

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118924.D
 Acq On : 13 Feb 2020 17:28
 Operator : CG/JU
 Sample : L1493-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:36:18 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	6.80	152	227410	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	620589	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	337708	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	810171	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	530781	20.00	ng	-0.02
87) Perylene-d12	15.39	264	492050	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1560989	129.93	ng	0.00
7) Phenol-d6	6.44	99	1787732	119.88	ng	-0.01
23) Nitrobenzene-d5	7.36	82	994319	95.50	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	558436	138.20	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	1964705	104.00	ng	-0.03
79) Terphenyl-d14	12.90	244	3154092	122.06	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	248257	45.344	ng	# 86
3) Pyridine	3.40	79	585099	38.486	ng	99
4) n-Nitrosodimethylamine	3.30	42	287686	51.974	ng	98
6) Aniline	6.46	93	195075	10.156	ng	# 1
8) 2-Chlorophenol	6.59	128	720114	53.816	ng	99
9) Benzaldehyde	6.35	77	275048	29.147	ng	99
10) Phenol	6.45	94	708955	42.754	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	678866	53.511	ng	99
12) 1,3-Dichlorobenzene	6.74	146	715990	44.952	ng	98
13) 1,4-Dichlorobenzene	6.82	146	725416	45.659	ng	98
14) 1,2-Dichlorobenzene	6.97	146	671928	44.273	ng	99
15) Benzyl Alcohol	6.94	79	580518	50.360	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	741590	47.734	ng	96
17) 2-Methylphenol	7.06	107	545799	49.061	ng	99
18) Hexachloroethane	7.31	117	185259	32.489	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	403285	44.197	ng	99
20) 3+4-Methylphenols	7.21	107	594277	42.617	ng	95
22) Acetophenone	7.20	105	813114	60.306	ng	97
24) Nitrobenzene	7.37	77	525458	50.519	ng	99
25) Isophorone	7.62	82	927224	49.552	ng	99
26) 2-Nitrophenol	7.69	139	286875	51.760	ng	98
27) 2,4-Dimethylphenol	7.73	122	435031	57.782	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	580609	47.851	ng	98
29) 2,4-Dichlorophenol	7.94	162	449817	49.889	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	495026	46.972	ng	99
31) Naphthalene	8.10	128	1465620	51.637	ng	99
32) Benzoic acid	7.85	122	120035	19.256	ng	94
33) 4-Chloroaniline	8.15	127	58733	4.625	ng	98
34) Hexachlorobutadiene	8.22	225	291742	45.184	ng	99
35) Caprolactam	8.52	113	59957	20.513	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	456848	50.348	ng	99
37) 2-Methylnaphthalene	8.79	142	1017325	51.680	ng	98
38) 1-Methylnaphthalene	8.89	142	948259	51.207	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	498730	48.932	ng	99

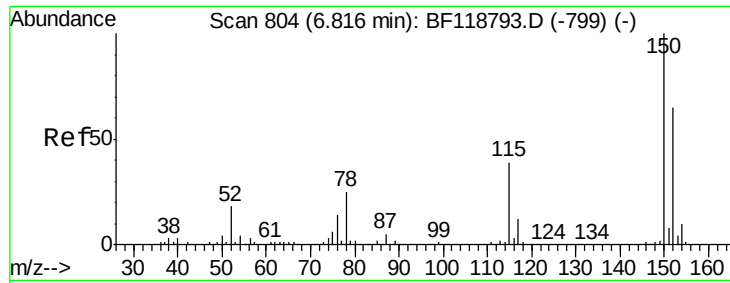
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118924.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	338002	84.573	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	326426	47.894	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	355050	50.983	ng	97
46) 1,1'-Biphenyl	9.25	154	1207352	51.683	ng	99
47) 2-Chloronaphthalene	9.28	162	983881	50.662	ng	98
48) 2-Nitroaniline	9.37	65	269039	48.032	ng	98
49) Acenaphthylene	9.69	152	1520125	54.211	ng	99
50) Dimethylphthalate	9.56	163	1160505	50.468	ng	99
51) 2,6-Dinitrotoluene	9.62	165	272502	51.792	ng	100
52) Acenaphthene	9.86	154	880526	47.653	ng	99
53) 3-Nitroaniline	9.78	138	42443	7.274	ng	97
54) 2,4-Dinitrophenol	9.90	184	122415	48.398	ng	93
55) Dibenzofuran	10.04	168	1346061	50.408	ng	99
56) 4-Nitrophenol	9.96	139	356663	84.455	ng	96
57) 2,4-Dinitrotoluene	10.02	165	355727	51.089	ng	# 87
58) Fluorene	10.38	166	1037030	51.621	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	301009	49.493	ng	99
60) Diethylphthalate	10.26	149	1094164	48.935	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	534534	49.063	ng	97
62) 4-Nitroaniline	10.40	138	243524	41.675	ng	98
63) Azobenzene	10.53	77	969149	50.769	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	141889	31.168	ng	96
66) n-Nitrosodiphenylamine	10.49	169	957033	40.781	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	490338	51.162	ng	99
68) Hexachlorobenzene	10.93	284	523849	47.654	ng	98
69) Atrazine	11.02	200	452960	57.935	ng	97
70) Pentachlorophenol	11.13	266	496541	85.546	ng	99
71) Phenanthrene	11.34	178	1988032	49.873	ng	99
72) Anthracene	11.39	178	2057836	51.893	ng	99
73) Carbazole	11.54	167	2003631	57.573	ng	99
74) Di-n-butylphthalate	11.87	149	2234742	50.408	ng	100
75) Fluoranthene	12.53	202	2362206	54.276	ng	98
77) Benzidine	12.64	184	704504	43.884	ng	98
78) Pyrene	12.76	202	2382984	65.443	ng	100
80) Butylbenzylphthalate	13.37	149	730817	43.972	ng	99
81) Benzo(a)anthracene	13.94	228	1567941	49.643	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	108568	8.404	ng	97
83) Chrysene	13.98	228	1521251	47.989	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	937371	44.455	ng	99
85) Di-n-octyl phthalate	14.54	149	1585721	43.898	ng	99
86) Indeno(1,2,3-cd)pyrene	16.83	276	1472823	46.243	ng	99
88) Benzo(b)fluoranthene	14.98	252	1497009	49.030	ng	99
89) Benzo(k)fluoranthene	15.01	252	1460259	54.922	ng	99
90) Benzo(a)pyrene	15.34	252	1323544	50.652	ng	98
91) Dibenzo(a,h)anthracene	16.84	278	1212448	52.268	ng	99
92) Benzo(g,h,i)perylene	17.26	276	1250177	56.041	ng	99

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

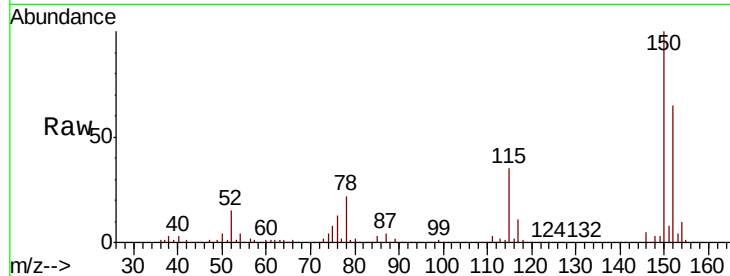


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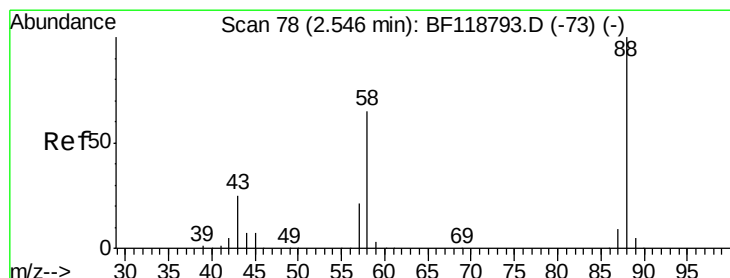
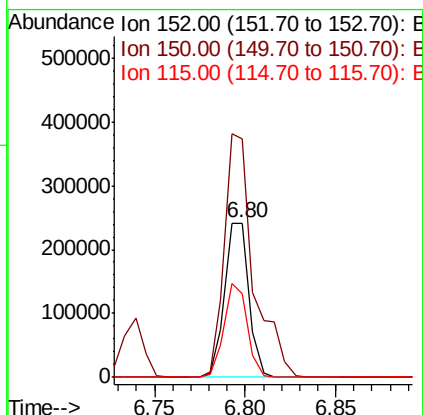
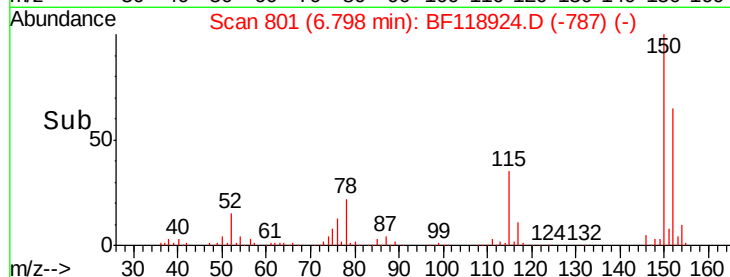
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 227410
Ion Ratio Lower Upper
152 100
150 154.6 123.6 185.4
115 54.3 48.2 72.2



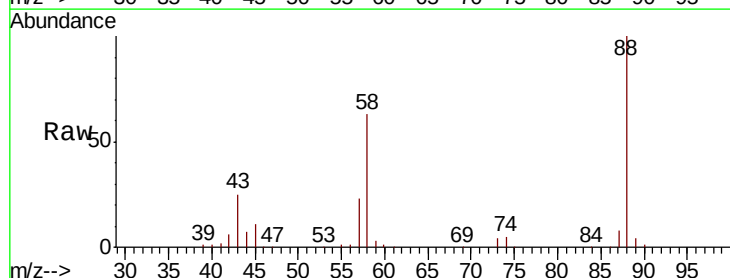
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



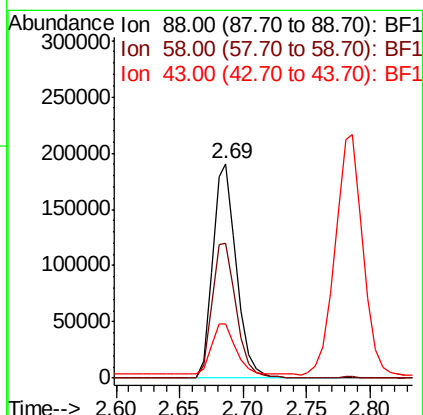
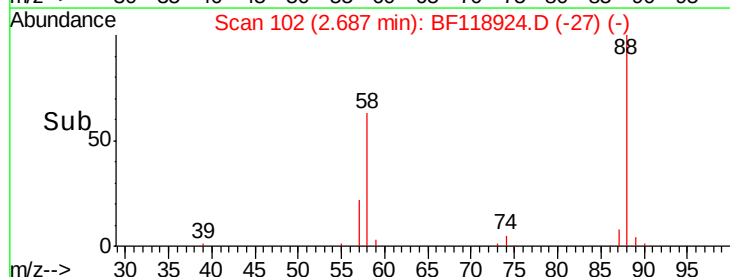
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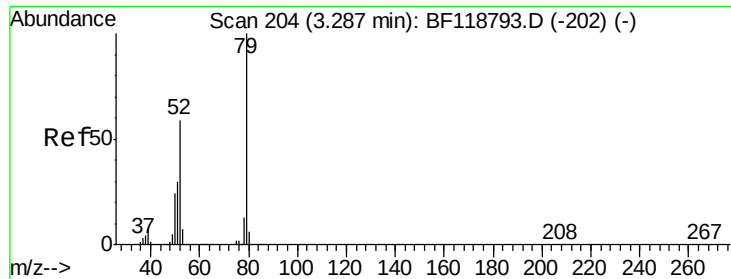
1,4-Dioxane
Concen: 45.344 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.14 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion: 88 Resp: 248257
Ion Ratio Lower Upper
88 100
58 65.0 51.6 77.4
43 0.0 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

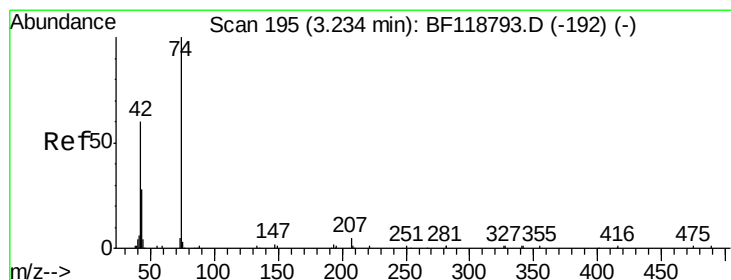
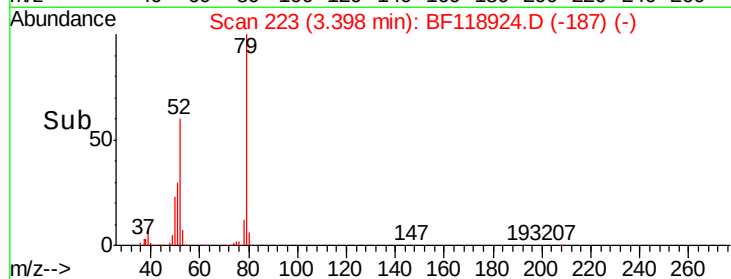
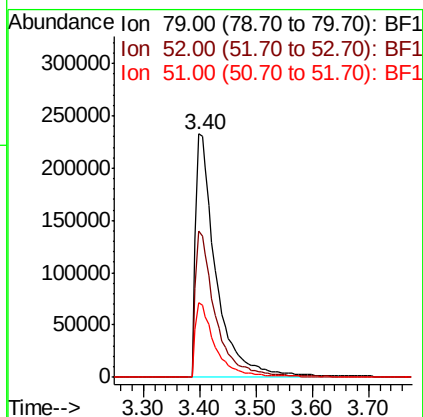
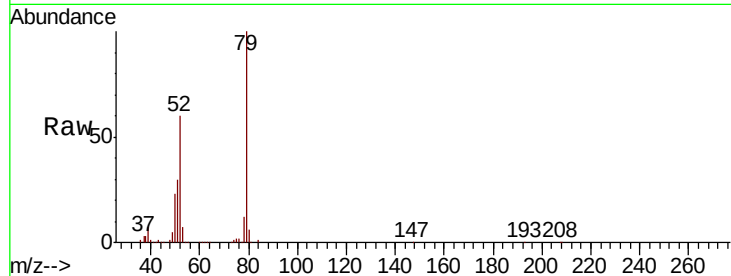




#3
 Pvridine
 Concen: 38.486 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.11 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

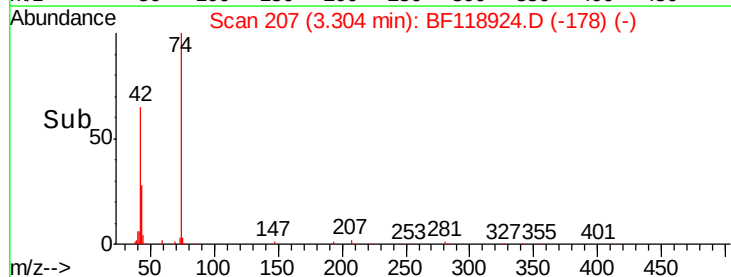
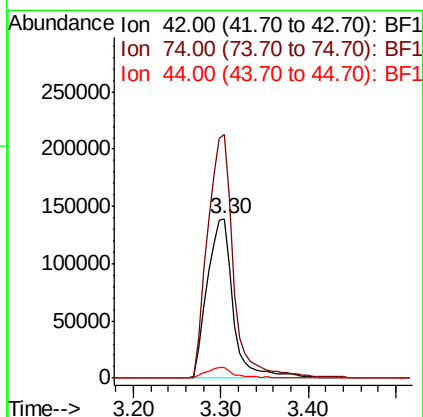
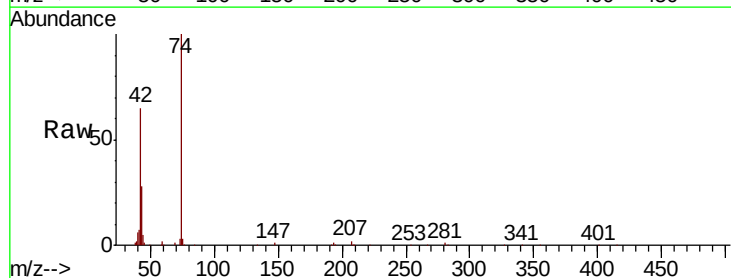
Instrument :
 BNA_F
 ClientSampleId :

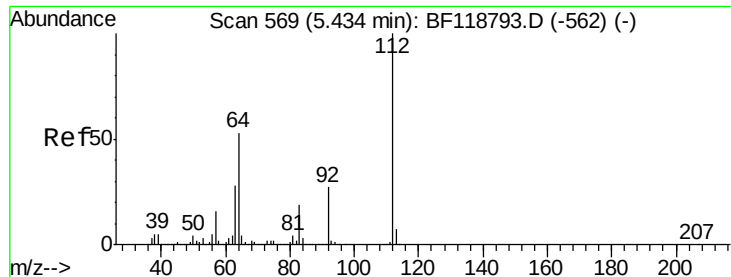
Tot Ion	Ratio	Lower	Upper
79	100		
52	60.0	47.4	71.0
51	30.5	24.2	36.4



#4
 n-Nitrosodimethylamine
 Concen: 51.974 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.07 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.9	124.3	186.5
44	6.9	5.3	7.9





#5

2-Fluorophenol

Concen: 129.934 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

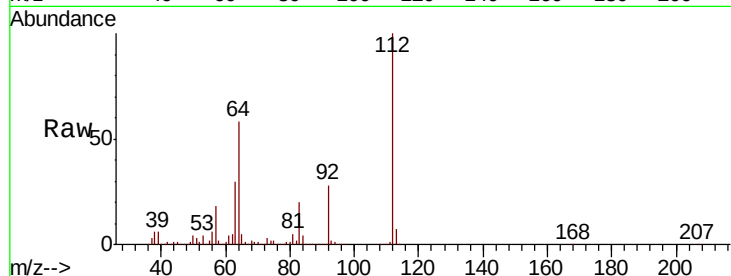
Tot Ion:112 Resp: 1560989

Ion Ratio Lower Upper

112 100

64 57.6 42.6 63.8

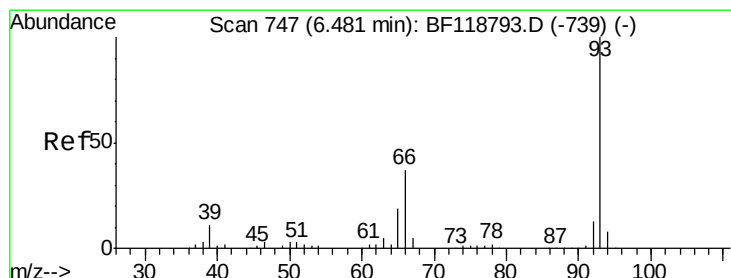
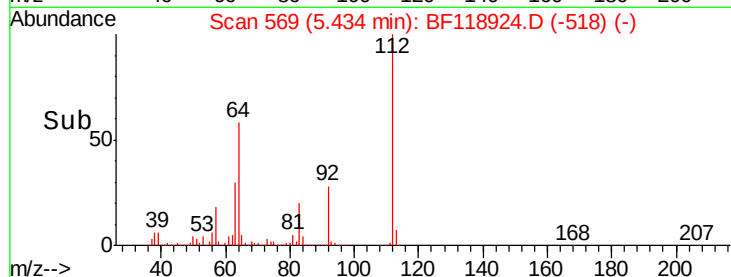
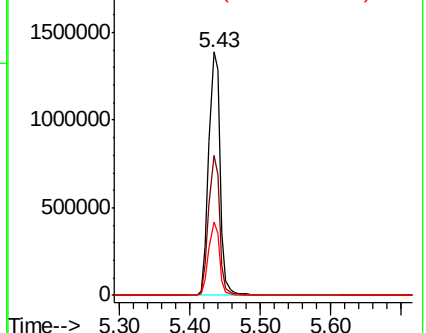
63 30.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.156 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

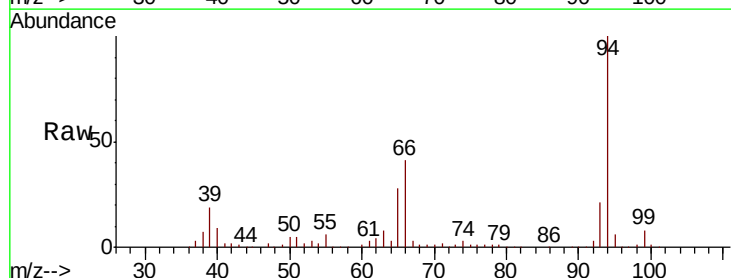
Tgt Ion: 93 Resp: 195075

Ion Ratio Lower Upper

93 100

66 191.2 30.8 46.2#

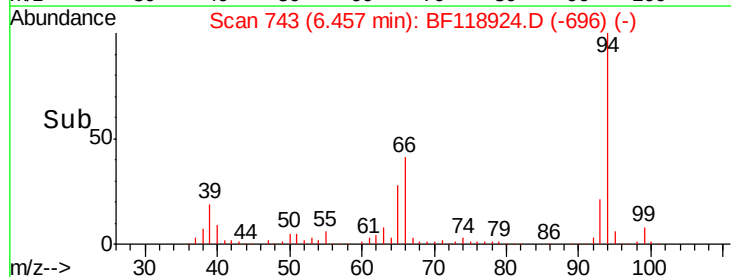
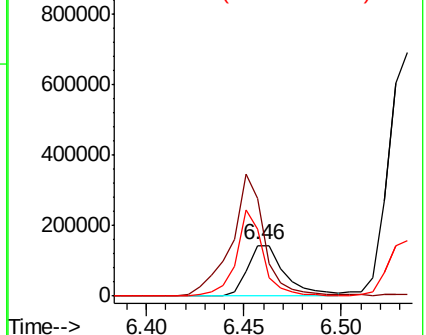
65 131.7 15.4 23.0#

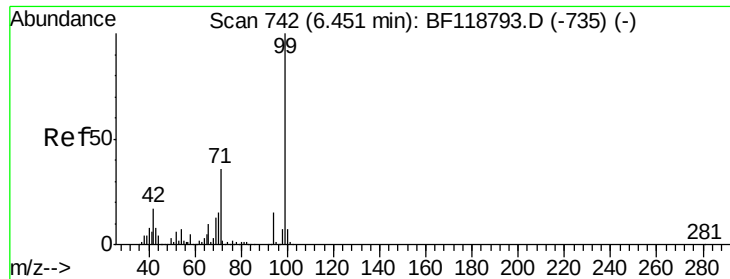


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.876 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

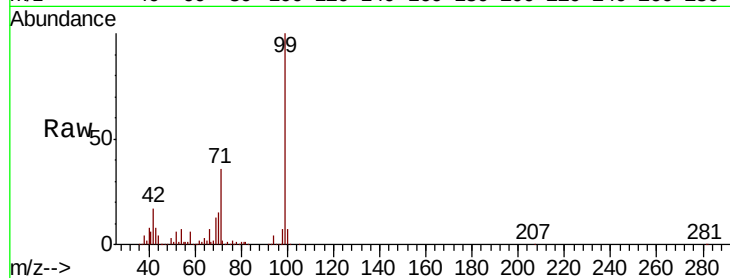
Tot Ion: 99 Resp: 1787732

Ion Ratio Lower Upper

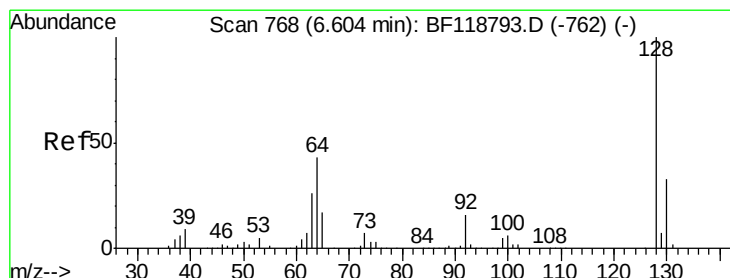
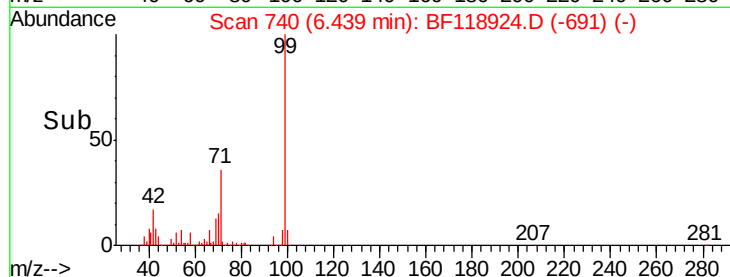
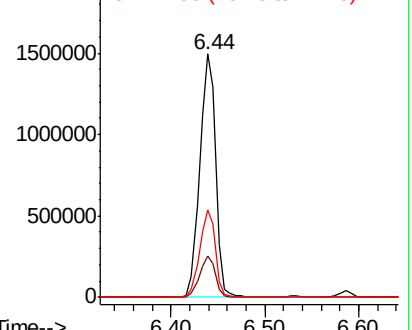
99 100

42 17.2 13.4 20.0

71 36.0 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: 53.816 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

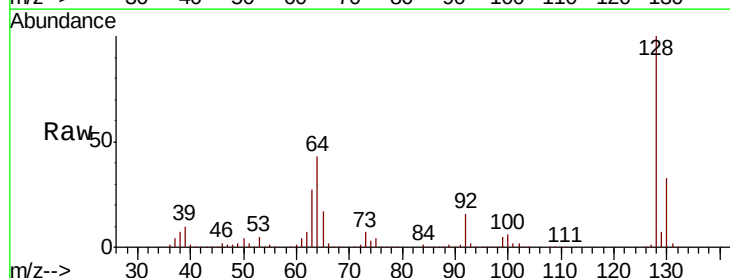
Tgt Ion: 128 Resp: 720114

Ion Ratio Lower Upper

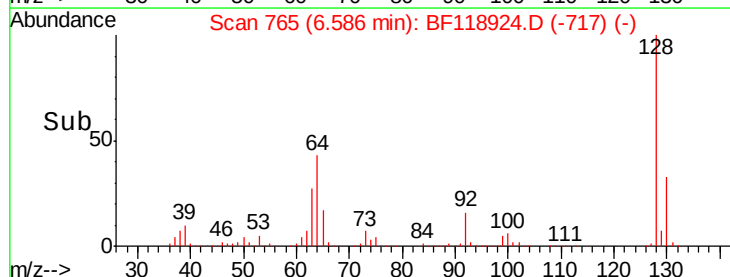
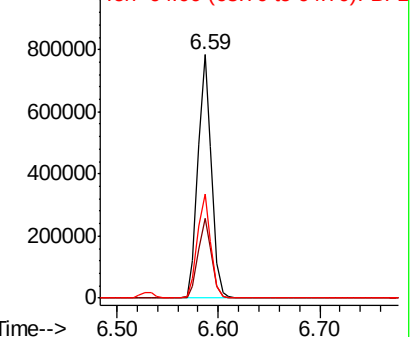
128 100

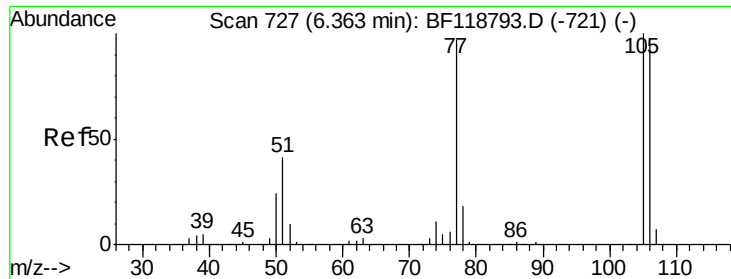
130 32.8 13.1 53.1

64 42.6 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: 29.147 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

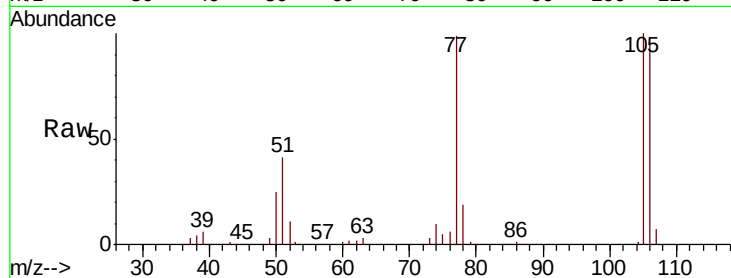
Tot Ion: 77 Resp: 275048

Ion Ratio Lower Upper

77 100

105 101.3 82.8 122.8

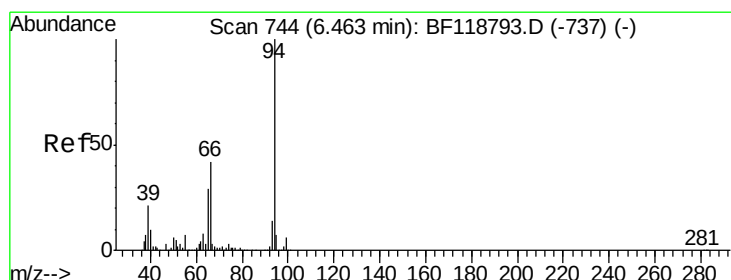
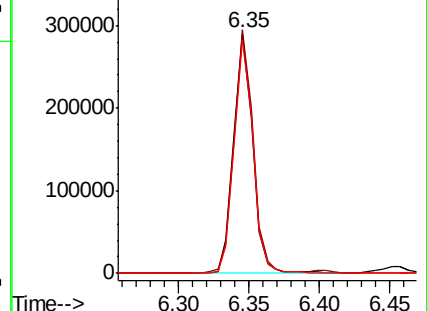
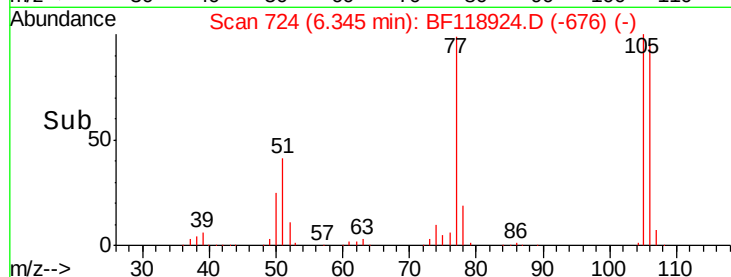
106 97.3 78.1 118.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.754 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

