

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118800.D
 Acq On : 4 Feb 2020 13:31
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 16:12:52 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	6.82	152	324723	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1201728	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	690065	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1291365	20.00	ng	0.00
76) Chrysene-d12	13.97	240	1021215	20.00	ng	0.00
87) Perylene-d12	15.41	264	1068939	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1350007	78.70	ng	0.00
7) Phenol-d6	6.45	99	1715514	80.56	ng	0.00
23) Nitrobenzene-d5	7.38	82	1615110	80.11	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	652861	79.07	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3095868	80.20	ng	0.00
79) Terphenyl-d14	12.92	244	3760287	75.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	303664	38.842	ng	100
3) Pyridine	3.29	79	835549	38.489	ng	100
4) n-Nitrosodimethylamine	3.23	42	308811	39.072	ng	94
6) Aniline	6.48	93	1120741	40.863	ng	100
8) 2-Chlorophenol	6.60	128	775776	40.601	ng	99
9) Benzaldehyde	6.36	77	486845	39.435	ng	99
10) Phenol	6.46	94	958416	40.477	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	725667	40.059	ng	99
12) 1,3-Dichlorobenzene	6.76	146	923927	40.624	ng	99
13) 1,4-Dichlorobenzene	6.83	146	924355	40.745	ng	100
14) 1,2-Dichlorobenzene	6.99	146	849035	39.178	ng	99
15) Benzyl Alcohol	6.96	79	676695	41.111	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	906418	40.859	ng	100
17) 2-Methylphenol	7.07	107	646786	40.715	ng	99
18) Hexachloroethane	7.33	117	329300	40.443	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	527430	40.480	ng	99
20) 3+4-Methylphenols	7.22	107	760159	38.176	ng	97
22) Acetophenone	7.23	105	1050067	40.218	ng	98
24) Nitrobenzene	7.40	77	814502	40.440	ng	98
25) Isophorone	7.64	82	1429844	39.461	ng	99
26) 2-Nitrophenol	7.72	139	425207	39.619	ng	95
27) 2,4-Dimethylphenol	7.75	122	587693	40.311	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	941837	40.085	ng	99
29) 2,4-Dichlorophenol	7.96	162	697041	39.923	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	815770	39.974	ng	100
31) Naphthalene	8.12	128	2199927	40.026	ng	100
32) Benzoic acid	7.88	122	489241	40.531	ng	100
33) 4-Chloroaniline	8.17	127	976481	39.711	ng	98
34) Hexachlorobutadiene	8.25	225	498441	39.866	ng	97
35) Caprolactam	8.54	113	227089	40.122	ng	100
36) 4-Chloro-3-methylphenol	8.65	107	712161	40.531	ng	97
37) 2-Methylnaphthalene	8.81	142	1551920	40.713	ng	99
38) 1-Methylnaphthalene	8.91	142	1461005	40.743	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	822773	39.506	ng	99

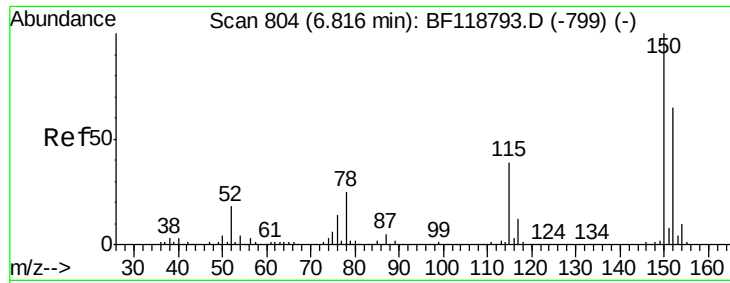
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118800.D
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 Operator : CG/JU
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Quant Time: Feb 04 16:12:52 2020
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 Quant Title : 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	326951	40.036	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	551736	39.616	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	570157	40.067	ng	98
46) 1,1'-Biphenyl	9.27	154	1920543	40.234	ng	99
47) 2-Chloronaphthalene	9.30	162	1575191	39.694	ng	100
48) 2-Nitroaniline	9.39	65	458751	40.081	ng	95
49) Acenaphthylene	9.72	152	2289575	39.959	ng	99
50) Dimethylphthalate	9.58	163	1867167	39.738	ng	99
51) 2,6-Dinitrotoluene	9.63	165	430834	40.073	ng	96
52) Acenaphthene	9.89	154	1500020	39.728	ng	99
53) 3-Nitroaniline	9.80	138	477864	40.078	ng	97
54) 2,4-Dinitrophenol	9.91	184	196016	37.926	ng	# 88
55) Dibenzofuran	10.06	168	2116708	38.792	ng	100
56) 4-Nitrophenol	9.96	139	350802	40.652	ng	100
57) 2,4-Dinitrotoluene	10.04	165	577449	40.586	ng	97
58) Fluorene	10.40	166	1574649	38.359	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	503981	40.554	ng	100
60) Diethylphthalate	10.27	149	1817108	39.771	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	851994	38.271	ng	99
62) 4-Nitroaniline	10.42	138	481245	40.305	ng	99
63) Azobenzene	10.55	77	1563103	40.073	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	288250	39.724	ng	97
66) n-Nitrosodiphenylamine	10.51	169	1495079	39.969	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	608441	39.829	ng	98
68) Hexachlorobenzene	10.95	284	698376	39.857	ng	99
69) Atrazine	11.03	200	488915	39.232	ng	99
70) Pentachlorophenol	11.14	266	368537	39.834	ng	100
71) Phenanthrene	11.36	178	2462894	38.763	ng	99
72) Anthracene	11.41	178	2473937	39.139	ng	99
73) Carbazole	11.56	167	2255967	40.669	ng	99
74) Di-n-butylphthalate	11.90	149	2716612	38.444	ng	100
75) Fluoranthene	12.54	202	2729211	39.342	ng	98
77) Benzidine	12.66	184	1280869	41.469	ng	100
78) Pyrene	12.77	202	2744985	39.182	ng	99
80) Butylbenzylphthalate	13.39	149	1252957	39.184	ng	97
81) Benzo(a)anthracene	13.96	228	2409483	39.650	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	1012153	40.724	ng	100
83) Chrysene	14.00	228	2450999	40.187	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1589617	39.183	ng	99
85) Di-n-octyl phthalate	14.56	149	2761657	39.736	ng	100
86) Indeno(1,2,3-cd)pyrene	16.84	276	2382841	38.885	ng	100
88) Benzo(b)fluoranthene	15.00	252	2567506	38.708	ng	99
89) Benzo(k)fluoranthene	15.03	252	2473270	42.820	ng	98
90) Benzo(a)pyrene	15.36	252	2259684	39.807	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	1947998	38.656	ng	99
92) Benzo(g,h,i)perylene	17.28	276	1850804	38.190	ng	99

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

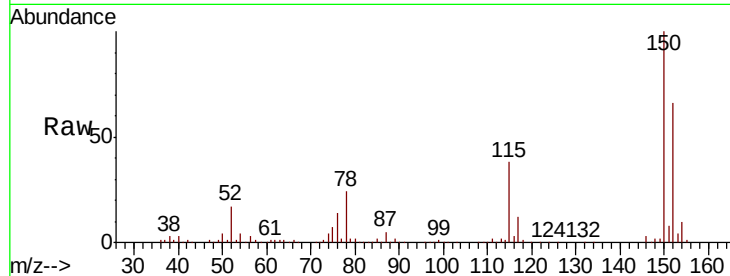


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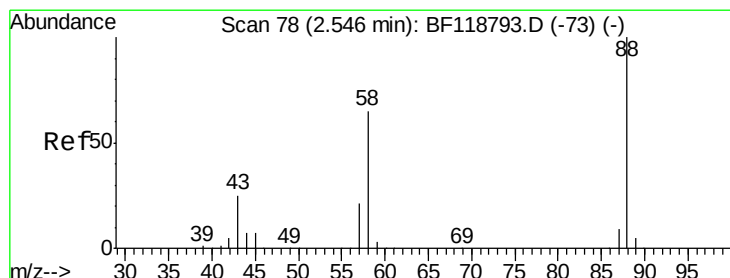
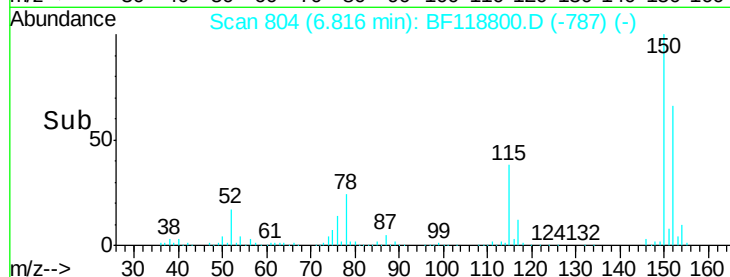
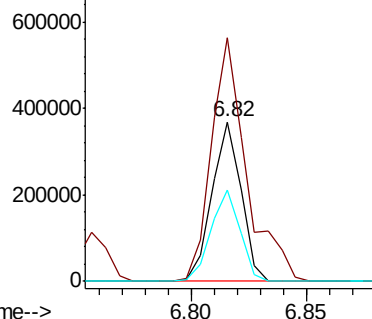
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 324723
Ion Ratio Lower Upper
152 100
150 152.5 123.6 185.4
115 57.2 48.2 72.2



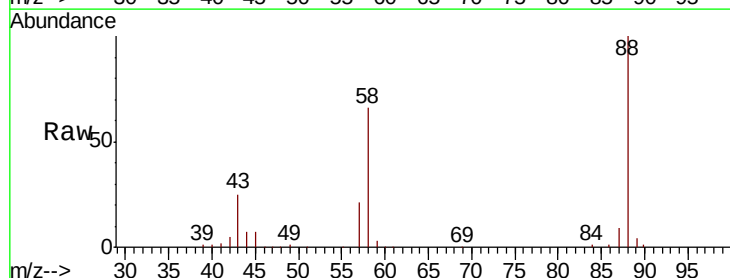
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



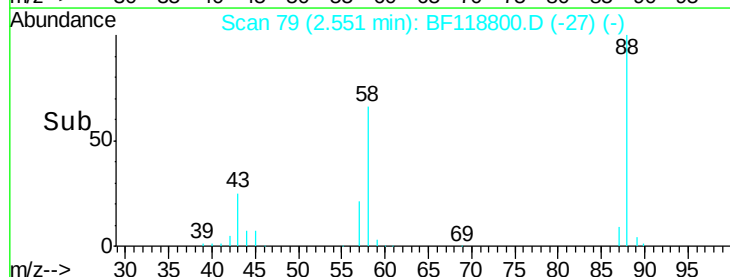
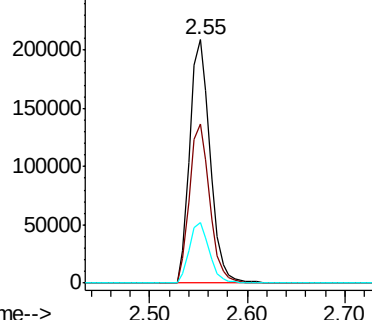
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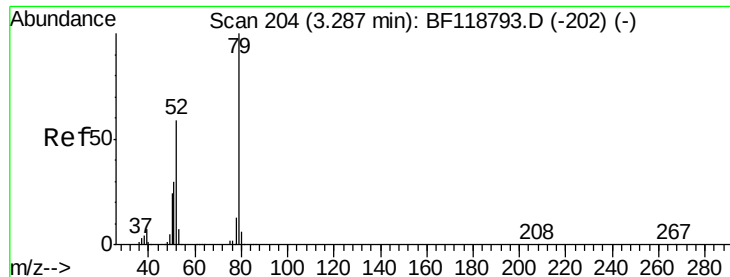
1,4-Dioxane
Concen: 38.842 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion: 88 Resp: 303664
Ion Ratio Lower Upper
88 100
58 64.6 51.6 77.4
43 24.4 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: 38.489 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampled :

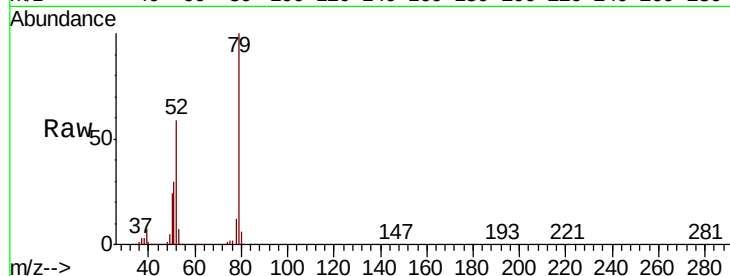
Tot Ion: 79 Resp: 835549

Ion Ratio Lower Upper

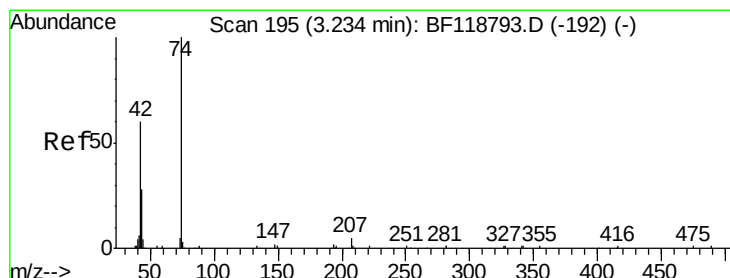
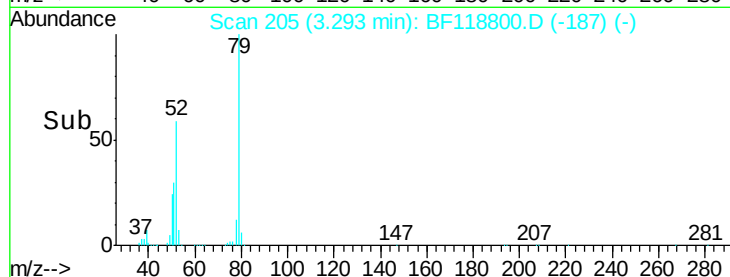
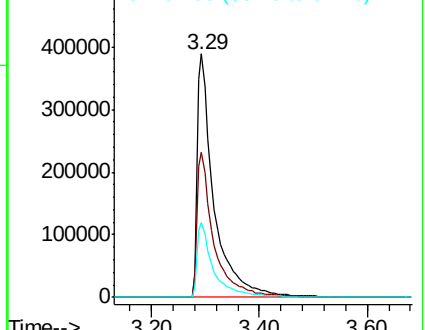
79 100

52 59.3 47.4 71.0

51 30.4 24.2 36.4



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



#4

n-Nitrosodimethylamine

Concen: 39.072 ng

RT: 3.23 min Scan# 195

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

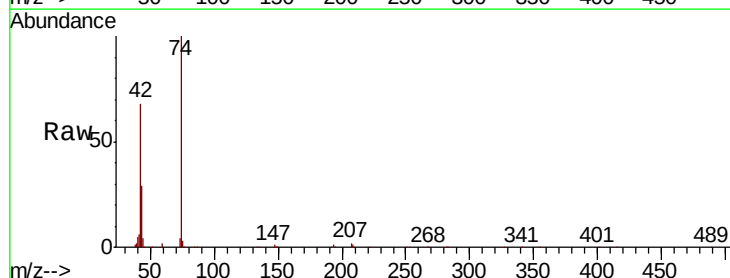
Tgt Ion: 42 Resp: 308811

Ion Ratio Lower Upper

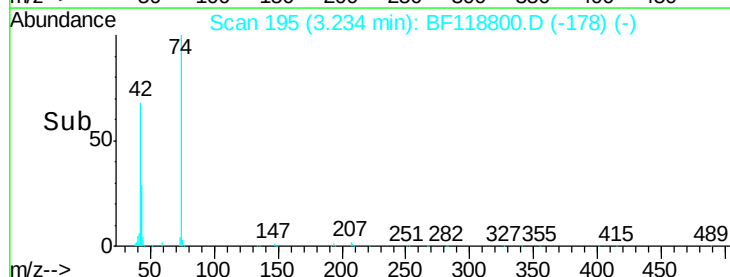
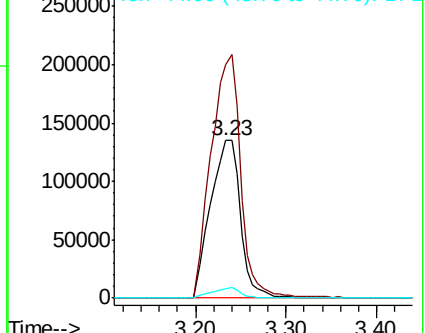
42 100

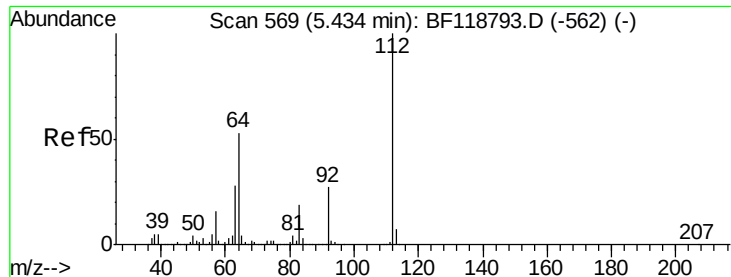
74 147.9 124.3 186.5

44 5.8 5.3 7.9



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

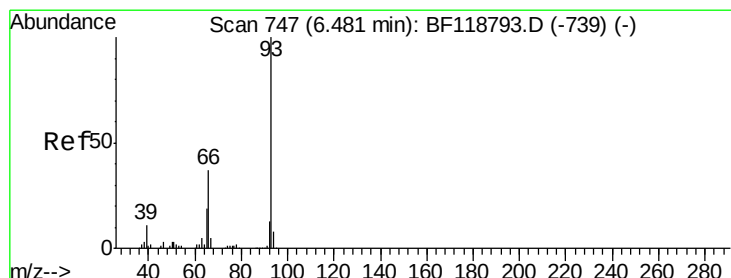
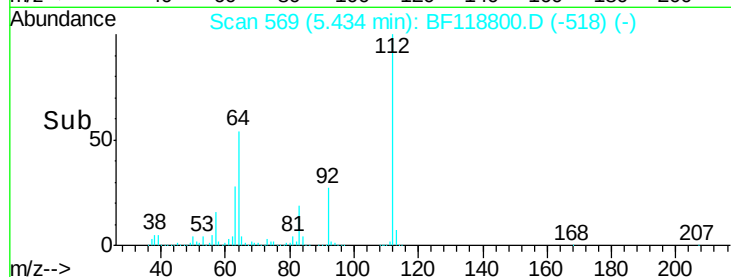
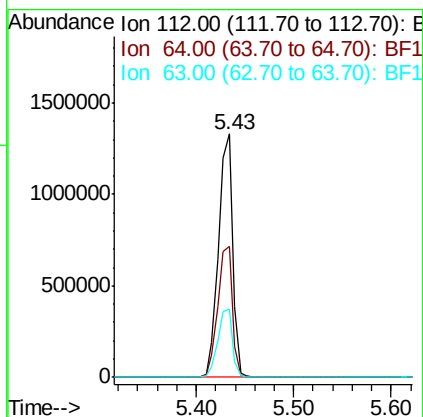
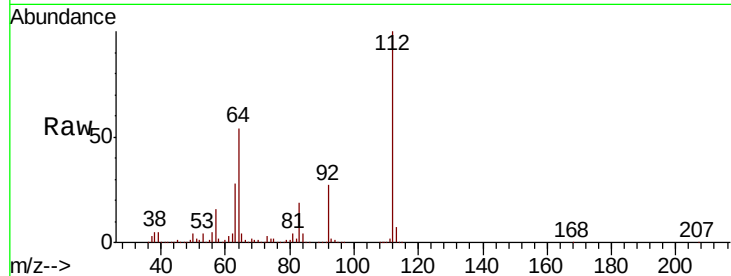




#5
2-Fluorophenol
Concen: 78.697 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

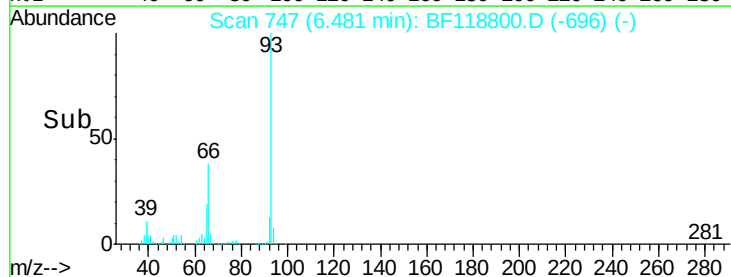
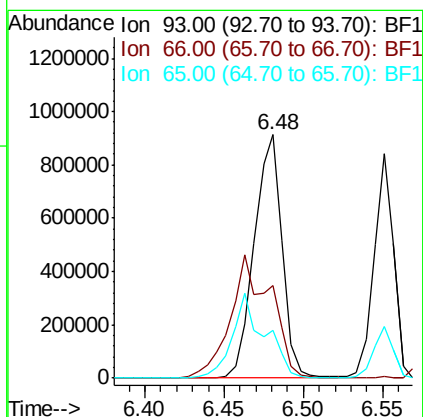
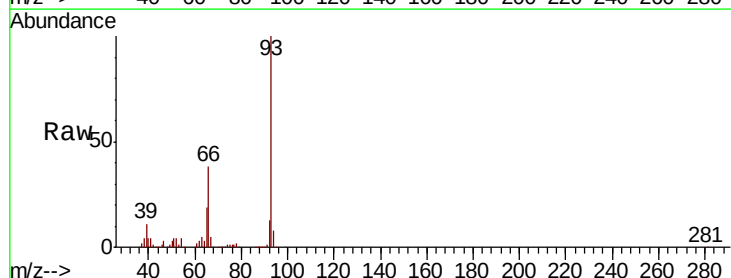
Instrument :
BNA_F
ClientSampleId :

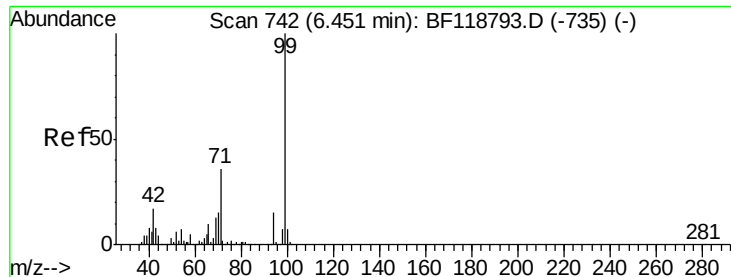
Tot Ion:112 Resp: 1350007
Ion Ratio Lower Upper
112 100
64 53.6 42.6 63.8
63 28.2 22.2 33.4



#6
Aniline
Concen: 40.863 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion: 93 Resp: 1120741
Ion Ratio Lower Upper
93 100
66 38.2 30.8 46.2
65 19.4 15.4 23.0





#7

Phenol-d6

Concen: 80.560 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

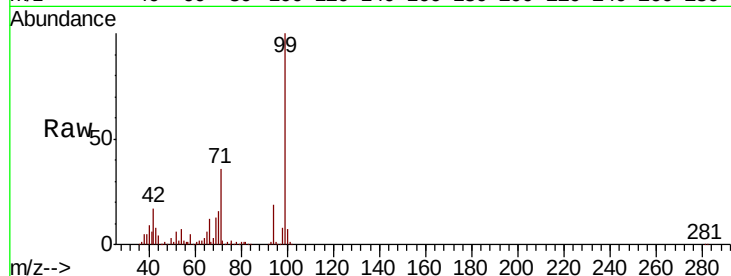
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1715514

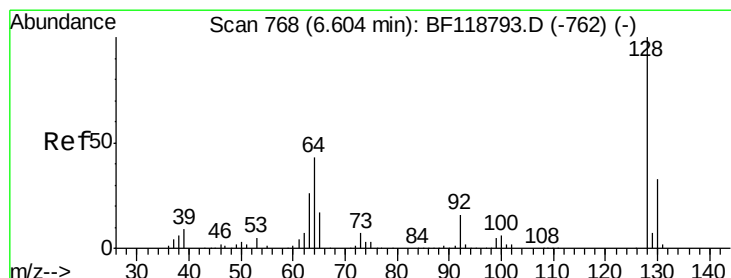
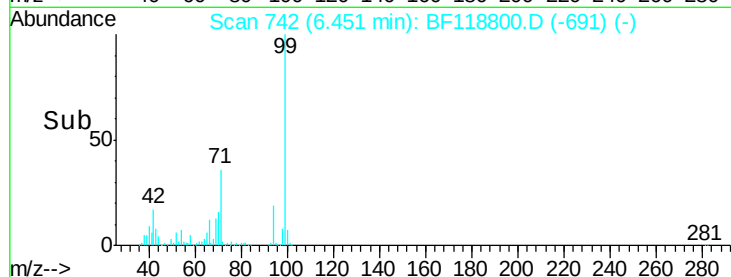
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.0
71	36.1	29.0	43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.601 ng

RT: 6.60 min Scan# 768

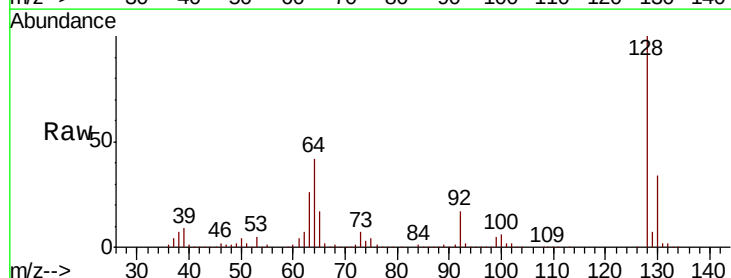
Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Tgt Ion: 128 Resp: 775776

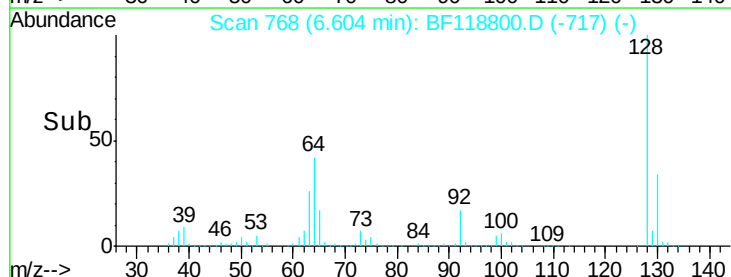
Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.1	53.1
64	41.9	23.0	63.0

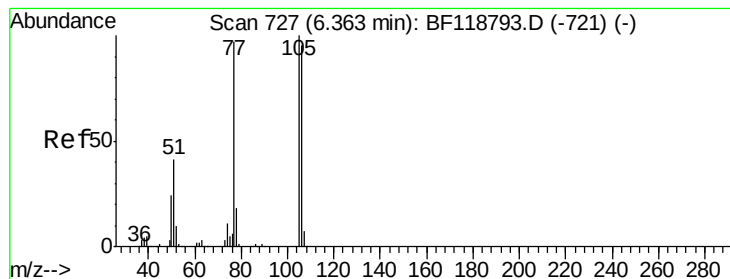


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.435 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

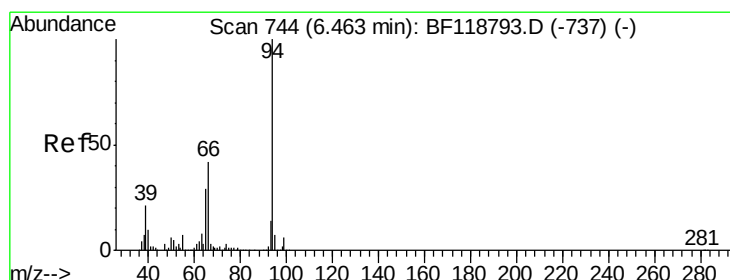
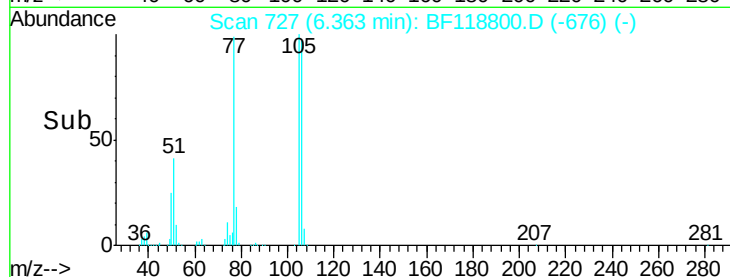
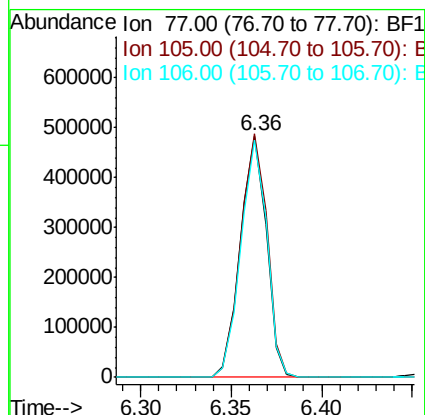
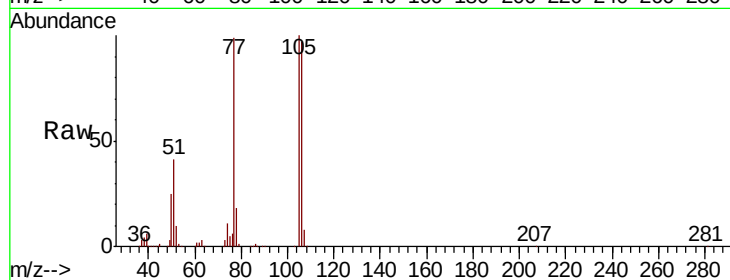
Tot Ion: 77 Resp: 486845

Ion Ratio Lower Upper

77 100

105 100.9 82.8 122.8

106 98.1 78.1 118.1



#10

Phenol

Concen: 40.477 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

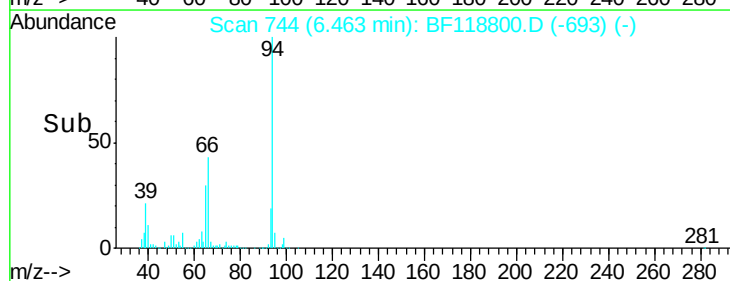
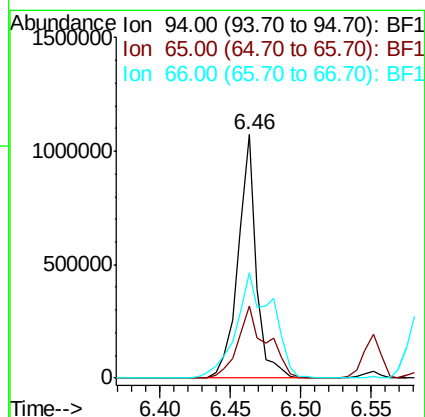
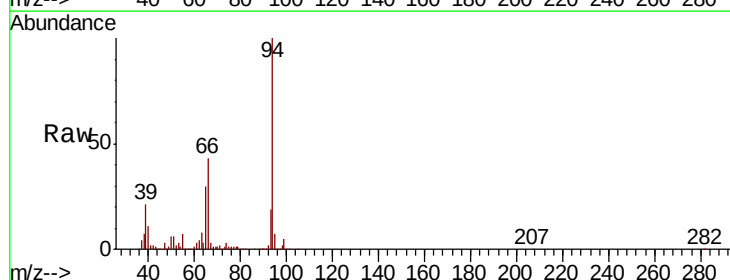
Tgt Ion: 94 Resp: 958416

