

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118394.D
 Acq On : 30 Dec 2019 21:24
 Operator : JU
 Sample : K6456-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:41:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142180	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	560312	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	285880	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	469483	20.00	ng	0.00
76) Chrysene-d12	14.06	240	286975	20.00	ng	0.00
87) Perylene-d12	15.55	264	274845	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	857366	102.93	ng	0.02
7) Phenol-d6	6.50	99	1100697	106.53	ng	0.01
23) Nitrobenzene-d5	7.42	82	660442	67.42	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	333391	94.43	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1374509	73.39	ng	0.00
79) Terphenyl-d14	12.99	244	1260091	72.85	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	121750	36.770	ng	98
3) Pyridine	3.42	79	289198	32.782	ng	99
4) n-Nitrosodimethylamine	3.37	42	146578	40.187	ng	98
6) Aniline	6.52	93	295644	22.533	ng	93
8) 2-Chlorophenol	6.65	128	408084	43.259	ng	98
9) Benzaldehyde	6.40	77	219256	36.193	ng	99
10) Phenol	6.51	94	484932	41.756	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	352661	42.460	ng	97
12) 1,3-Dichlorobenzene	6.79	146	442793	40.756	ng	99
13) 1,4-Dichlorobenzene	6.87	146	451118	40.880	ng	98
14) 1,2-Dichlorobenzene	7.03	146	422120	40.516	ng	97
15) Benzyl Alcohol	7.00	79	325639	41.392	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	366280	41.328	ng	64
17) 2-Methylphenol	7.12	107	319769	42.263	ng	97
18) Hexachloroethane	7.36	117	151012	37.286	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	261664	41.108	ng	98
20) 3+4-Methylphenols	7.27	107	417574	43.121	ng	# 81
22) Acetophenone	7.27	105	552238	40.214	ng	98
24) Nitrobenzene	7.45	77	400272	40.788	ng	96
25) Isophorone	7.68	82	715152	41.887	ng	99
26) 2-Nitrophenol	7.76	139	218914	42.116	ng	95
27) 2,4-Dimethylphenol	7.80	122	343148	48.386	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	459165	41.122	ng	99
29) 2,4-Dichlorophenol	8.01	162	344818	42.243	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	376995	39.647	ng	99
31) Naphthalene	8.16	128	1175842	41.288	ng	99
32) Benzoic acid	7.95	122	195862	34.514	ng	95
33) 4-Chloroaniline	8.22	127	114584	9.385	ng	98
34) Hexachlorobutadiene	8.27	225	223364	39.462	ng	98
35) Caprolactam	8.60	113	89453	35.101	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	359585	41.030	ng	97
37) 2-Methylnaphthalene	8.86	142	816603	41.881	ng	99
38) 1-Methylnaphthalene	8.96	142	758684	41.300	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	354636	41.287	ng	100

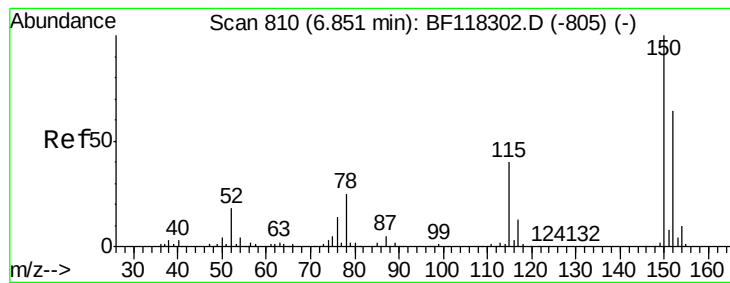
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118394.D
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Quant Time: Dec 31 00:41:34 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	63180	24.534	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	242095	42.189	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	258392	43.772	ng	99
46) 1,1'-Biphenyl	9.32	154	957846	42.361	ng	99
47) 2-Chloronaphthalene	9.35	162	742992	40.827	ng	99
48) 2-Nitroaniline	9.45	65	203316	39.554	ng	99
49) Acenaphthylene	9.77	152	1137065	42.129	ng	100
50) Dimethylphthalate	9.62	163	1004848	46.826	ng	99
51) 2,6-Dinitrotoluene	9.69	165	194670	42.078	ng	100
52) Acenaphthene	9.94	154	668531	40.665	ng	99
53) 3-Nitroaniline	9.86	138	104717	19.285	ng	92
54) 2,4-Dinitrophenol	9.99	184	37811	20.343	ng	95
55) Dibenzofuran	10.11	168	1011462	41.638	ng	97
56) 4-Nitrophenol	10.05	139	254378	75.884	ng	94
57) 2,4-Dinitrotoluene	10.10	165	244851	39.608	ng	# 86
58) Fluorene	10.46	166	783845	39.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	192441	38.368	ng	98
60) Diethylphthalate	10.33	149	910254	42.876	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	403233	41.192	ng	99
62) 4-Nitroaniline	10.49	138	167211	29.642	ng	93
63) Azobenzene	10.61	77	740588	40.727	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	35933	14.188	ng	98
66) n-Nitrosodiphenylamine	10.57	169	711754	47.303	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	245340	44.653	ng	95
68) Hexachlorobenzene	11.01	284	267249	41.323	ng	98
69) Atrazine	11.10	200	237280	51.095	ng	97
70) Pentachlorophenol	11.21	266	210901	75.299	ng	97
71) Phenanthrene	11.43	178	1041257	40.684	ng	99
72) Anthracene	11.48	178	1071898	41.842	ng	99
73) Carbazole	11.63	167	898585	39.530	ng	99
74) Di-n-butylphthalate	11.96	149	1348908	46.800	ng	100
75) Fluoranthene	12.62	202	931027	36.045	ng	99
77) Benzidine	12.74	184	770081	97.934	ng	98
78) Pyrene	12.85	202	914534	39.025	ng	100
80) Butylbenzylphthalate	13.46	149	466016	44.165	ng	97
81) Benzo(a)anthracene	14.04	228	836381	41.637	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	330741	48.562	ng	100
83) Chrysene	14.09	228	786518	40.892	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	704516	50.777	ng	100
85) Di-n-octyl phthalate	14.63	149	1143916	56.049	ng	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	626164	38.207	ng	100
88) Benzo(b)fluoranthene	15.11	252	792804	43.455	ng	99
89) Benzo(k)fluoranthene	15.14	252	718511	41.016	ng	98
90) Benzo(a)pyrene	15.49	252	640797	39.871	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	535863	38.422	ng	97
92) Benzo(g,h,i)perylene	17.53	276	485092	36.006	ng	98

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

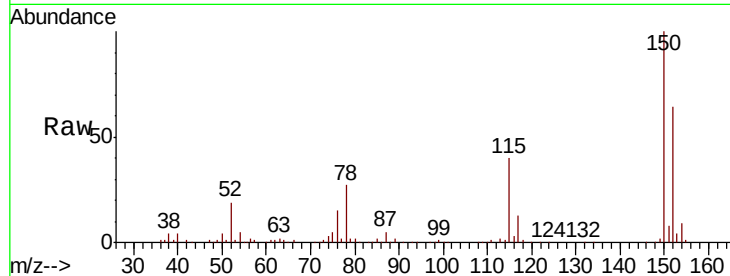


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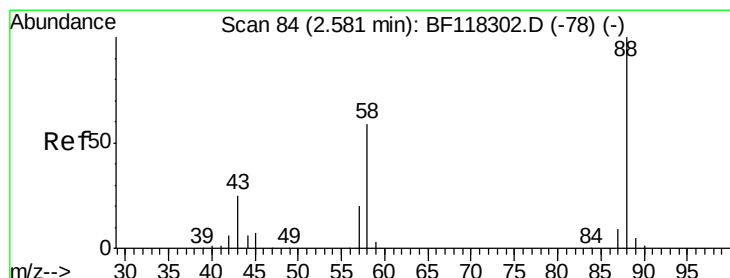
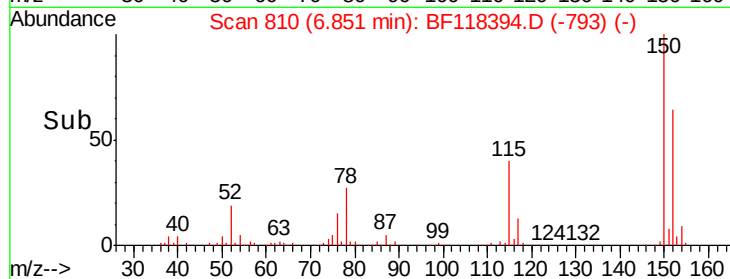
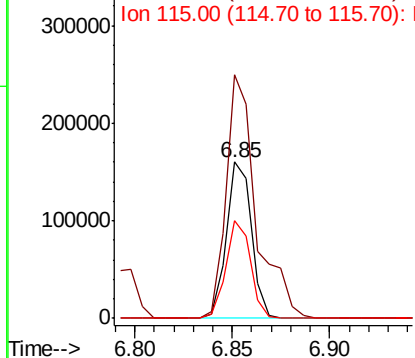
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142180
Ion Ratio Lower Upper
152 100
150 156.1 125.4 188.2
115 62.8 50.2 75.4



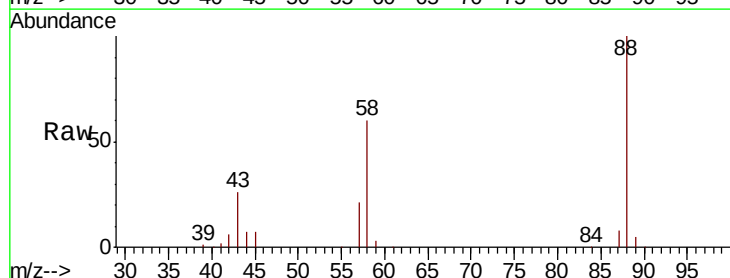
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



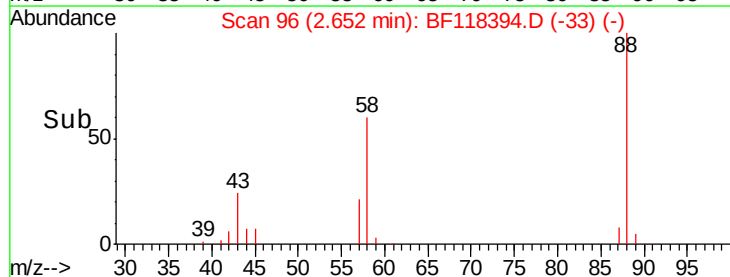
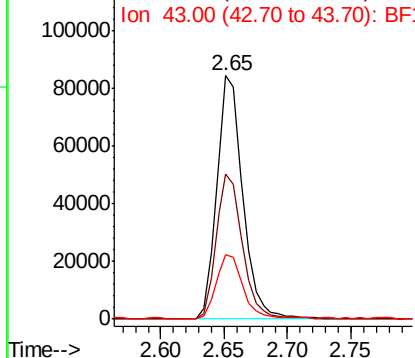
#2

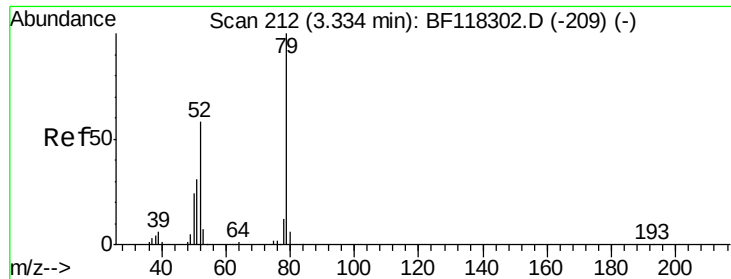
1,4-Dioxane
Concen: 36.770 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.07 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion: 88 Resp: 121750
Ion Ratio Lower Upper
88 100
58 59.9 47.6 71.4
43 28.0 20.6 30.8



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: 32.782 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.08 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

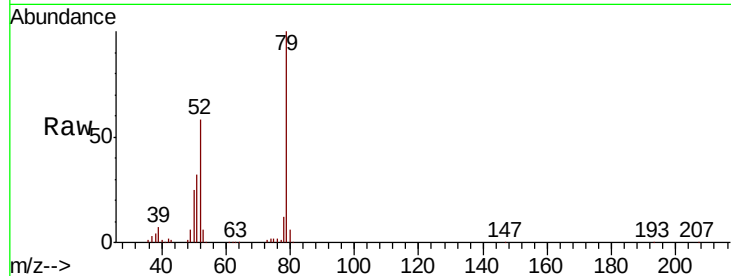
Tot Ion: 79 Resp: 289198

Ion Ratio Lower Upper

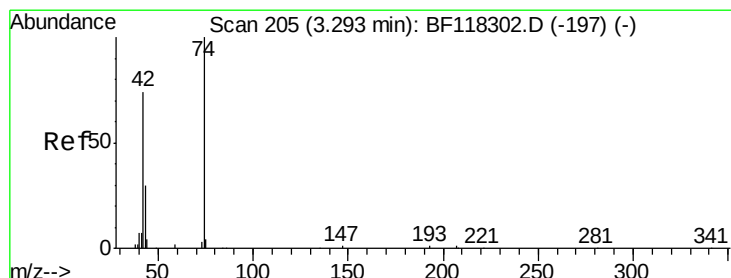
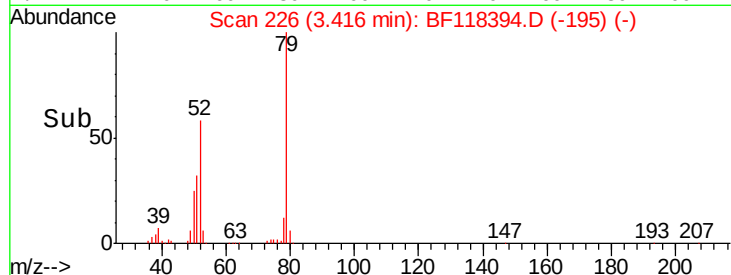
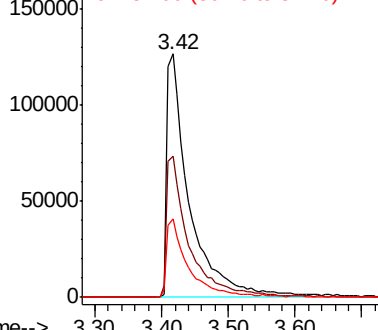
79 100

52 58.2 46.4 69.6

51 32.0 24.9 37.3



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



#4

n-Nitrosodimethylamine

Concen: 40.187 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

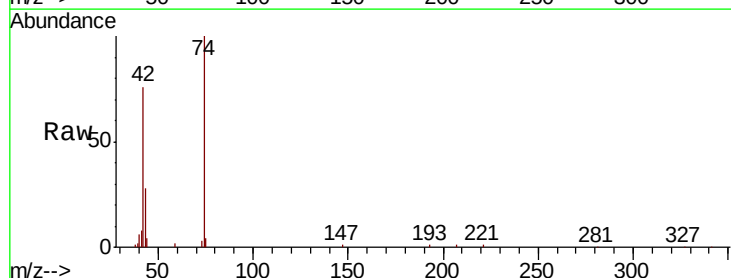
Tgt Ion: 42 Resp: 146578

Ion Ratio Lower Upper

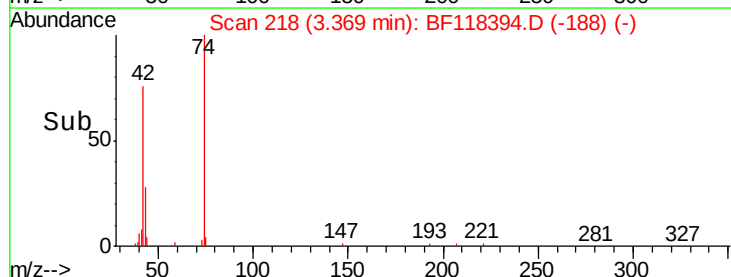
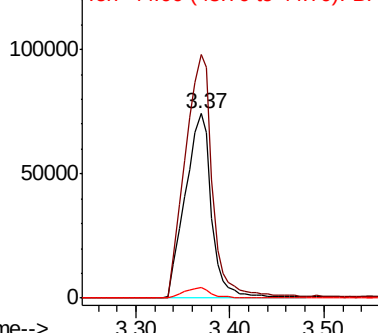
42 100

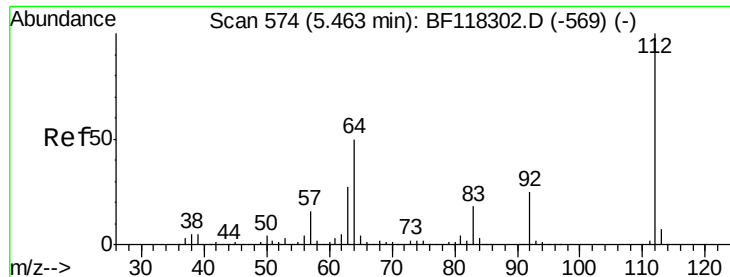
74 132.0 107.7 161.5

44 5.5 4.8 7.2



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





#5

2-Fluorophenol

Concen: 102.934 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampled :

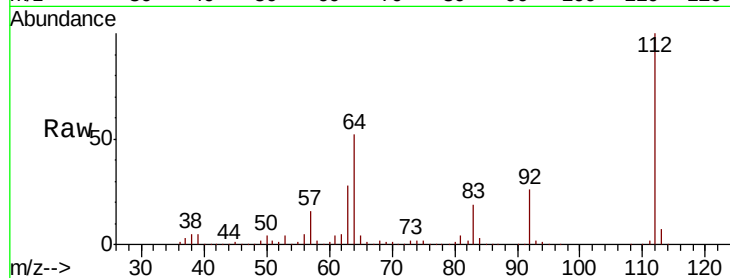
Tot Ion: 112 Resp: 857366

Ion Ratio Lower Upper

112 100

64 51.9 39.7 59.5

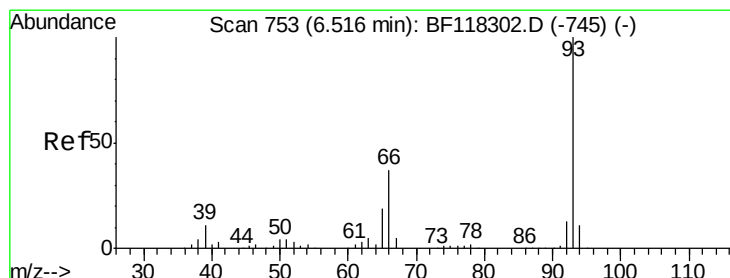
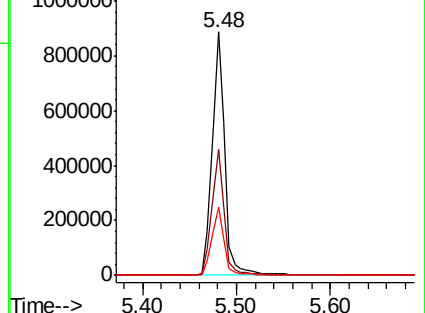
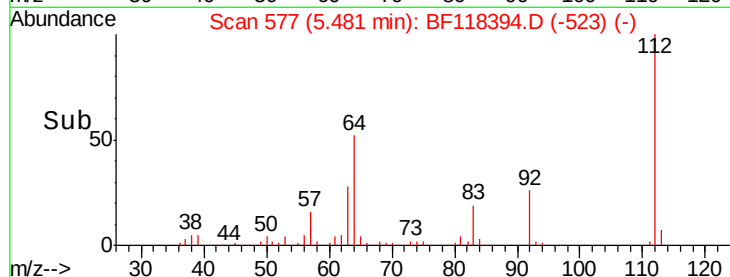
63 28.3 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.533 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

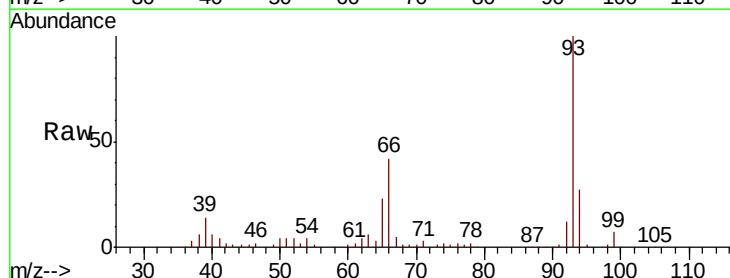
Tgt Ion: 93 Resp: 295644

Ion Ratio Lower Upper

93 100

66 41.8 30.2 45.4

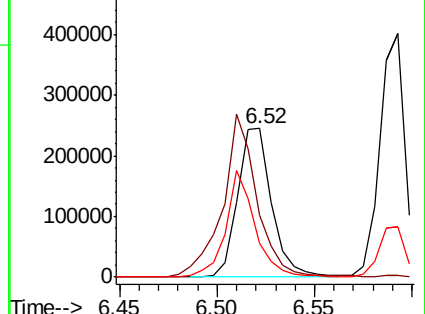
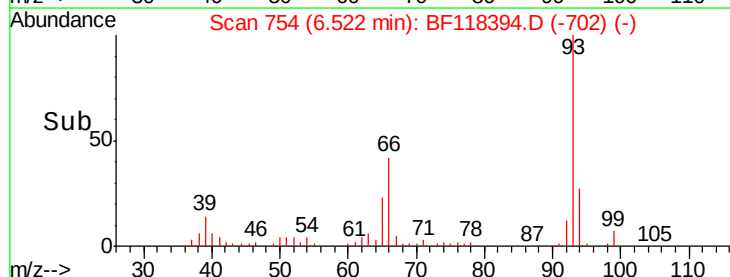
65 22.9 15.7 23.5

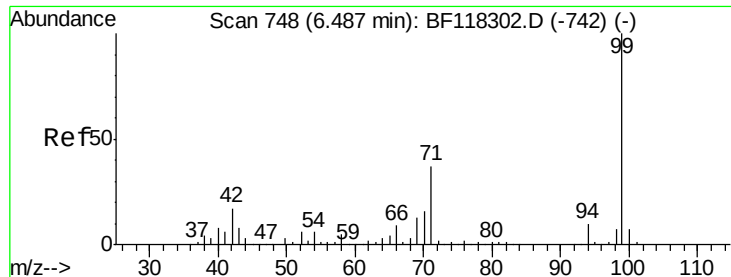


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.526 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

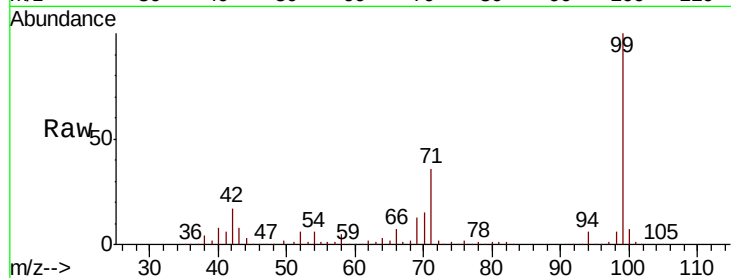
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1100697

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	36.2	29.4	44.2

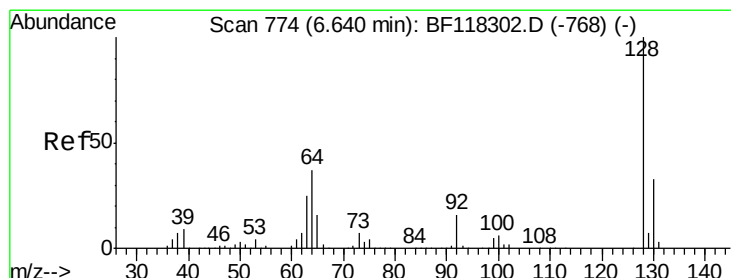
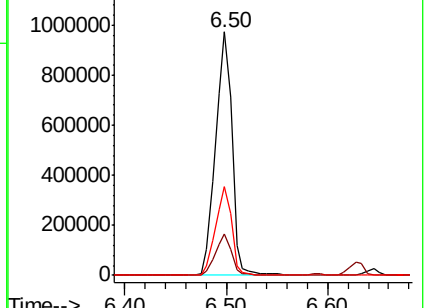
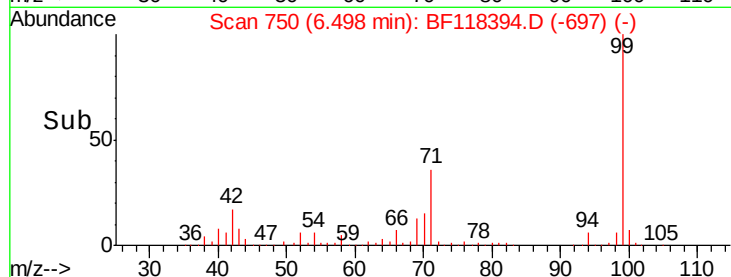


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.259 ng

RT: 6.65 min Scan# 775

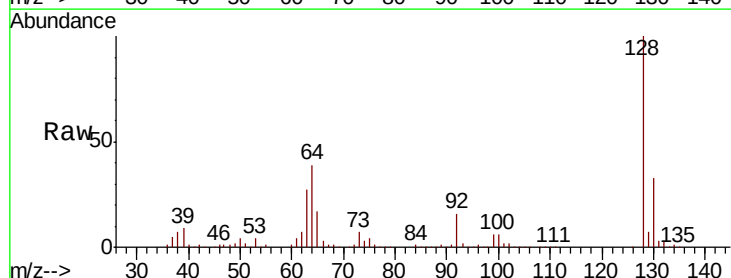
Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Tgt Ion: 128 Resp: 408084

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.2	53.2
64	39.2	17.7	57.7

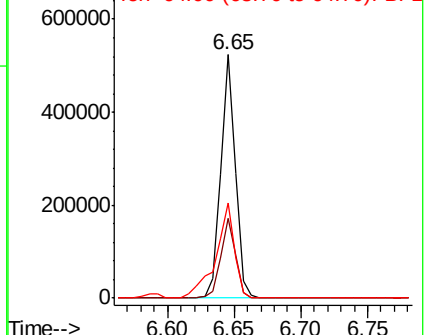
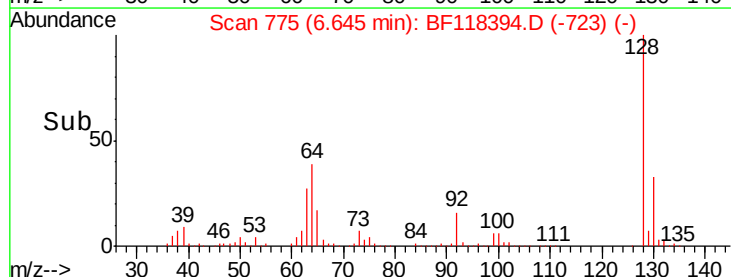


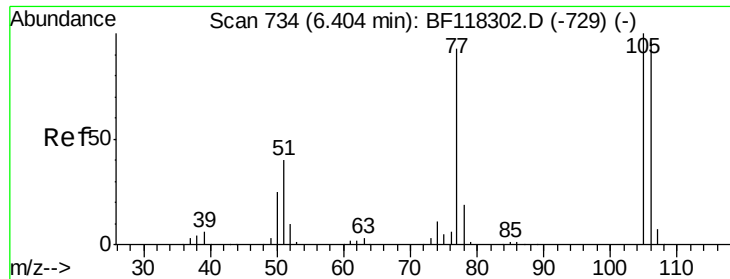
Abundance

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

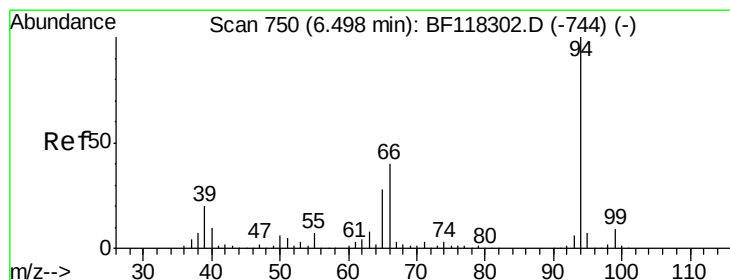
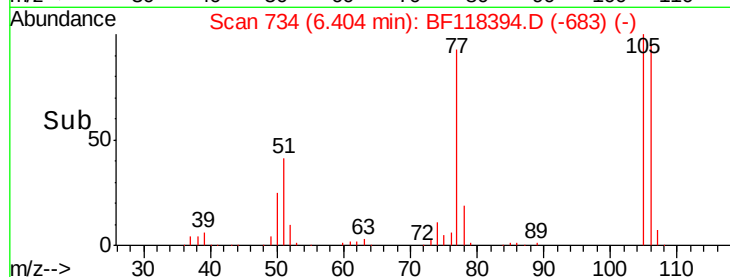
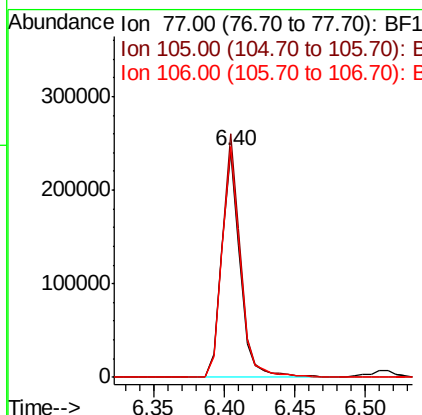
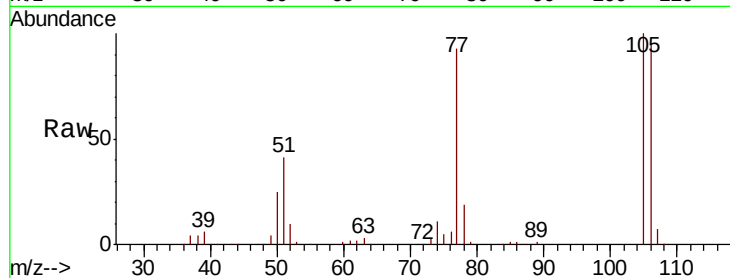




#9
Benzaldehyde
Concen: 36.193 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

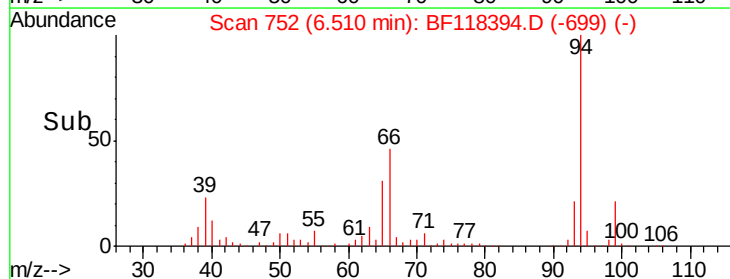
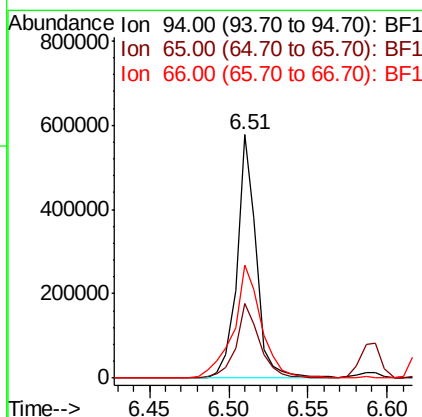
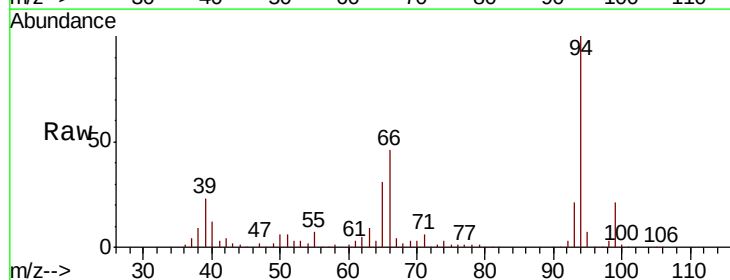
Instrument :
BNA_F
ClientSampleId :