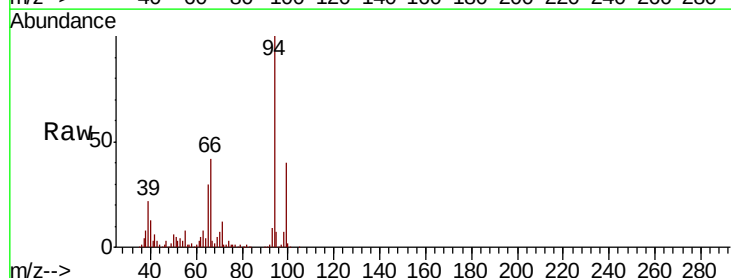
Tgt Ion: 94 Resp: 708955

Ion Ratio Lower Upper

94 100

65 29.9 9.1 49.1

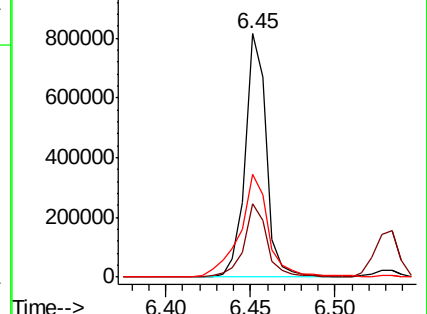
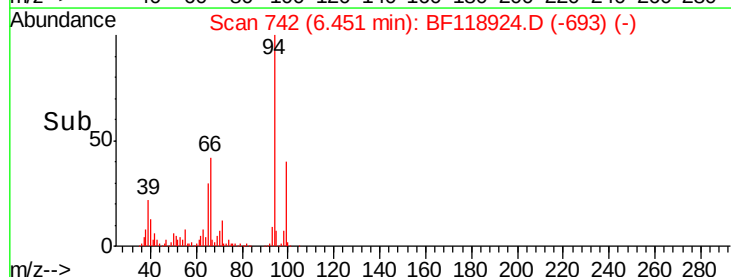
66 42.3 21.7 61.7

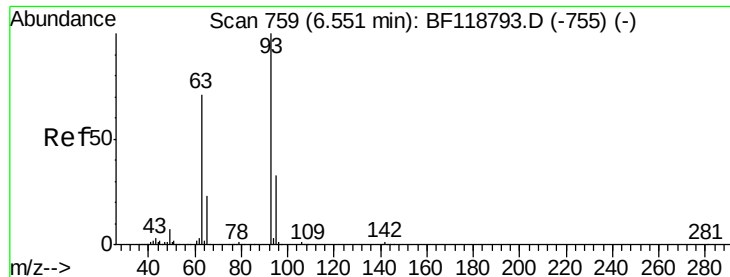


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 53.511 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

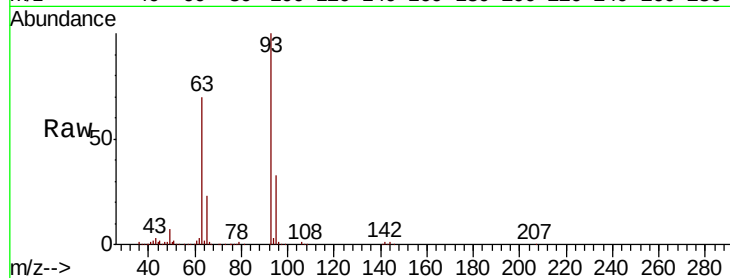
Tot Ion: 93 Resp: 678866

Ion Ratio Lower Upper

93 100

63 69.9 50.7 90.7

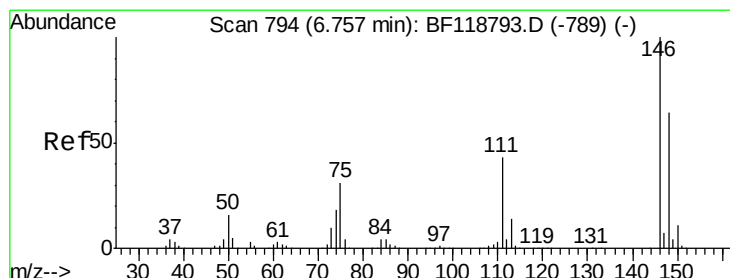
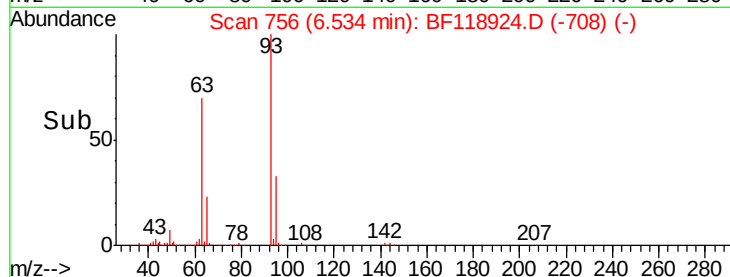
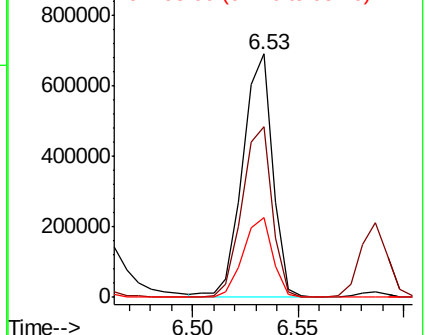
95 33.0 12.6 52.6



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: 44.952 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

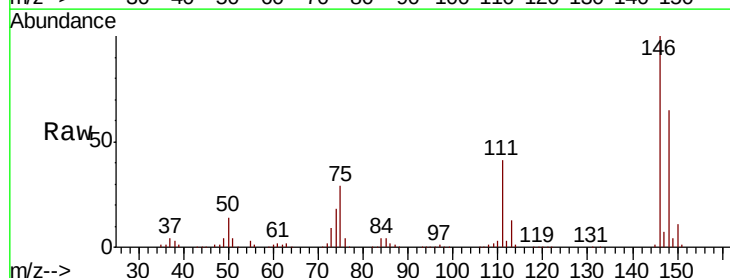
Tgt Ion: 146 Resp: 715990

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

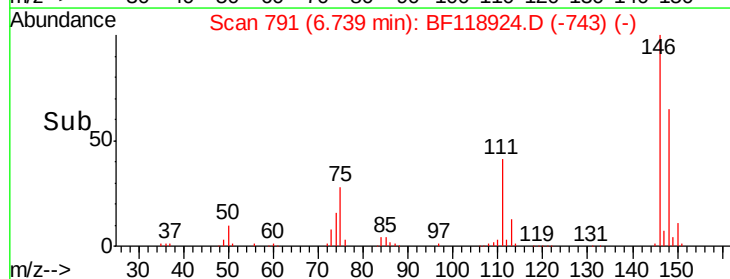
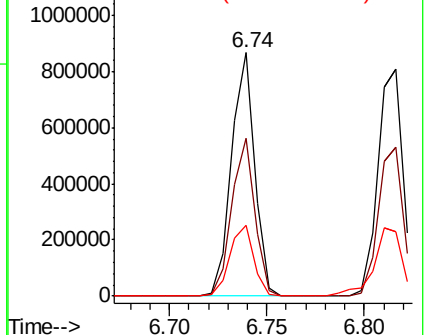
75 29.2 25.0 37.4

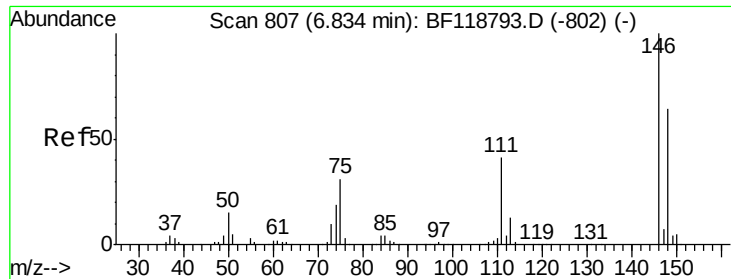


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

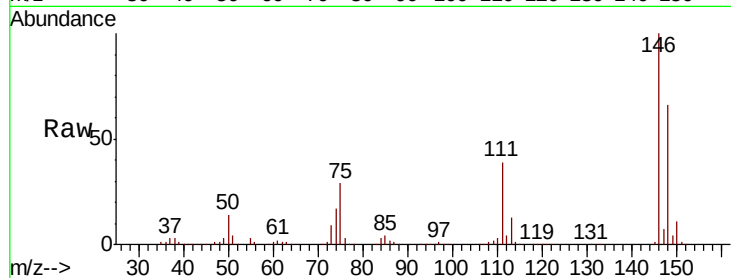




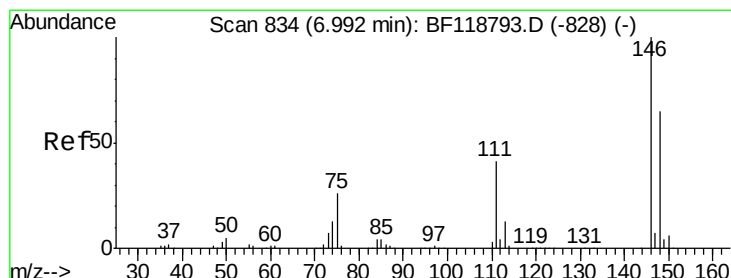
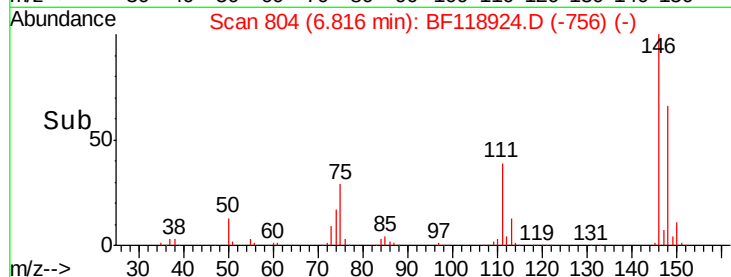
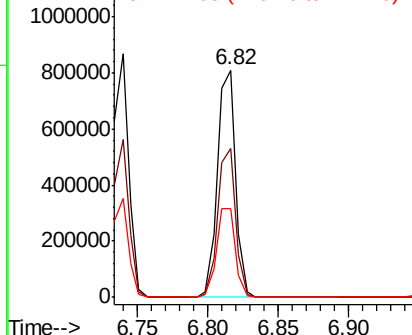
#13
 1,4-Dichlorobenzene
 Concen: 45.659 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 725416
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.6 77.4
 111 39.2 32.9 49.3

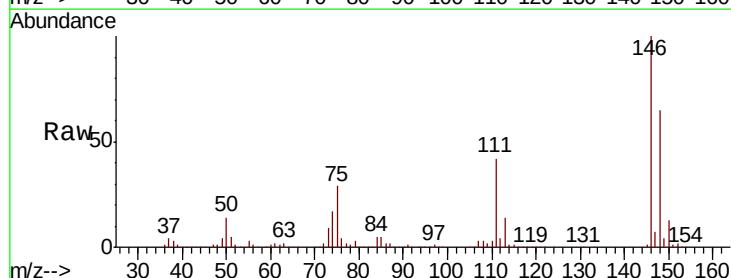


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

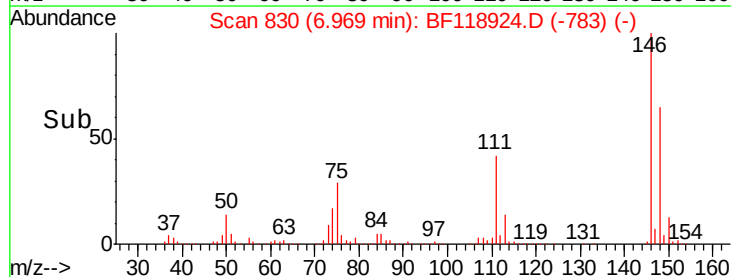
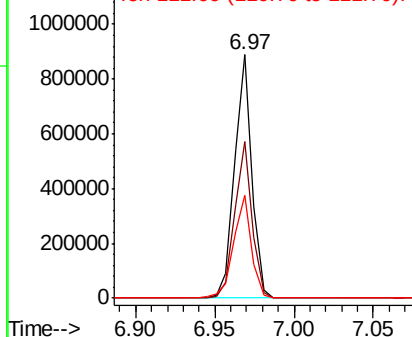


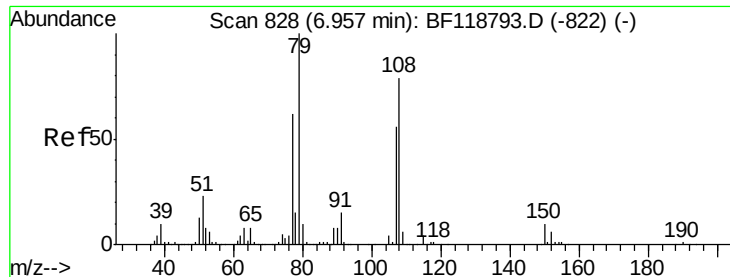
#14
 1,2-Dichlorobenzene
 Concen: 44.273 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Tgt Ion:146 Resp: 671928
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.6 77.4
 111 42.3 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.360 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

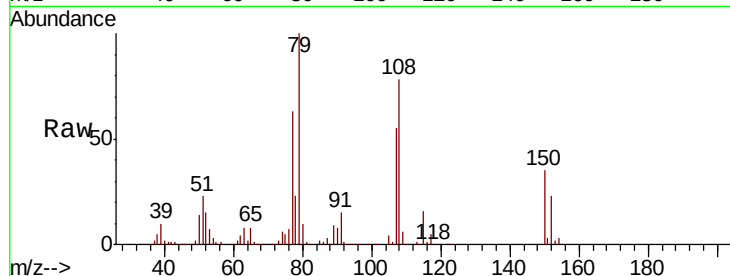
Tot Ion: 79 Resp: 580518

Ion Ratio Lower Upper

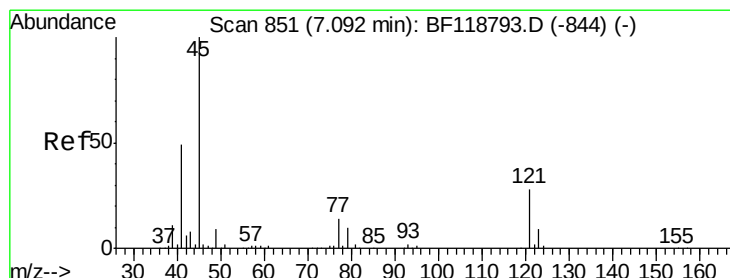
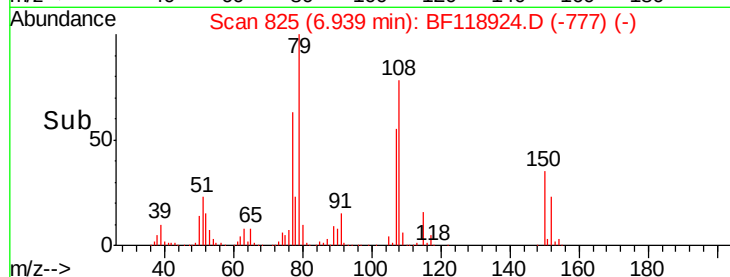
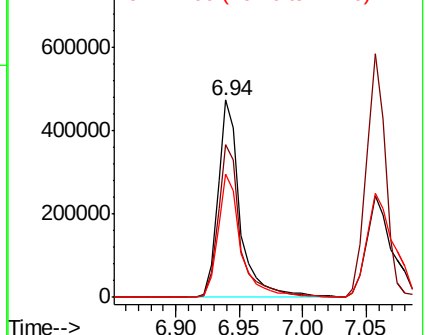
79 100

108 77.7 62.9 94.3

77 62.6 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: 47.734 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

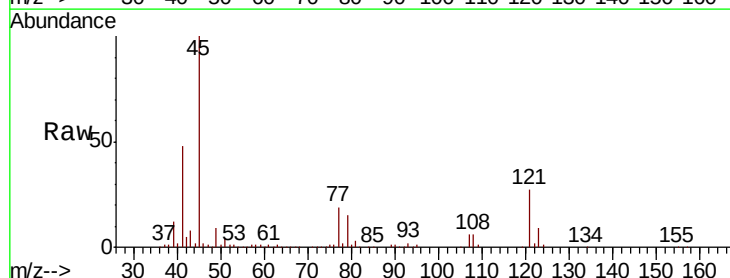
Tgt Ion: 45 Resp: 741590

Ion Ratio Lower Upper

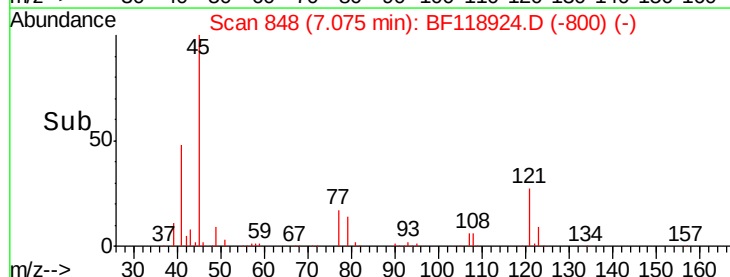
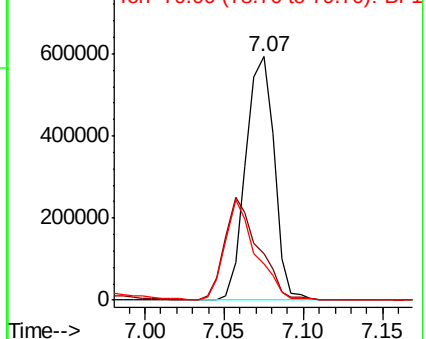
45 100

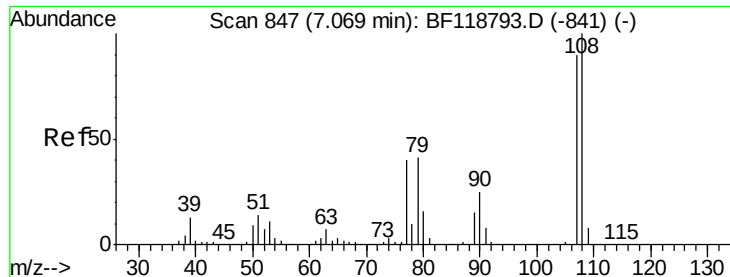
77 18.9 0.0 37.1

79 15.0 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

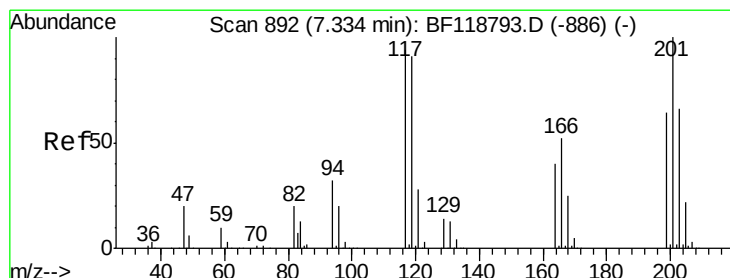
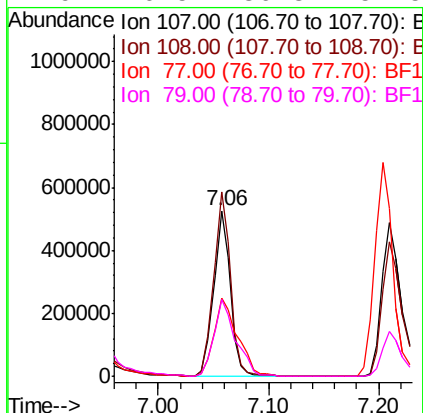
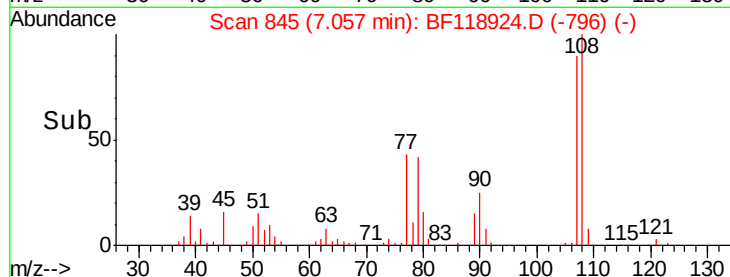
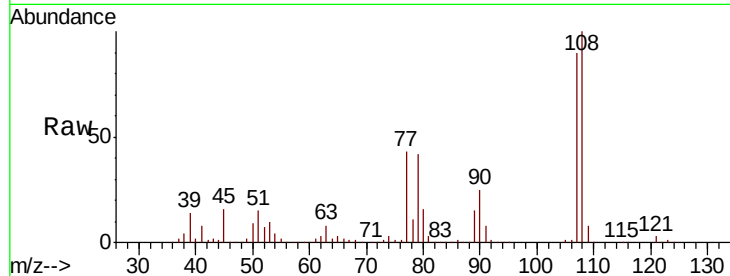




#17
2-Methylphenol
Concen: 49.061 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

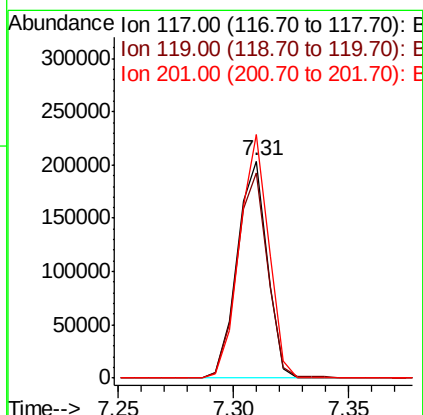
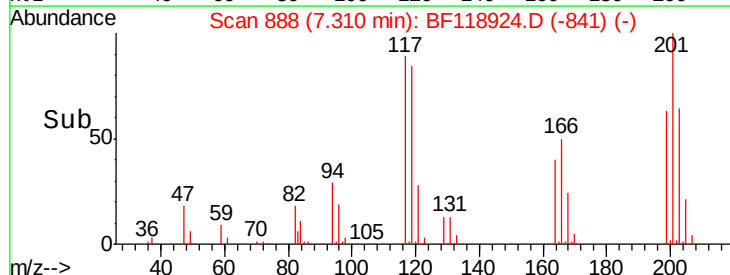
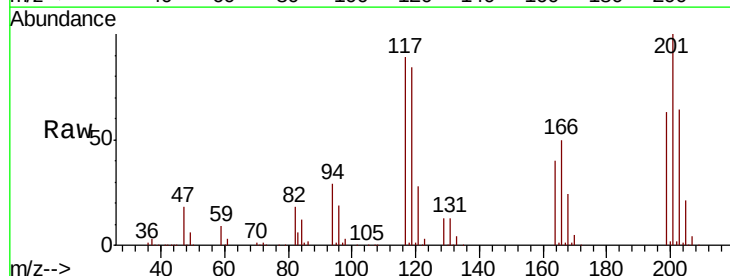
Instrument :
BNA_F
ClientSampleId :

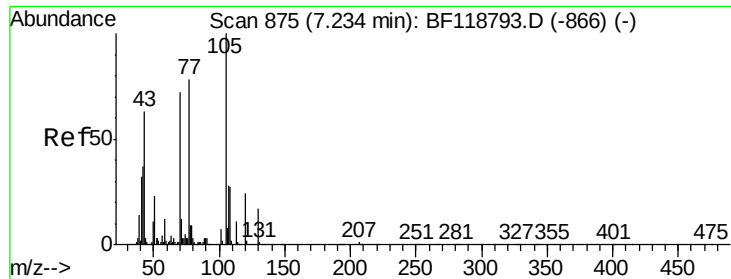
Tot Ion:	107	Resp:	545799
Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.3	133.9
77	47.4	36.2	54.2
79	46.5	36.3	54.5



#18
Hexachloroethane
Concen: 32.489 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:	117	Resp:	185259
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
201	112.2	85.1	127.7

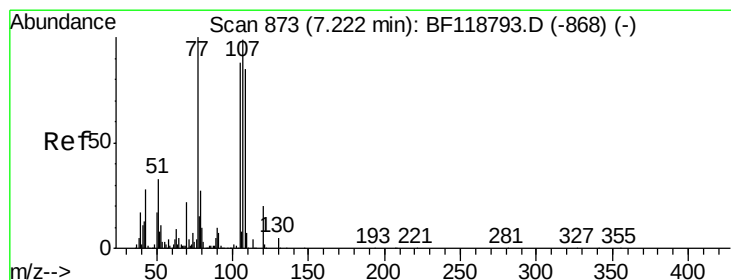
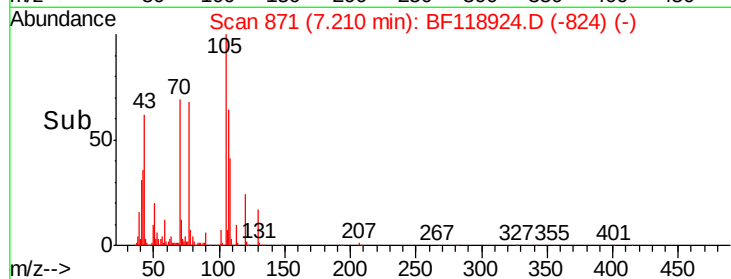
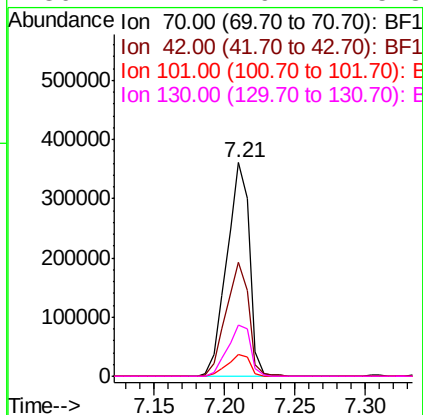
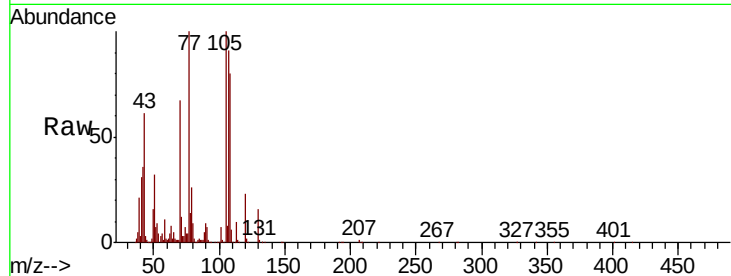




#19
n-Nitroso-di-n-propylamine
Concen: 44.197 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

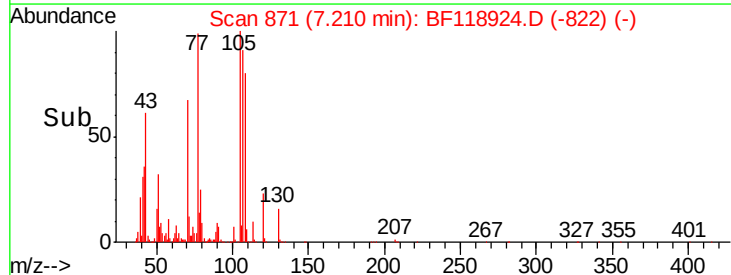
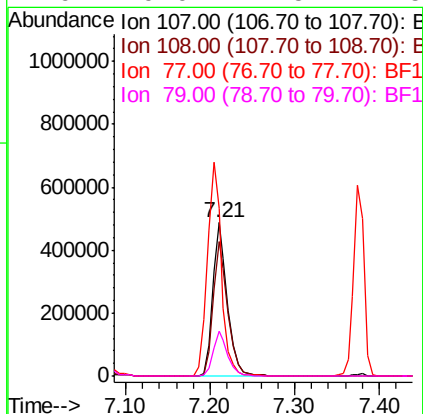
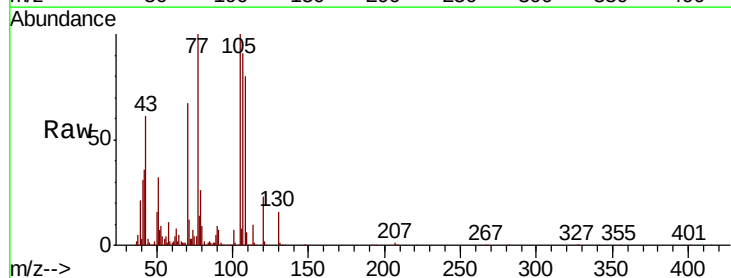
Instrument :
BNA_F
ClientSampleId :

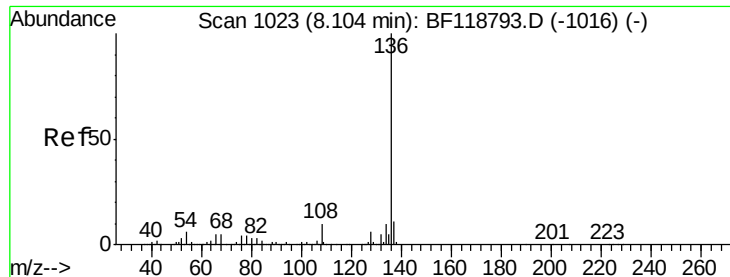
Tot Ion:	70	Resp:	403285
Ion	Ratio	Lower	Upper
70	100		
42	53.1	41.5	62.3
101	10.4	8.3	12.5
130	24.1	19.2	28.8



#20
3+4-Methylphenols
Concen: 42.617 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:	107	Resp:	594277
Ion	Ratio	Lower	Upper
107	100		
108	88.1	65.9	105.9
77	109.7	80.9	120.9
79	29.0	7.5	47.5

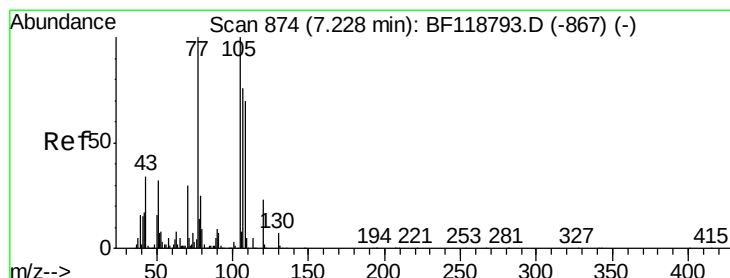
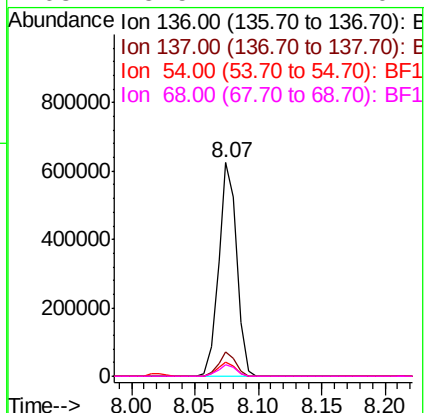
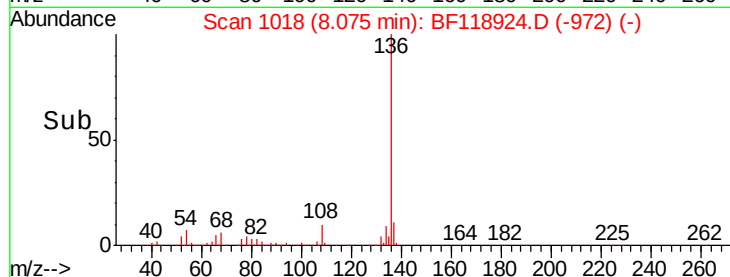
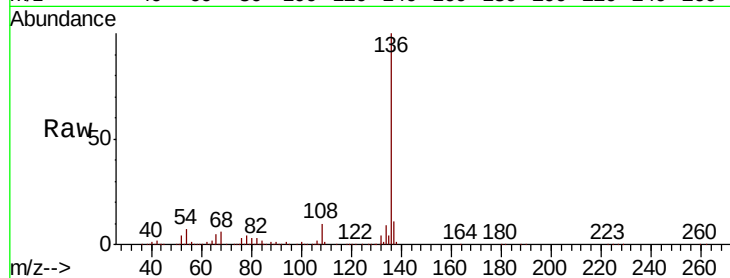