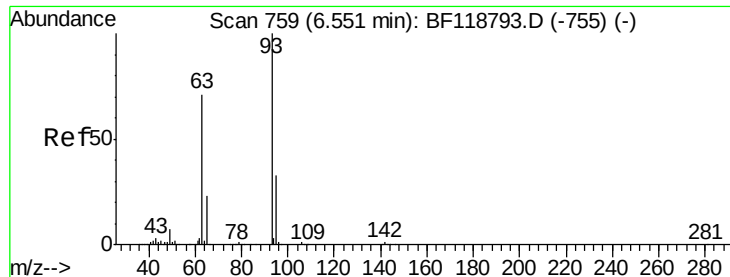
Ion Ratio Lower Upper

94 100

65 29.6 9.1 49.1

66 43.3 21.7 61.7





#11

bis(2-Chloroethyl)ether

Concen: 40.059 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

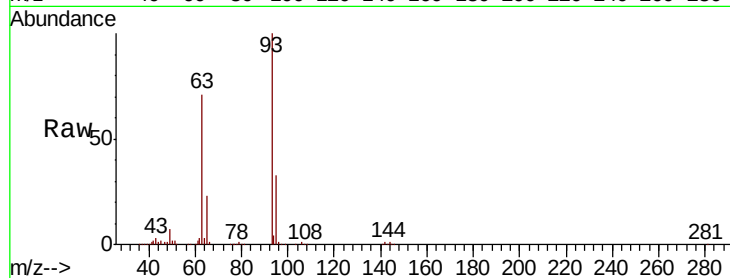
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 725667

Ion	Ratio	Lower	Upper
93	100		
63	71.2	50.7	90.7
95	33.0	12.6	52.6

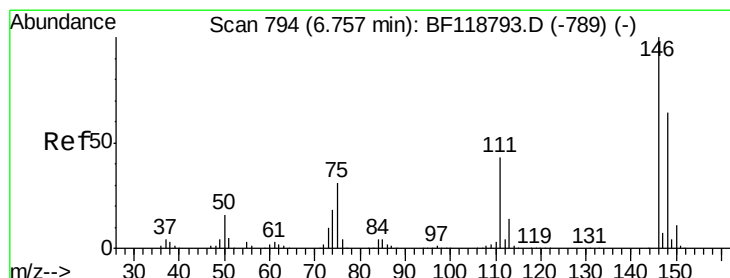
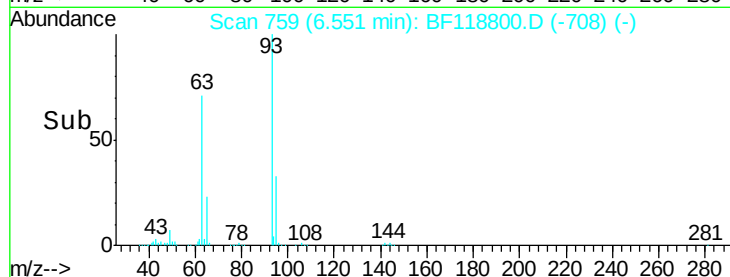
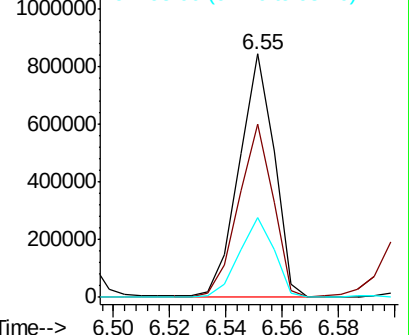


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.624 ng

RT: 6.76 min Scan# 794

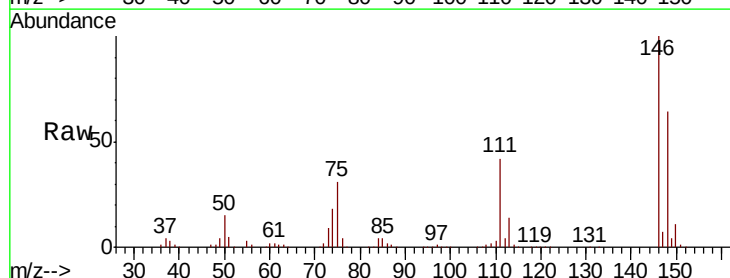
Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Tgt Ion: 146 Resp: 923927

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
75	30.5	25.0	37.4

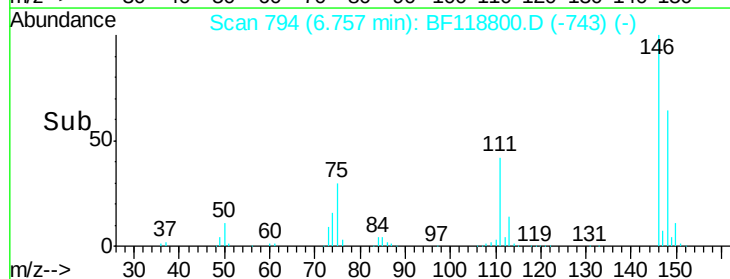
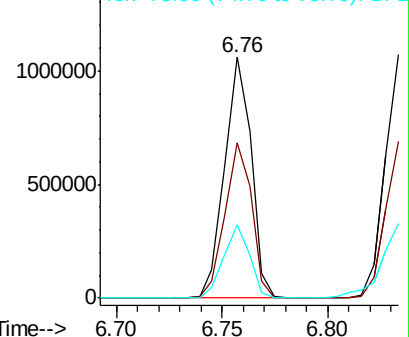


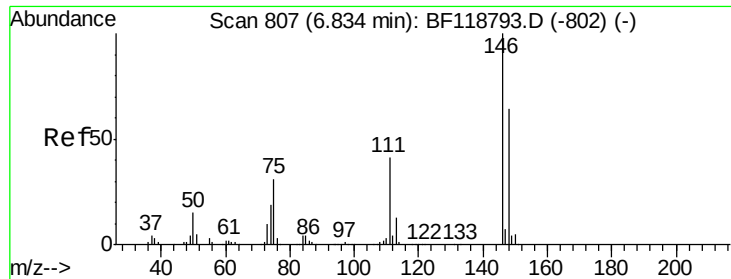
Abundance

Ion 146.00 (145.70 to 146.70): BF1

Ion 148.00 (147.70 to 148.70): BF1

Ion 75.00 (74.70 to 75.70): BF1

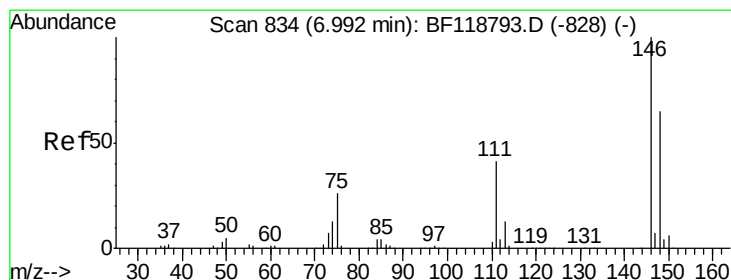
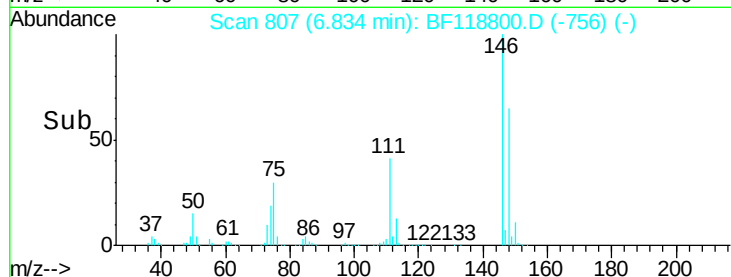
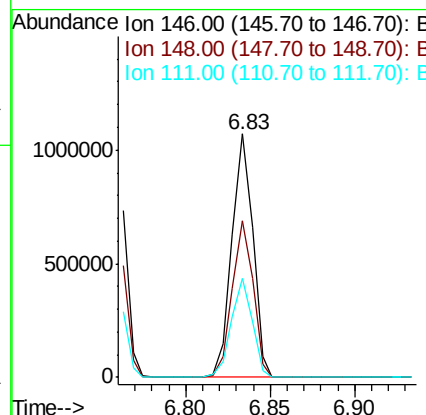
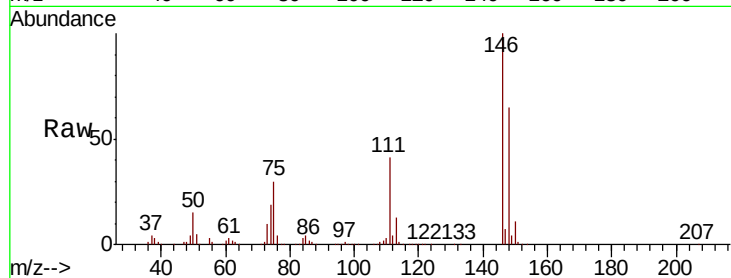




#13
 1,4-Dichlorobenzene
 Concen: 40.745 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

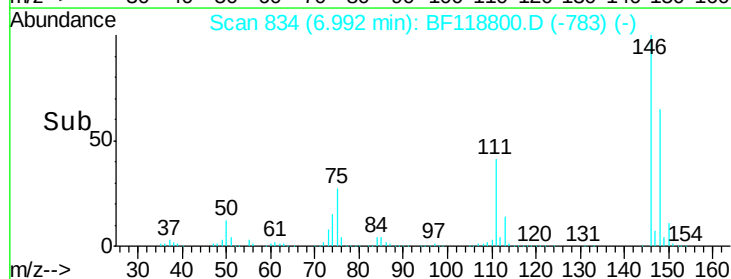
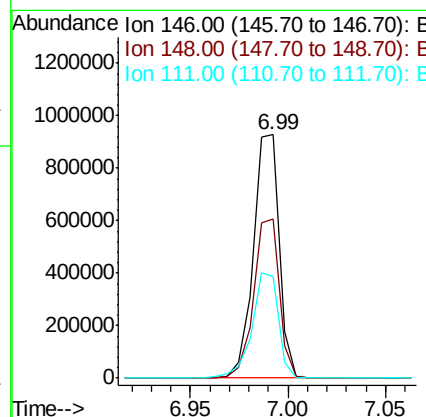
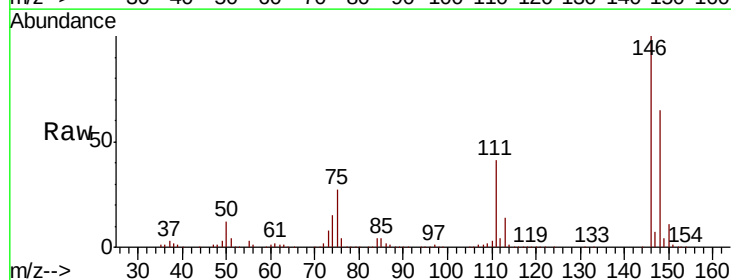
Instrument :
 BNA_F
 ClientSampleId :

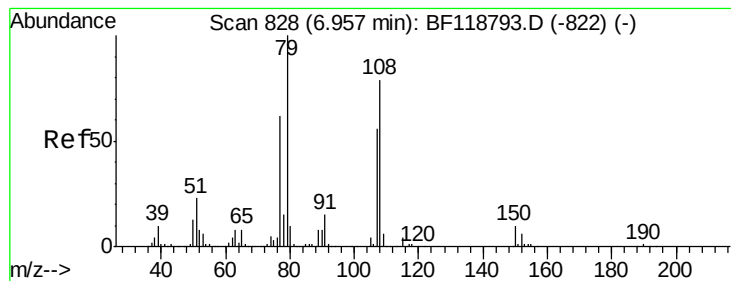
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	40.6	32.9	49.3



#14
 1,2-Dichlorobenzene
 Concen: 39.178 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.6	77.4
111	41.5	32.7	49.1





#15

Benzyl Alcohol

Concen: 41.111 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampled :

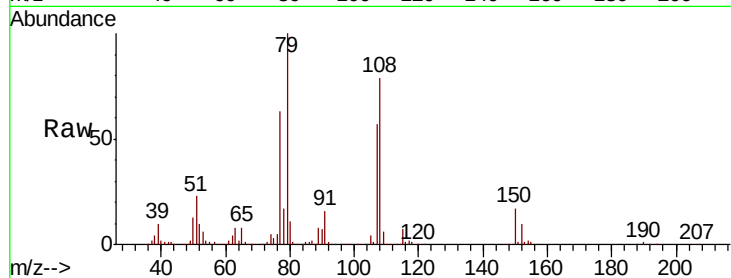
Tot Ion: 79 Resp: 676695

Ion Ratio Lower Upper

79 100

108 79.3 62.9 94.3

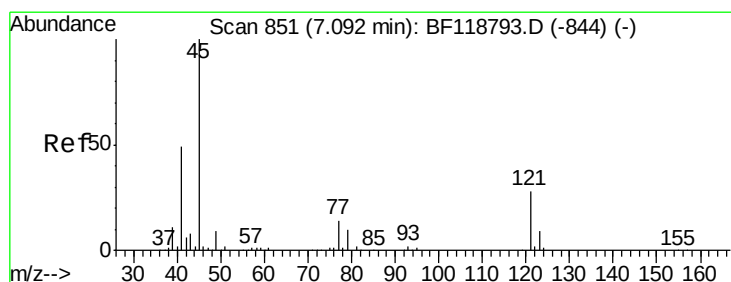
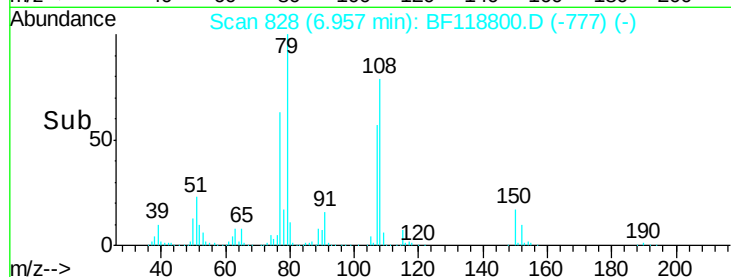
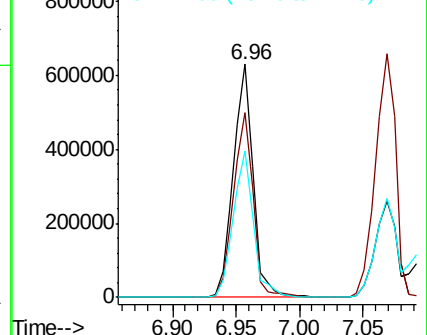
77 62.9 50.0 75.0



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: 40.859 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

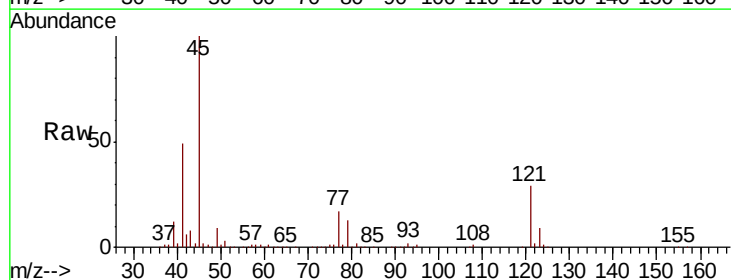
Tgt Ion: 45 Resp: 906418

Ion Ratio Lower Upper

45 100

77 17.0 0.0 37.1

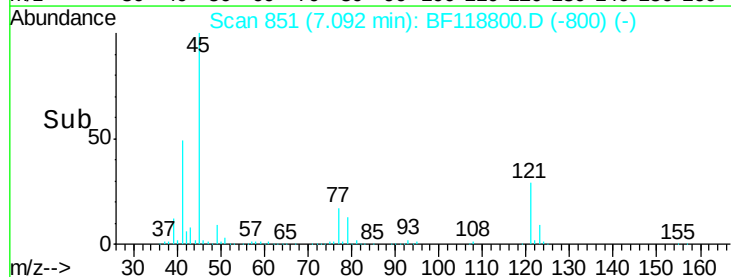
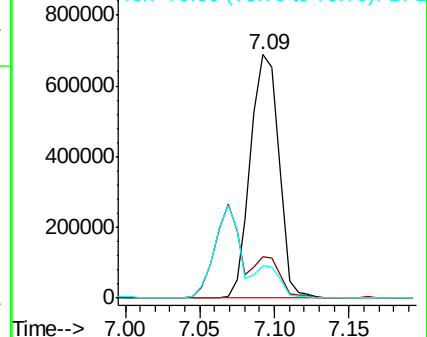
79 13.3 0.0 33.1

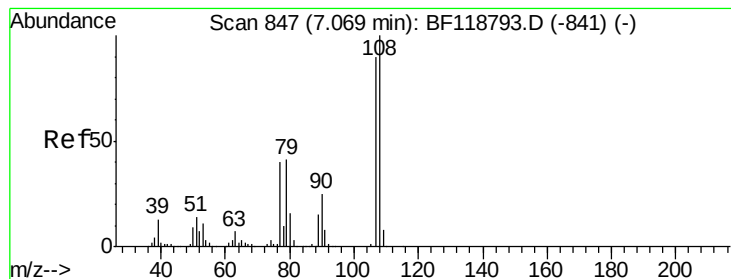


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

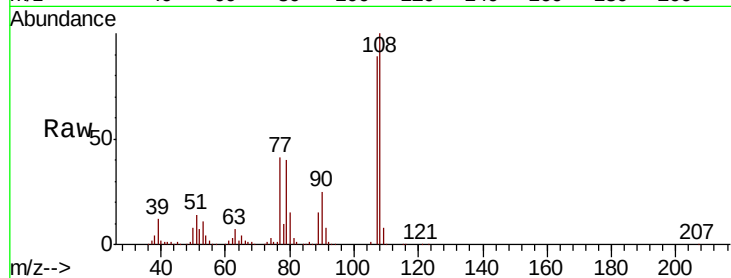




#17
2-Methylphenol
Concen: 40.715 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.3	133.9
77	45.4	36.2	54.2
79	44.5	36.3	54.5



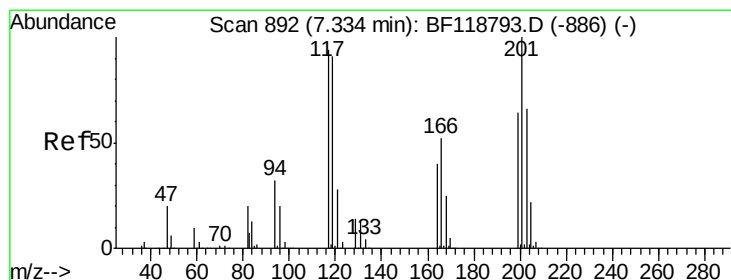
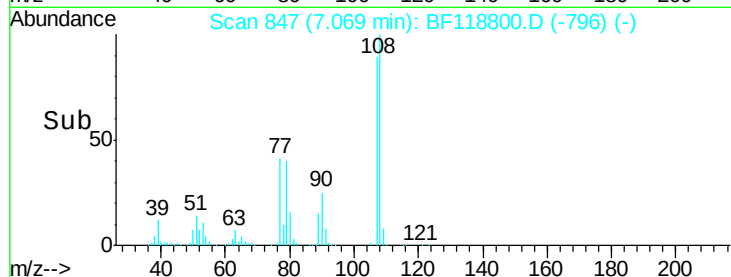
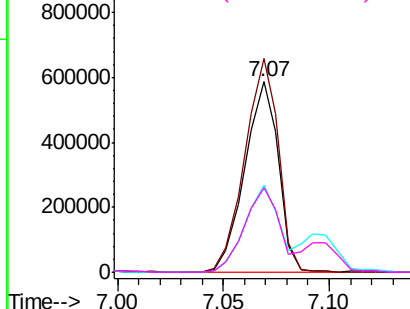
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

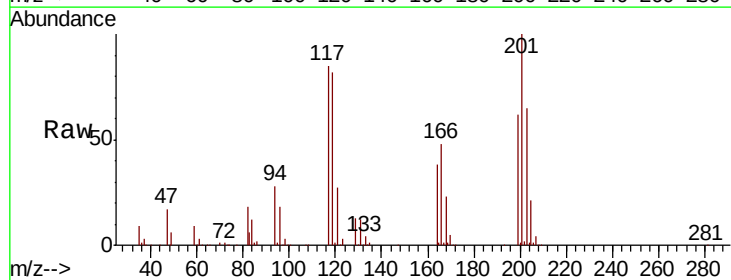
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.443 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.0
201	118.1	85.1	127.7

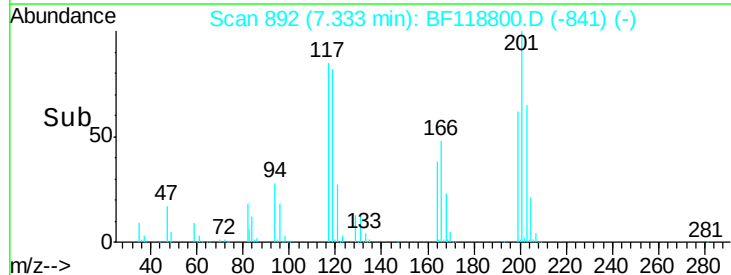
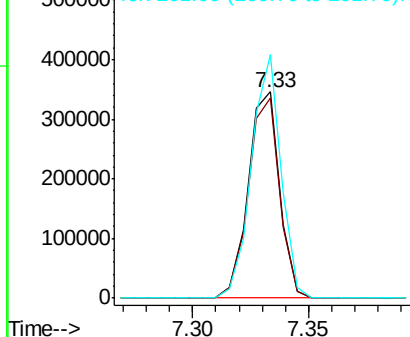


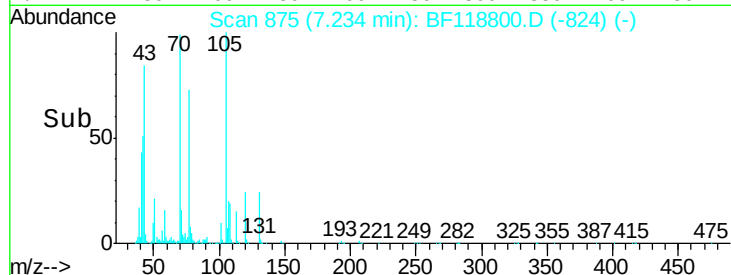
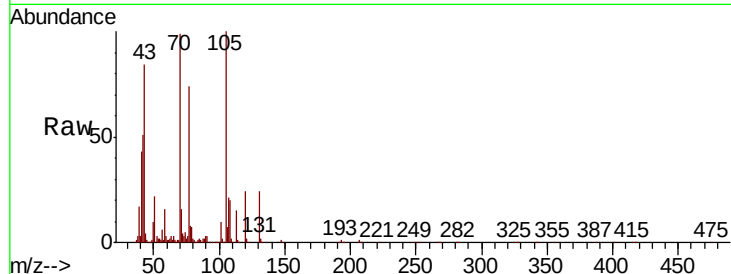
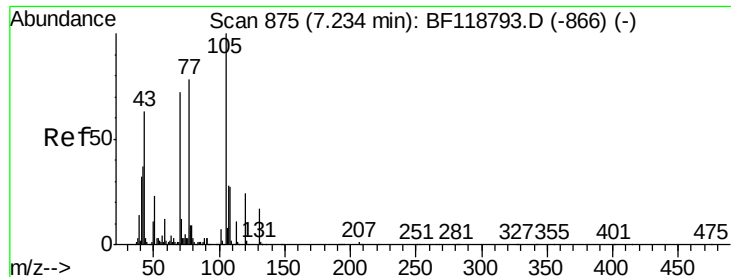
Abundance

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

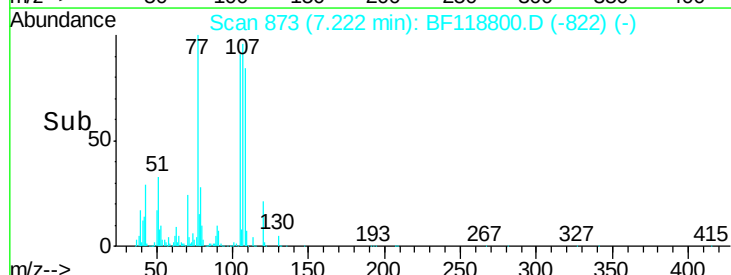
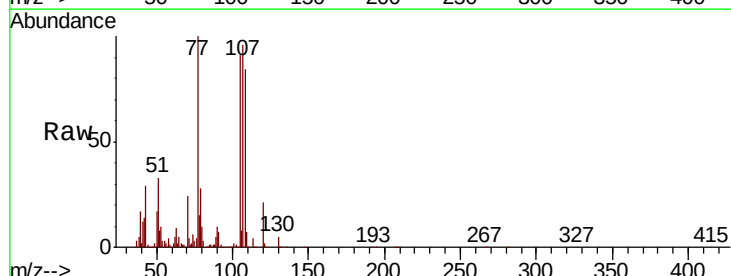
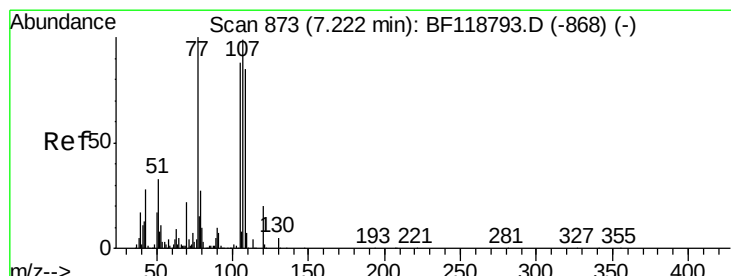
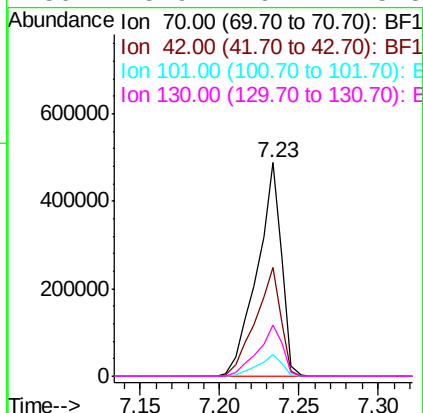




#19
n-Nitroso-di-n-propylamine
Concen: 40.480 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

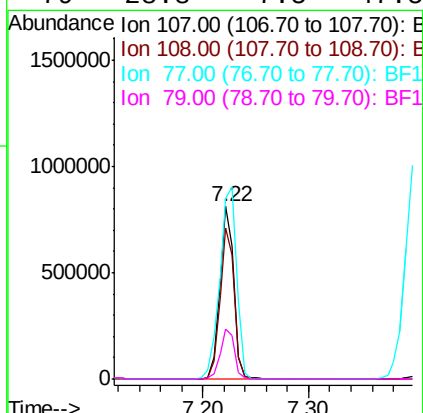
Instrument :
BNA_F
ClientSampleId :

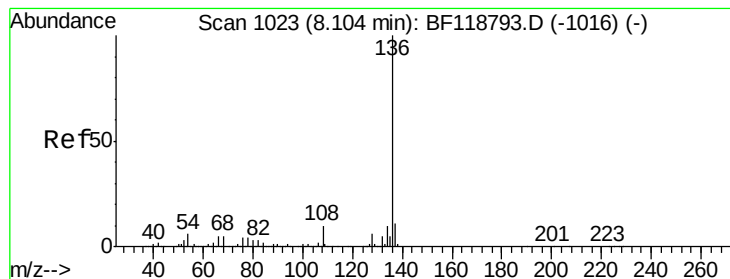
Tot Ion:	70	Resp:	527430
Ion	Ratio	Lower	Upper
70	100		
42	51.2	41.5	62.3
101	10.4	8.3	12.5
130	23.9	19.2	28.8



#20
3+4-Methylphenols
Concen: 38.176 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion:	107	Resp:	760159
Ion	Ratio	Lower	Upper
107	100		
108	87.7	65.9	105.9
77	104.4	80.9	120.9
79	28.8	7.5	47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1201728

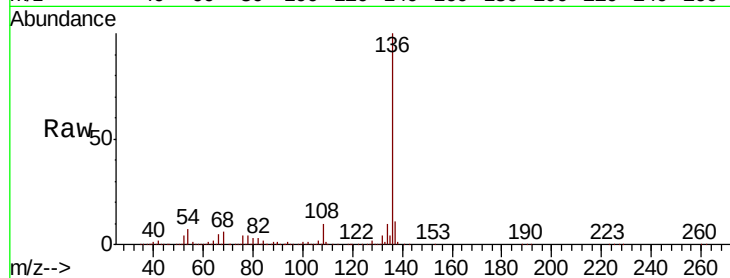
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.8 5.0 7.6

68 6.0 4.2 6.4

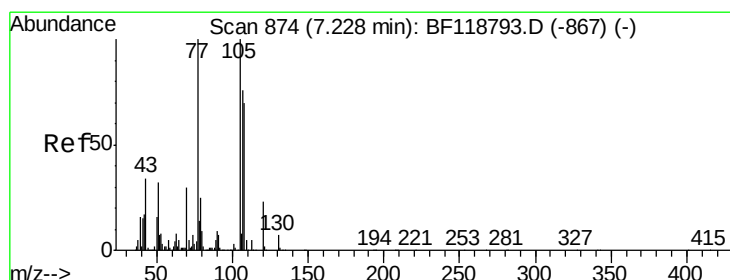
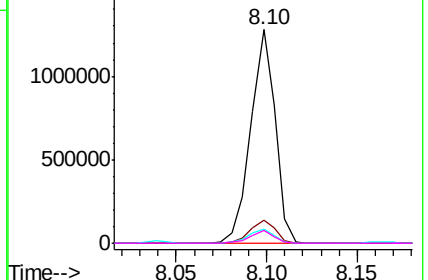
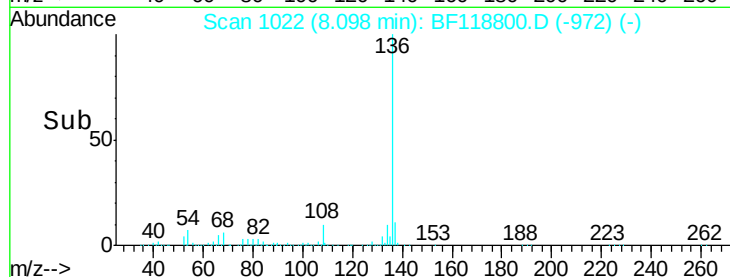