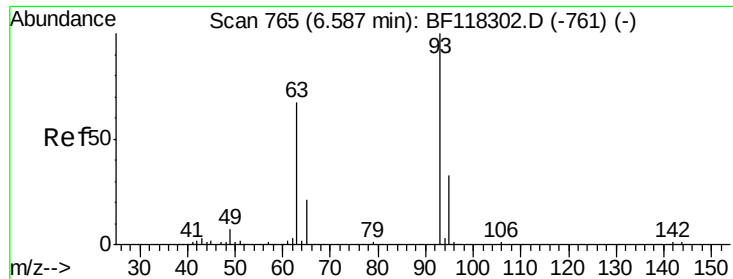
Tot Ion: 77 Resp: 219256
Ion Ratio Lower Upper
77 100
105 107.6 87.5 127.5
106 101.8 83.6 123.6



#10
Phenol
Concen: 41.756 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion: 94 Resp: 484932
Ion Ratio Lower Upper
94 100
65 30.6 7.8 47.8
66 46.5 20.4 60.4

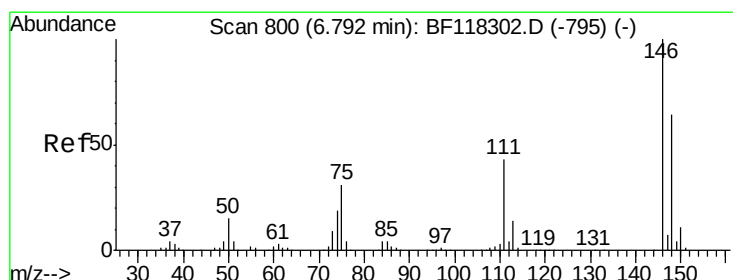
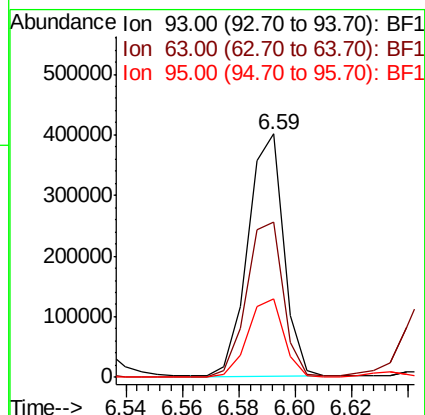
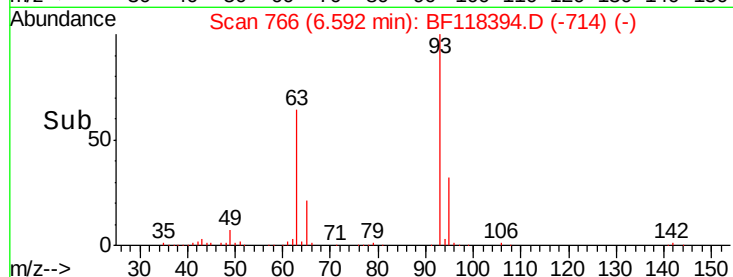
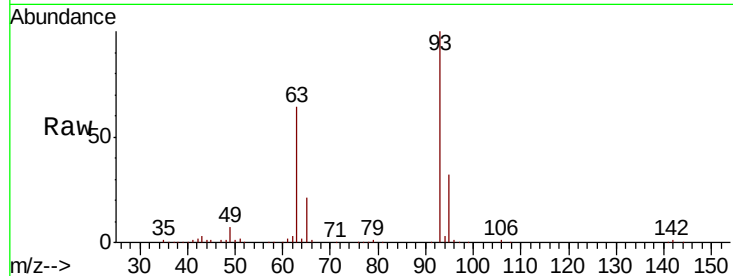




#11
 bis(2-Chloroethyl)ether
 Concen: 42.460 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

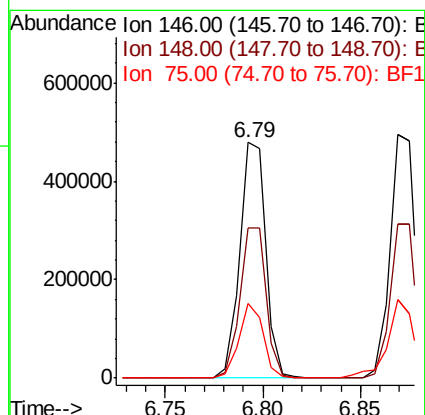
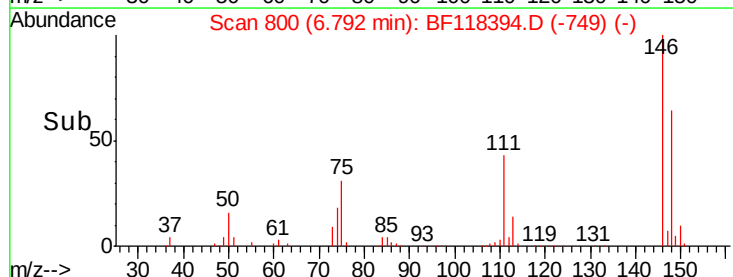
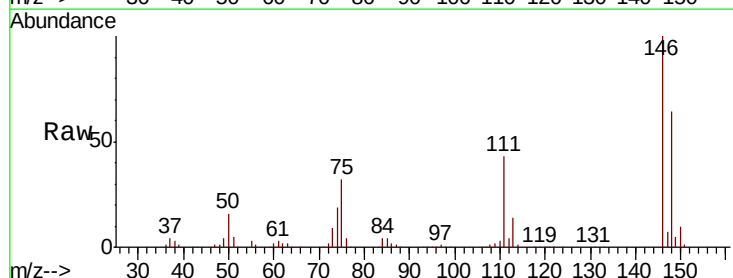
Instrument :
 BNA_F
 ClientSampleId :

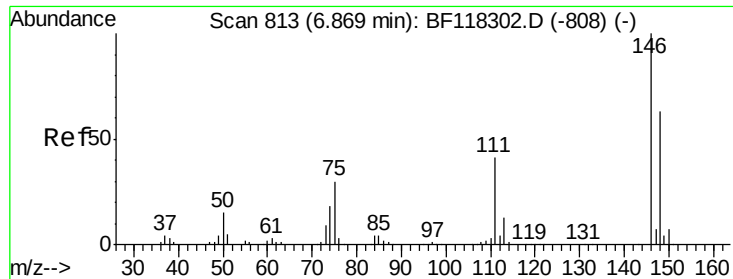
Tot Ion: 93 Resp: 352661
 Ion Ratio Lower Upper
 93 100
 63 63.6 47.0 87.0
 95 32.5 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 40.756 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Tgt Ion: 146 Resp: 442793
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.0
 75 31.6 24.4 36.6

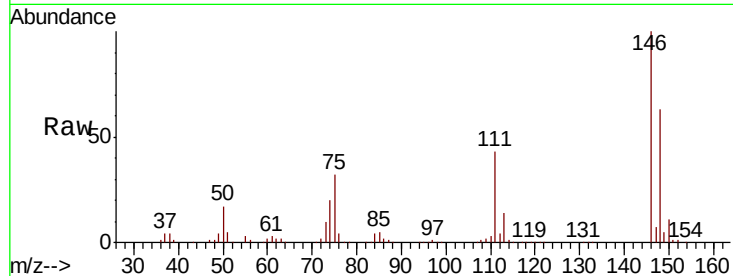




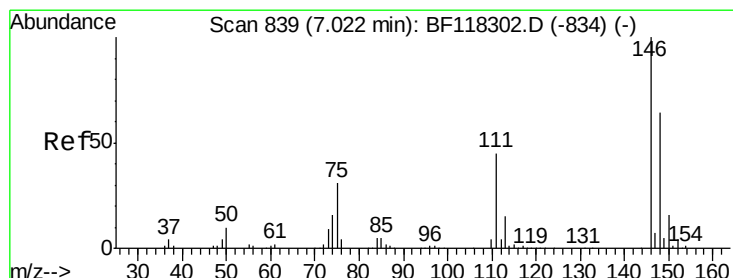
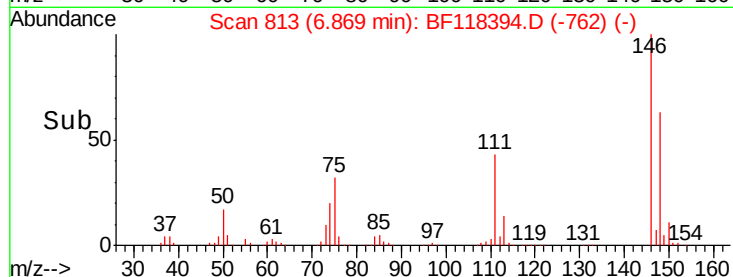
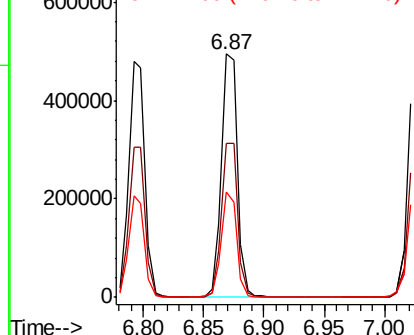
#13
1,4-Dichlorobenzene
Concen: 40.880 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 451118
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
111 43.2 32.8 49.2

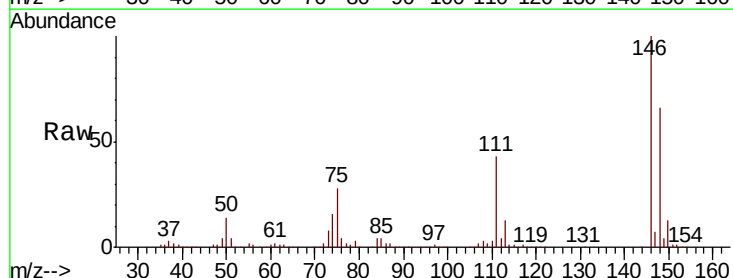


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

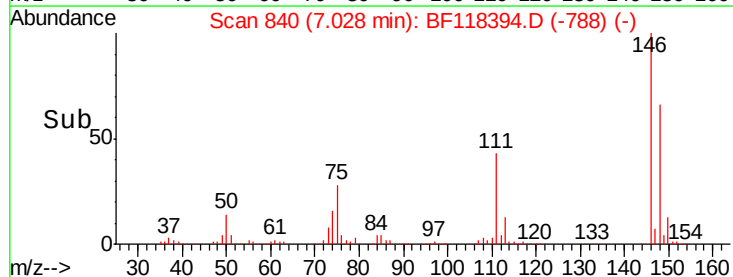
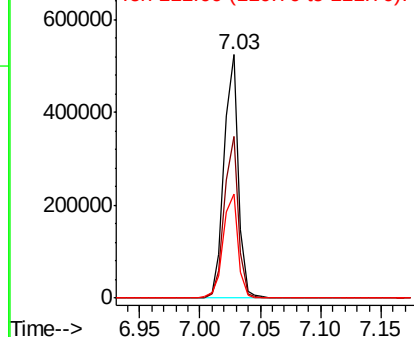


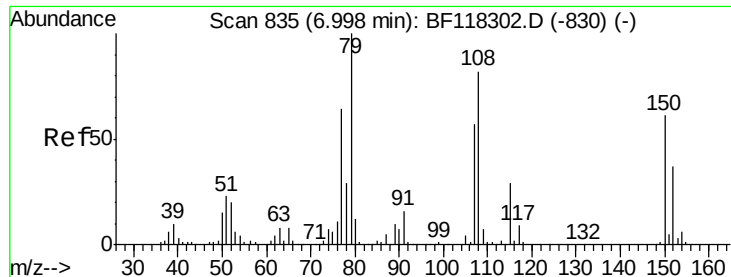
#14
1,2-Dichlorobenzene
Concen: 40.516 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:146 Resp: 422120
Ion Ratio Lower Upper
146 100
148 66.4 51.3 76.9
111 42.5 35.7 53.5



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

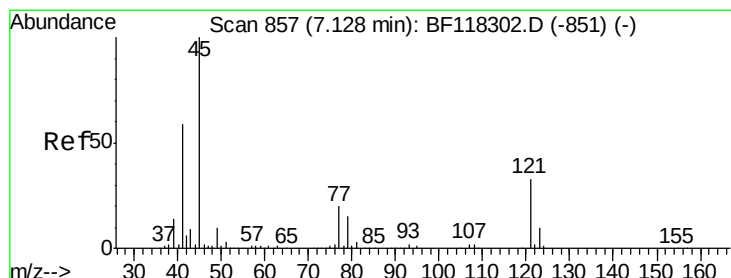
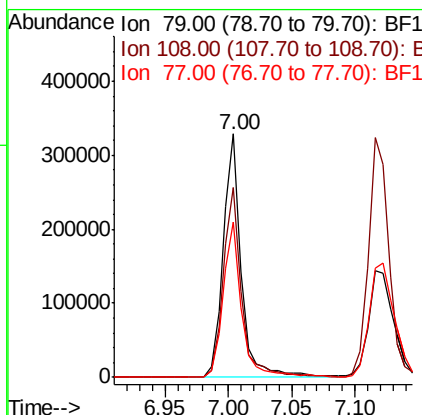
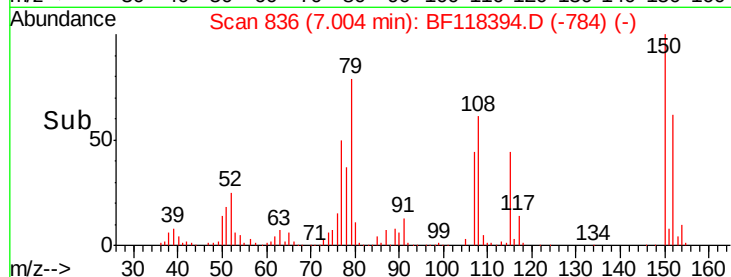
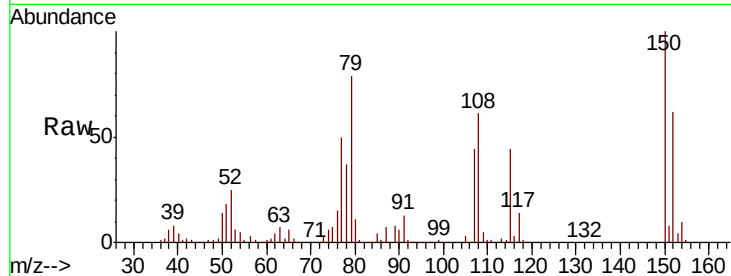




#15
Benzyl Alcohol
Concen: 41.392 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

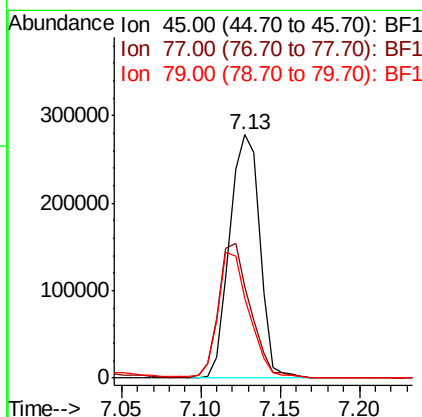
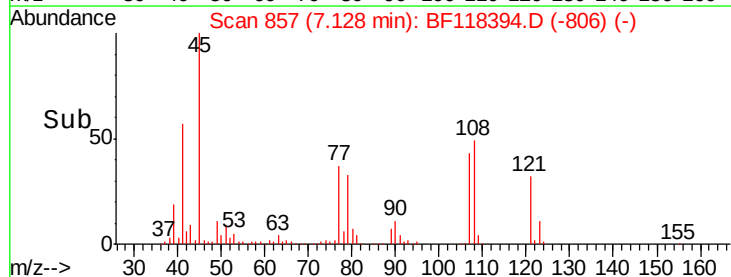
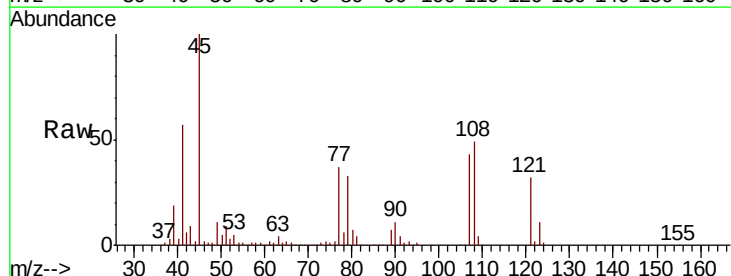
Instrument :
BNA_F
ClientSampled :

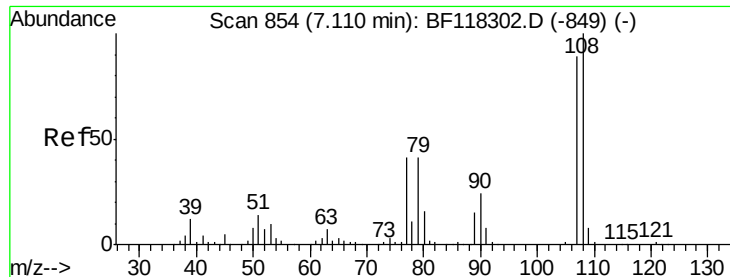
Tot Ion: 79 Resp: 325639
Ion Ratio Lower Upper
79 100
108 77.9 65.4 98.0
77 63.8 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.328 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion: 45 Resp: 366280
Ion Ratio Lower Upper
45 100
77 37.5 1.2 41.2
79 32.9 0.0 37.0

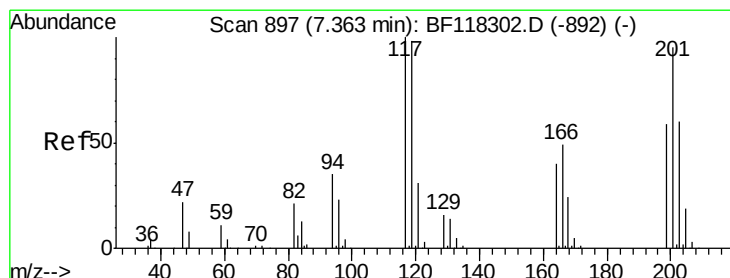
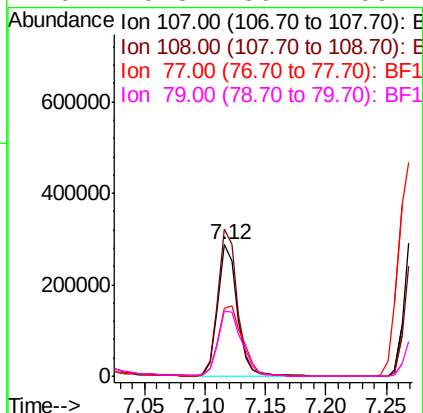
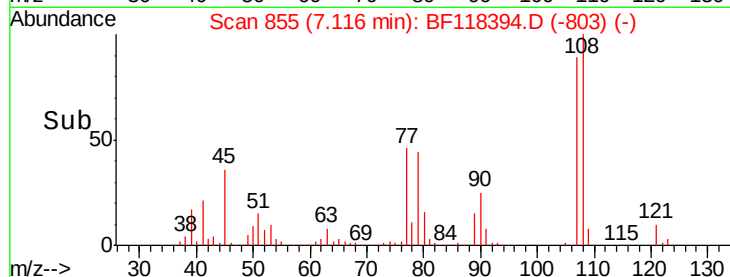
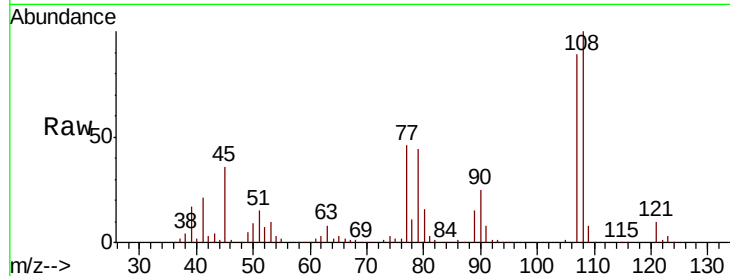




#17
2-Methylphenol
Concen: 42.263 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

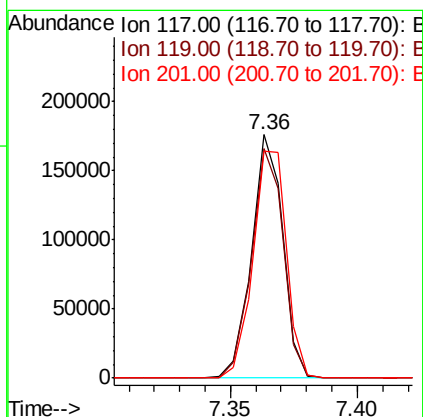
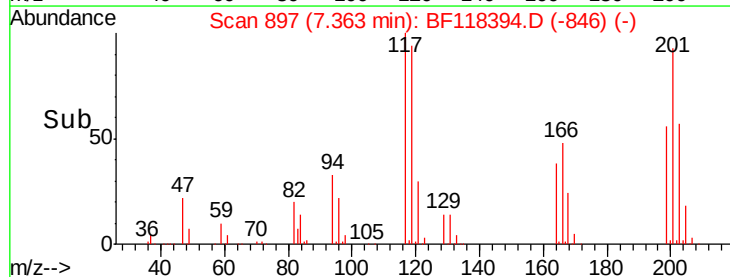
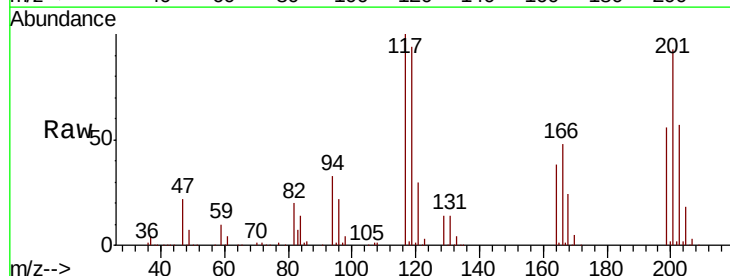
Instrument :
BNA_F
ClientSampleId :

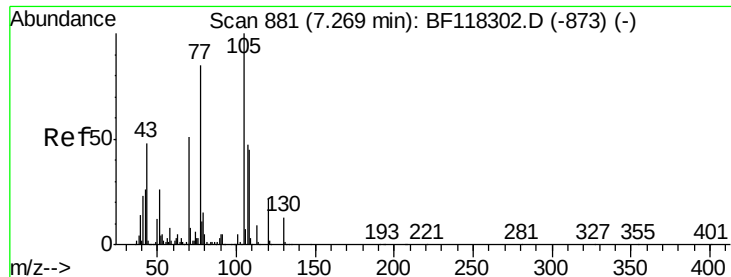
Tot Ion:107 Resp: 319769
Ion Ratio Lower Upper
107 100
108 112.3 89.7 134.5
77 51.5 37.2 55.8
79 49.8 36.7 55.1



#18
Hexachloroethane
Concen: 37.286 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:117 Resp: 151012
Ion Ratio Lower Upper
117 100
119 94.1 78.0 117.0
201 93.2 76.2 114.2

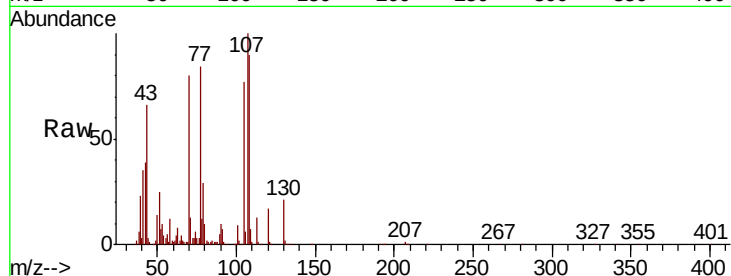




#19
n-Nitroso-di-n-propylamine
Concen: 41.108 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.6	41.1	61.7
101	10.7	8.3	12.5
130	26.2	20.1	30.1



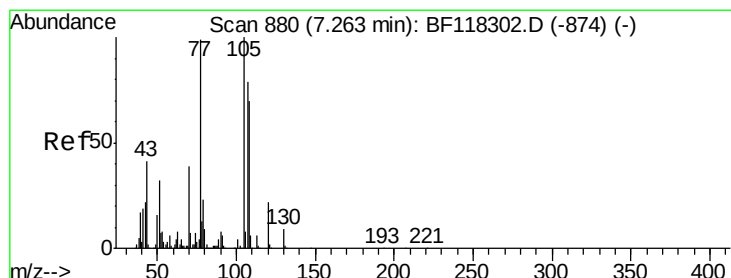
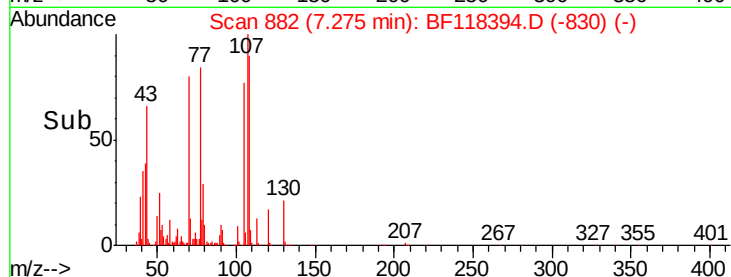
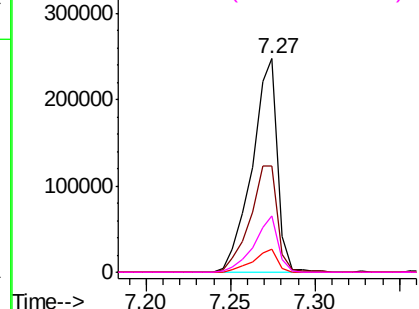
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 43.121 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.3	109.3
77	83.6	105.9	145.9#
79	29.4	9.2	49.2

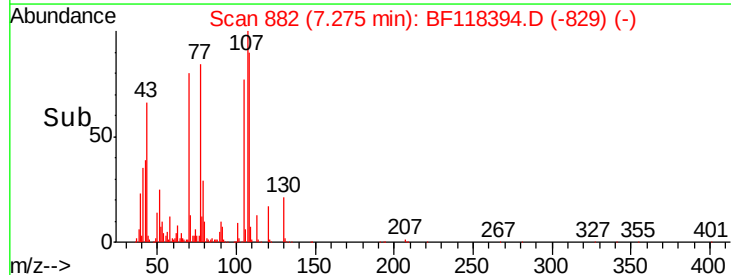
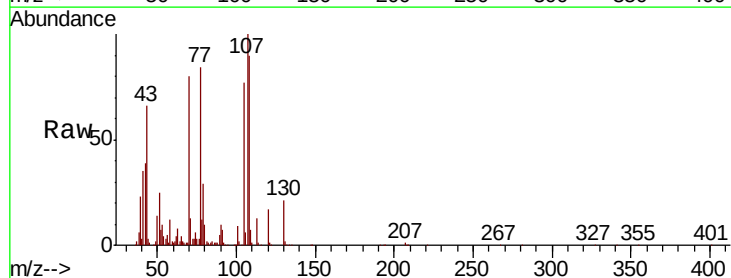
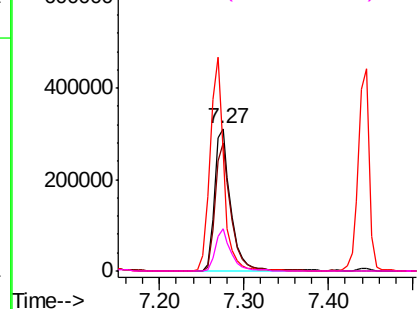
Abundance

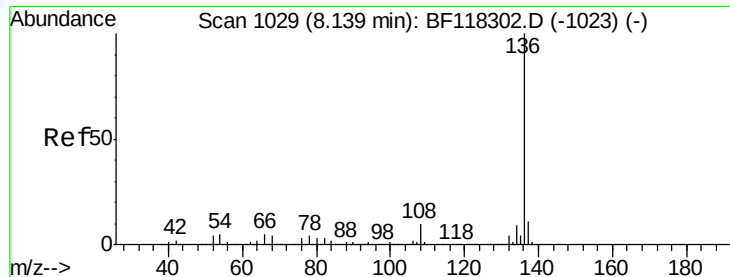
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

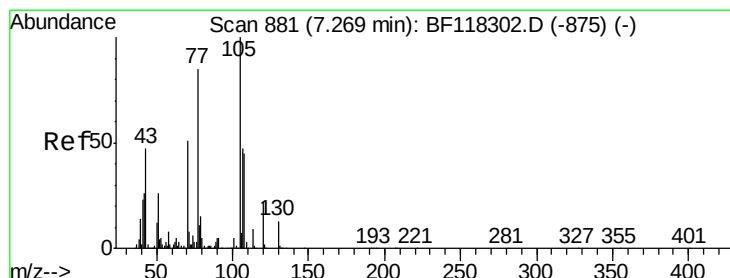
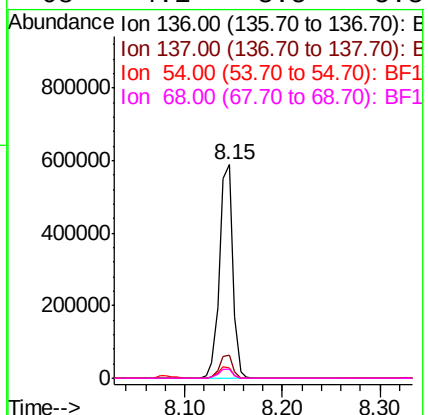
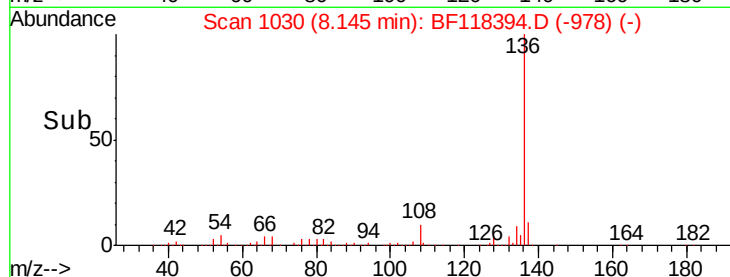
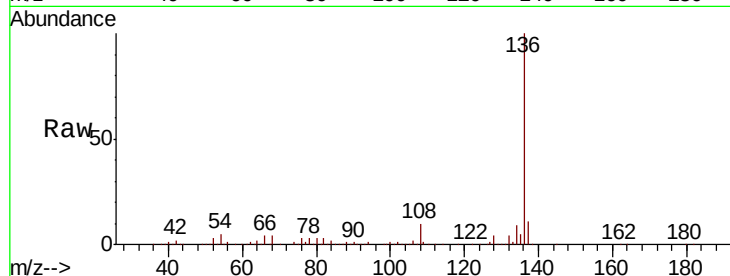