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

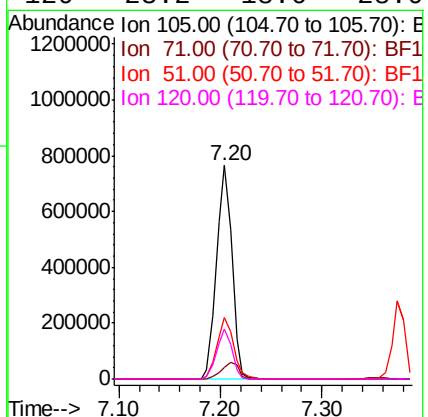
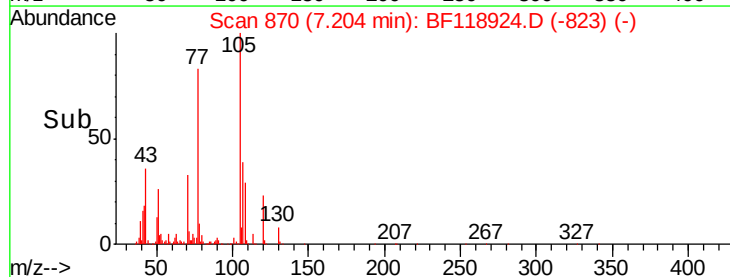
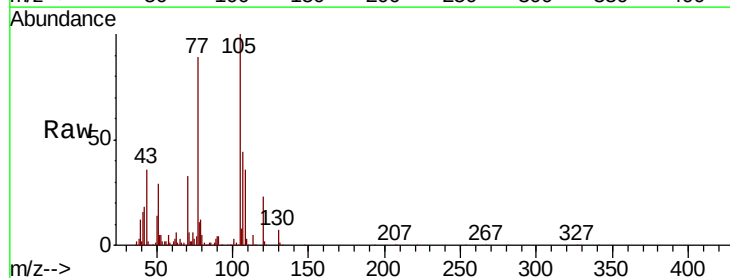
Instrument :
BNA_F
ClientSampleId :

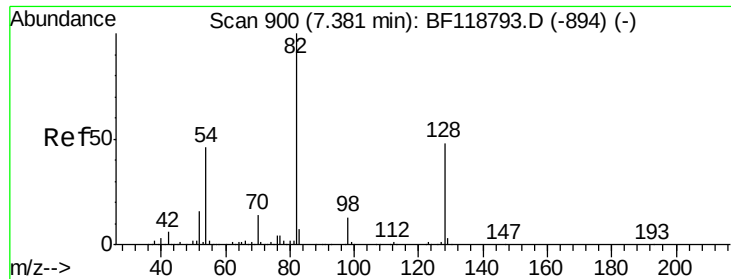
Tot Ion:136	Resp: 620589
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 6.6	5.0 7.6
68 5.5	4.2 6.4



#22
Acetophenone
Concen: 60.306 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt	Ion:105	Resp:	813114
Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.2	6.4
51	28.6	25.5	38.3
120	23.2	18.6	28.0

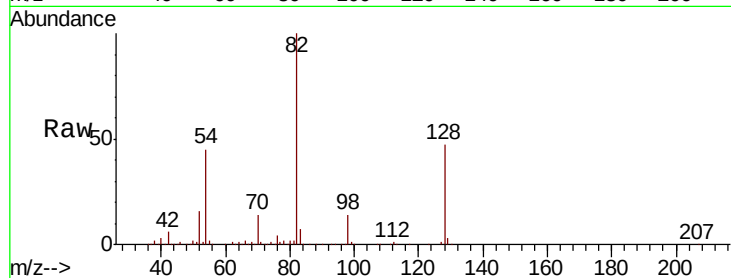




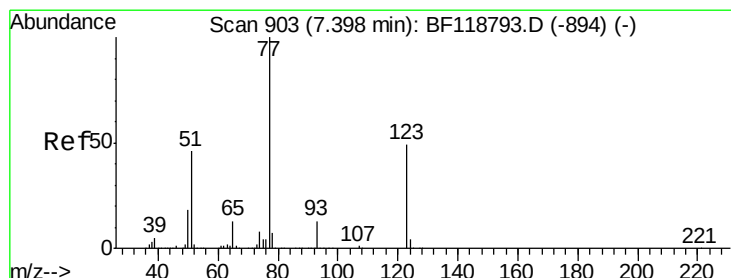
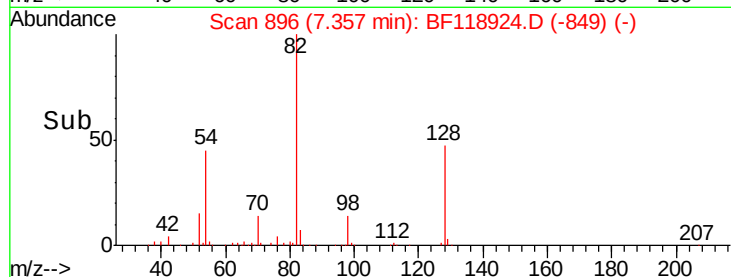
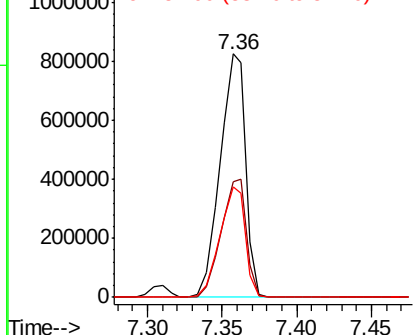
#23
Nitrobenzene-d5
Concen: 95.500 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 994319
Ion Ratio Lower Upper
82 100
128 47.3 38.5 57.7
54 45.3 36.7 55.1

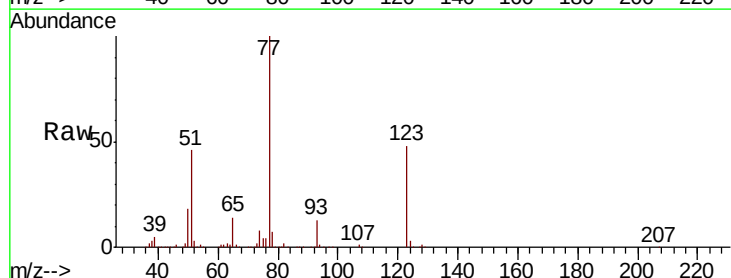


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

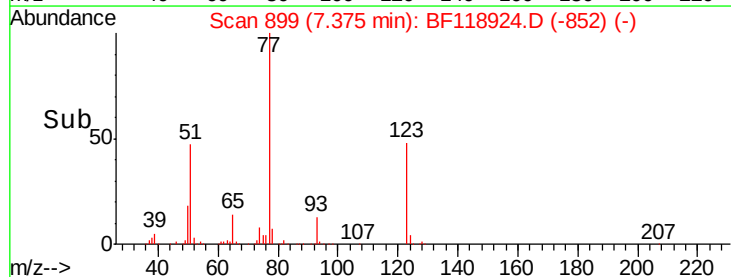
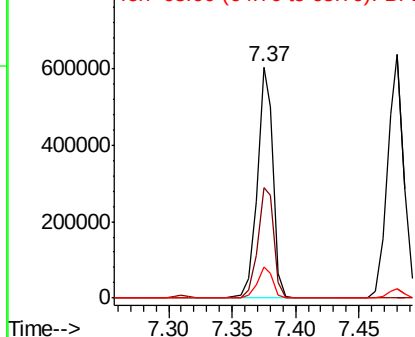


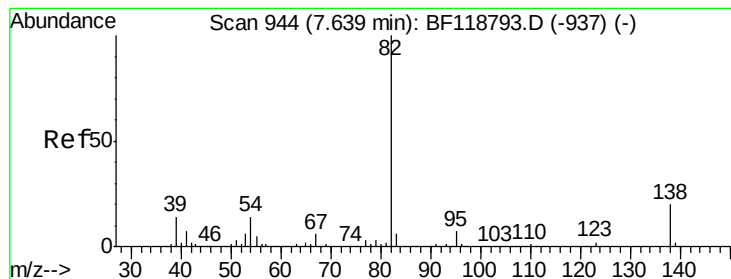
#24
Nitrobenzene
Concen: 50.519 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion: 77 Resp: 525458
Ion Ratio Lower Upper
77 100
123 47.9 39.0 58.4
65 13.5 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: 49.552 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

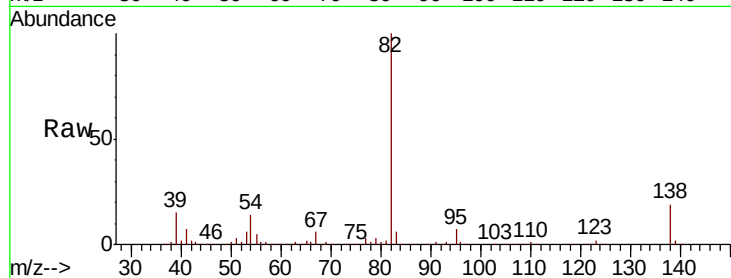
Tot Ion: 82 Resp: 927224

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

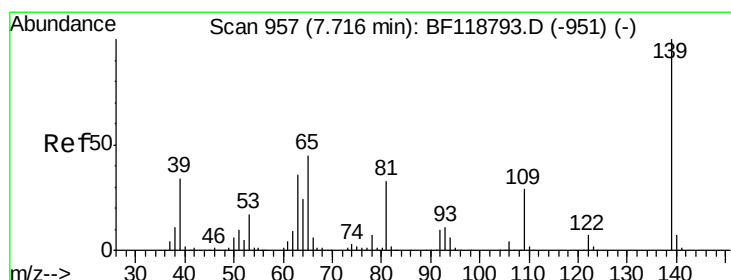
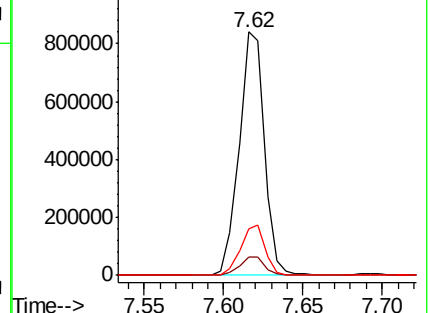
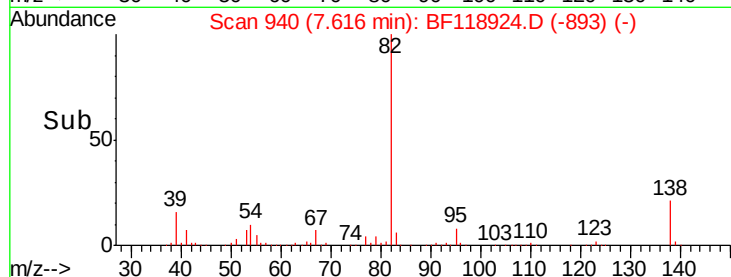
138 19.1 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.760 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

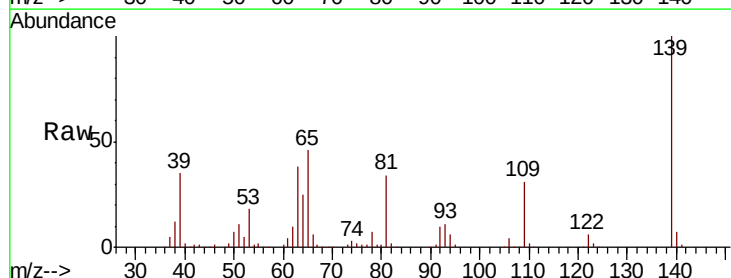
Tgt Ion: 139 Resp: 286875

Ion Ratio Lower Upper

139 100

109 30.9 23.4 35.0

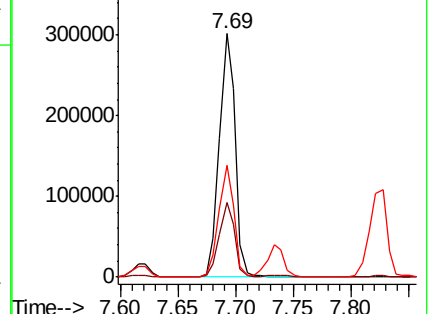
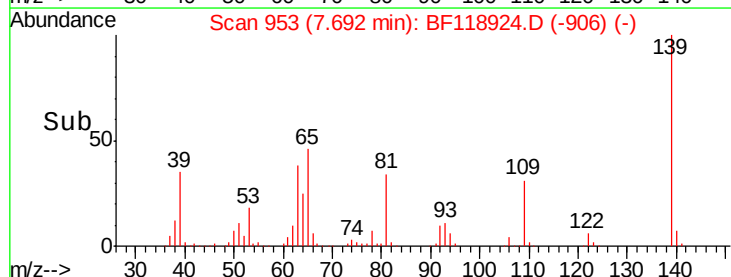
65 45.7 36.2 54.2

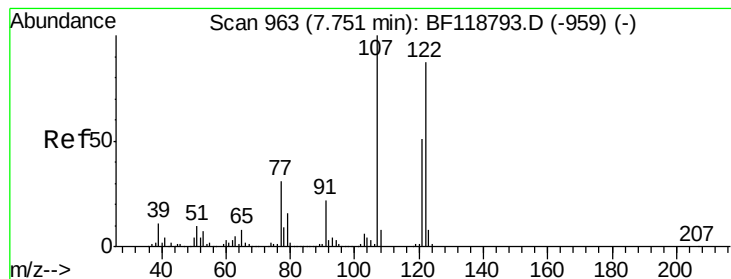


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 57.782 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

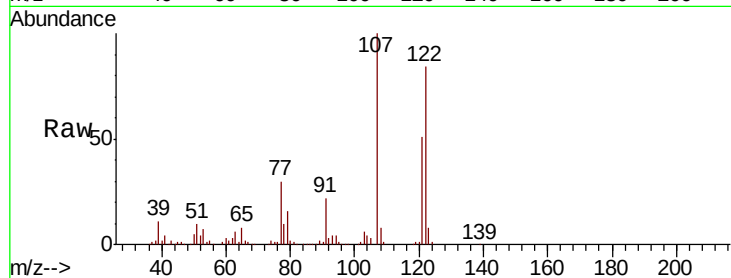
Tot Ion:122 Resp: 435031

Ion Ratio Lower Upper

122 100

107 118.7 92.2 138.2

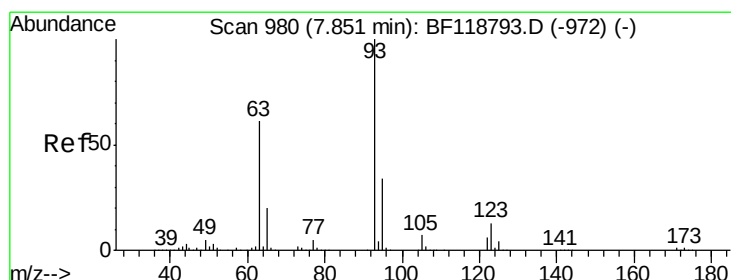
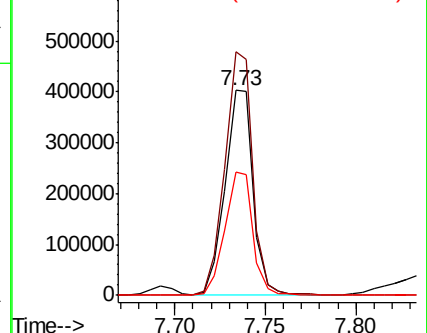
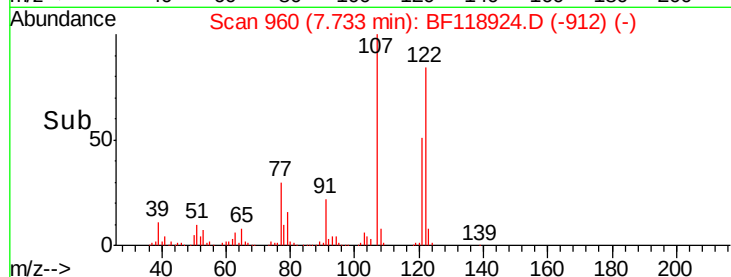
121 60.4 46.8 70.2



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: 47.851 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

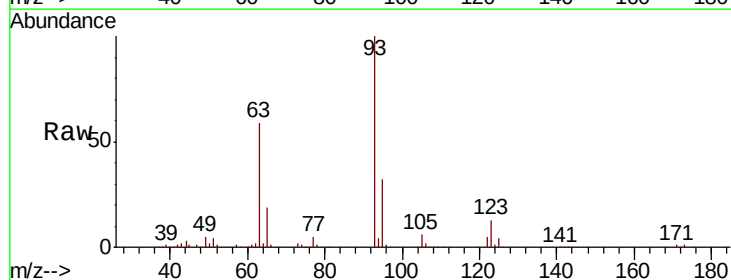
Tgt Ion: 93 Resp: 580609

Ion Ratio Lower Upper

93 100

95 32.3 27.0 40.4

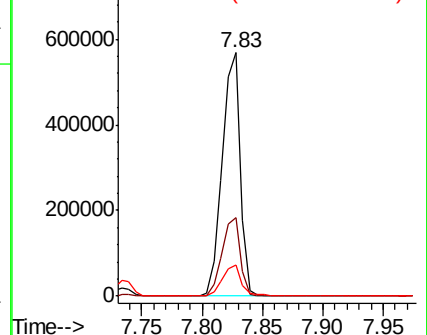
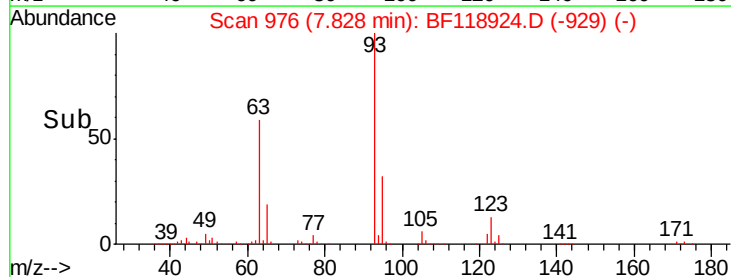
123 12.7 10.6 15.8

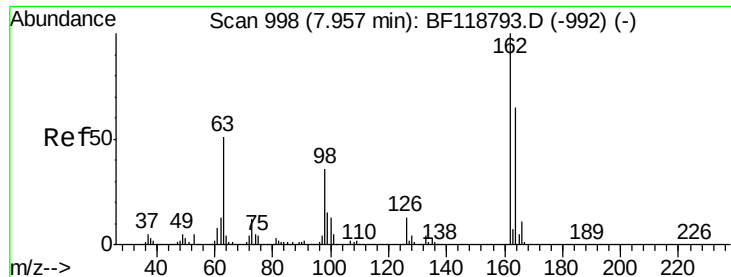


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

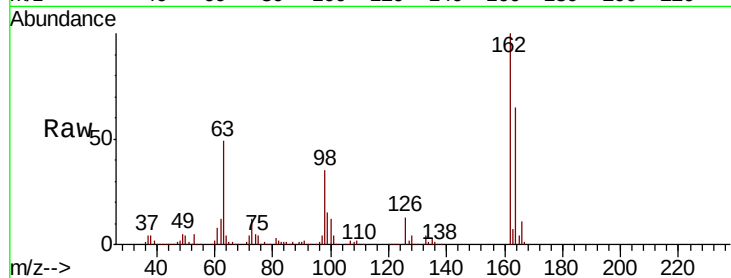




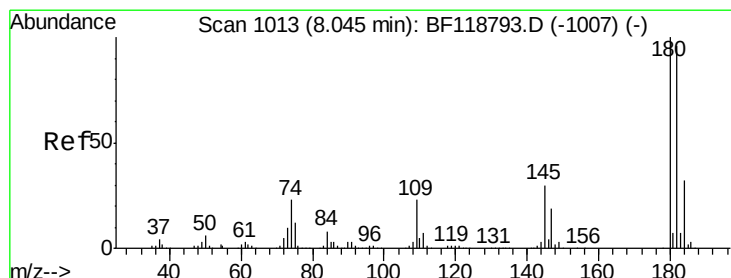
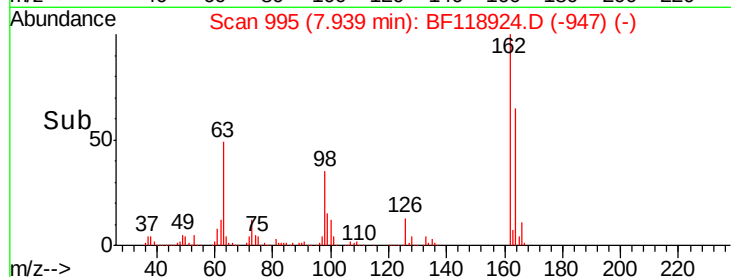
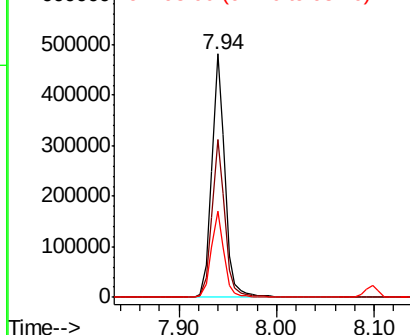
#29
 2,4-Dichlorophenol
 Concen: 49.889 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.8	84.8
98	35.4	16.4	56.4

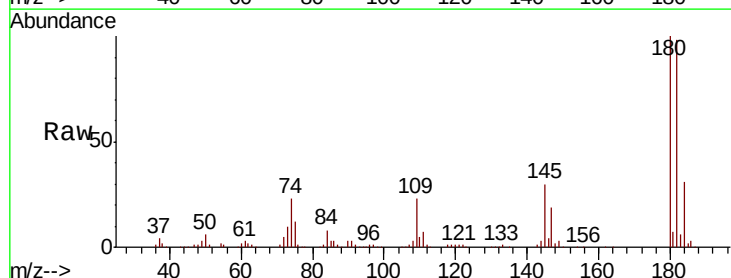


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

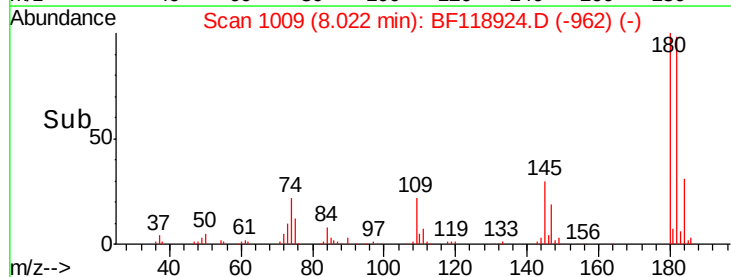
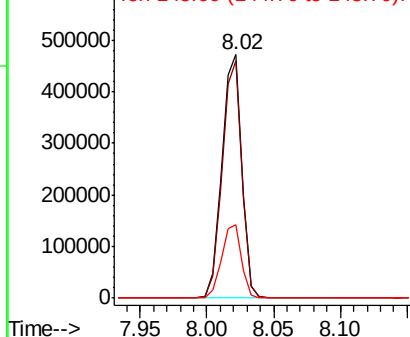


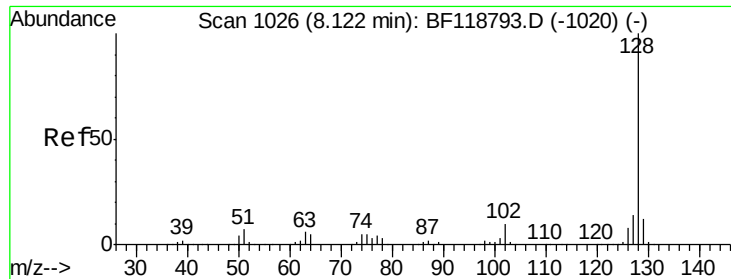
#30
 1,2,4-Trichlorobenzene
 Concen: 46.972 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.6	115.0
145	29.9	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

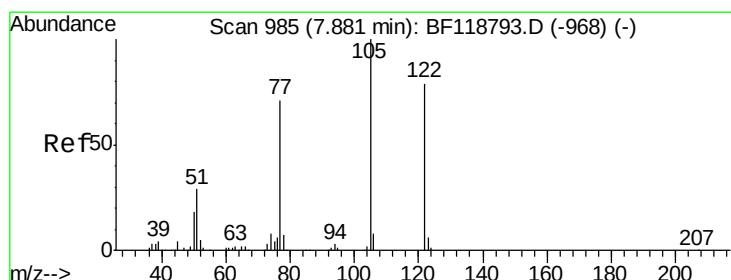
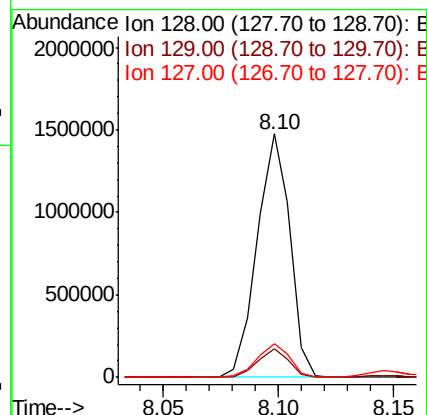
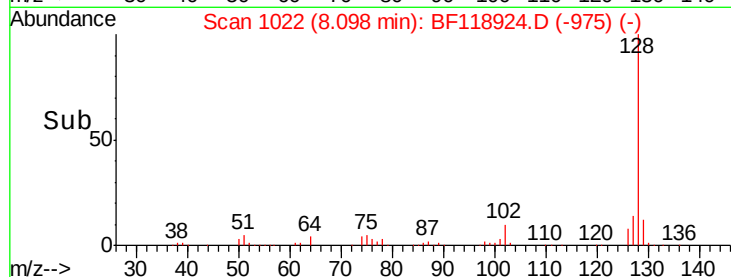
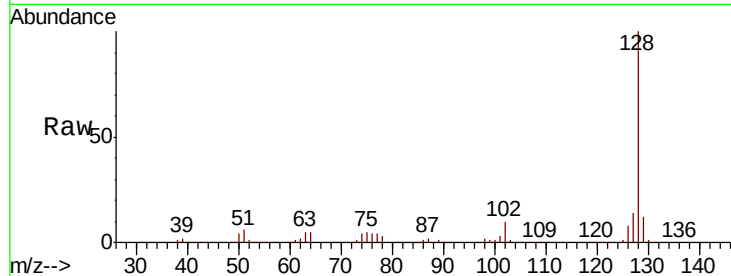




#31
Naphthalene
Concen: 51.637 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

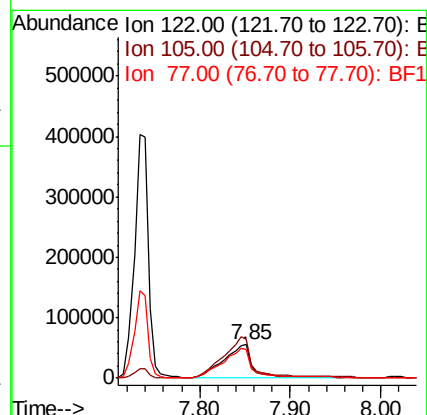
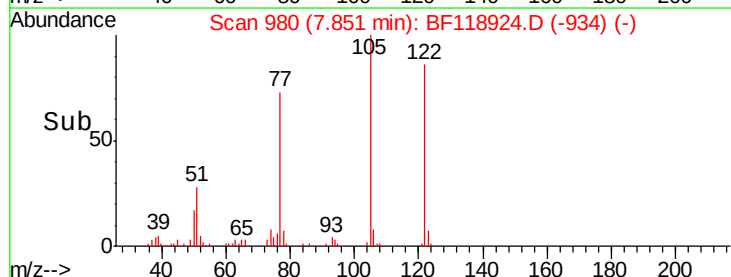
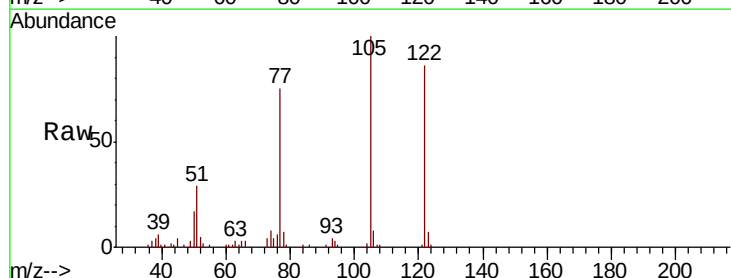
Instrument :
BNA_F
ClientSampleId :

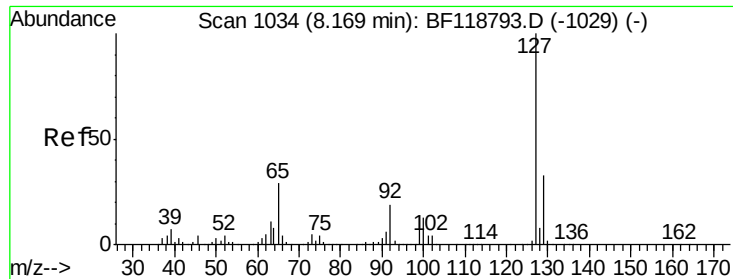
Tot Ion:128 Resp: 1465620
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.7 11.3 16.9



#32
Benzoic acid
Concen: 19.256 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:122 Resp: 120035
Ion Ratio Lower Upper
122 100
105 115.8 104.4 144.4
77 86.3 69.3 109.3

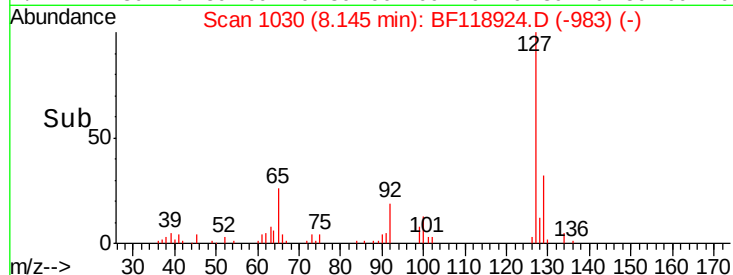
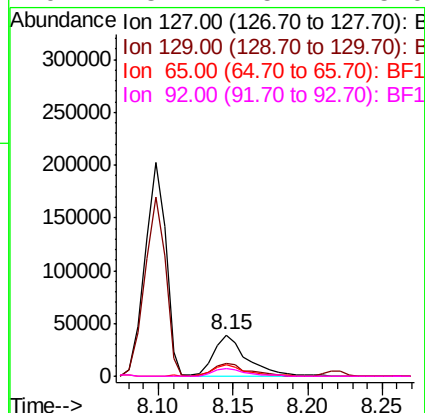
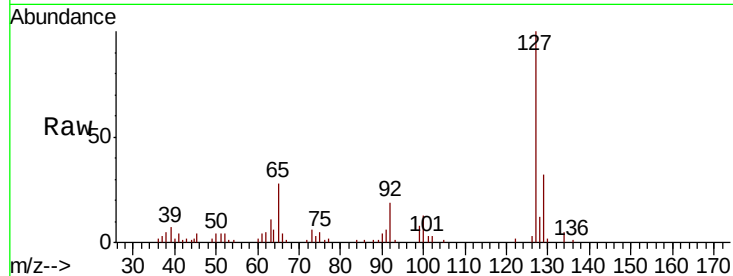