Abundance Ion 136.00 (135.70 to 136.70): E

2000000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.218 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Tgt Ion:105 Resp: 1050067

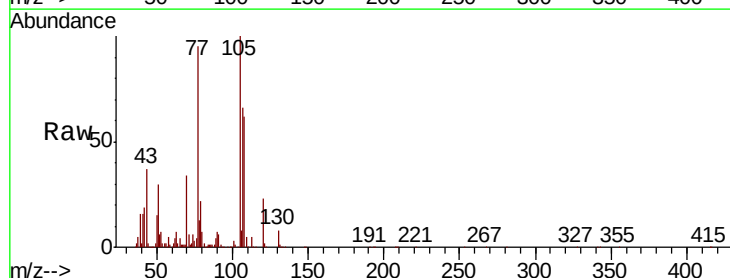
Ion Ratio Lower Upper

105 100

71 5.7 4.2 6.4

51 30.2 25.5 38.3

120 23.5 18.6 28.0

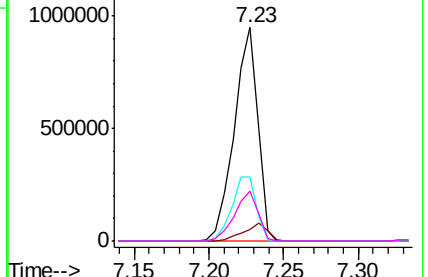
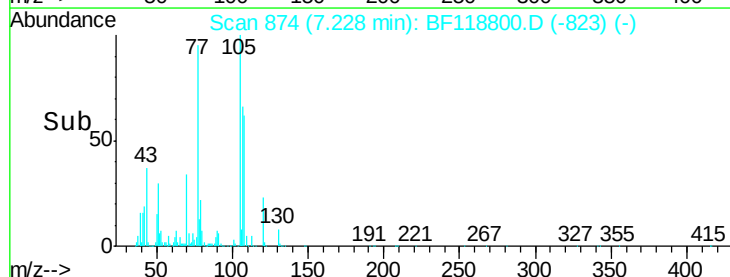


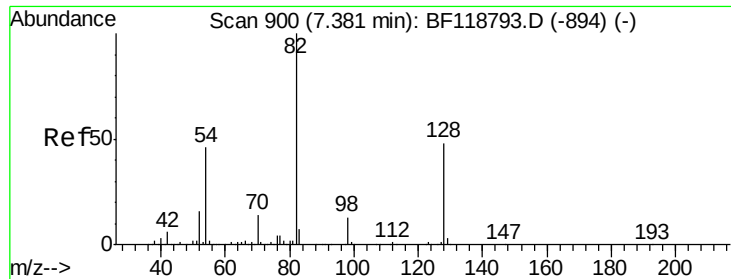
Abundance Ion 105.00 (104.70 to 105.70): E

1500000 Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

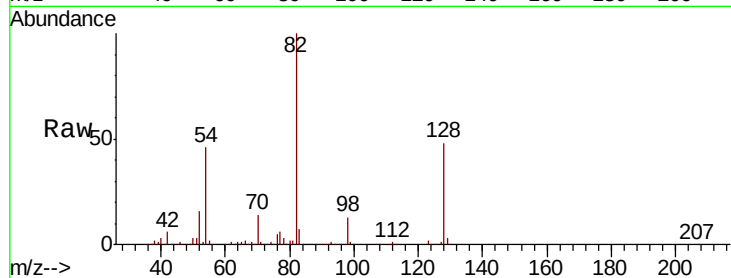




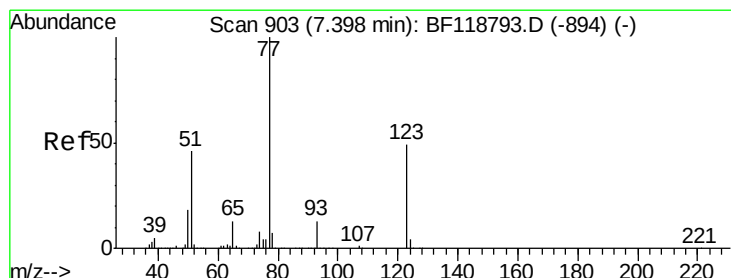
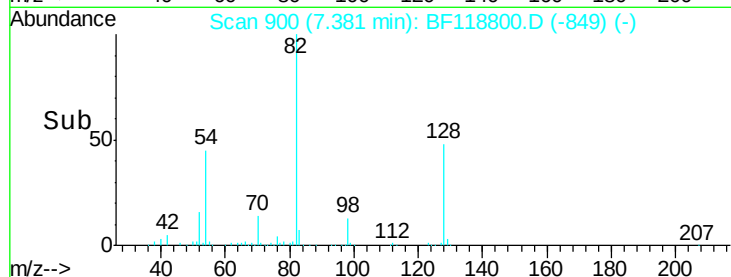
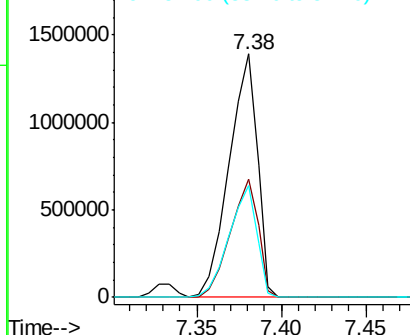
#23
 Nitrobenzene-d5
 Concen: 80.108 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1615110
 Ion Ratio Lower Upper
 82 100
 128 48.3 38.5 57.7
 54 45.7 36.7 55.1

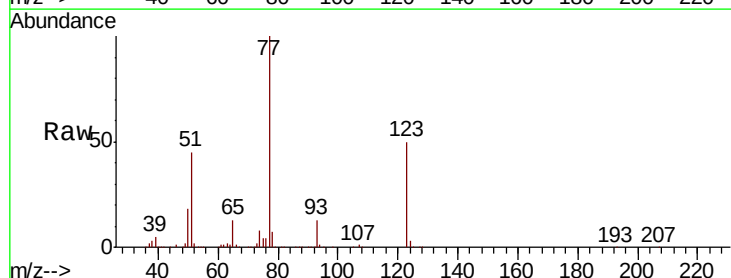


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

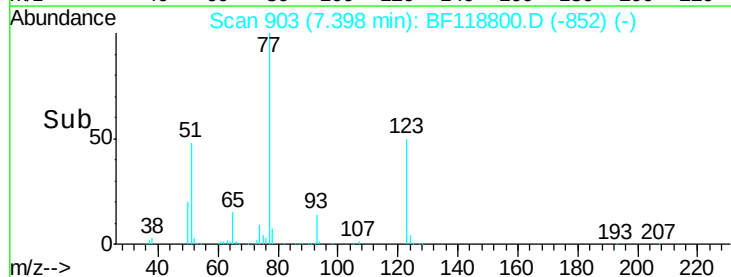
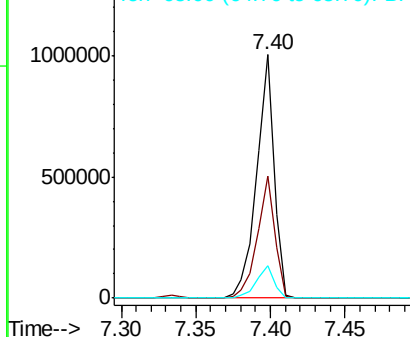


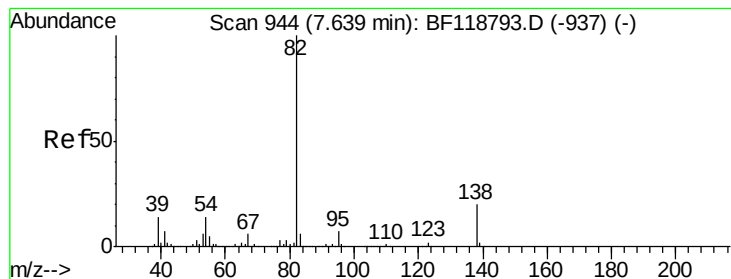
#24
 Nitrobenzene
 Concen: 40.440 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion: 77 Resp: 814502
 Ion Ratio Lower Upper
 77 100
 123 50.3 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: 39.461 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

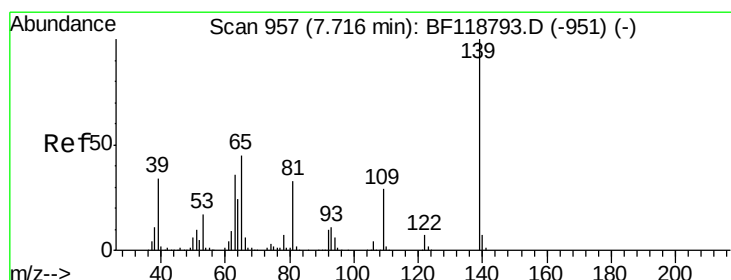
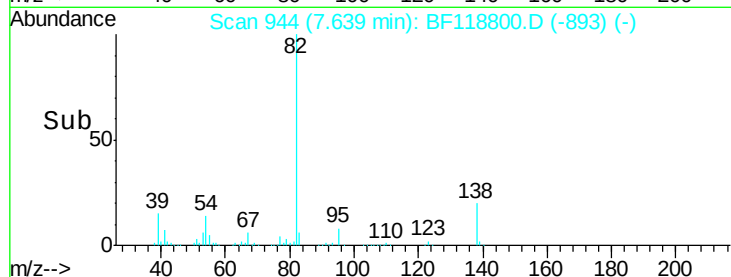
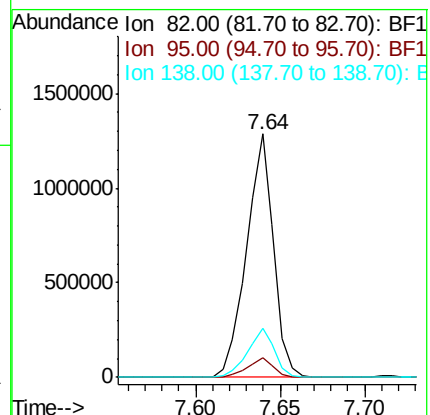
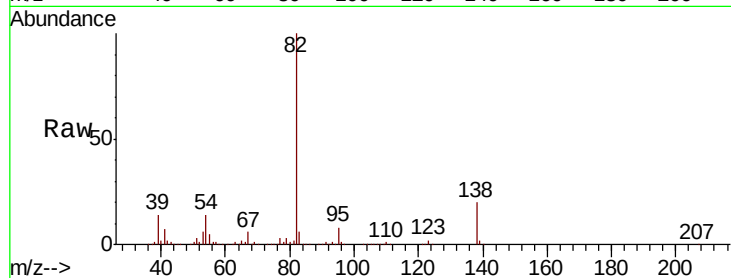
Tot Ion: 82 Resp: 1429844

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

138 20.0 15.7 23.5



#26

2-Nitrophenol

Concen: 39.619 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

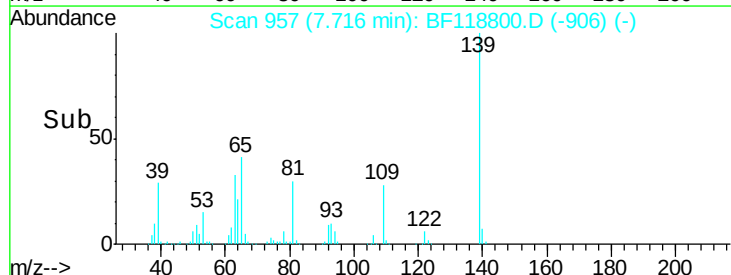
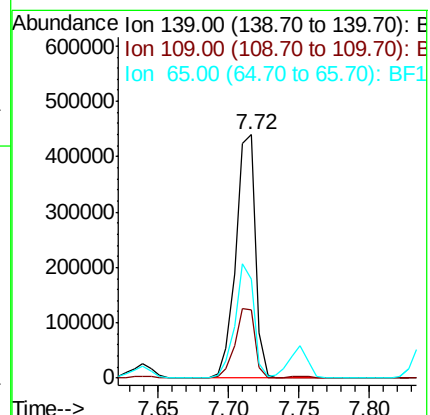
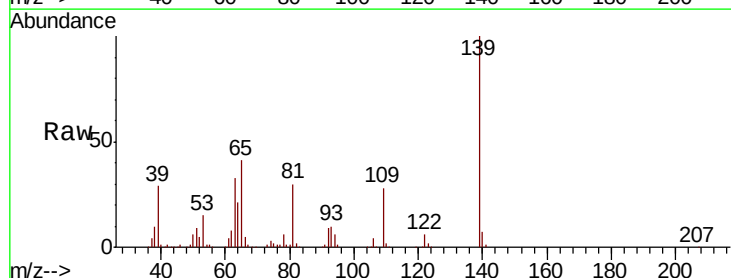
Tgt Ion: 139 Resp: 425207

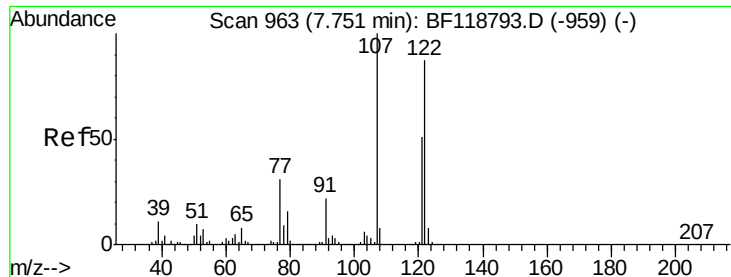
Ion Ratio Lower Upper

139 100

109 27.9 23.4 35.0

65 40.8 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 40.311 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampled :

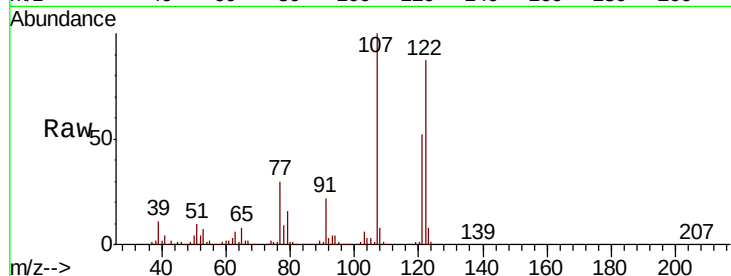
Tot Ion:122 Resp: 587693

Ion Ratio Lower Upper

122 100

107 114.5 92.2 138.2

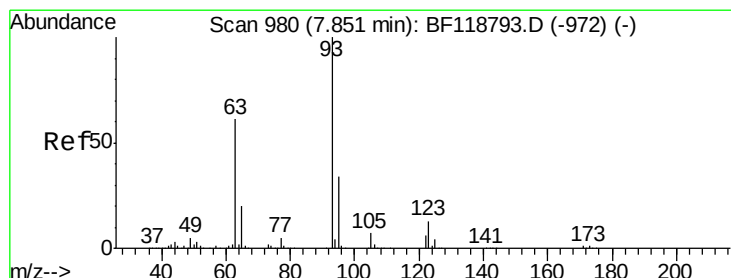
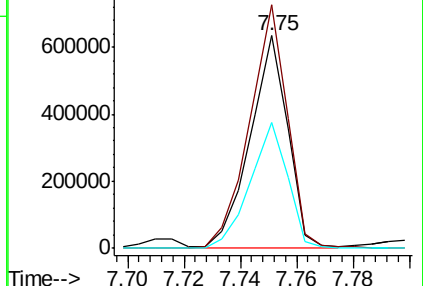
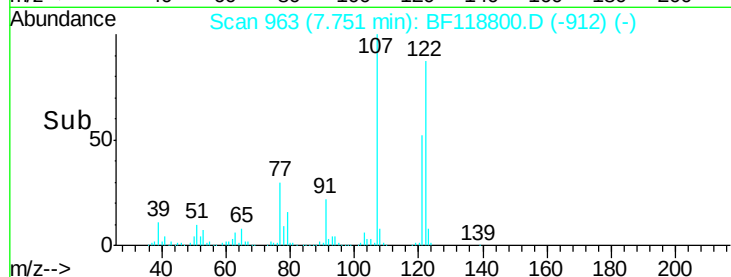
121 59.1 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.085 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

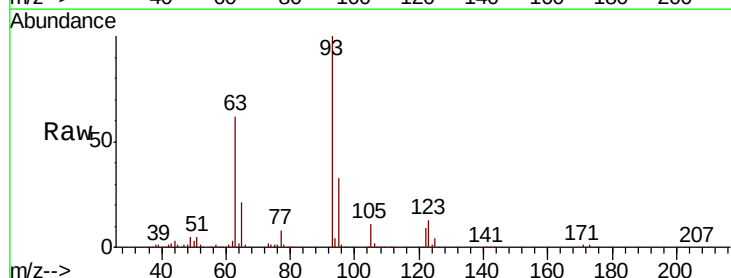
Tgt Ion: 93 Resp: 941837

Ion Ratio Lower Upper

93 100

95 33.5 27.0 40.4

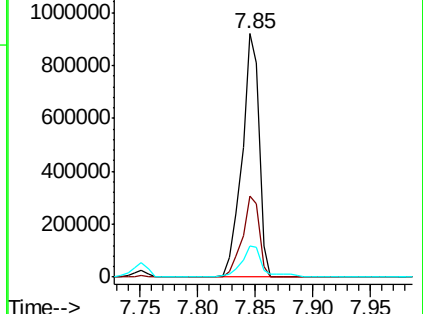
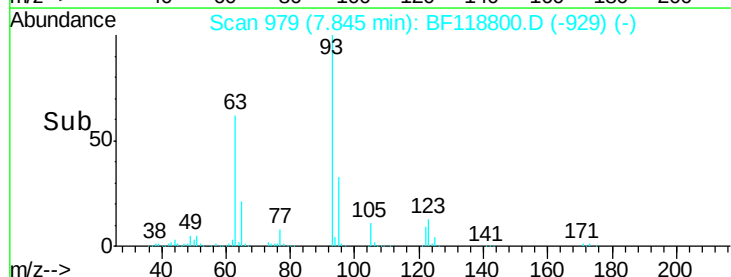
123 12.7 10.6 15.8

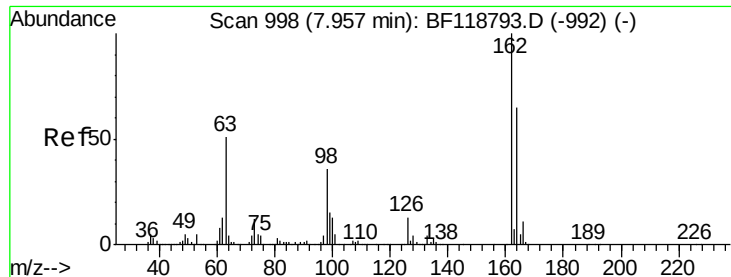


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

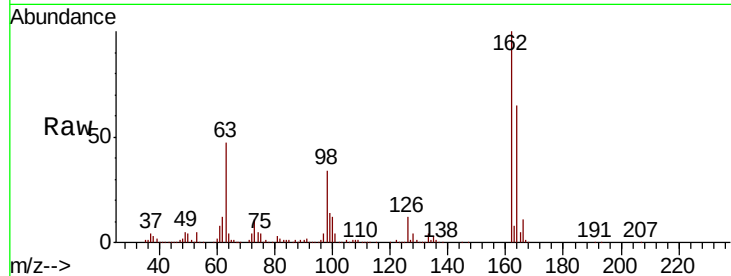




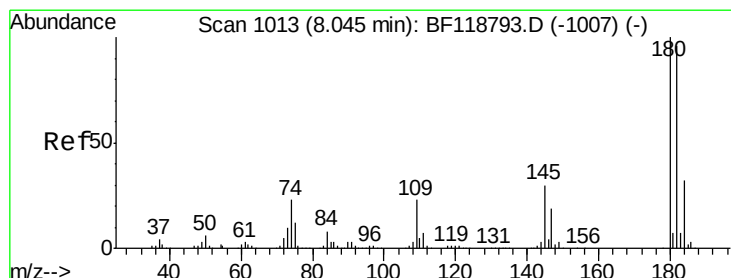
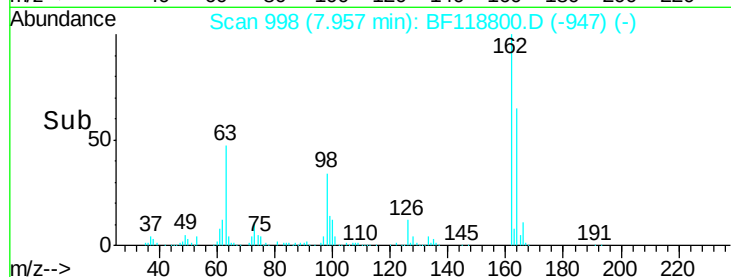
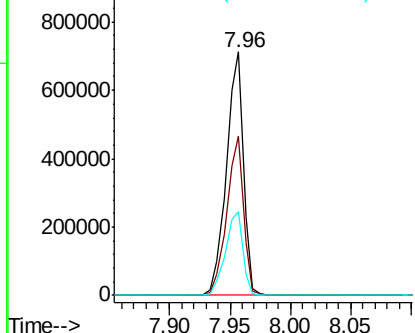
#29
2,4-Dichlorophenol
Concen: 39.923 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.8	84.8
98	34.4	16.4	56.4

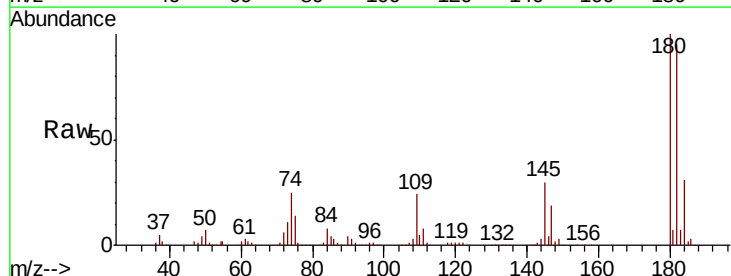


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

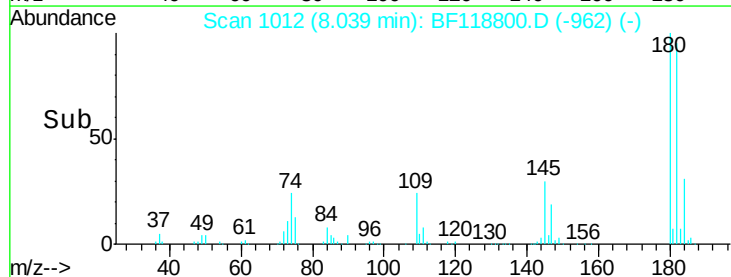
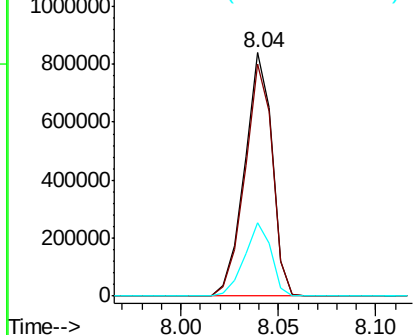


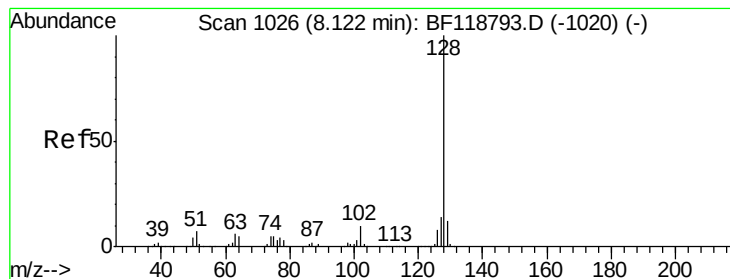
#30
1,2,4-Trichlorobenzene
Concen: 39.974 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	115.0
145	30.2	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.026 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

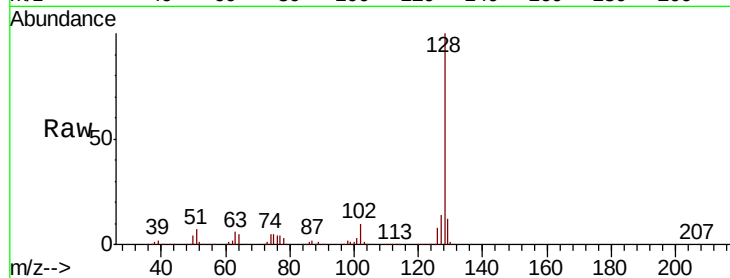
Tot Ion:128 Resp: 2199927

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

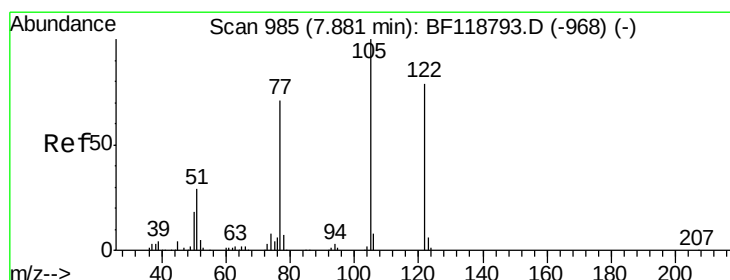
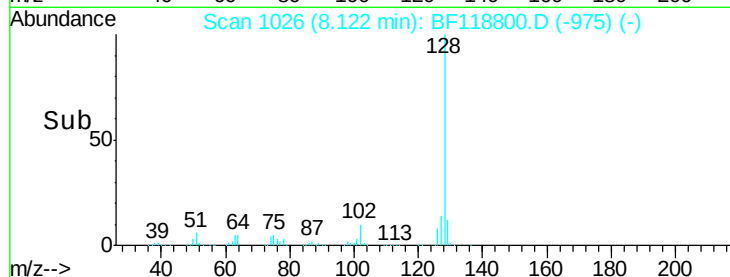
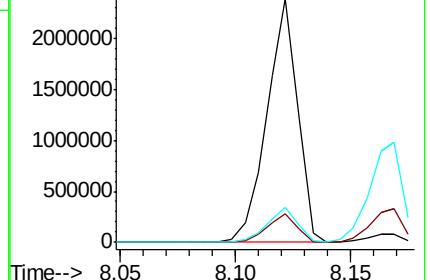
127 14.3 11.3 16.9



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: 40.531 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

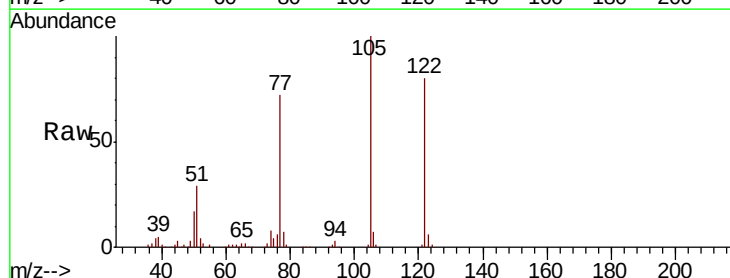
Tgt Ion:122 Resp: 489241

Ion Ratio Lower Upper

122 100

105 124.2 104.4 144.4

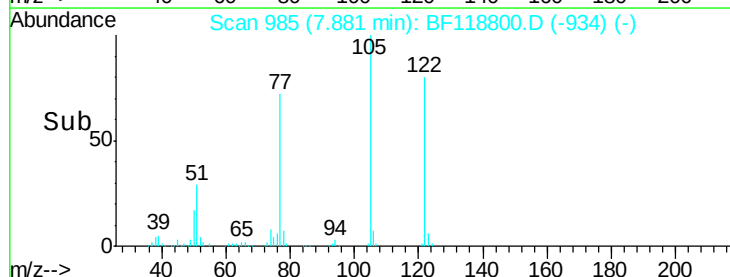
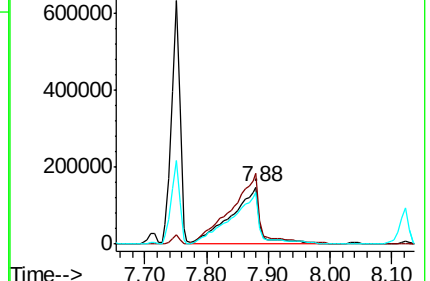
77 89.7 69.3 109.3

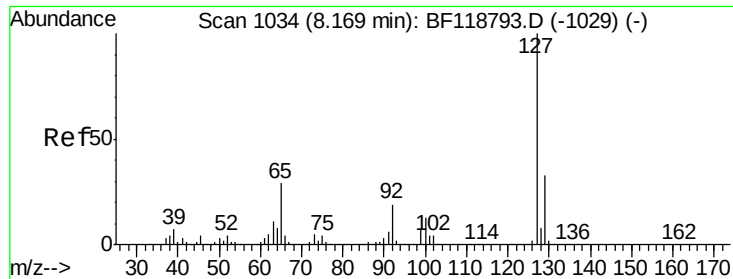


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

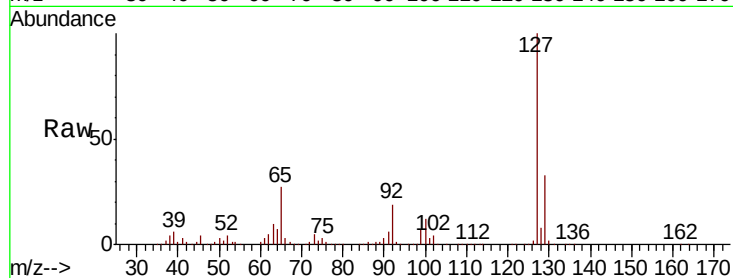




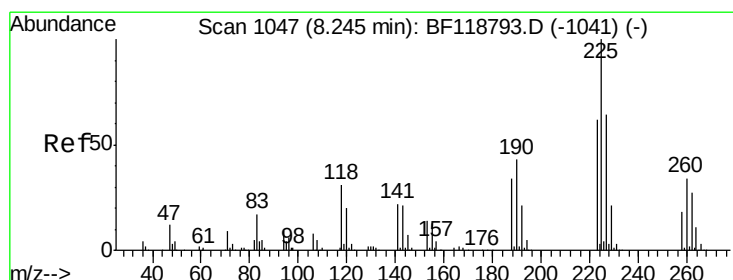
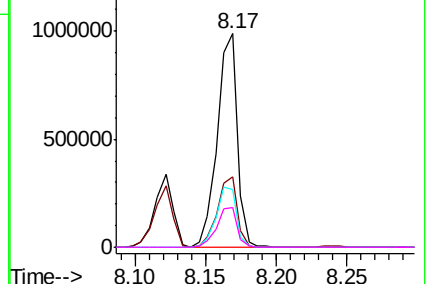
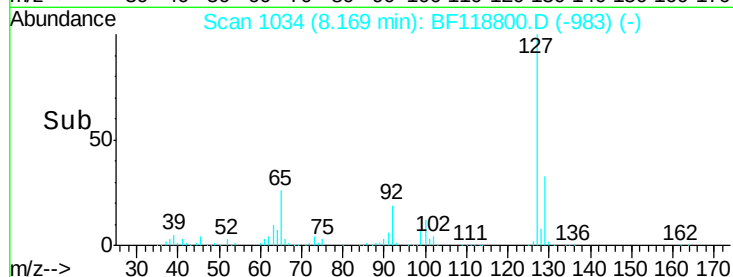
#33
4-Chloroaniline
Concen: 39.711 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	976481
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.7	40.1
65	26.8	22.9	34.3
92	18.7	15.4	23.0