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

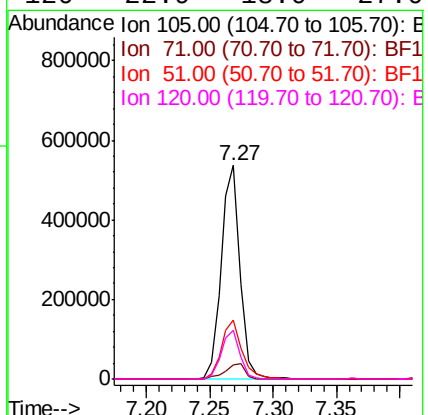
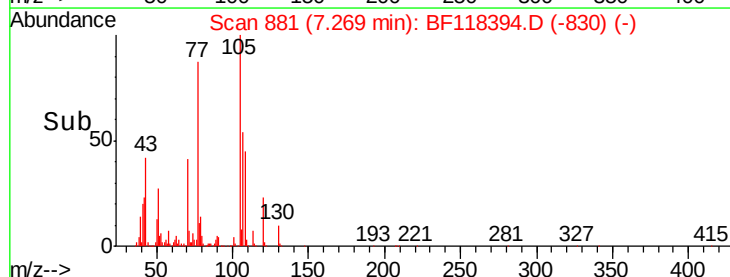
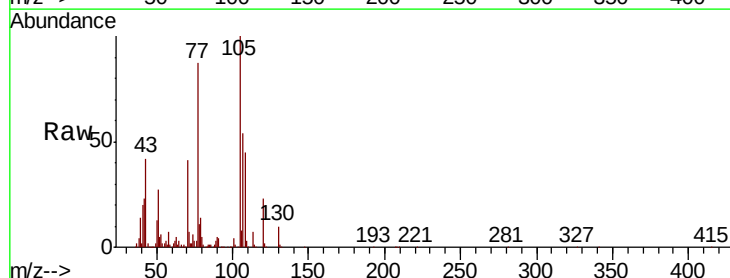
Instrument :
BNA_F
ClientSampleId :

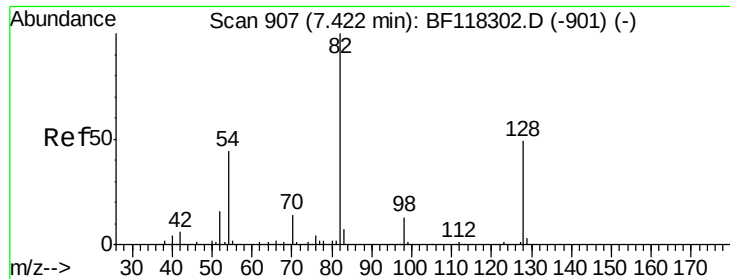
Tot Ion:136	Resp: 560312
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 5.0	4.2 6.4
68 4.1	3.5 5.3



#22
Acetophenone
Concen: 40.214 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt	Ion:105	Resp:	552238
Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.6	9.8
51	27.4	20.6	30.8
120	22.9	18.0	27.0

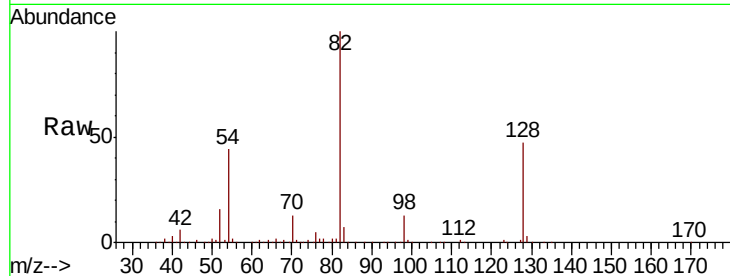




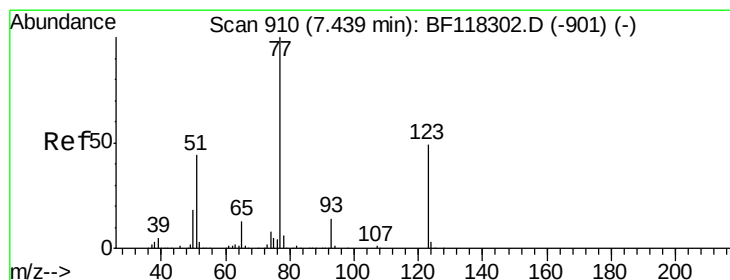
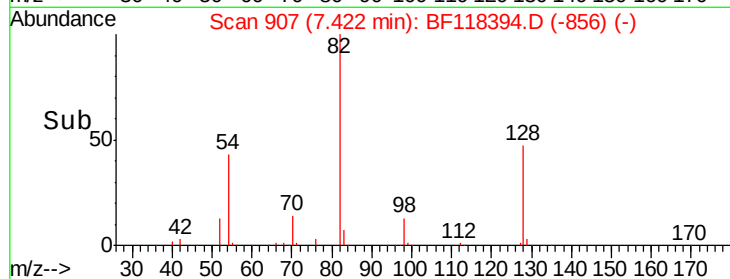
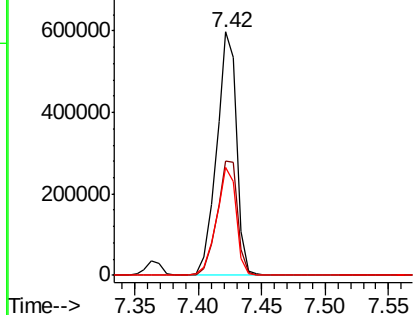
#23
Nitrobenzene-d5
Concen: 67.416 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 660442
Ion Ratio Lower Upper
82 100
128 47.0 39.6 59.4
54 44.1 34.9 52.3

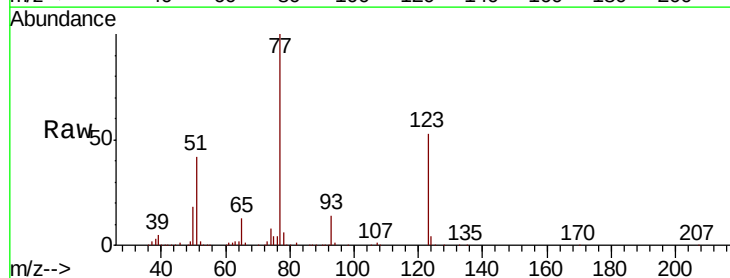


Abundance Ion 82.00 (81.70 to 82.70): BF1
800000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

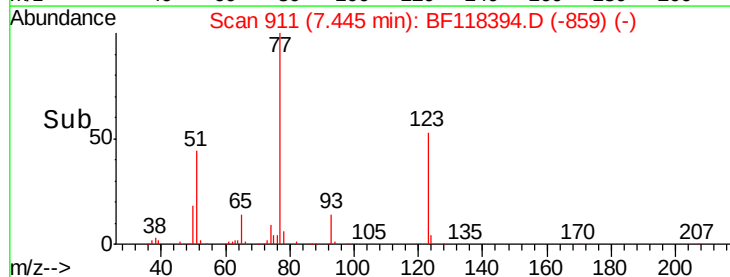
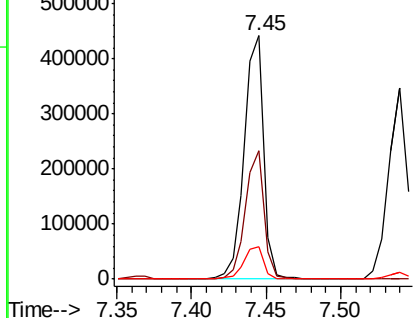


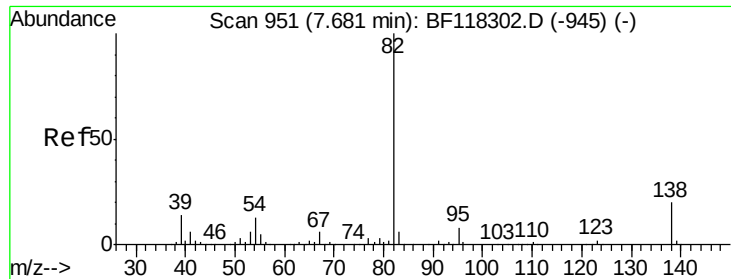
#24
Nitrobenzene
Concen: 40.788 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion: 77 Resp: 400272
Ion Ratio Lower Upper
77 100
123 52.6 39.1 58.7
65 13.3 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.887 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

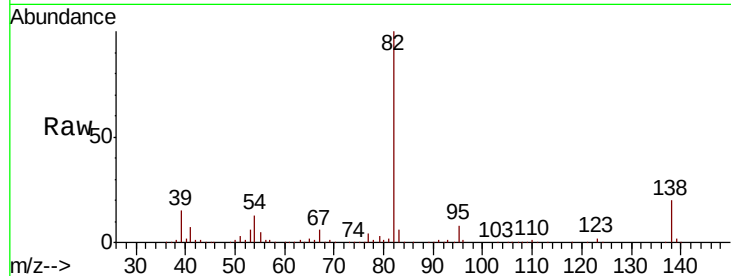
Tot Ion: 82 Resp: 715152

Ion Ratio Lower Upper

82 100

95 7.6 6.3 9.5

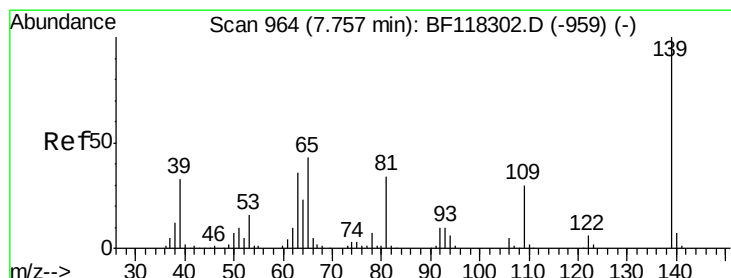
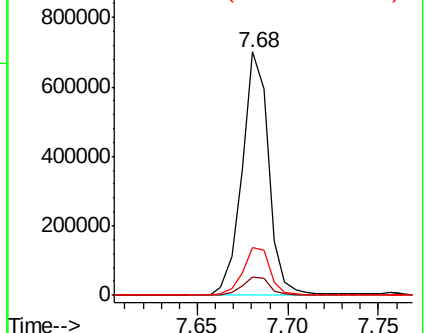
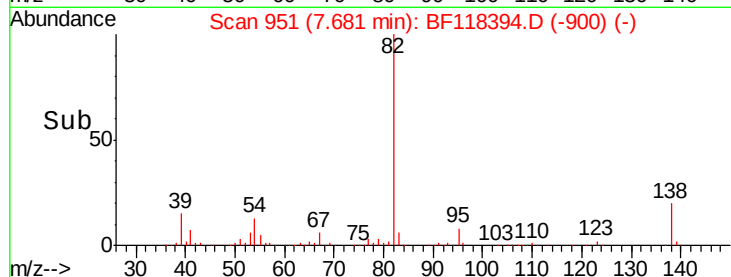
138 19.5 16.2 24.2



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: 42.116 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

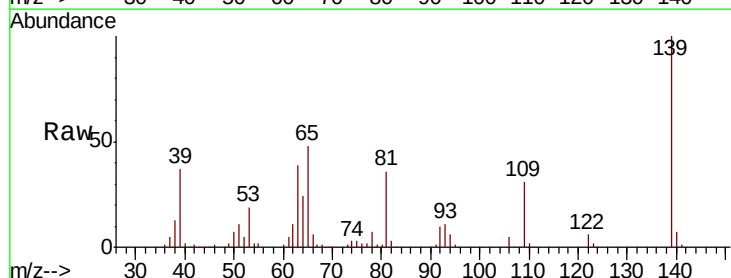
Tgt Ion: 139 Resp: 218914

Ion Ratio Lower Upper

139 100

109 31.1 24.1 36.1

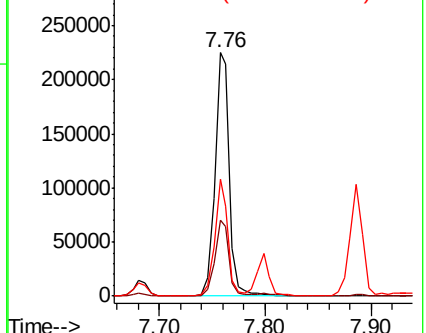
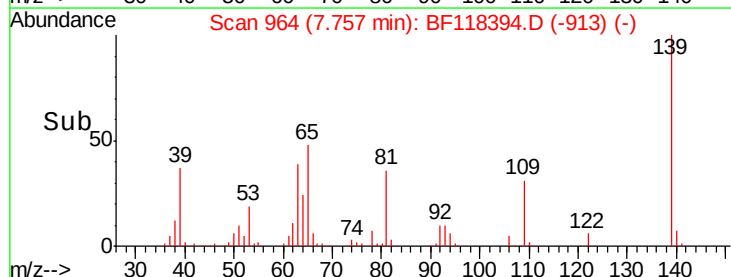
65 48.1 34.6 52.0

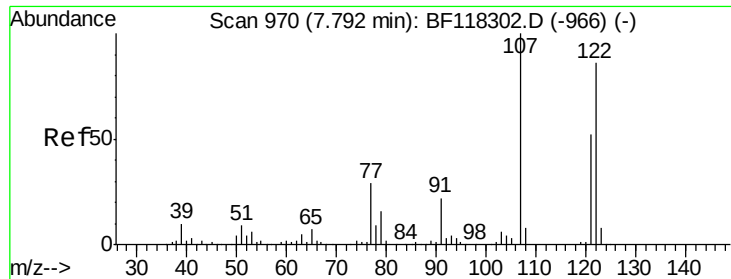


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

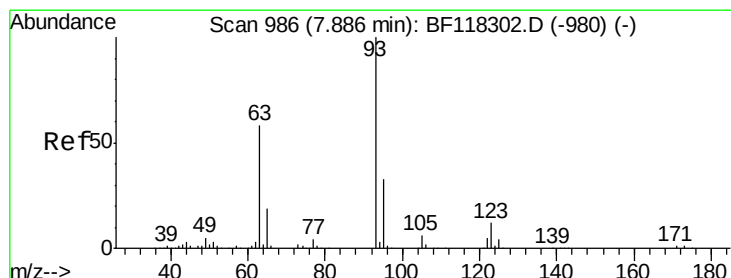
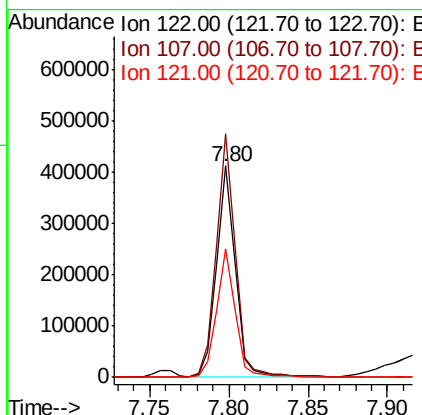
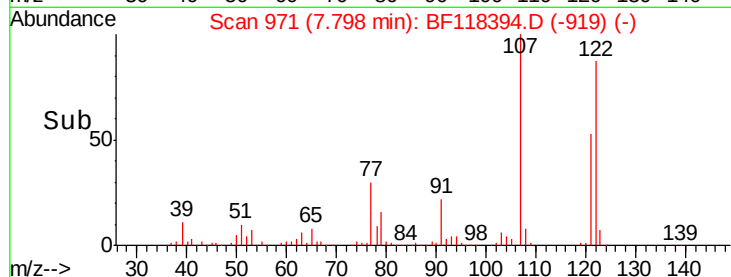
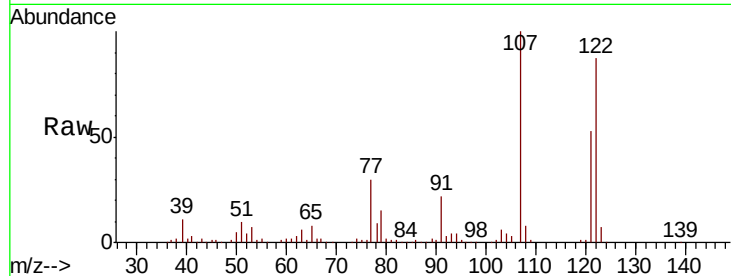




#27
2,4-Dimethylphenol
Concen: 48.386 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

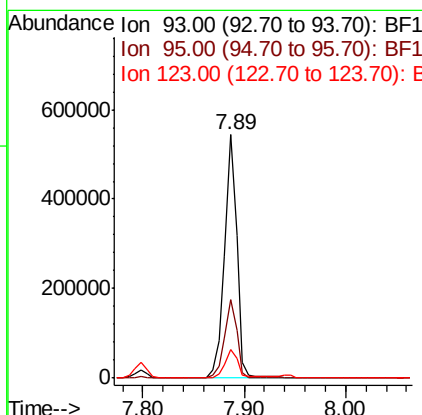
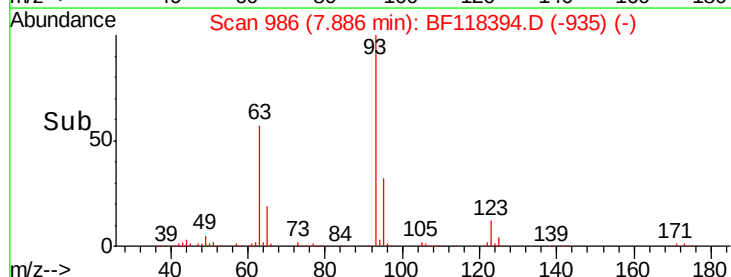
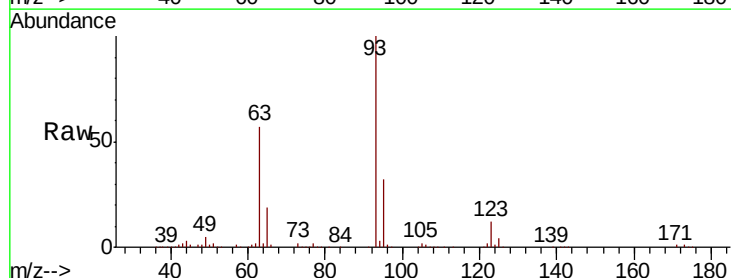
Instrument :
BNA_F
ClientSampleId :

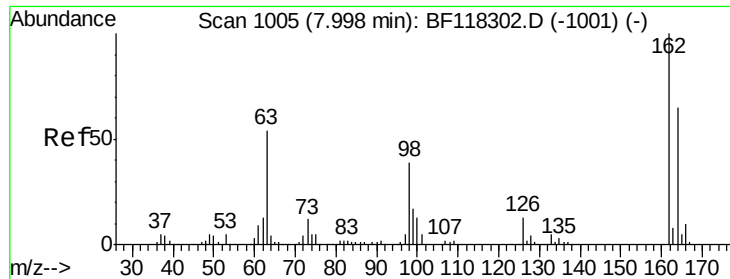
Tot Ion:122 Resp: 343148
Ion Ratio Lower Upper
122 100
107 115.3 92.9 139.3
121 61.0 47.9 71.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.122 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion: 93 Resp: 459165
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.4
123 12.0 9.8 14.8

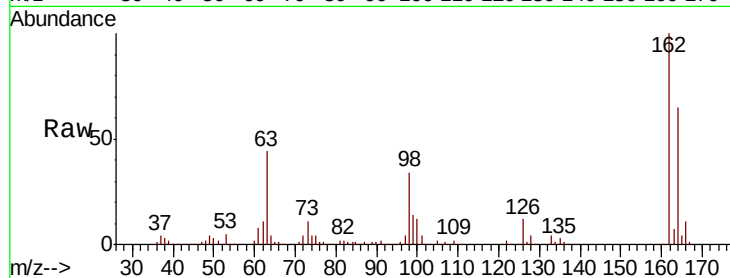




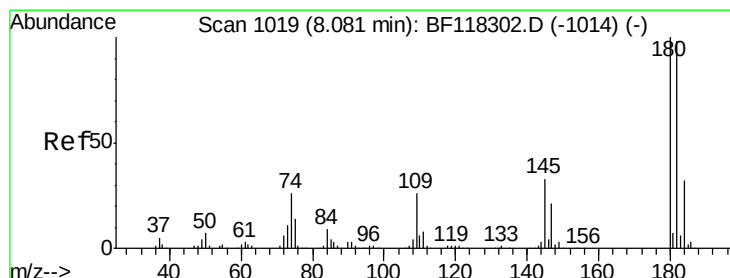
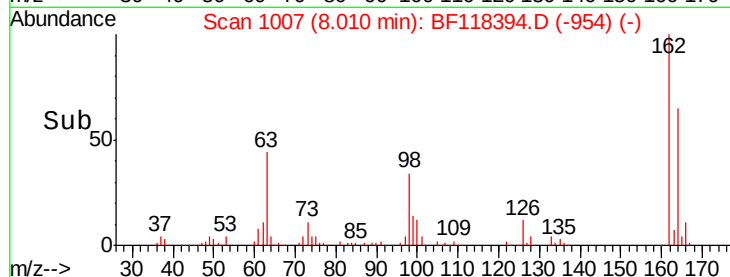
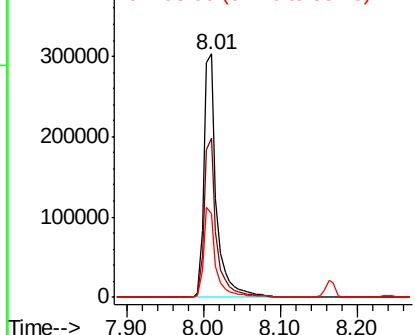
#29
 2,4-Dichlorophenol
 Concen: 42.243 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 344818
 Ion Ratio Lower Upper
 162 100
 164 65.2 45.1 85.1
 98 34.2 18.6 58.6

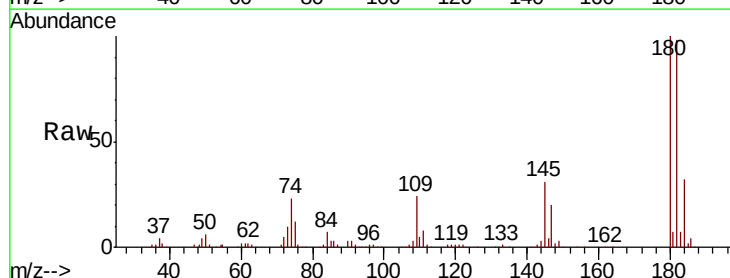


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

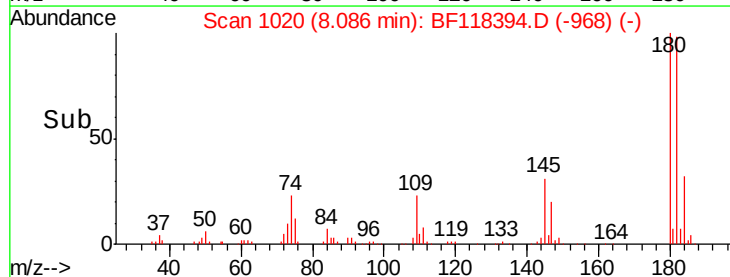
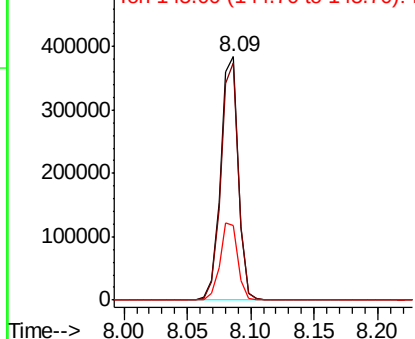


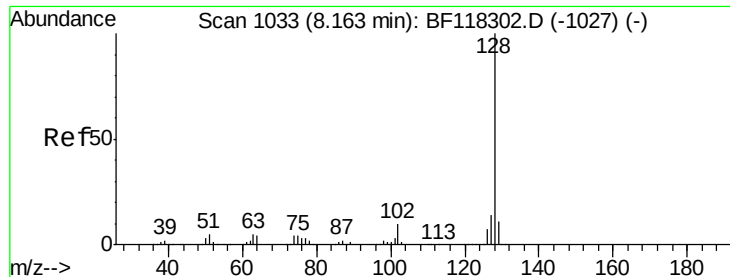
#30
 1,2,4-Trichlorobenzene
 Concen: 39.647 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Tgt Ion:180 Resp: 376995
 Ion Ratio Lower Upper
 180 100
 182 97.6 78.3 117.5
 145 30.9 26.7 40.1



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

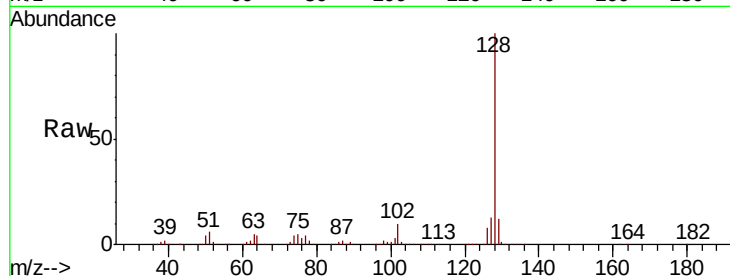




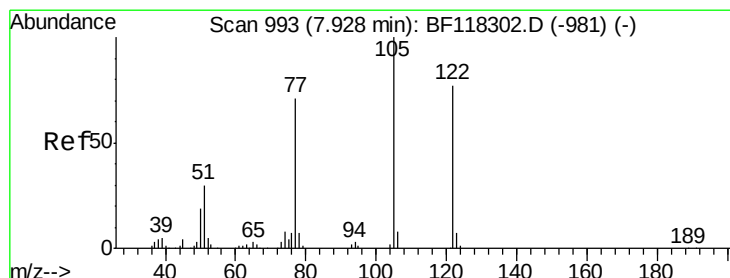
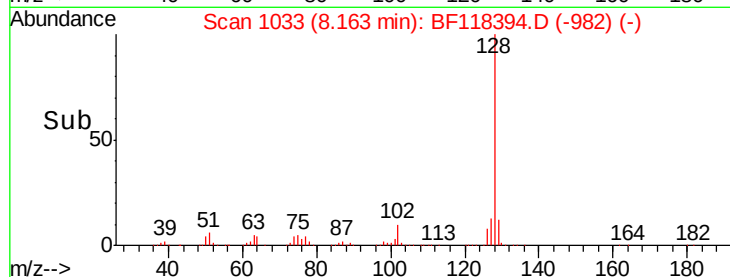
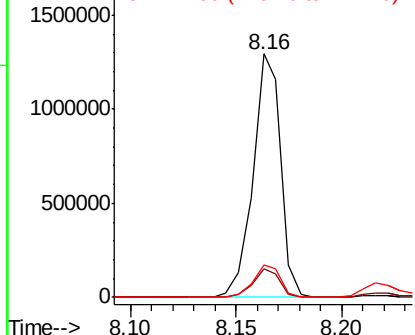
#31
Naphthalene
Concen: 41.288 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1175842
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.5 11.0 16.4

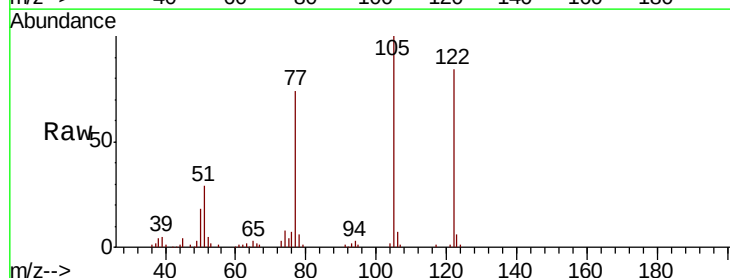


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

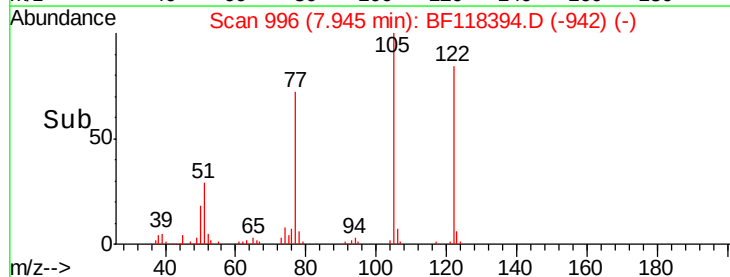
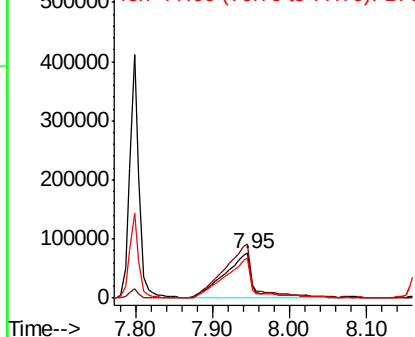


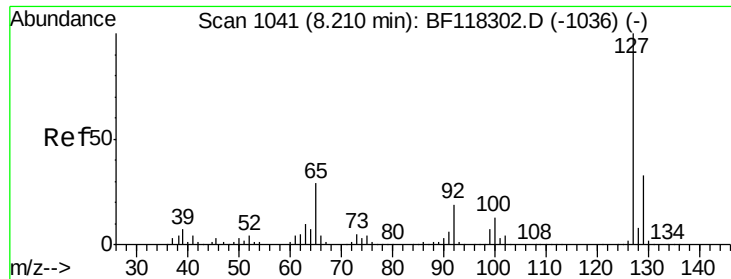
#32
Benzoic acid
Concen: 34.514 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:122 Resp: 195862
Ion Ratio Lower Upper
122 100
105 119.5 106.8 146.8
77 88.0 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

