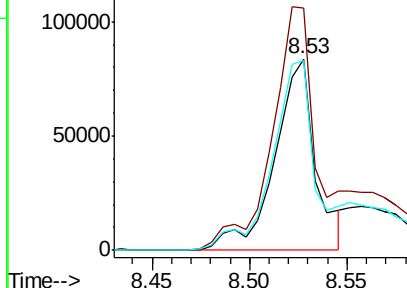
#35
 Caprolactam
 Concen: 32.323 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 121006
 Ion Ratio Lower Upper
 113 100
 55 126.3 115.5 155.5
 56 99.4 83.7 123.7

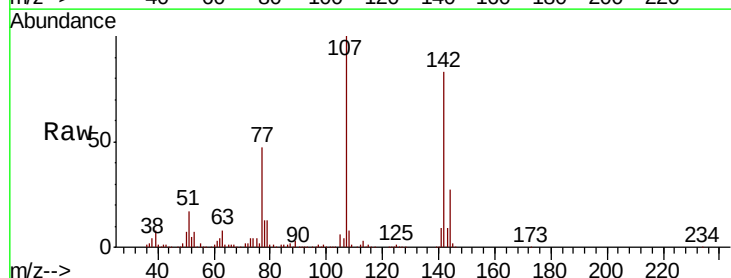


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

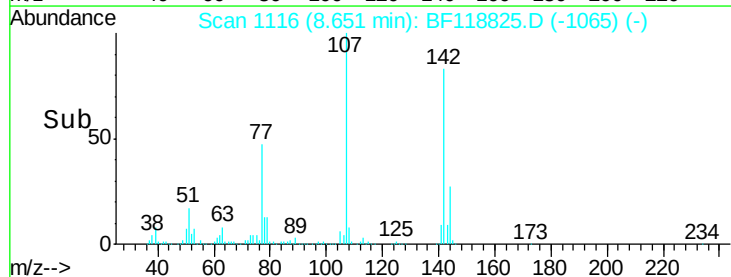
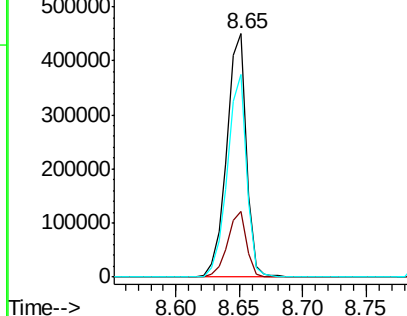


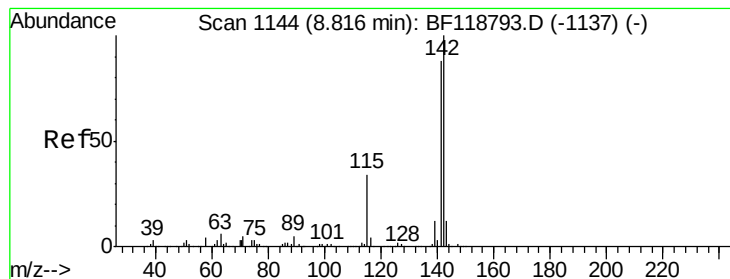
#36
 4-Chloro-3-methylphenol
 Concen: 41.493 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion:107 Resp: 482225
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.0 31.6
 142 83.3 64.8 97.2



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





#37

2-Methylnaphthalene

Concen: 41.999 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampled :

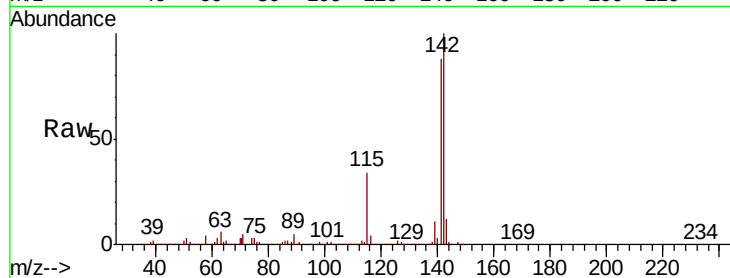
Tot Ion:142 Resp: 1058907

Ion Ratio Lower Upper

142 100

141 87.9 70.1 105.1

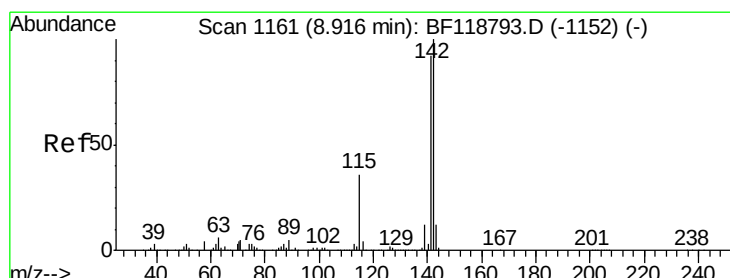
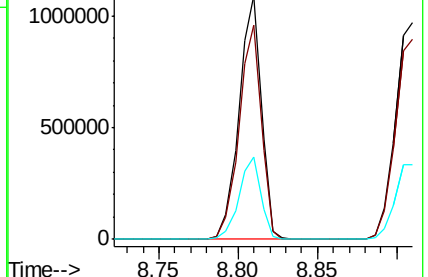
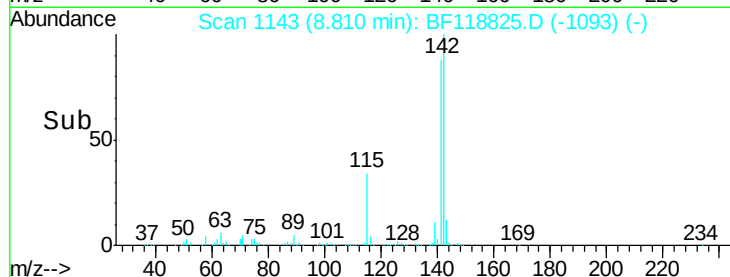
115 33.6 27.3 40.9



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: 41.544 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

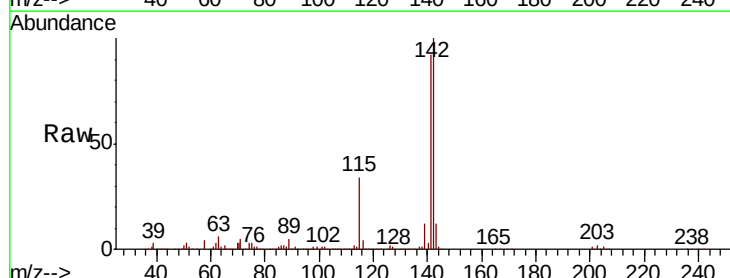
Tgt Ion:142 Resp: 985339

Ion Ratio Lower Upper

142 100

141 92.4 73.8 110.6

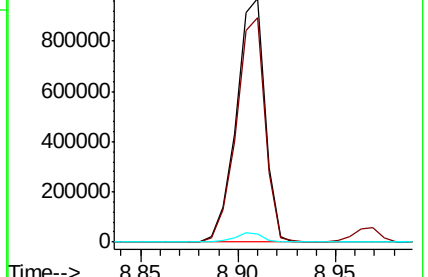
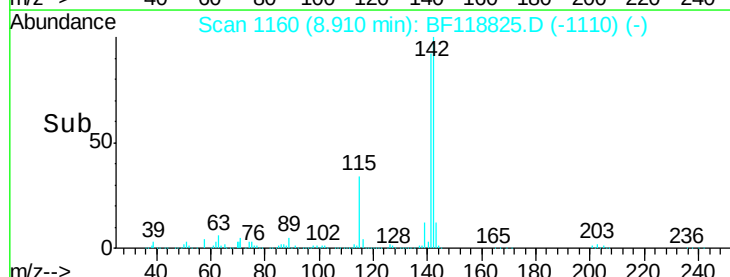
116 3.5 3.0 4.4

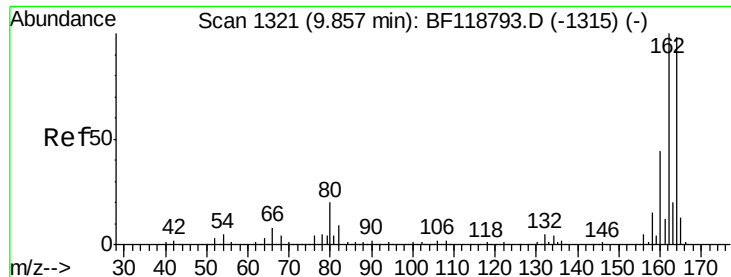


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

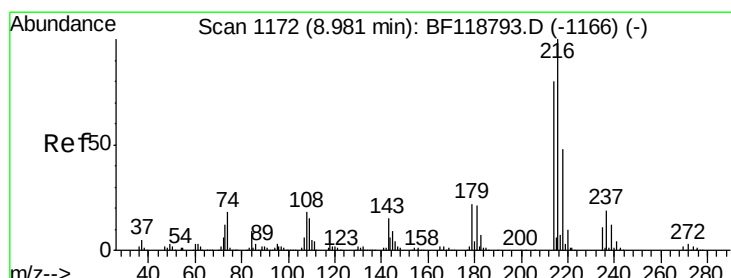
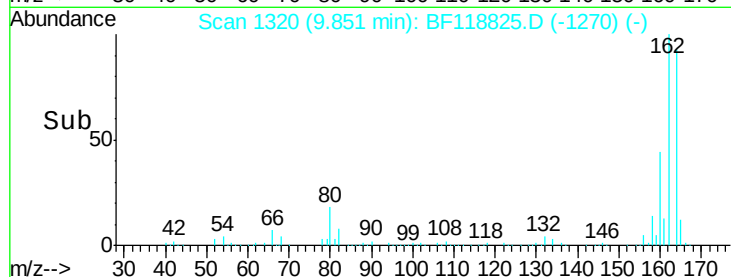
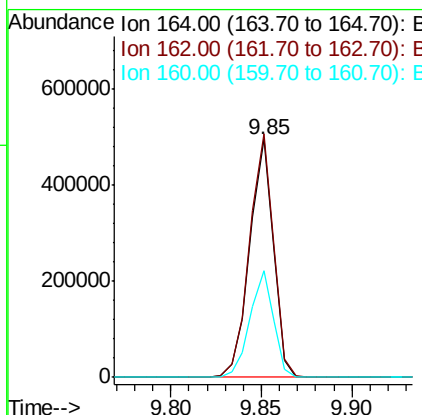
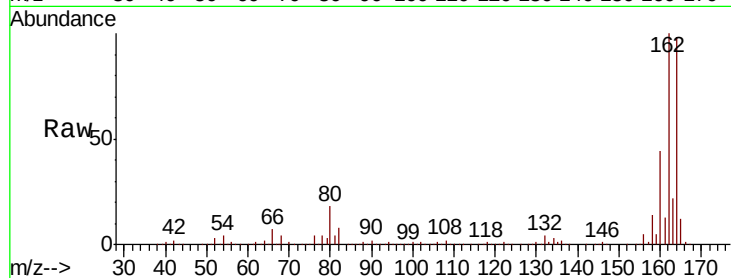




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

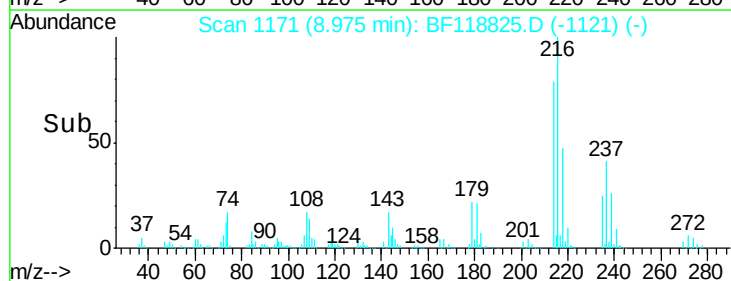
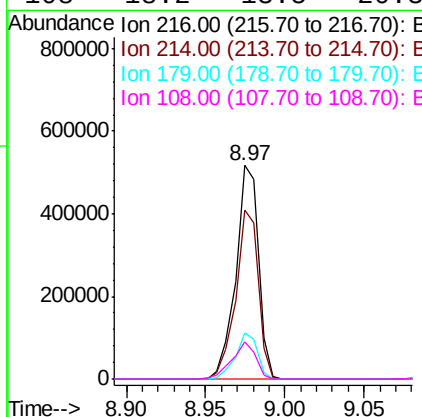
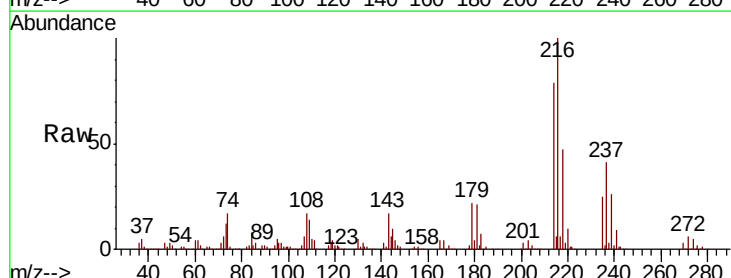
Instrument :
BNA_F
ClientSampleId :

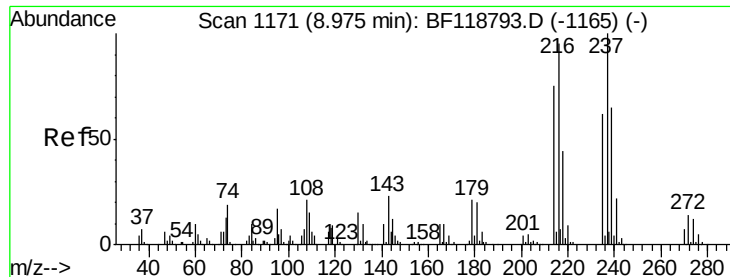
Tot Ion:164 Resp: 451239
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.2
160 44.5 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.792 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:216 Resp: 514683
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 20.9 17.0 25.6
108 18.2 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 90.763 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

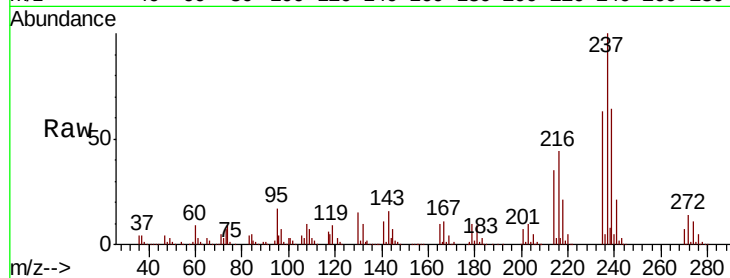
Tot Ion:237 Resp: 484685

Ion Ratio Lower Upper

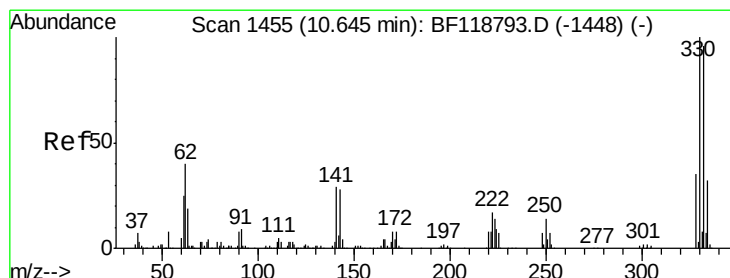
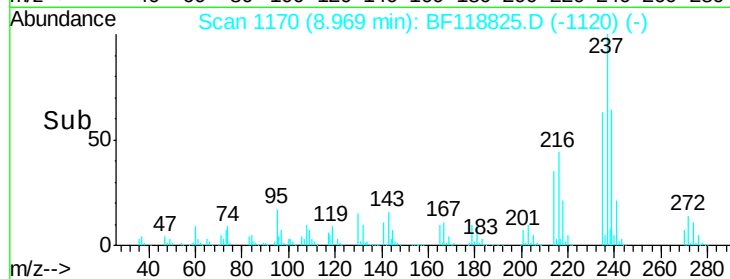
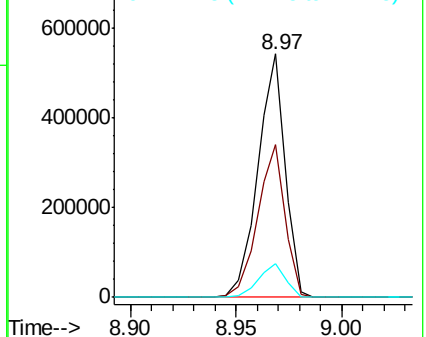
237 100

235 62.7 42.1 82.1

272 13.9 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: 95.577 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

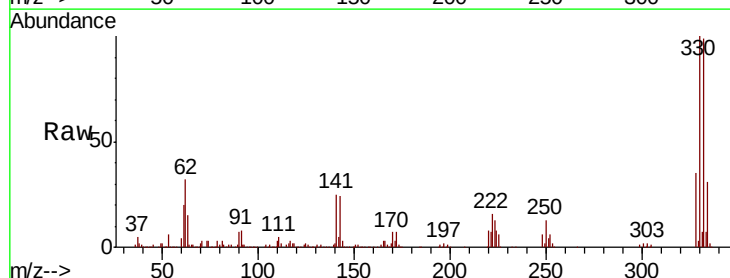
Tgt Ion:330 Resp: 516038

Ion Ratio Lower Upper

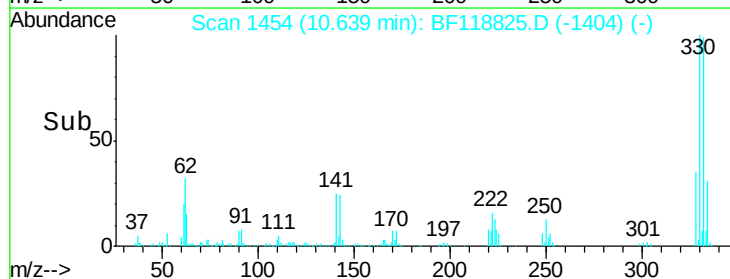
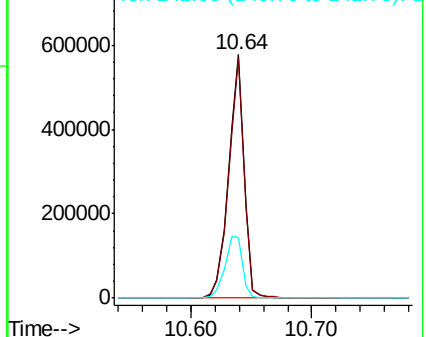
330 100