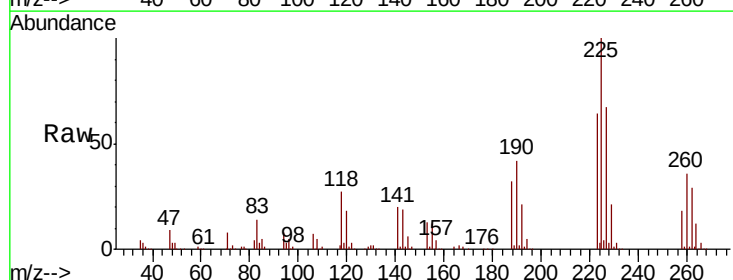


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

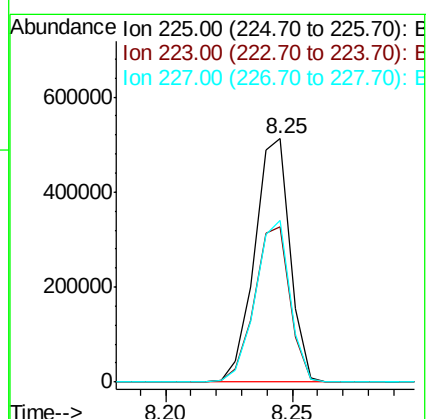
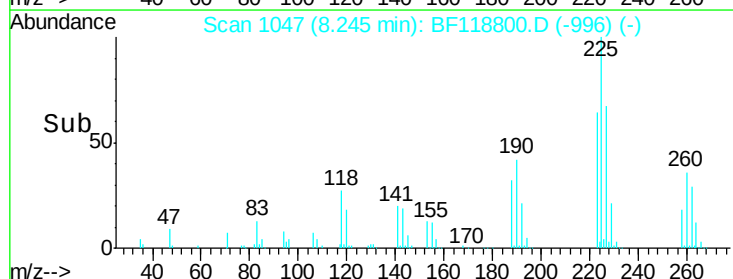


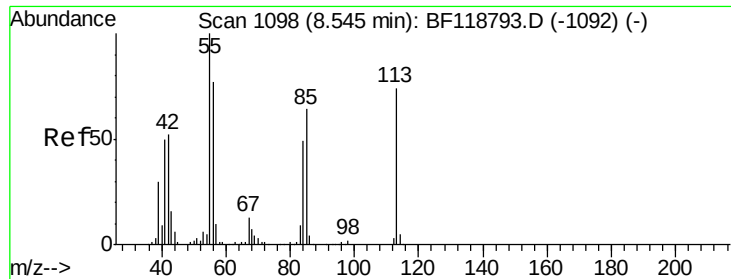
#34
Hexachlorobutadiene
Concen: 39.866 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion:	225	Resp:	498441
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.8
227	66.6	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

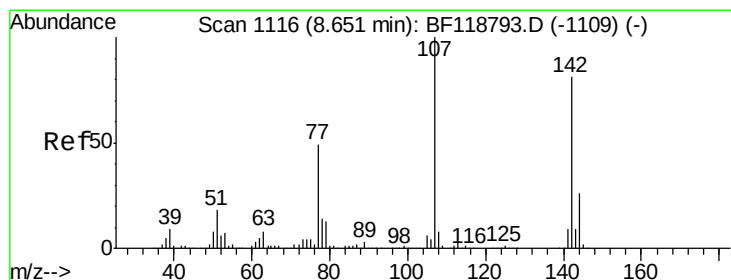
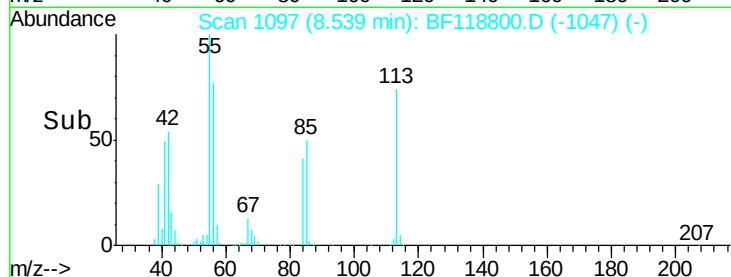
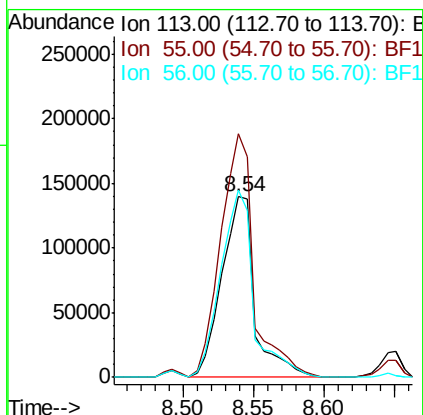
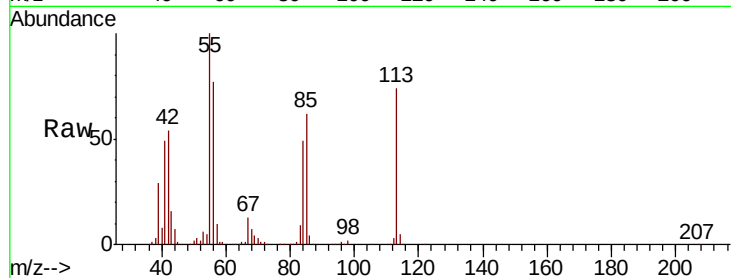




#35
 Caprolactam
 Concen: 40.122 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

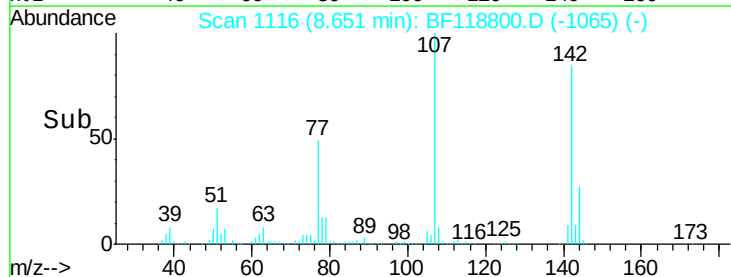
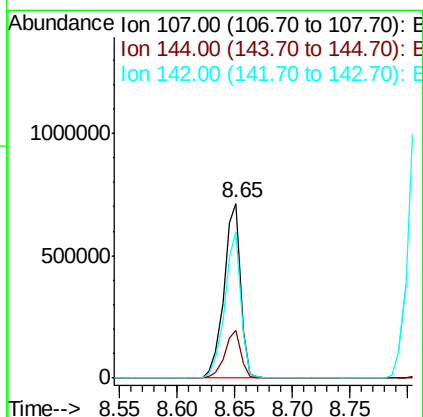
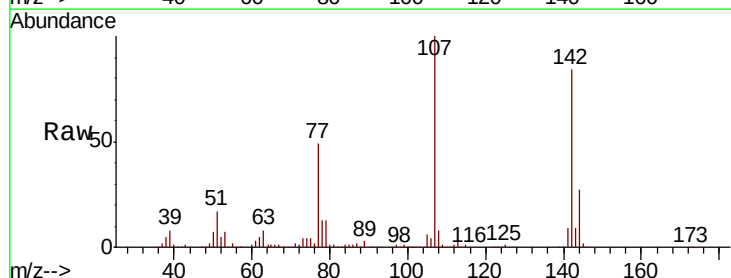
Instrument :
 BNA_F
 ClientSampled :

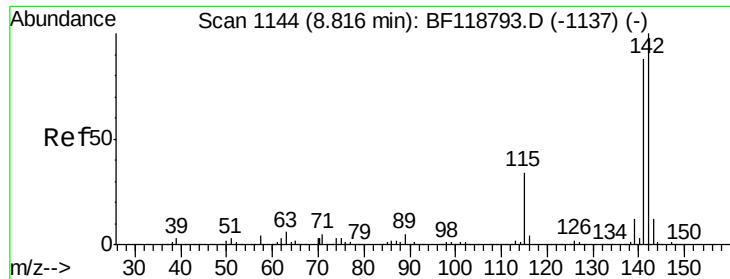
Tot Ion:113 Resp: 227089
 Ion Ratio Lower Upper
 113 100
 55 134.9 115.5 155.5
 56 104.0 83.7 123.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.531 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion:107 Resp: 712161
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.0 31.6
 142 84.0 64.8 97.2

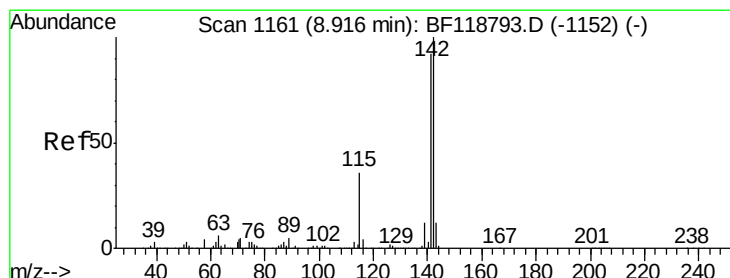
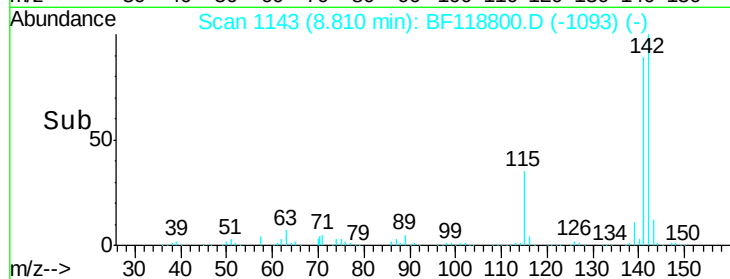
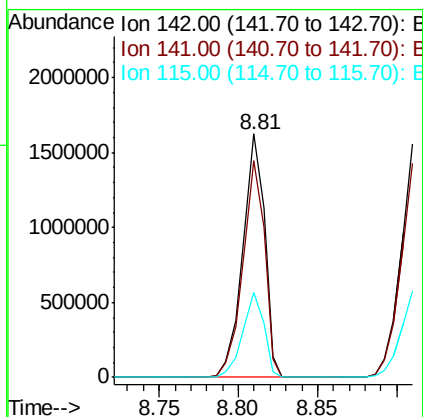
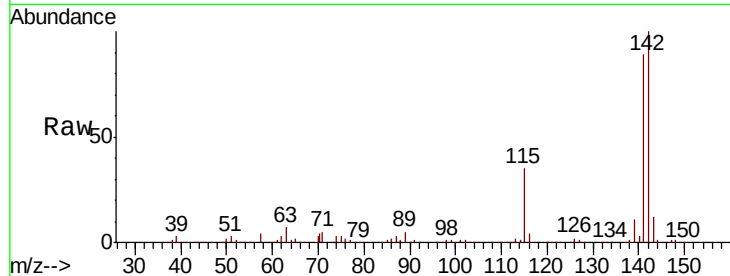




#37
2-Methylnaphthalene
Concen: 40.713 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

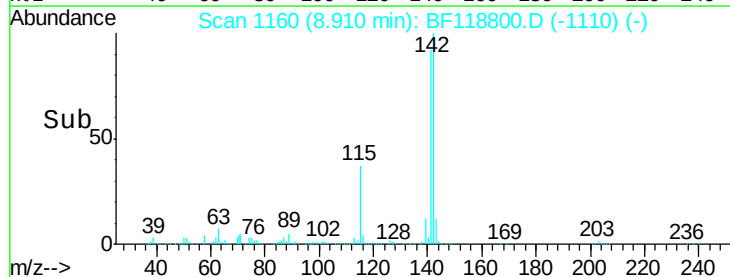
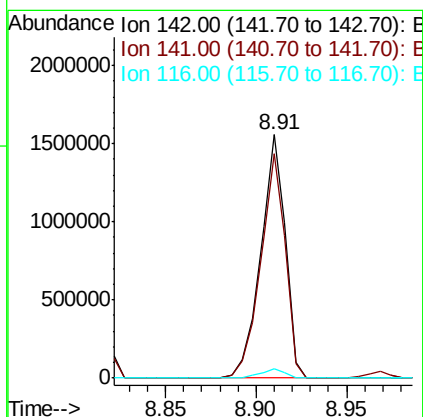
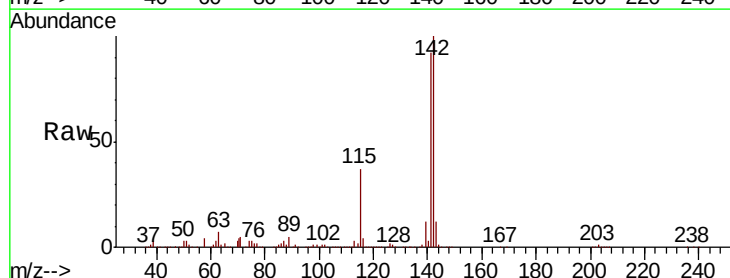
Instrument :
BNA_F
ClientSampleId :

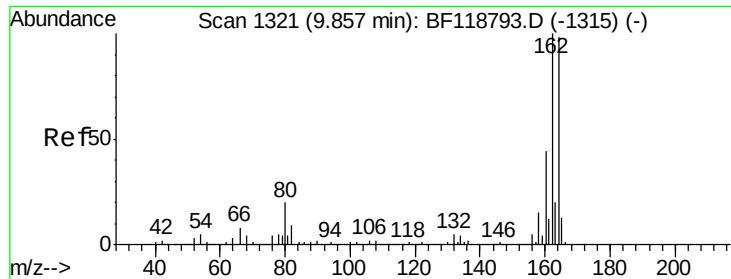
Tot Ion:142 Resp: 1551920
Ion Ratio Lower Upper
142 100
141 88.9 70.1 105.1
115 35.0 27.3 40.9



#38
1-Methylnaphthalene
Concen: 40.743 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion:142 Resp: 1461005
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6
116 4.0 3.0 4.4

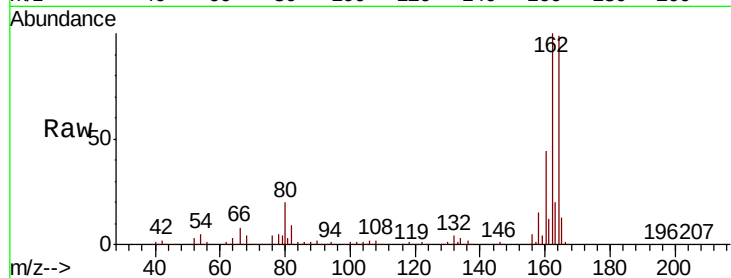




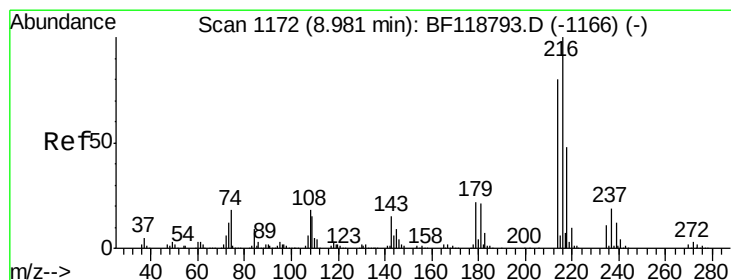
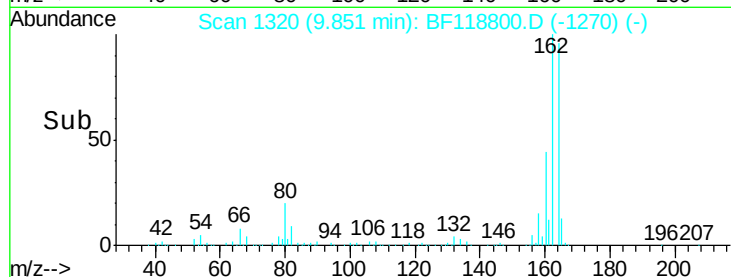
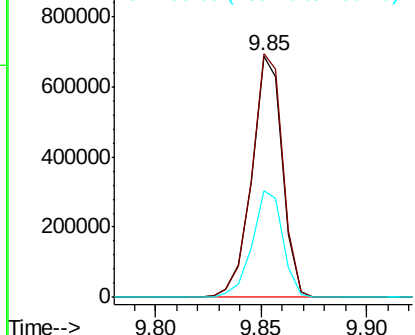
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.2
160	44.4	35.6	53.4



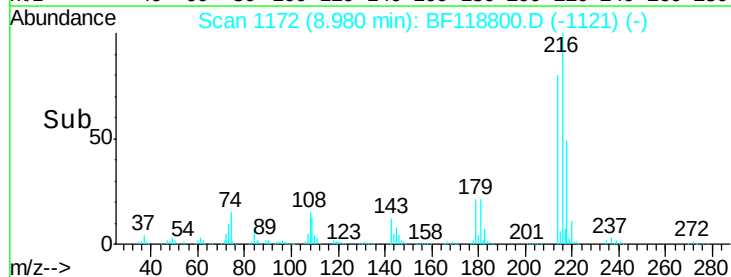
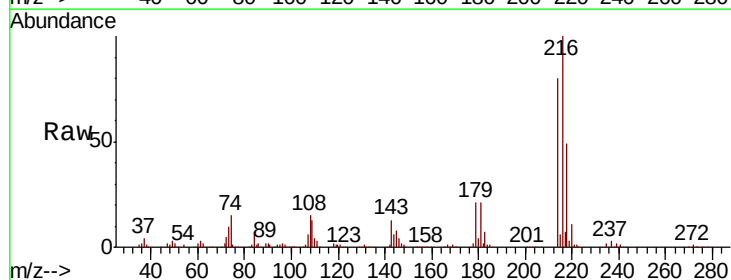
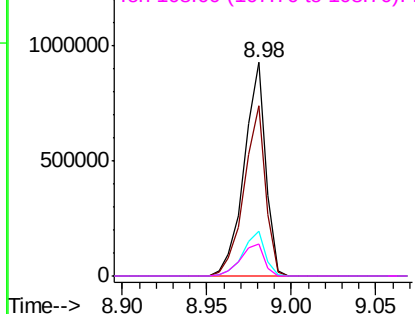
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

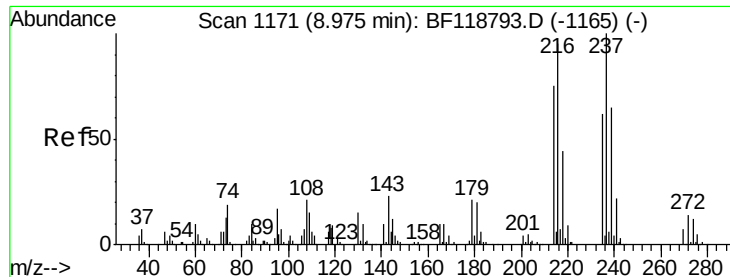


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.506 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	21.4	17.0	25.6
108	16.9	13.5	20.3

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.036 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

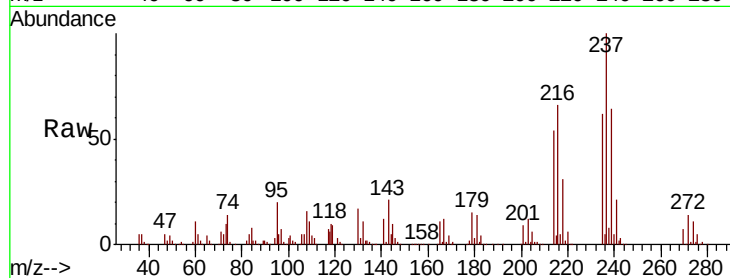
Tot Ion:237 Resp: 326951

Ion Ratio Lower Upper

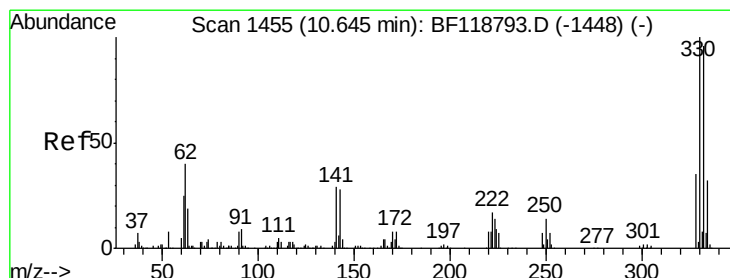
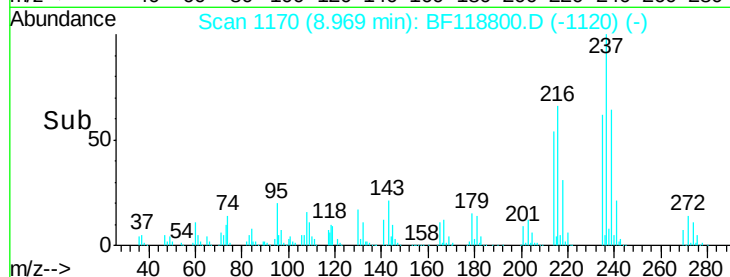
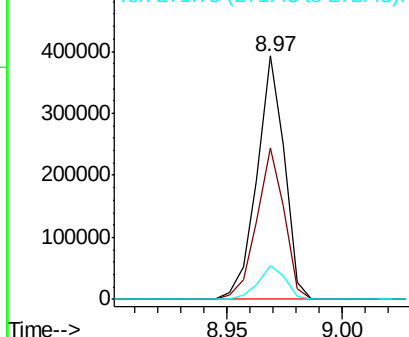
237 100

235 62.1 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: 79.069 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

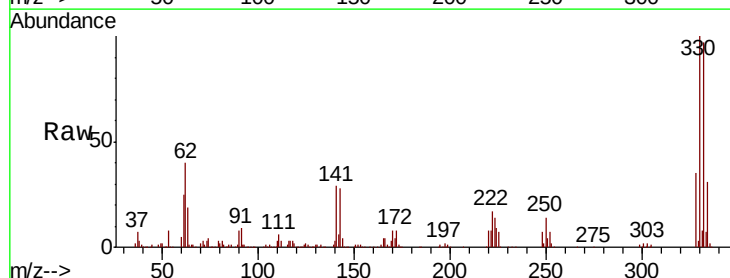
Tgt Ion:330 Resp: 652861

Ion Ratio Lower Upper

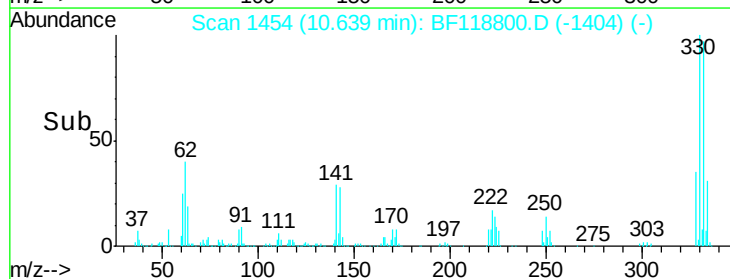
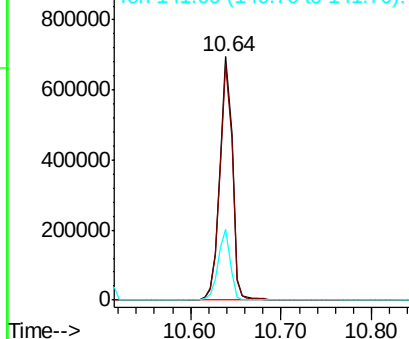
330 100

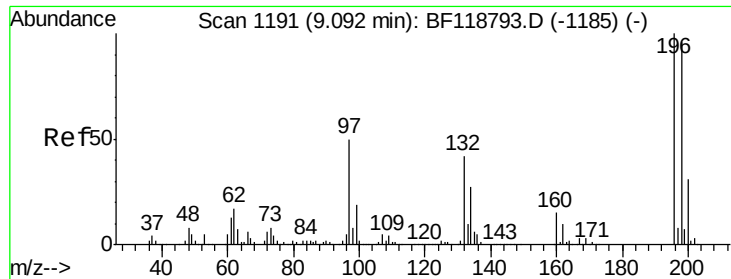
332 97.1 77.3 115.9

141 28.4 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

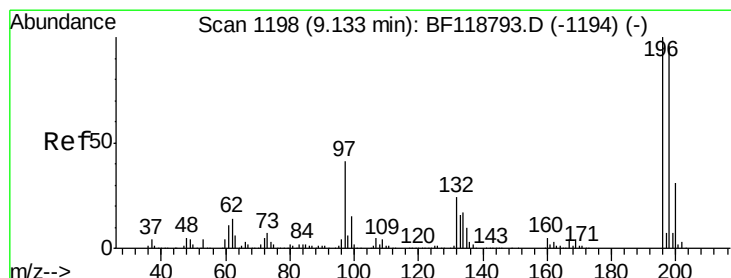
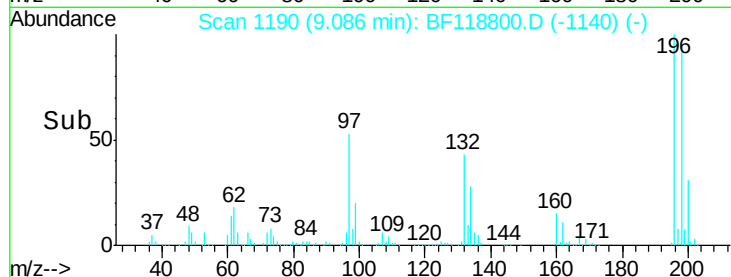
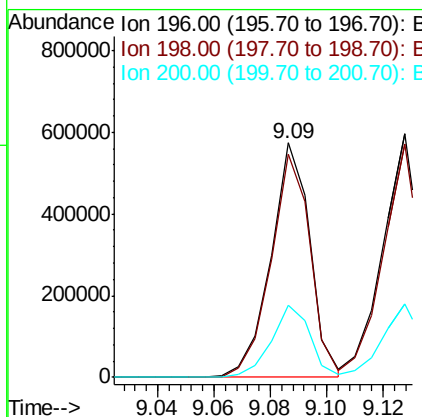
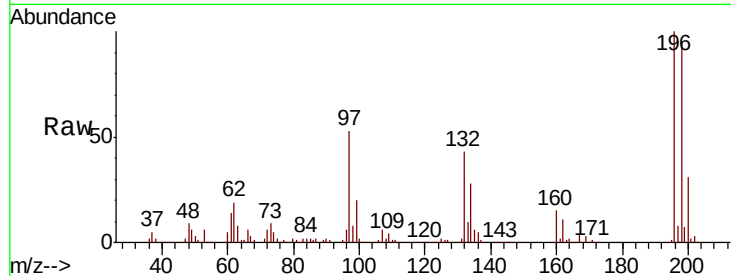




#43
 2,4,6-Trichlorophenol
 Concen: 39.616 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

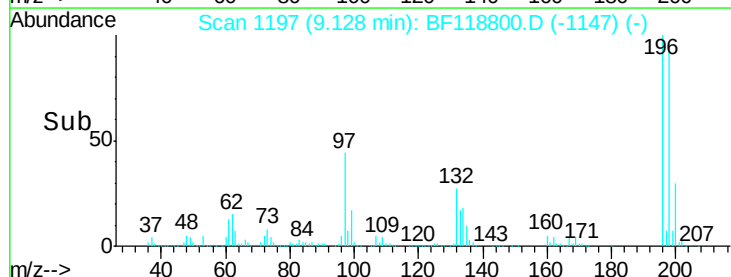
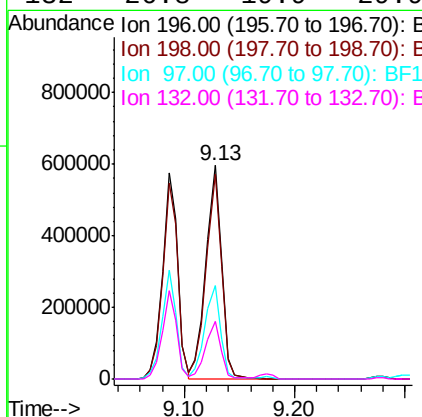
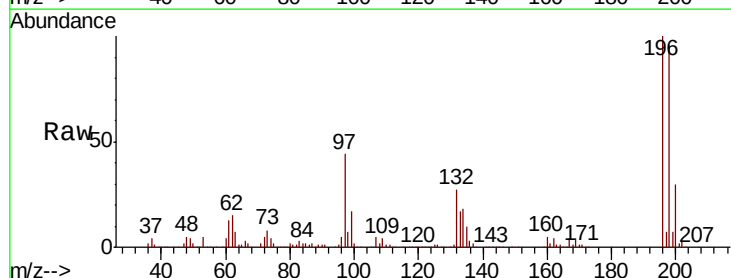
Instrument :
 BNA_F
 ClientSampled :

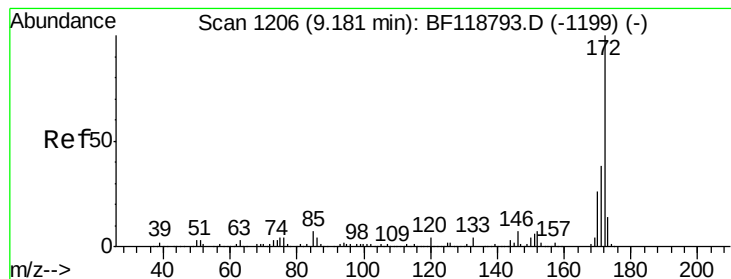
Tot Ion	196	Resp	551736
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.7	115.1
200	30.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.067 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion	196	Resp	570157
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.0	115.4
97	44.0	32.9	49.3
132	26.8	19.9	29.9