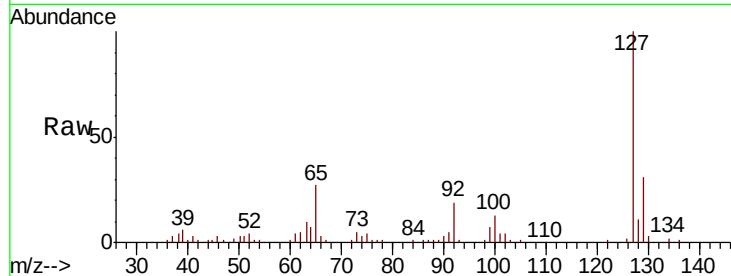




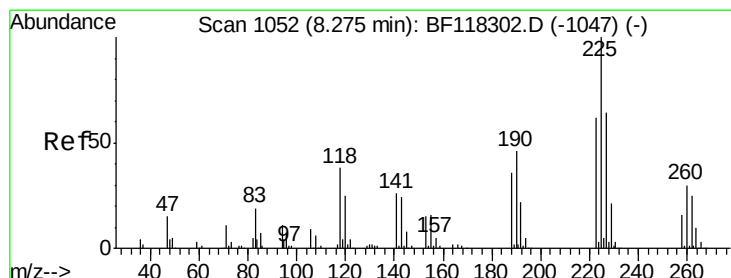
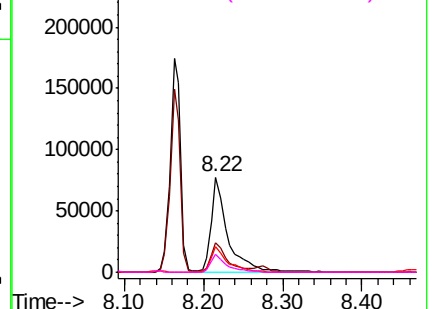
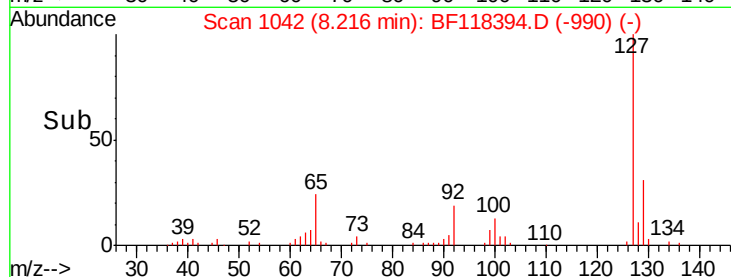
#33
4-Chloroaniline
Concen: 9.385 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 114584
Ion Ratio Lower Upper
127 100
129 31.0 26.5 39.7
65 27.0 22.8 34.2
92 19.4 15.5 23.3

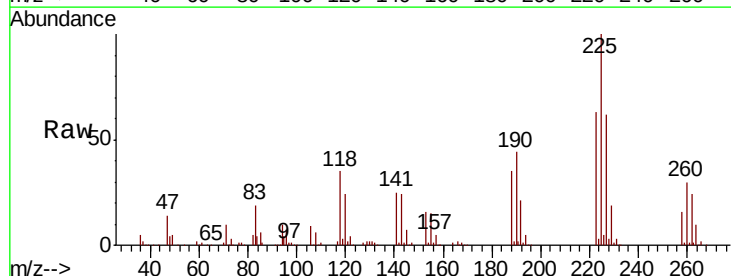


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

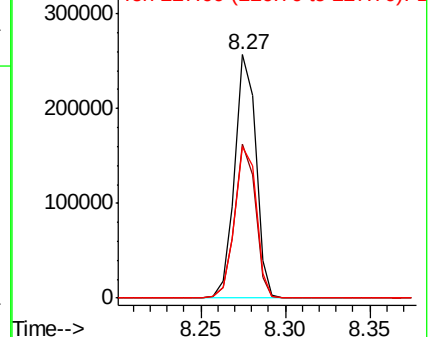
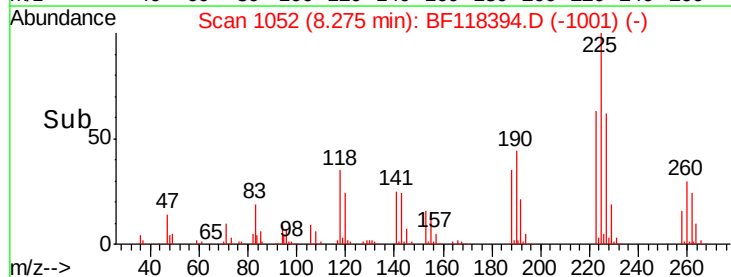


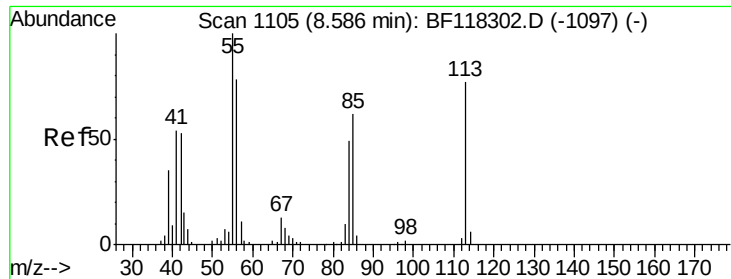
#34
Hexachlorobutadiene
Concen: 39.462 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:225 Resp: 223364
Ion Ratio Lower Upper
225 100
223 63.2 49.5 74.3
227 62.1 51.0 76.4



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

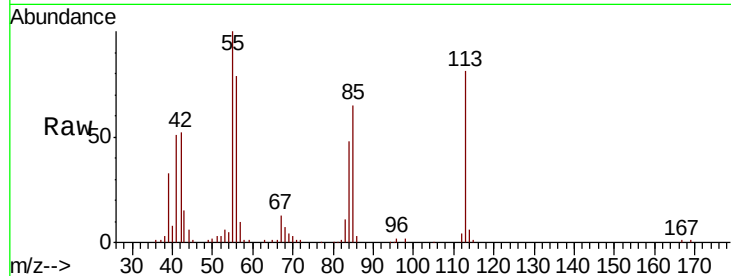




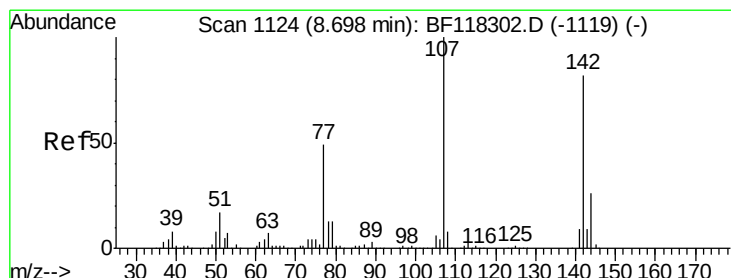
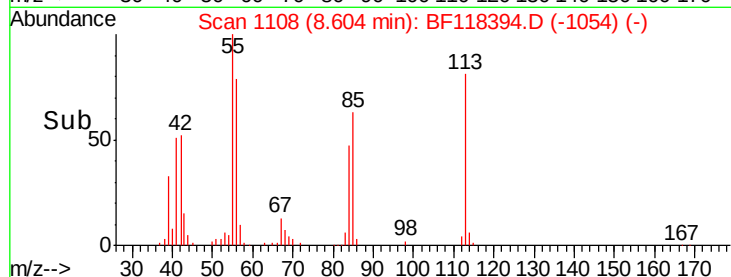
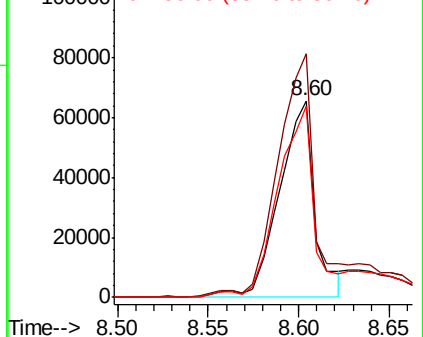
#35
Caprolactam
Concen: 35.101 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 89453
Ion Ratio Lower Upper
113 100
55 123.7 109.8 149.8
56 97.2 81.7 121.7

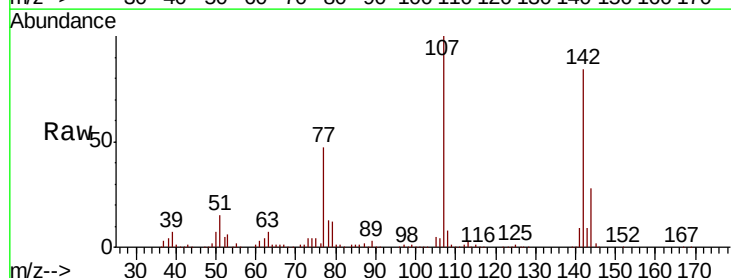


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

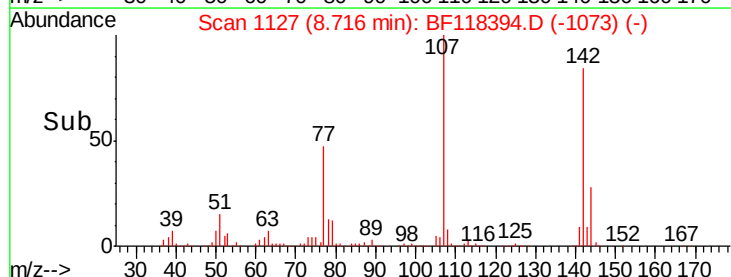
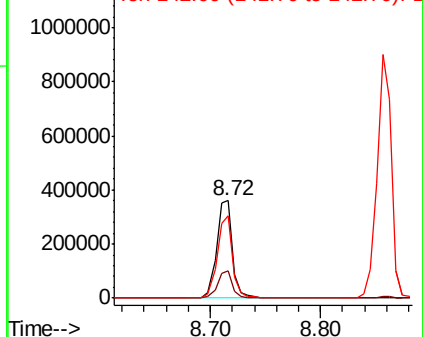


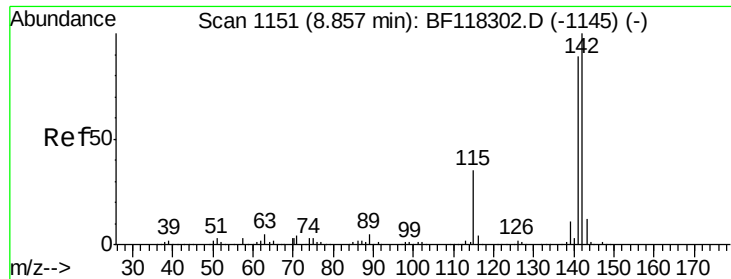
#36
4-Chloro-3-methylphenol
Concen: 41.030 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:107 Resp: 359585
Ion Ratio Lower Upper
107 100
144 27.8 21.2 31.8
142 84.4 65.4 98.2



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

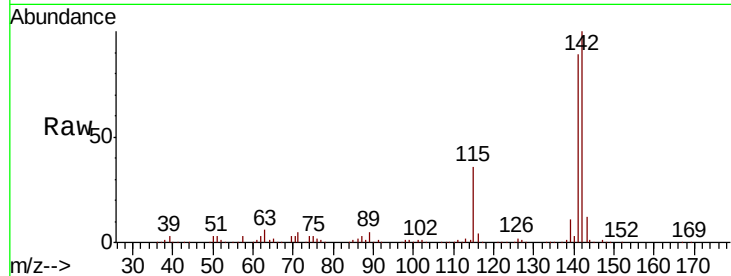




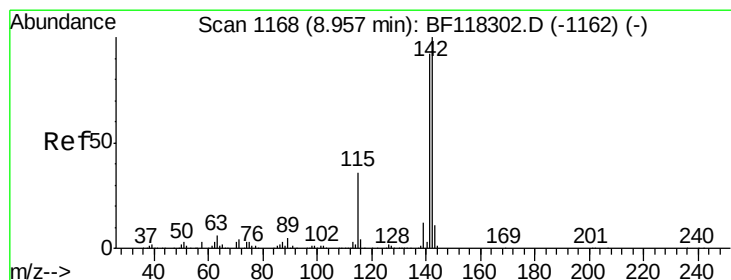
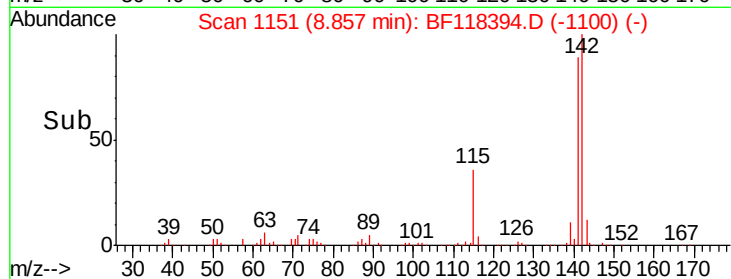
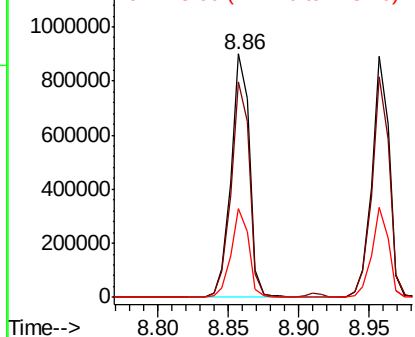
#37
2-Methylnaphthalene
Concen: 41.881 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 816603
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8
115 36.3 28.0 42.0

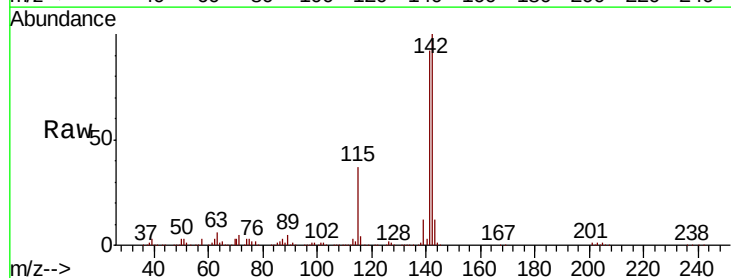


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

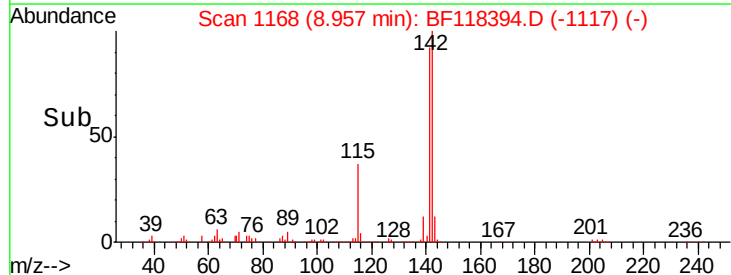
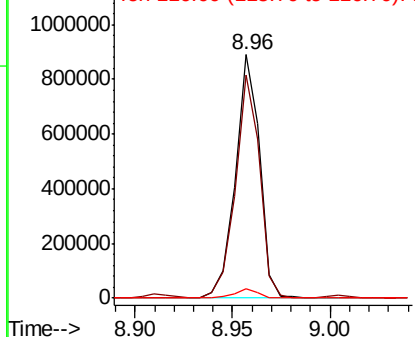


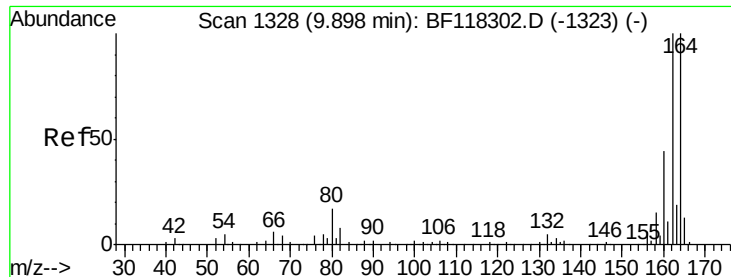
#38
1-Methylnaphthalene
Concen: 41.300 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:142 Resp: 758684
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2
116 3.8 2.9 4.3



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: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

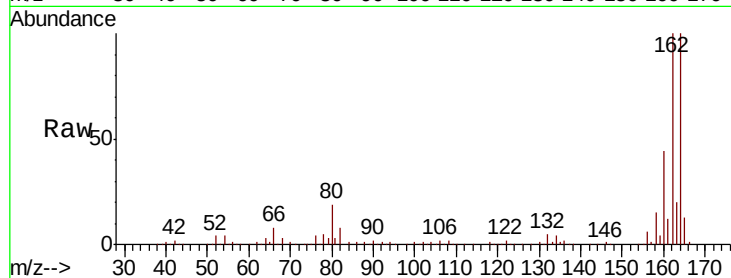
Tot Ion:164 Resp: 285880

Ion Ratio Lower Upper

164 100

162 100.4 80.0 120.0

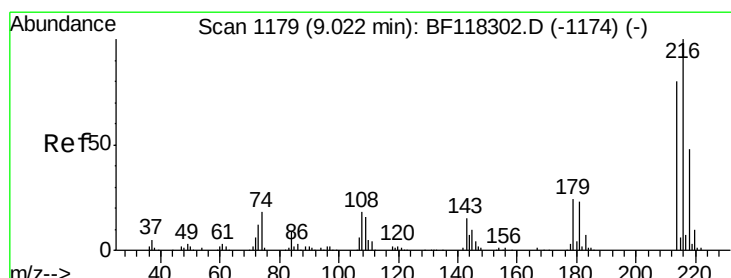
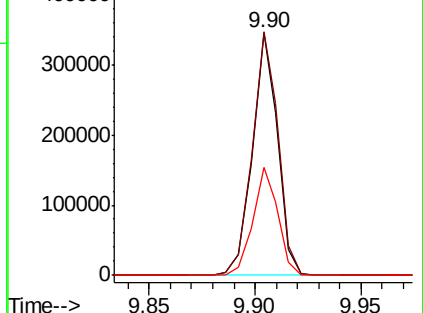
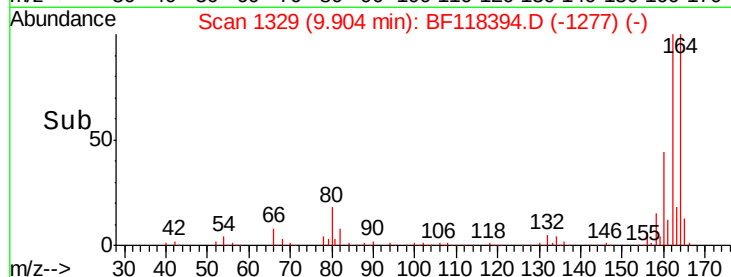
160 44.5 34.8 52.2



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: 41.287 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Tgt Ion:216 Resp: 354636

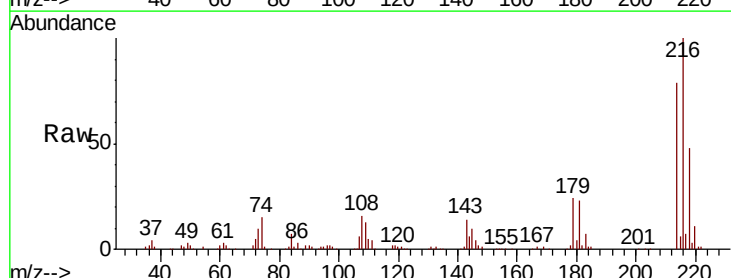
Ion Ratio Lower Upper

216 100

214 79.4 63.3 94.9

179 23.7 18.9 28.3

108 18.1 15.0 22.6

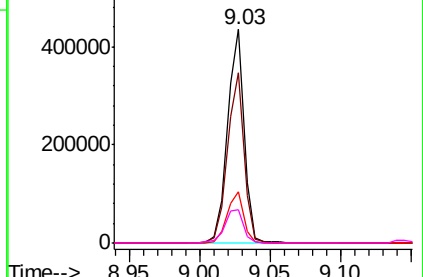
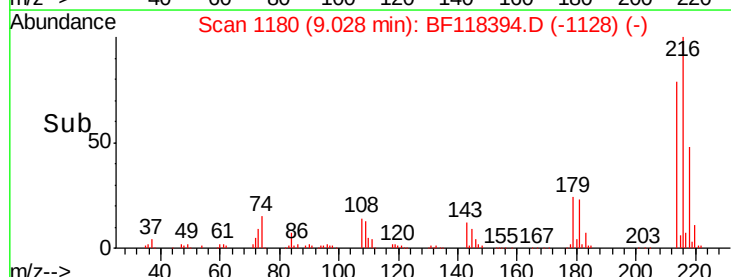


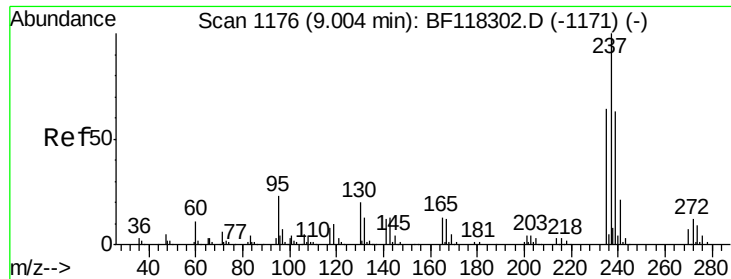
Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.534 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampled :

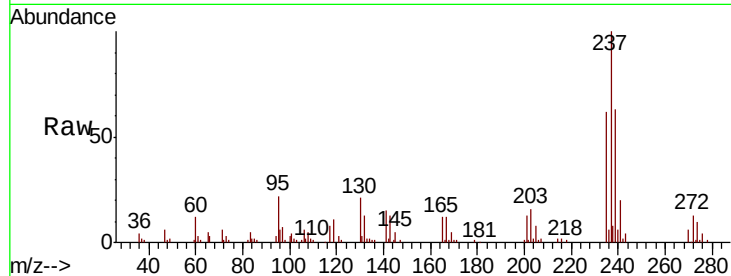
Tot Ion:237 Resp: 63180

Ion Ratio Lower Upper

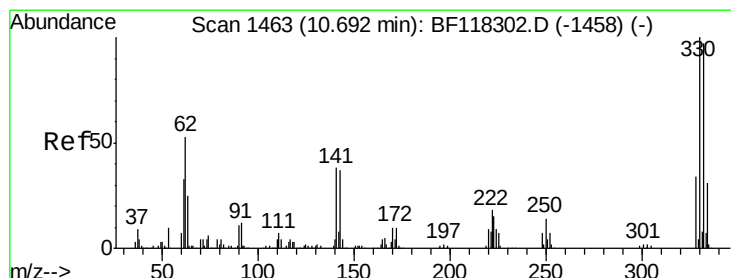
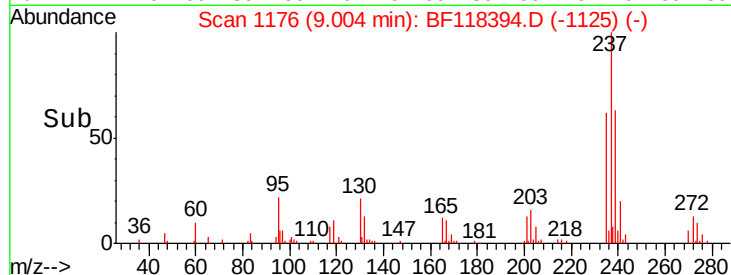
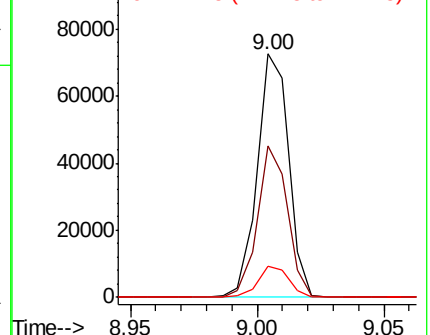
237 100

235 62.3 43.8 83.8

272 12.6 0.0 31.7



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: 94.434 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

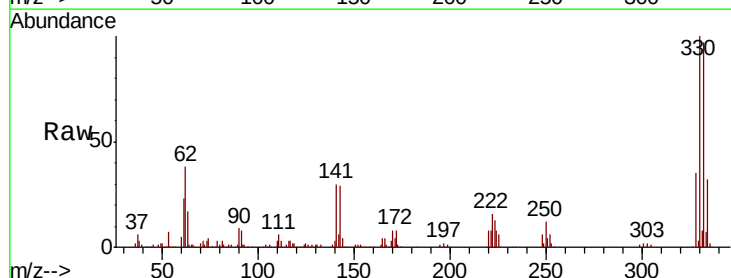
Tgt Ion:330 Resp: 333391

Ion Ratio Lower Upper

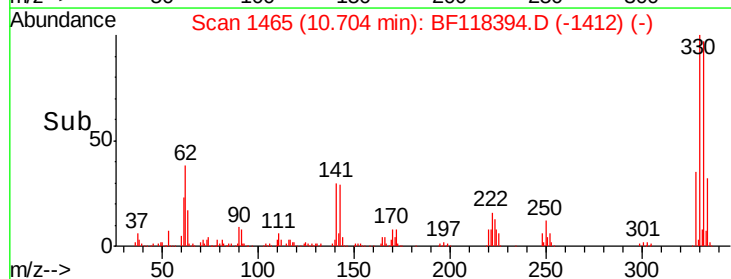
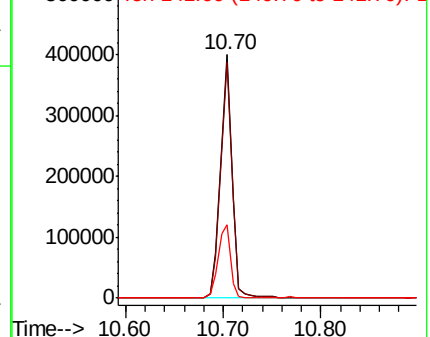
330 100

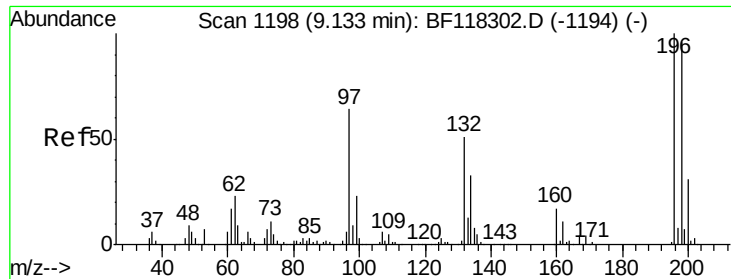
332 97.2 76.6 114.8

141 32.4 26.0 39.0



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

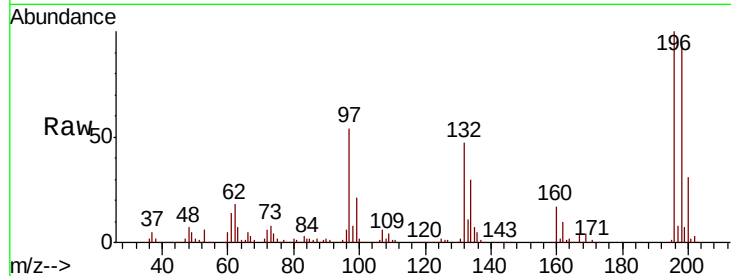




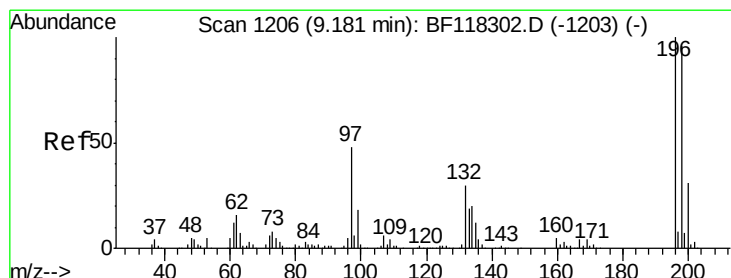
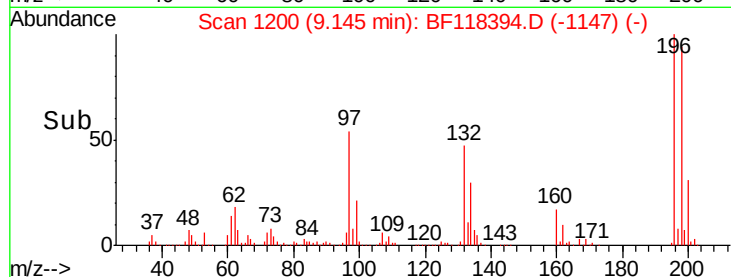
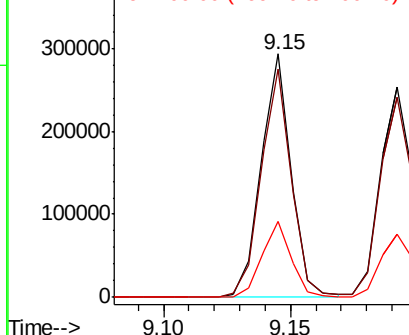
#43
 2,4,6-Trichlorophenol
 Concen: 42.189 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 242095
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.7 115.1
 200 31.1 24.8 37.2

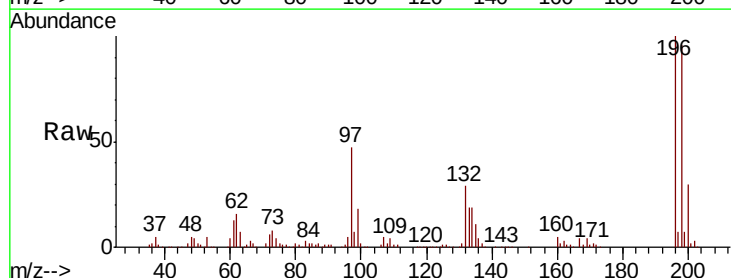


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

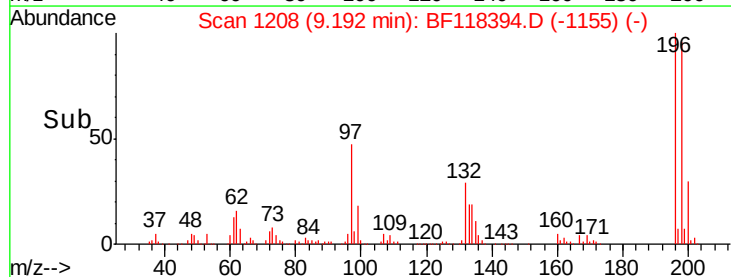
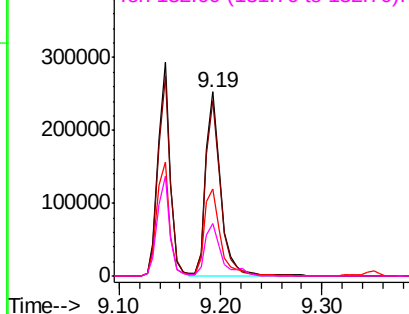


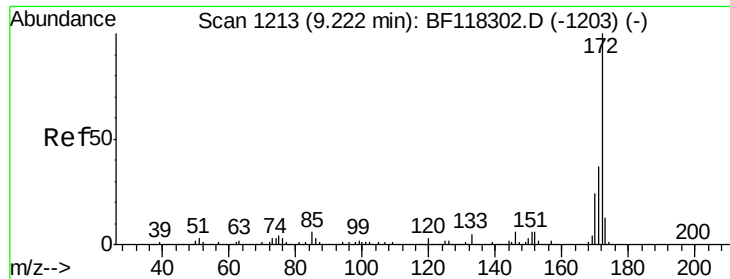
#44
 2,4,5-Trichlorophenol
 Concen: 43.772 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Tgt Ion:196 Resp: 258392
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.0 115.4
 97 47.1 38.9 58.3
 132 28.9 23.9 35.9