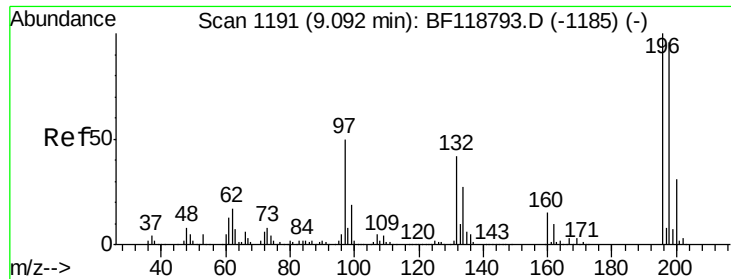
332 97.8 77.3 115.9

141 28.8 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



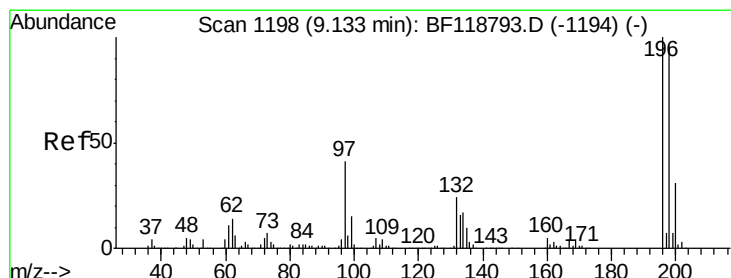
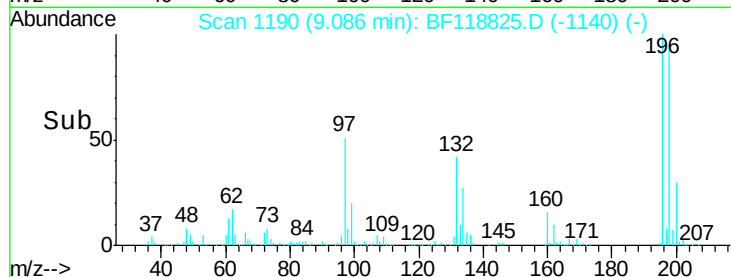
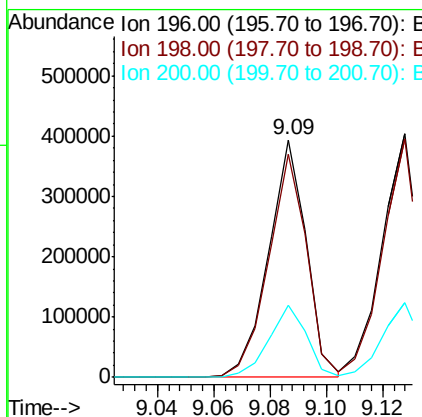
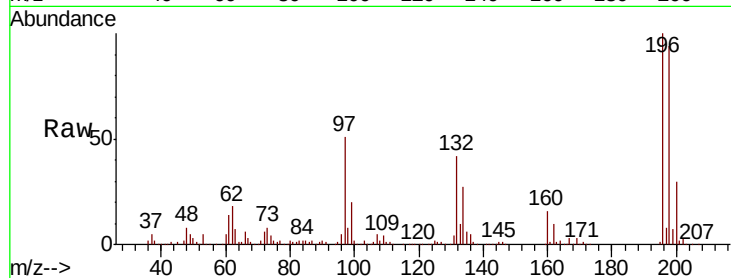


#43
 2,4,6-Trichlorophenol
 Concen: 40.024 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 364497

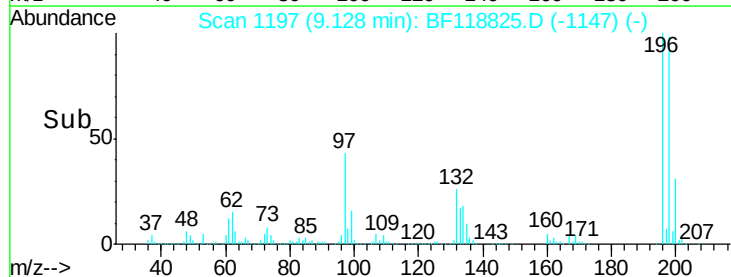
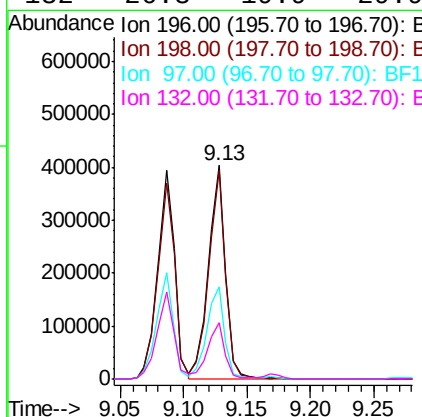
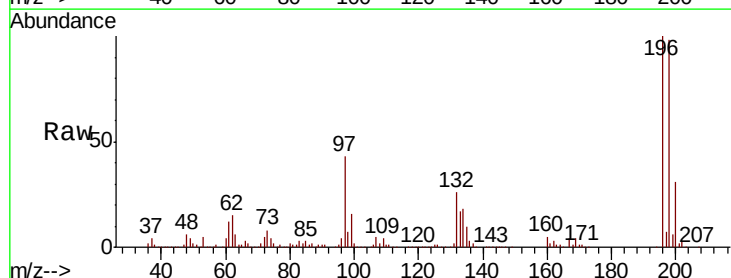
Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.7	115.1
200	30.3	24.9	37.3

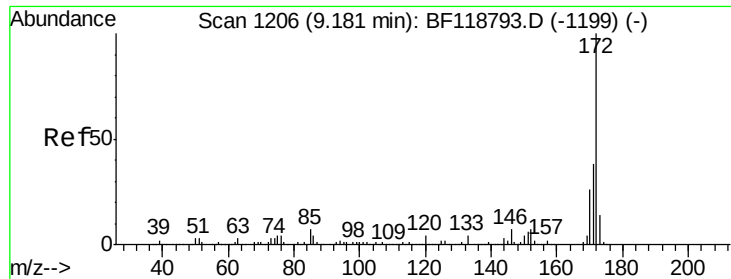


#44
 2,4,5-Trichlorophenol
 Concen: 41.157 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion:196 Resp: 382976

Ion	Ratio	Lower	Upper
196	100		
198	97.7	77.0	115.4
97	43.1	32.9	49.3
132	26.3	19.9	29.9

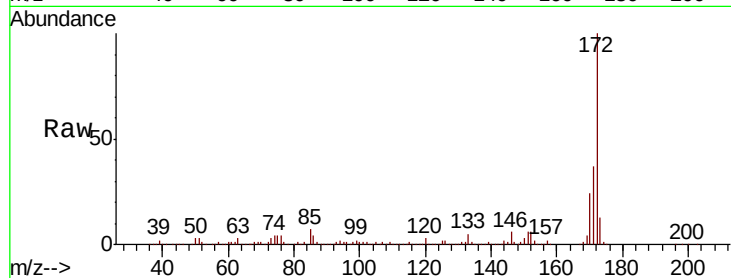




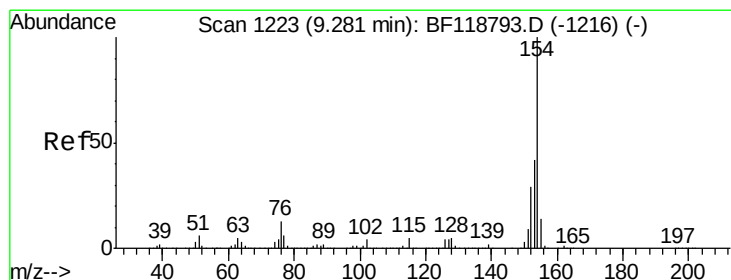
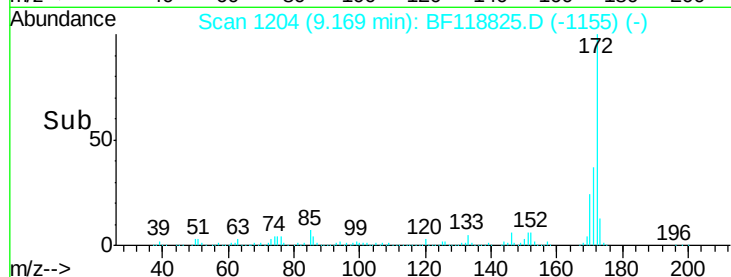
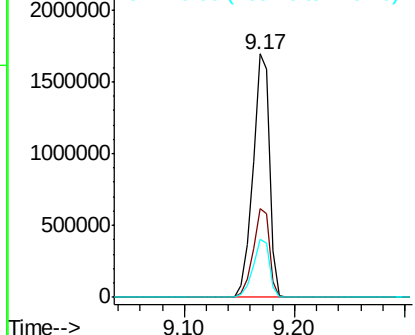
#45
2-Fluorobiphenyl
Concen: 70.430 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1777762
Ion Ratio Lower Upper
172 100
171 36.5 30.8 46.2
170 23.9 20.5 30.7

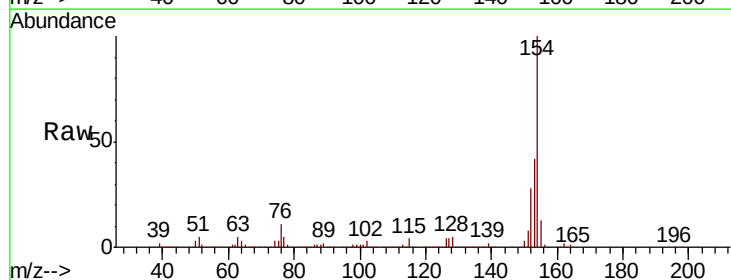


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

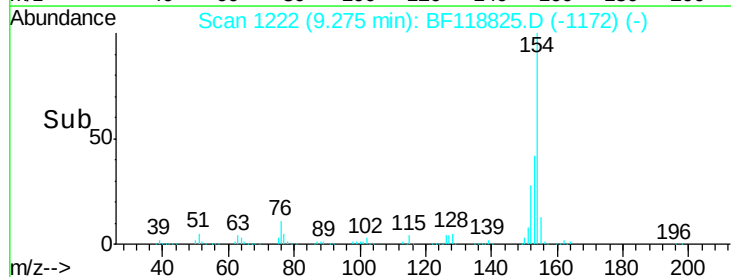
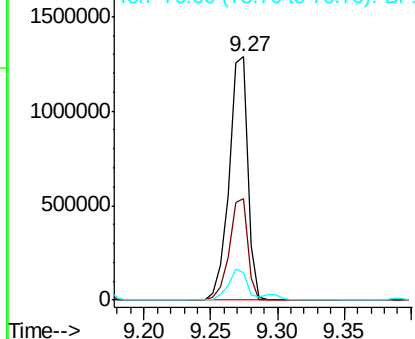


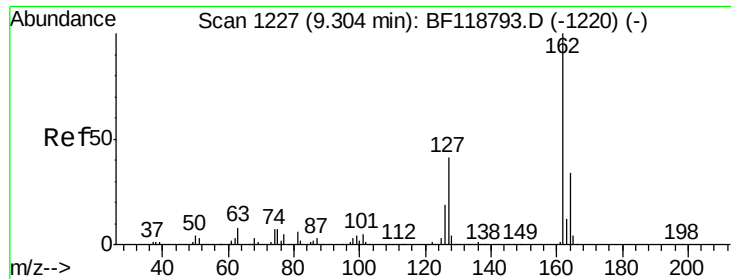
#46
1,1'-Biphenyl
Concen: 40.958 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:154 Resp: 1278472
Ion Ratio Lower Upper
154 100
153 41.6 22.4 62.4
76 11.2 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

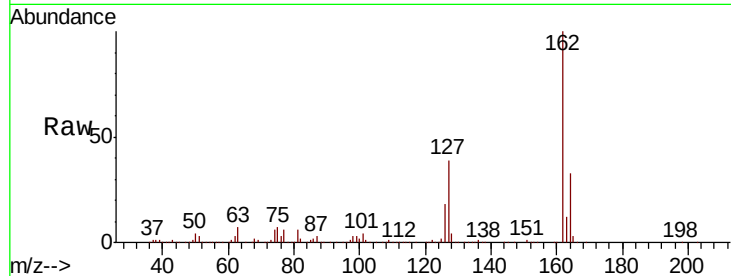




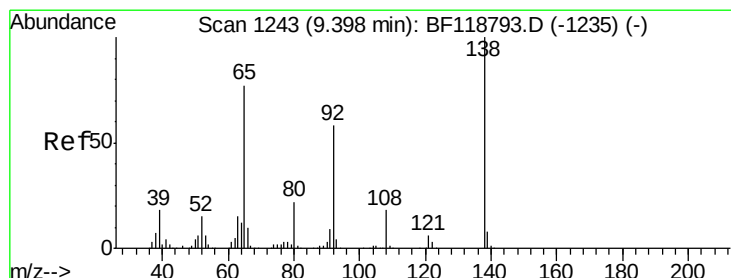
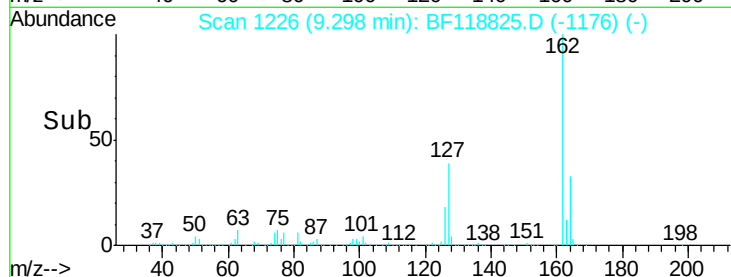
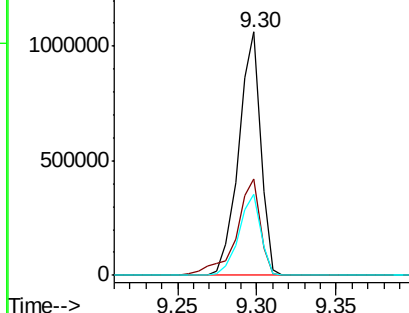
#47
 2-Chloronaphthalene
 Concen: 39.236 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1018157
 Ion Ratio Lower Upper
 162 100
 127 39.4 33.3 49.9
 164 33.5 27.1 40.7

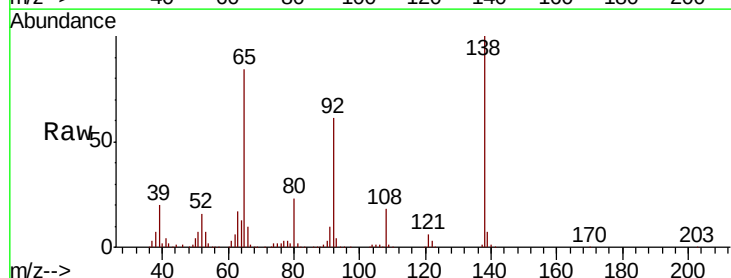


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

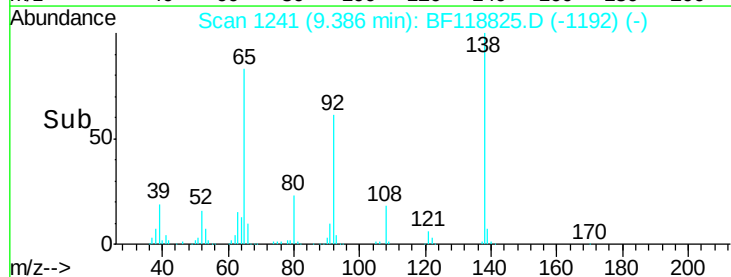
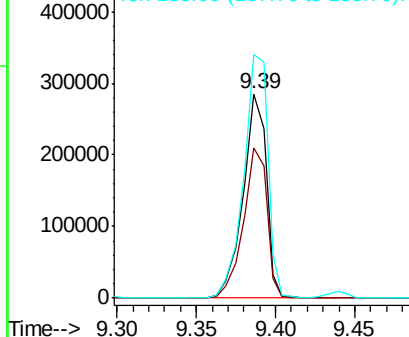


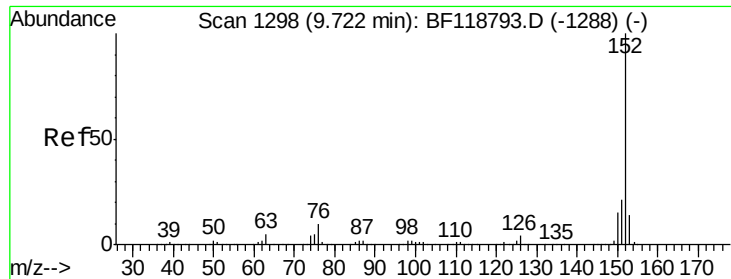
#48
 2-Nitroaniline
 Concen: 38.774 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion: 65 Resp: 290197
 Ion Ratio Lower Upper
 65 100
 92 73.3 60.6 91.0
 138 119.3 104.6 156.8



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: 42.333 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

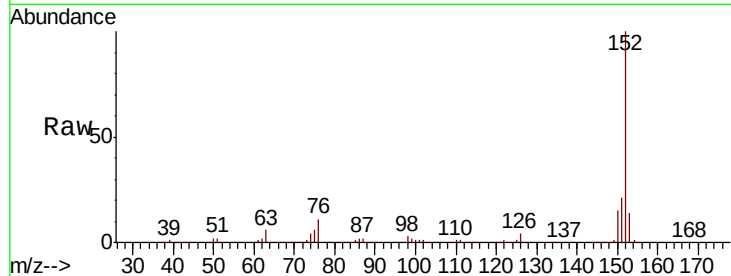
Tot Ion:152 Resp: 1586111

Ion Ratio Lower Upper

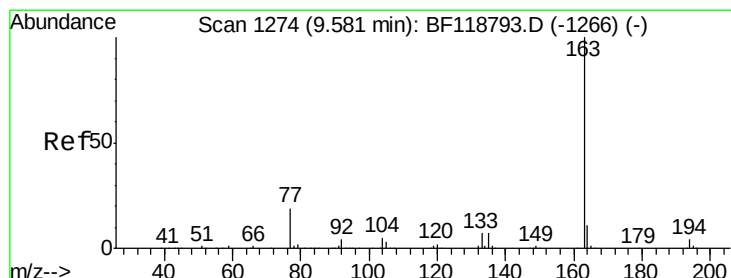
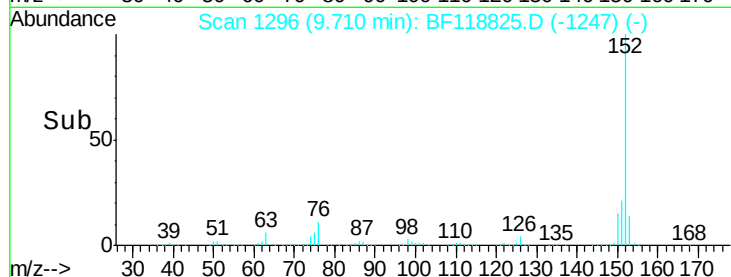
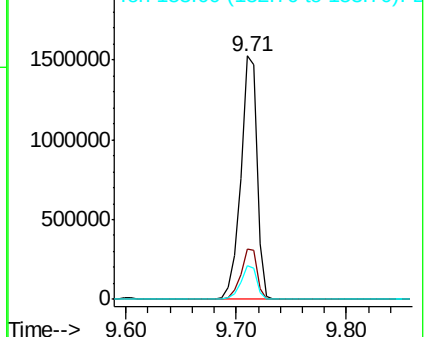
152 100