#45

2-Fluorobiphenyl

Concen: 80.202 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

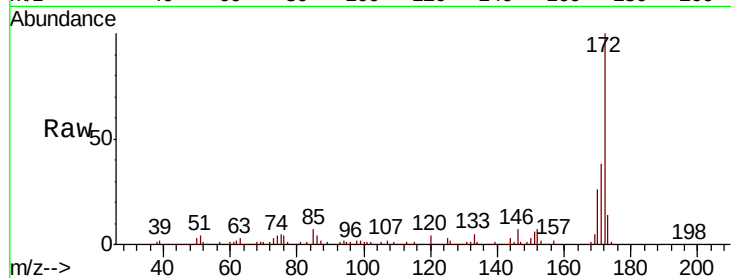
Tot Ion:172 Resp: 3095868

Ion Ratio Lower Upper

172 100

171 38.2 30.8 46.2

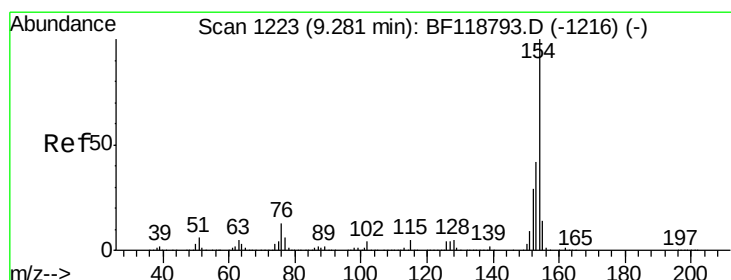
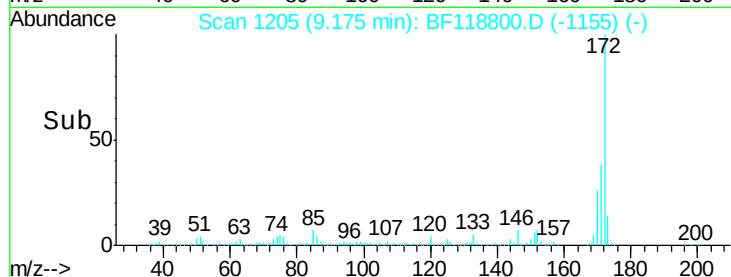
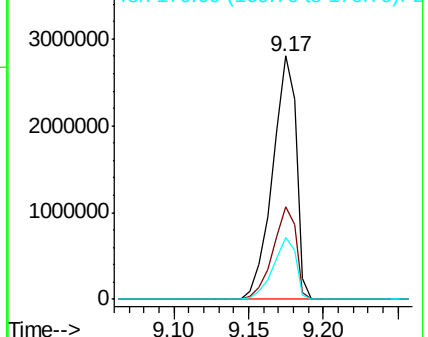
170 25.6 20.5 30.7



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: 40.234 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

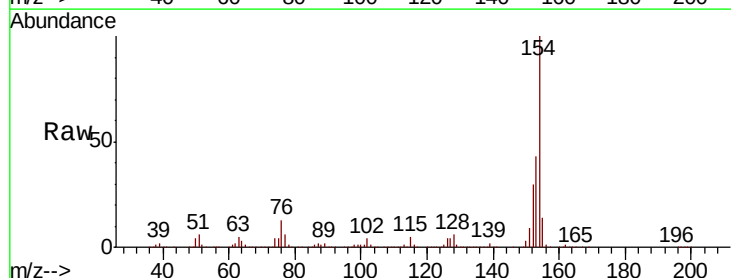
Tgt Ion:154 Resp: 1920543

Ion Ratio Lower Upper

154 100

153 42.5 22.4 62.4

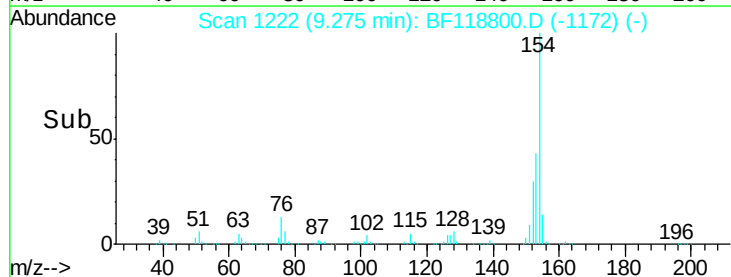
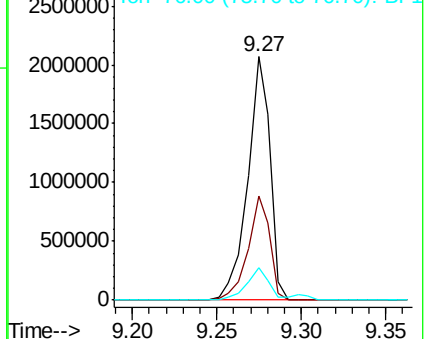
76 13.4 0.0 32.7

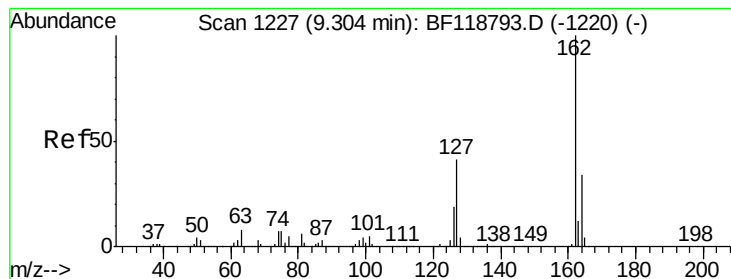


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

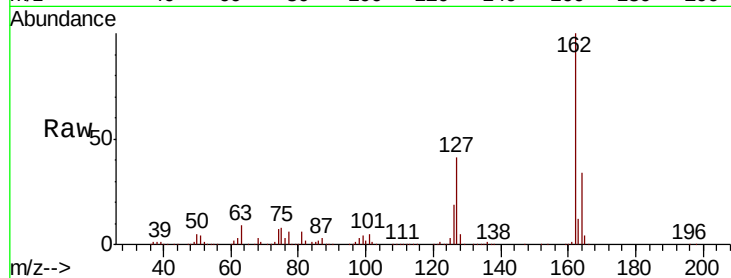




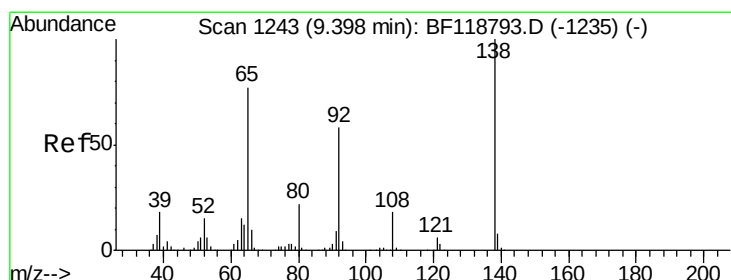
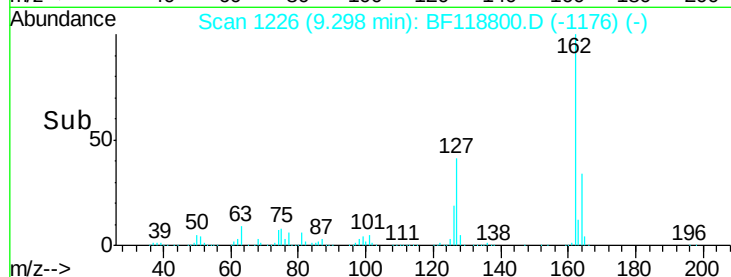
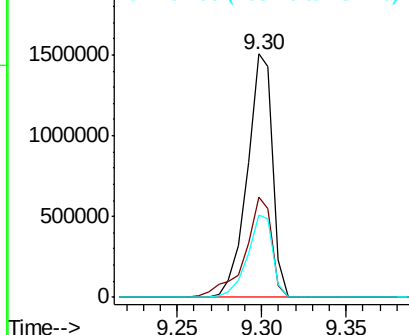
#47
 2-Chloronaphthalene
 Concen: 39.694 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.3	49.9
164	33.7	27.1	40.7

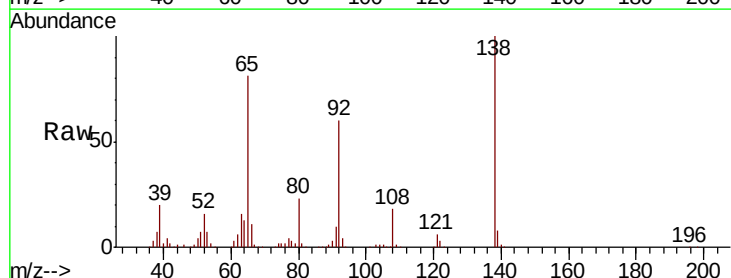


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

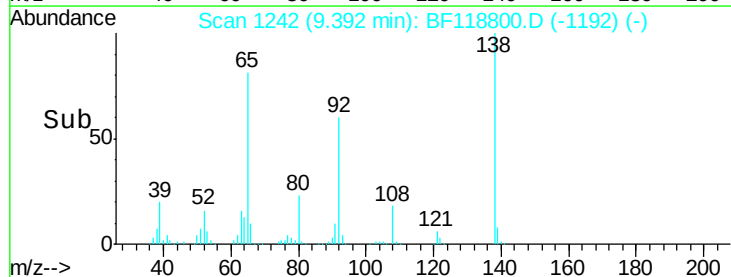
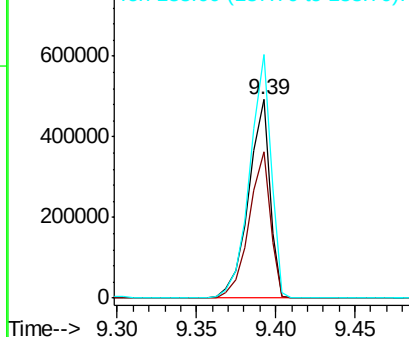


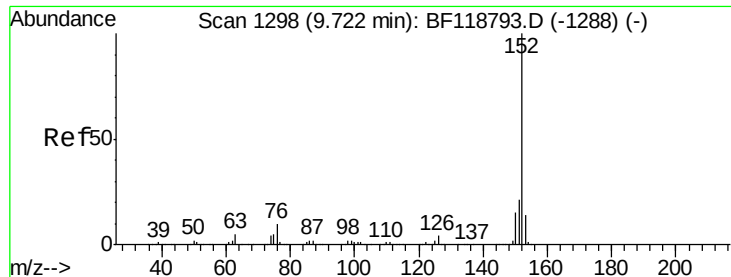
#48
 2-Nitroaniline
 Concen: 40.081 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	60.6	91.0
138	122.8	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: 39.959 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

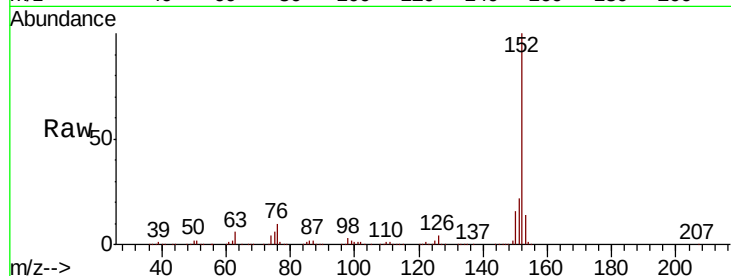
Tot Ion:152 Resp: 2289575

Ion Ratio Lower Upper

152 100

151 21.8 17.1 25.7

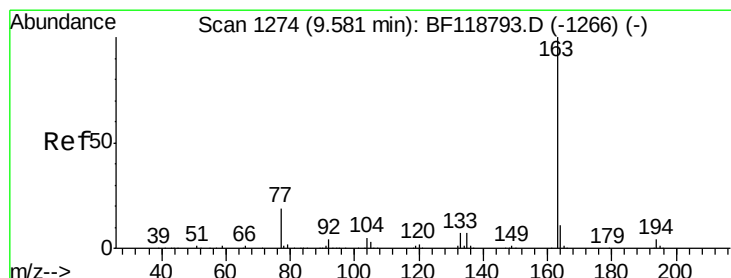
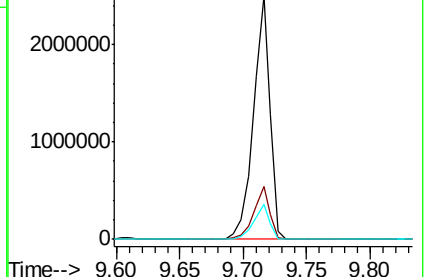
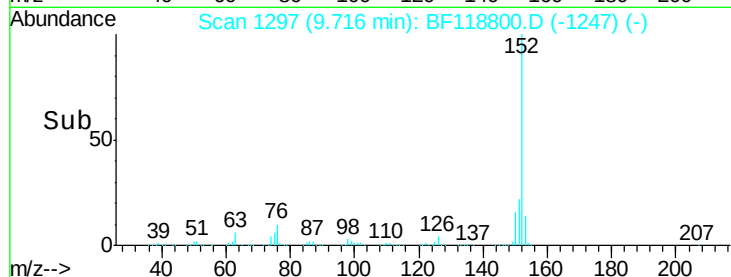
153 14.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.738 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

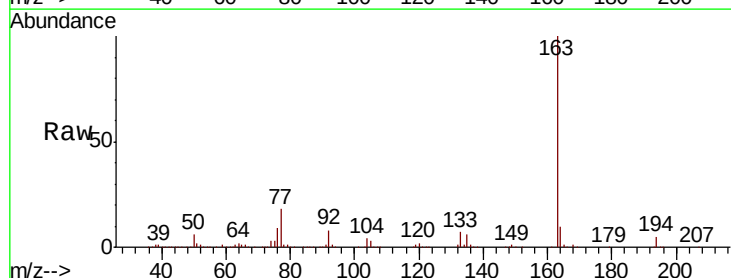
Tgt Ion:163 Resp: 1867167

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

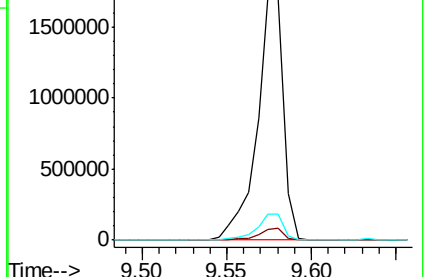
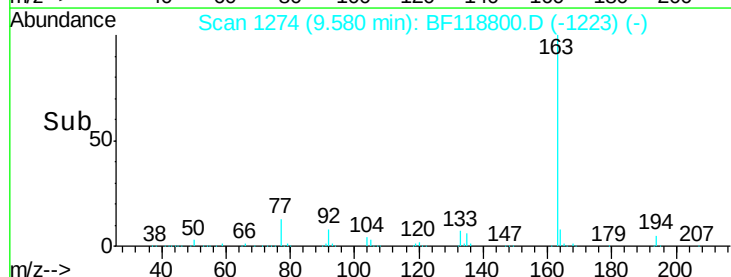
164 10.4 8.7 13.1

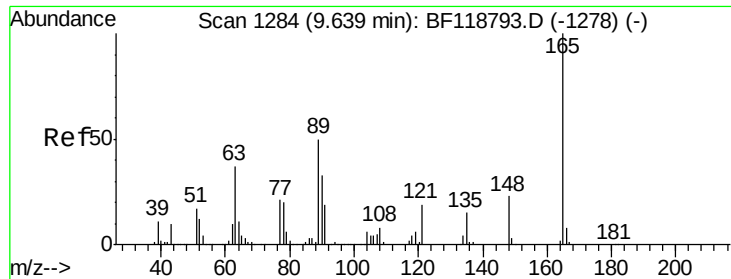


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.073 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

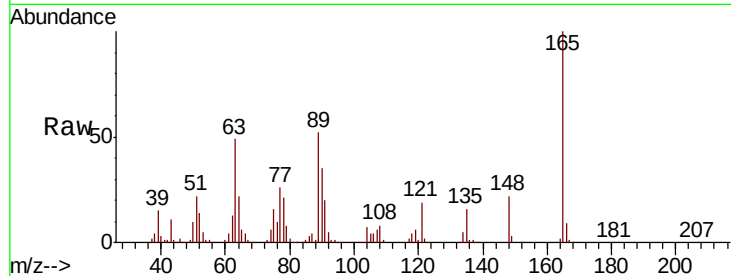
Tot Ion:165 Resp: 430834

Ion Ratio Lower Upper

165 100

63 49.2 37.4 56.0

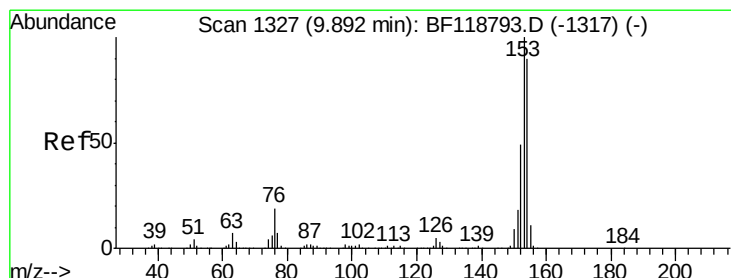
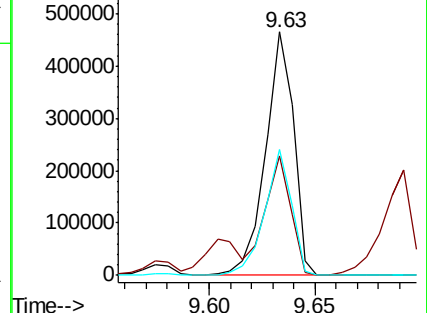
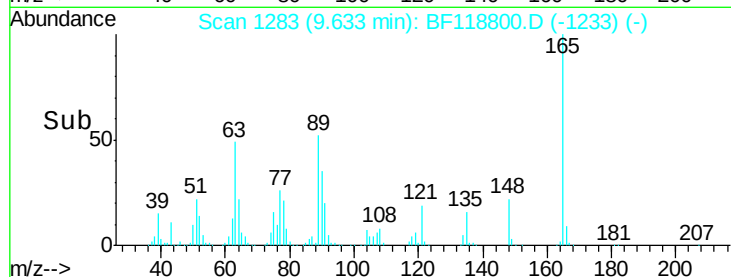
89 51.9 39.7 59.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.728 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

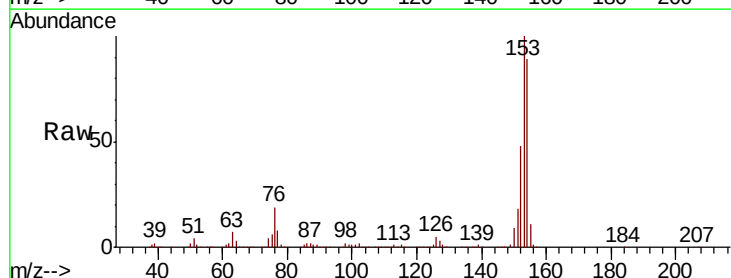
Tgt Ion:154 Resp: 1500020

Ion Ratio Lower Upper

154 100

153 112.4 89.4 134.0

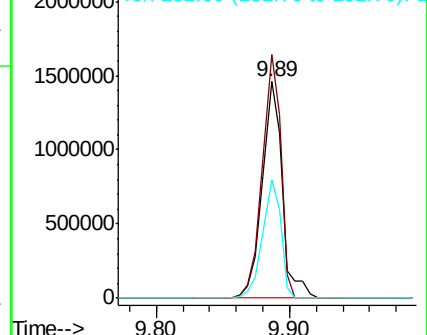
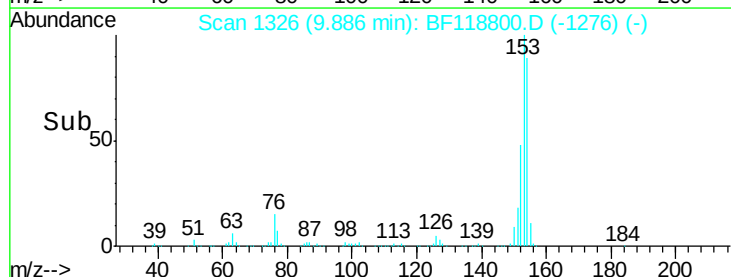
152 54.4 43.6 65.4

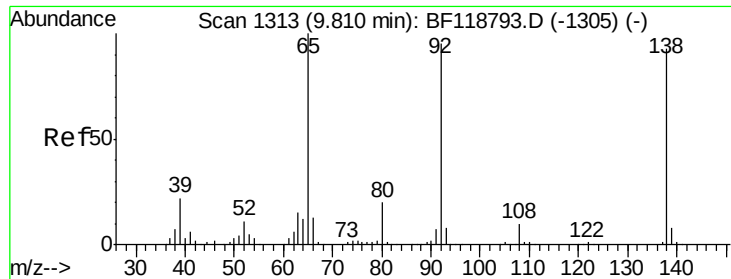


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

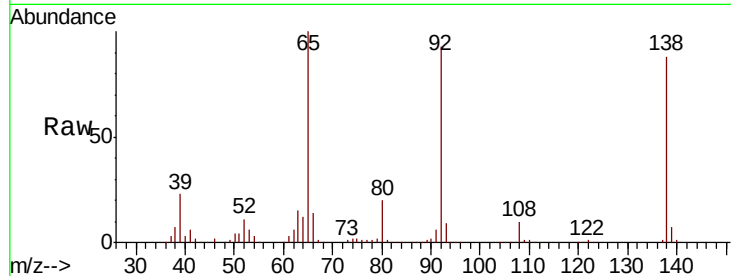




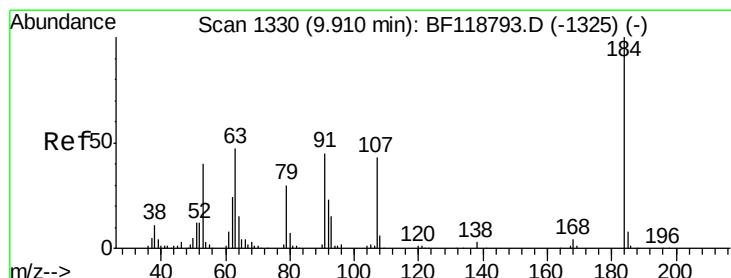
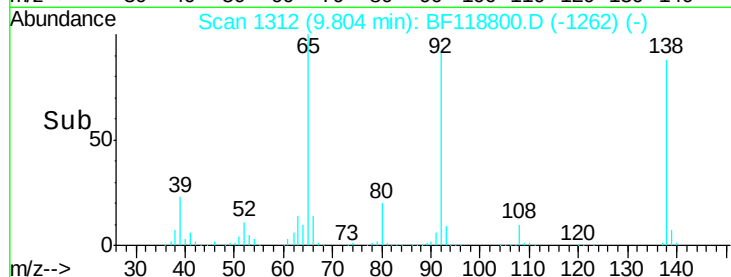
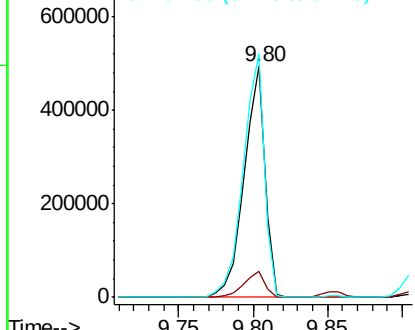
#53
3-Nitroaniline
Concen: 40.078 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 477864
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 105.6 82.2 123.4

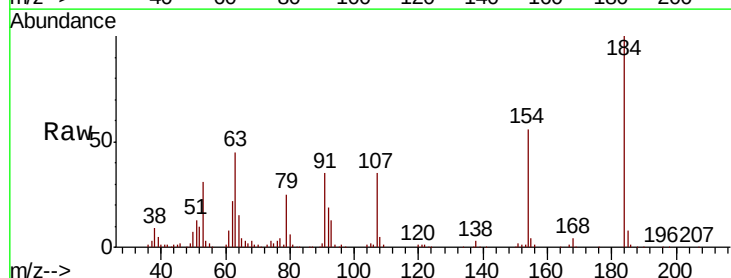


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

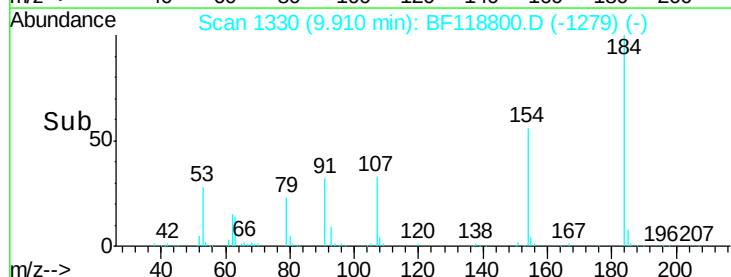
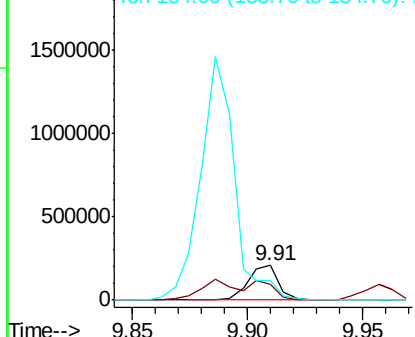


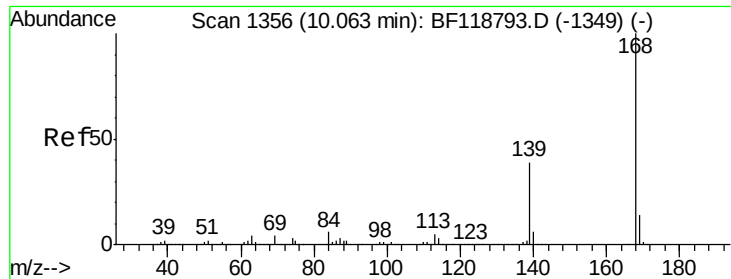
#54
2,4-Dinitrophenol
Concen: 37.926 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion:184 Resp: 196016
Ion Ratio Lower Upper
184 100
63 45.4 47.5 71.3#
154 56.2 48.6 72.8



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

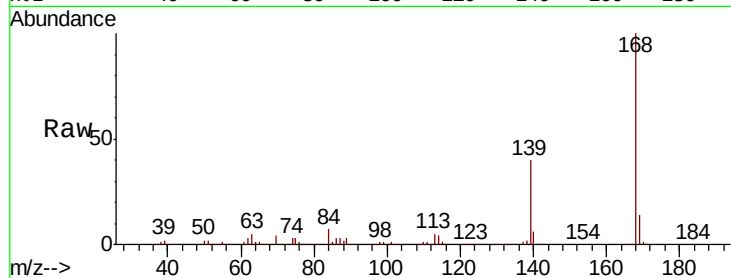




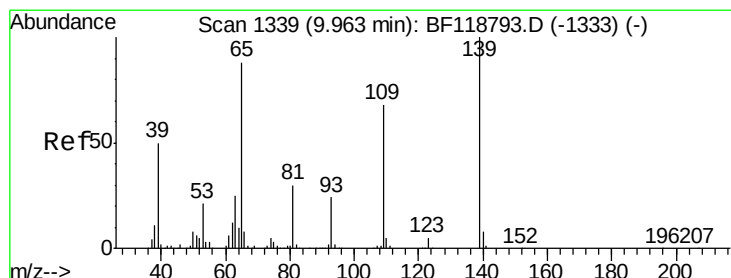
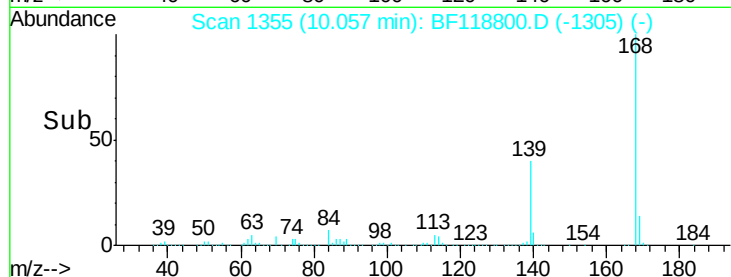
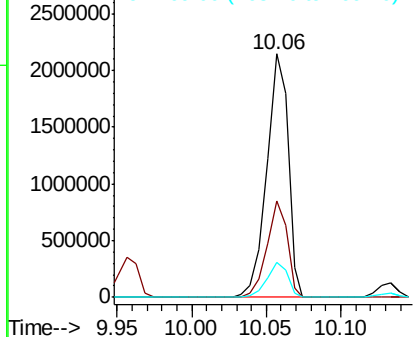
#55
Dibenzofuran
Concen: 38.792 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2116708
Ion Ratio Lower Upper
168 100
139 39.8 31.6 47.4
169 14.3 11.4 17.2

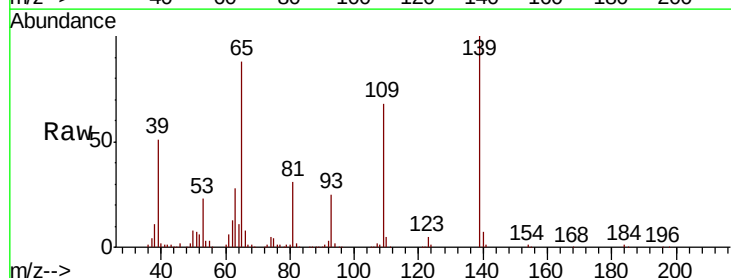


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

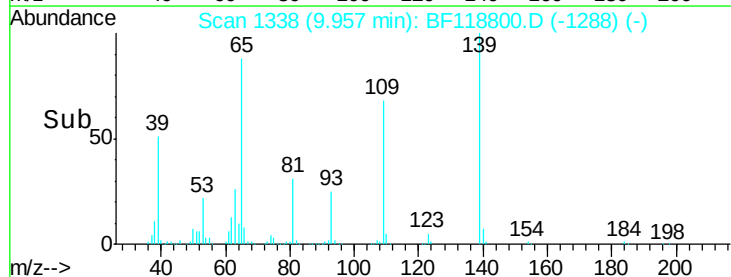
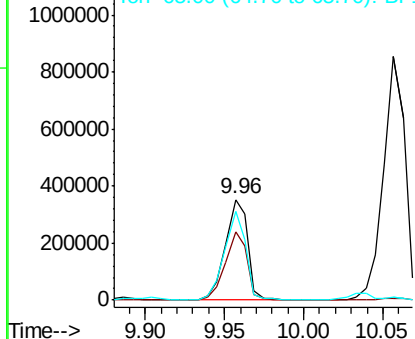


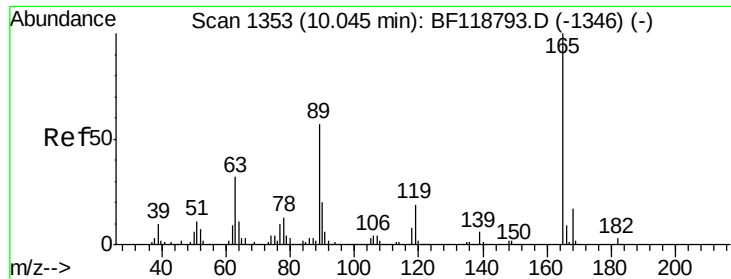
#56
4-Nitrophenol
Concen: 40.652 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion:139 Resp: 350802
Ion Ratio Lower Upper
139 100
109 68.3 48.0 88.0
65 88.3 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