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

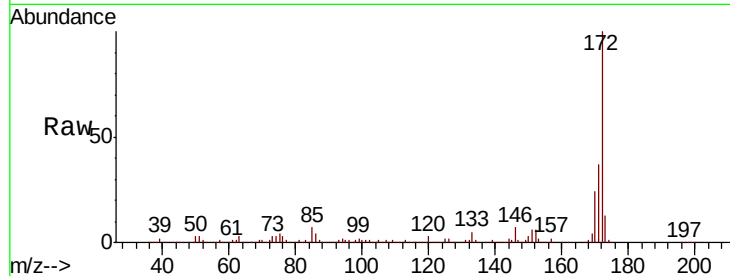




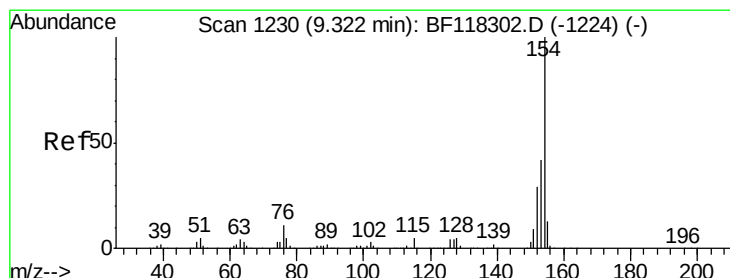
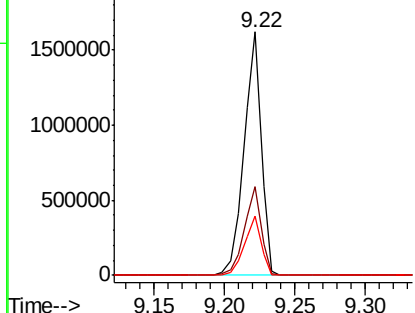
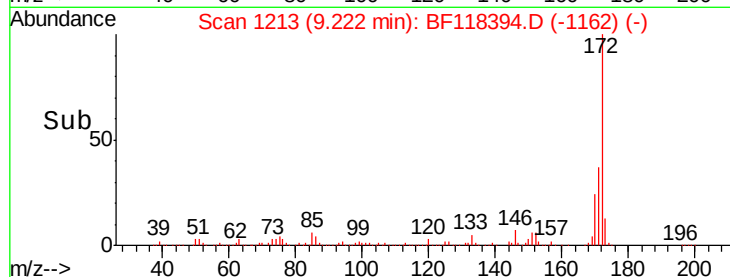
#45
2-Fluorobiphenyl
Concen: 73.393 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1374509
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 24.1 19.2 28.8

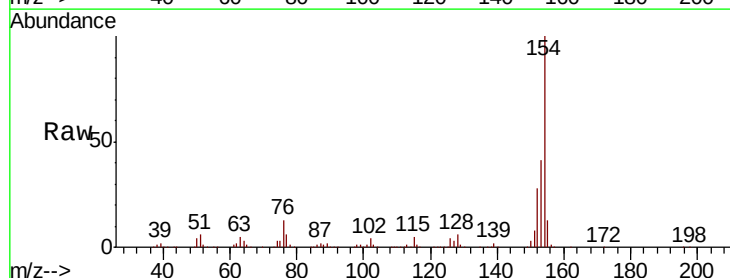


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

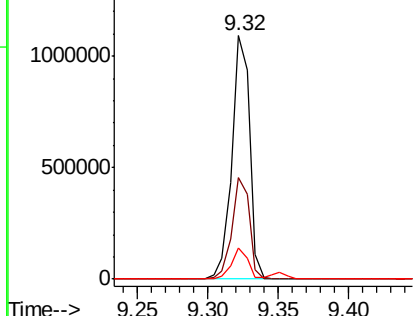
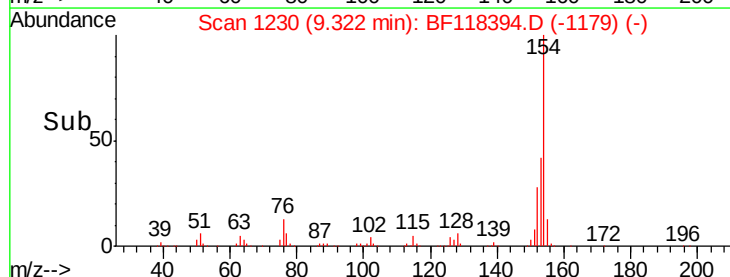


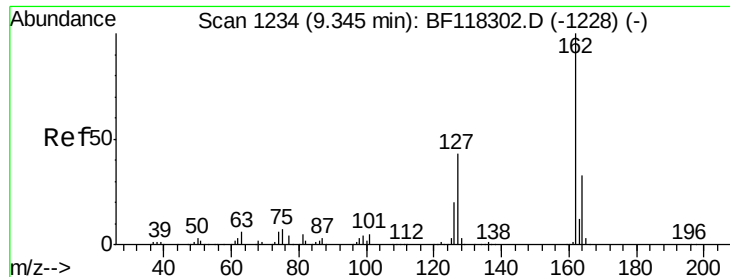
#46
1,1'-Biphenyl
Concen: 42.361 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:154 Resp: 957846
Ion Ratio Lower Upper
154 100
153 41.5 21.8 61.8
76 12.6 0.0 30.9



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

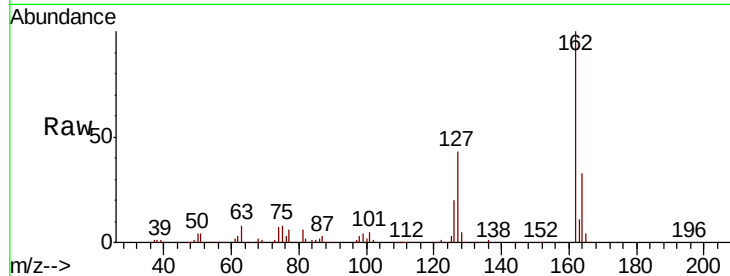




#47
 2-Chloronaphthalene
 Concen: 40.827 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	35.0	52.4
164	33.3	26.6	40.0

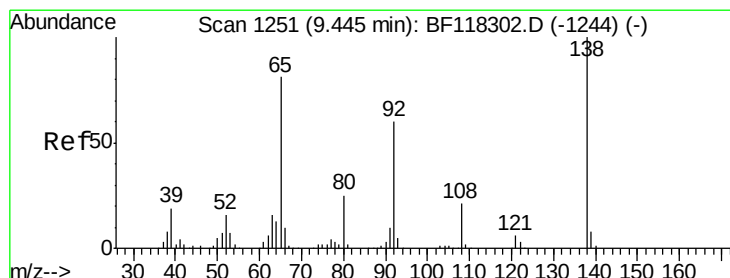
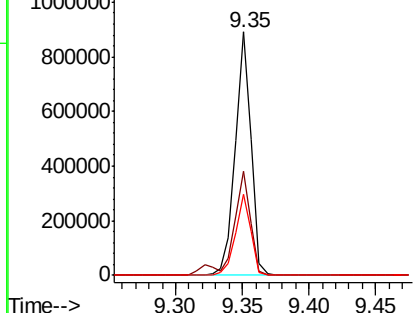
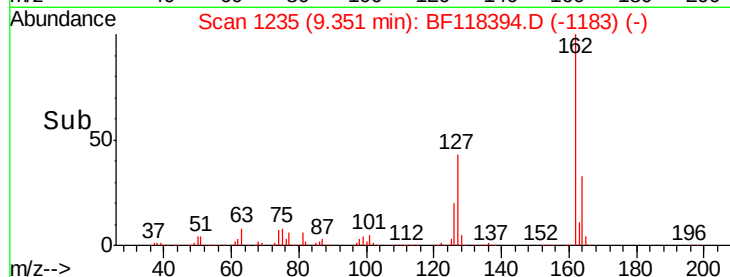


Abundance

Ion 162.00 (161.70 to 162.70): E

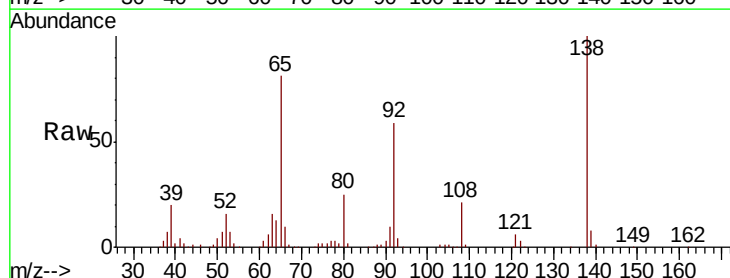
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 39.554 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	58.7	88.1
138	124.1	98.5	147.7

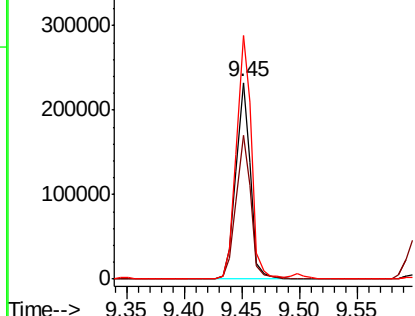
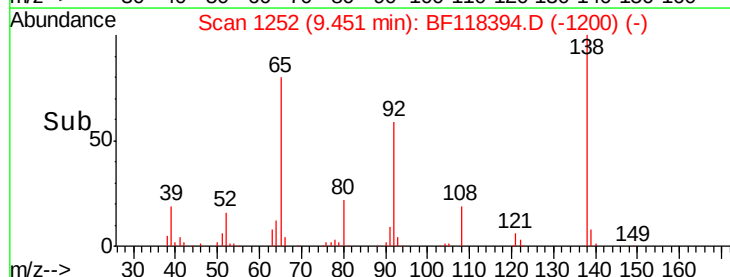


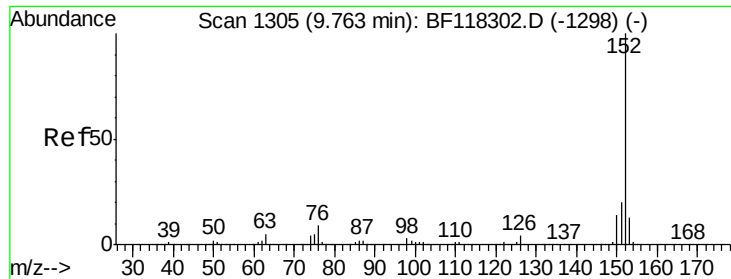
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.129 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

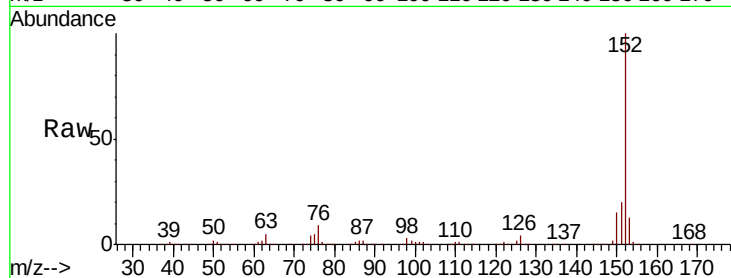
Tot Ion:152 Resp: 1137065

Ion Ratio Lower Upper

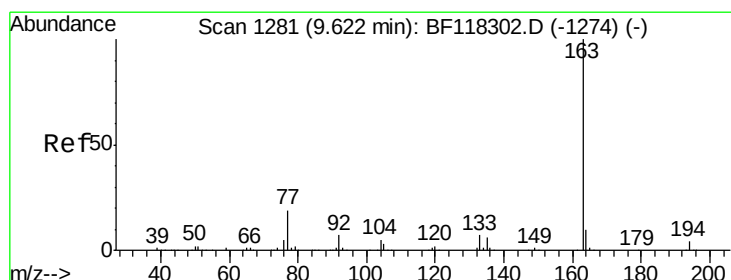
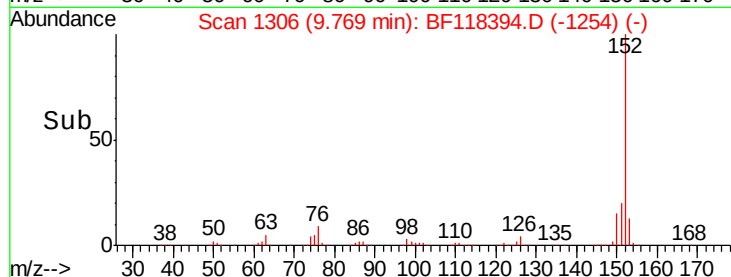
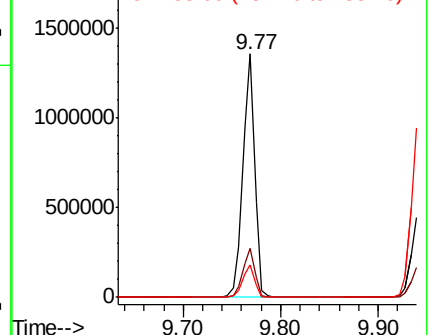
152 100

151 20.3 16.2 24.2

153 13.3 10.5 15.7



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



#50

Dimethylphthalate

Concen: 46.826 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

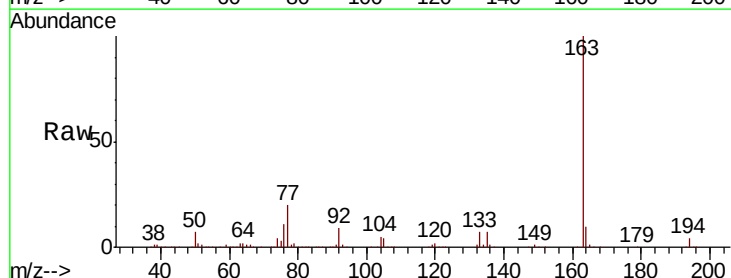
Tgt Ion:163 Resp: 1004848

Ion Ratio Lower Upper

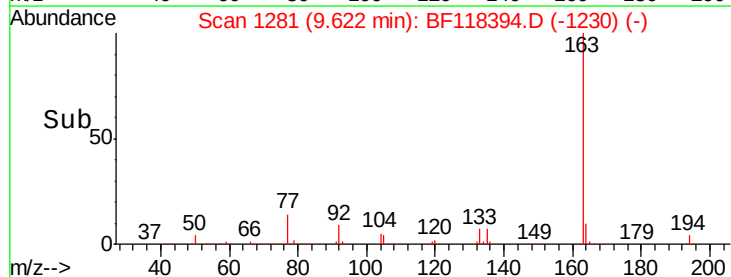
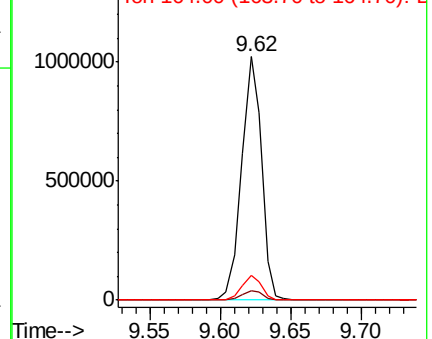
163 100

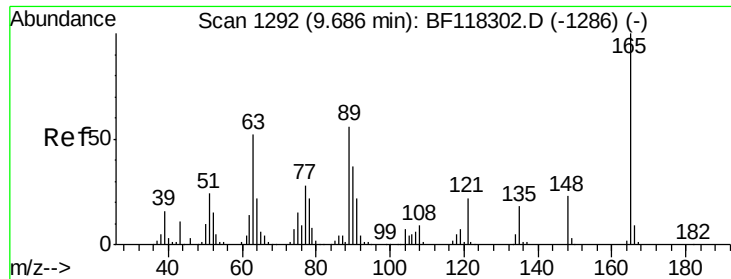
194 3.7 3.2 4.8

164 10.2 7.9 11.9



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





#51

2,6-Dinitrotoluene

Concen: 42.078 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampled :

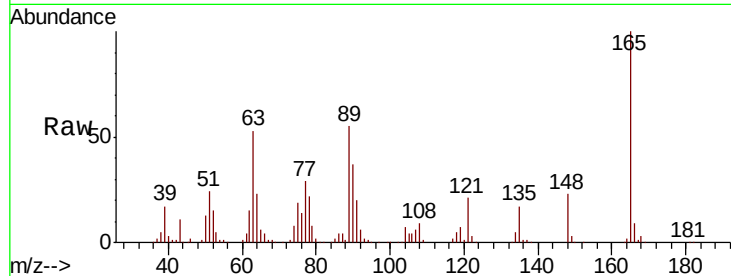
Tot Ion:165 Resp: 194670

Ion Ratio Lower Upper

165 100

63 53.0 42.2 63.4

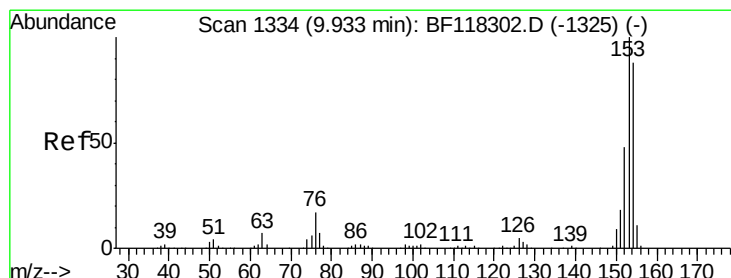
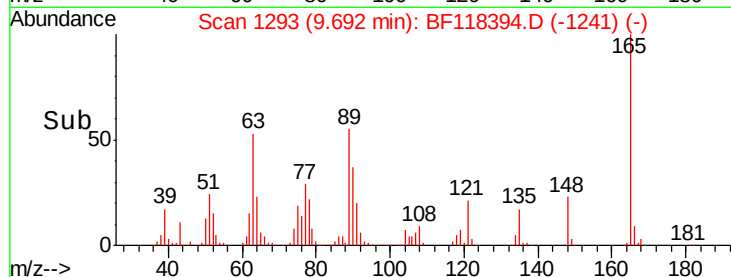
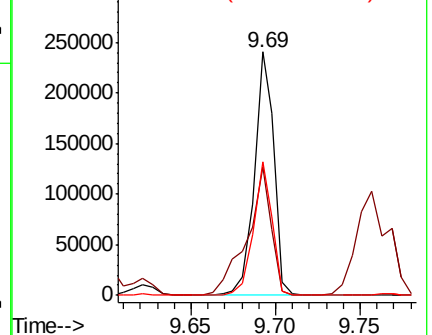
89 55.0 44.4 66.6



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



#52

Acenaphthene

Concen: 40.665 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

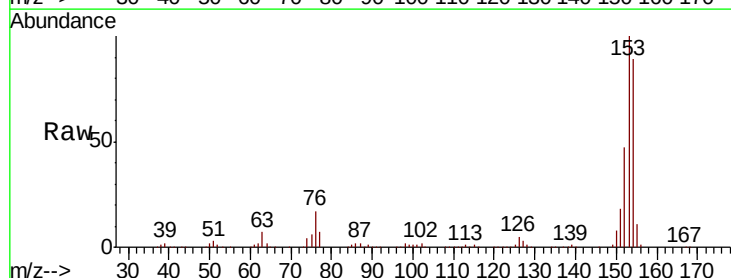
Tgt Ion:154 Resp: 668531

Ion Ratio Lower Upper

154 100

153 112.0 90.6 136.0

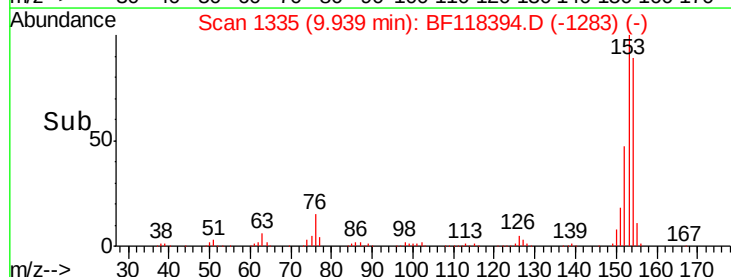
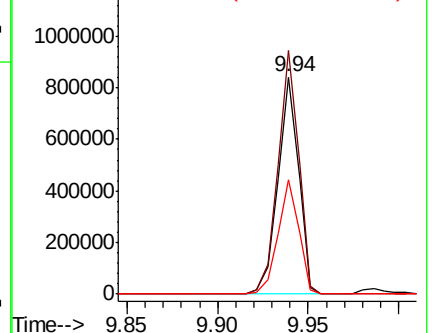
152 52.6 43.1 64.7

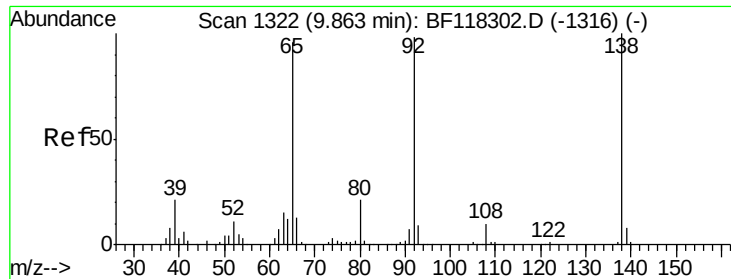


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

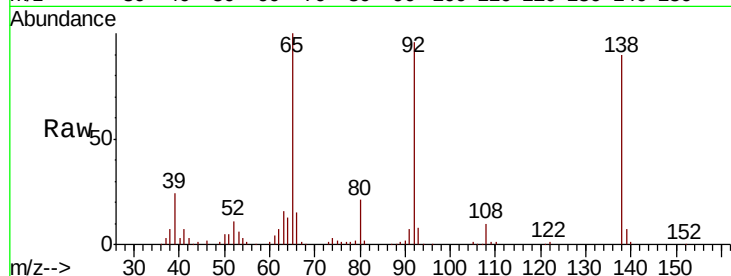




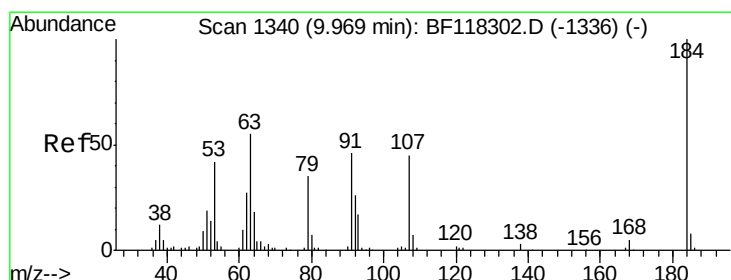
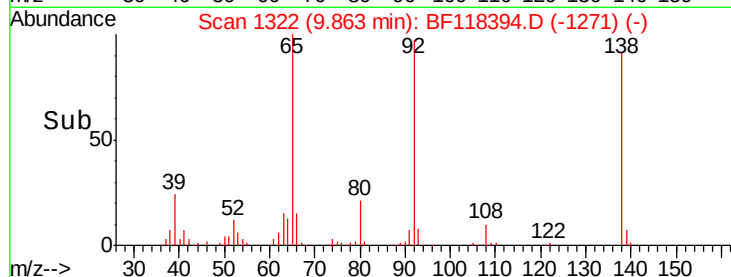
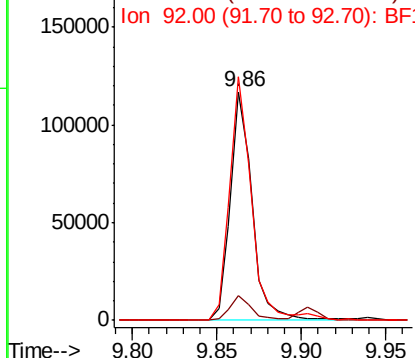
#53
3-Nitroaniline
Concen: 19.285 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 104717
Ion Ratio Lower Upper
138 100
108 11.0 7.8 11.8
92 106.6 78.2 117.2

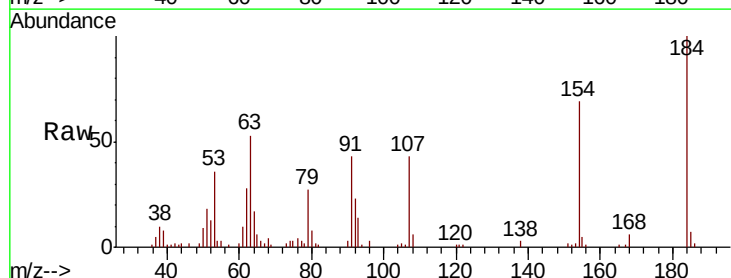


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

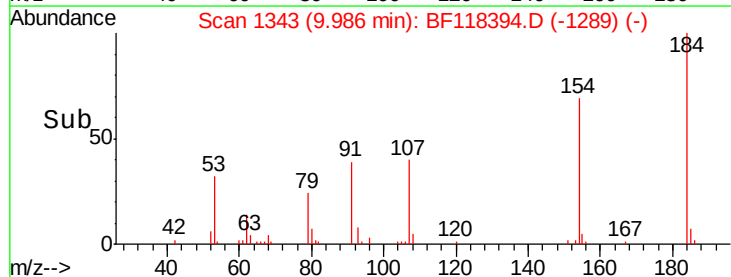
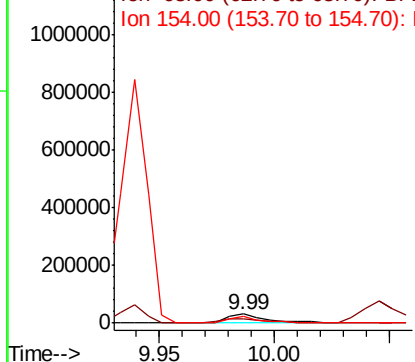


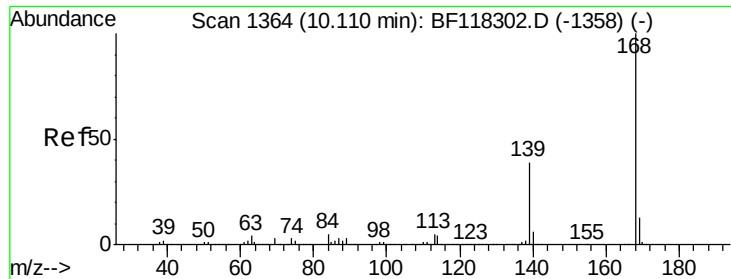
#54
2,4-Dinitrophenol
Concen: 20.343 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:184 Resp: 37811
Ion Ratio Lower Upper
184 100
63 53.1 48.8 73.2
154 69.4 55.0 82.4



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

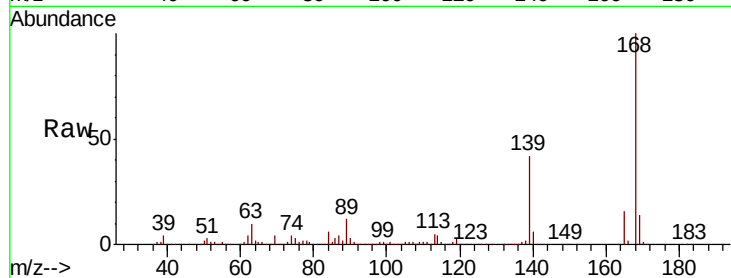




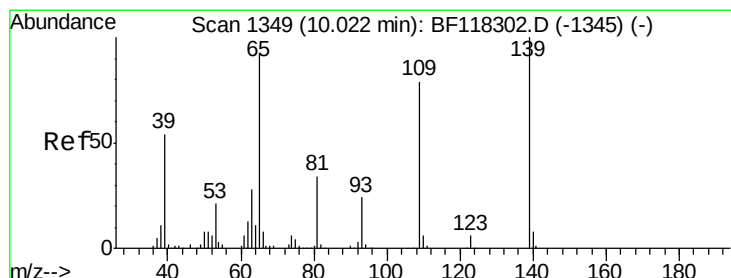
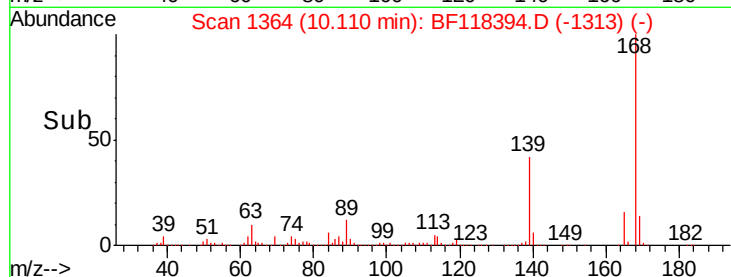
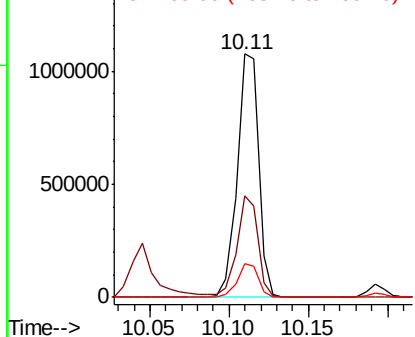
#55
Dibenzenofuran
Concen: 41.638 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1011462
Ion Ratio Lower Upper
168 100
139 41.6 31.5 47.3
169 13.8 10.4 15.6

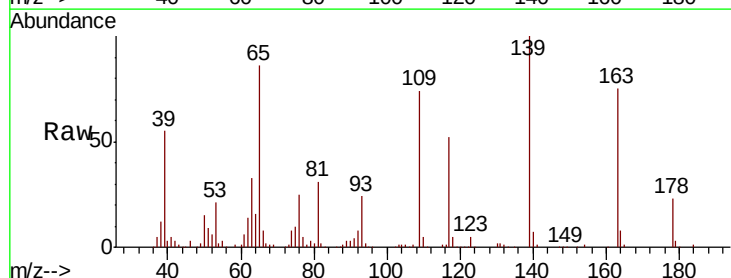


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

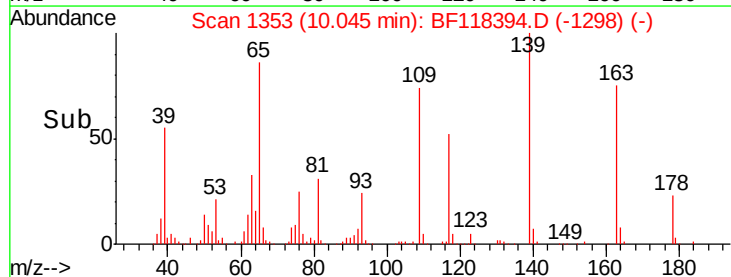
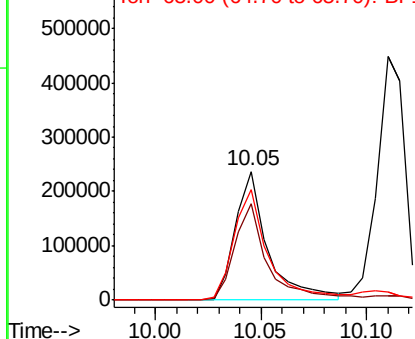