#33
4-Chloroaniline
Concen: 4.625 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

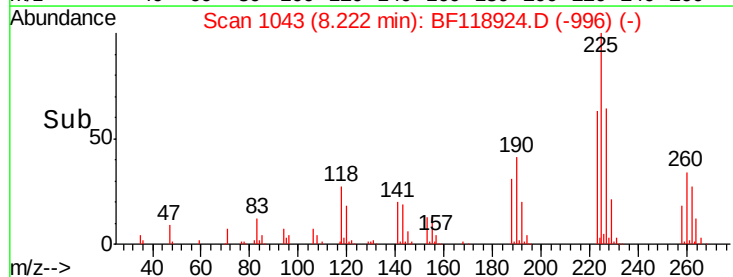
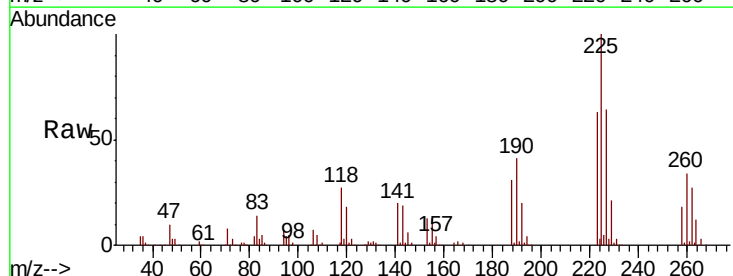
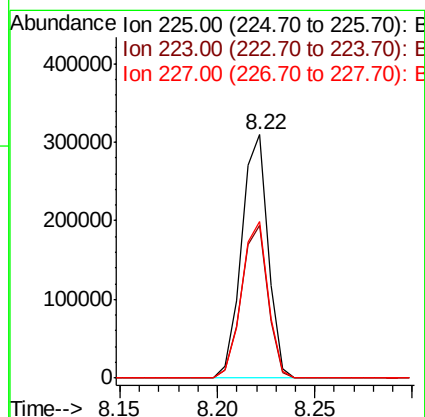
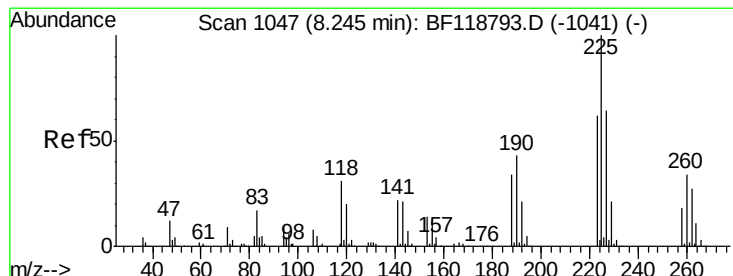
Instrument :
BNA_F
ClientSampleId :

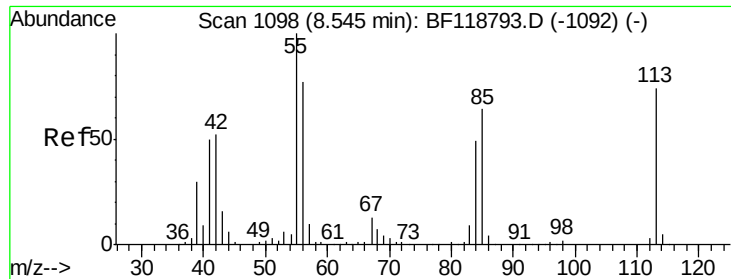
Tot Ion:	127	Resp:	58733
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.7	40.1
65	28.1	22.9	34.3
92	18.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 45.184 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:	225	Resp:	291742
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	64.5	51.0	76.4

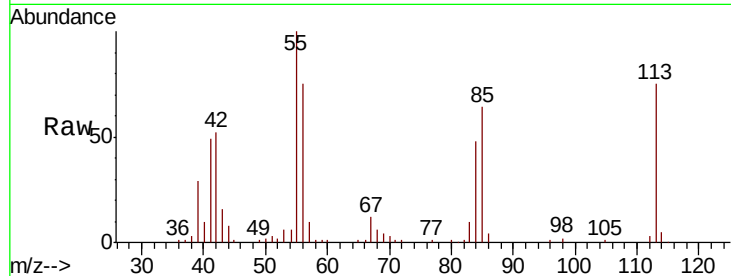




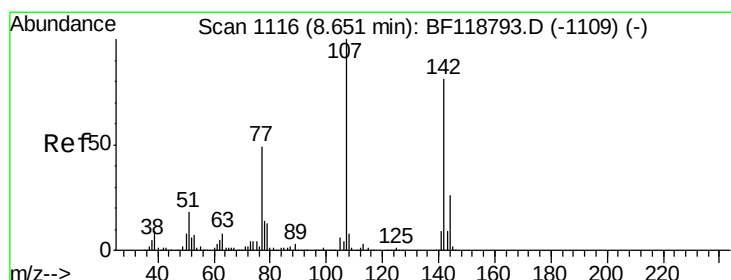
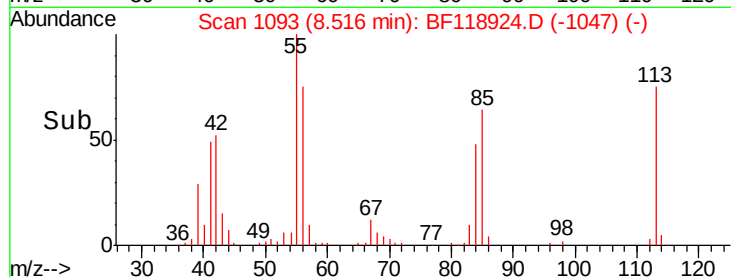
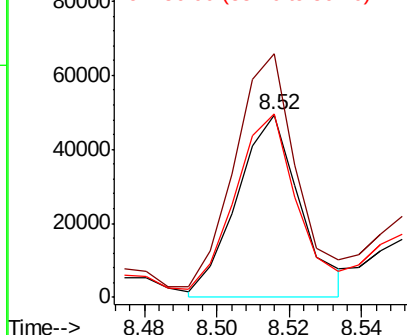
#35
 Caprolactam
 Concen: 20.513 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.03 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 59957
 Ion Ratio Lower Upper
 113 100
 55 133.6 115.5 155.5
 56 100.6 83.7 123.7

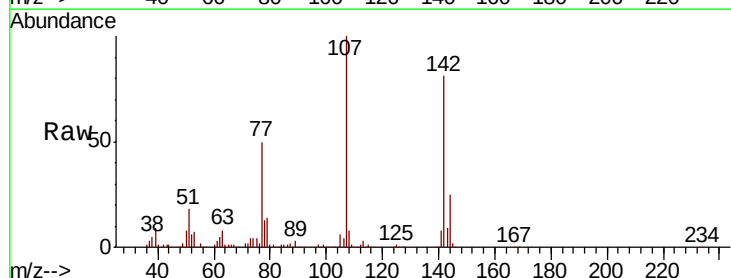


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

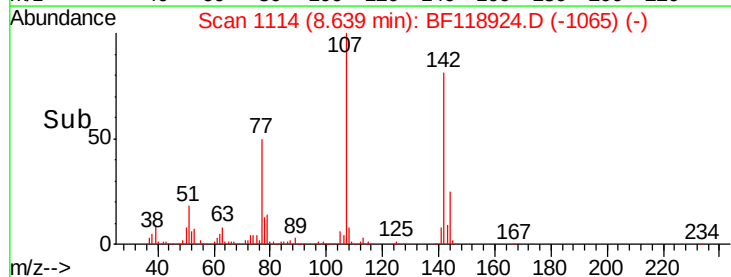
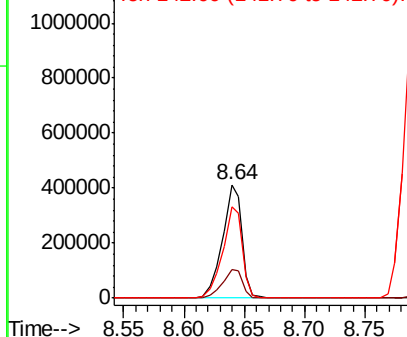


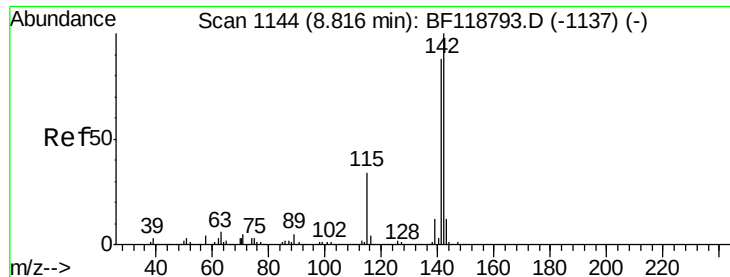
#36
 4-Chloro-3-methylphenol
 Concen: 50.348 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Tgt Ion:107 Resp: 456848
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.0 31.6
 142 80.6 64.8 97.2



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

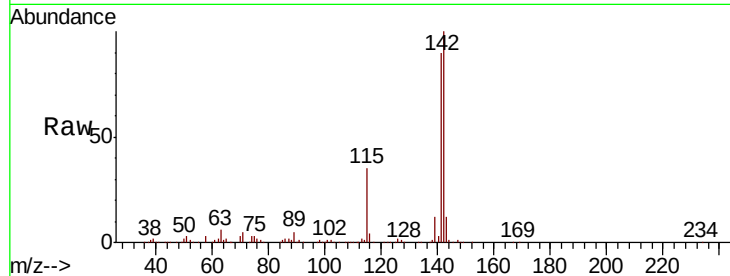




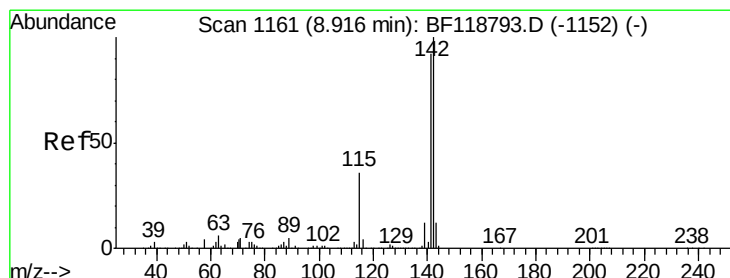
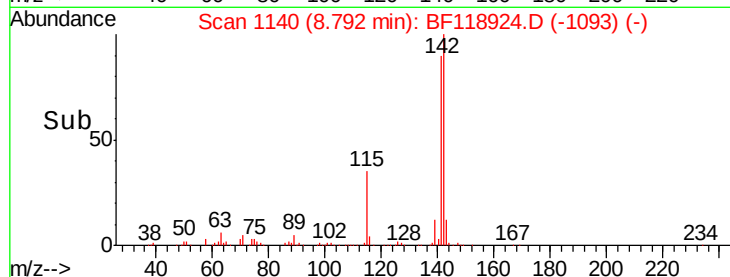
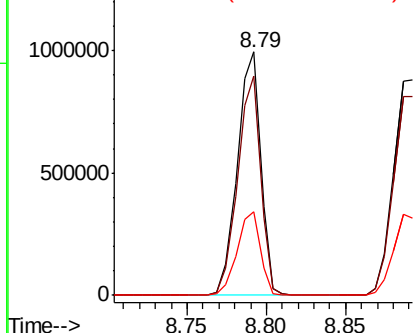
#37
2-Methylnaphthalene
Concen: 51.680 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1017325
Ion Ratio Lower Upper
142 100
141 90.0 70.1 105.1
115 34.6 27.3 40.9

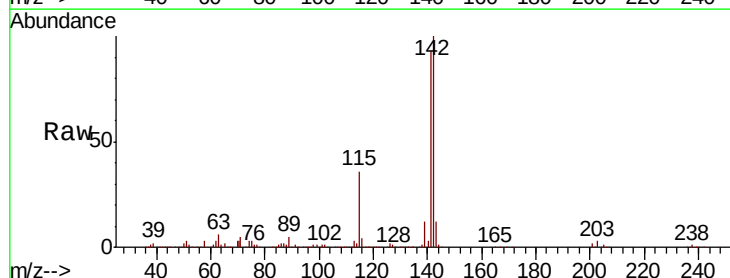


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

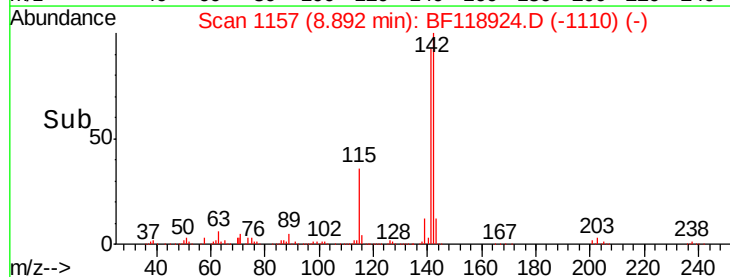
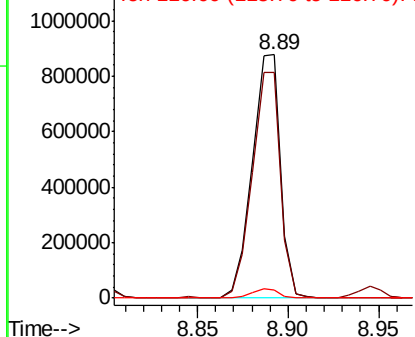


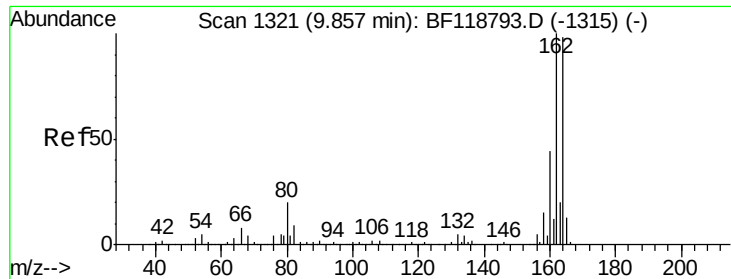
#38
1-Methylnaphthalene
Concen: 51.207 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:142 Resp: 948259
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.6
116 3.5 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

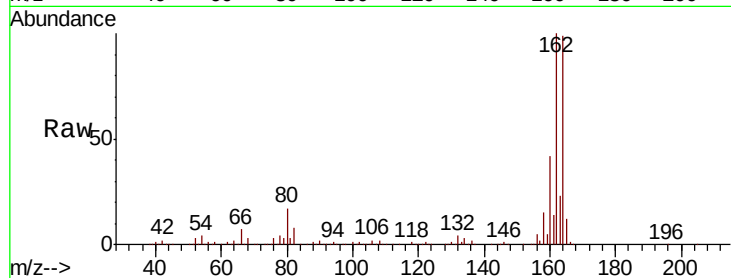




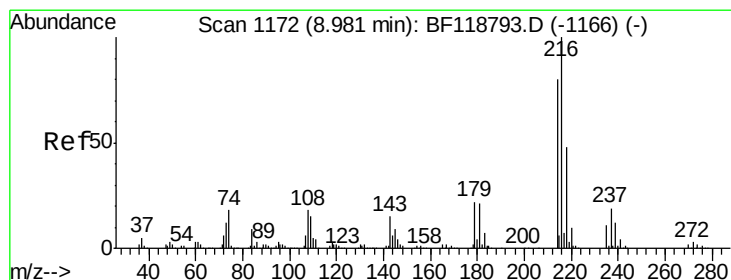
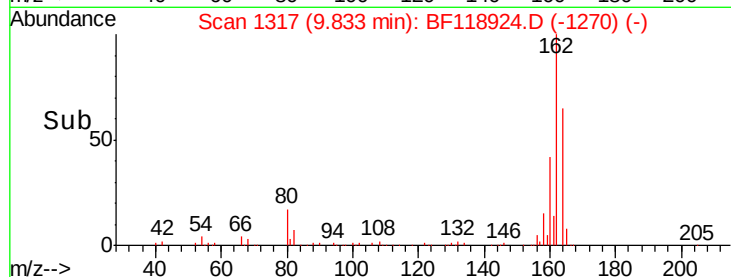
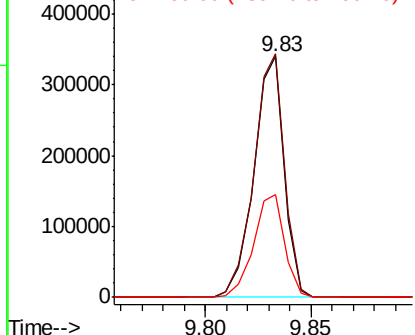
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 337708
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.2
160 42.7 35.6 53.4

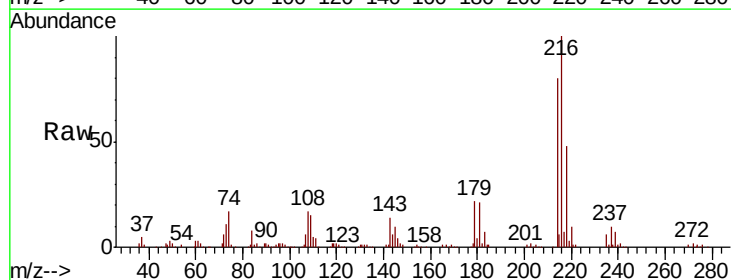


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

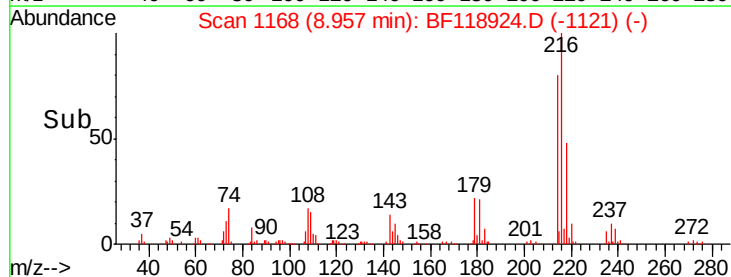
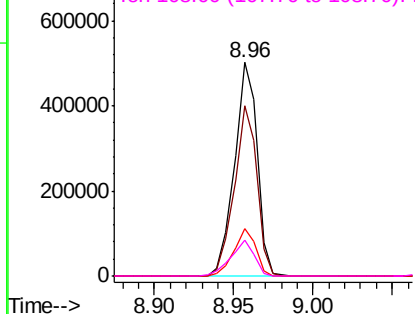


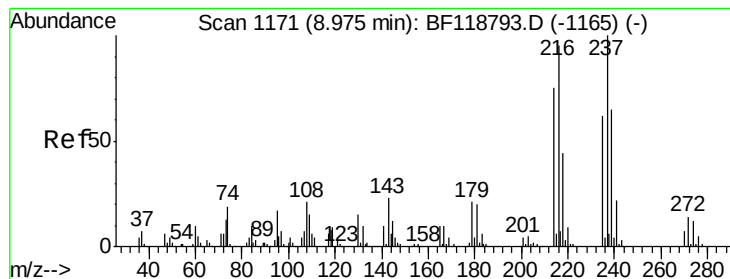
#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.932 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:216 Resp: 498730
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.4
179 21.4 17.0 25.6
108 17.6 13.5 20.3



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





#41

Hexachlorocyclopentadiene

Concen: 84.573 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

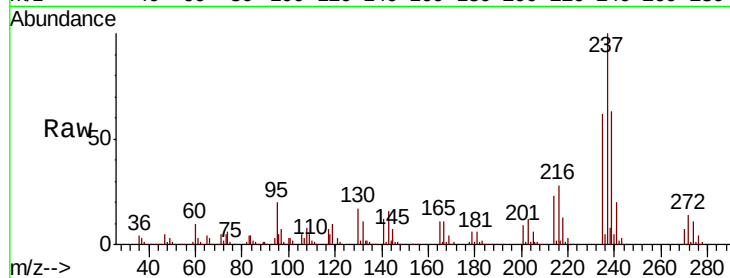
Tot Ion:237 Resp: 338002

Ion Ratio Lower Upper

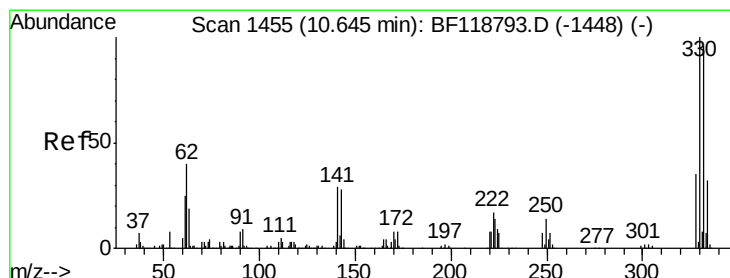
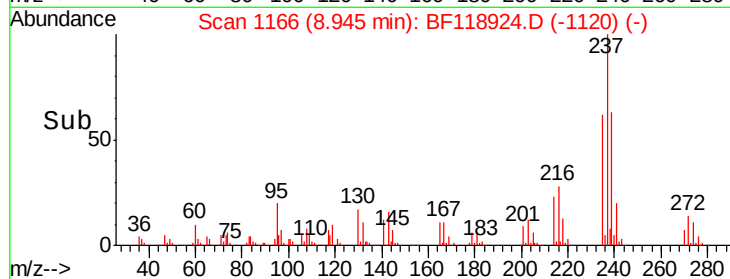
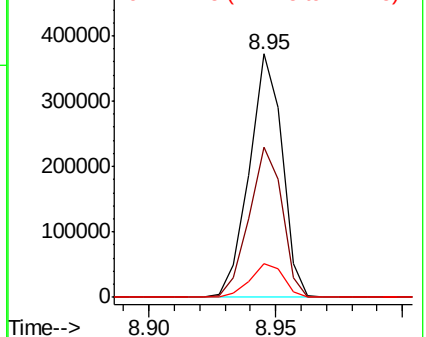
237 100

235 61.8 42.1 82.1

272 13.6 0.0 34.4



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



#42

2,4,6-Tribromophenol

Concen: 138.200 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

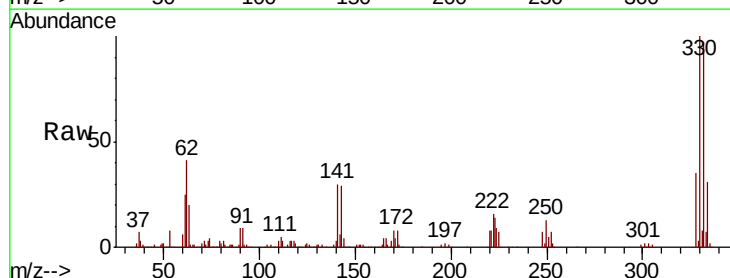
Tgt Ion:330 Resp: 558436

Ion Ratio Lower Upper

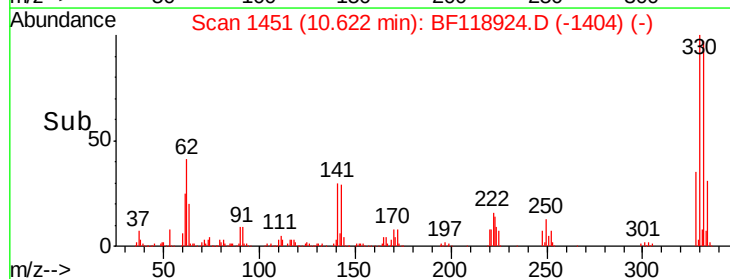
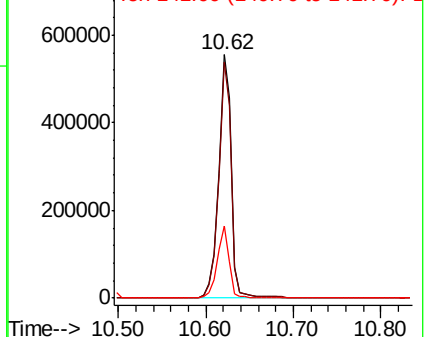
330 100

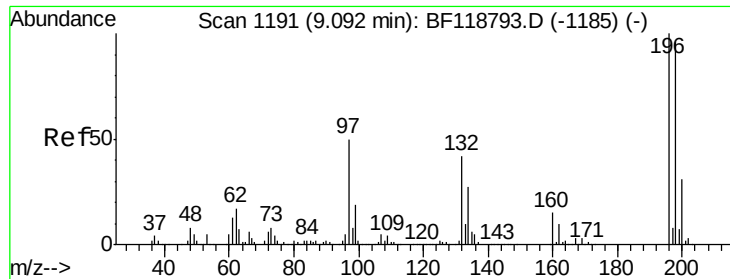
332 96.8 77.3 115.9

141 28.0 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

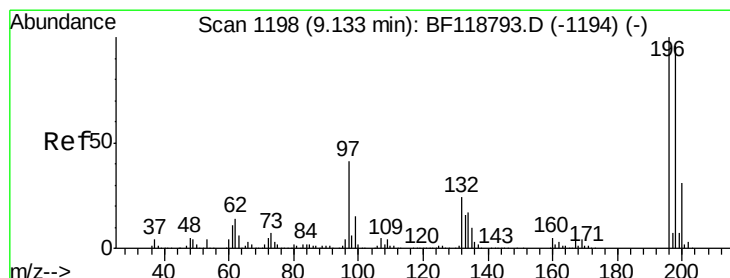
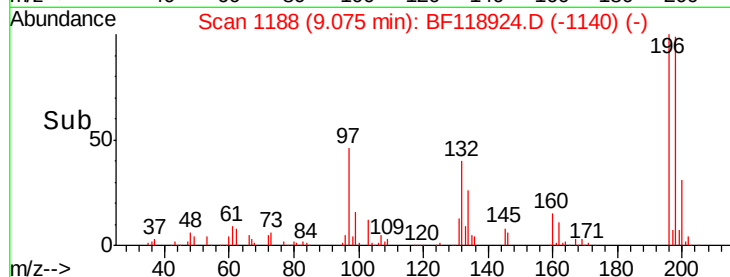
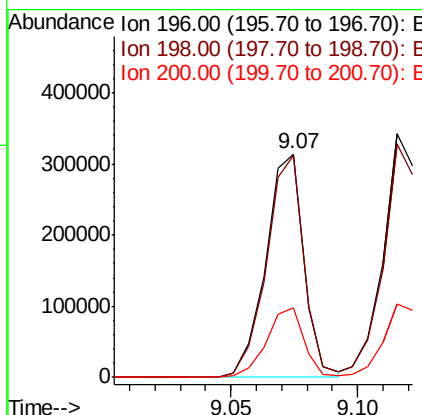
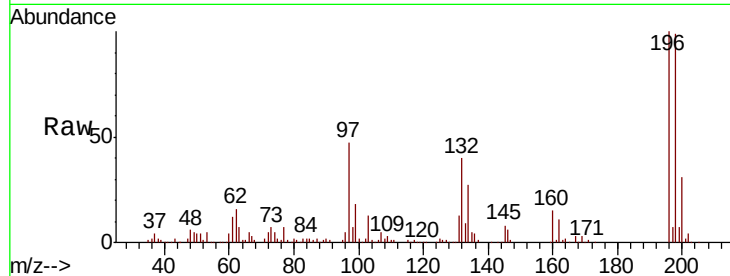




#43
 2,4,6-Trichlorophenol
 Concen: 47.894 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

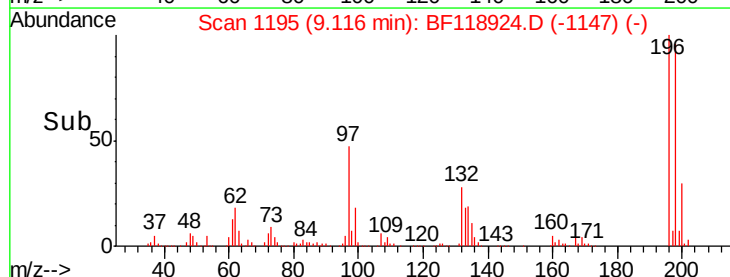
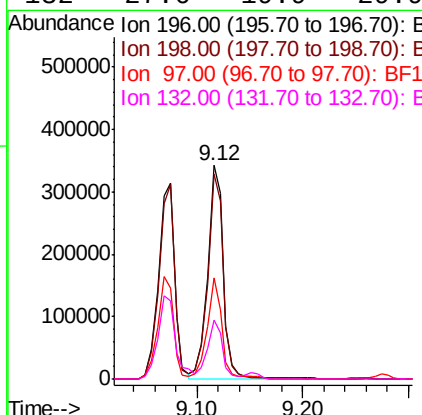
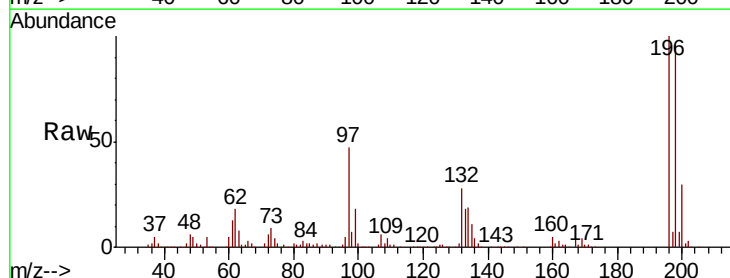
Instrument :
 BNA_F
 ClientSampleId :

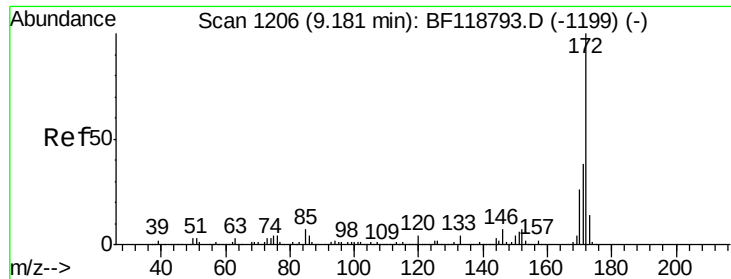
Tot Ion:196 Resp: 326426
 Ion Ratio Lower Upper
 196 100
 198 99.0 76.7 115.1
 200 31.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.983 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Tgt Ion:196 Resp: 355050
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.0 115.4
 97 47.3 32.9 49.3
 132 27.6 19.9 29.9