151 20.7 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: 42.249 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

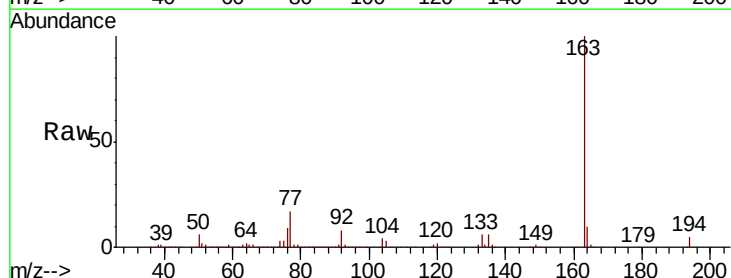
Tgt Ion:163 Resp: 1298098

Ion Ratio Lower Upper

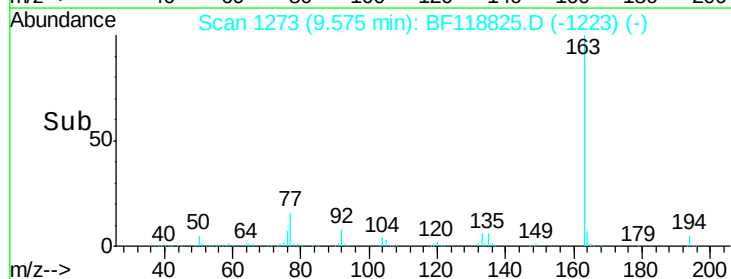
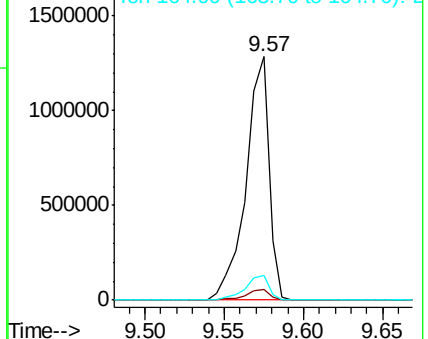
163 100

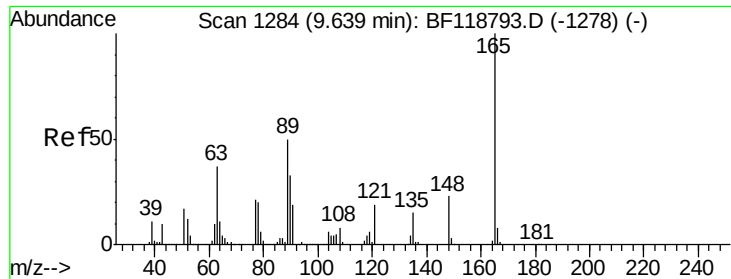
194 4.5 3.6 5.4

164 10.1 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

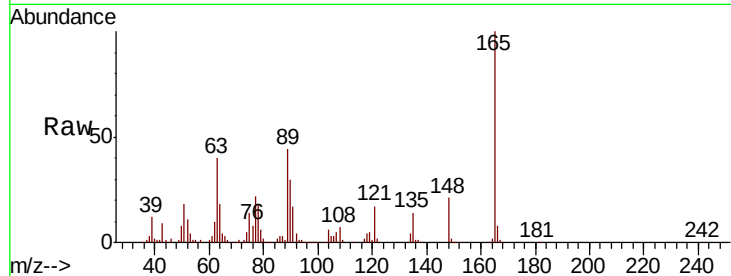




#51
2,6-Dinitrotoluene
Concen: 40.900 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.1	37.4	56.0
89	43.5	39.7	59.5

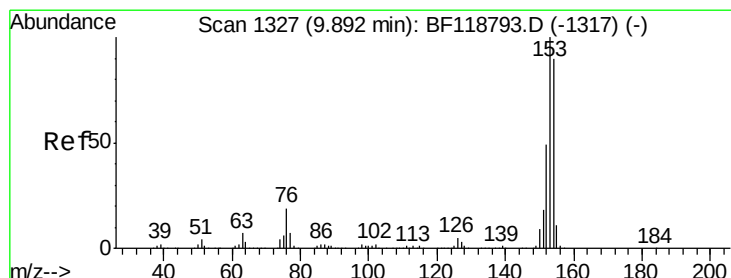
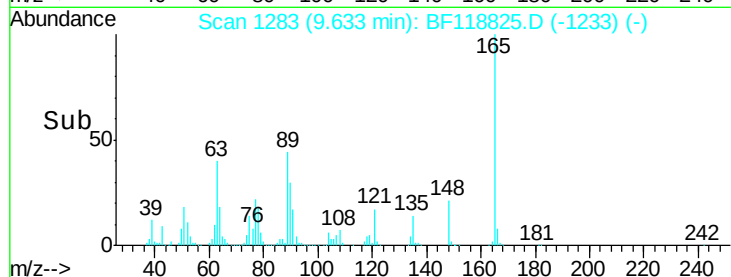
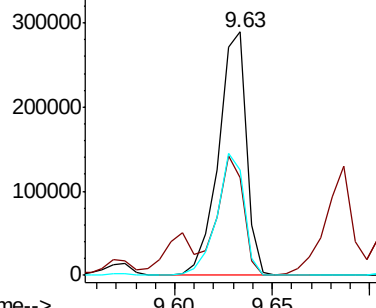


Abundance

Ion 165.00 (164.70 to 165.70): E

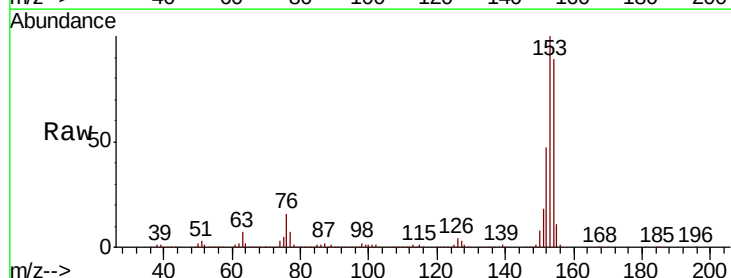
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 44.116 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.4	134.0
152	53.2	43.6	65.4

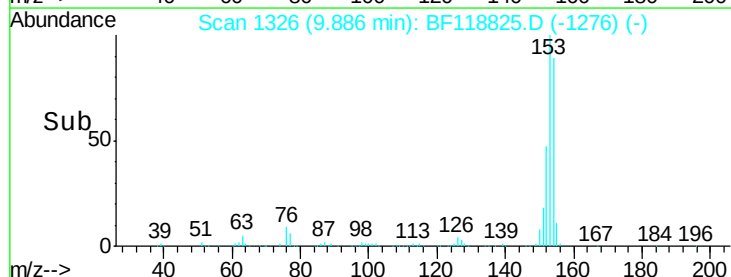
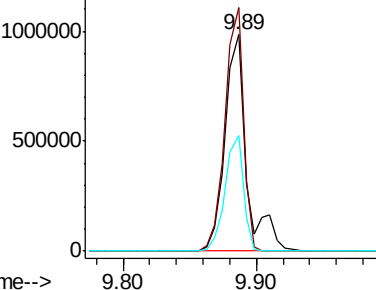


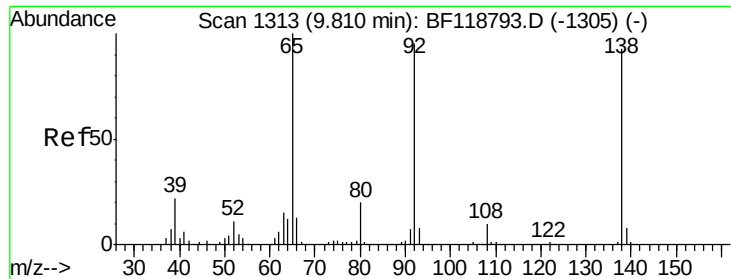
Abundance

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

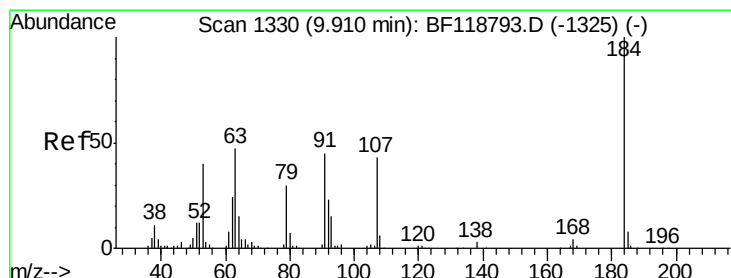
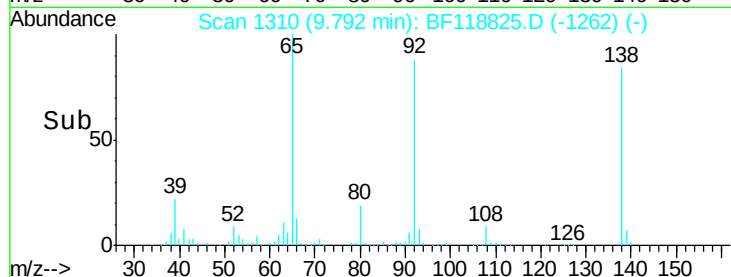
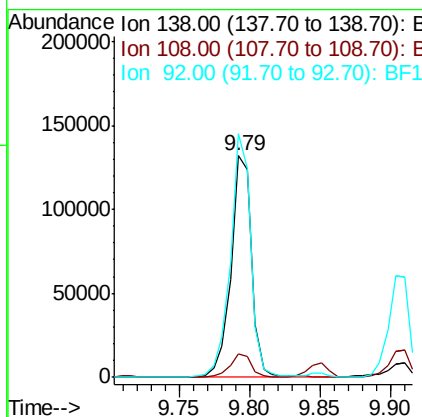
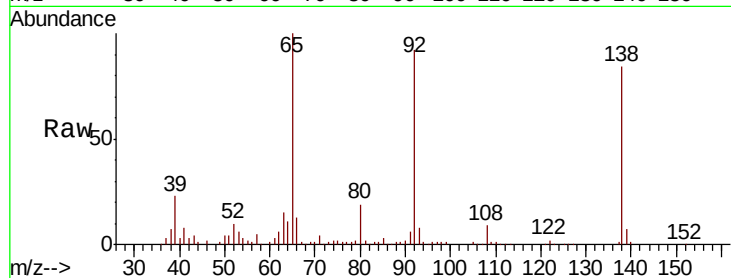




#53
3-Nitroaniline
Concen: 17.313 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

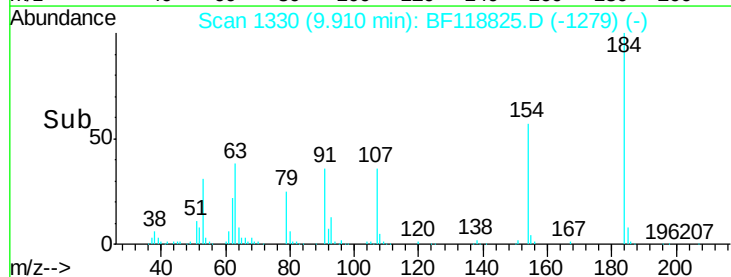
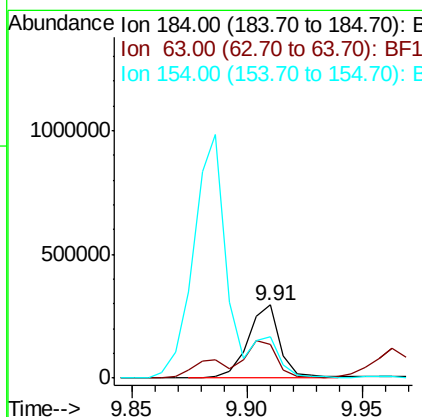
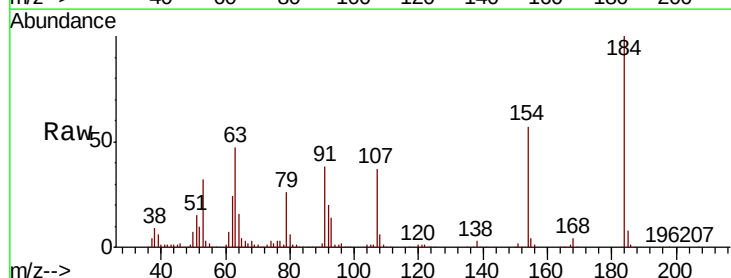
Instrument :
BNA_F
ClientSampleId :

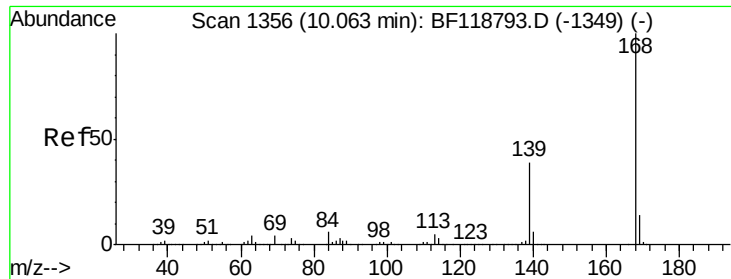
Tot Ion:138 Resp: 134986
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 109.9 82.2 123.4



#54
2,4-Dinitrophenol
Concen: 85.019 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:184 Resp: 287336
Ion Ratio Lower Upper
184 100
63 47.0 47.5 71.3#
154 57.0 48.6 72.8

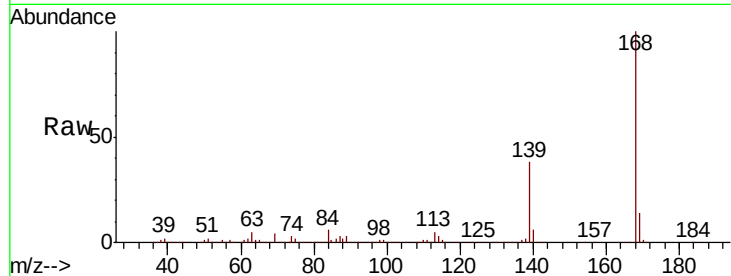




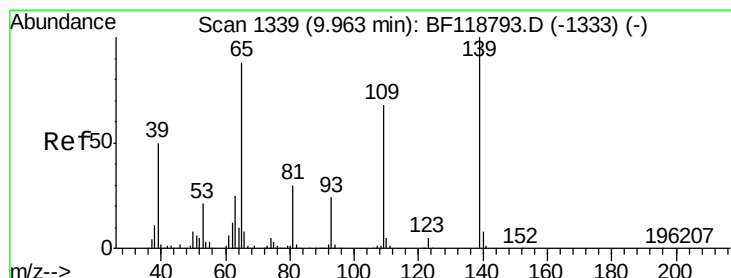
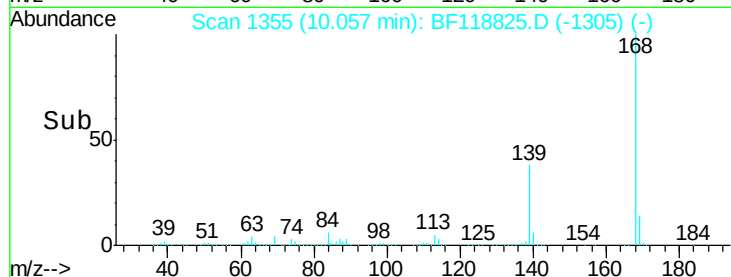
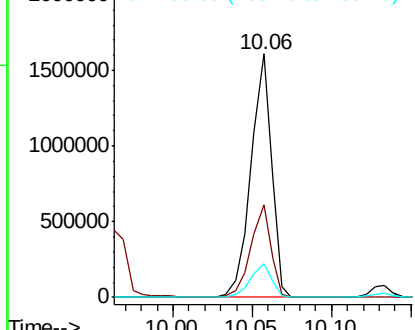
#55
Dibenzofuran
Concen: 40.695 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1452033
Ion Ratio Lower Upper
168 100
139 38.1 31.6 47.4
169 14.1 11.4 17.2

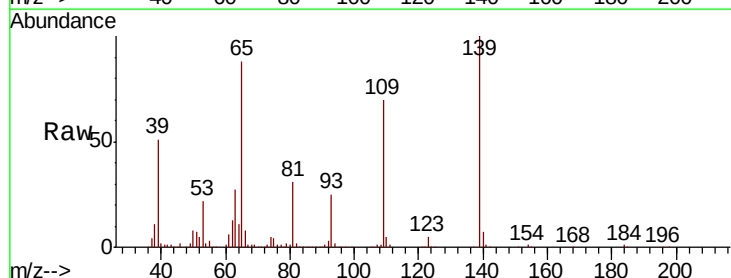


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

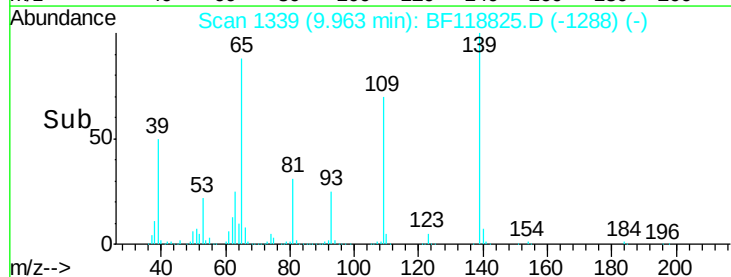
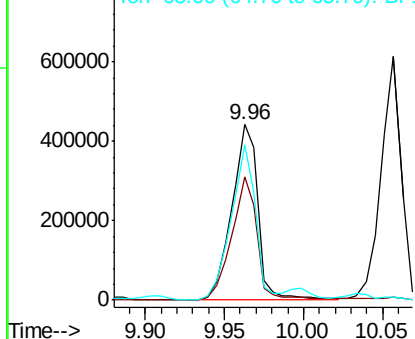


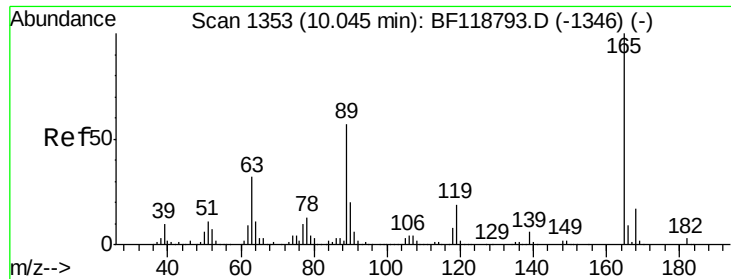
#56
4-Nitrophenol
Concen: 89.689 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:139 Resp: 506099
Ion Ratio Lower Upper
139 100
109 70.3 48.0 88.0
65 88.1 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