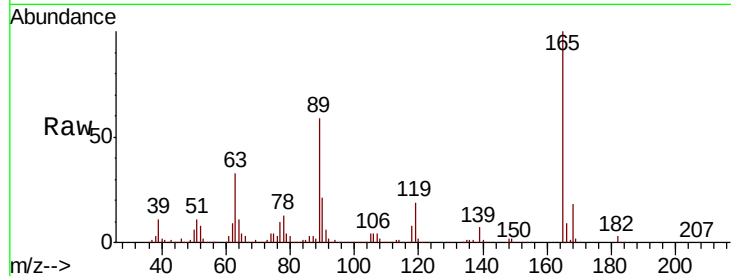




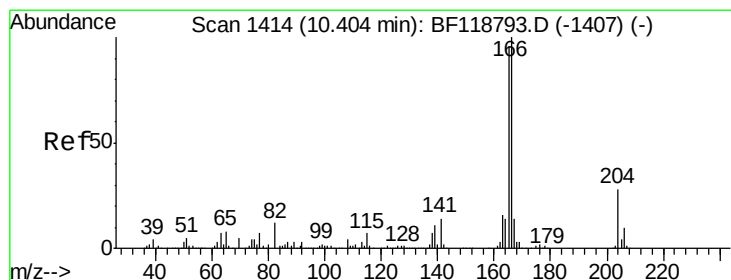
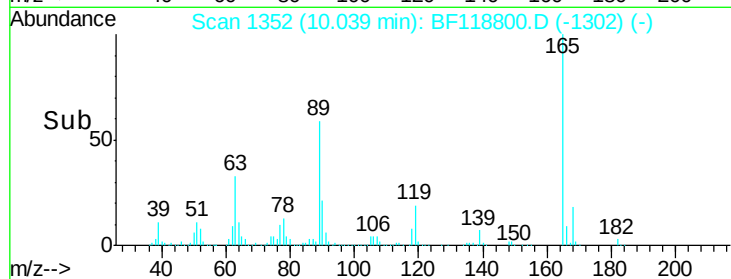
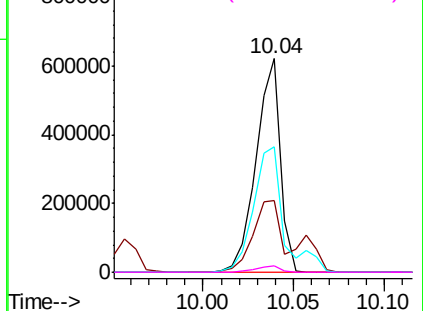
#57
 2,4-Dinitrotoluene
 Concen: 40.586 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 577449
 Ion Ratio Lower Upper
 165 100
 63 33.4 25.5 38.3
 89 58.6 45.4 68.0
 182 2.9 2.4 3.6

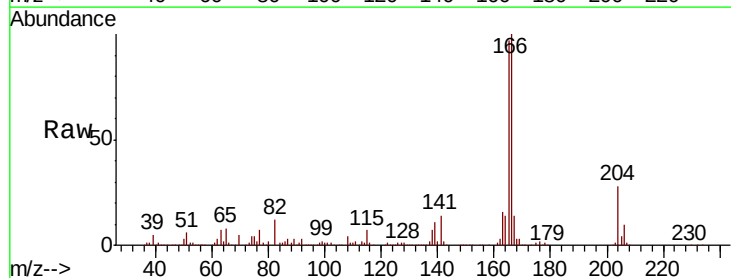


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

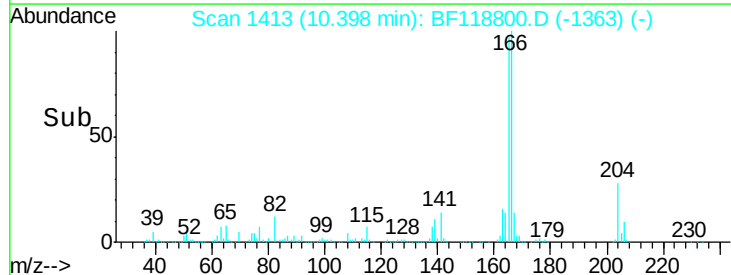
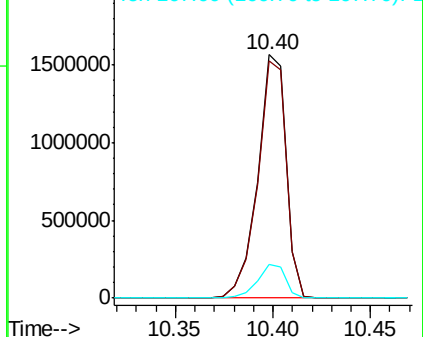


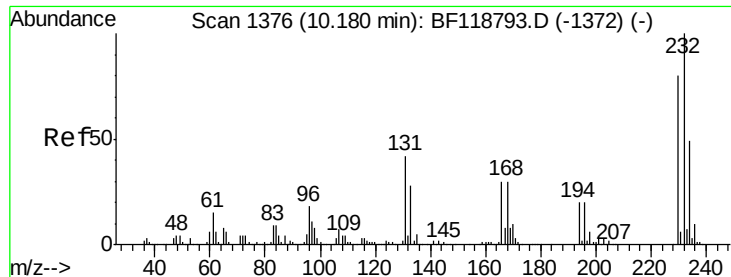
#58
 Fluorene
 Concen: 38.359 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion:166 Resp: 1574649
 Ion Ratio Lower Upper
 166 100
 165 97.3 77.0 115.6
 167 14.0 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

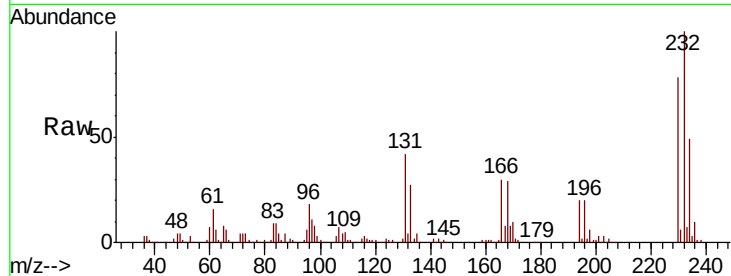




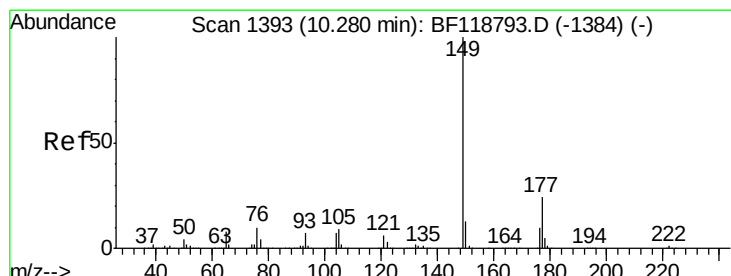
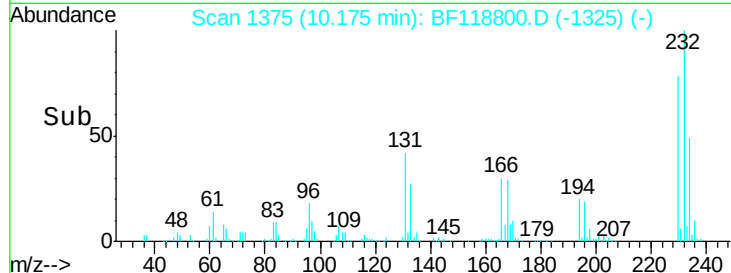
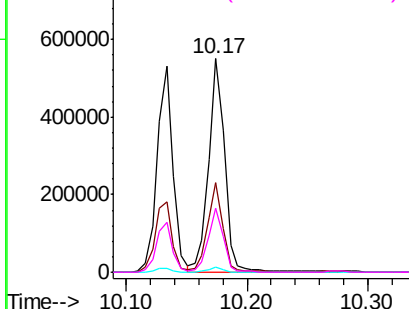
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.554 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	503981
Ion	Ratio	Lower	Upper
232	100		
131	39.7	31.8	47.6
130	2.0	1.6	2.4
166	28.6	23.1	34.7

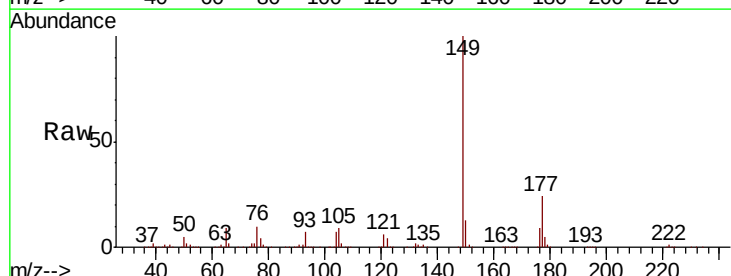


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

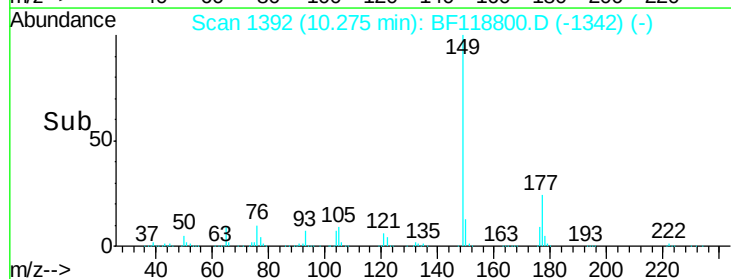
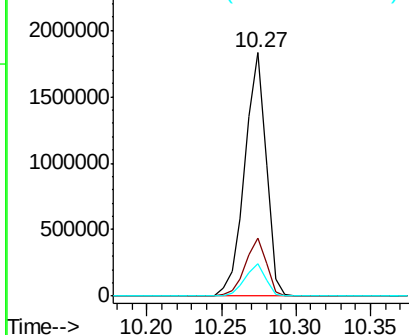


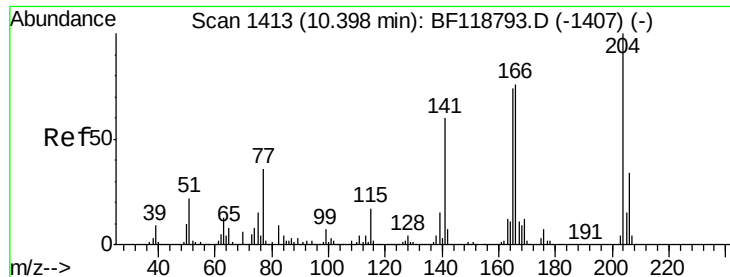
#60
 Diethylphthalate
 Concen: 39.771 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion:	149	Resp:	1817108
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.3	28.9
150	13.2	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

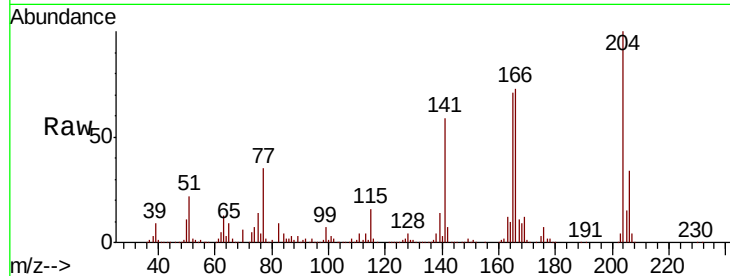




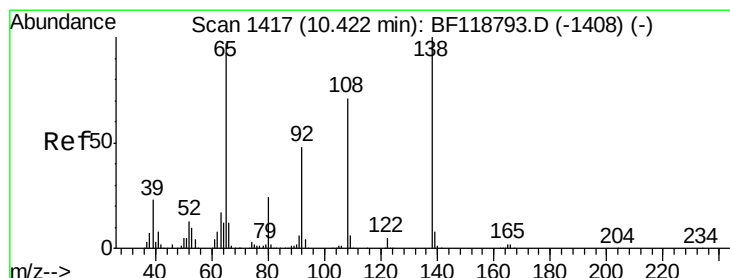
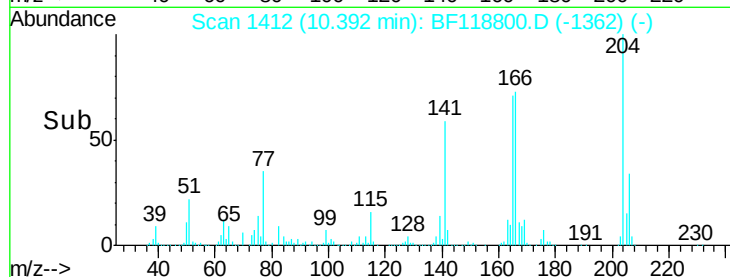
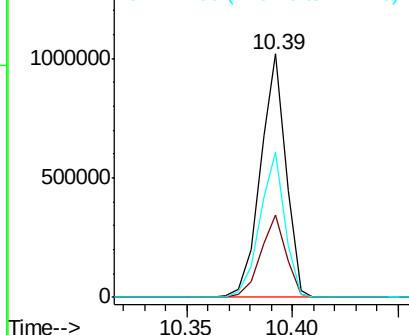
#61
4-Chlorophenyl-phenylether
Concen: 38.271 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 851994
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 59.3 47.8 71.6

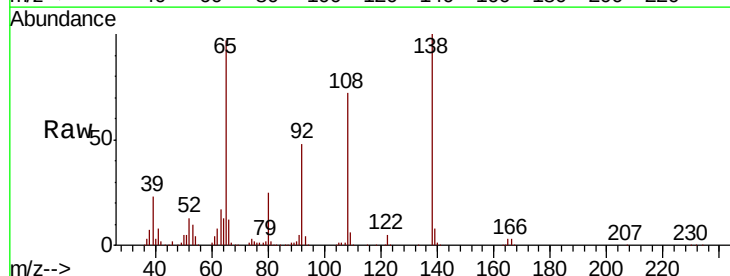


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

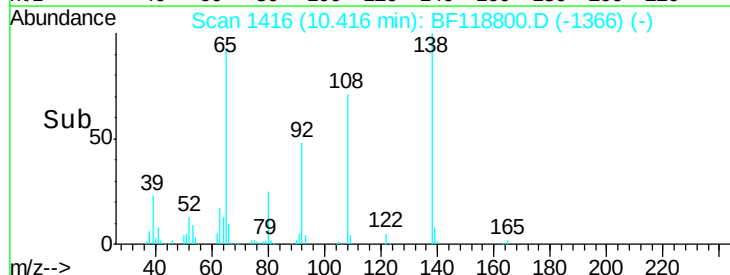
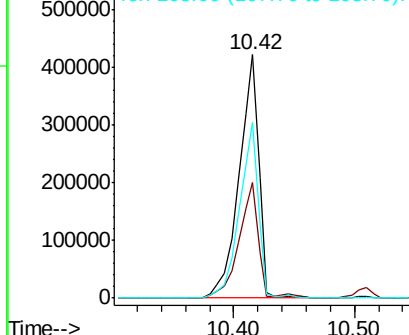


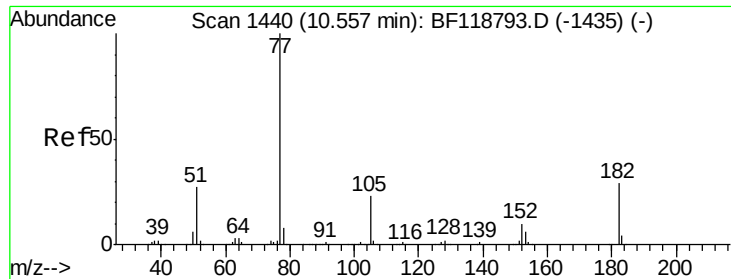
#62
4-Nitroaniline
Concen: 40.305 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion:138 Resp: 481245
Ion Ratio Lower Upper
138 100
92 47.6 27.6 67.6
108 72.3 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: 40.073 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1563103

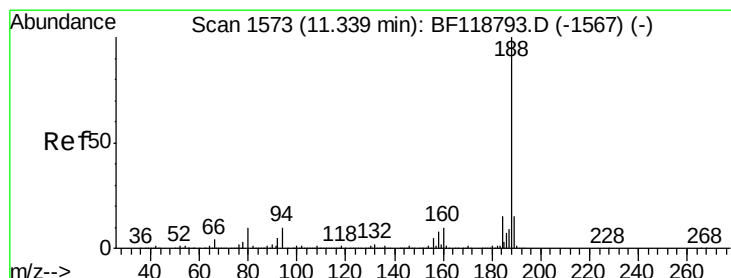
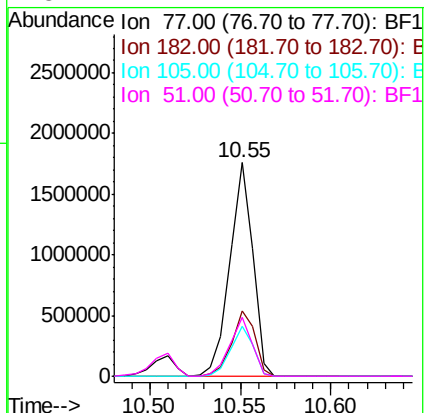
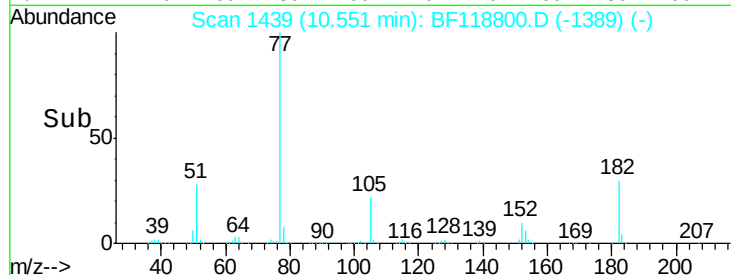
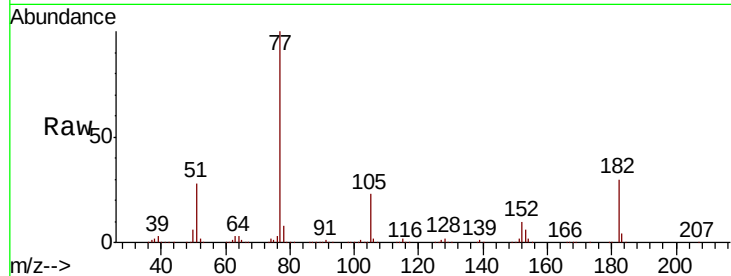
Ion	Ratio	Lower	Upper
77	100		
182	30.3	9.2	49.2
105	23.2	3.1	43.1
51	27.7	7.4	47.4

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

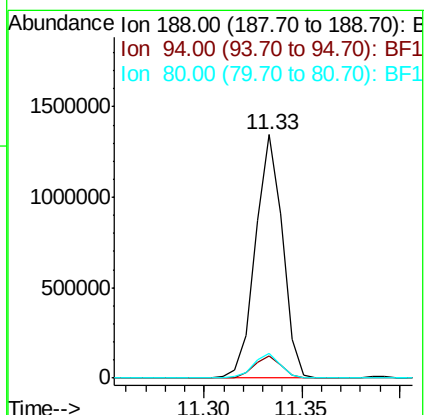
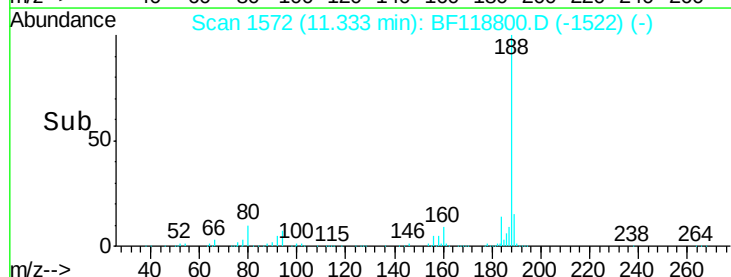
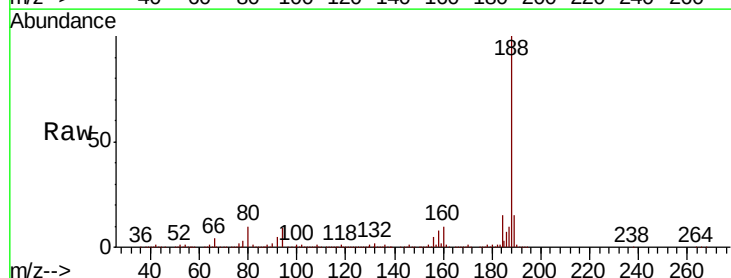
Tgt Ion: 188 Resp: 1291365

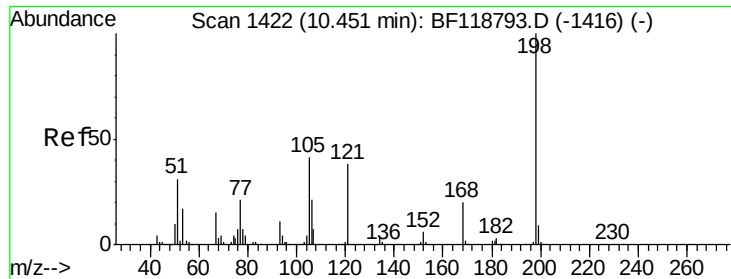
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.0	8.4	12.6

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

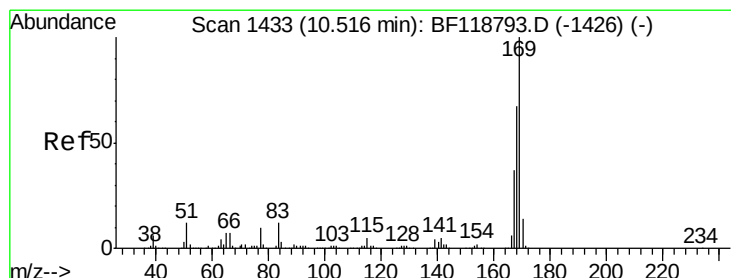
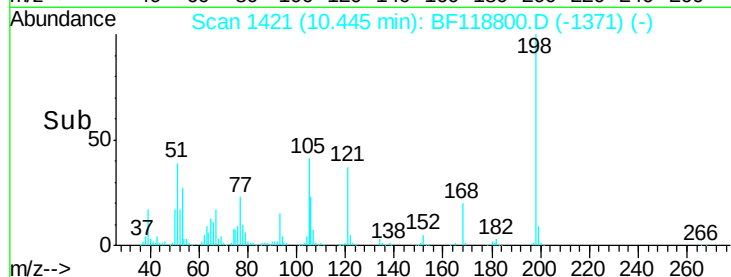
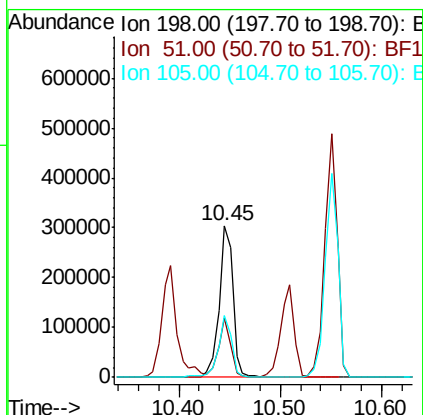
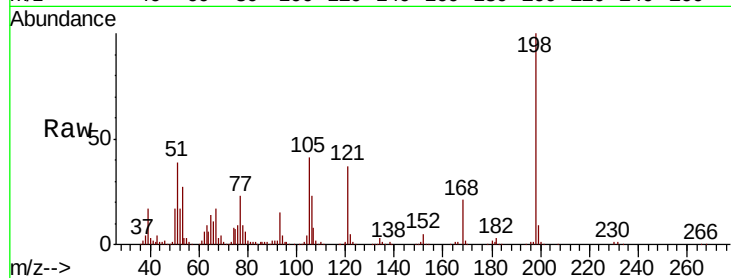




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.724 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

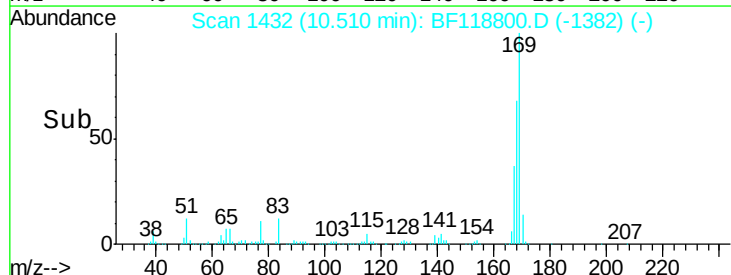
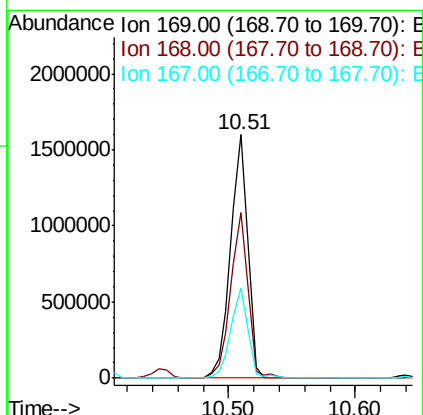
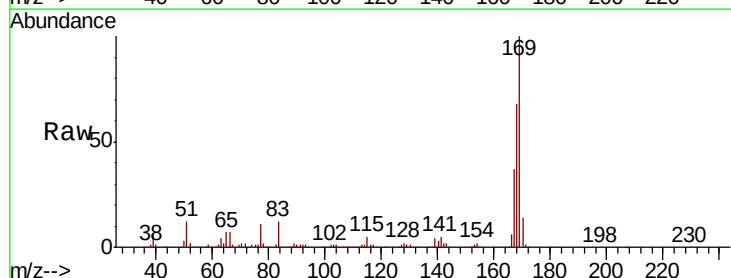
Instrument :
 BNA_F
 ClientSampleId :

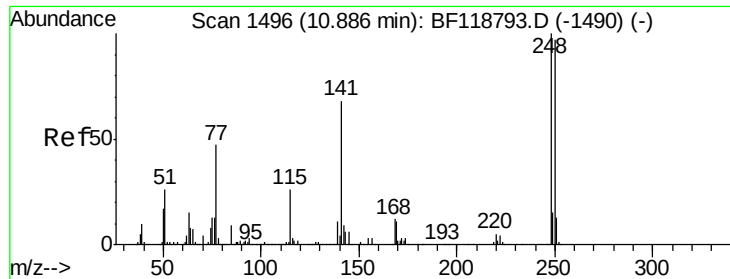
Tot Ion:198 Resp: 288250
 Ion Ratio Lower Upper
 198 100
 51 39.0 16.7 56.7
 105 40.8 22.0 62.0



#66
 n-Nitrosodiphenylamine
 Concen: 39.969 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion:169 Resp: 1495079
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.5 80.3
 167 36.7 29.3 43.9

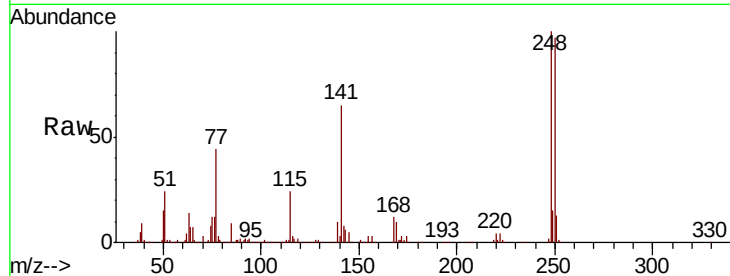




#67
 4-Bromophenyl-phenylether
 Concen: 39.829 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.6	116.4
141	64.7	54.4	81.6

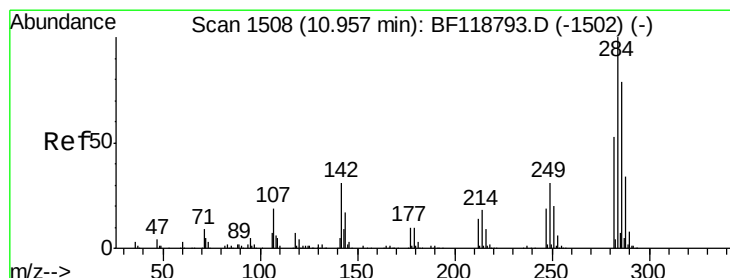
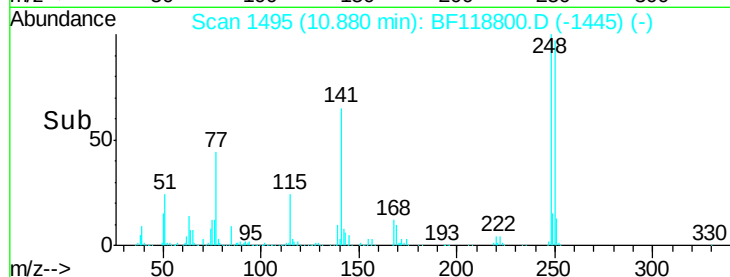
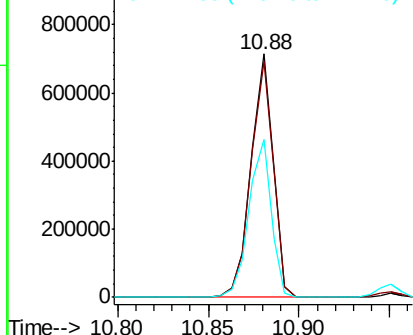


Abundance

Ion 248.00 (247.70 to 248.70): E

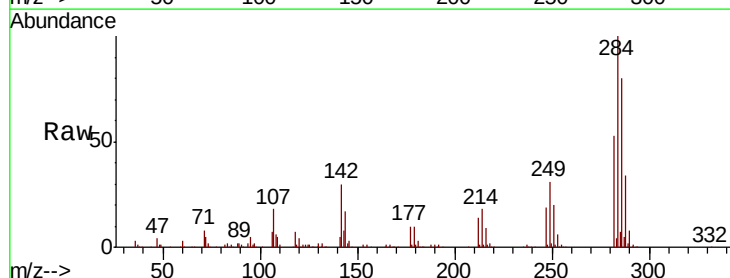
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.857 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	24.5	36.7
249	30.7	24.7	37.1

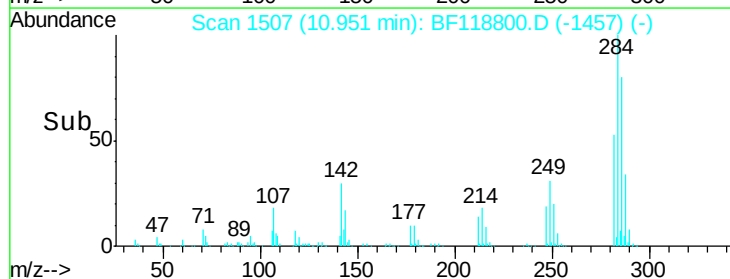
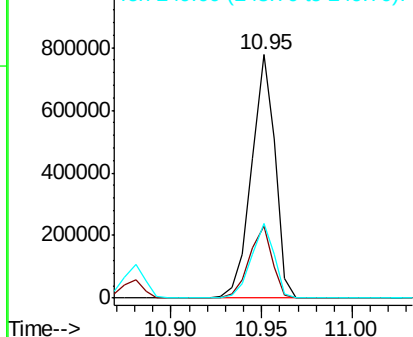


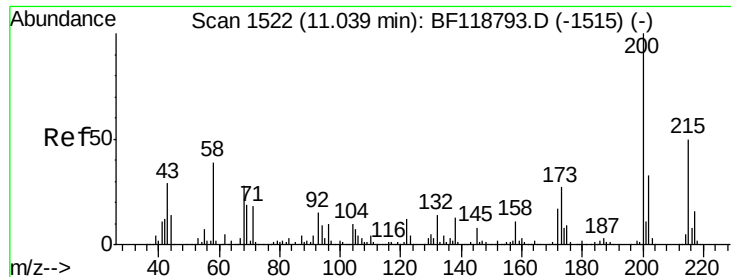
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