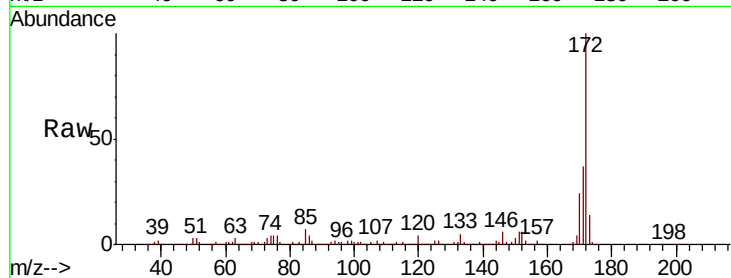




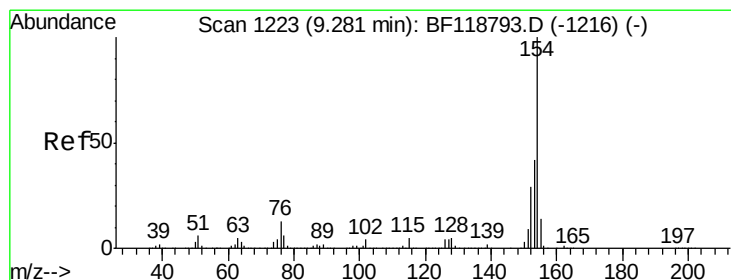
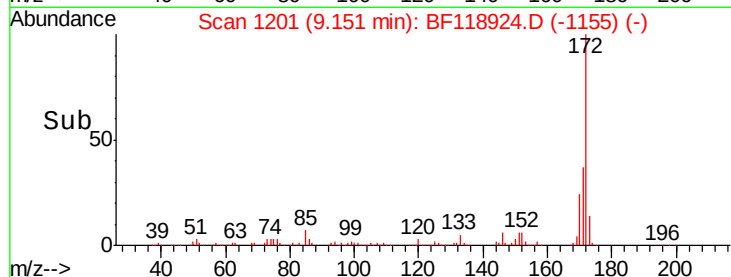
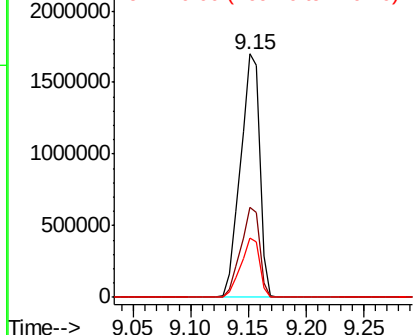
#45
2-Fluorobiphenyl
Concen: 104.004 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1964705
Ion Ratio Lower Upper
172 100
171 37.1 30.8 46.2
170 24.3 20.5 30.7

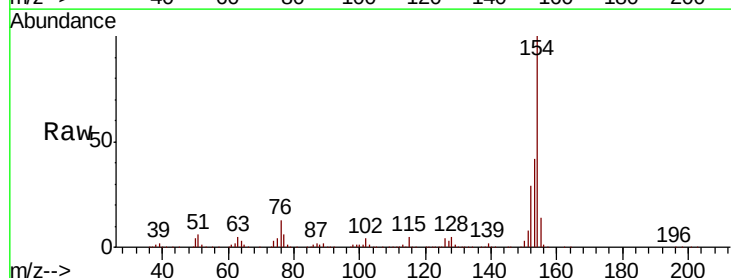


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

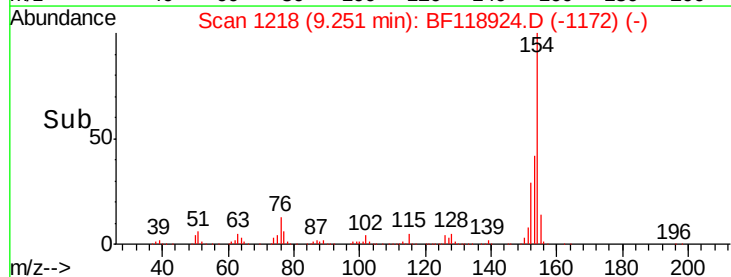
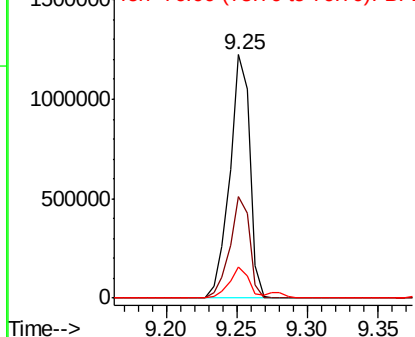


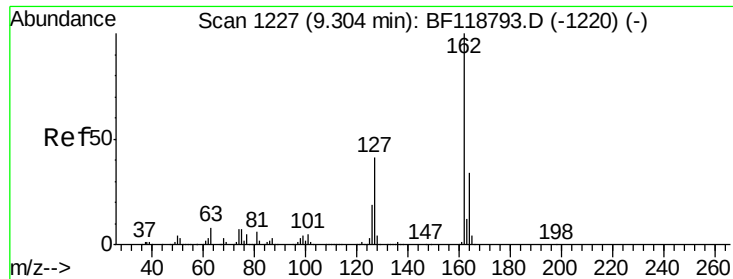
#46
1,1'-Biphenyl
Concen: 51.683 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:154 Resp: 1207352
Ion Ratio Lower Upper
154 100
153 41.9 22.4 62.4
76 12.7 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

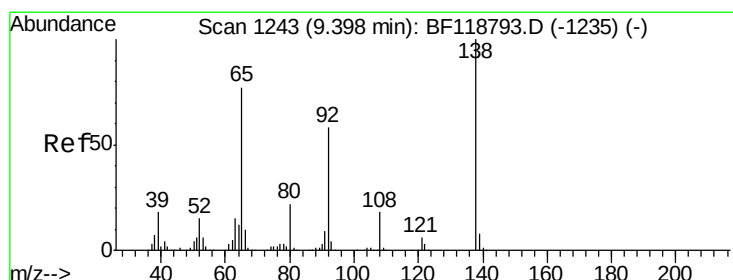
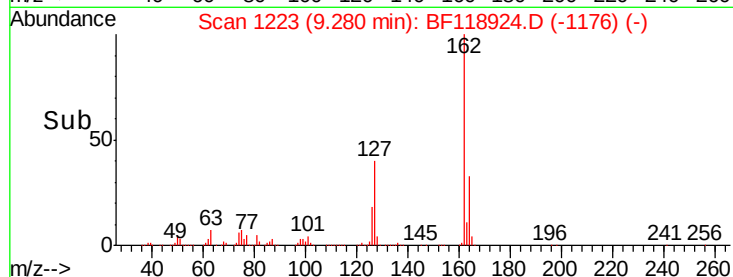
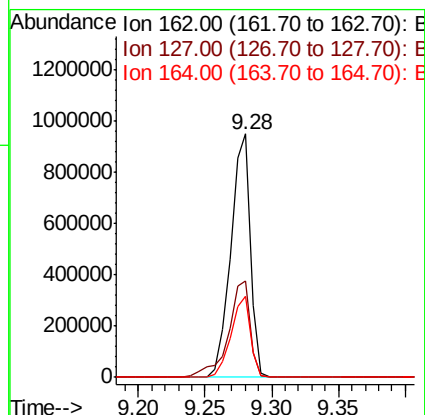
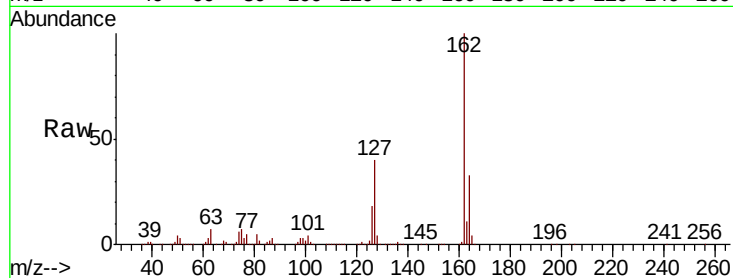




#47
 2-Chloronaphthalene
 Concen: 50.662 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

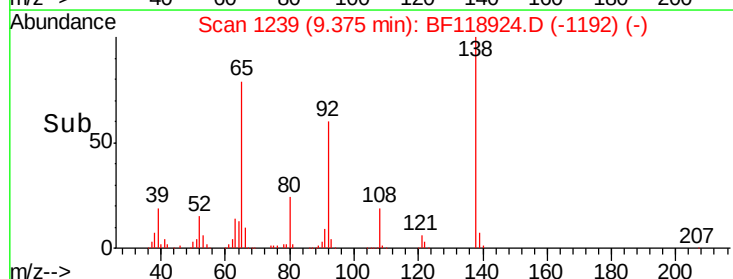
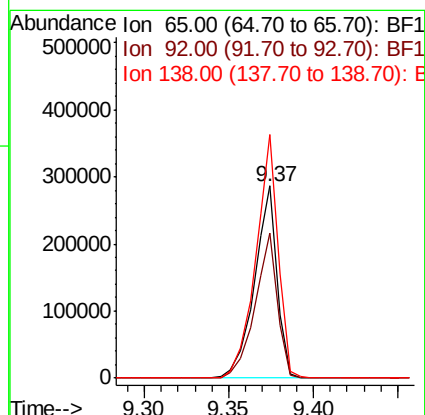
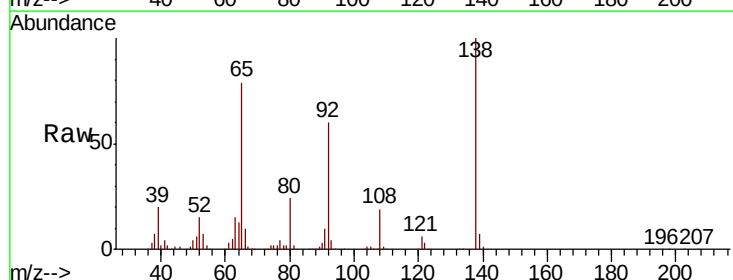
Instrument :
 BNA_F
 ClientSampleId :

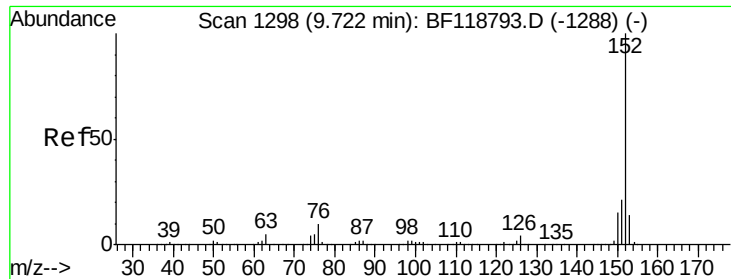
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.3	49.9
164	33.2	27.1	40.7



#48
 2-Nitroaniline
 Concen: 48.032 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.8	60.6	91.0
138	126.8	104.6	156.8





#49

Acenaphthylene

Concen: 54.211 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

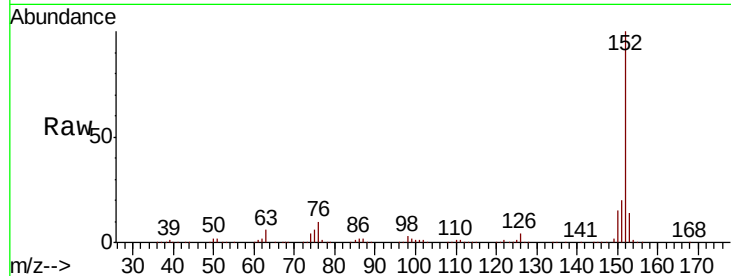
Tot Ion:152 Resp: 1520125

Ion Ratio Lower Upper

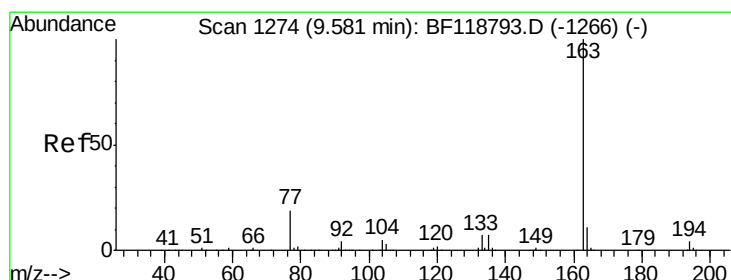
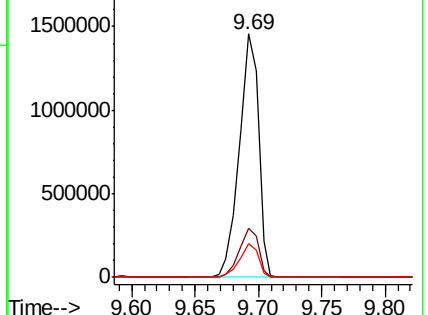
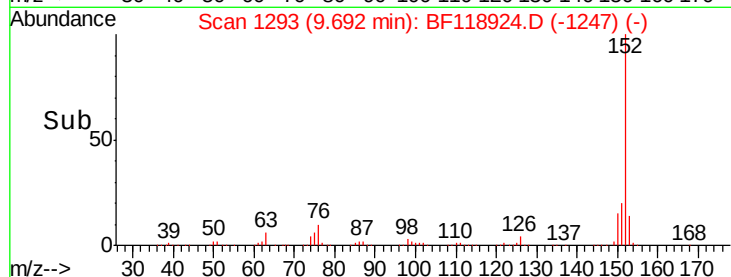
152 100

151 20.4 17.1 25.7

153 13.6 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.468 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

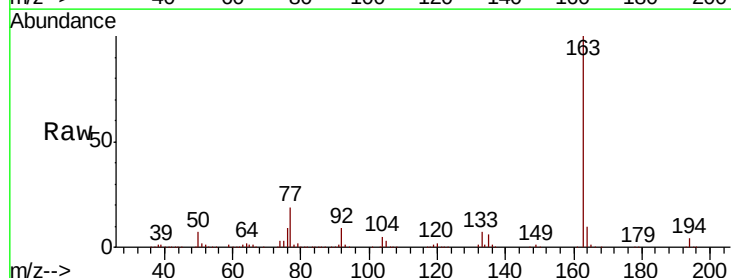
Tgt Ion:163 Resp: 1160505

Ion Ratio Lower Upper

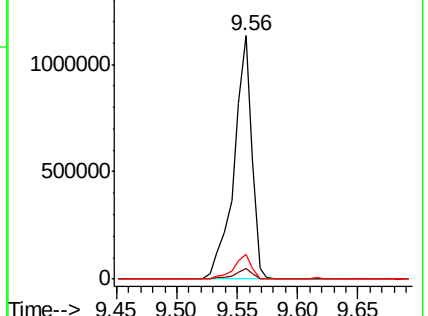
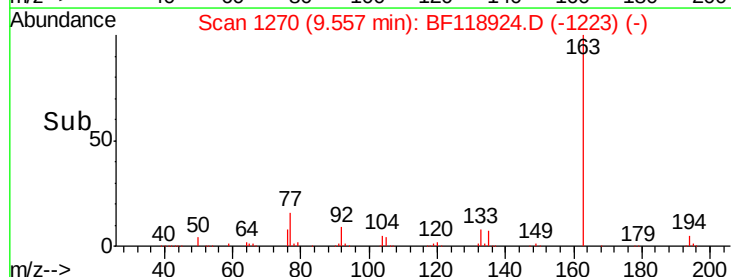
163 100

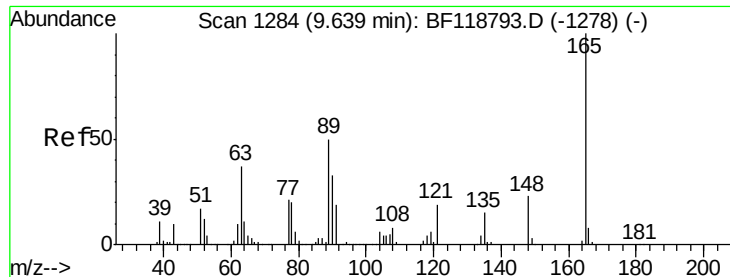
194 4.4 3.6 5.4

164 10.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

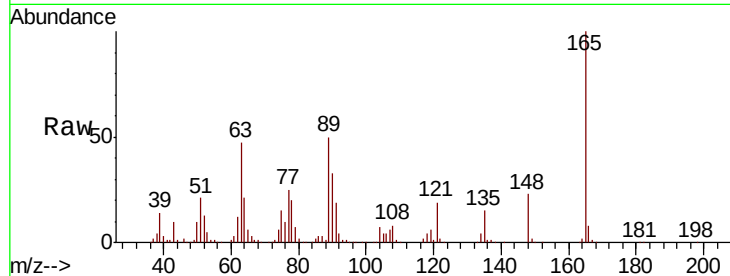




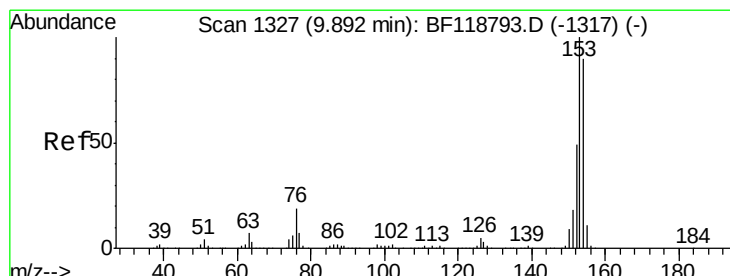
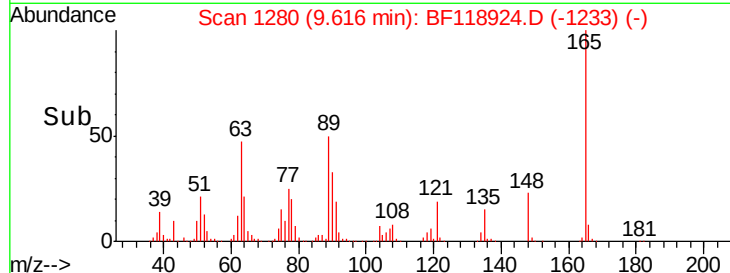
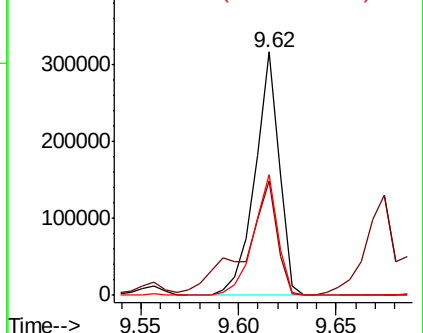
#51
 2,6-Dinitrotoluene
 Concen: 51.792 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 272502
 Ion Ratio Lower Upper
 165 100
 63 46.8 37.4 56.0
 89 49.7 39.7 59.5

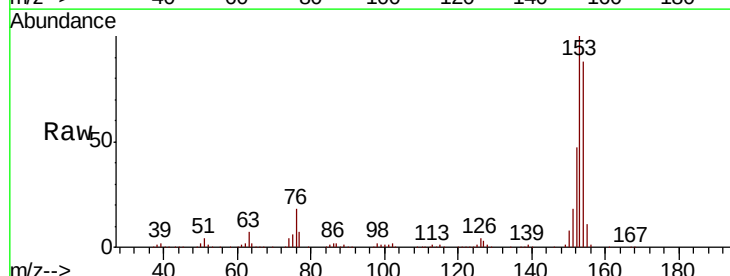


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

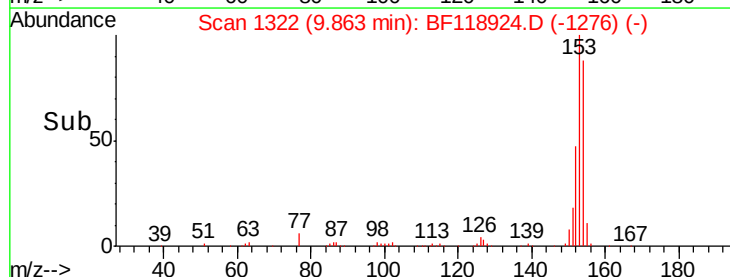
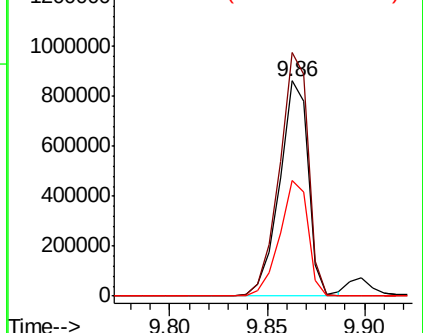


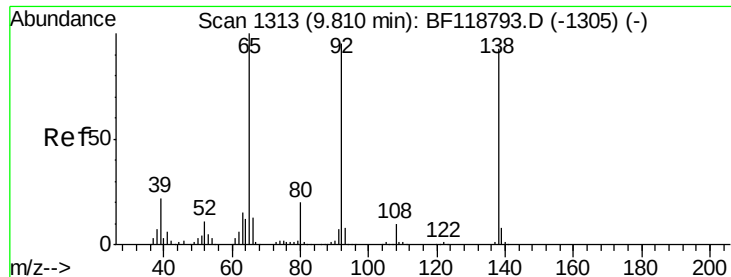
#52
 Acenaphthene
 Concen: 47.653 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.03 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Tgt Ion:154 Resp: 880526
 Ion Ratio Lower Upper
 154 100
 153 113.2 89.4 134.0
 152 53.7 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

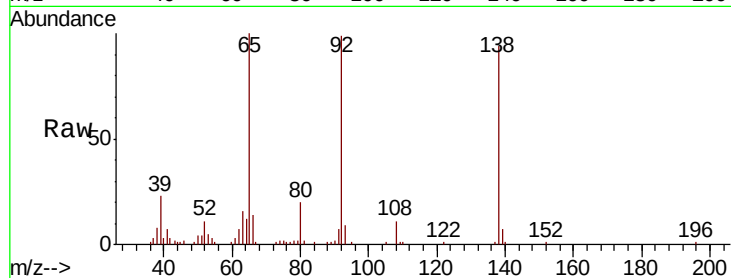




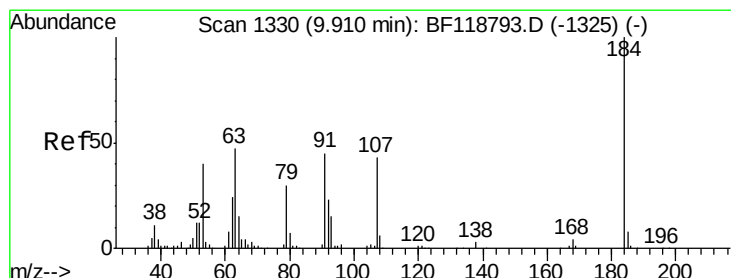
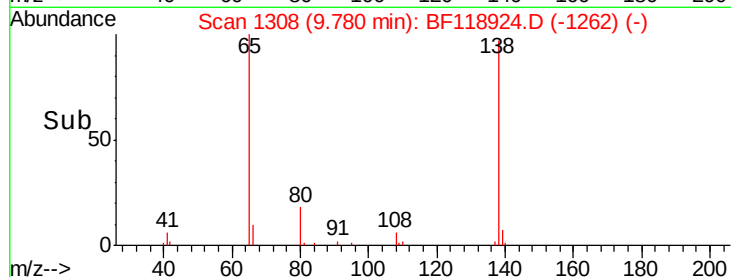
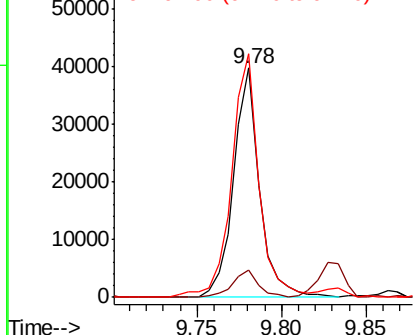
#53
 3-Nitroaniline
 Concen: 7.274 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.03 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 42443
 Ion Ratio Lower Upper
 138 100
 108 11.9 8.5 12.7
 92 106.3 82.2 123.4

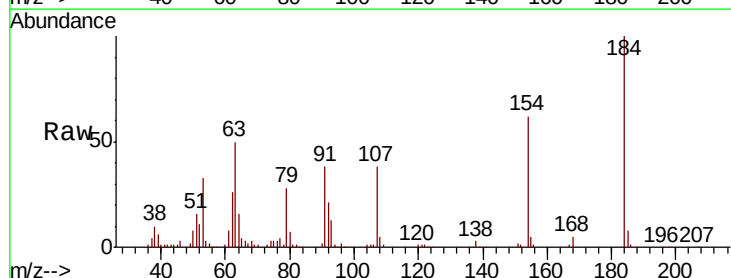


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

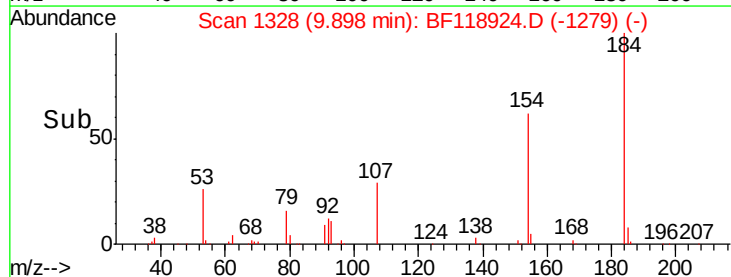
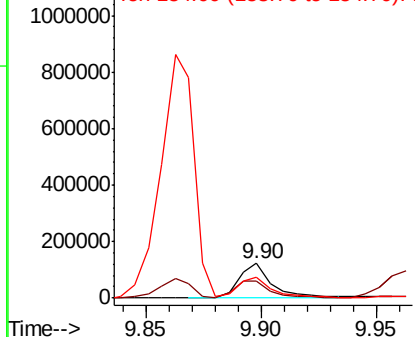


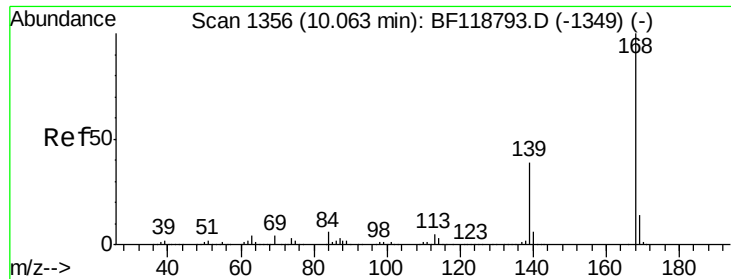
#54
 2,4-Dinitrophenol
 Concen: 48.398 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Tgt Ion:184 Resp: 122415
 Ion Ratio Lower Upper
 184 100
 63 50.0 47.5 71.3
 154 61.6 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

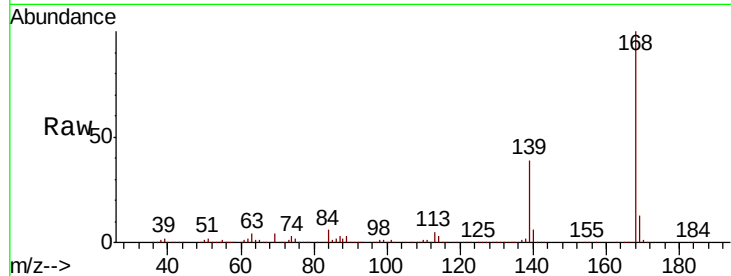




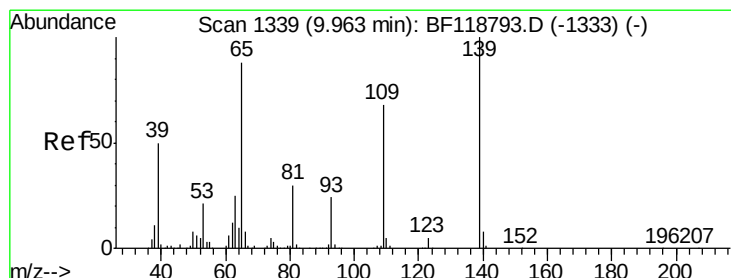
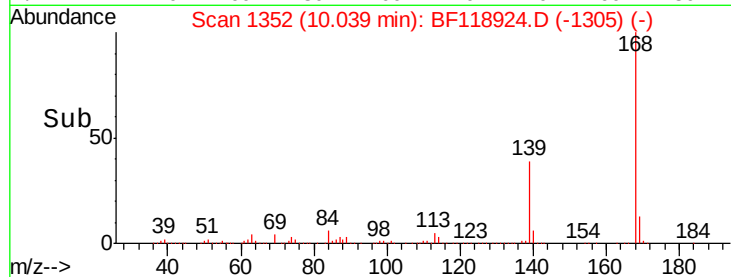
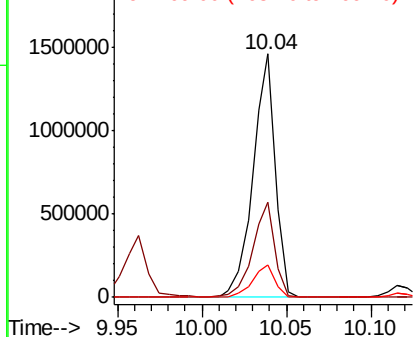
#55
Dibenzofuran
Concen: 50.408 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1346061
Ion Ratio Lower Upper
168 100
139 38.9 31.6 47.4
169 13.4 11.4 17.2

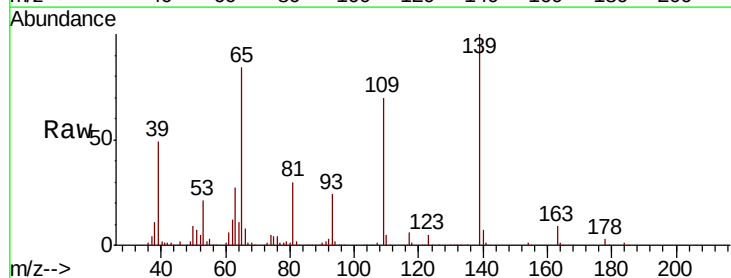


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

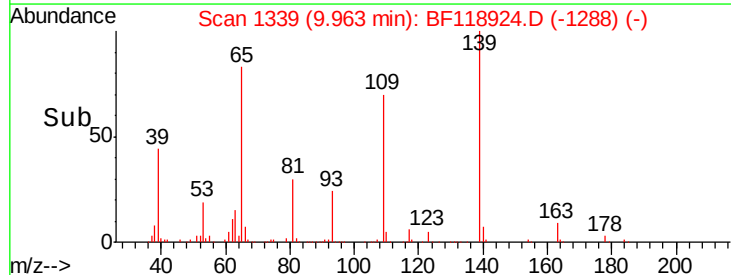
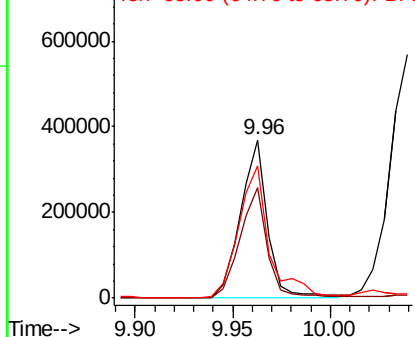