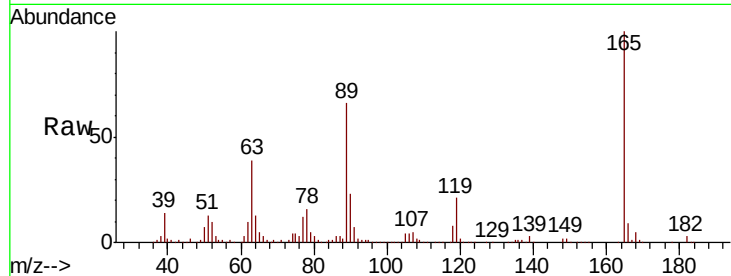




#57
2,4-Dinitrotoluene
Concen: 43.283 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	39.2	25.5	38.3	
89	65.9	45.4	68.0	
182	3.0	2.4	3.6	



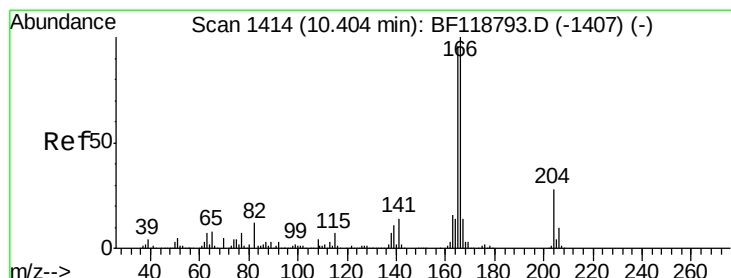
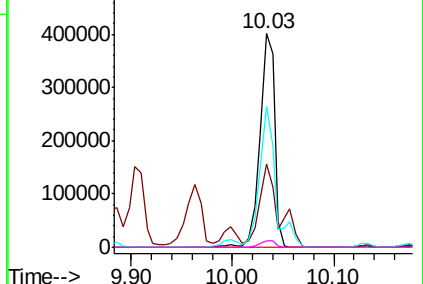
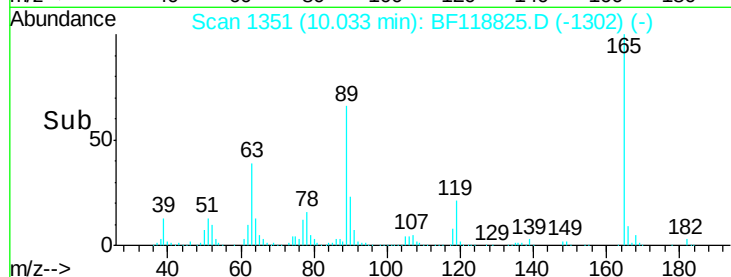
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

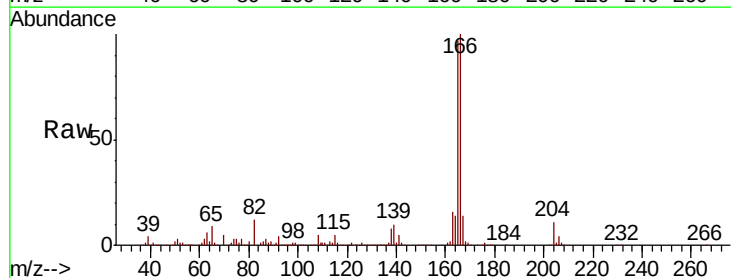
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.119 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.0	77.0	115.6	
167	13.7	11.1	16.7	

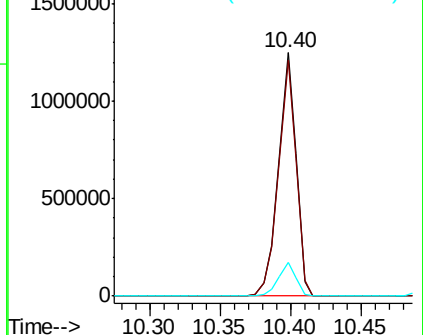
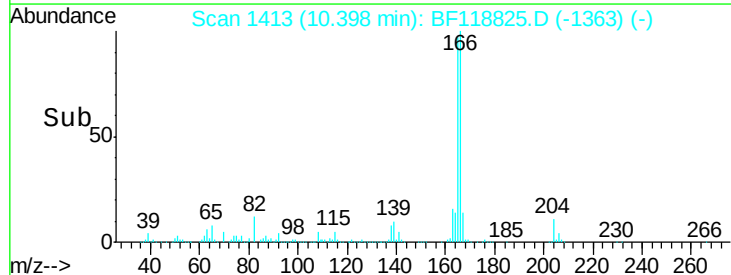


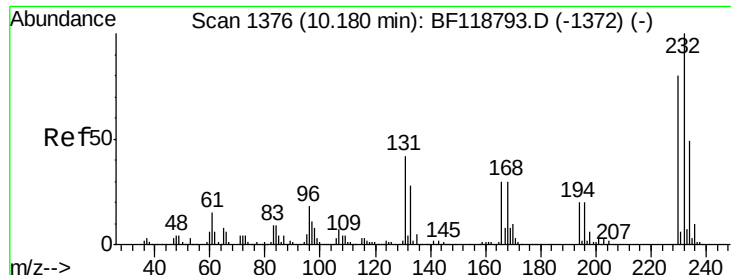
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

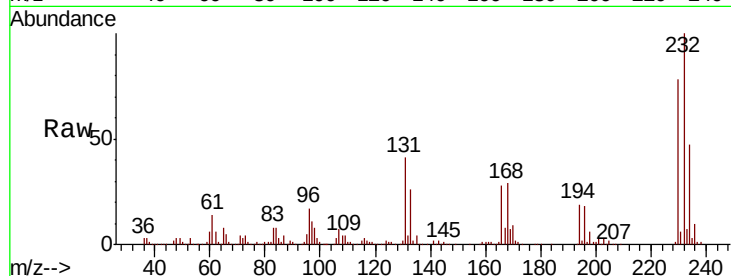




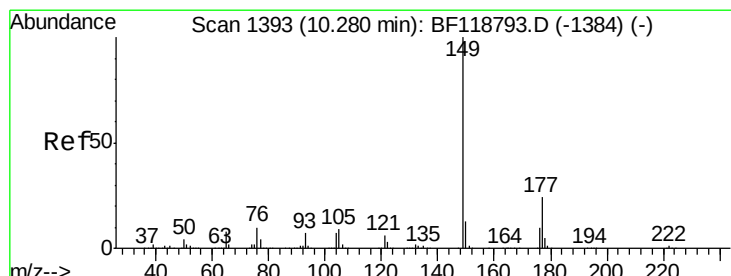
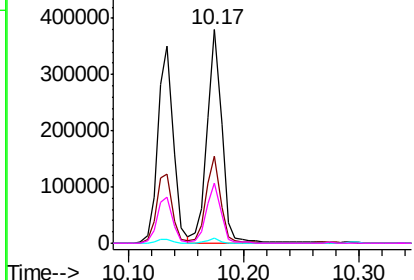
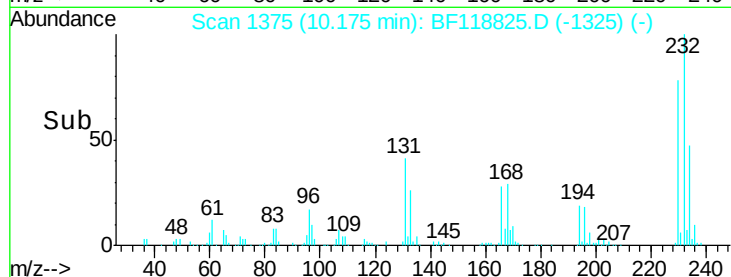
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.714 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	338986
Ion	Ratio	Lower	Upper
232	100		
131	39.6	31.8	47.6
130	2.1	1.6	2.4
166	27.9	23.1	34.7

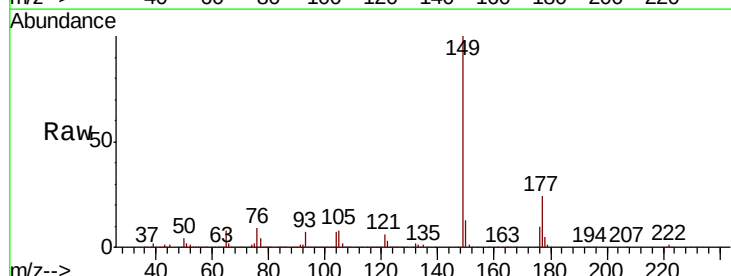


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

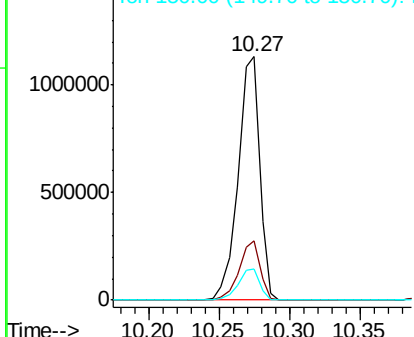
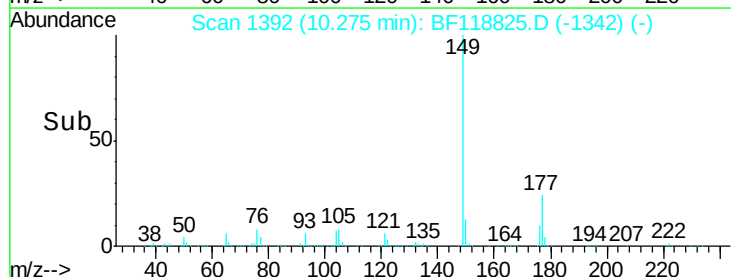


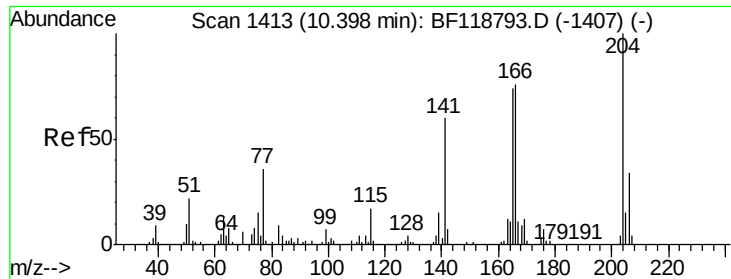
#60
 Diethylphthalate
 Concen: 40.309 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion:	149	Resp:	1204294
Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.3	28.9
150	12.7	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

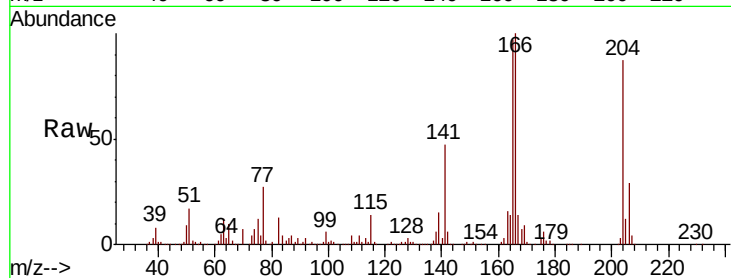




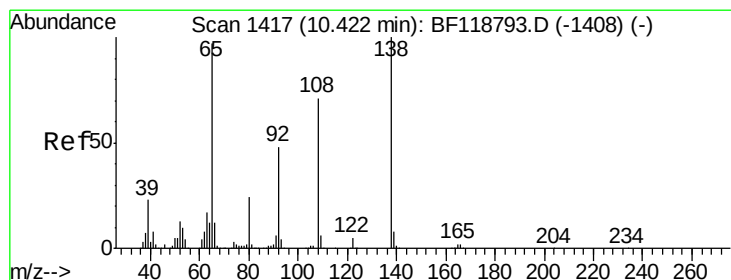
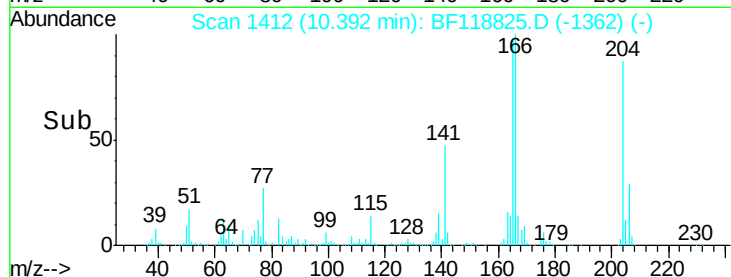
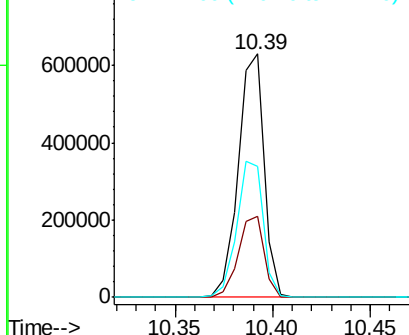
#61
4-Chlorophenyl-phenylether
Concen: 39.684 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 577703
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.2
141 53.7 47.8 71.6

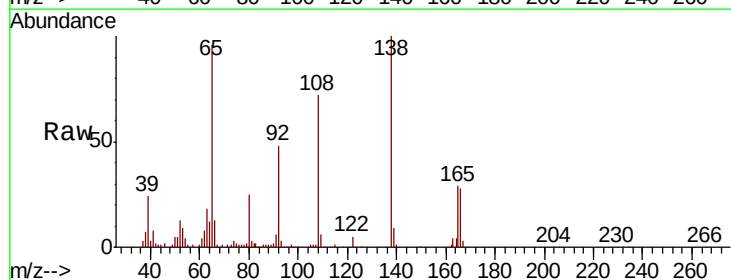


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

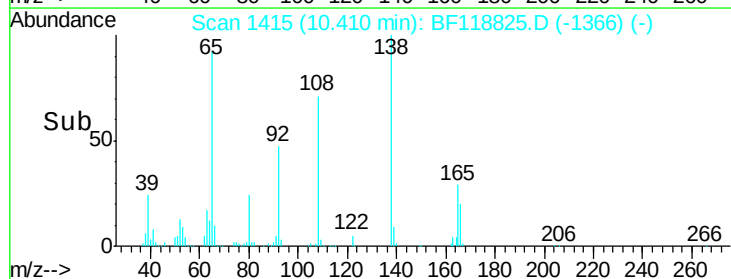
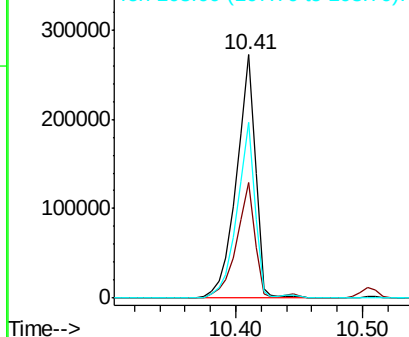


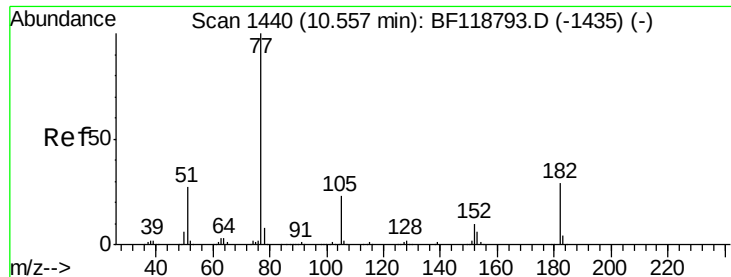
#62
4-Nitroaniline
Concen: 35.974 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:138 Resp: 280876
Ion Ratio Lower Upper
138 100
92 47.5 27.6 67.6
108 72.2 51.3 91.3



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





#63

Azobenzene

Concen: 41.423 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1056567

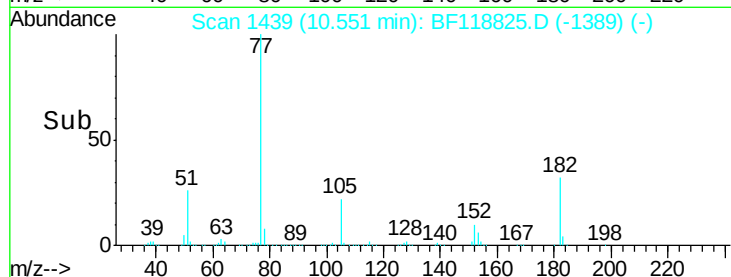
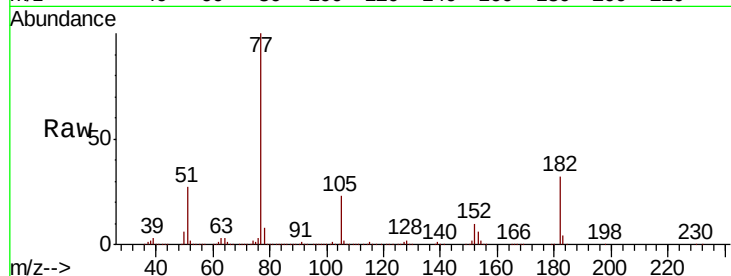
Ion	Ratio	Lower	Upper
77	100		
182	31.5	9.2	49.2
105	23.3	3.1	43.1
51	26.6	7.4	47.4

77 100

182 31.5 9.2 49.2

105 23.3 3.1 43.1

51 26.6 7.4 47.4

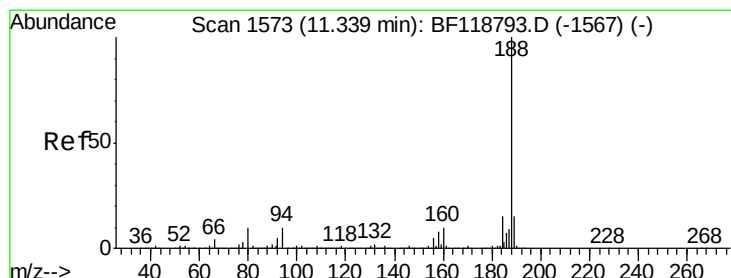
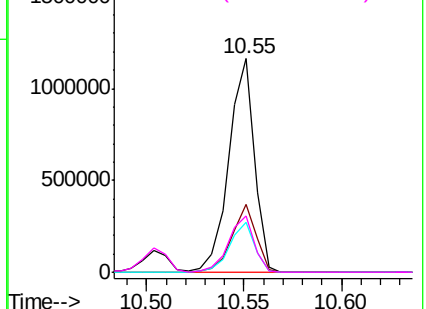