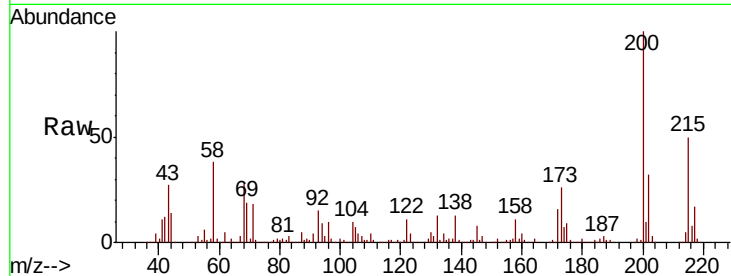




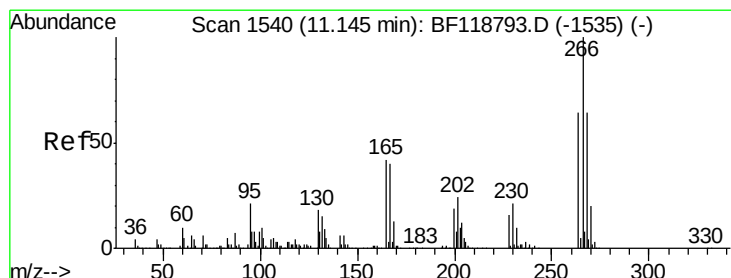
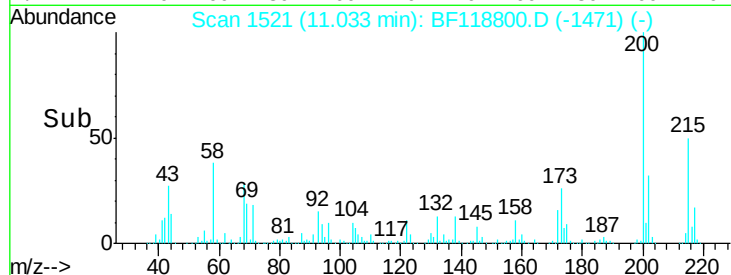
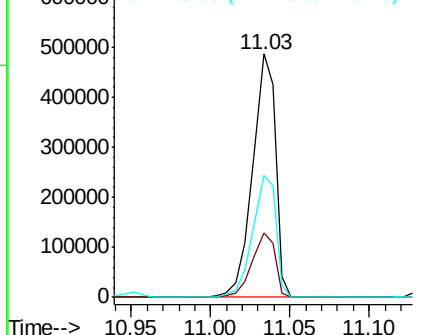
#69
 Atrazine
 Concen: 39.232 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.5	47.5
215	50.2	29.9	69.9

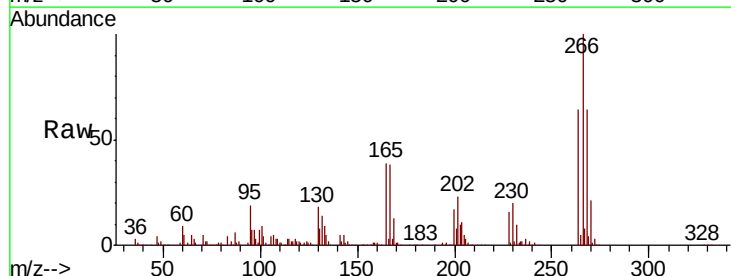


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

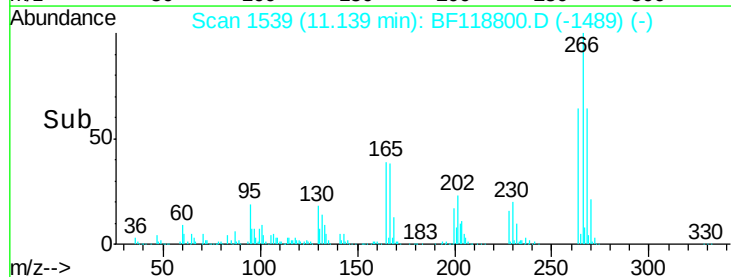
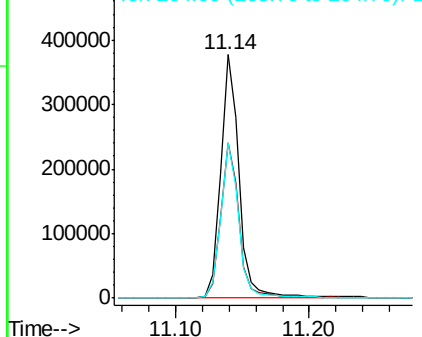


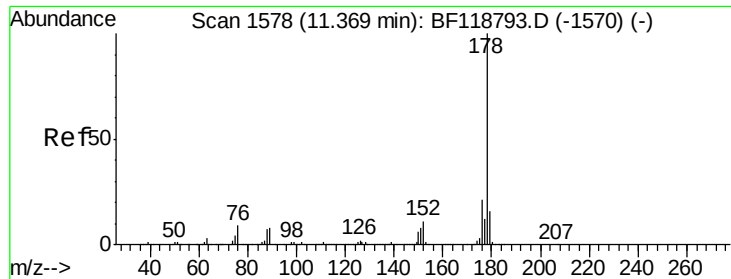
#70
 Pentachlorophenol
 Concen: 39.834 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.0	76.6
264	63.8	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: 38.763 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

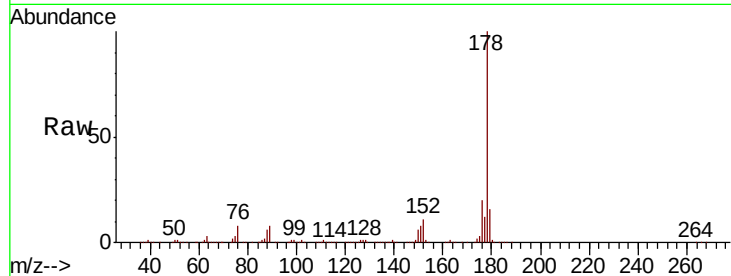
Tot Ion:178 Resp: 2462894

Ion Ratio Lower Upper

178 100

176 20.3 16.6 24.8

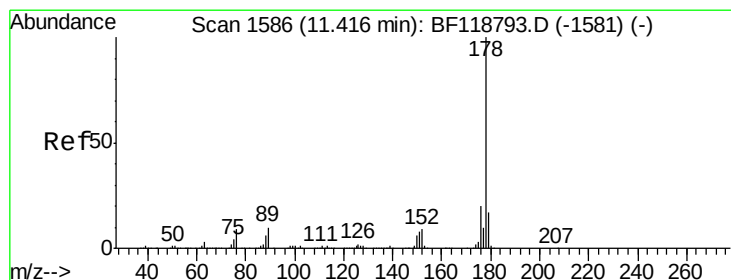
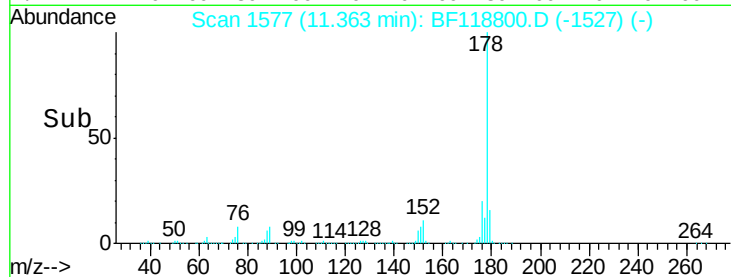
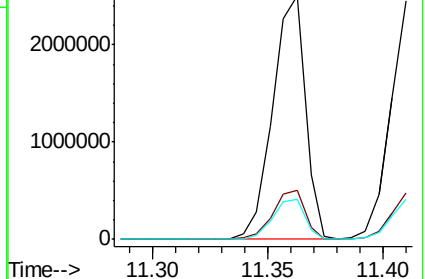
179 16.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.139 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

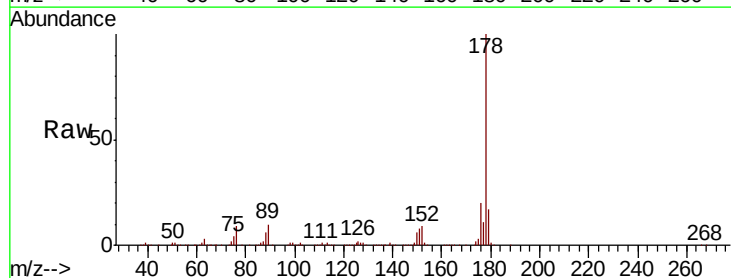
Tgt Ion:178 Resp: 2473937

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.2

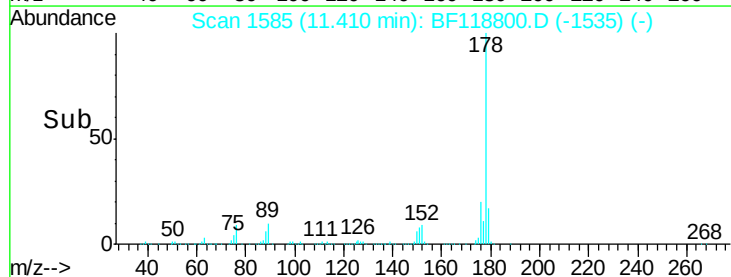
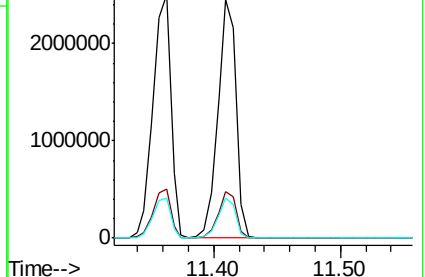
179 16.7 13.4 20.2

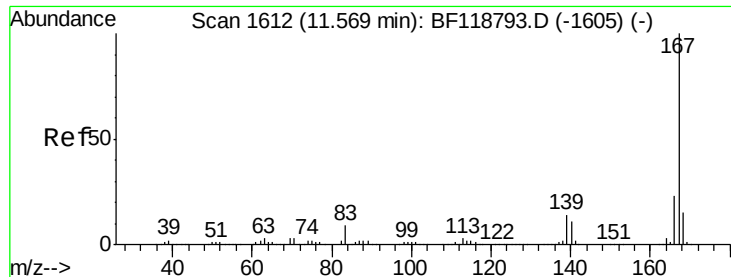


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



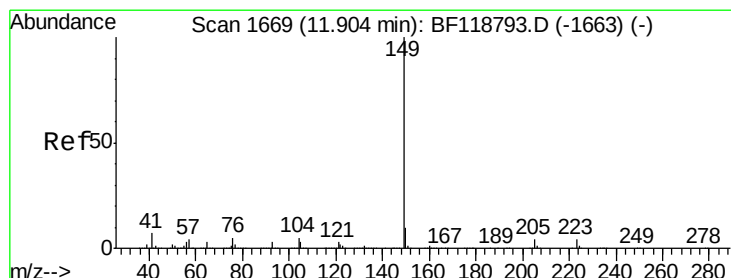
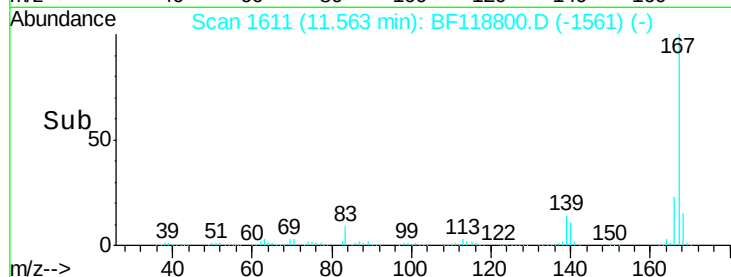
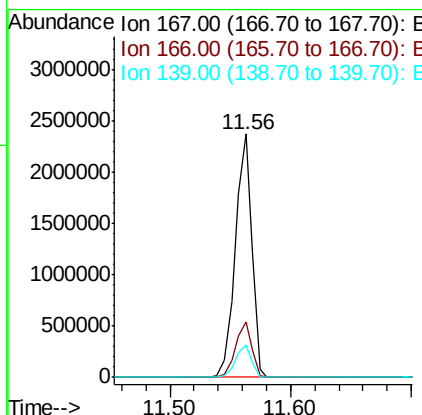
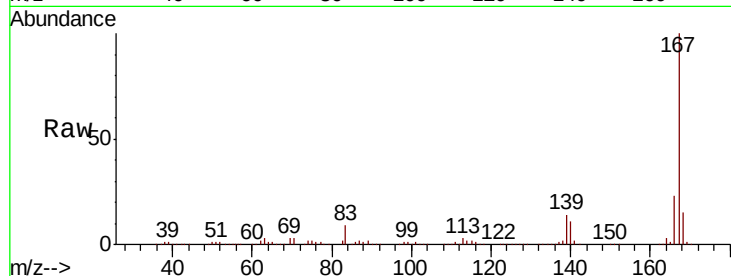


#73
 Carbazole
 Concen: 40.669 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2255967

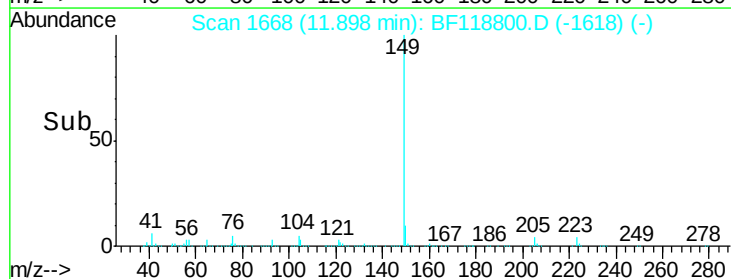
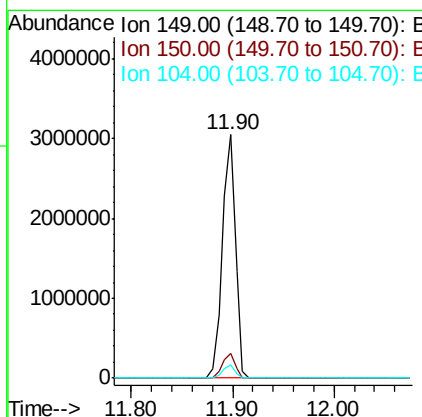
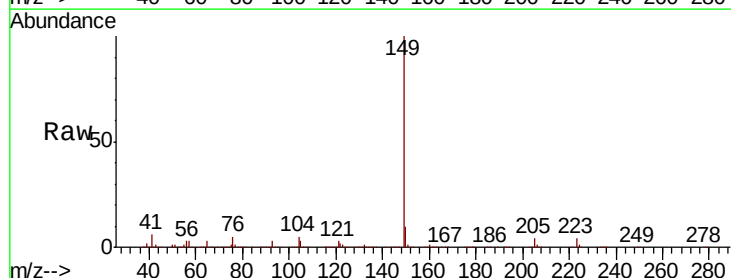
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.4	27.6
139	13.5	11.1	16.7

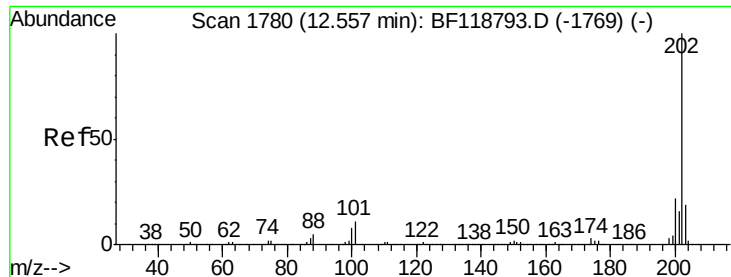


#74
 Di-n-butylphthalate
 Concen: 38.444 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion:149 Resp: 2716612

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	5.3	4.3	6.5

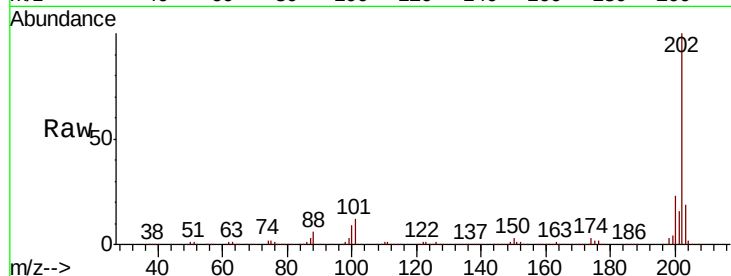




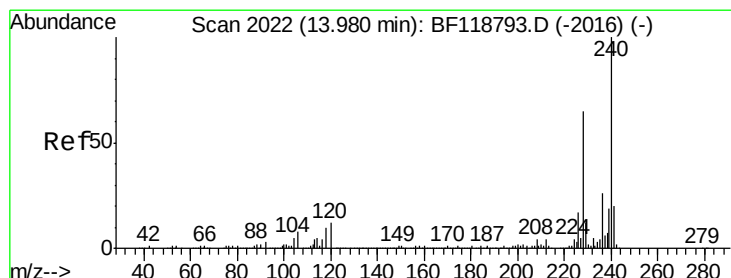
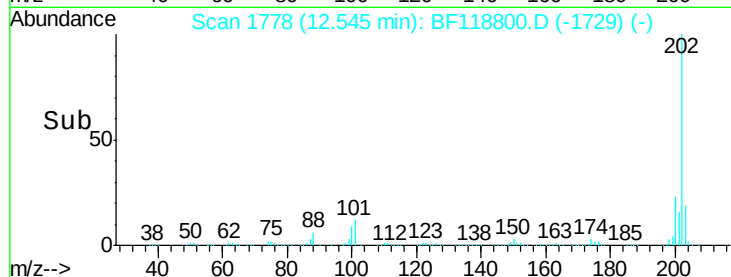
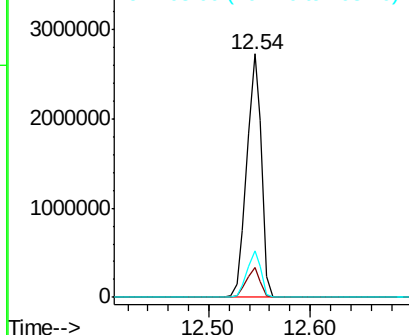
#75
Fluoranthene
Concen: 39.342 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2729211
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.0
203 19.1 0.0 38.7

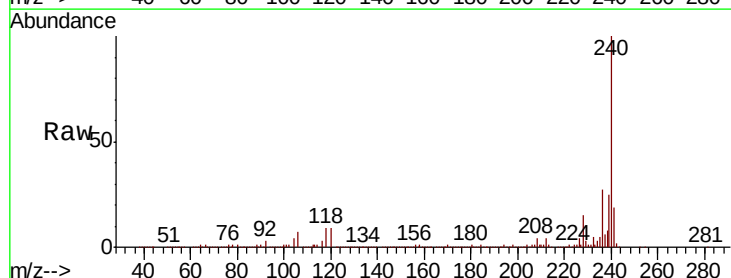


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

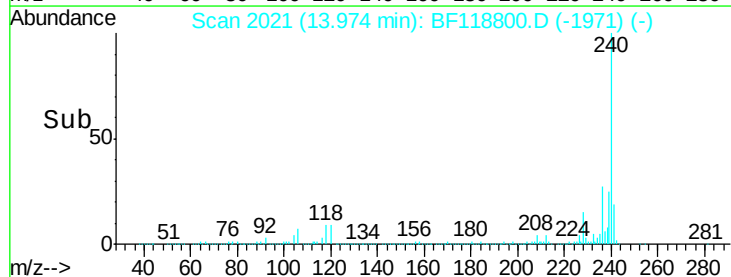
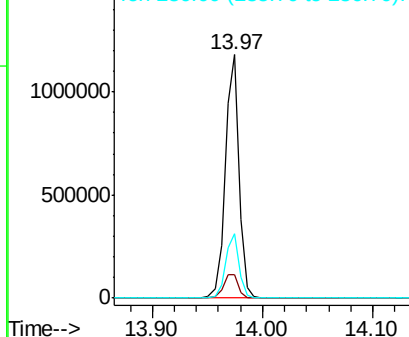


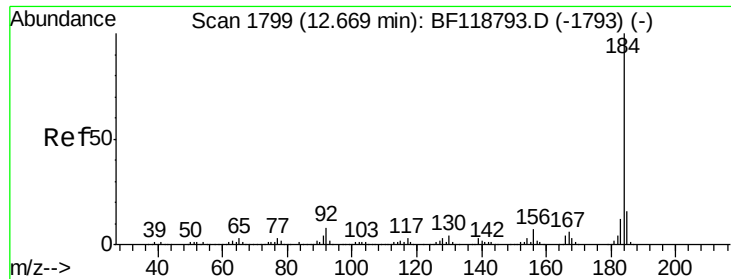
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion:240 Resp: 1021215
Ion Ratio Lower Upper
240 100
120 9.5 9.4 14.0
236 26.7 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: 41.469 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

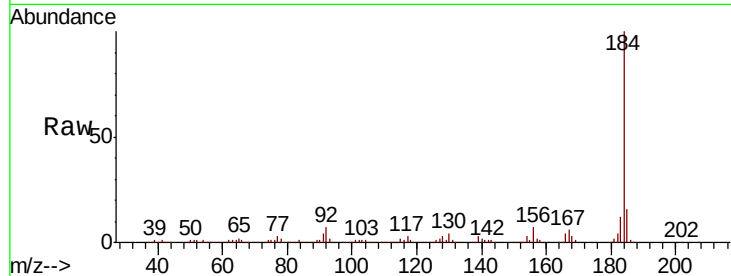
Tot Ion:184 Resp: 1280869

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.5	18.7
183	12.4	9.7	14.5

184 100

185 15.5 12.5 18.7

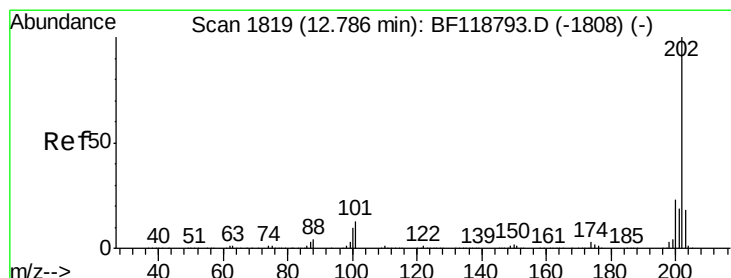
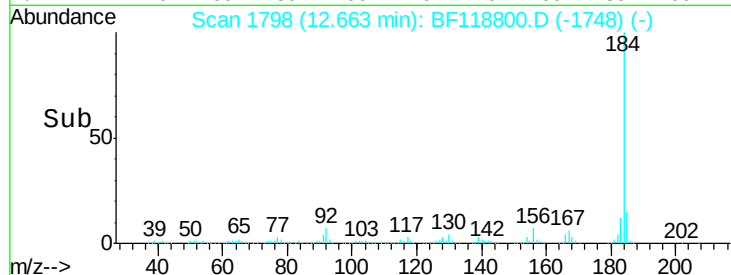
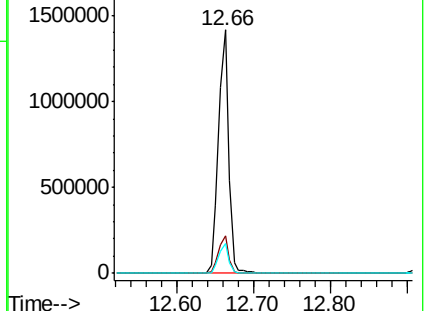
183 12.4 9.7 14.5



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: 39.182 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

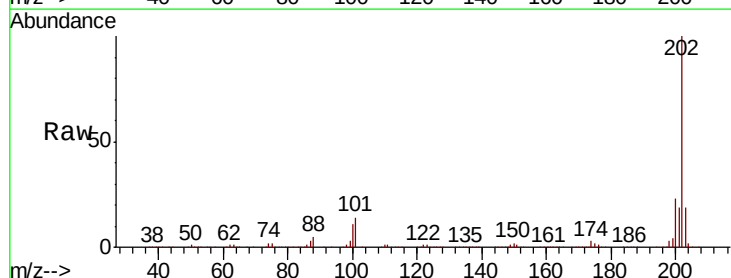
Tgt Ion:202 Resp: 2744985

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.2	27.2
203	19.1	14.8	22.2

202 100

200 23.0 18.2 27.2

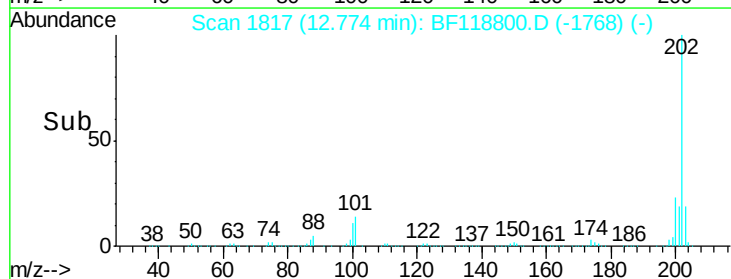
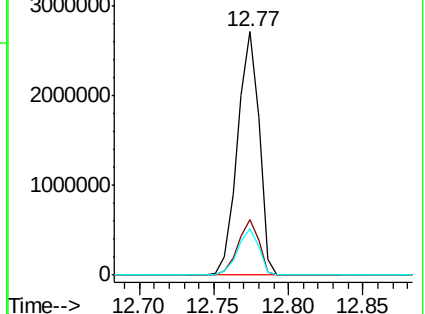
203 19.1 14.8 22.2

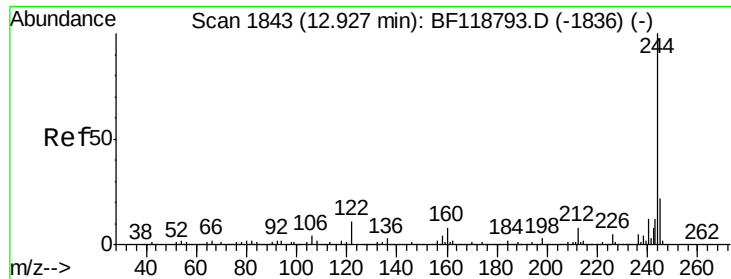


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

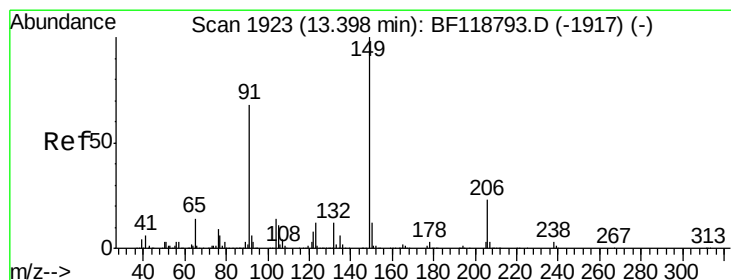
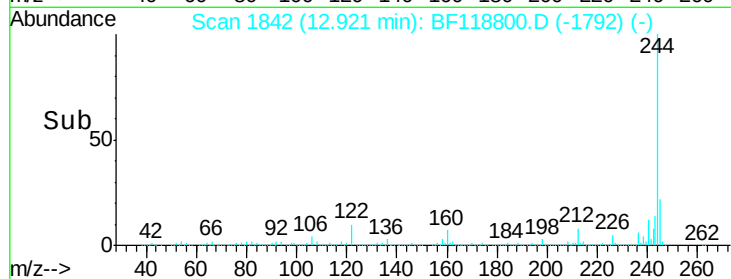
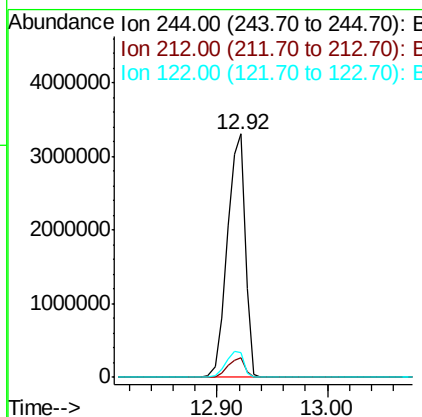
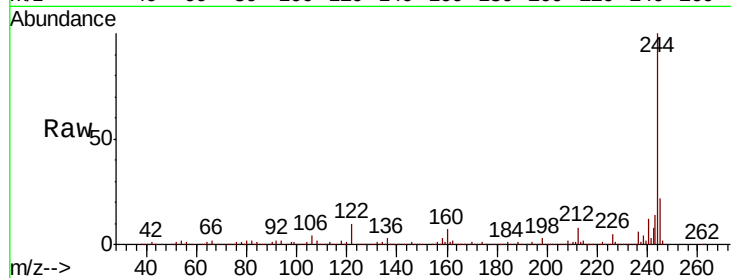




#79
 Terphenyl-d14
 Concen: 75.633 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

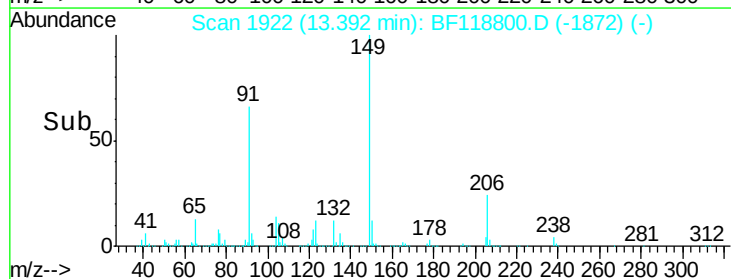
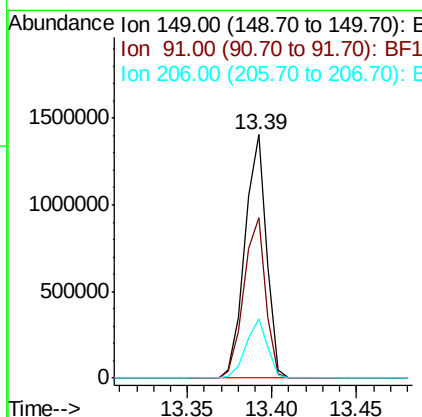
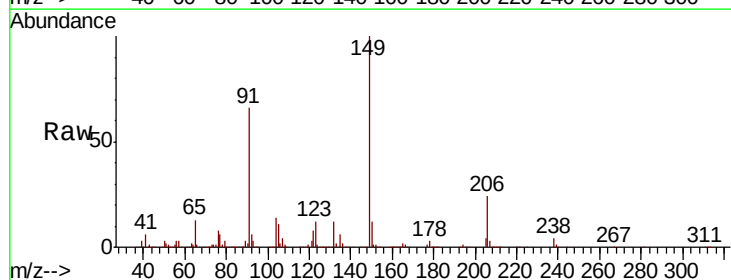
Instrument :
 BNA_F
 ClientSampled :