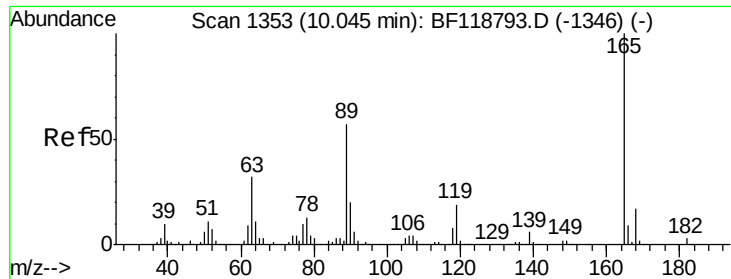
#56
4-Nitrophenol
Concen: 84.455 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:139 Resp: 356663
Ion Ratio Lower Upper
139 100
109 69.9 48.0 88.0
65 83.7 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

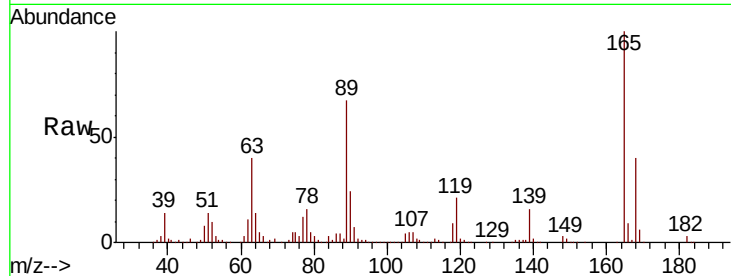




#57
2,4-Dinitrotoluene
Concen: 51.089 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.0	25.5	38.3#
89	66.7	45.4	68.0
182	3.0	2.4	3.6



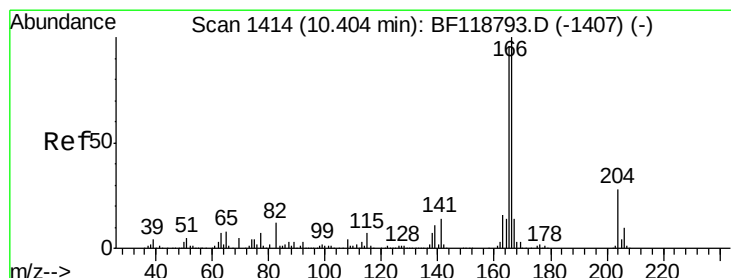
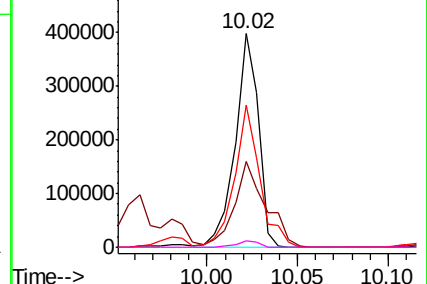
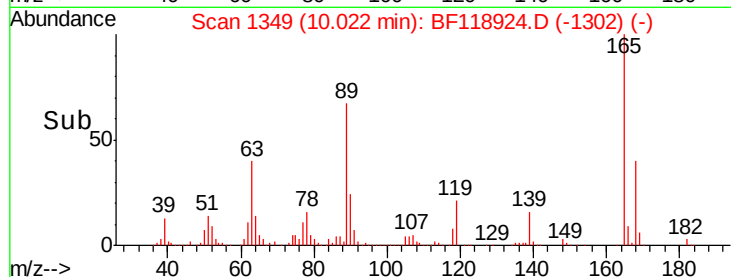
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

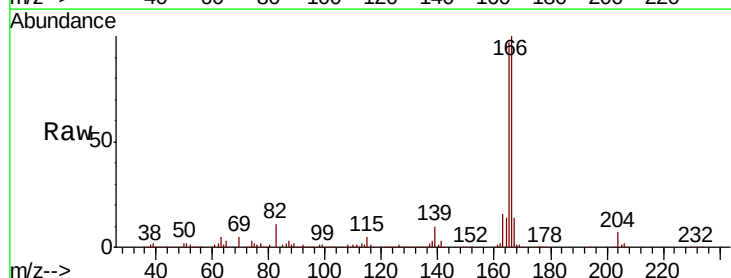
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 51.621 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.0	115.6
167	13.6	11.1	16.7

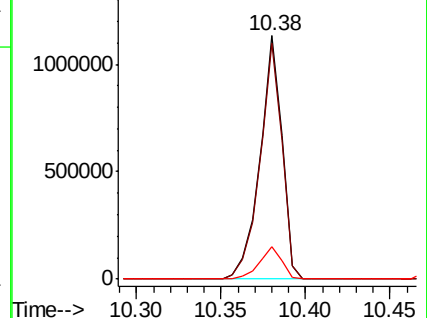
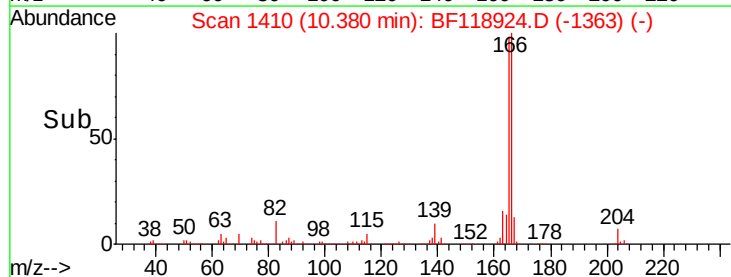


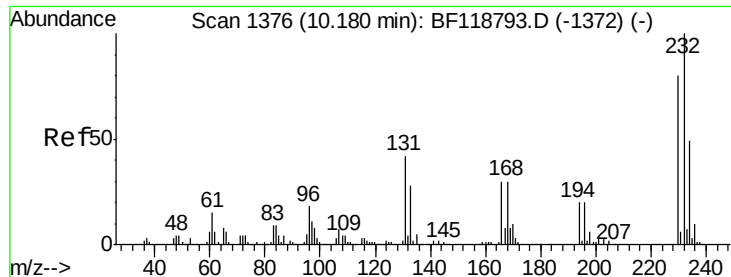
Abundance

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: 49.493 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 301009

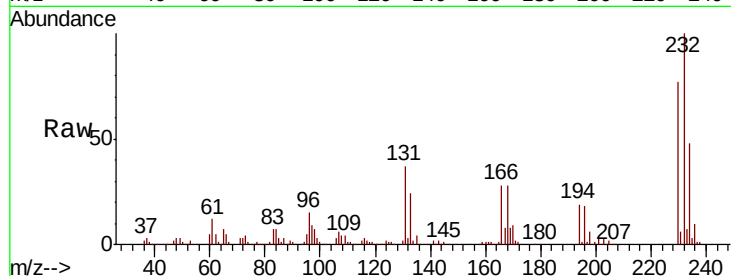
Ion Ratio Lower Upper

232 100

131 40.2 31.8 47.6

130 2.1 1.6 2.4

166 29.2 23.1 34.7

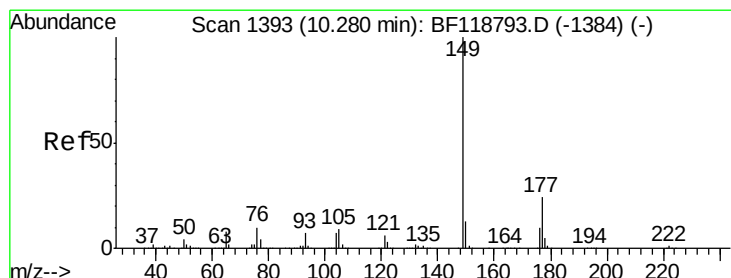
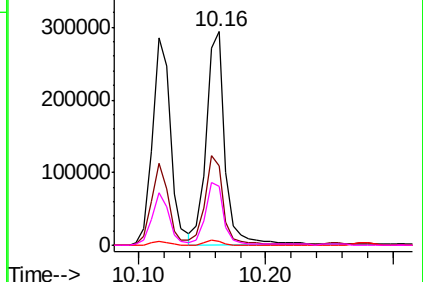
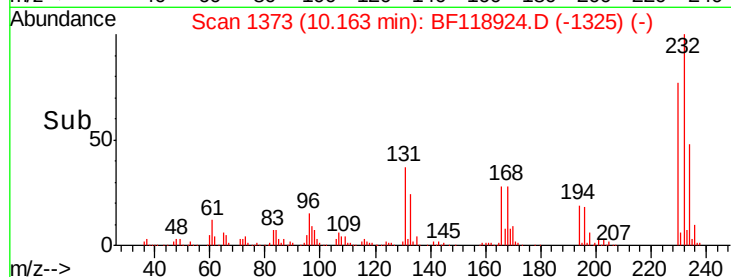


Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.935 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

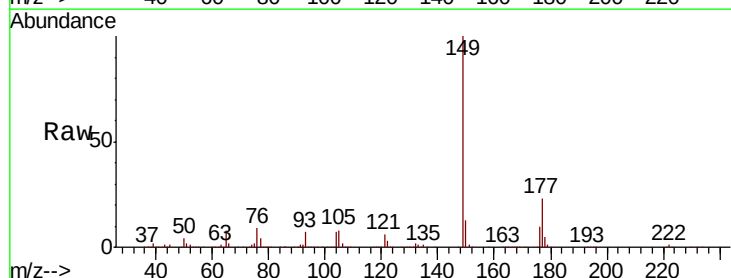
Tgt Ion:149 Resp: 1094164

Ion Ratio Lower Upper

149 100

177 23.3 19.3 28.9

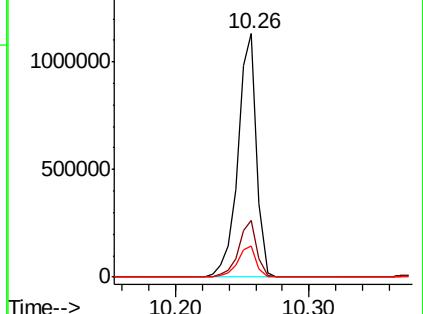
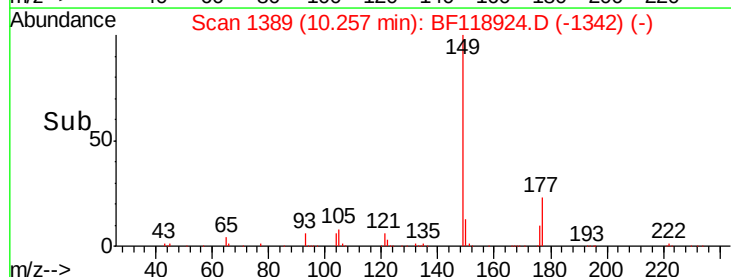
150 12.7 10.4 15.6

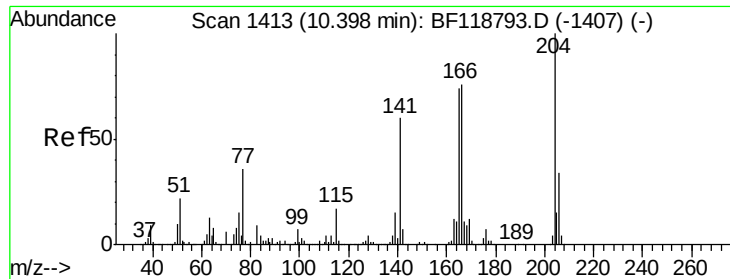


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

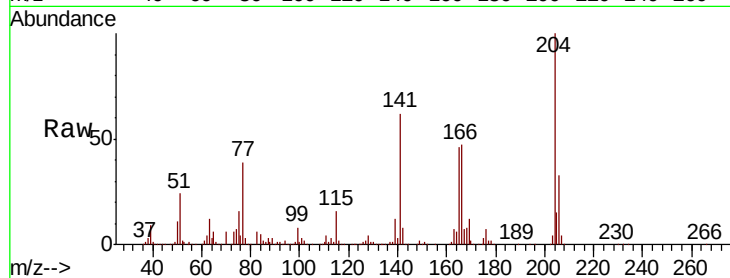




#61
 4-Chlorophenyl-phenylether
 Concen: 49.063 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.03 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.4	41.2
141	62.5	47.8	71.6

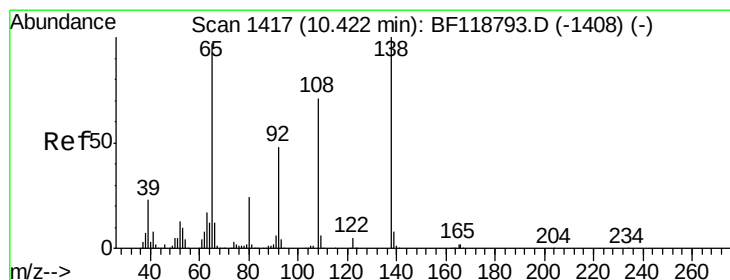
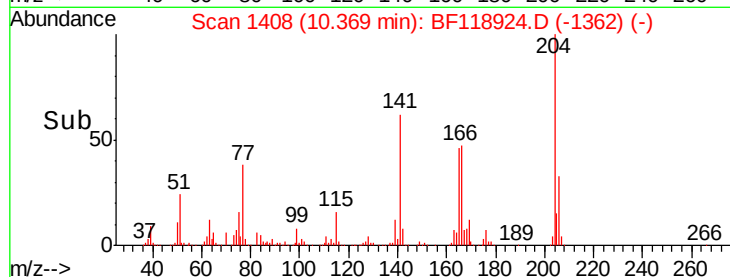
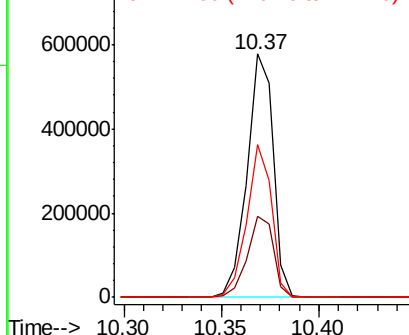


Abundance

Ion 204.00 (203.70 to 204.70): E

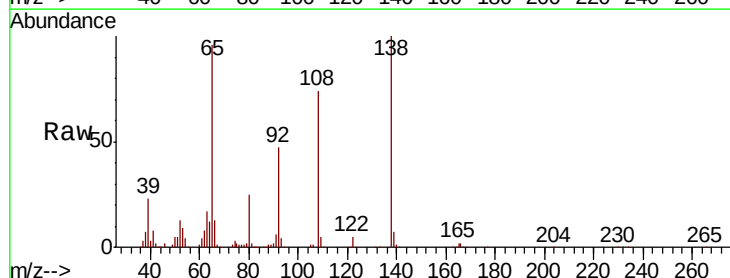
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 41.675 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	27.6	67.6
108	74.1	51.3	91.3

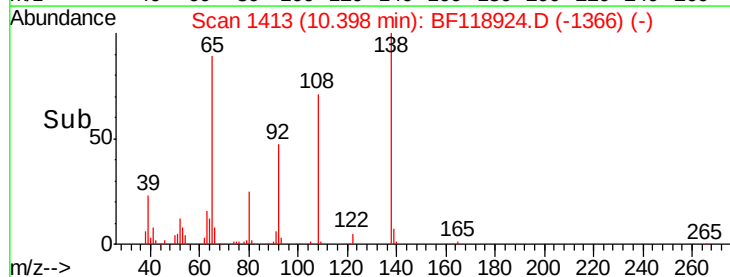
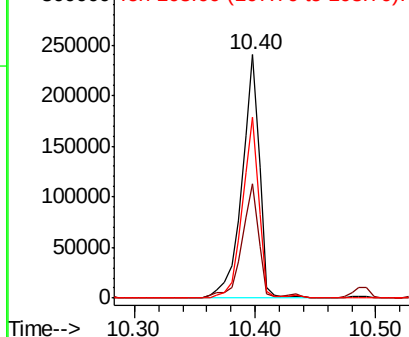


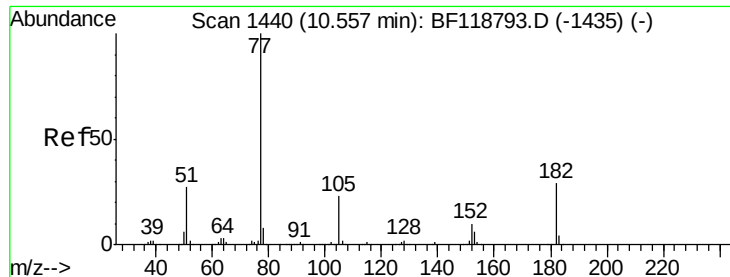
Abundance

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: 50.769 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 969149

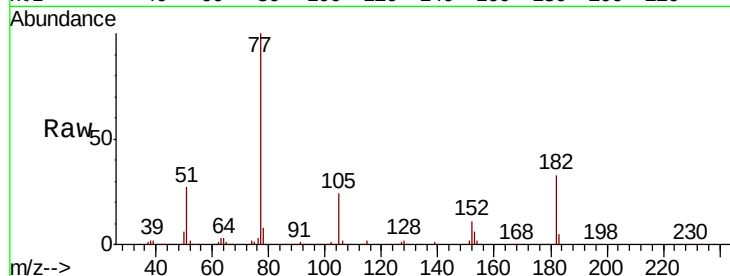
Ion Ratio Lower Upper

77 100

182 33.2 9.2 49.2

105 24.2 3.1 43.1

51 27.0 7.4 47.4

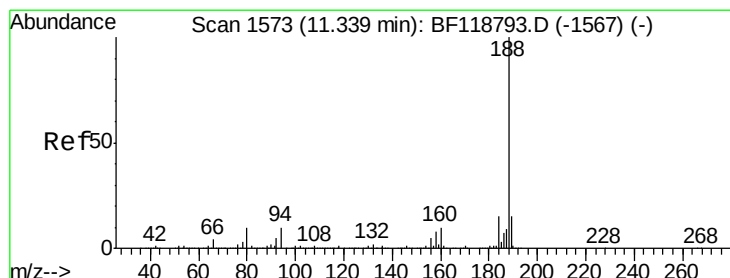
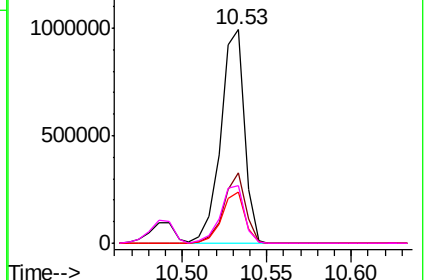
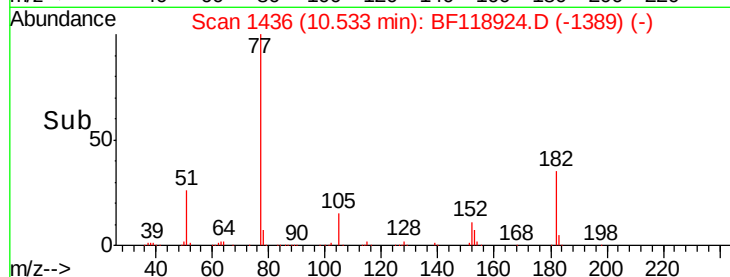


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

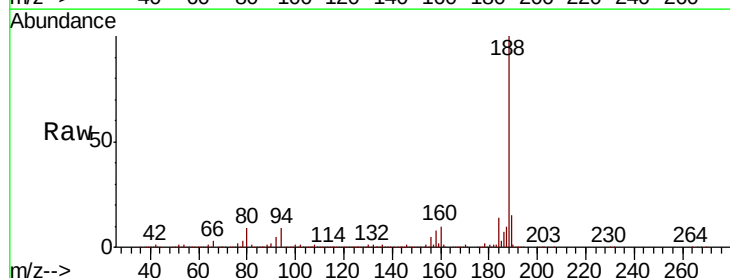
Tgt Ion: 188 Resp: 810171

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

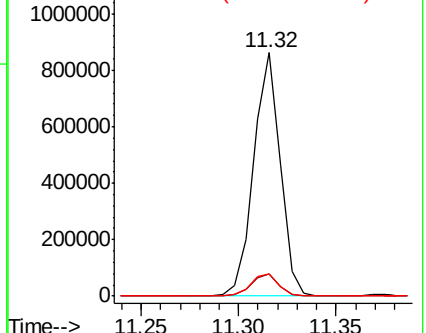
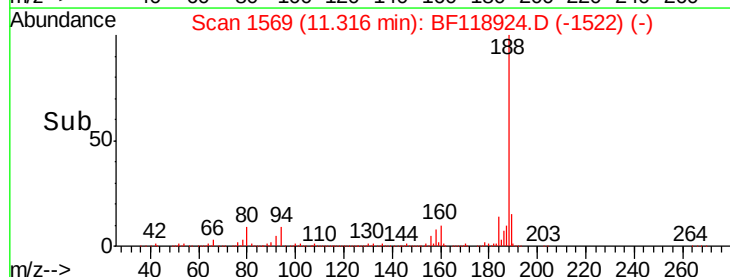
80 9.2 8.4 12.6

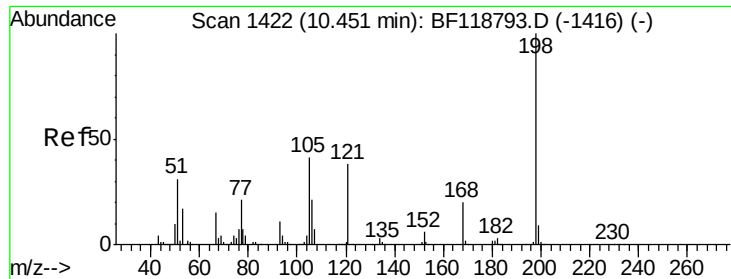


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

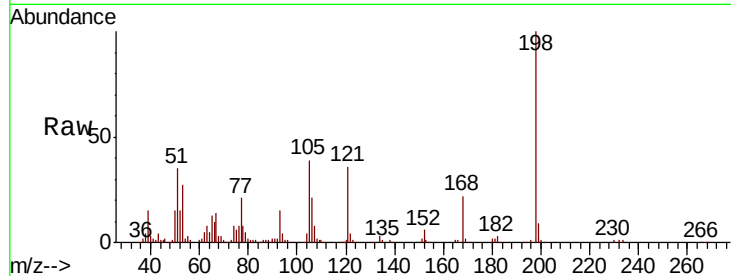




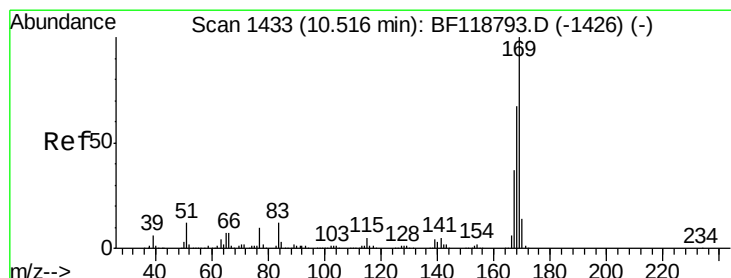
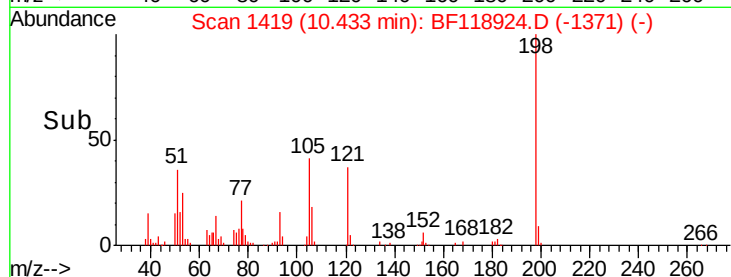
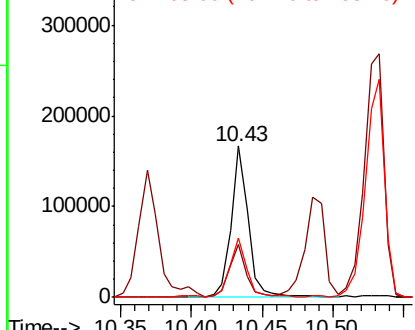
#65
4,6-Dinitro-2-methylphenol
Concen: 31.168 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 141889
Ion Ratio Lower Upper
198 100
51 34.8 16.7 56.7
105 39.5 22.0 62.0

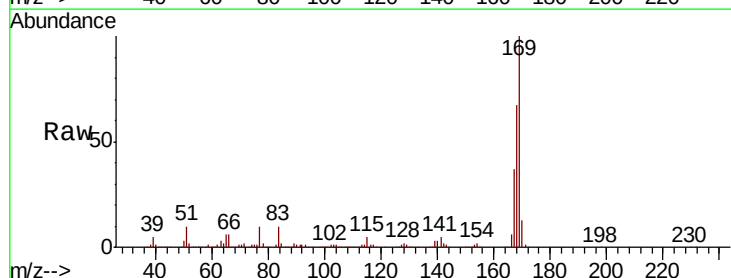


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

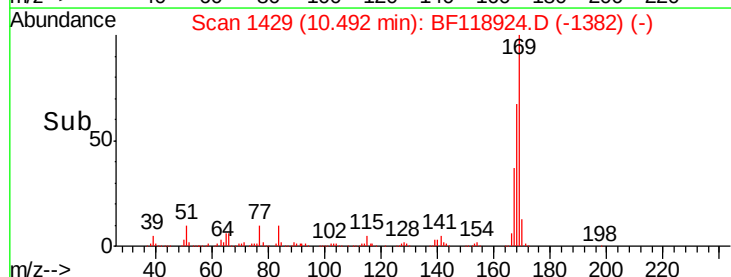
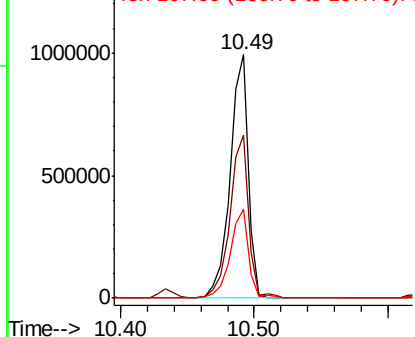


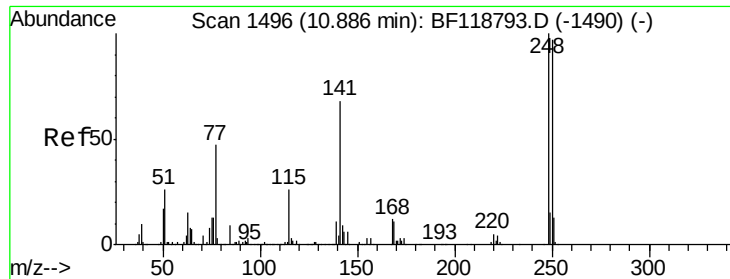
#66
n-Nitrosodiphenylamine
Concen: 40.781 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:169 Resp: 957033
Ion Ratio Lower Upper
169 100
168 67.2 53.5 80.3
167 36.7 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

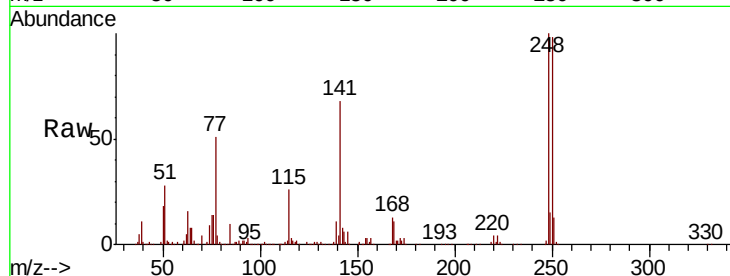




#67
4-Bromophenyl-phenylether
Concen: 51.162 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.03 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.6	116.4
141	68.5	54.4	81.6

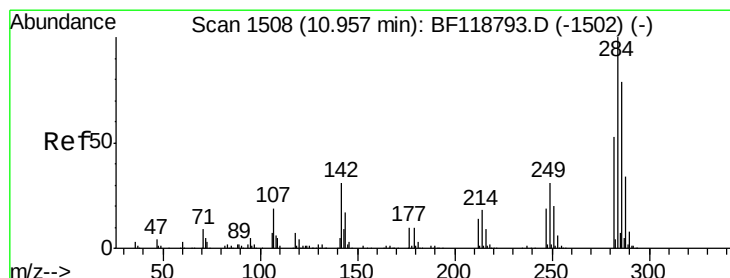
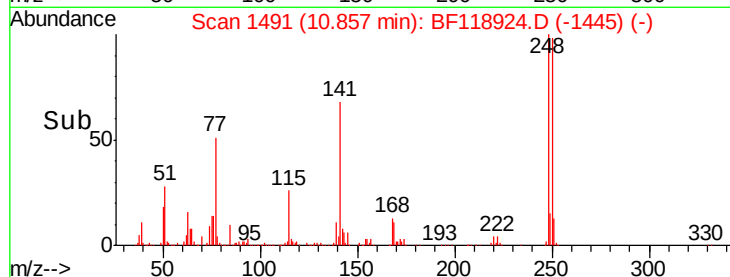
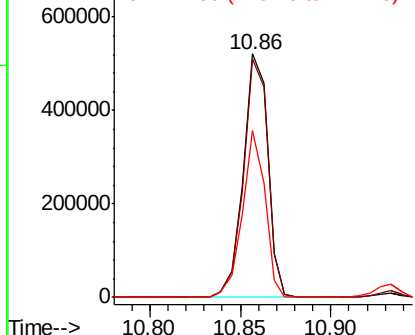


Abundance

Ion 248.00 (247.70 to 248.70): E

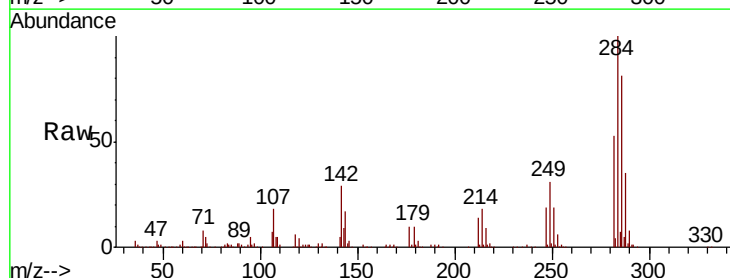
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.654 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	24.5	36.7
249	31.1	24.7	37.1

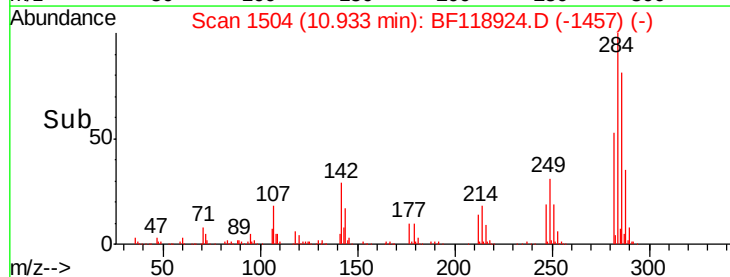
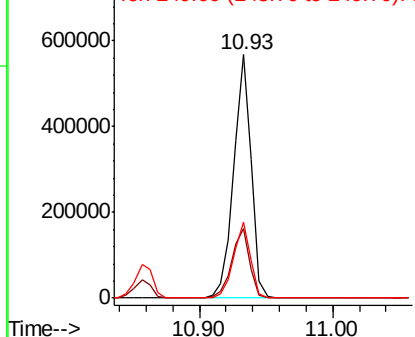