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

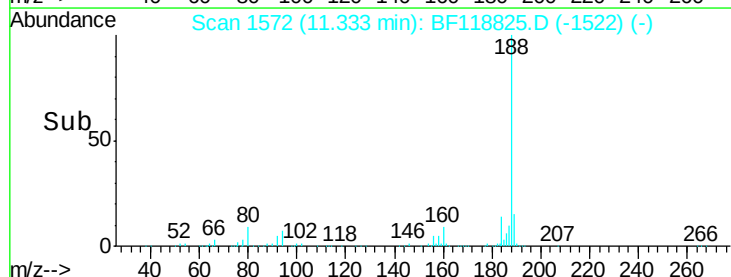
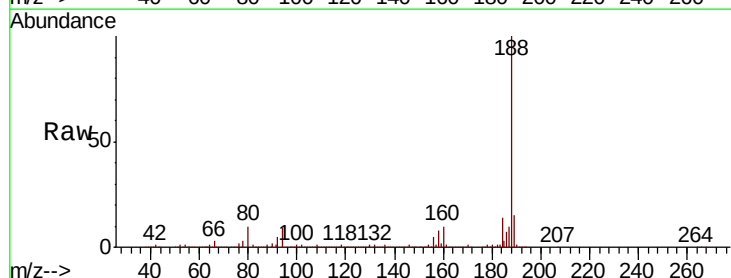
Tgt Ion: 188 Resp: 919611

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.9	11.9
80	9.5	8.4	12.6

188 100

94 8.6 7.9 11.9

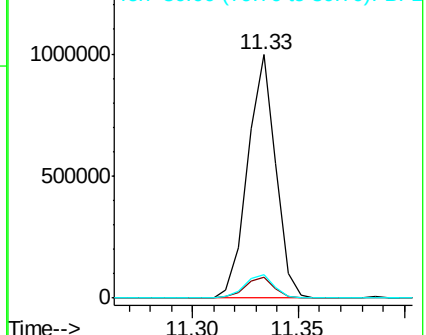
80 9.5 8.4 12.6

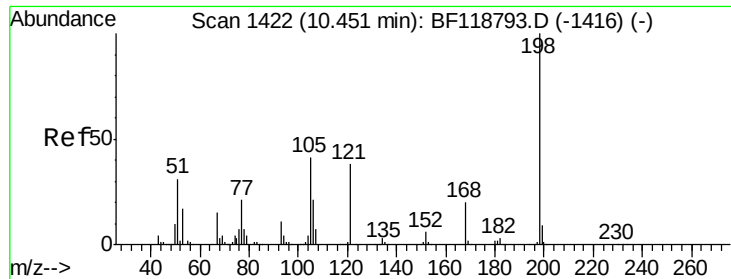


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 43.177 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

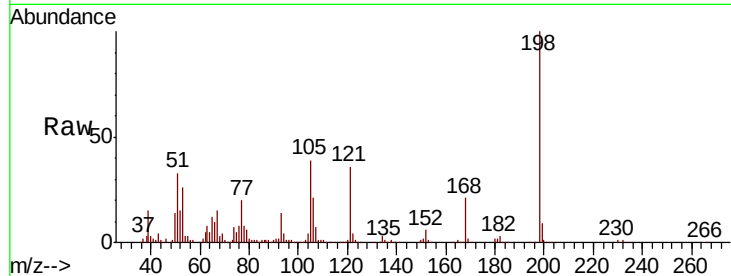
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 223116

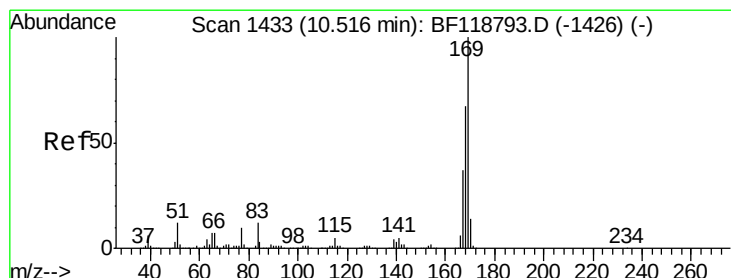
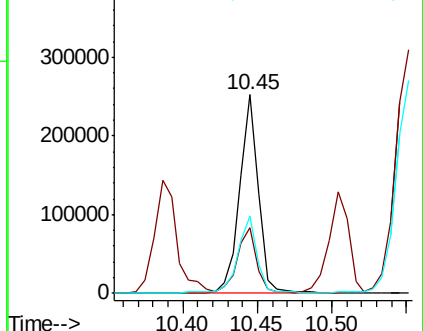
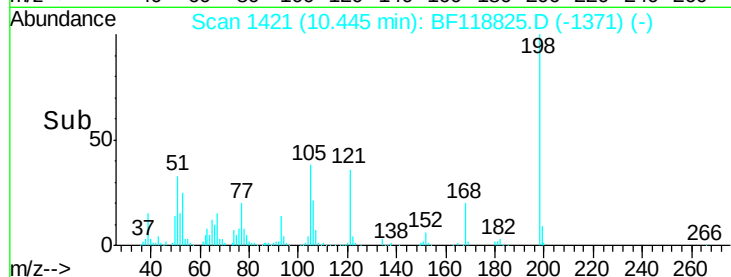
Ion	Ratio	Lower	Upper
198	100		
51	32.9	16.7	56.7
105	38.6	22.0	62.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.767 ng

RT: 10.50 min Scan# 1431

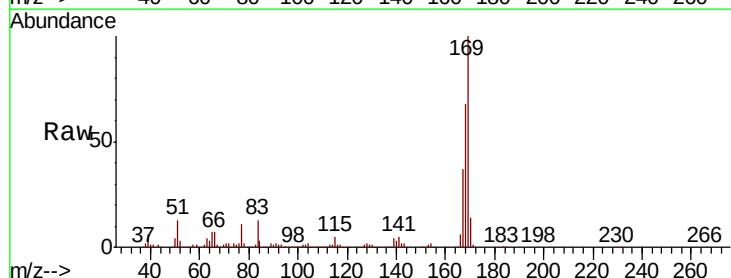
Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Tgt Ion:169 Resp: 1032650

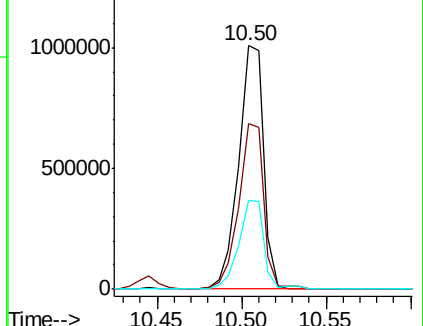
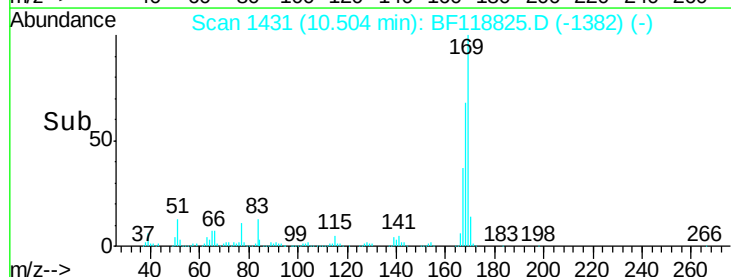
Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.5	80.3
167	36.6	29.3	43.9

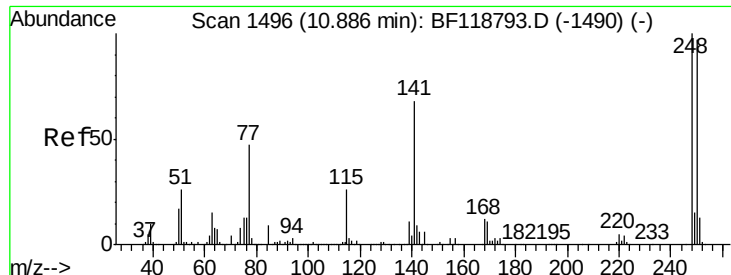


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

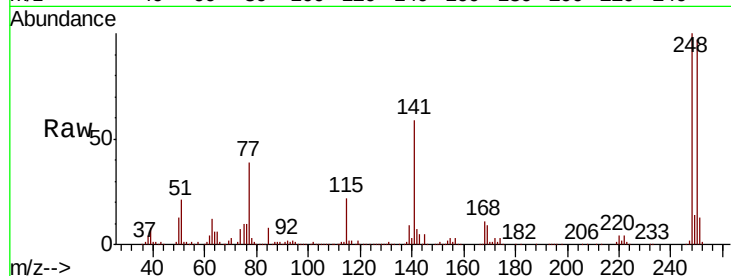




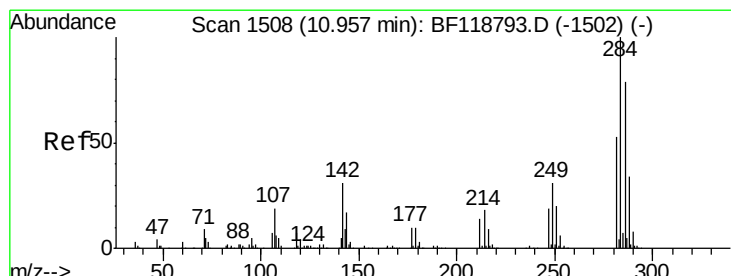
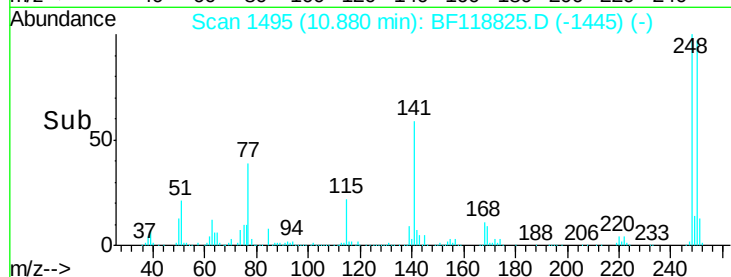
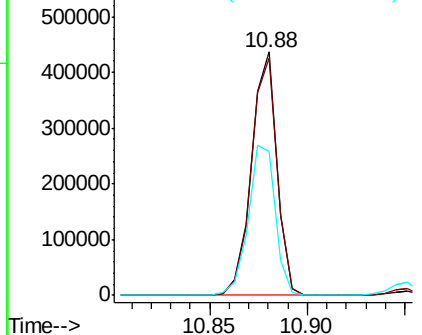
#67
 4-Bromophenyl-phenylether
 Concen: 36.299 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 394878
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.6 116.4
 141 59.0 54.4 81.6

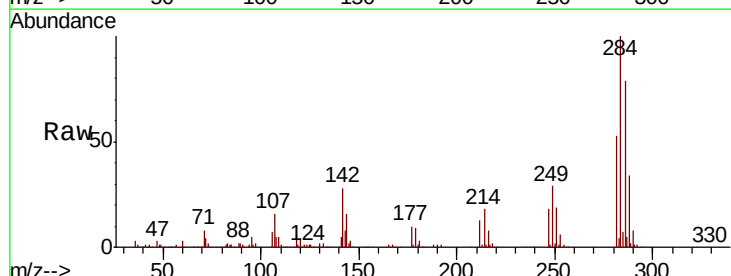


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

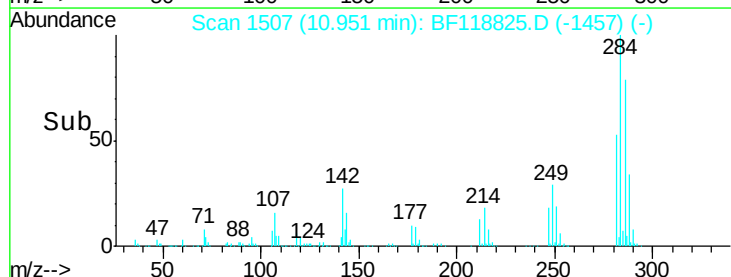
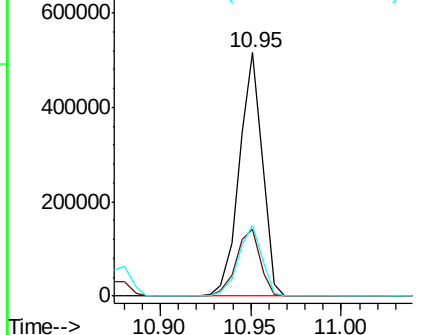


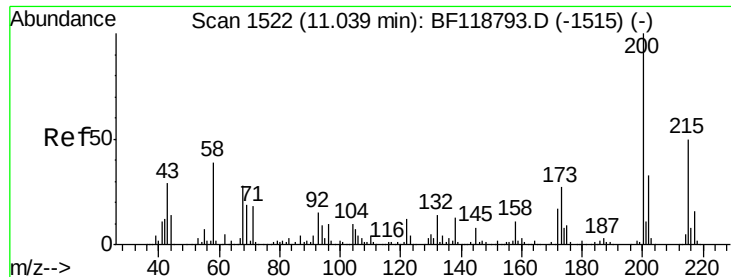
#68
 Hexachlorobenzene
 Concen: 36.433 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion:284 Resp: 454599
 Ion Ratio Lower Upper
 284 100
 142 27.6 24.5 36.7
 249 29.2 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

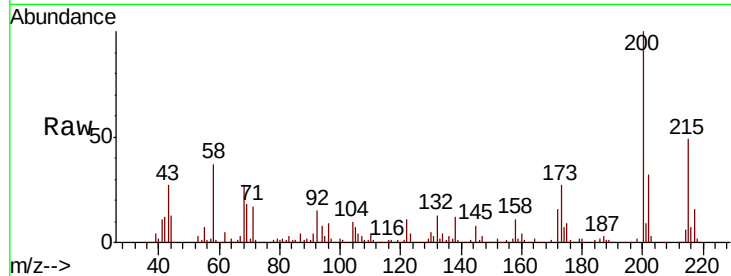




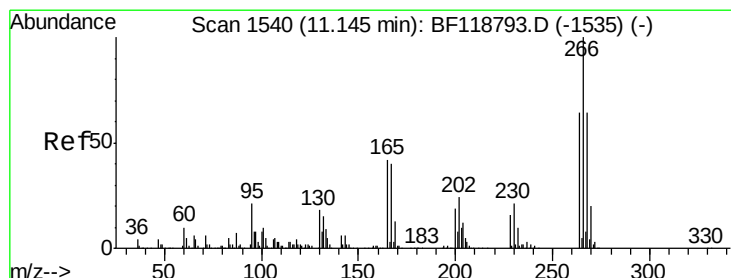
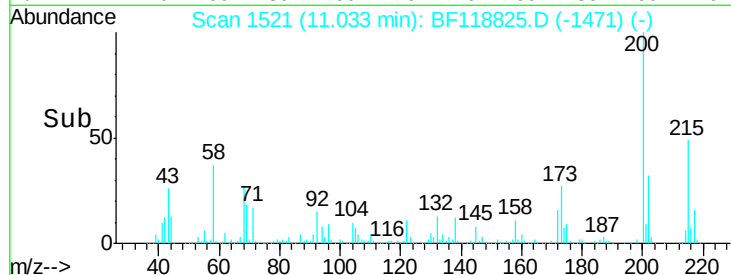
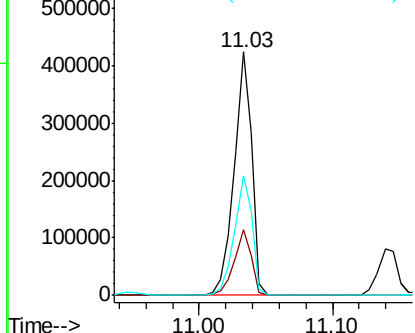
#69
 Atrazine
 Concen: 44.569 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.5	47.5
215	48.9	29.9	69.9

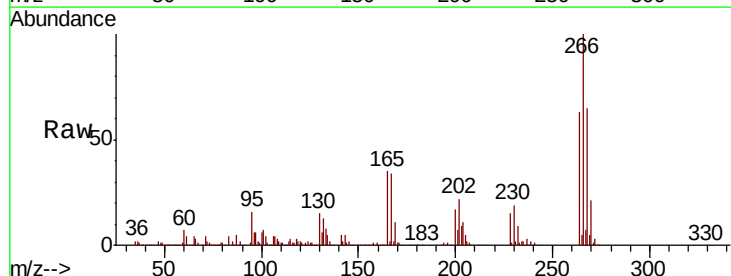


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

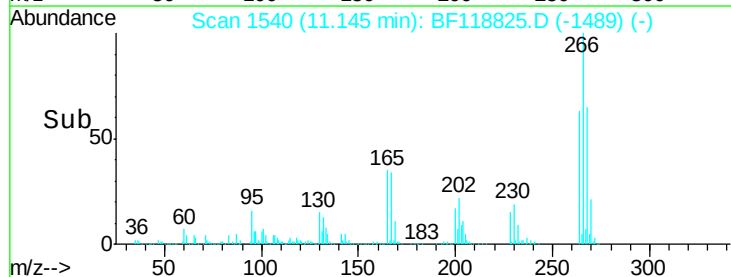
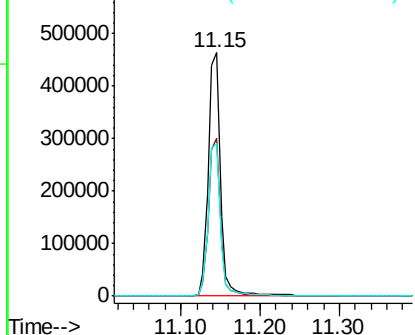


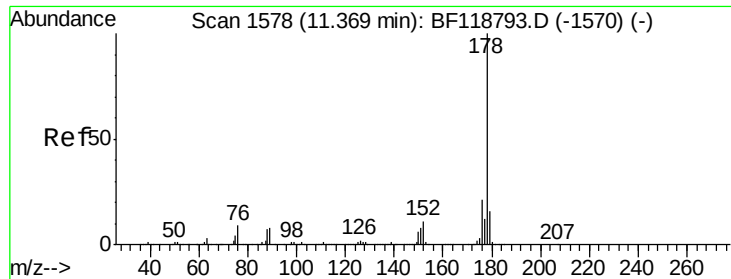
#70
 Pentachlorophenol
 Concen: 76.381 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF118825.D
 Acq: 5 Feb 2020 12:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.0	76.6
264	62.7	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