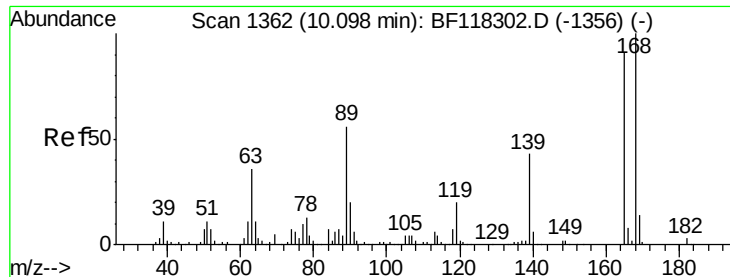
#56
4-Nitrophenol
Concen: 75.884 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:139 Resp: 254378
Ion Ratio Lower Upper
139 100
109 74.5 59.3 99.3
65 86.0 72.4 112.4



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: 39.608 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 244851

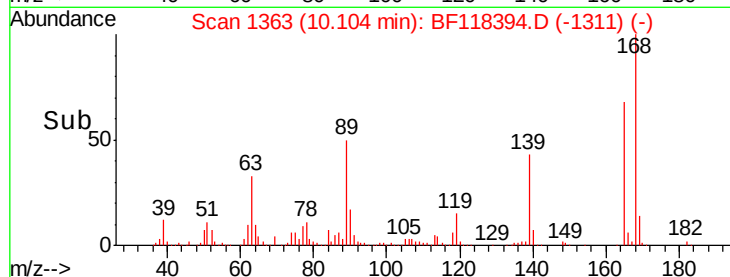
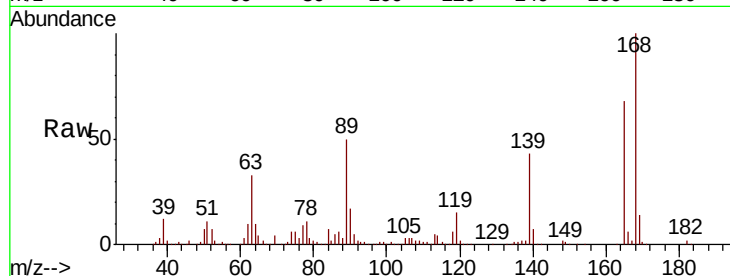
Ion Ratio Lower Upper

165 100

63 48.7 32.0 48.0#

89 72.9 49.3 73.9

182 2.8 2.4 3.6

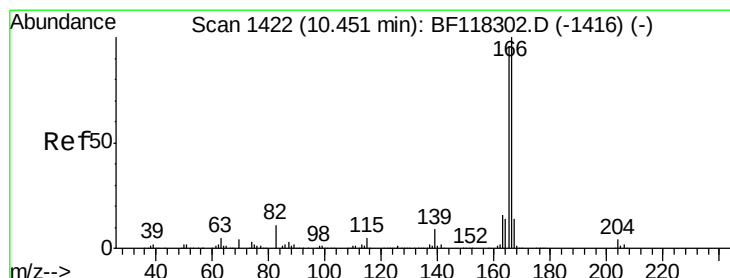
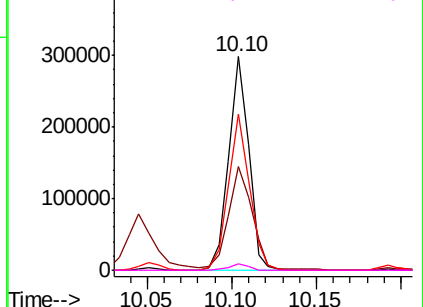


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.973 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

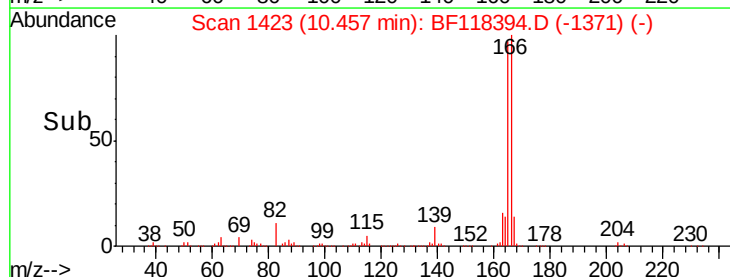
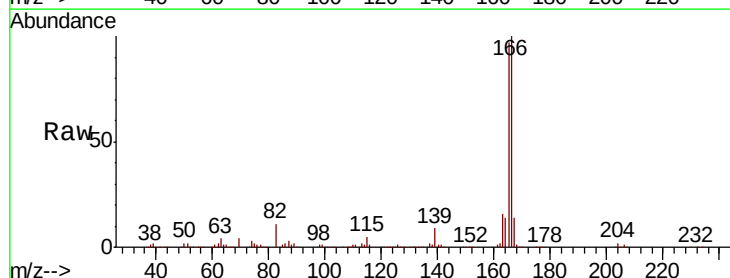
Tgt Ion:166 Resp: 783845

Ion Ratio Lower Upper

166 100

165 97.4 77.0 115.4

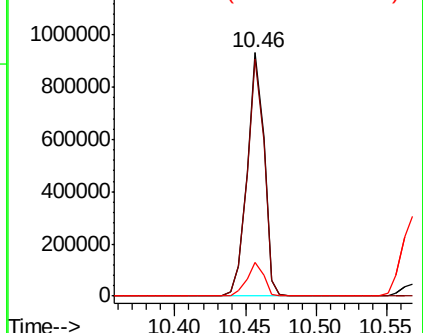
167 13.7 10.9 16.3

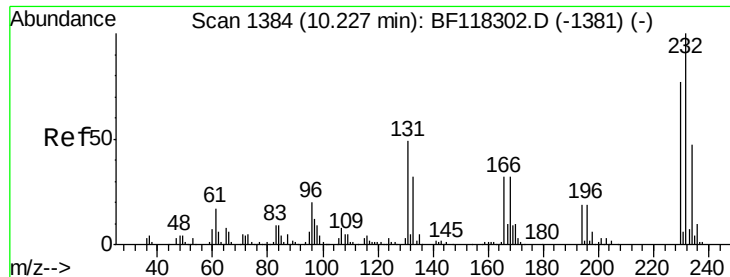


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

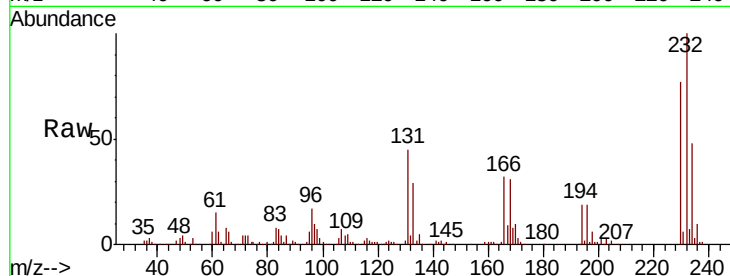




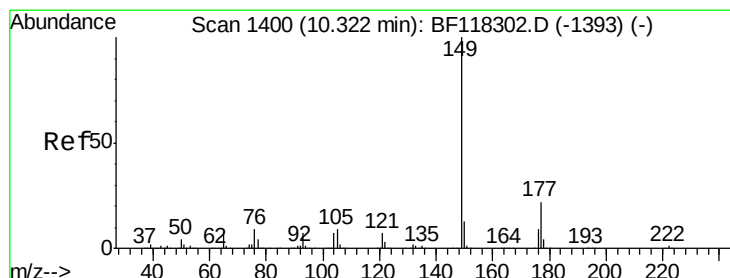
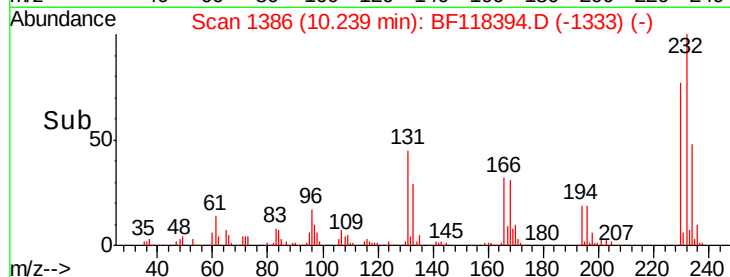
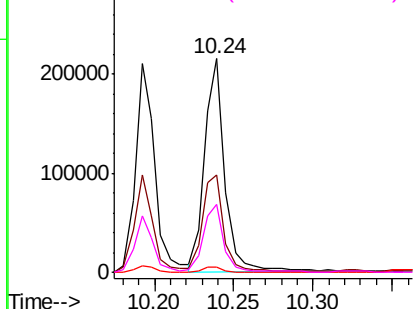
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.368 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 192441
Ion Ratio Lower Upper
232 100
131 48.1 37.7 56.5
130 2.4 2.0 3.0
166 32.7 24.7 37.1

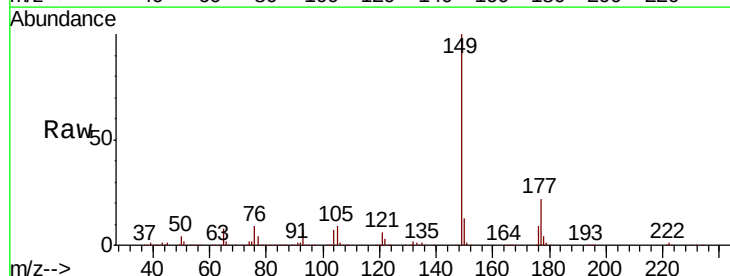


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

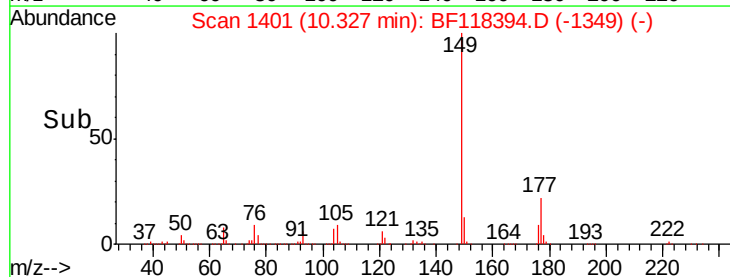
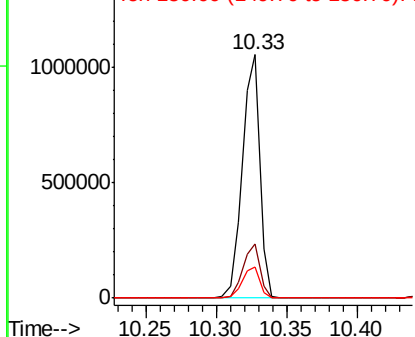


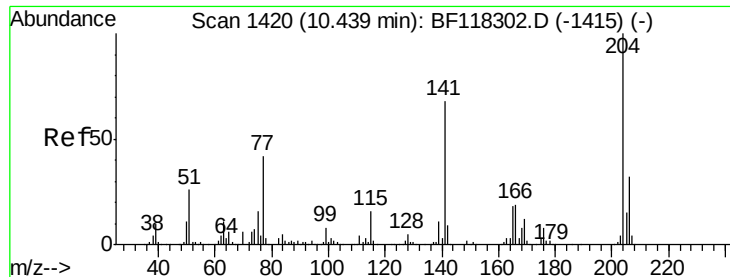
#60
Diethylphthalate
Concen: 42.876 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:149 Resp: 910254
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.7 10.2 15.2



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

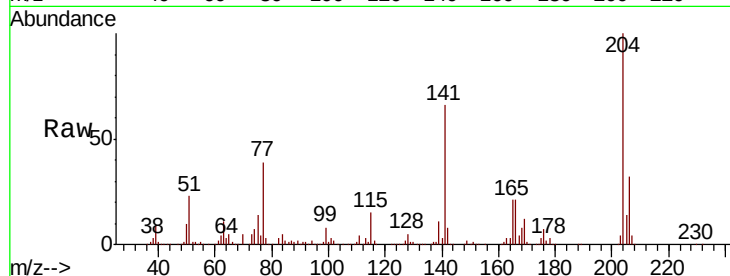




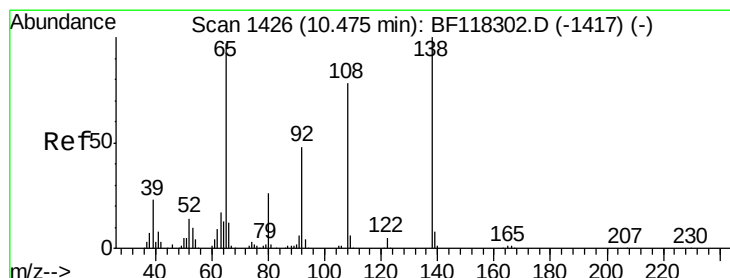
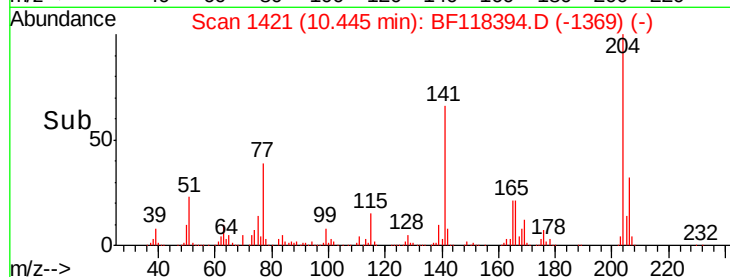
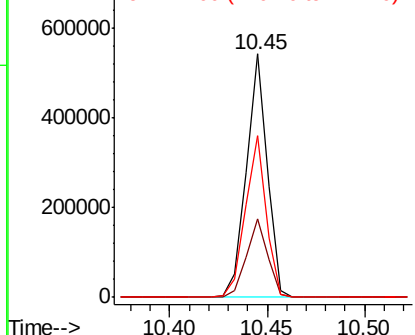
#61
4-Chlorophenyl-phenylether
Concen: 41.192 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 403233
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 66.5 54.2 81.4

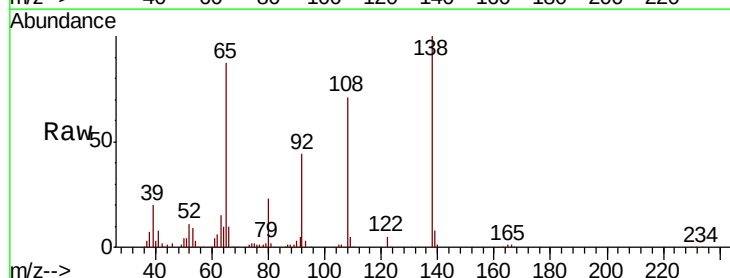


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

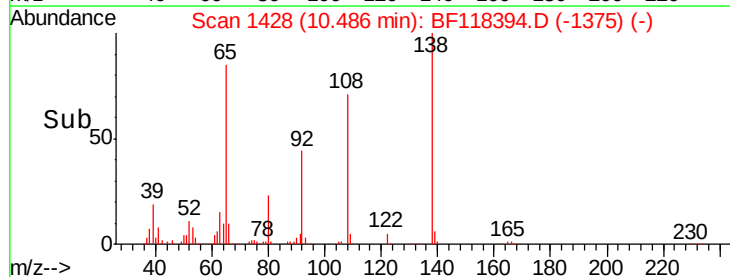
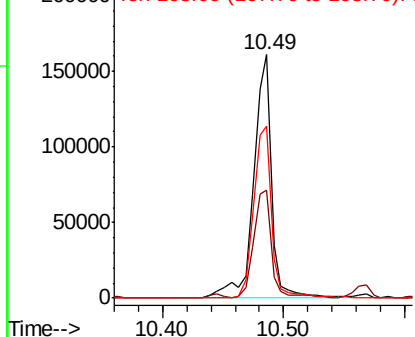


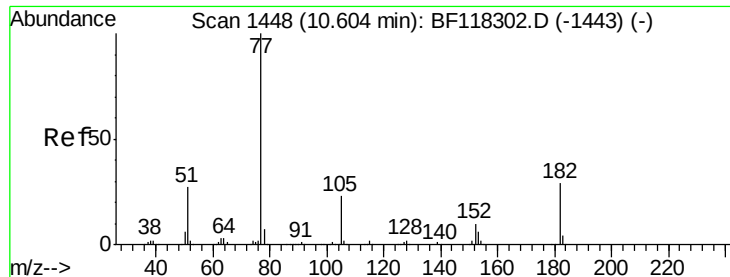
#62
4-Nitroaniline
Concen: 29.642 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:138 Resp: 167211
Ion Ratio Lower Upper
138 100
92 44.4 27.9 67.9
108 70.8 58.1 98.1



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

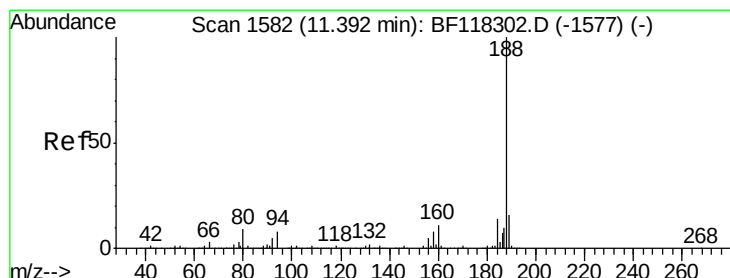
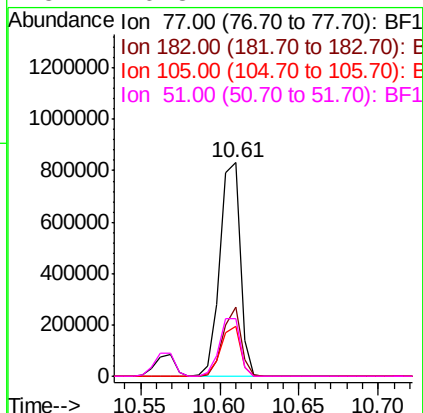
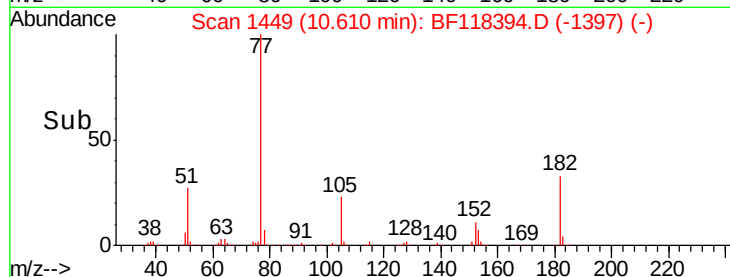
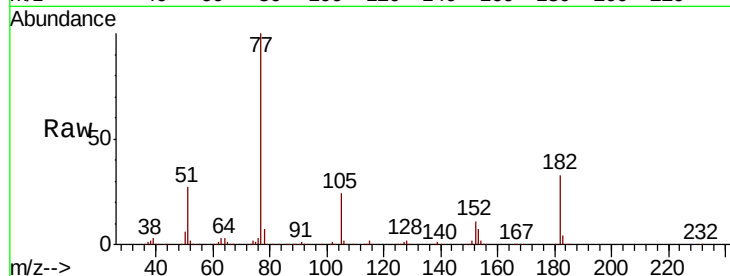




#63
Azobenzene
Concen: 40.727 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

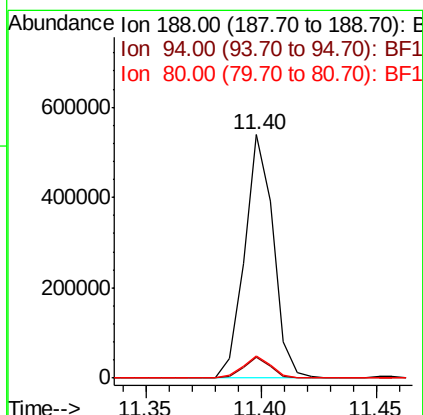
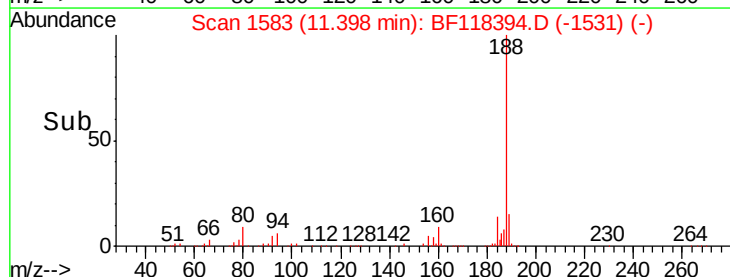
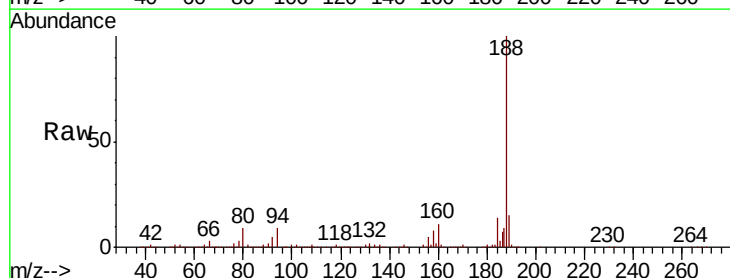
Instrument :
BNA_F
ClientSampleId :

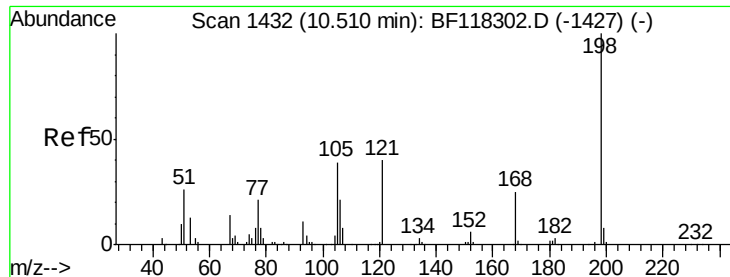
Tot Ion:	77	Resp:	740588
Ion	Ratio	Lower	Upper
77	100		
182	32.6	9.2	49.2
105	23.6	3.2	43.2
51	26.8	7.1	47.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:	188	Resp:	469483
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.3	7.2	10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 14.188 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampled :

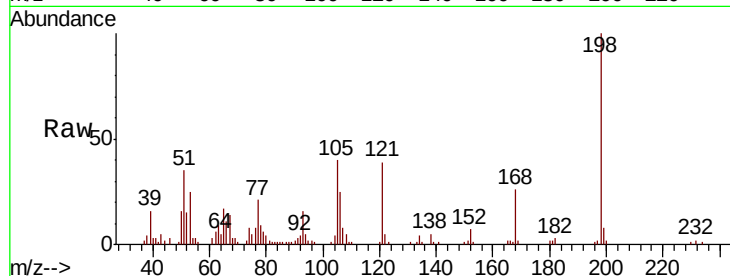
Tot Ion:198 Resp: 35933

Ion Ratio Lower Upper

198 100

51 34.6 12.8 52.8

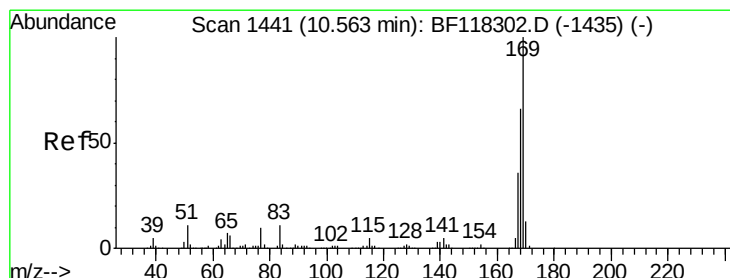
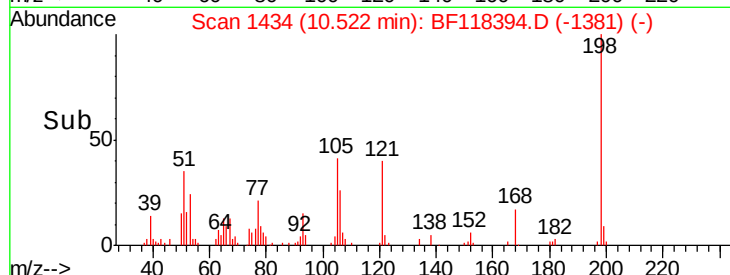
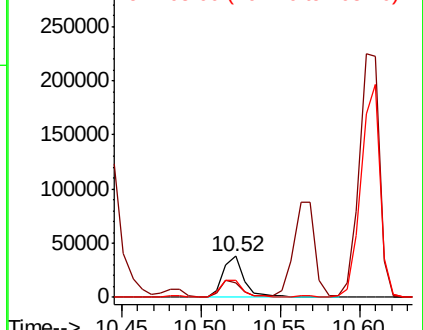
105 39.9 20.3 60.3



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: 47.303 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

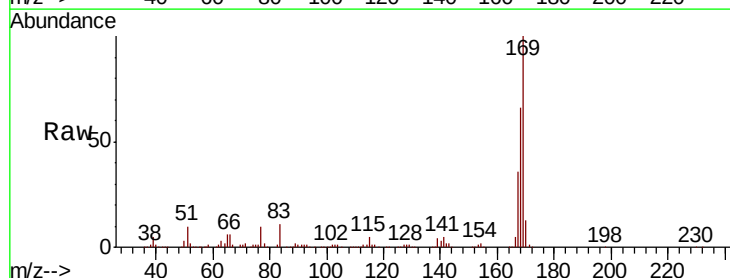
Tgt Ion:169 Resp: 711754

Ion Ratio Lower Upper

169 100

168 66.4 52.6 79.0

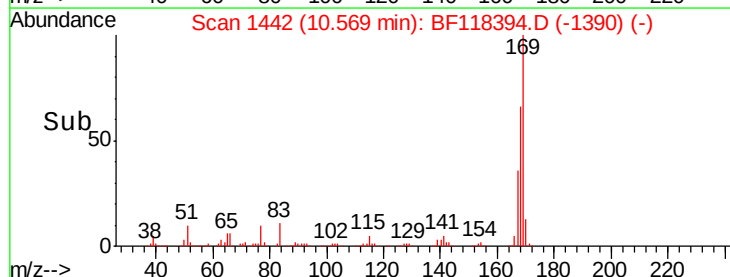
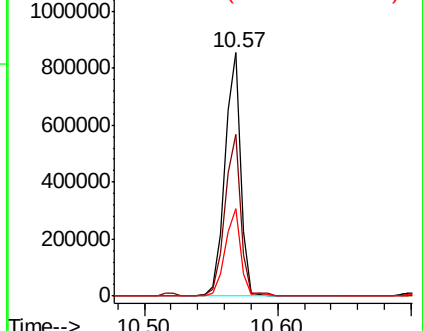
167 35.9 28.4 42.6

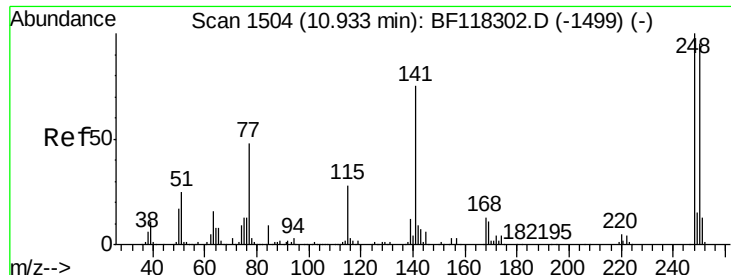


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

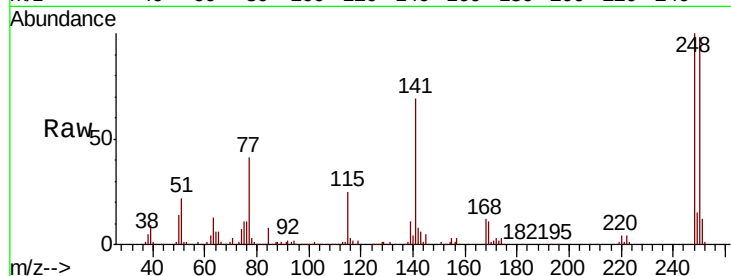




#67
4-Bromophenyl-phenylether
Concen: 44.653 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.4	114.6
141	68.8	60.2	90.2

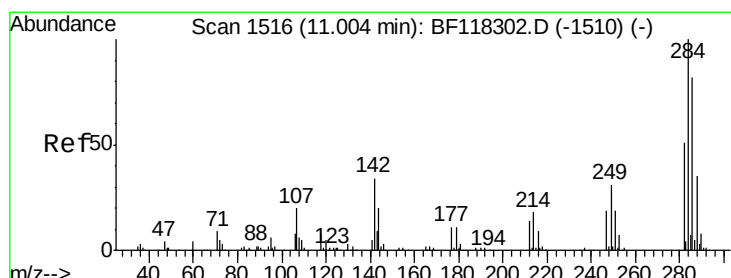
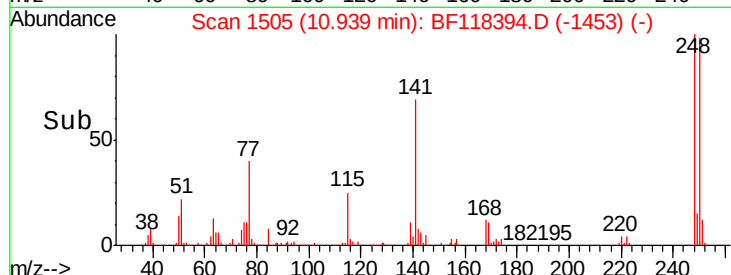
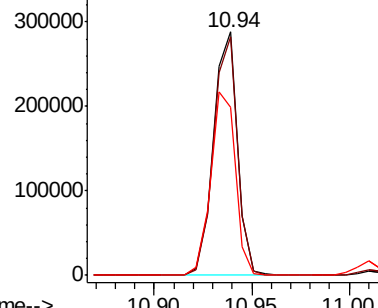


Abundance

Ion 248.00 (247.70 to 248.70): E

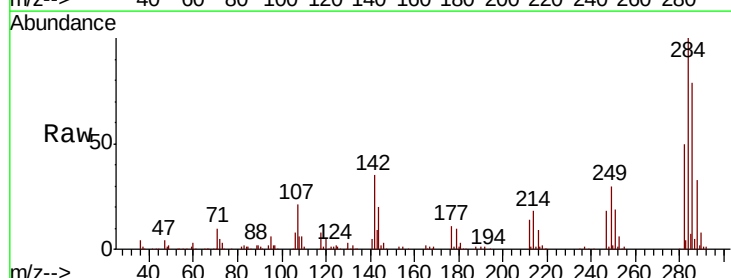
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.323 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.3	40.9
249	29.7	25.0	37.6

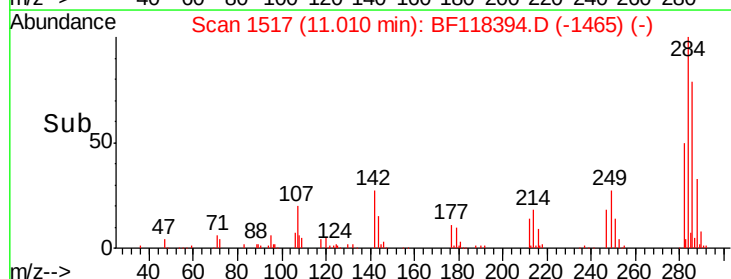
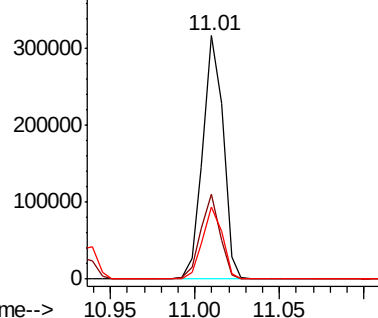