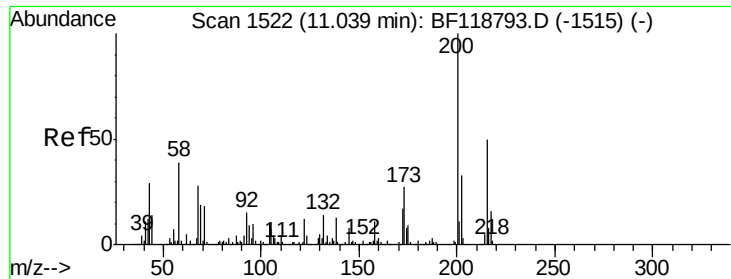
Abundance

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

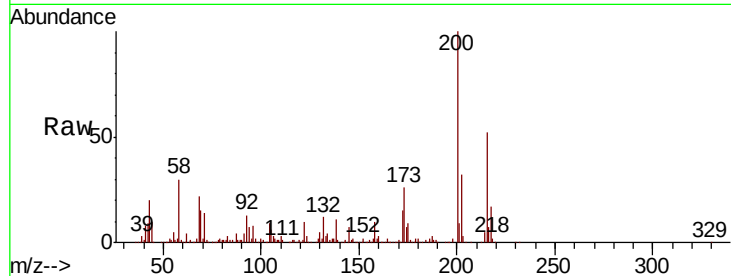




#69
 Atrazine
 Concen: 57.935 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	7.5	47.5
215	51.6	29.9	69.9

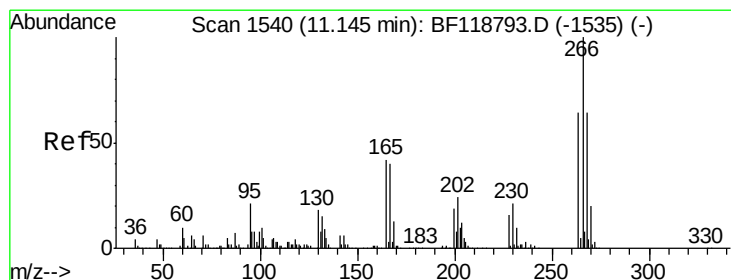
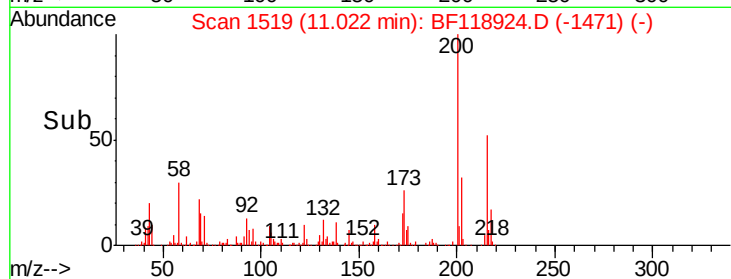
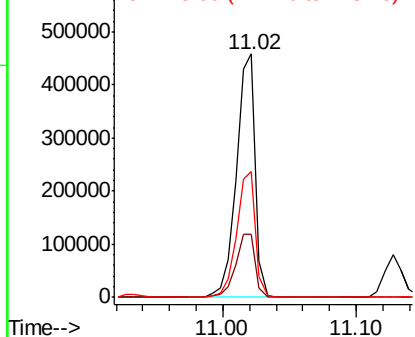


Abundance

Ion 200.00 (199.70 to 200.70): E

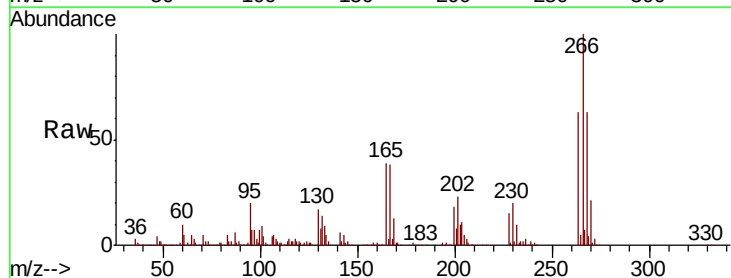
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 85.546 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.0	76.6
264	63.0	51.4	77.2

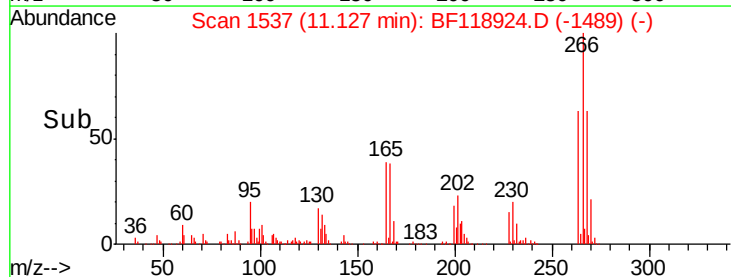
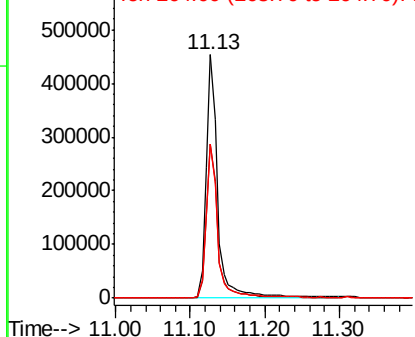


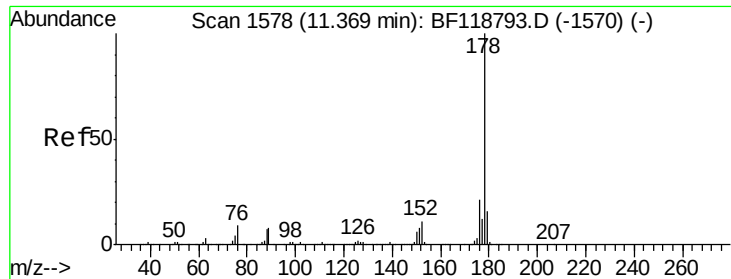
Abundance

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

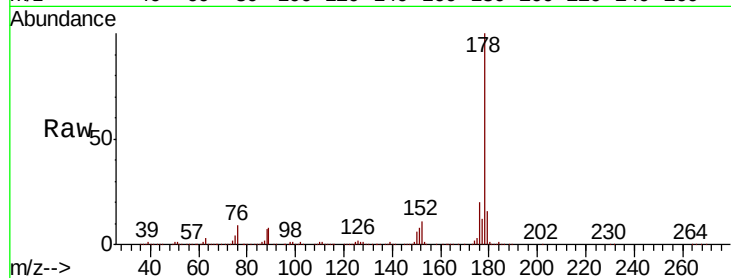




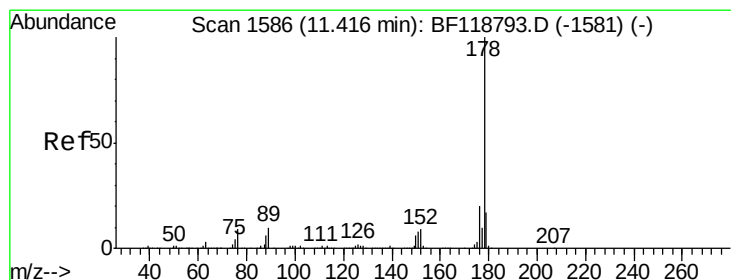
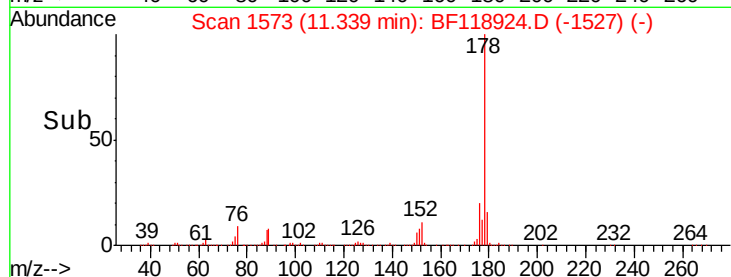
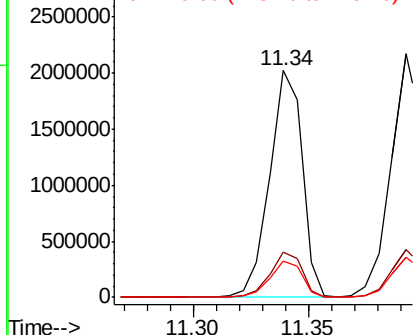
#71
Phenanthrene
Concen: 49.873 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1988032
Ion Ratio Lower Upper
178 100
176 20.2 16.6 24.8
179 16.1 13.2 19.8

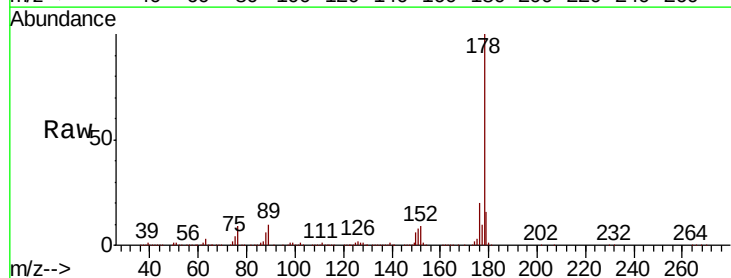


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

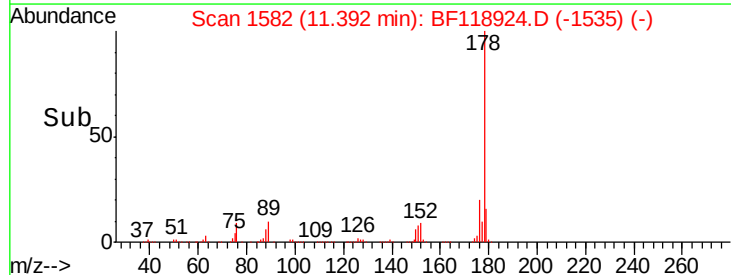
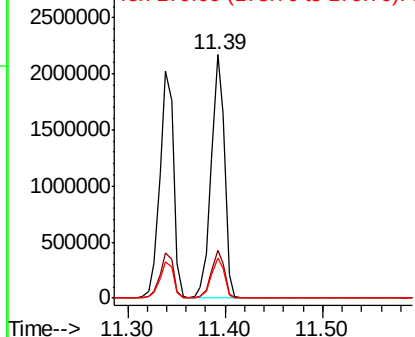


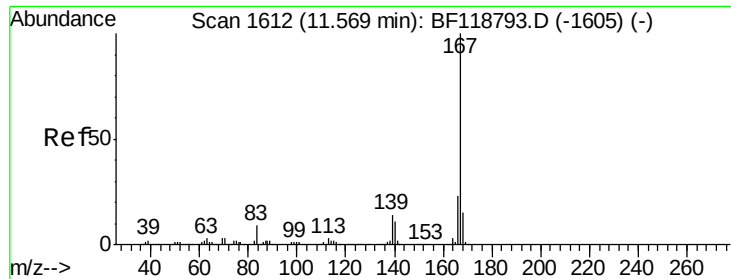
#72
Anthracene
Concen: 51.893 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:178 Resp: 2057836
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 16.3 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

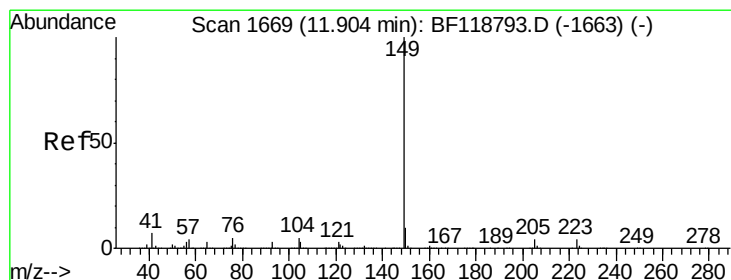
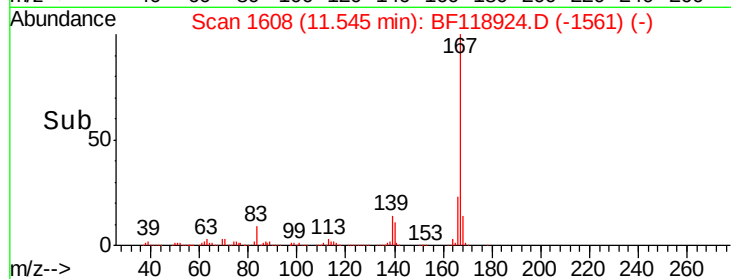
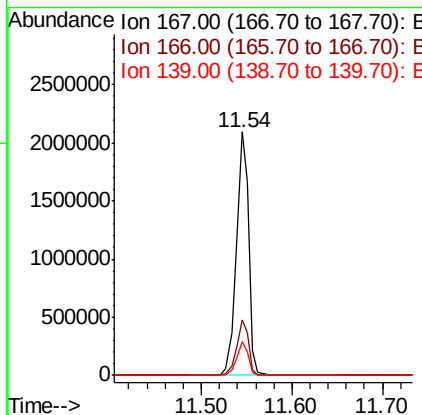
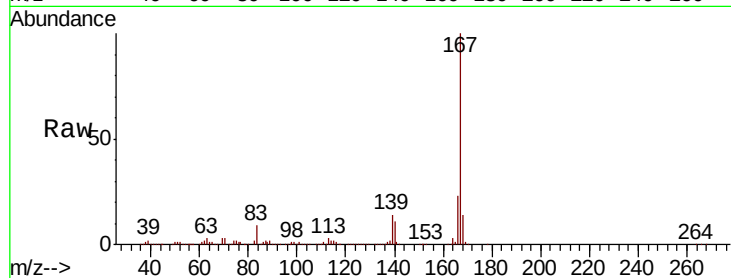




#73
 Carbazole
 Concen: 57.573 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.02 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

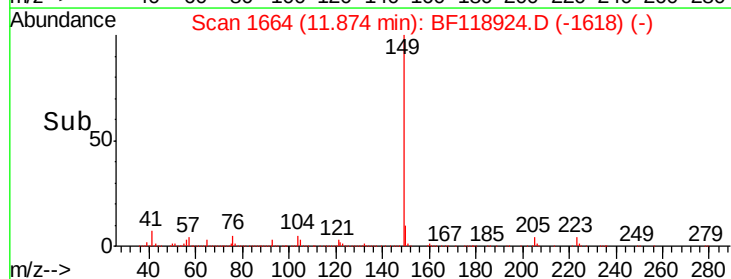
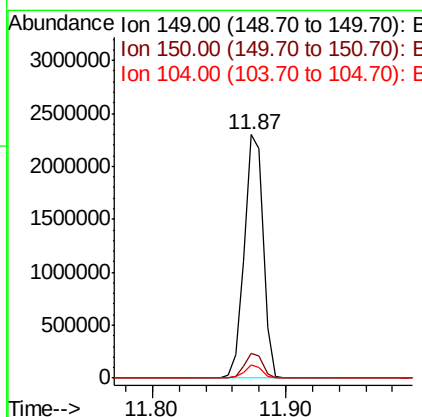
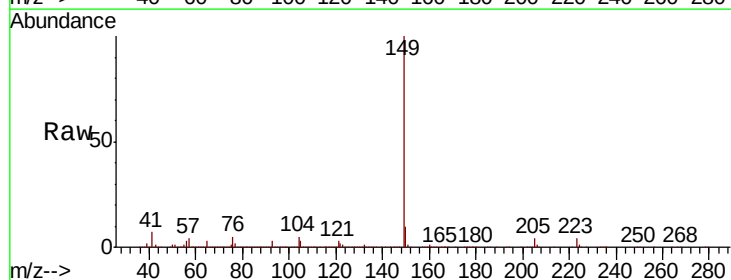
Instrument :
 BNA_F
 ClientSampleId :

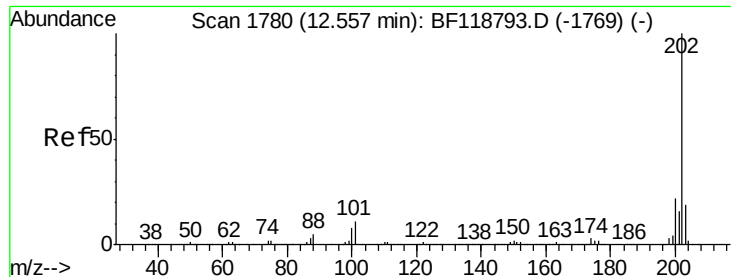
Tot Ion:167 Resp: 2003631
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.4 27.6
 139 13.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 50.408 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.03 min
 Lab File: BF118924.D
 Acq: 13 Feb 2020 17:28

Tgt Ion:149 Resp: 2234742
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.1 12.1
 104 5.4 4.3 6.5

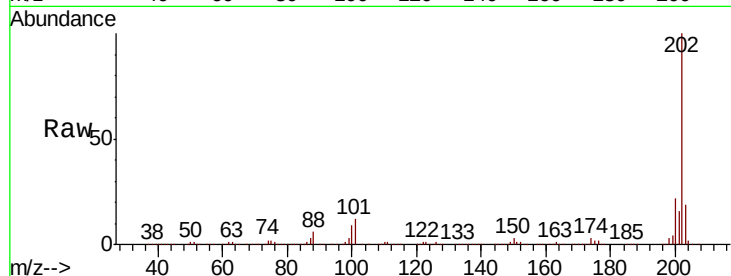




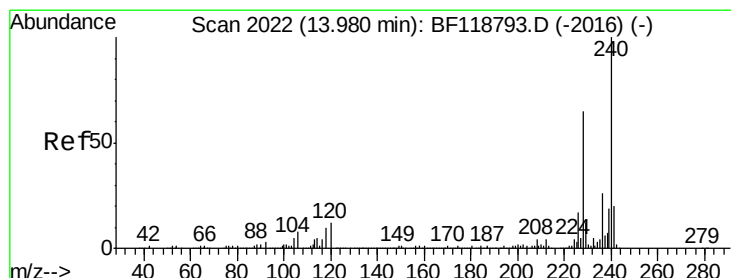
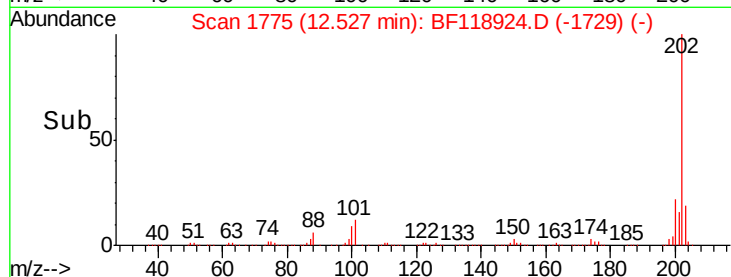
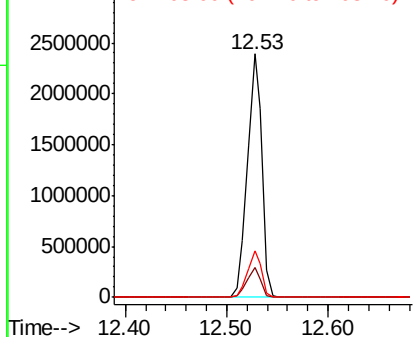
#75
Fluoranthene
Concen: 54.276 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.03 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2362206
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.0
203 19.0 0.0 38.7

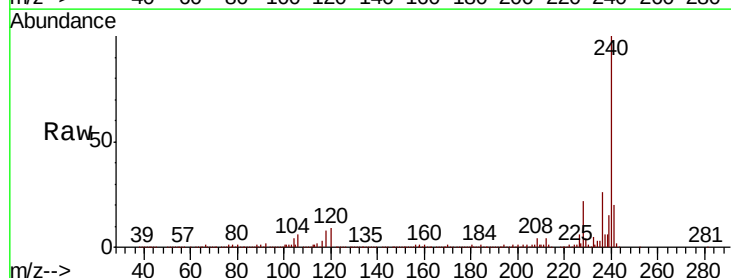


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

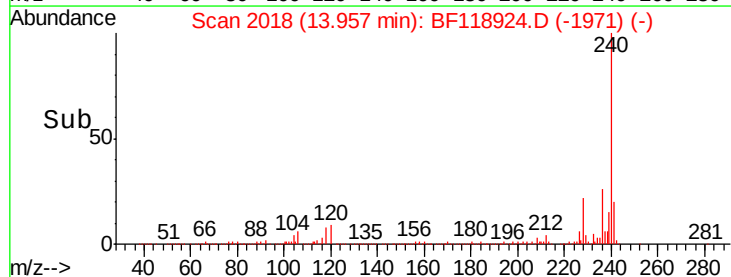
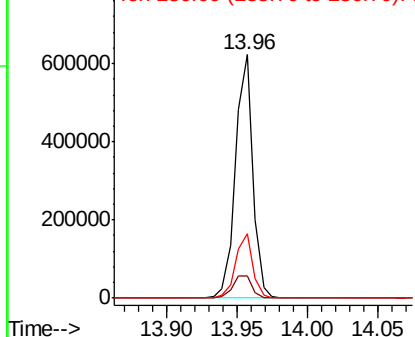


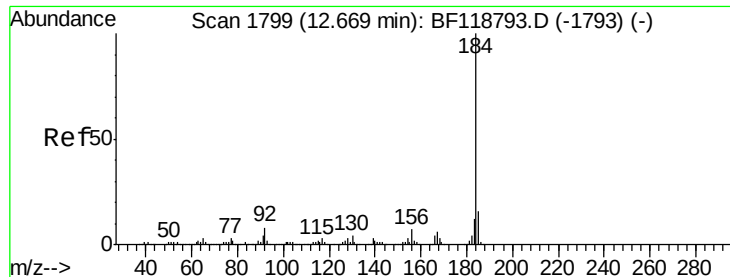
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:240 Resp: 530781
Ion Ratio Lower Upper
240 100
120 9.0 9.4 14.0#
236 26.2 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.884 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

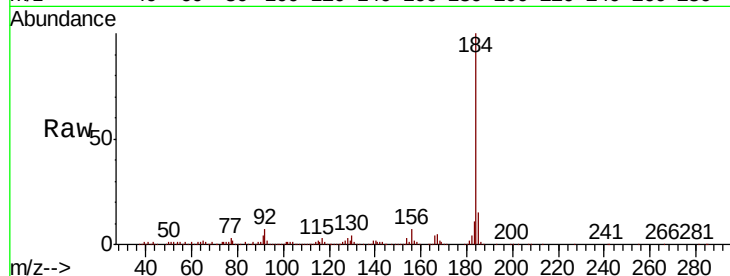
Tot Ion:184 Resp: 704504

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

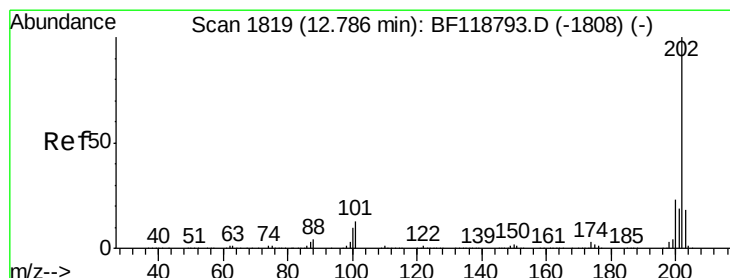
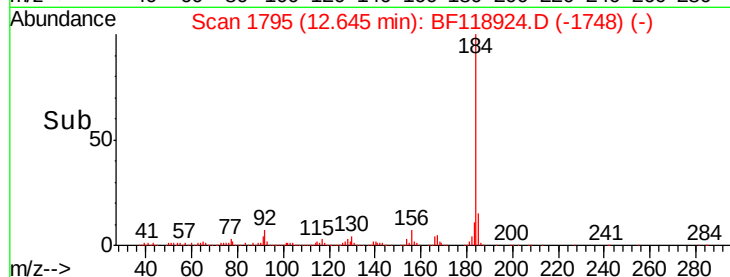
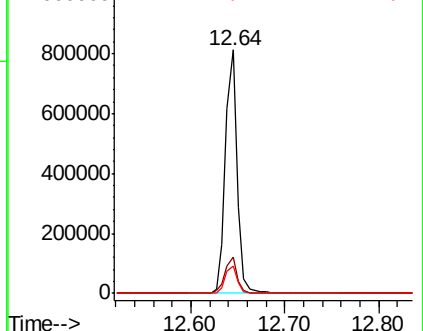
183 11.4 9.7 14.5



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: 65.443 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

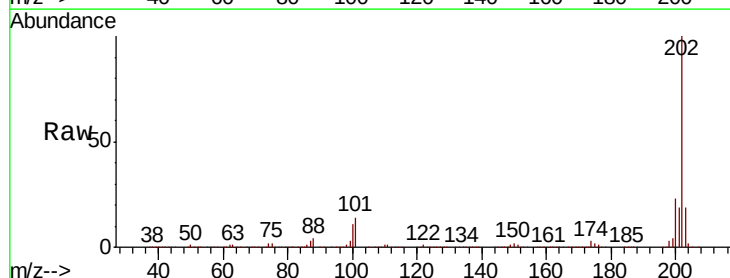
Tgt Ion:202 Resp: 2382984

Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.2

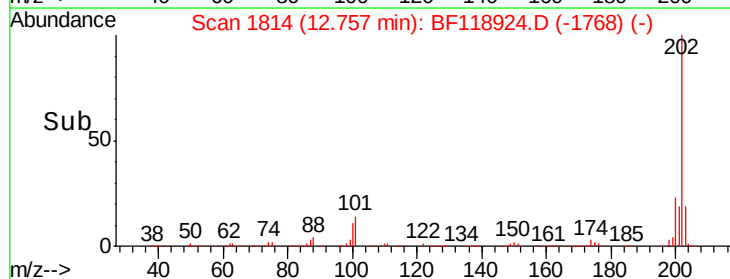
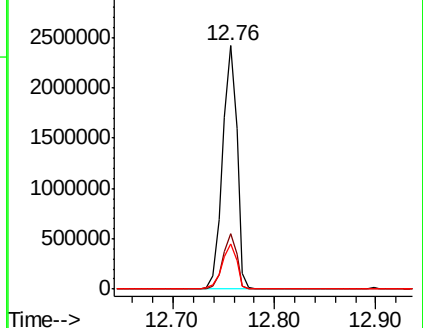
203 18.6 14.8 22.2

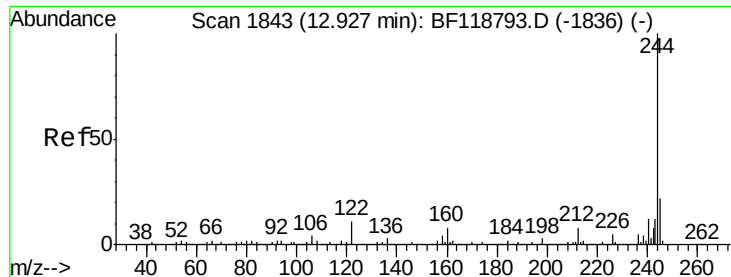


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 122.059 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

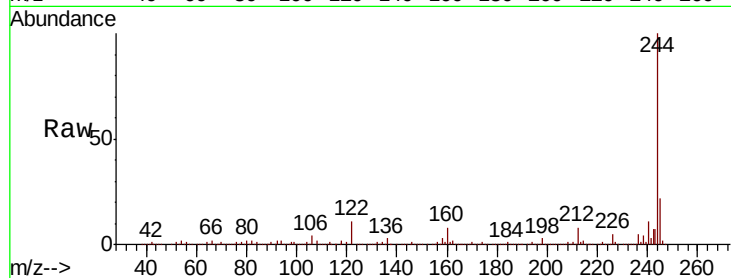
Tot Ion:244 Resp: 3154092

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

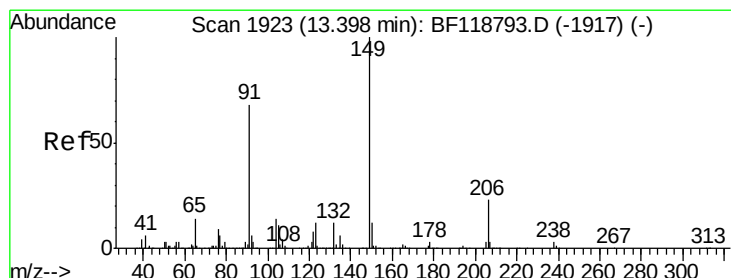
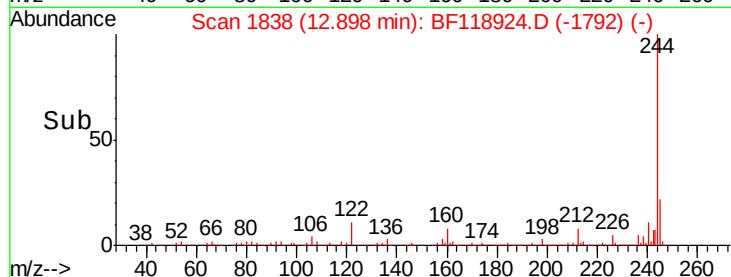
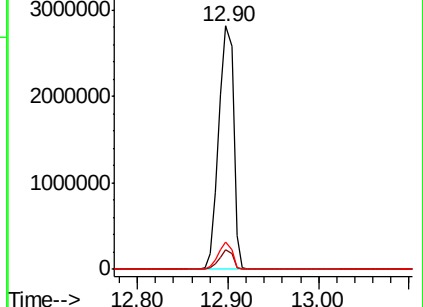
122 11.0 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.972 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

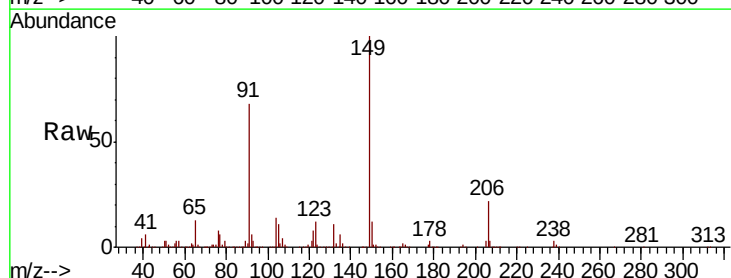
Tgt Ion:149 Resp: 730817

Ion Ratio Lower Upper

149 100

91 67.7 54.7 82.1

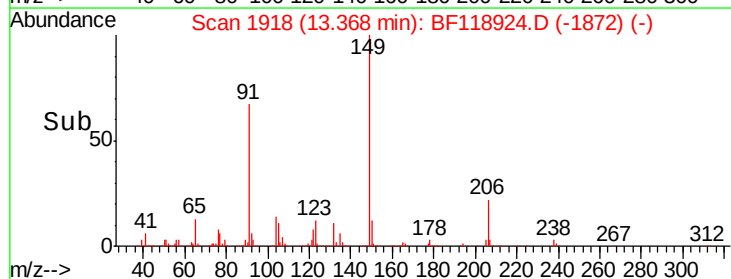
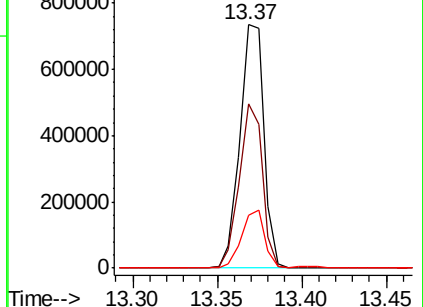
206 22.0 18.5 27.7