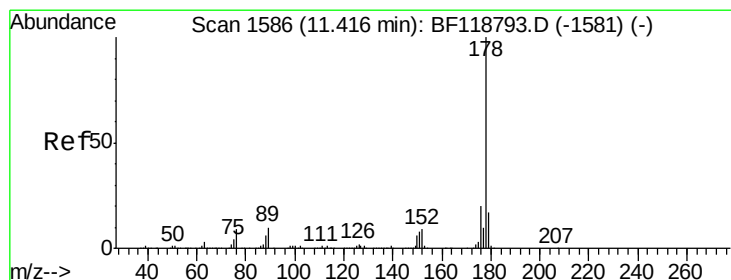
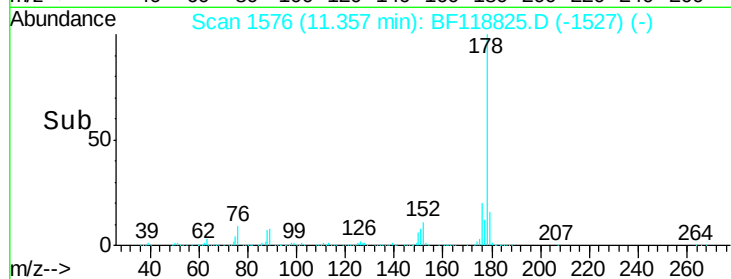
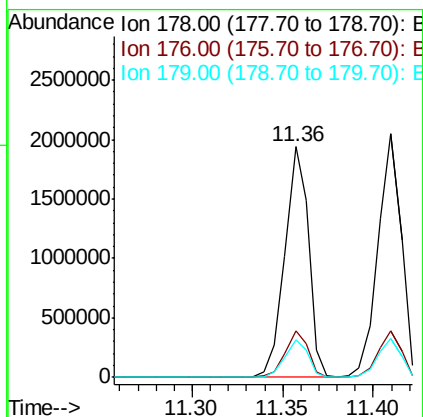
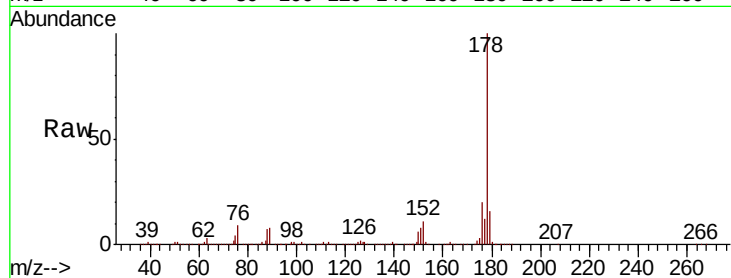




#71
Phenanthrene
Concen: 39.171 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

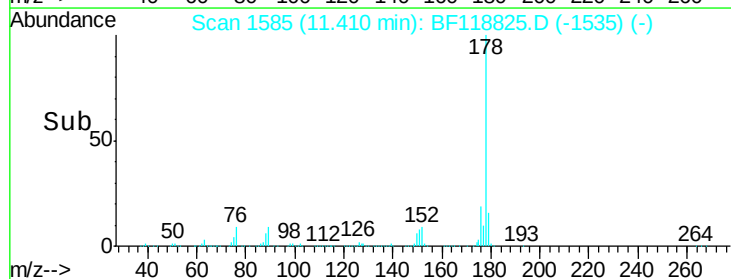
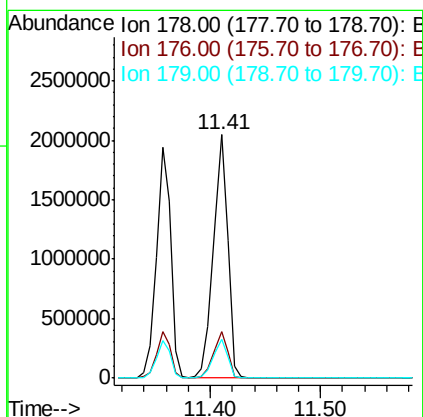
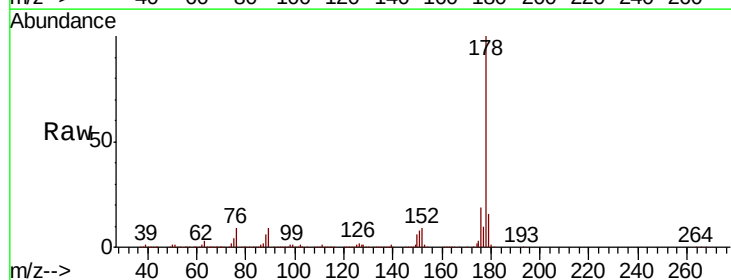
Instrument :
BNA_F
ClientSampleId :

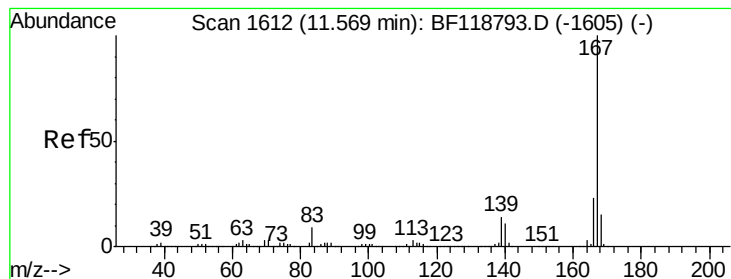
Tot Ion:178 Resp: 1772346
Ion Ratio Lower Upper
178 100
176 20.3 16.6 24.8
179 16.3 13.2 19.8



#72
Anthracene
Concen: 40.706 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:178 Resp: 1832257
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.2
179 16.1 13.4 20.2





#73

Carbazole

Concen: 42.133 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

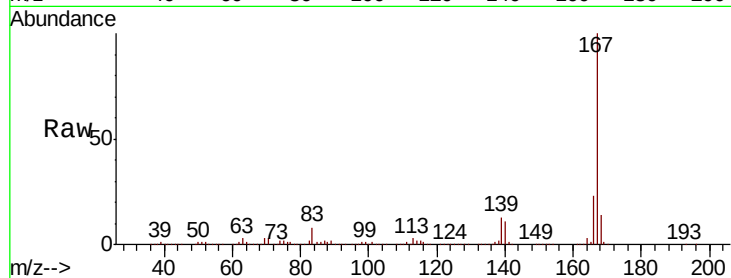
Tot Ion:167 Resp: 1664382

Ion Ratio Lower Upper

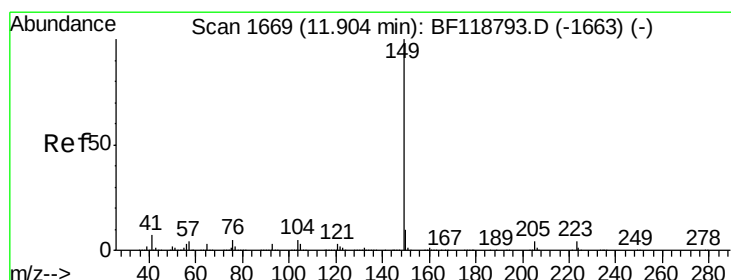
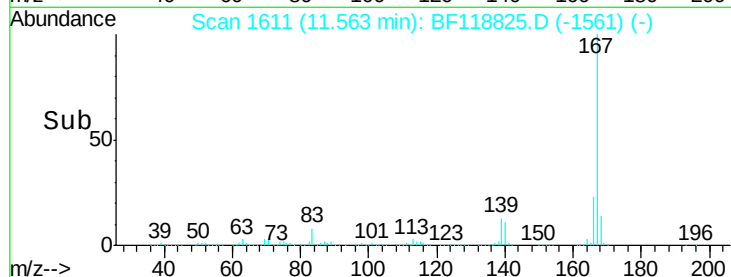
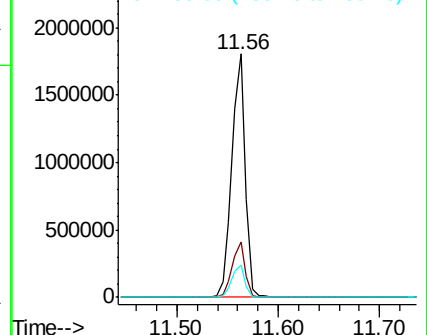
167 100

166 22.8 18.4 27.6

139 13.3 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: 39.112 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

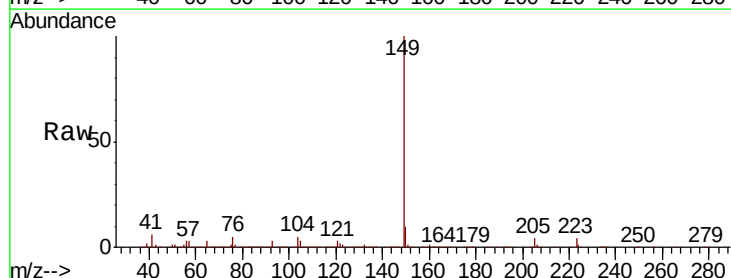
Tgt Ion:149 Resp: 1968169

Ion Ratio Lower Upper

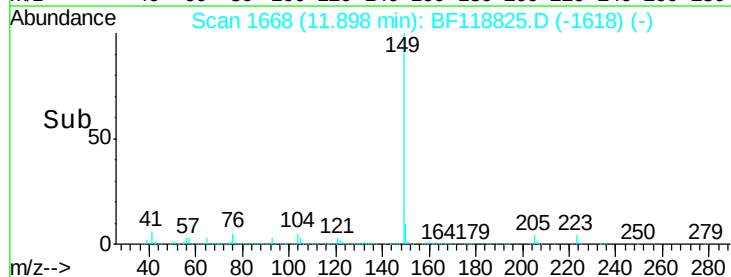
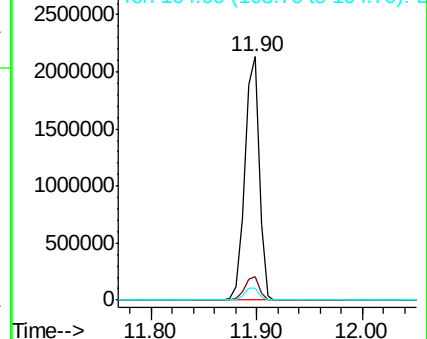
149 100

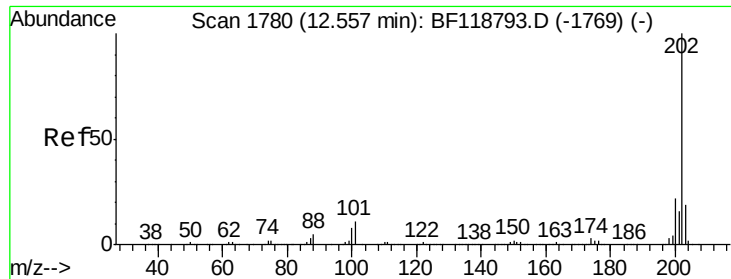
150 9.7 8.1 12.1

104 5.0 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

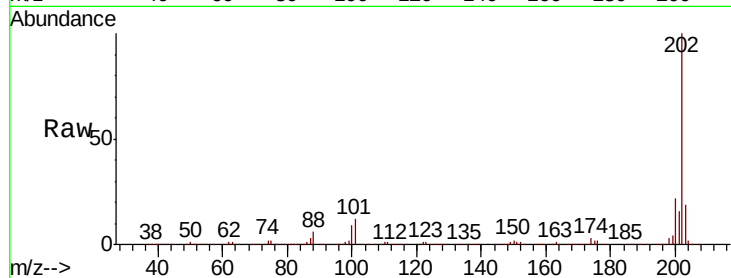




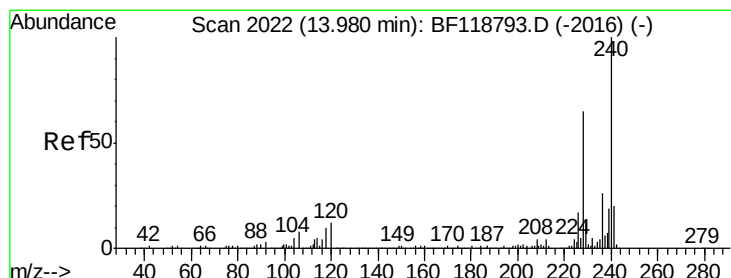
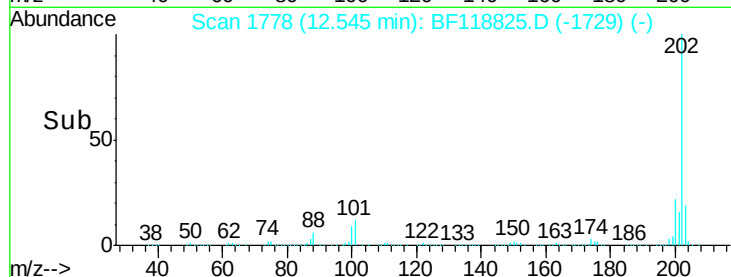
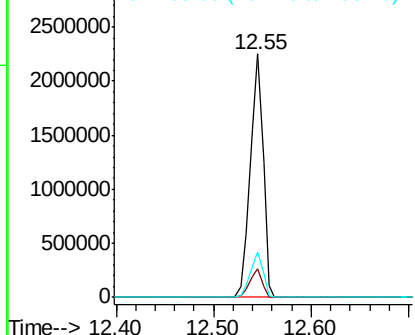
#75
Fluoranthene
Concen: 42.026 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2076131
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.0
203 18.6 0.0 38.7

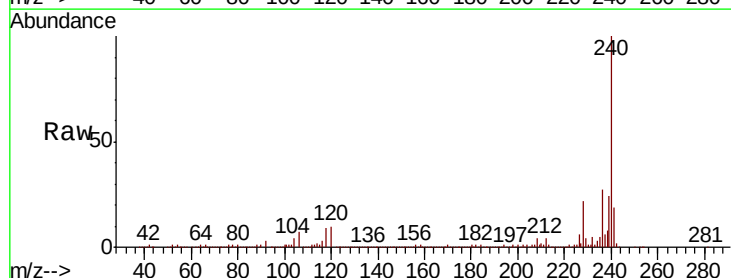


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

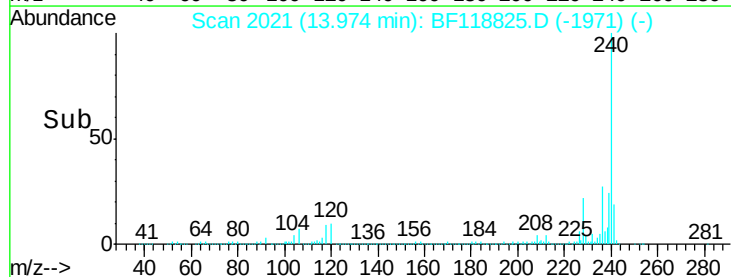
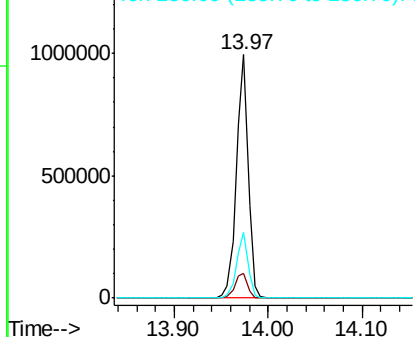


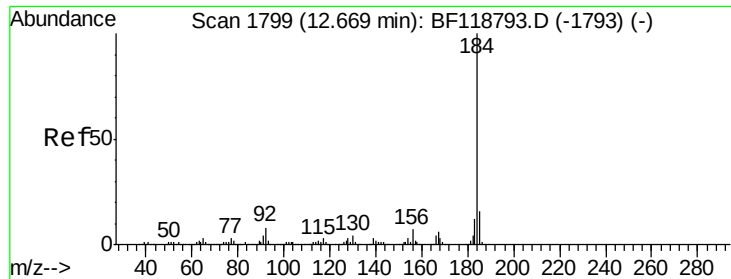
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:240 Resp: 861910
Ion Ratio Lower Upper
240 100
120 10.0 9.4 14.0
236 26.9 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: 34.684 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampled :

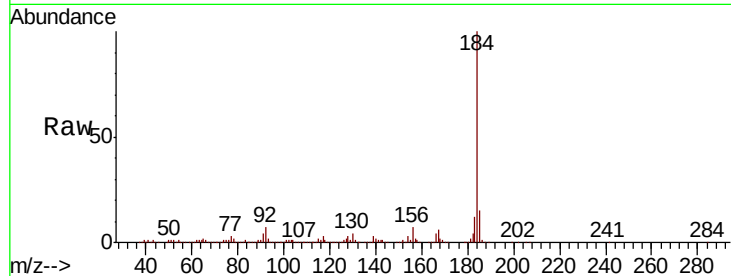
Tot Ion:184 Resp: 904172

Ion Ratio Lower Upper

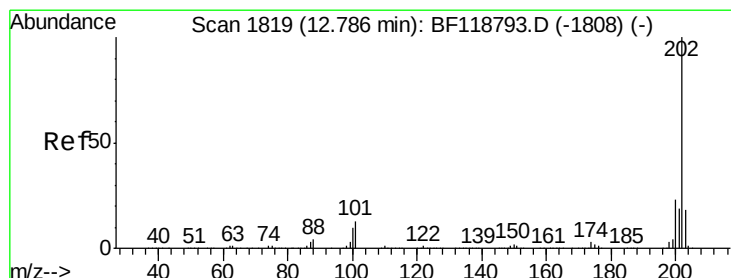
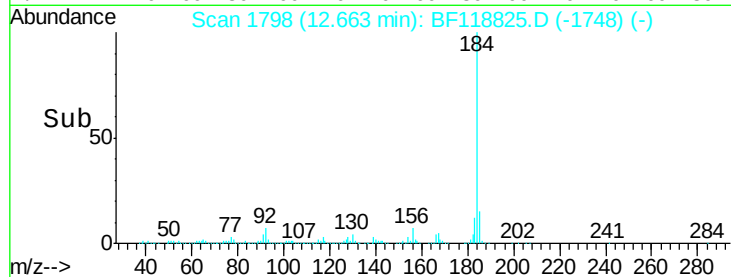
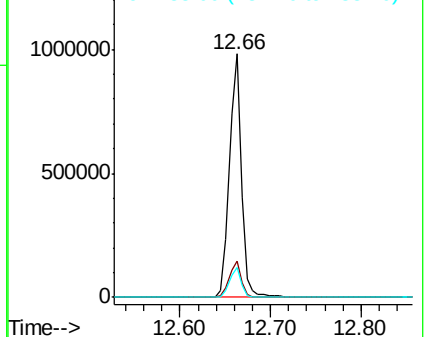
184 100

185 14.7 12.5 18.7

183 12.2 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: 36.115 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