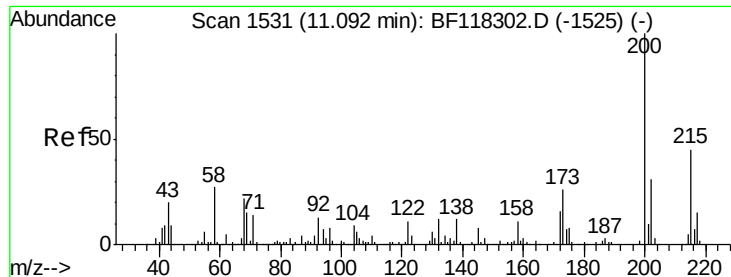
Abundance

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

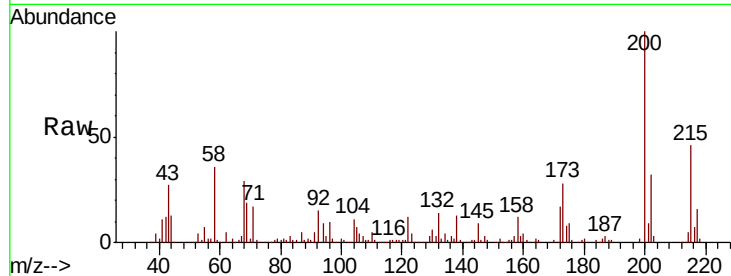




#69
Atrazine
Concen: 51.095 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	5.8	45.8
215	46.4	25.1	65.1

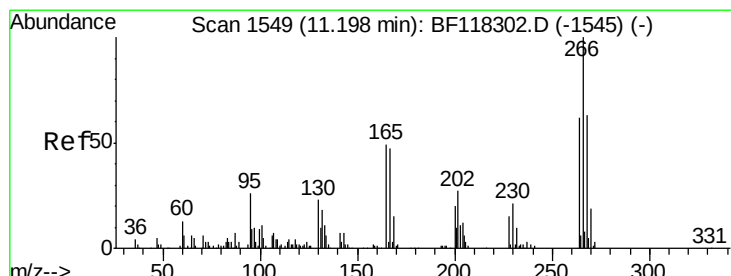
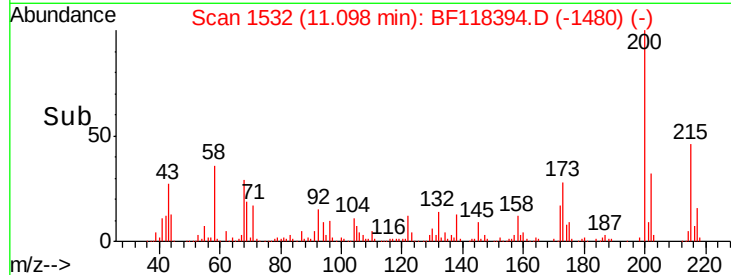
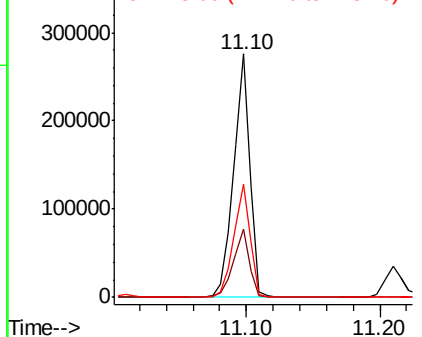


Abundance

Ion 200.00 (199.70 to 200.70): E

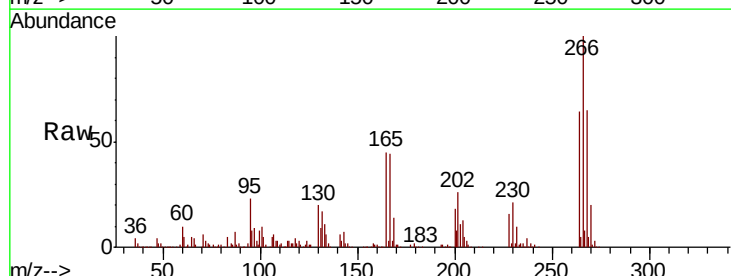
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 75.299 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.6	76.0
264	64.5	49.9	74.9

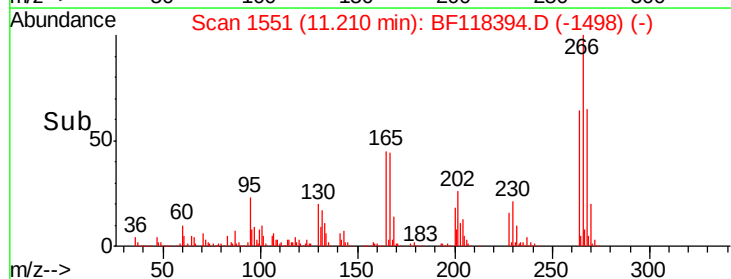
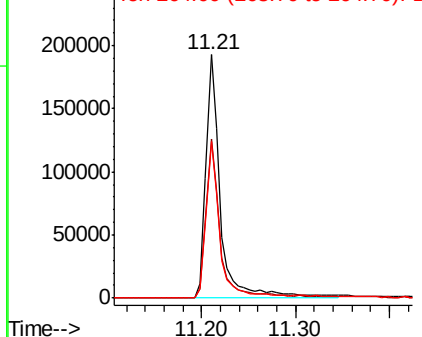


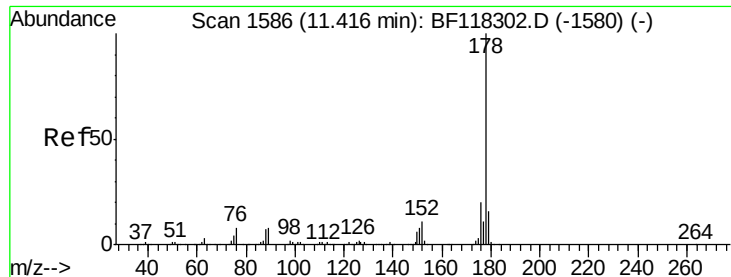
Abundance

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

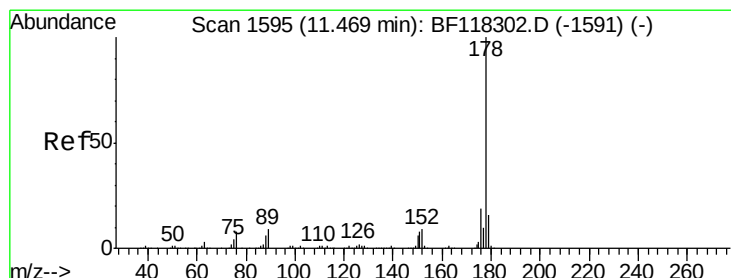
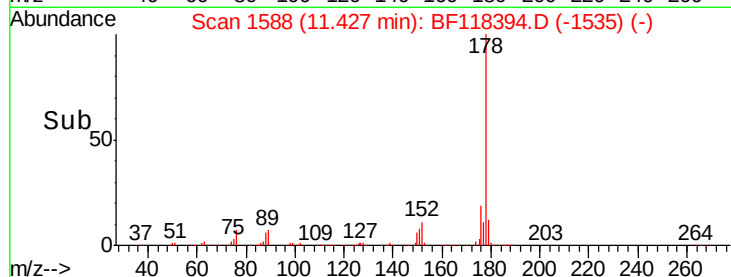
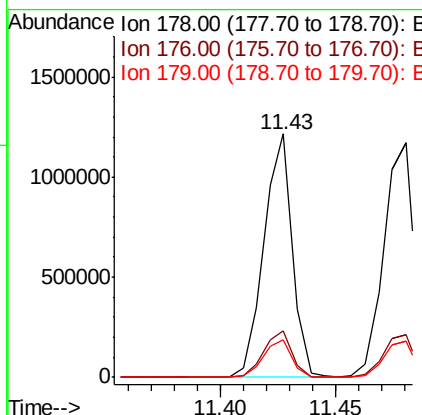
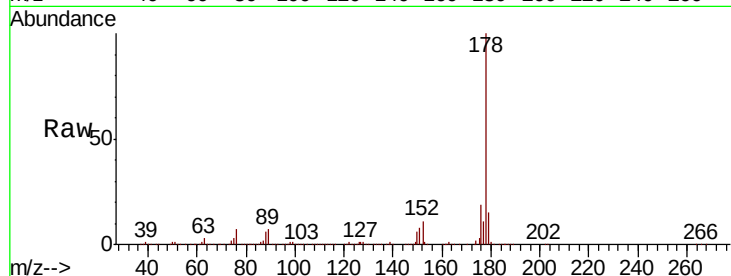




#71
Phenanthrene
Concen: 40.684 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

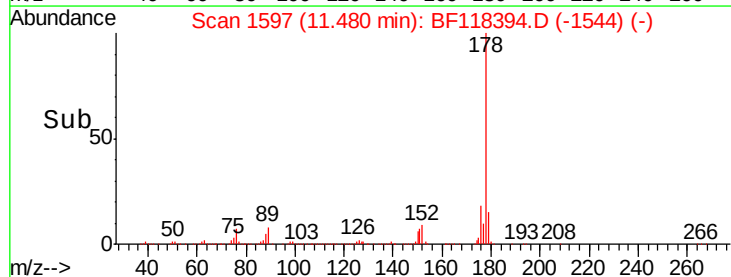
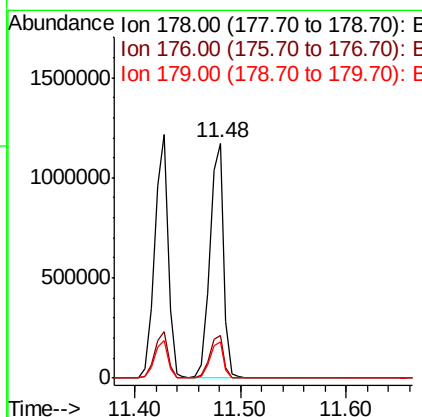
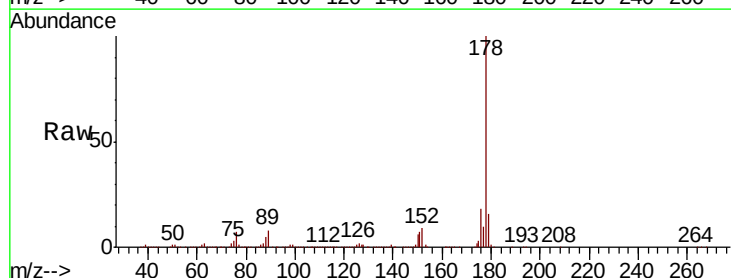
Instrument :
BNA_F
ClientSampleId :

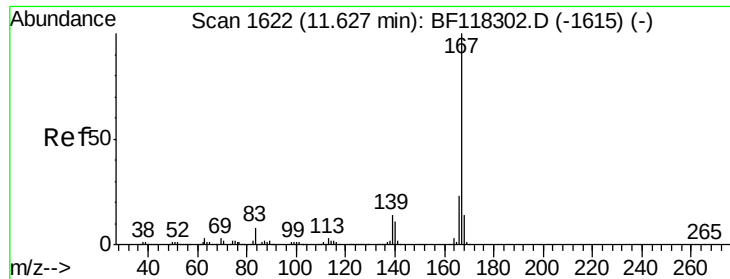
Tot Ion:178 Resp: 1041257
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.3 12.6 19.0



#72
Anthracene
Concen: 41.842 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:178 Resp: 1071898
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 15.5 12.9 19.3





#73

Carbazole

Concen: 39.530 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

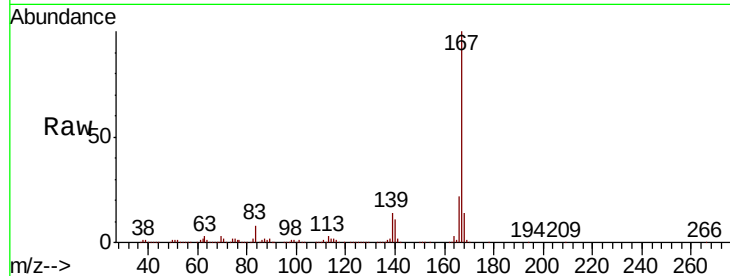
Tot Ion:167 Resp: 898585

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

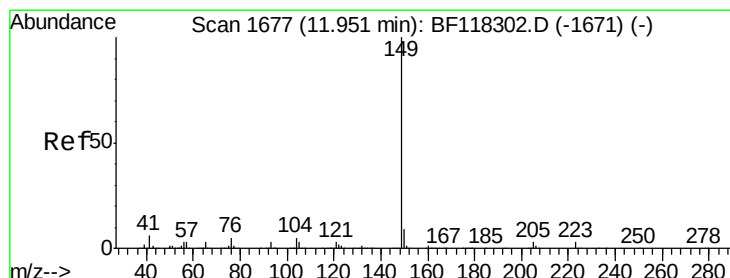
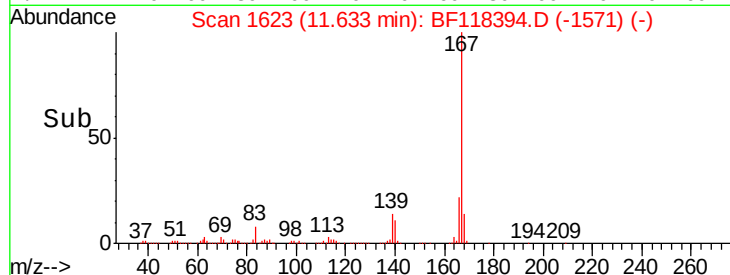
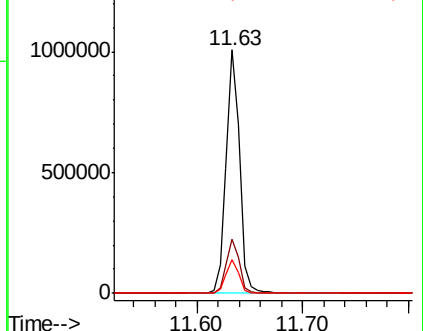
139 13.8 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.800 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

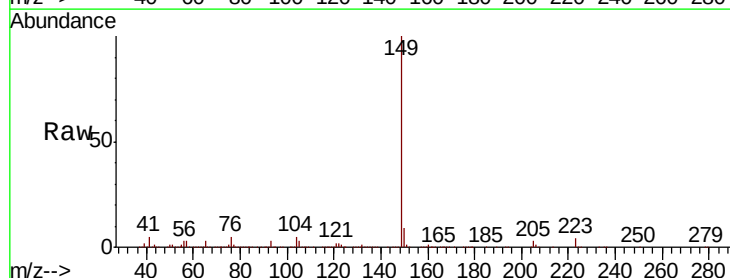
Tgt Ion:149 Resp: 1348908

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

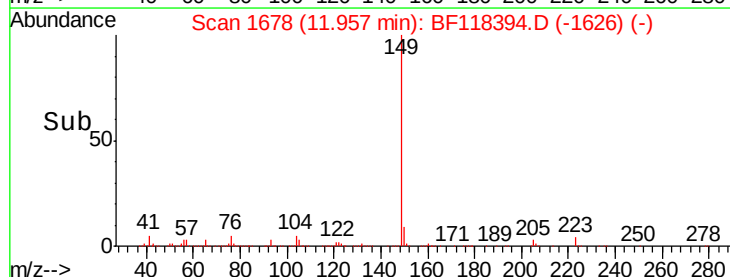
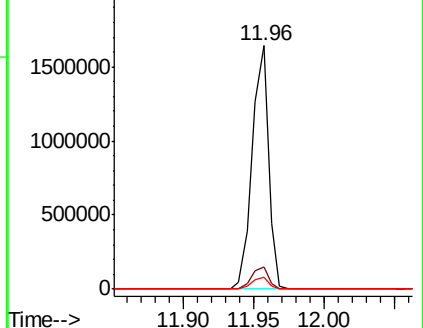
104 4.8 4.0 6.0

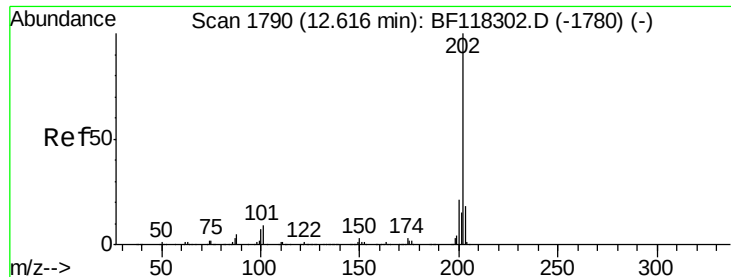


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.045 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF118394.D

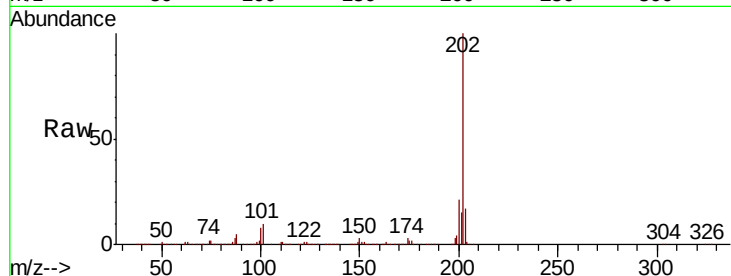
Acq: 30 Dec 2019 21:24

Instrument :

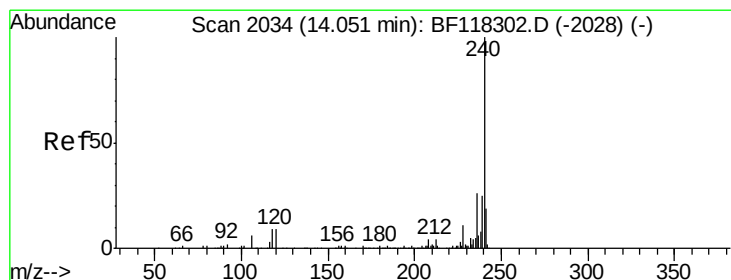
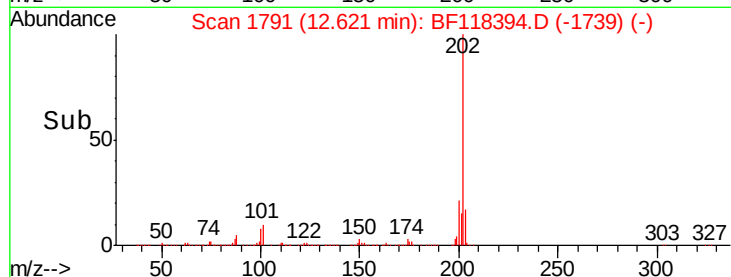
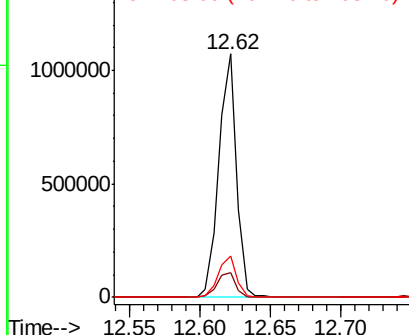
BNA_F

ClientSampled :

Tot Ion:	202	Resp:	931027
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.5
203	17.2	0.0	37.6



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

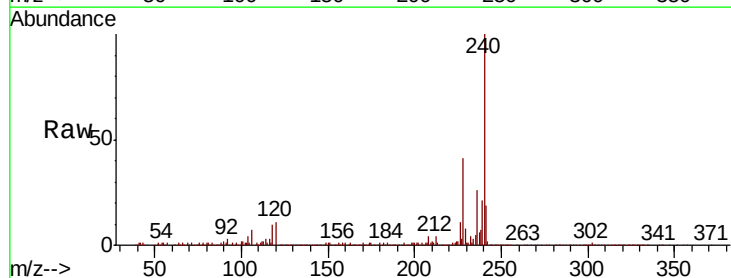
RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

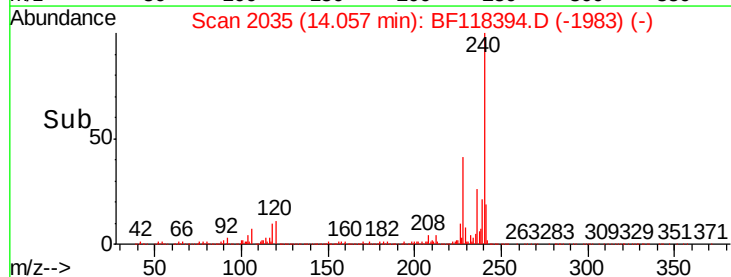
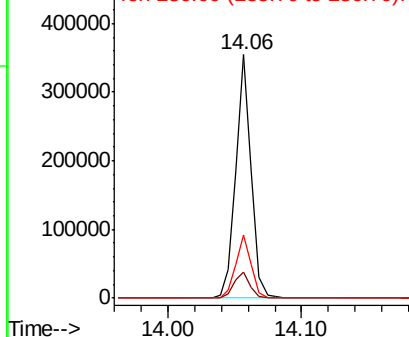
Lab File: BF118394.D

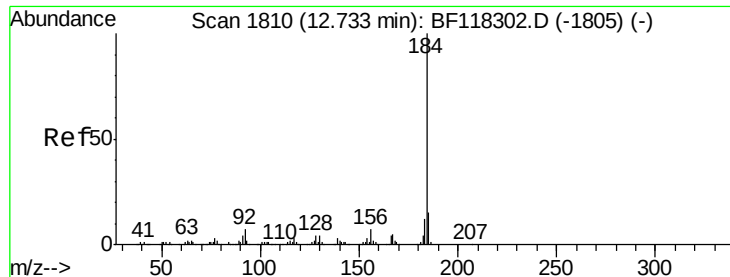
Acq: 30 Dec 2019 21:24

Tgt Ion:	240	Resp:	286975
Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.1	10.7#
236	26.0	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: 97.934 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

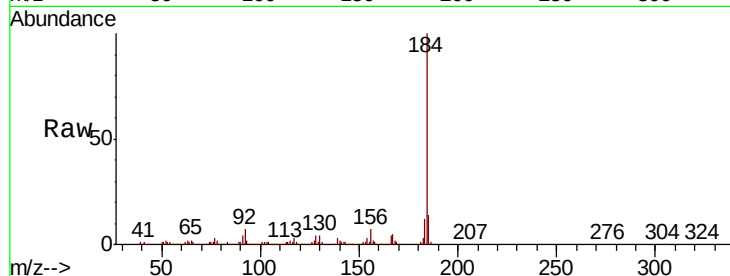
Tot Ion:184 Resp: 770081

Ion Ratio Lower Upper

184 100

185 13.9 12.3 18.5

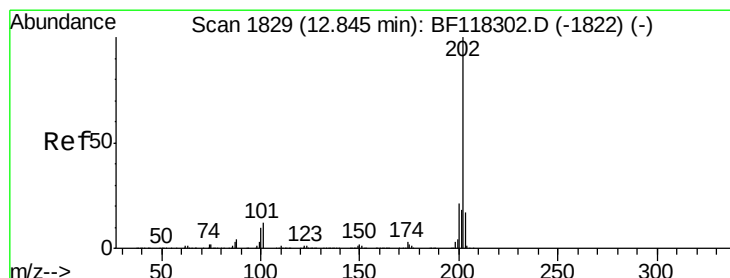
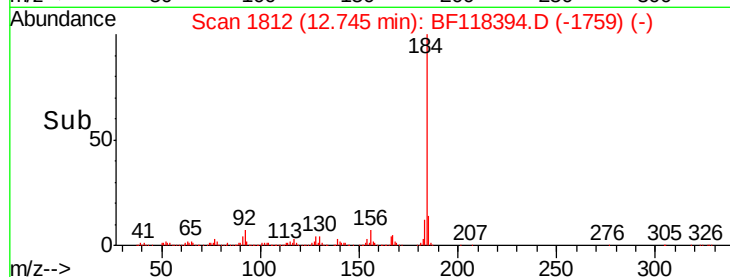
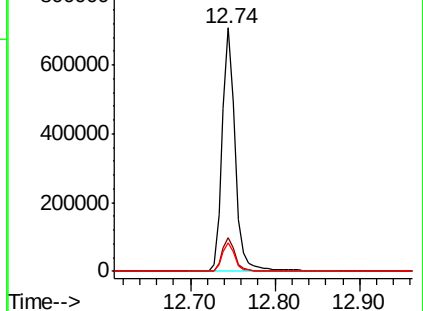
183 11.6 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.025 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

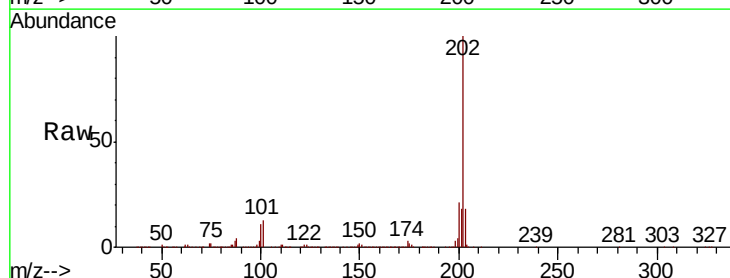
Tgt Ion:202 Resp: 914534

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

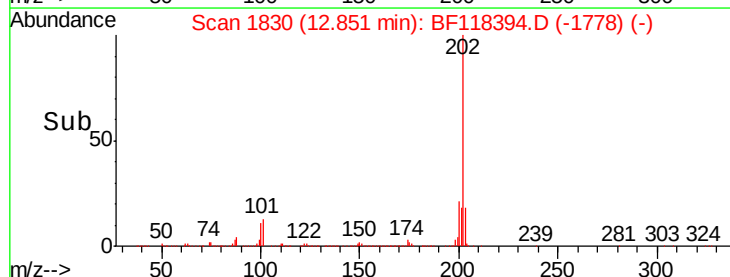
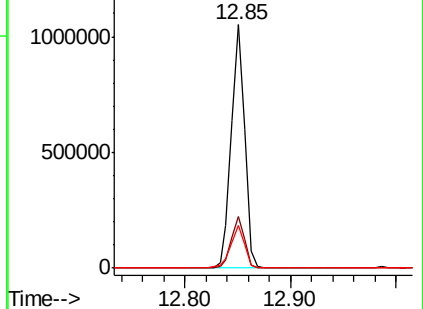
203 17.7 13.9 20.9

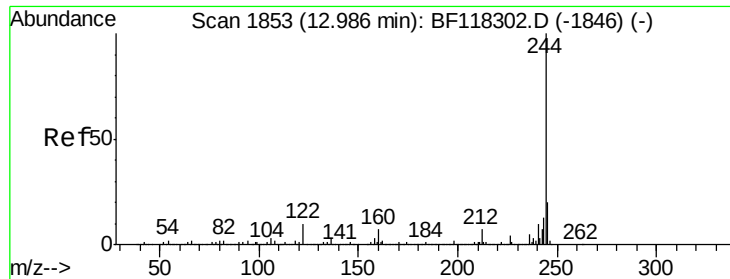


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.847 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

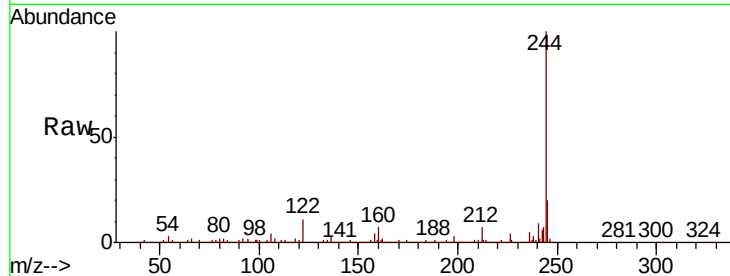
Tot Ion:244 Resp: 1260091

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

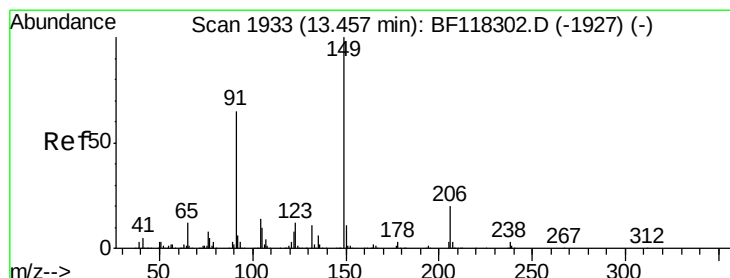
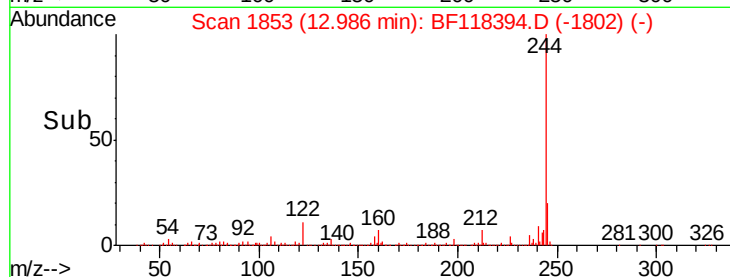
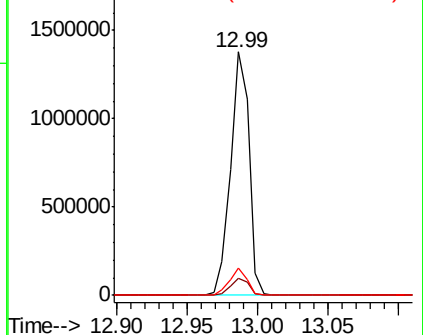
122 11.4 7.8 11.8



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: 44.165 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