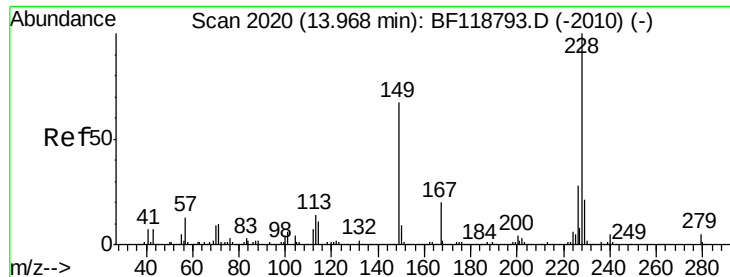


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.643 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA_F

ClientSampleId :

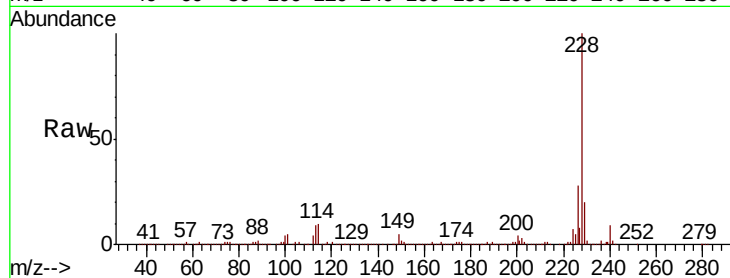
Tot Ion:228 Resp: 1567941

Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

229 20.2 16.6 25.0

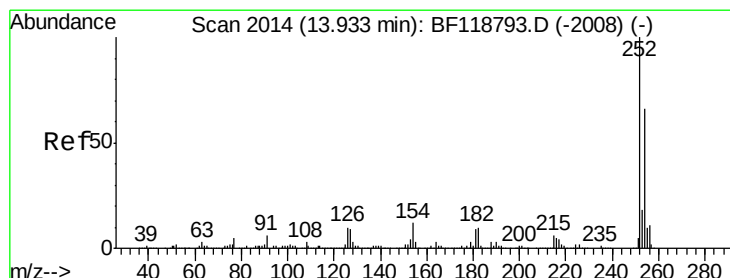
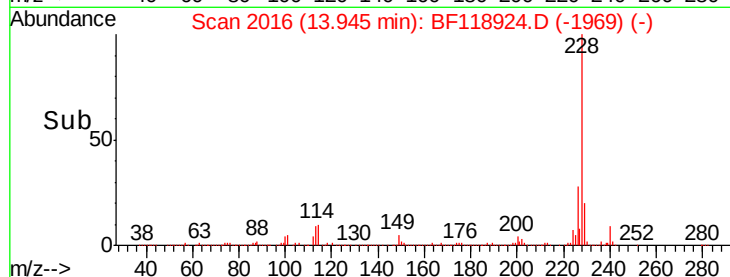
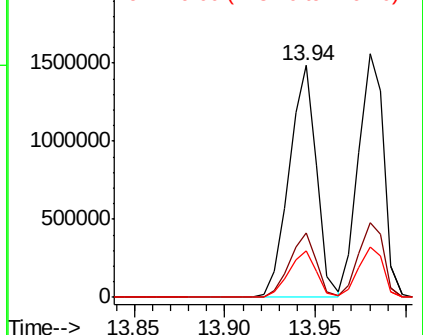


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.404 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.04 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

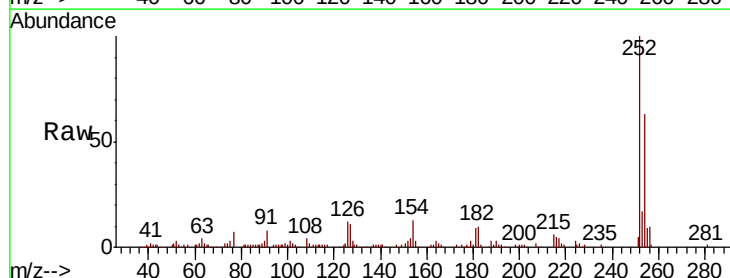
Tgt Ion:252 Resp: 108568

Ion Ratio Lower Upper

252 100

254 63.2 52.4 78.6

126 11.7 7.8 11.8

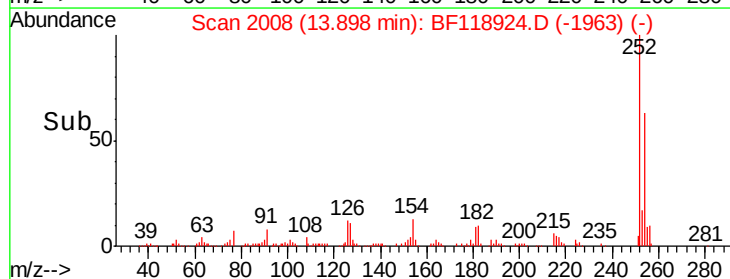
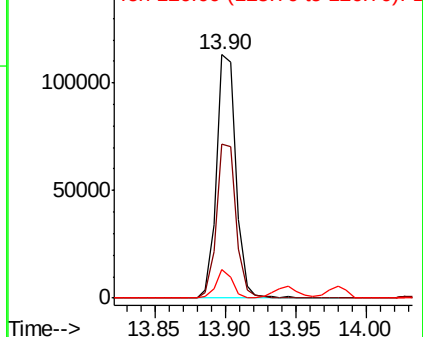


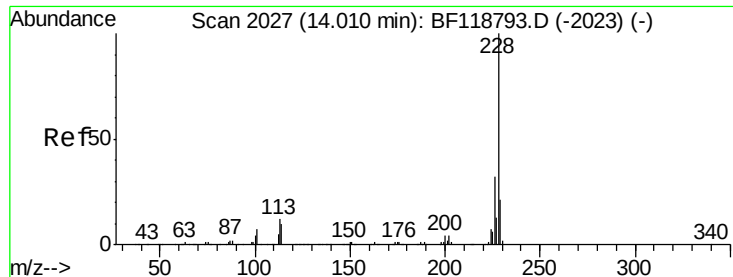
Abundance

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

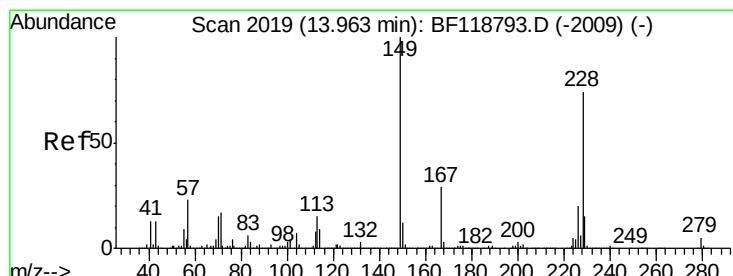
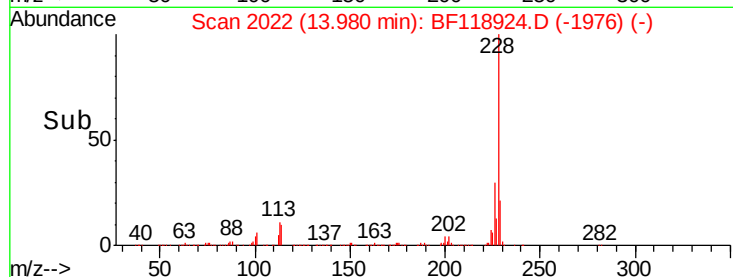
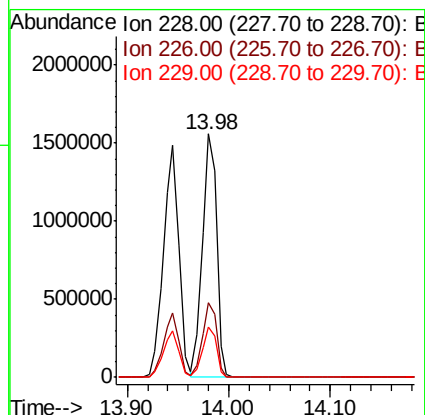
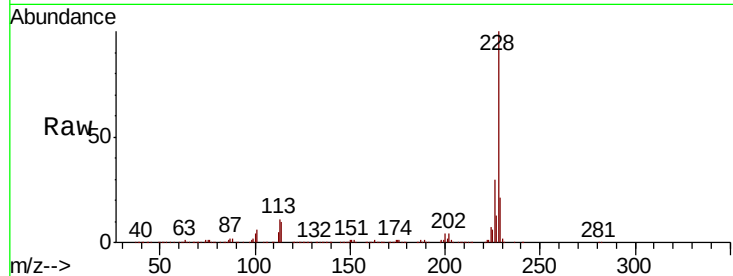




#83
Chrysene
Concen: 47.989 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

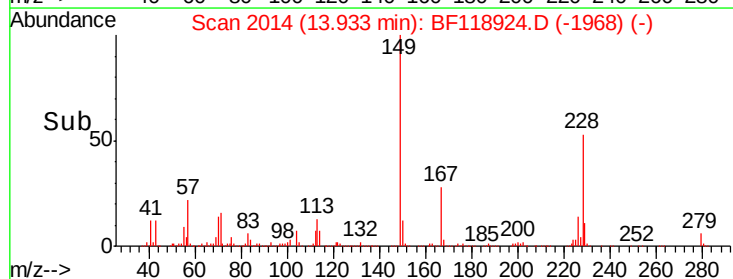
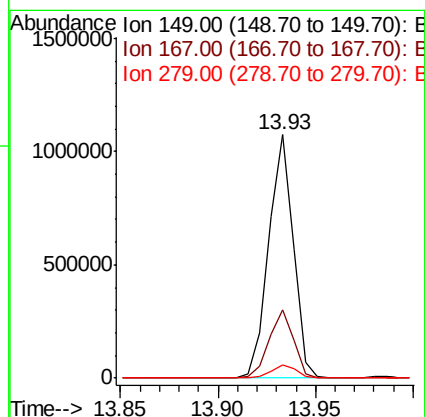
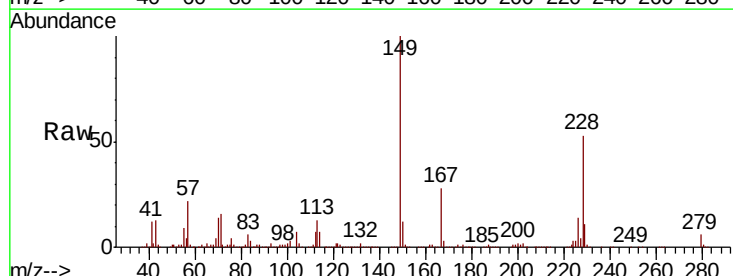
Instrument :
BNA_F
ClientSampleId :

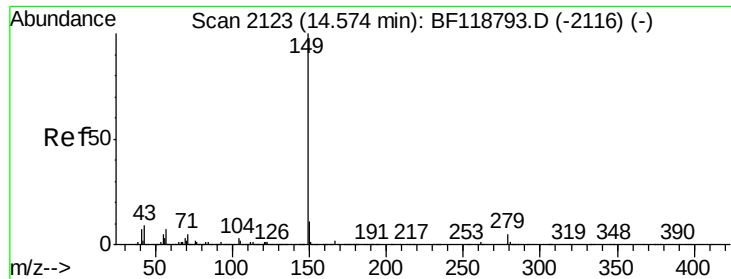
Tot Ion:228 Resp: 1521251
Ion Ratio Lower Upper
228 100
226 30.4 25.4 38.0
229 20.5 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.455 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:149 Resp: 937371
Ion Ratio Lower Upper
149 100
167 28.1 23.0 34.6
279 5.6 4.4 6.6

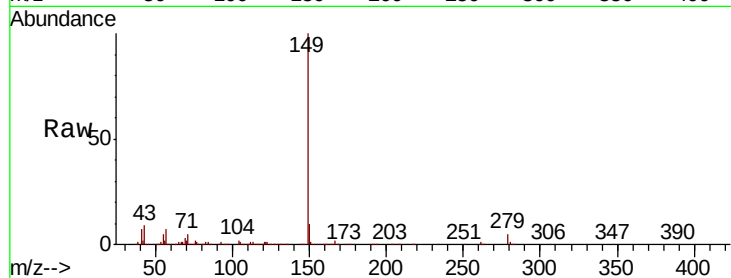




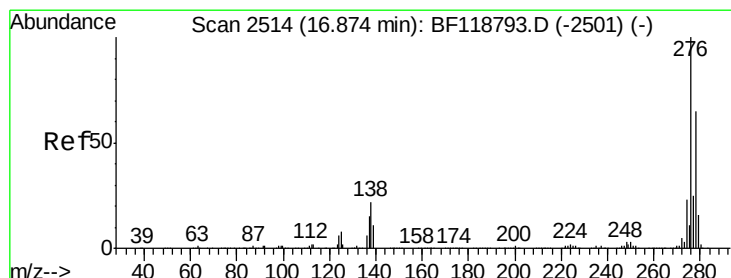
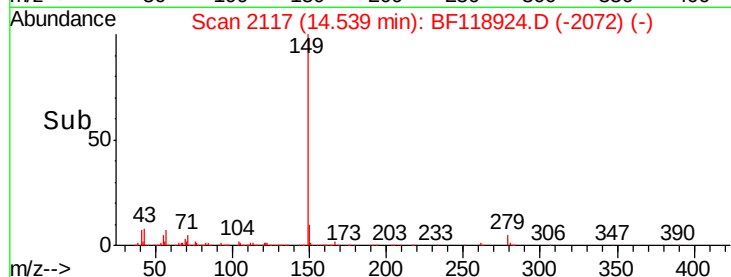
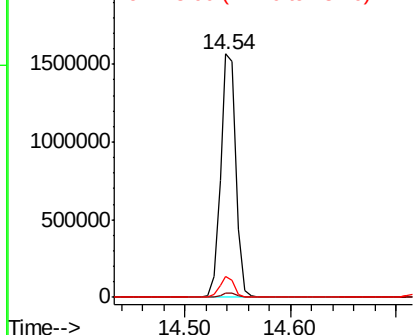
#85
Di-n-octyl phthalate
Concen: 43.898 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.04 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1585721
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.9 6.6 10.0

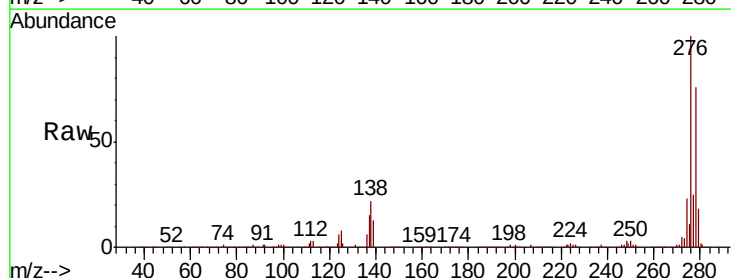


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

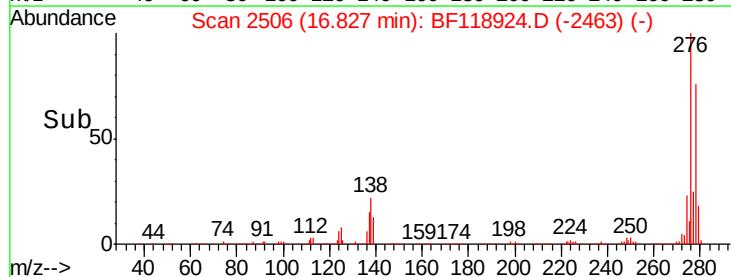
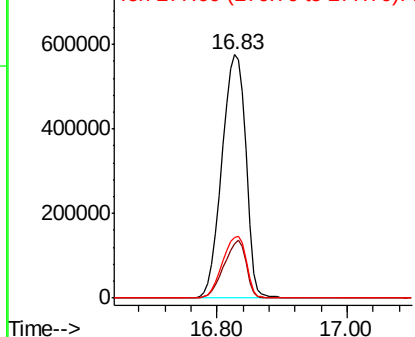


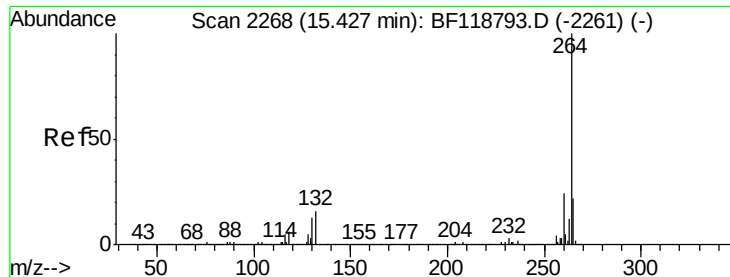
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.243 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.05 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:276 Resp: 1472823
Ion Ratio Lower Upper
276 100
138 22.3 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

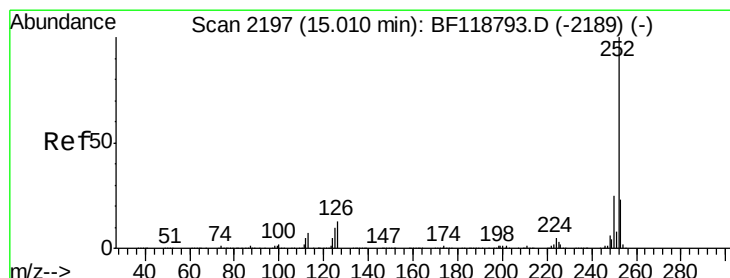
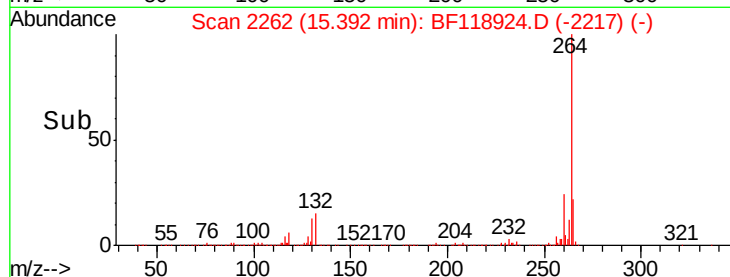
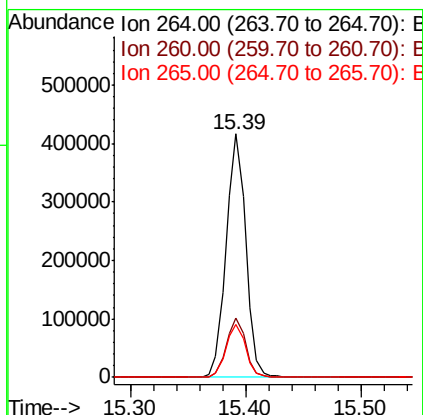
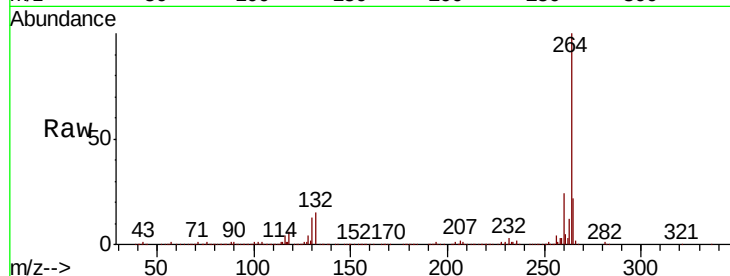




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.04 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

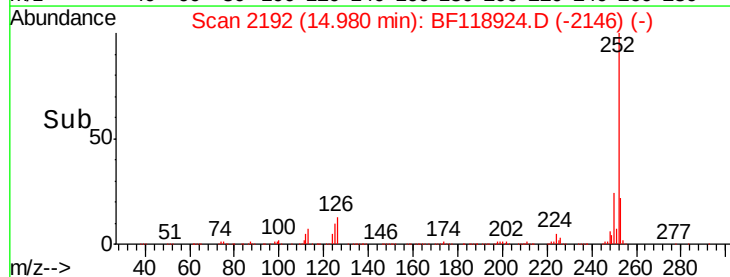
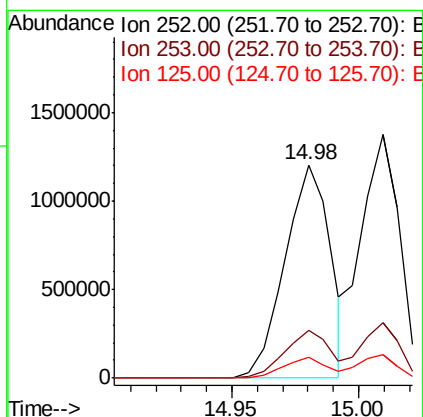
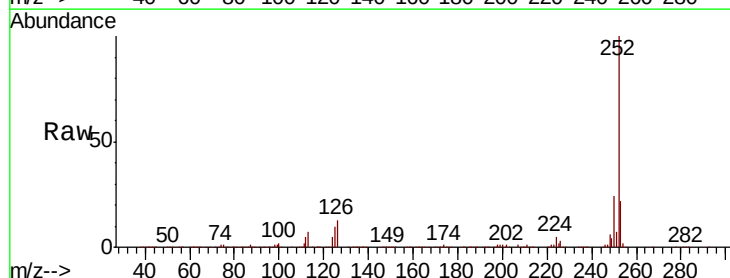
Instrument :
BNA_F
ClientSampleId :

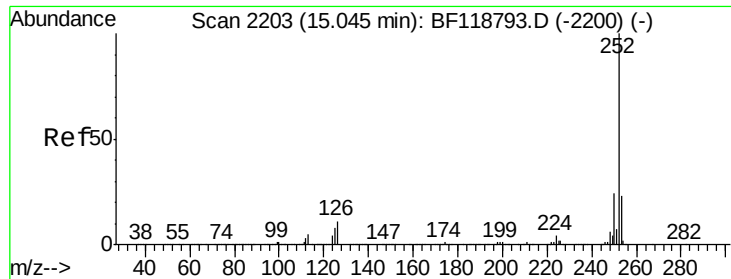
Tot Ion:264 Resp: 492050
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 21.5 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 49.030 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:252 Resp: 1497009
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 9.7 8.1 12.1

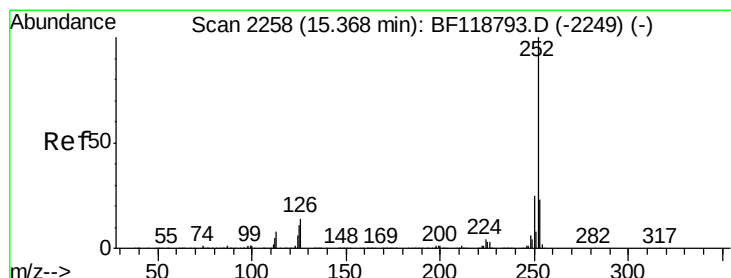
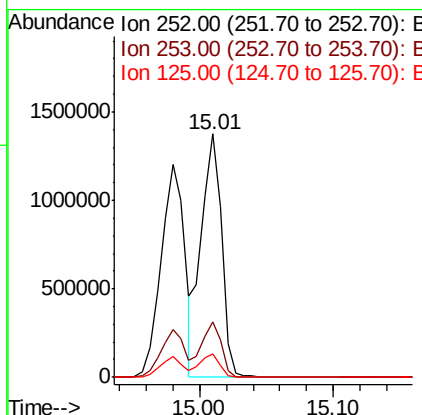
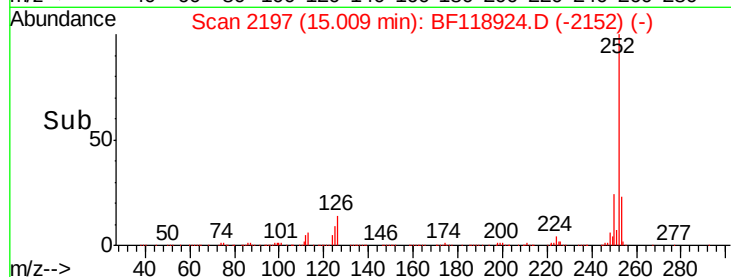
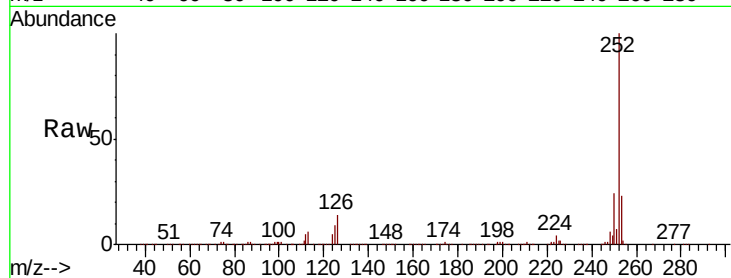




#89
Benzo(k)fluoranthene
Concen: 54.922 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

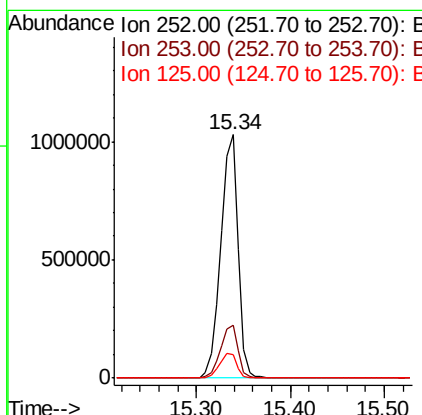
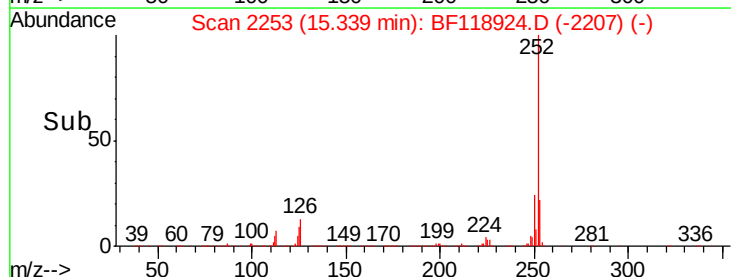
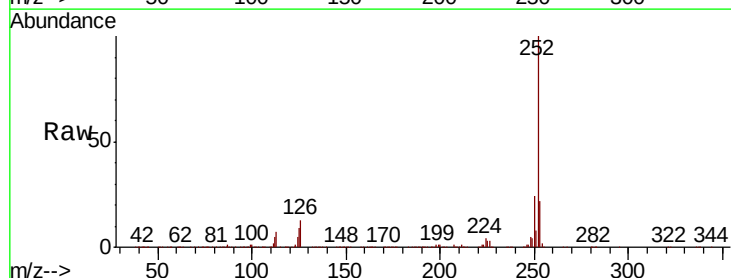
Instrument :
BNA_F
ClientSampleId :

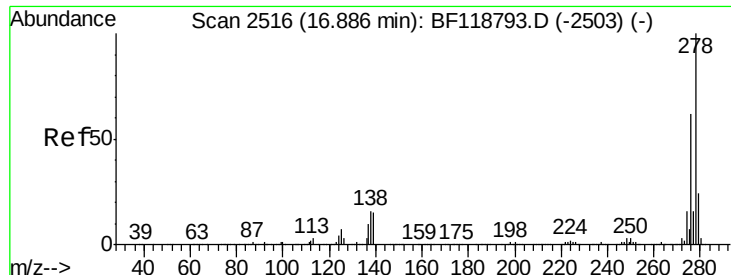
Tot Ion:252 Resp: 1460259
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 9.5 7.0 10.6



#90
Benzo(a)pyrene
Concen: 50.652 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.03 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:252 Resp: 1323544
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 9.5 8.7 13.1

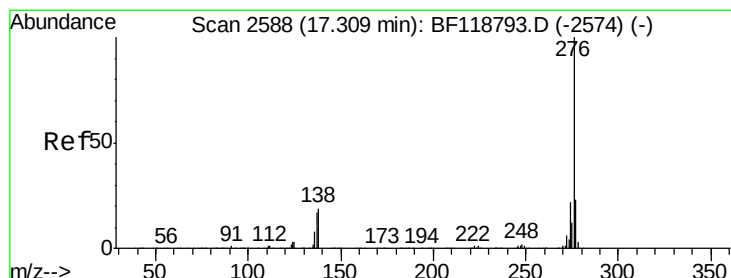
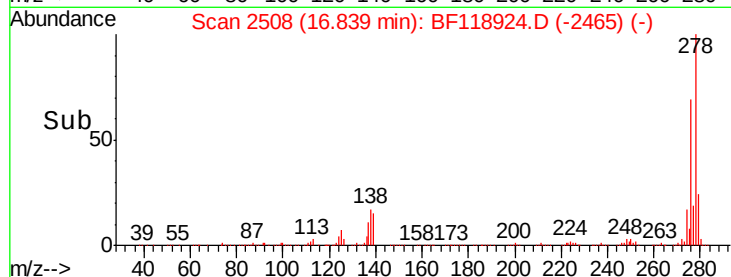
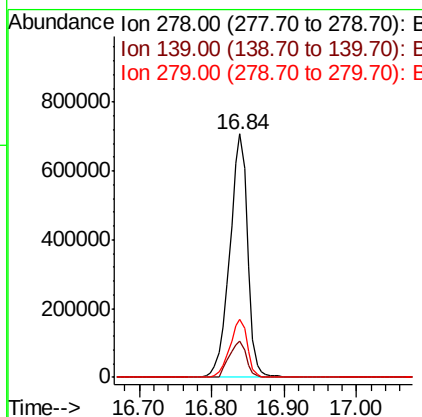
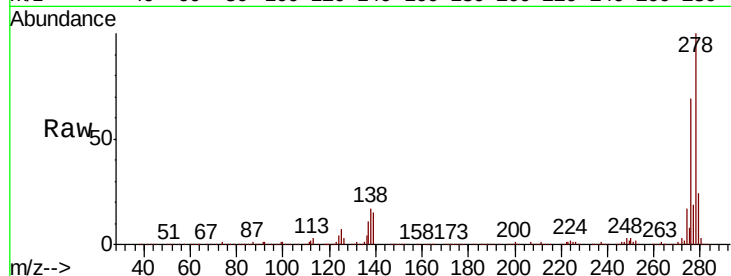




#91
Dibenzo(a,h)anthracene
Concen: 52.268 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.05 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1212448
Ion Ratio Lower Upper
278 100
139 14.7 12.3 18.5
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 56.041 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.05 min
Lab File: BF118924.D
Acq: 13 Feb 2020 17:28

Tgt Ion:276 Resp: 1250177
Ion Ratio Lower Upper
276 100
277 23.1 18.7 28.1
138 18.7 15.4 23.2