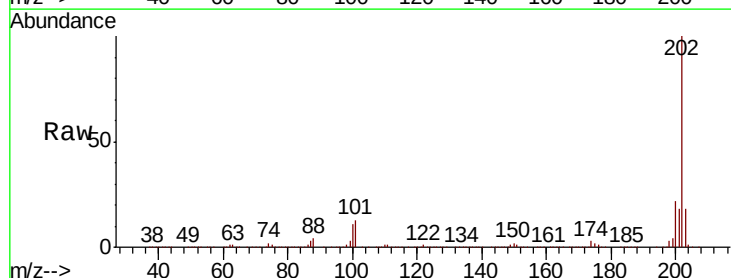
Tgt Ion:202 Resp: 2135481

Ion Ratio Lower Upper

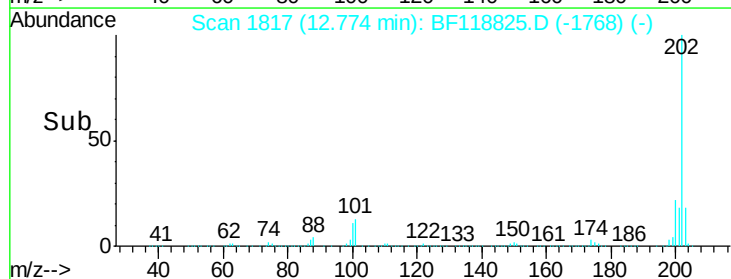
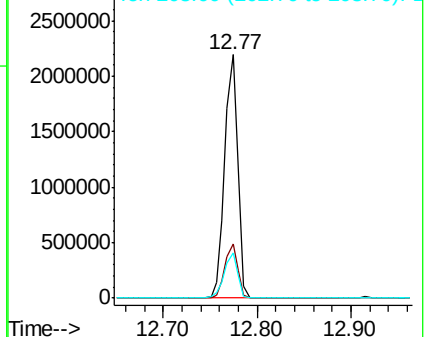
202 100

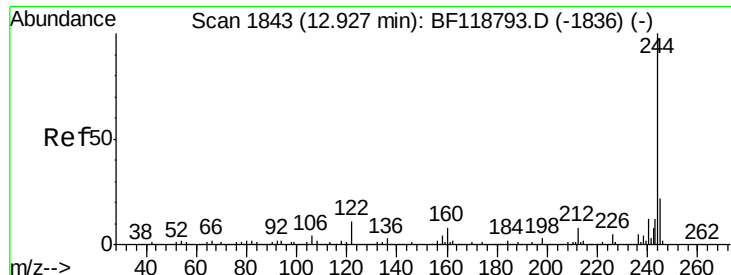
200 22.2 18.2 27.2

203 18.4 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: 63.017 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

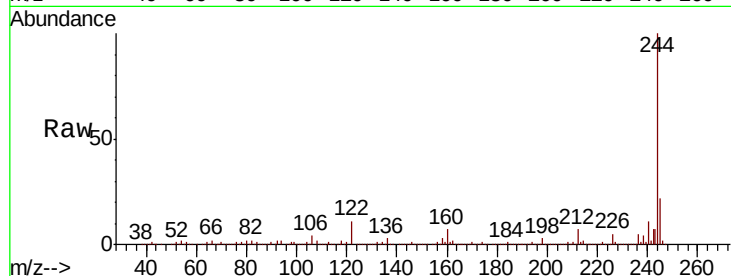
Tot Ion:244 Resp: 2644316

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

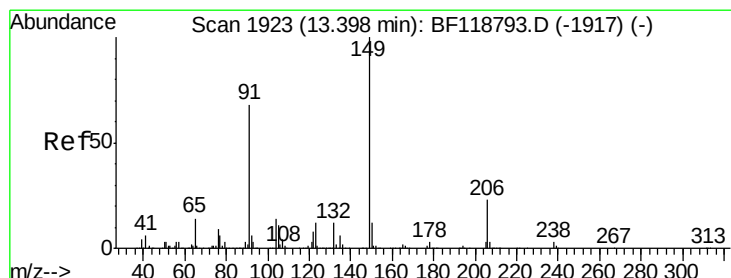
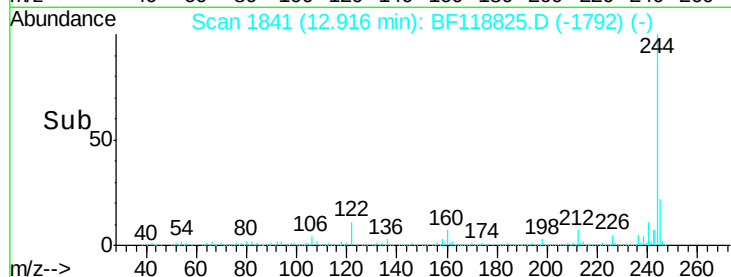
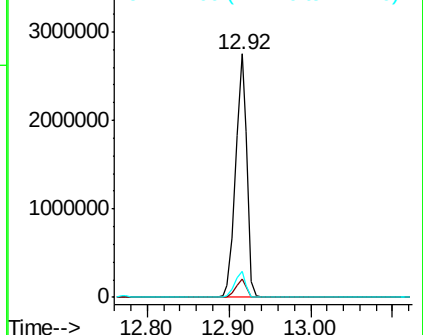
122 10.7 8.9 13.3



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: 35.434 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

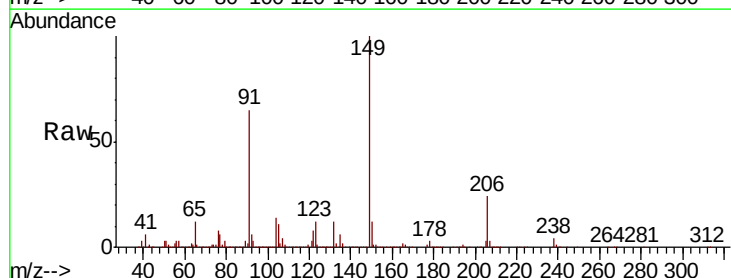
Tgt Ion:149 Resp: 956306

Ion Ratio Lower Upper

149 100

91 65.4 54.7 82.1

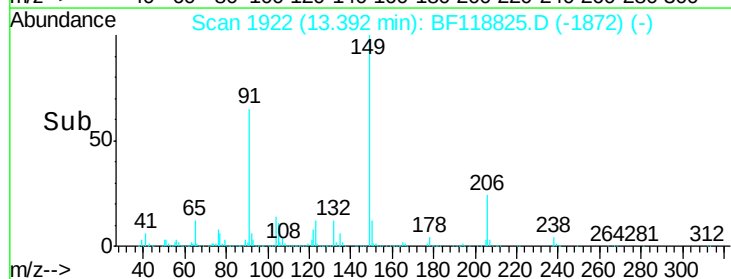
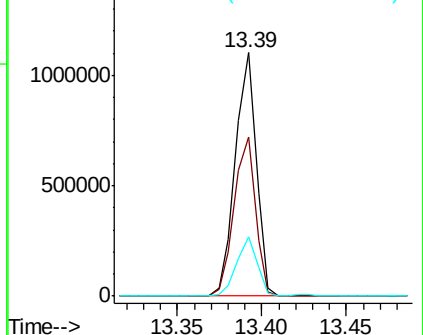
206 24.2 18.5 27.7

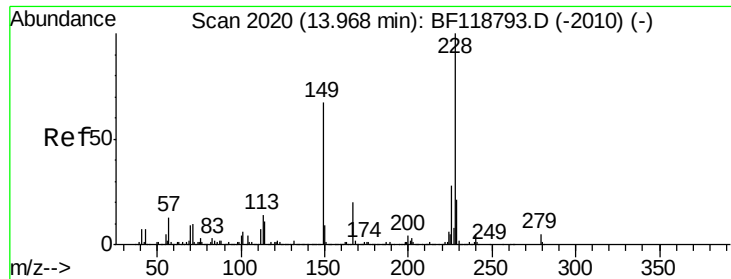


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

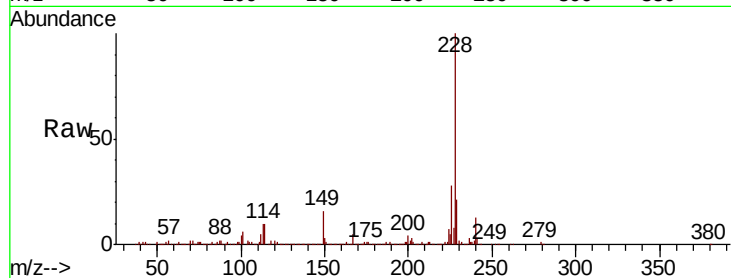




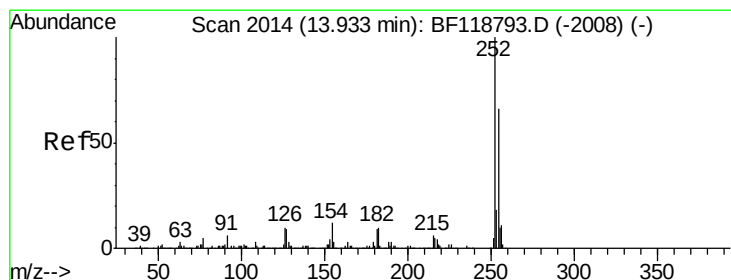
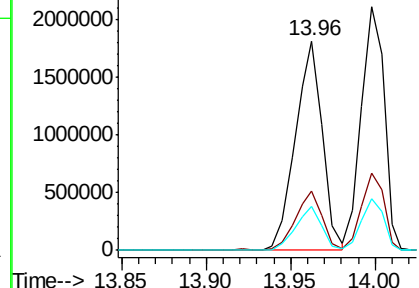
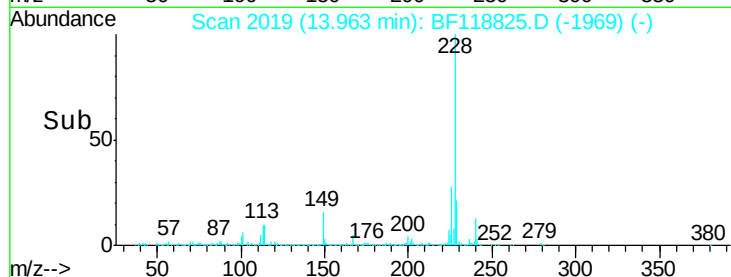
#81
Benzo(a)anthracene
Concen: 39.518 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 2026836
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.7 16.6 25.0

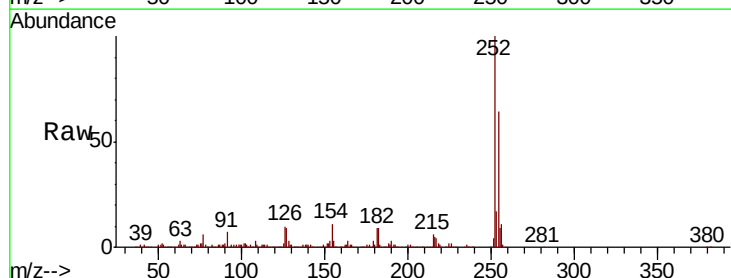


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

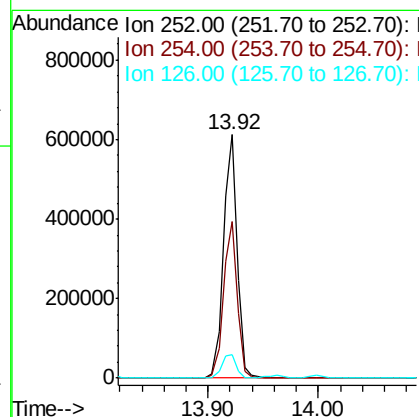
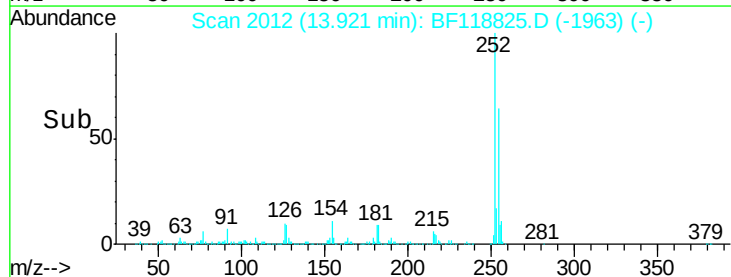


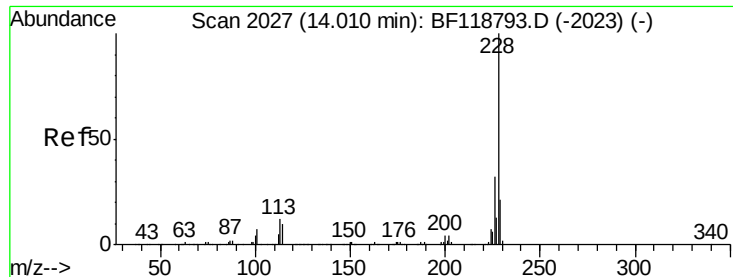
#82
3,3'-Dichlorobenzidine
Concen: 25.138 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:252 Resp: 527311
Ion Ratio Lower Upper
252 100
254 64.3 52.4 78.6
126 9.8 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.005 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

Instrument :

BNA_F

ClientSampleId :

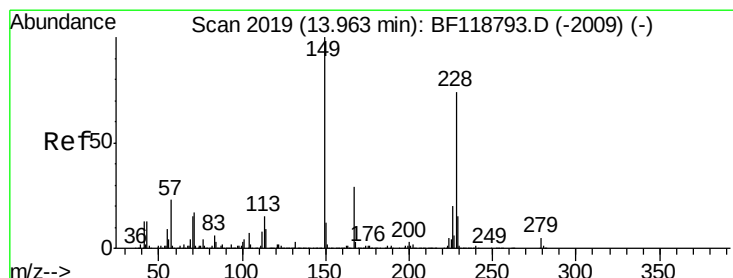
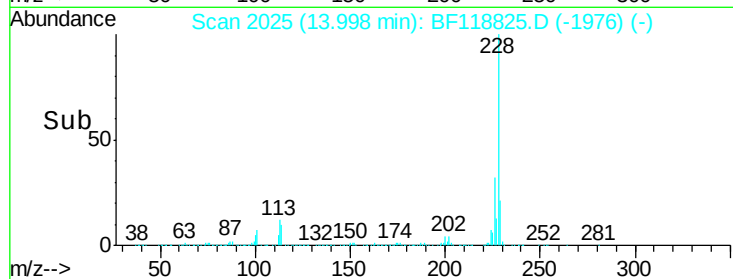
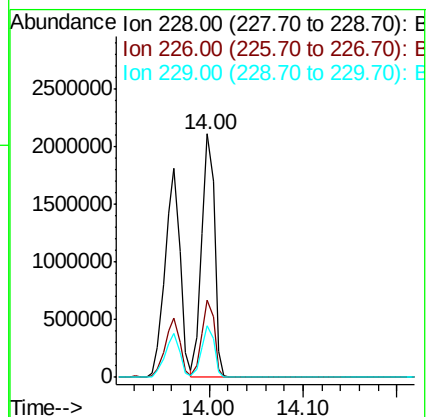
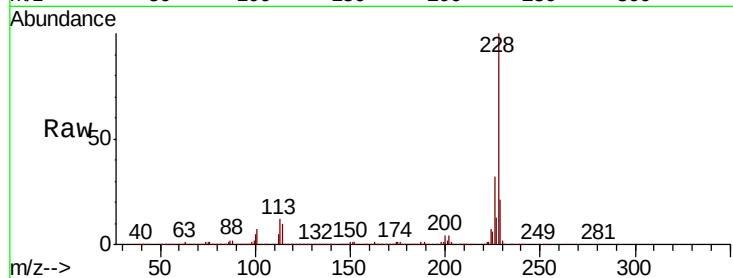
Tot Ion:228 Resp: 2007851

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

229 21.2 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.222 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF118825.D

Acq: 5 Feb 2020 12:45

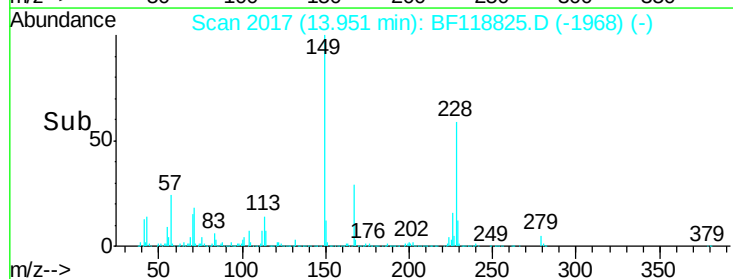
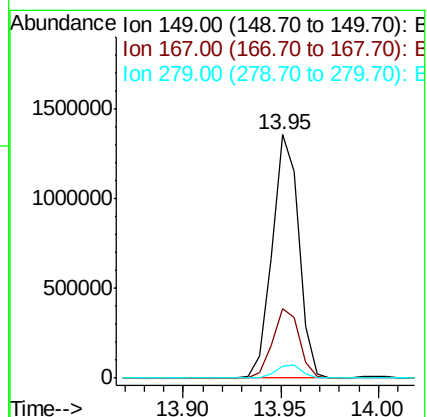
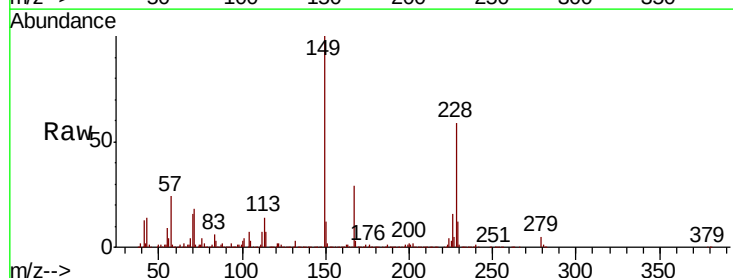
Tgt Ion:149 Resp: 1274499

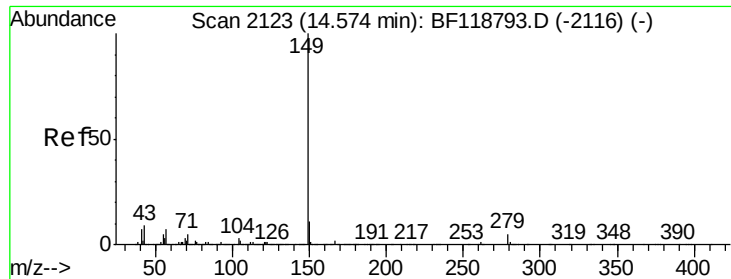
Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.6