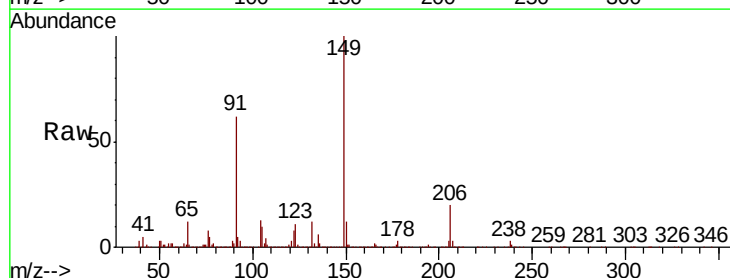
Tgt Ion:149 Resp: 466016

Ion Ratio Lower Upper

149 100

91 61.7 51.8 77.6

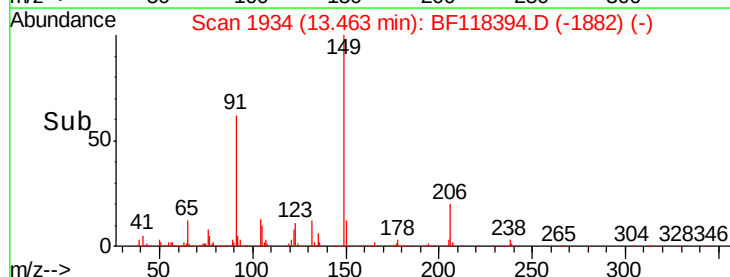
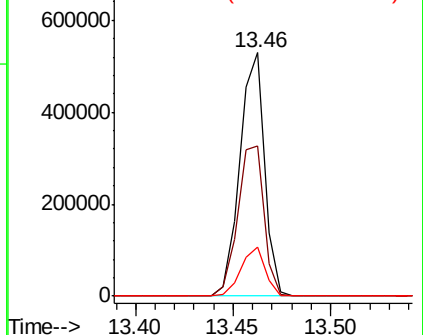
206 19.9 15.7 23.5

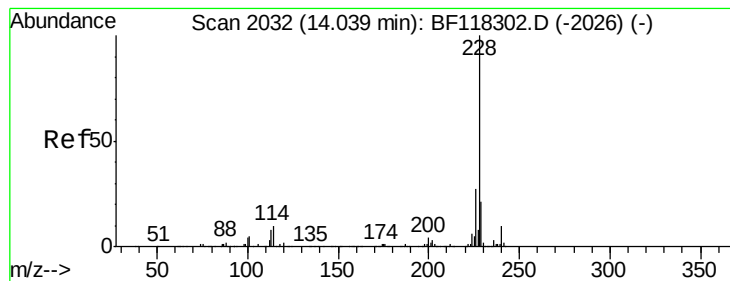


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.637 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

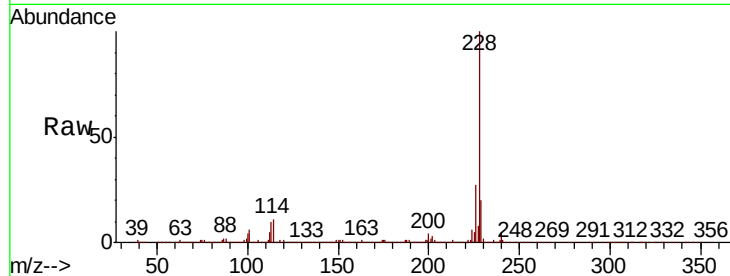
Tot Ion:228 Resp: 836381

Ion Ratio Lower Upper

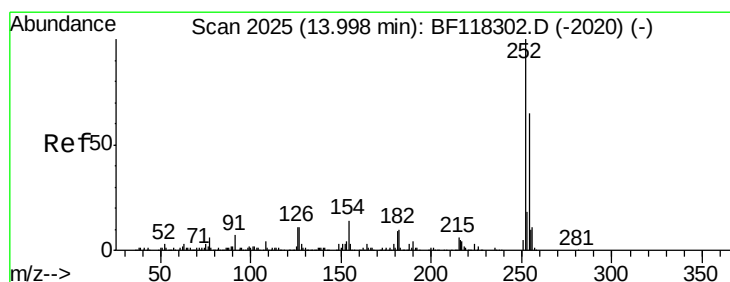
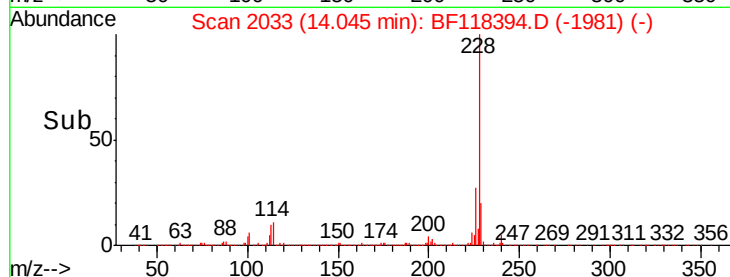
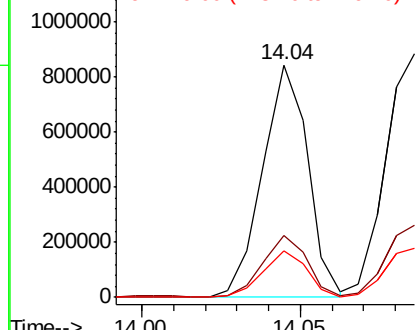
228 100

226 26.6 22.0 33.0

229 20.0 16.6 24.8



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: 48.562 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

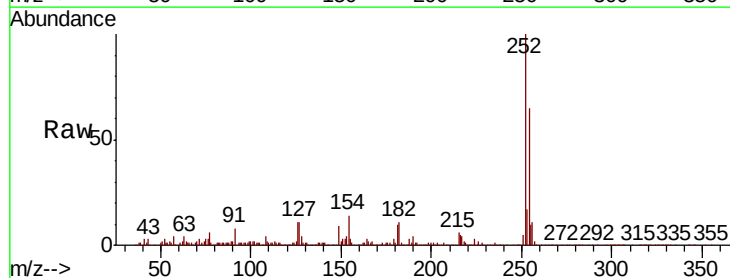
Tgt Ion:252 Resp: 330741

Ion Ratio Lower Upper

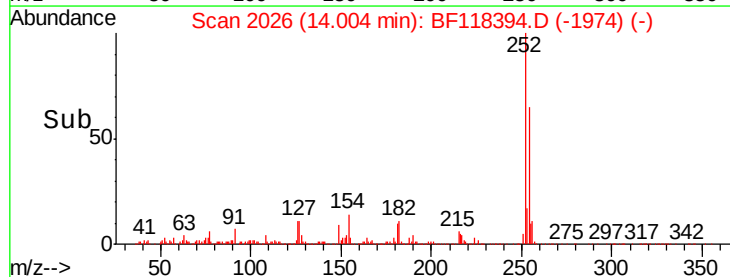
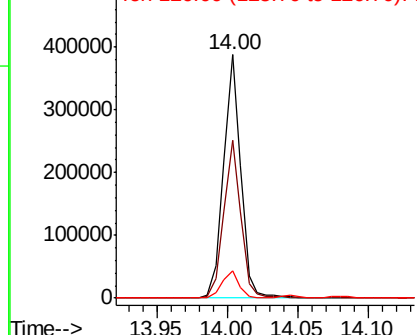
252 100

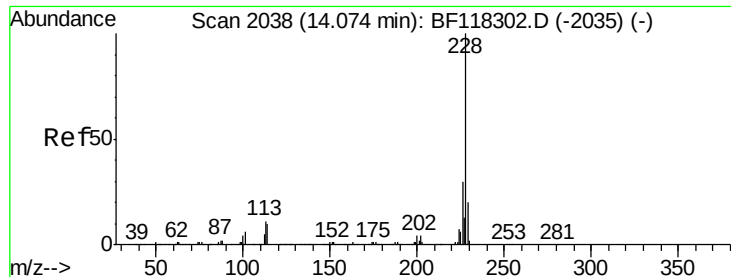
254 65.1 51.8 77.8

126 11.1 8.7 13.1



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

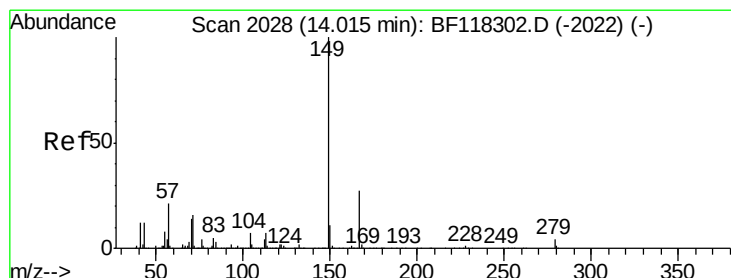
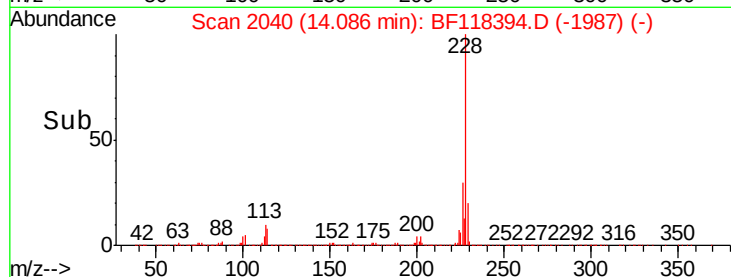
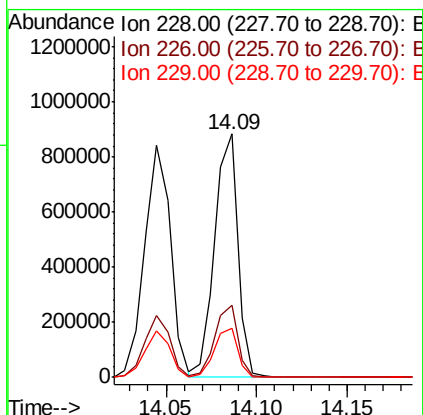
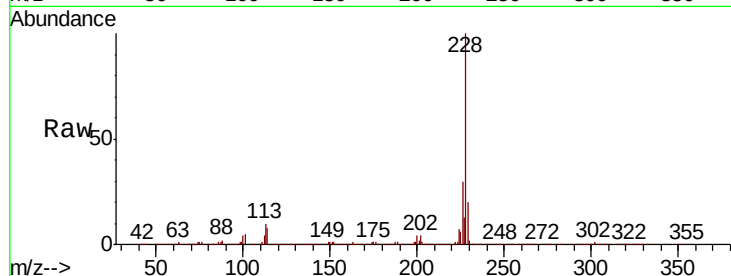




#83
 Chrysene
 Concen: 40.892 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

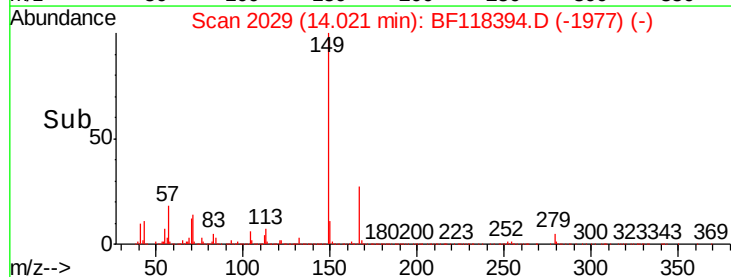
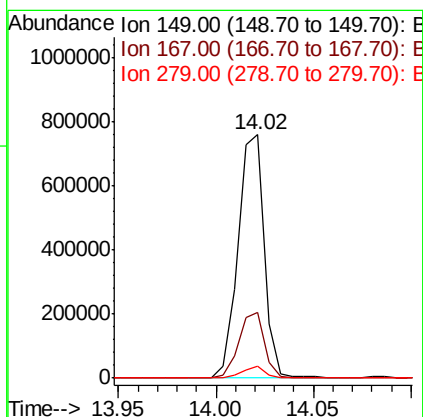
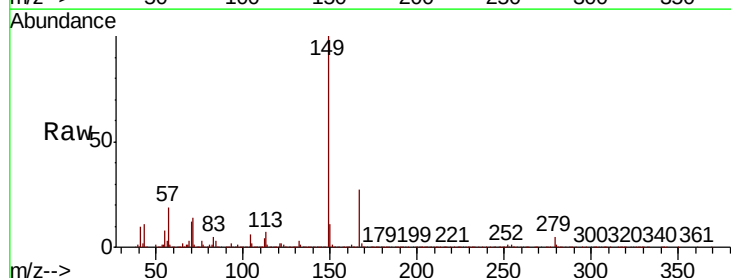
Instrument :
 BNA_F
 ClientSampled :

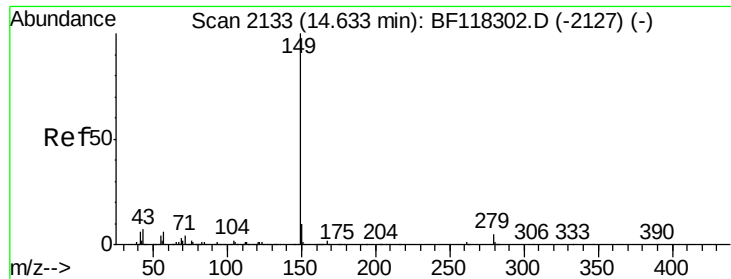
Tot Ion:228 Resp: 786518
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.9 35.9
 229 19.9 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.777 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Tgt Ion:149 Resp: 704516
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 4.8 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 56.049 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

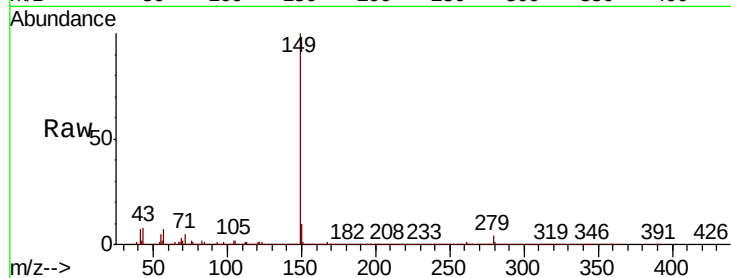
Tot Ion:149 Resp: 1143916

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

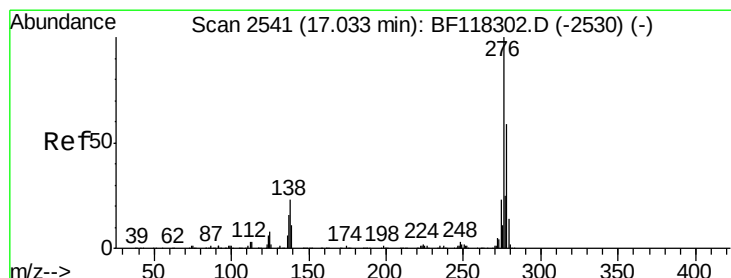
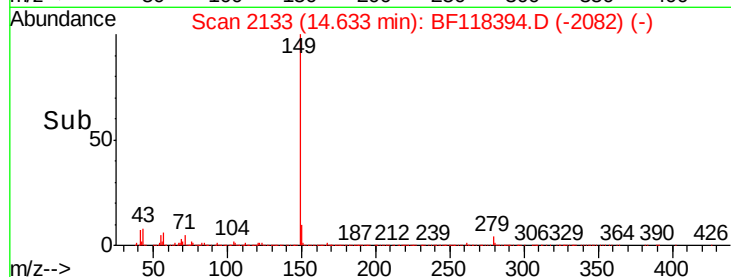
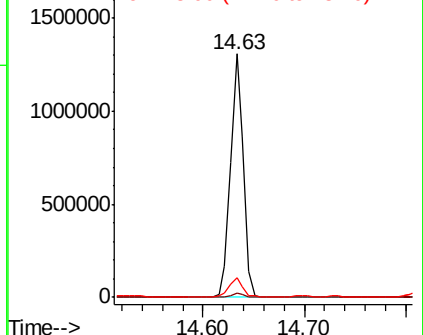
43 7.8 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.207 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

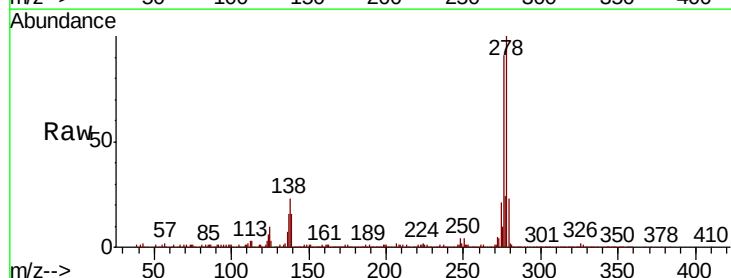
Tgt Ion:276 Resp: 626164

Ion Ratio Lower Upper

276 100

138 24.6 19.5 29.3

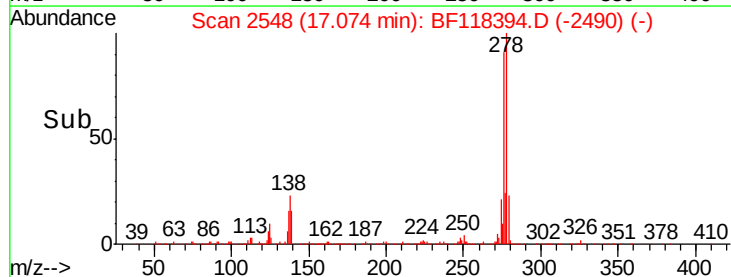
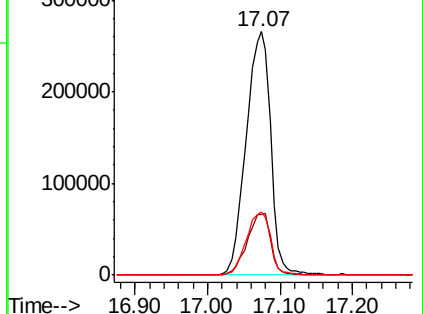
277 25.9 20.6 30.8

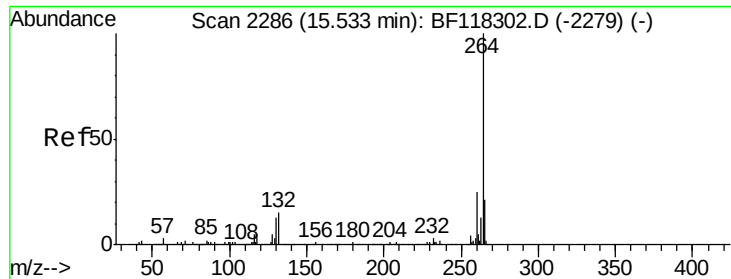


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.55 min Scan# 2289

Delta R.T. 0.02 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

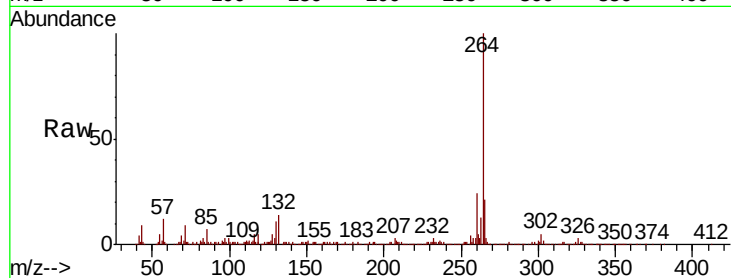
Tot Ion:264 Resp: 274845

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

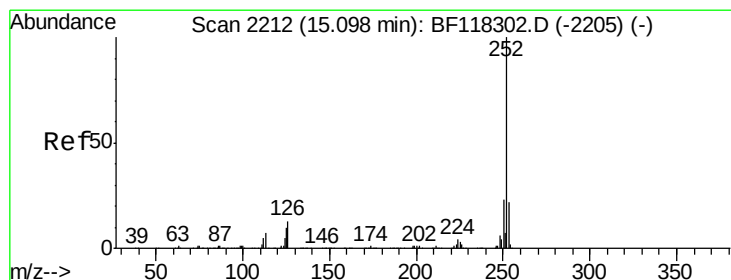
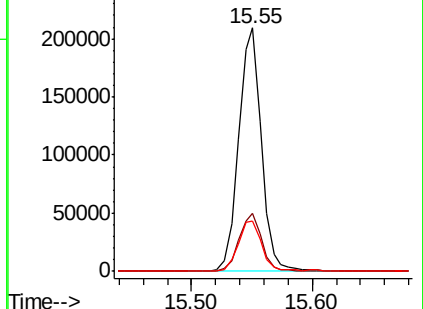
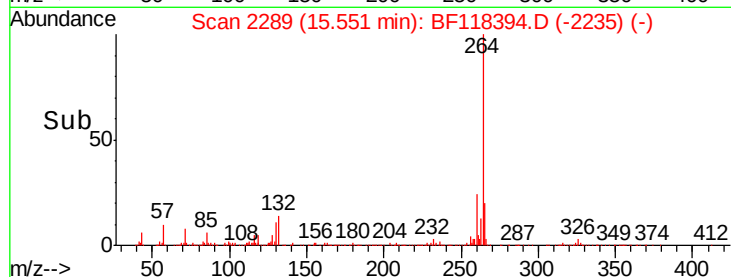
265 20.7 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.455 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

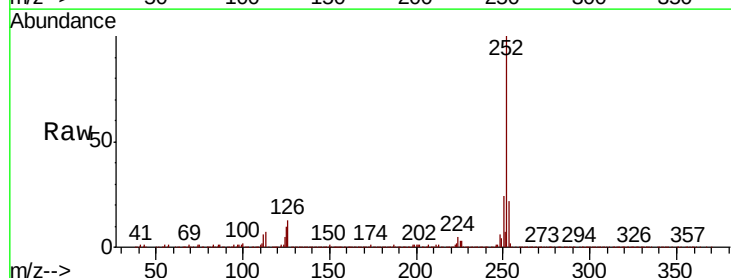
Tgt Ion:252 Resp: 792804

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

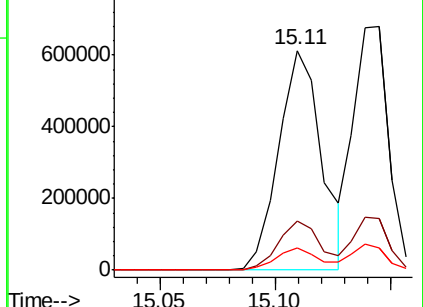
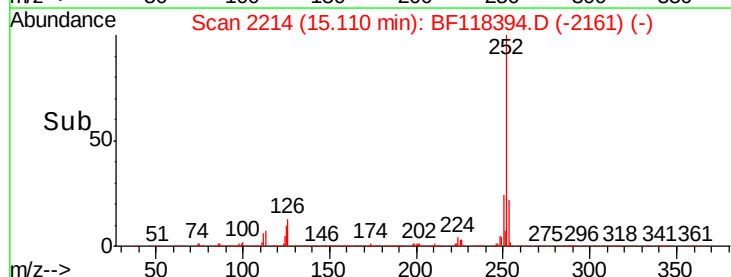
125 10.2 7.7 11.5

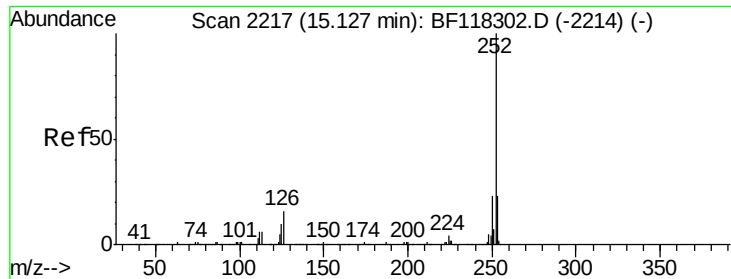


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

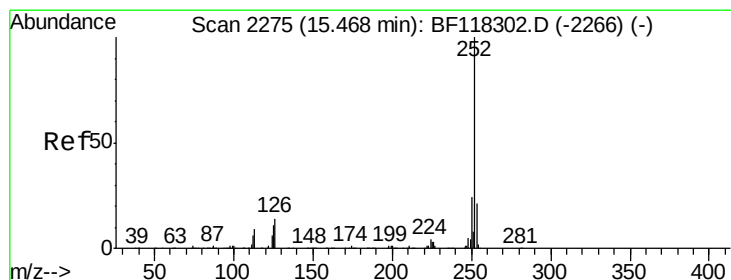
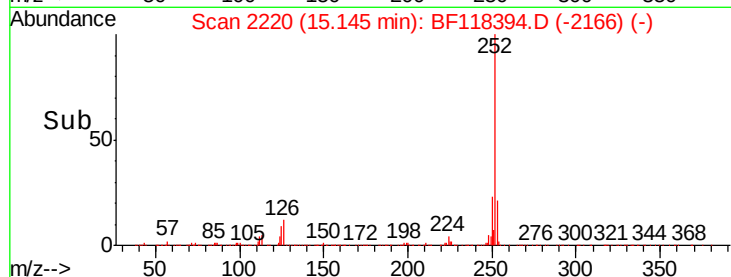
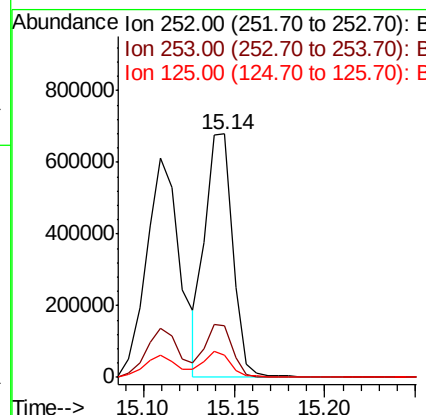
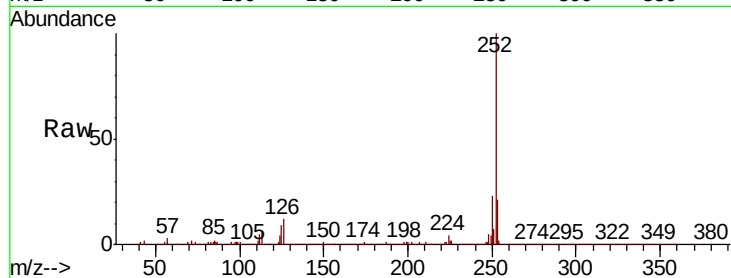




#89
Benzo(k)fluoranthene
Concen: 41.016 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

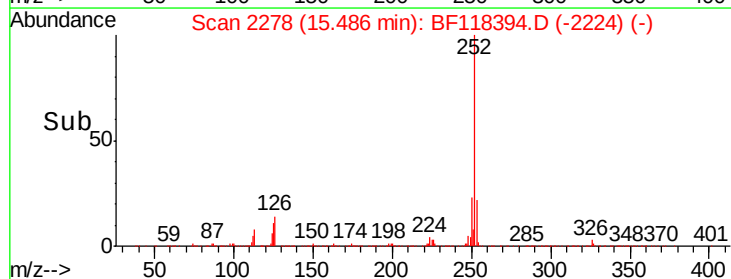
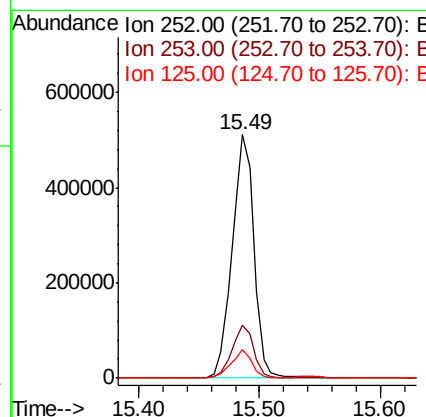
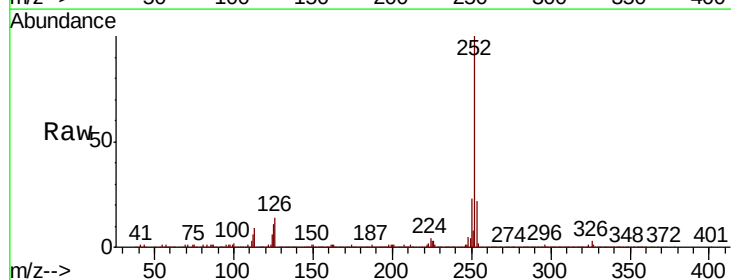
Instrument :
BNA_F
ClientSampleId :

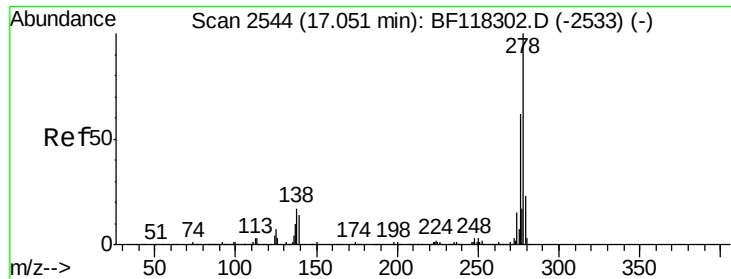
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	9.0	8.0	12.0



#90
Benzo(a)pyrene
Concen: 39.871 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.5	9.0	13.4



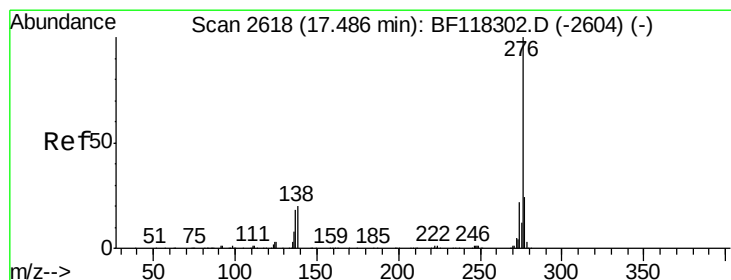
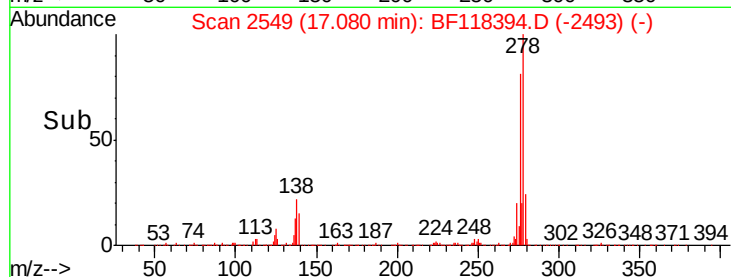
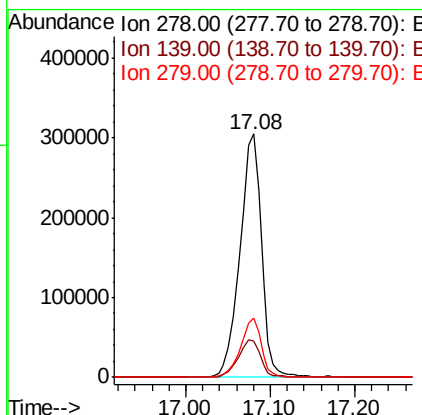
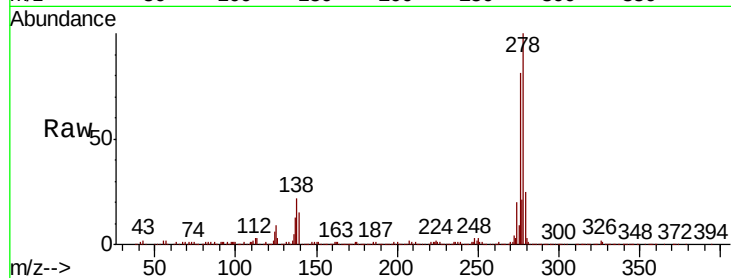


#91
Dibenzo(a,h)anthracene
Concen: 38.422 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 535863

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.5	17.3
279	24.5	18.3	27.5



#92
Benzo(g,h,i)perylene
Concen: 36.006 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.04 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:276 Resp: 485092

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	21.6	16.1	24.1