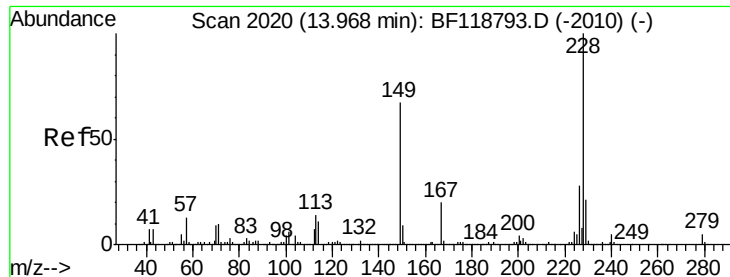
Tot Ion:244 Resp: 3760287
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 10.3 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 39.184 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF118800.D
 Acq: 4 Feb 2020 13:31

Tgt Ion:149 Resp: 1252957
 Ion Ratio Lower Upper
 149 100
 91 65.9 54.7 82.1
 206 24.4 18.5 27.7





#81

Benzo(a)anthracene

Concen: 39.650 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

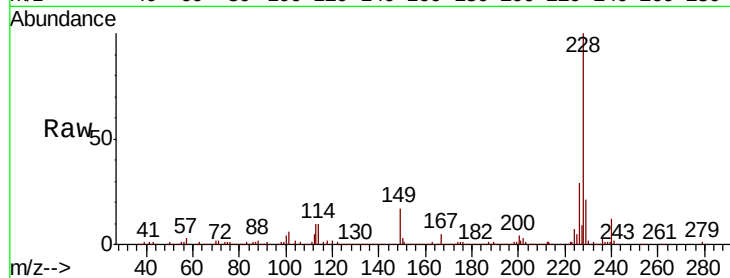
Tot Ion:228 Resp: 2409483

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

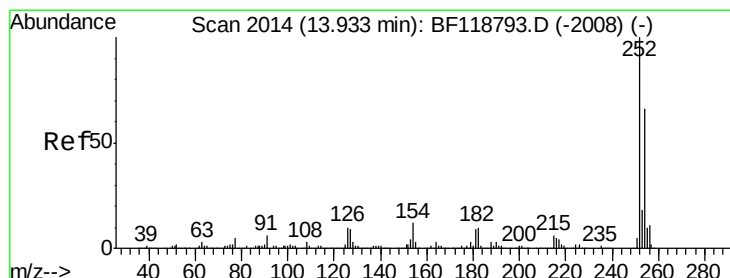
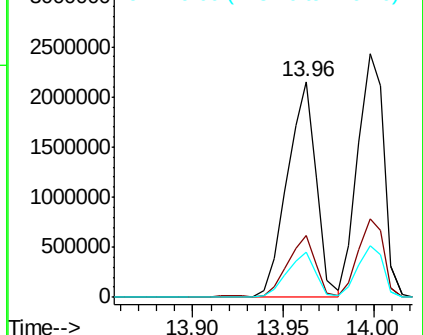
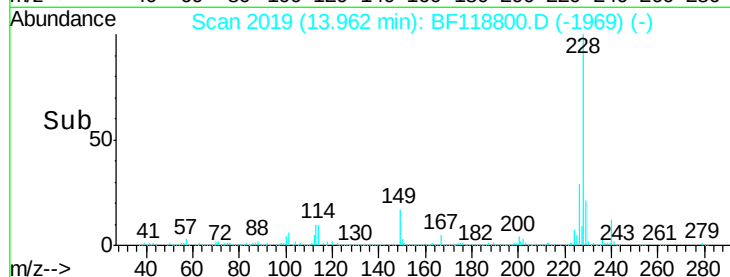
229 20.9 16.6 25.0



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: 40.724 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

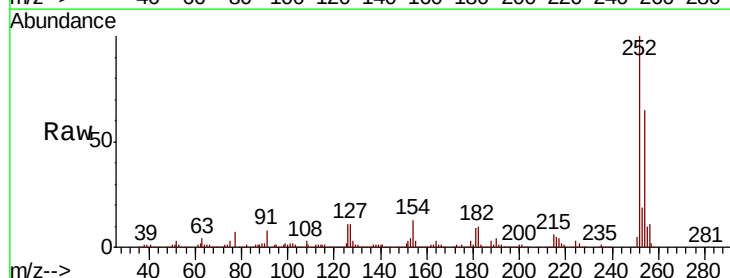
Tgt Ion:252 Resp: 1012153

Ion Ratio Lower Upper

252 100

254 65.4 52.4 78.6

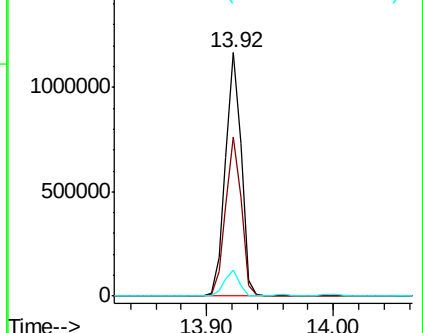
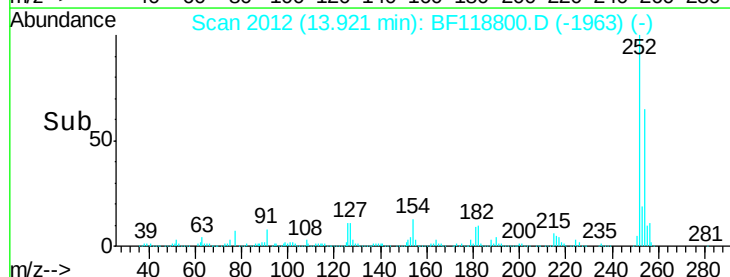
126 10.5 7.8 11.8

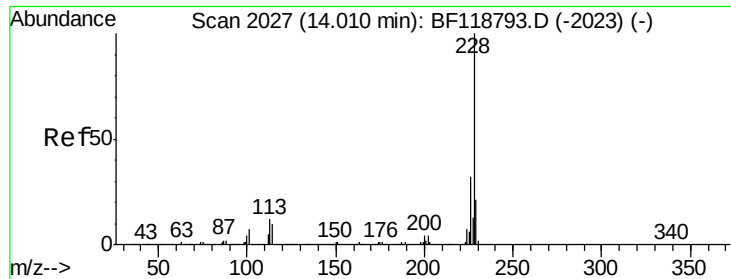


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.187 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

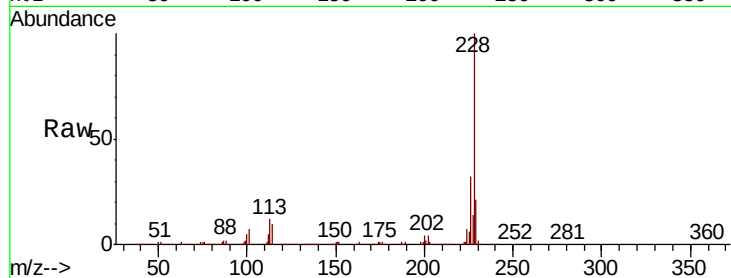
Tot Ion:228 Resp: 2450999

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

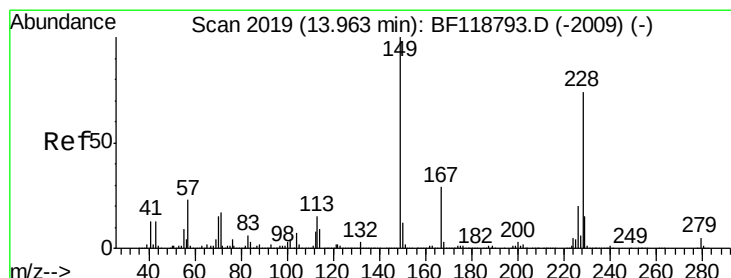
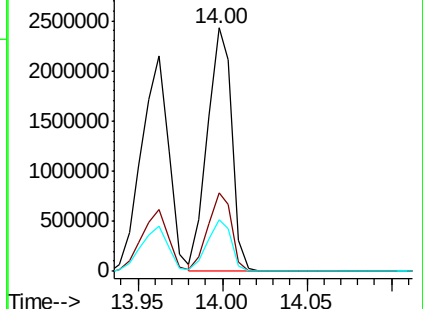
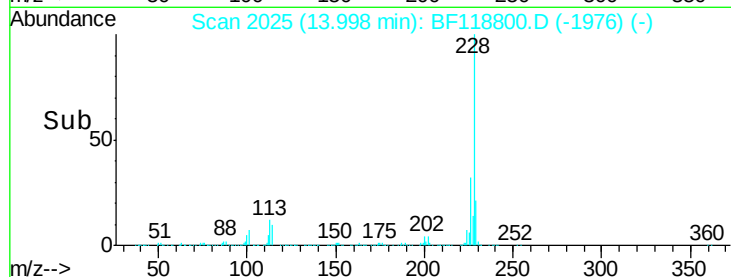
229 21.2 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.183 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

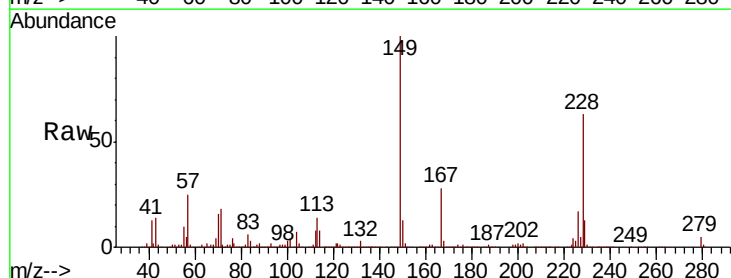
Tgt Ion:149 Resp: 1589617

Ion Ratio Lower Upper

149 100

167 28.1 23.0 34.6

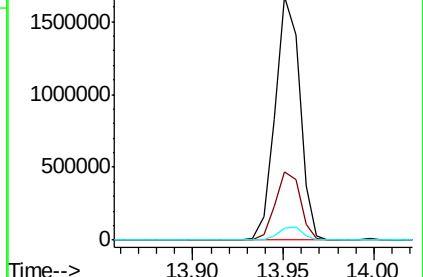
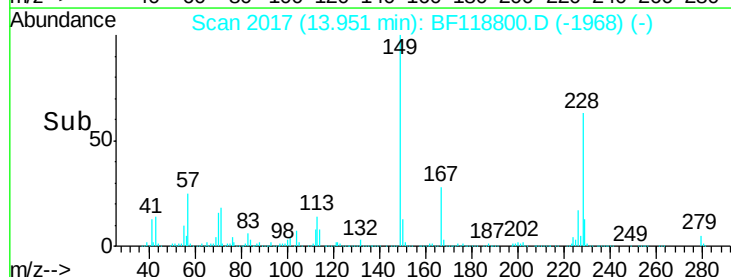
279 4.9 4.4 6.6

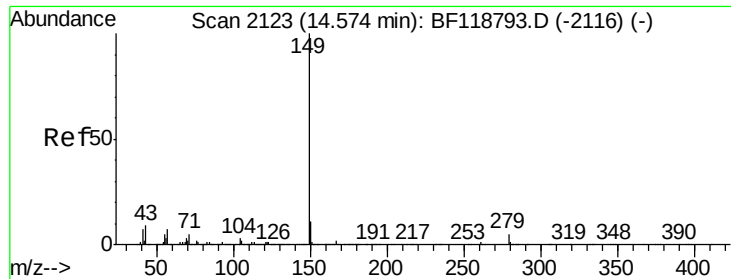


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

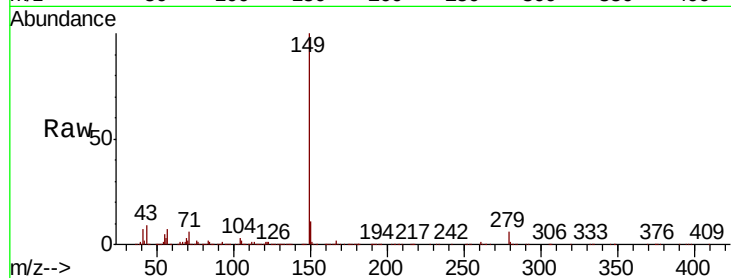




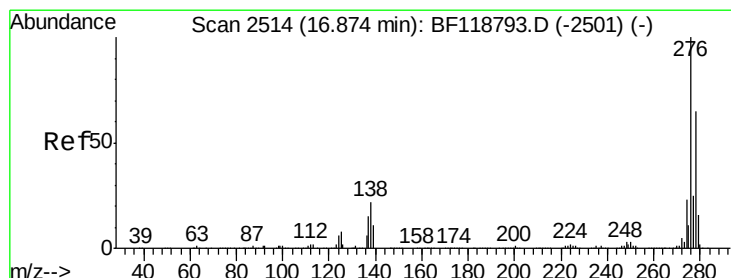
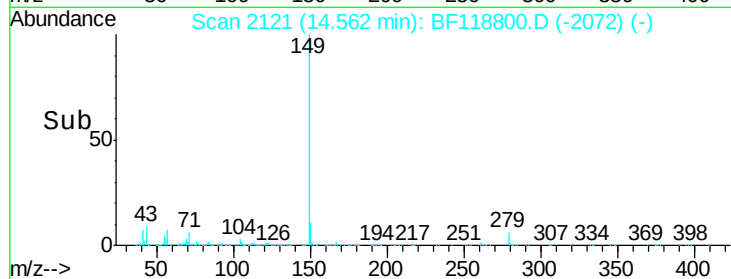
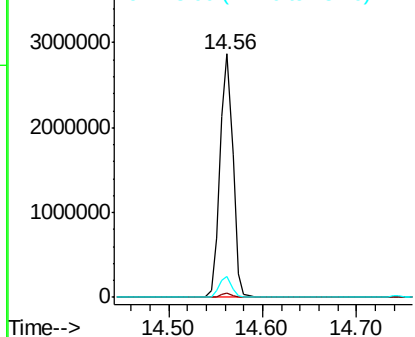
#85
Di-n-octyl phthalate
Concen: 39.736 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2761657
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.5 6.6 10.0

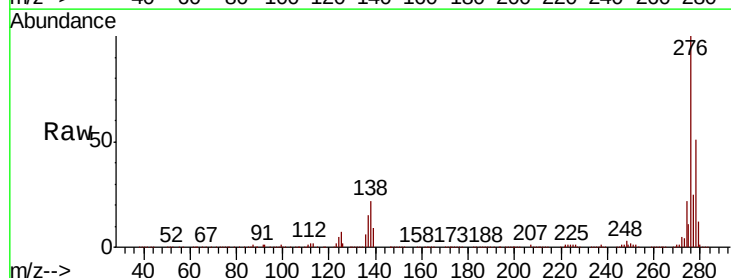


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

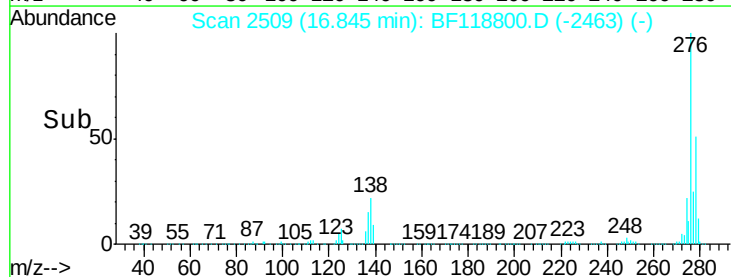
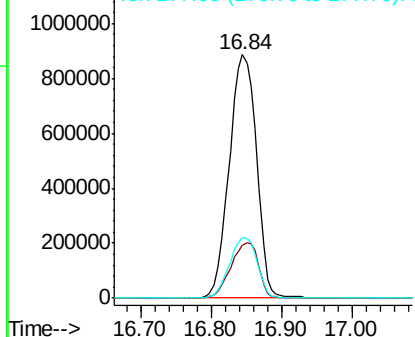


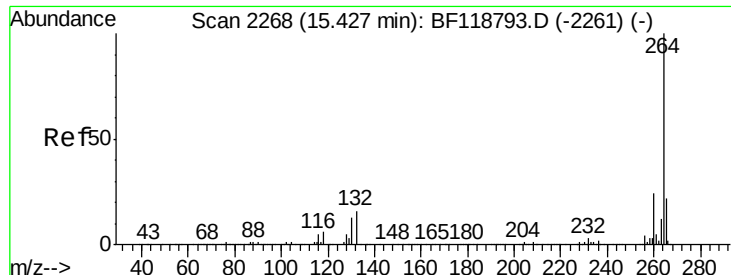
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.885 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.03 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion:276 Resp: 2382841
Ion Ratio Lower Upper
276 100
138 23.2 18.3 27.5
277 25.4 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



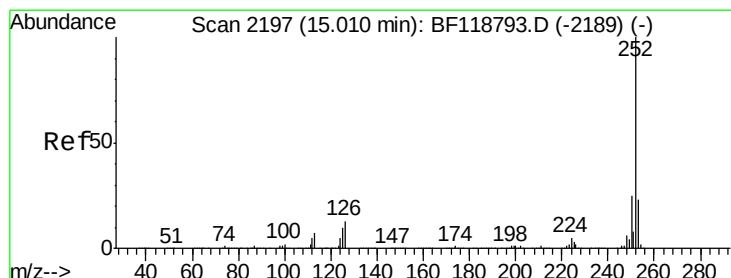
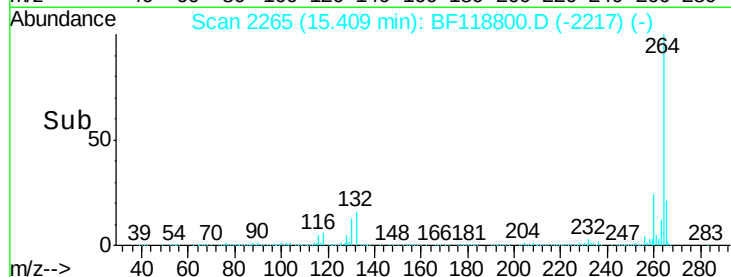
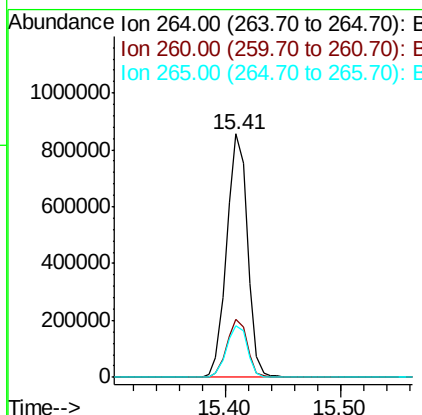
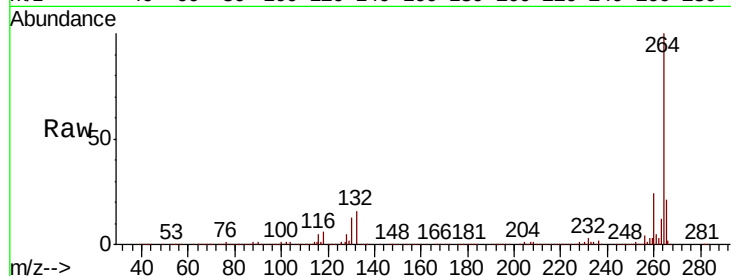


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1068939

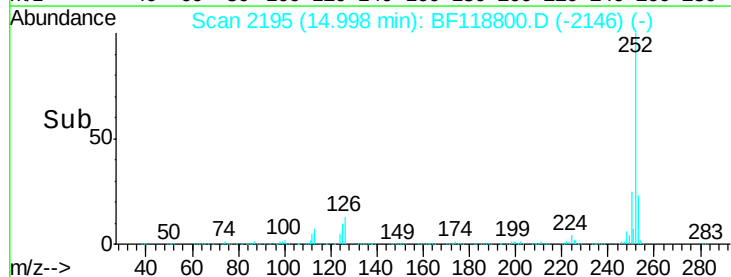
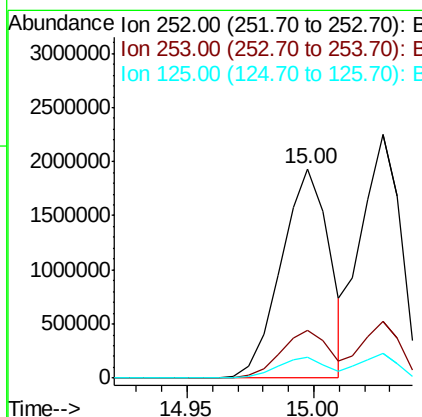
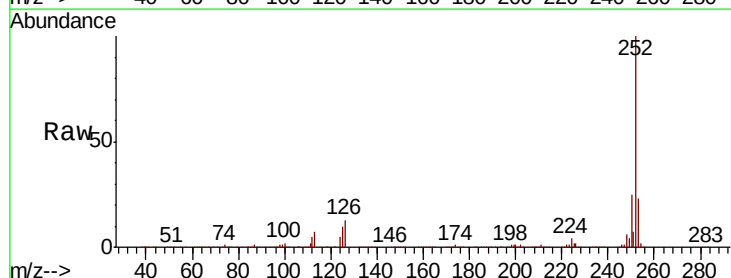
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.5	17.2	25.8

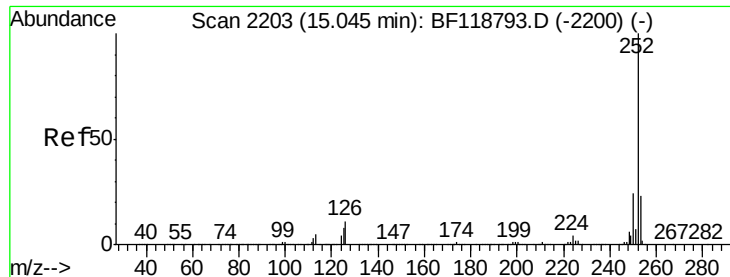


#88
Benzo(b)fluoranthene
Concen: 38.708 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion:252 Resp: 2567506

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	9.8	8.1	12.1

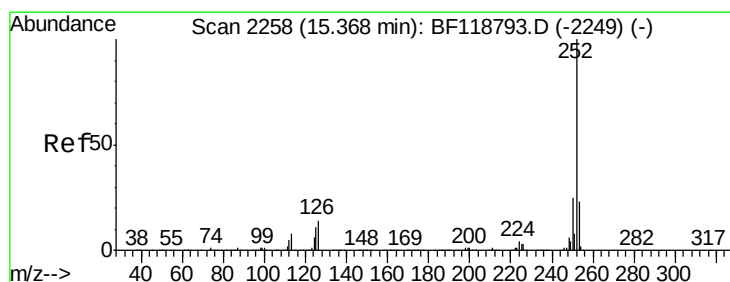
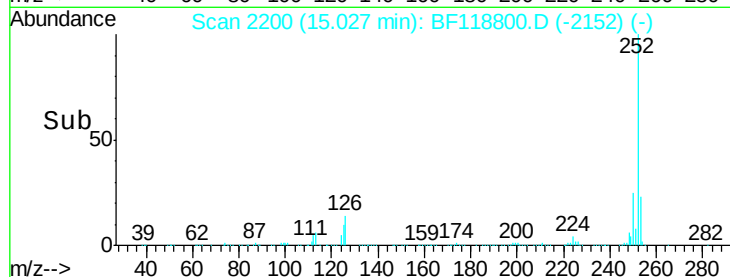
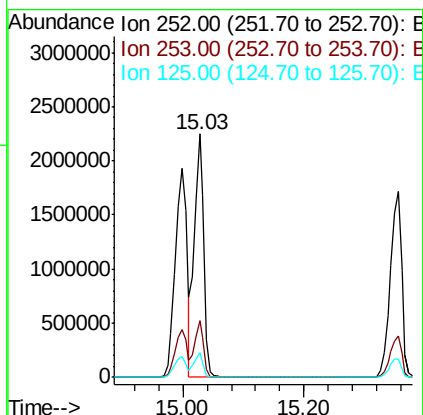
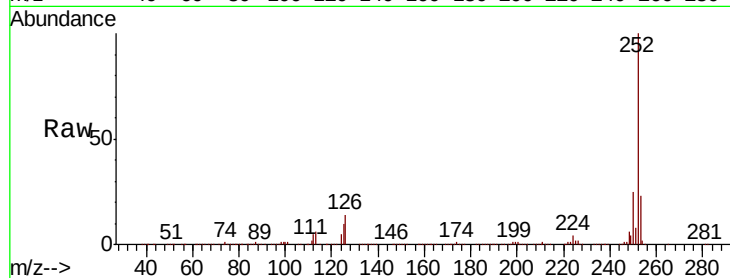




#89
Benzo(k)fluoranthene
Concen: 42.820 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

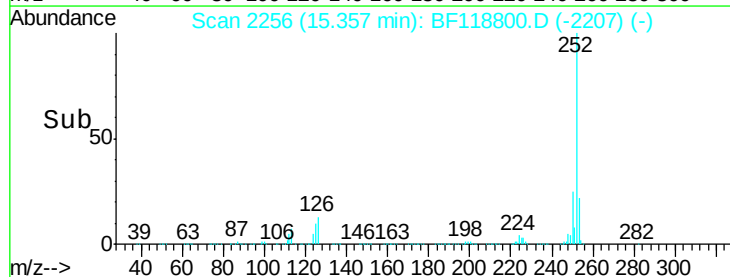
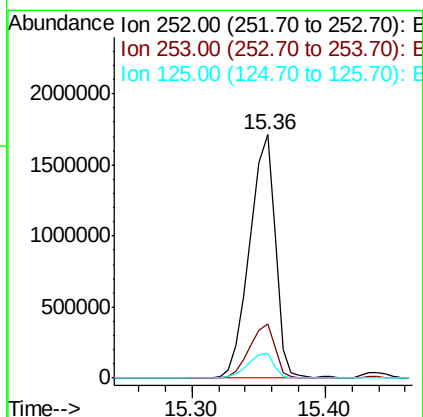
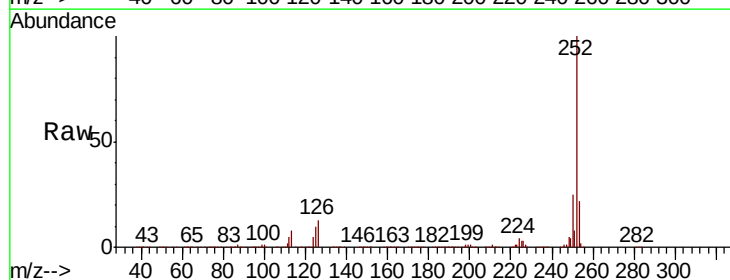
Instrument :
BNA_F
ClientSampleId :

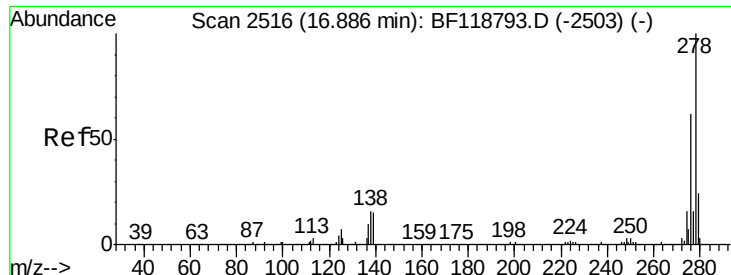
Tot Ion:252 Resp: 2473270
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 9.9 7.0 10.6



#90
Benzo(a)pyrene
Concen: 39.807 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF118800.D
Acq: 4 Feb 2020 13:31

Tgt Ion:252 Resp: 2259684
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 10.2 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 38.656 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.02 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

Instrument :

BNA_F

ClientSampleId :

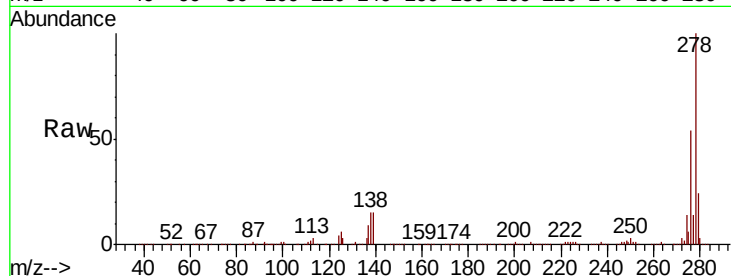
Tot Ion:278 Resp: 1947998

Ion Ratio Lower Upper

278 100

139 14.6 12.3 18.5

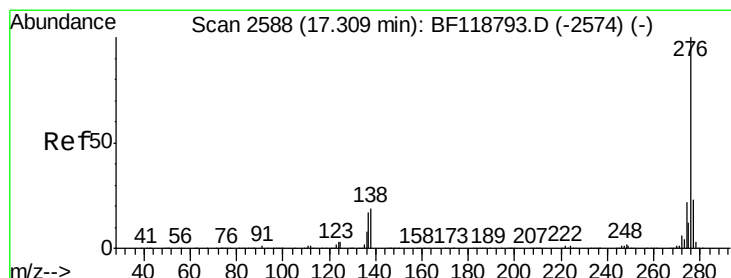
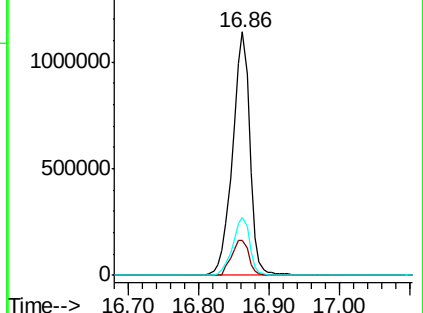
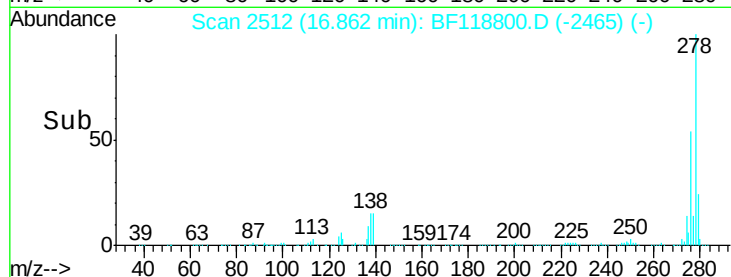
279 23.6 19.1 28.7



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: 38.190 ng

RT: 17.28 min Scan# 2583

Delta R.T. -0.03 min

Lab File: BF118800.D

Acq: 4 Feb 2020 13:31

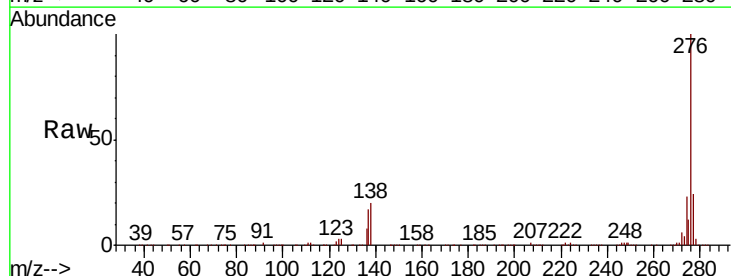
Tgt Ion:276 Resp: 1850804

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 19.7 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