279 5.1 4.4 6.6

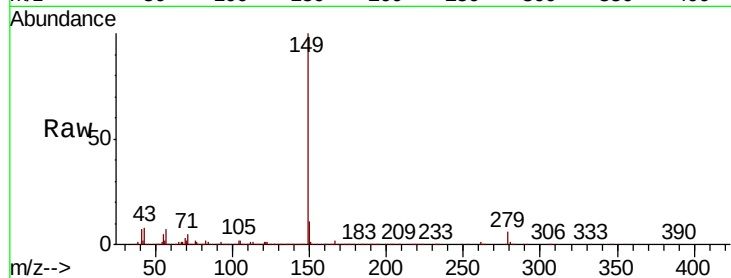




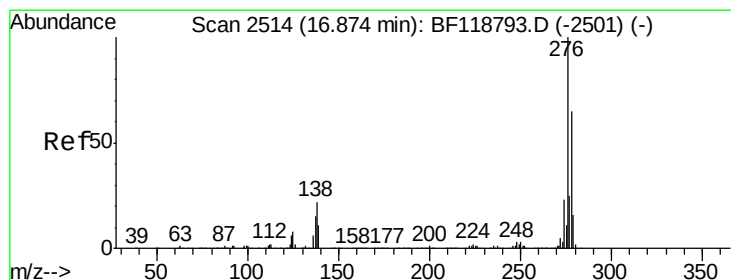
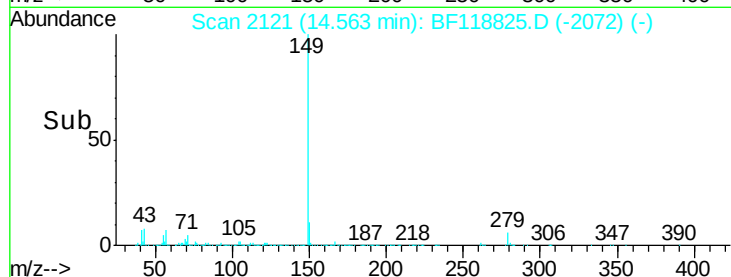
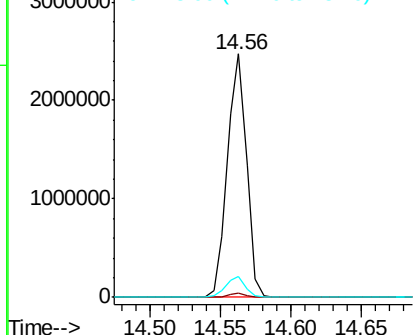
#85
Di-n-octyl phthalate
Concen: 39.636 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2325003
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.2 6.6 10.0

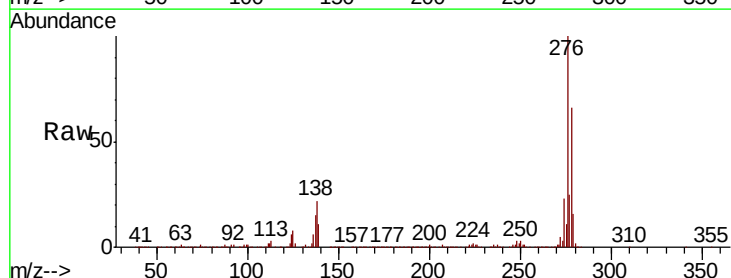


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

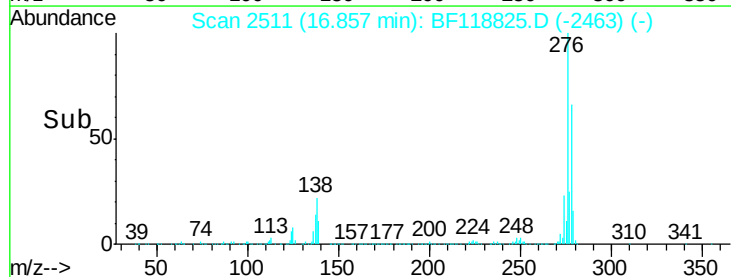
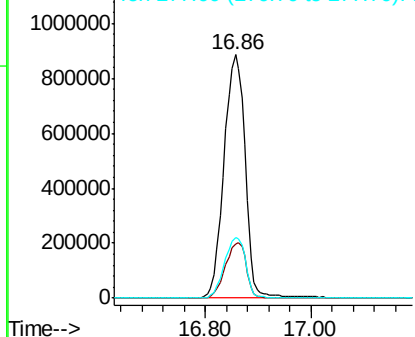


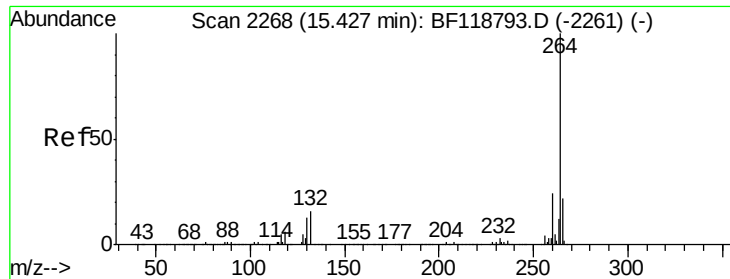
#86
Indeno(1,2,3-cd)pyrene
Concen: 48.061 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:276 Resp: 2485710
Ion Ratio Lower Upper
276 100
138 22.8 18.3 27.5
277 25.3 20.2 30.4



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

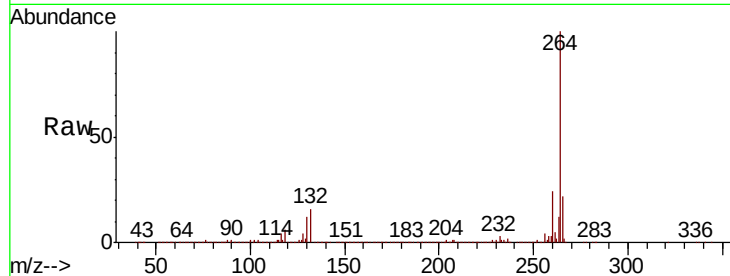




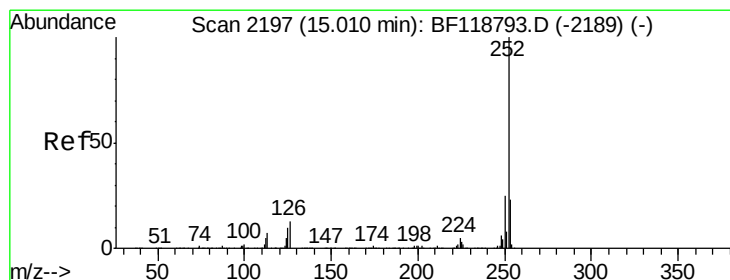
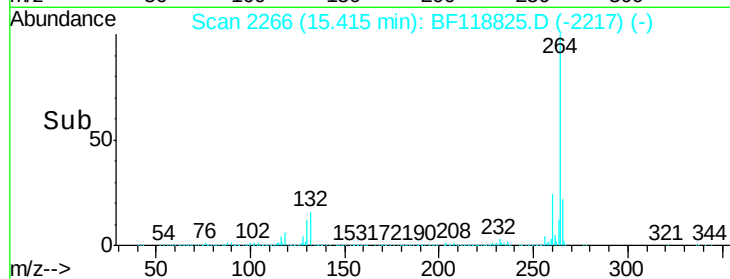
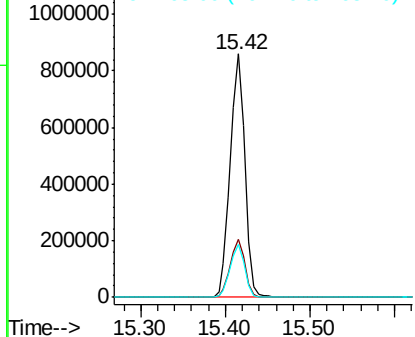
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 1030223
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.5 17.2 25.8

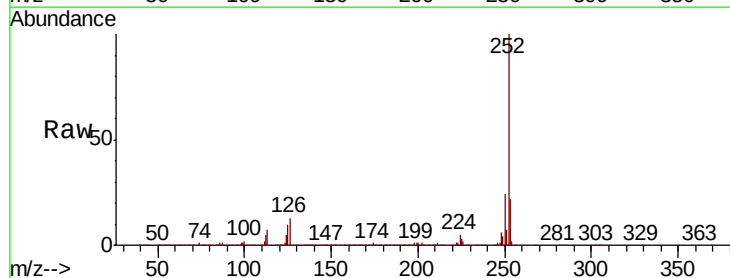


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

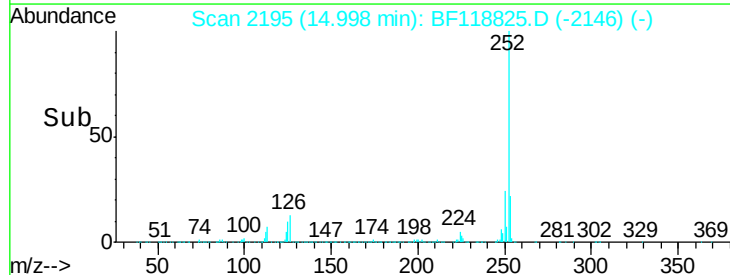
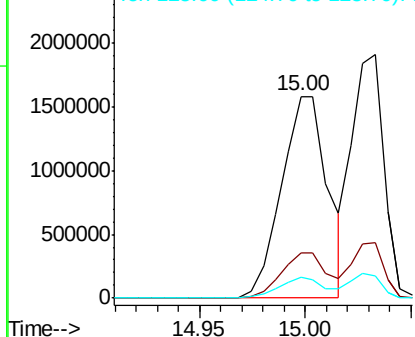


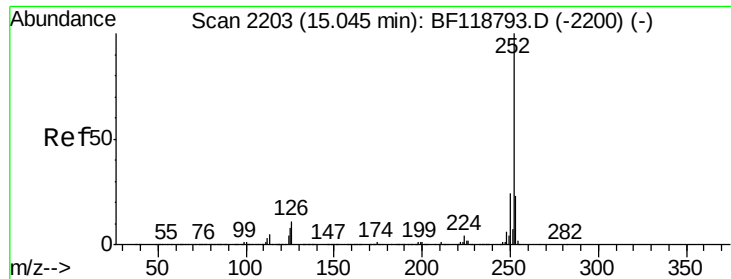
#88
Benzo(b)fluoranthene
Concen: 37.839 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:252 Resp: 2418931
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 10.1 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

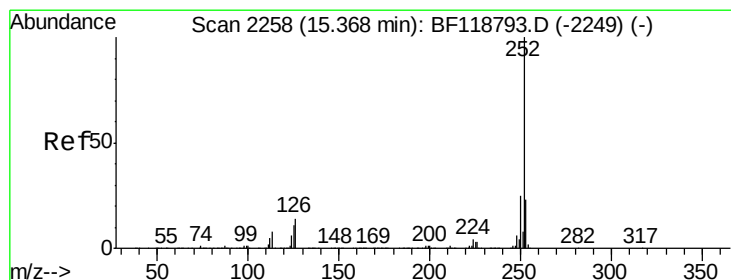
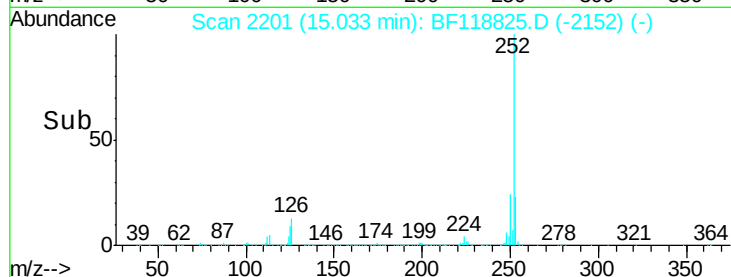
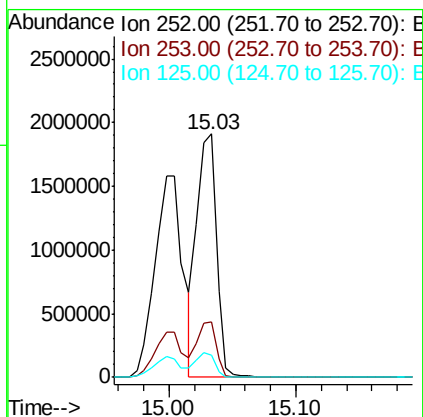
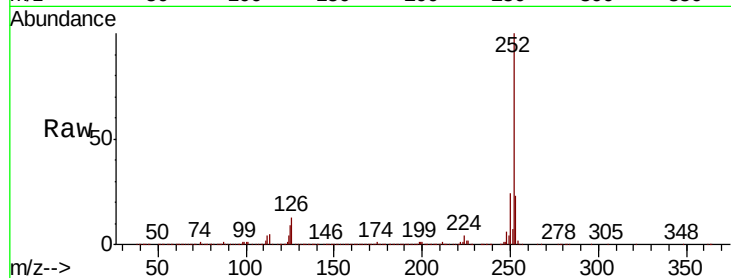




#89
Benzo(k)fluoranthene
Concen: 36.497 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

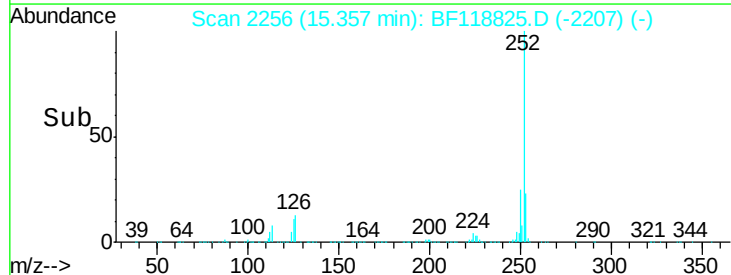
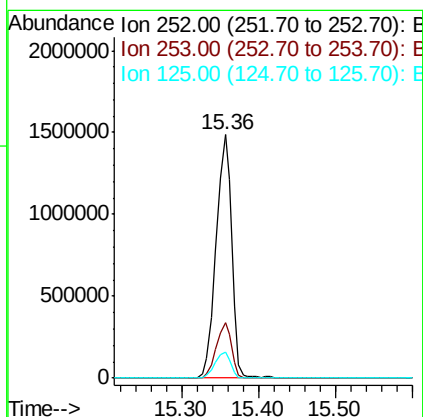
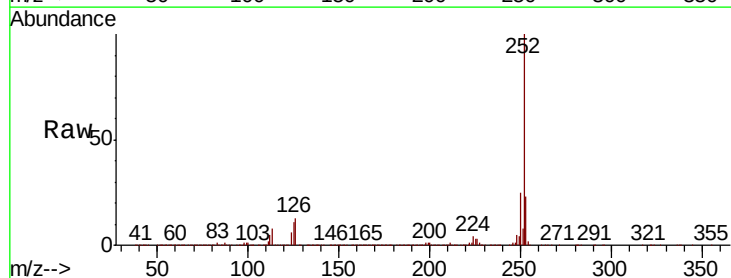
Instrument :
BNA_F
ClientSampled :

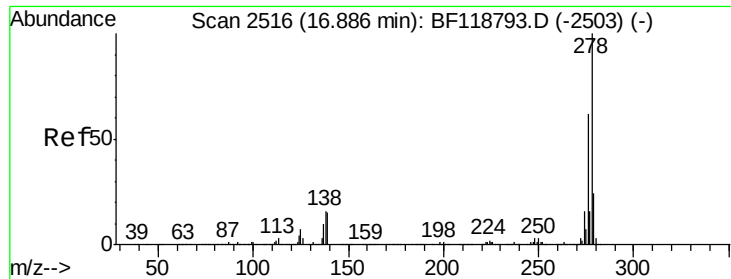
Tot Ion:252 Resp: 2031705
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 9.1 7.0 10.6



#90
Benzo(a)pyrene
Concen: 37.437 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:252 Resp: 2048183
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 10.8 8.7 13.1



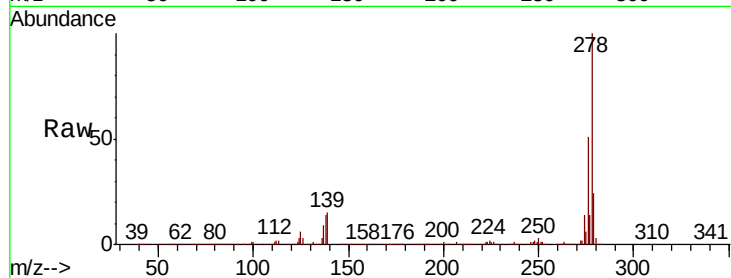


#91
Dibenzo(a,h)anthracene
Concen: 42.449 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

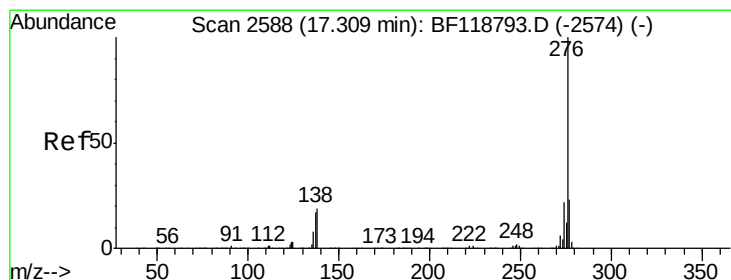
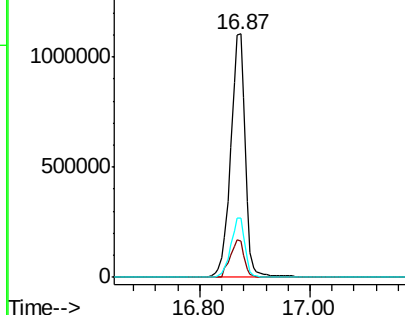
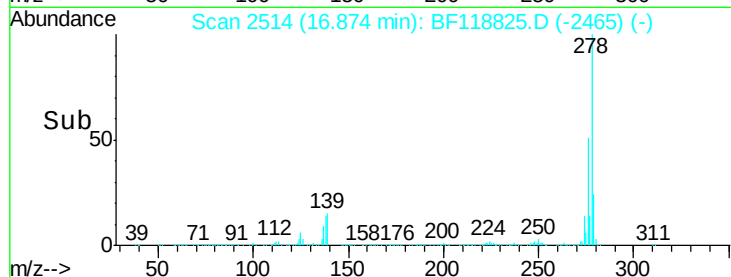
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 2061626

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.3	18.5
279	24.3	19.1	28.7



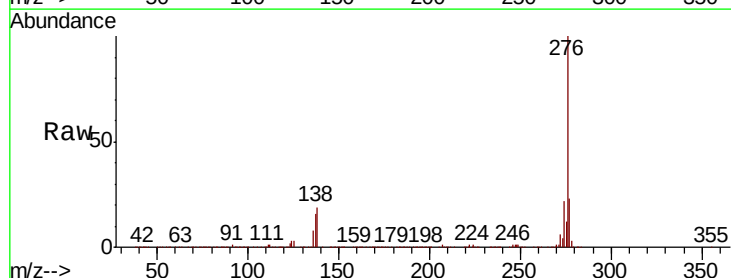
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.956 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BF118825.D
Acq: 5 Feb 2020 12:45

Tgt Ion:276 Resp: 2006381

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	19.2	15.4	23.2



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

