

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118275.D
 Acq On : 19 Dec 2019 13:05
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:10:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	175965	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	665420	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	354239	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	657838	20.00	ng	0.00
76) Chrysene-d12	14.06	240	395909	20.00	ng	-0.01
87) Perylene-d12	15.54	264	330932	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	792636	78.89	ng	0.00
7) Phenol-d6	6.50	99	952024	78.34	ng	0.00
23) Nitrobenzene-d5	7.43	82	896911	75.83	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	326280	75.82	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1798252	77.24	ng	0.00
79) Terphenyl-d14	13.00	244	1953528	84.85	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	160592	37.909	ng	99
3) Pyridine	3.35	79	414679	37.942	ng	99
4) n-Nitrosodimethylamine	3.32	42	179202	38.114	ng	95
6) Aniline	6.53	93	597480	38.437	ng	100
8) 2-Chlorophenol	6.65	128	440846	38.915	ng	99
9) Benzaldehyde	6.41	77	239974	37.207	ng	98
10) Phenol	6.52	94	531258	38.335	ng	86
11) bis(2-Chloroethyl)ether	6.60	93	379707	37.884	ng	97
12) 1,3-Dichlorobenzene	6.80	146	511329	38.638	ng	98
13) 1,4-Dichlorobenzene	6.88	146	520563	39.064	ng	97
14) 1,2-Dichlorobenzene	7.03	146	483616	38.645	ng	96
15) Benzyl Alcohol	7.01	79	363996	38.373	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	453772	37.654	ng	94
17) 2-Methylphenol	7.12	107	348828	38.715	ng	99
18) Hexachloroethane	7.37	117	190115	38.718	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	286484	38.797	ng	97
20) 3+4-Methylphenols	7.27	107	440748	38.944	ng	88
22) Acetophenone	7.28	105	613183	38.356	ng	# 95
24) Nitrobenzene	7.45	77	439694	37.836	ng	98
25) Isophorone	7.69	82	764778	38.142	ng	100
26) 2-Nitrophenol	7.77	139	241507	38.882	ng	98
27) 2,4-Dimethylphenol	7.80	122	315860	38.124	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	509266	38.869	ng	99
29) 2,4-Dichlorophenol	8.01	162	373885	38.710	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	431476	38.226	ng	98
31) Naphthalene	8.17	128	1285652	38.471	ng	99
32) Benzoic acid	7.96	122	271023	36.230	ng	98
33) 4-Chloroaniline	8.22	127	550534	38.152	ng	98
34) Hexachlorobutadiene	8.29	225	259764	38.378	ng	97
35) Caprolactam	8.61	113	115174	38.667	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	389303	38.301	ng	99
37) 2-Methylnaphthalene	8.87	142	877370	38.779	ng	99
38) 1-Methylnaphthalene	8.97	142	819223	38.564	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	410299	38.234	ng	99

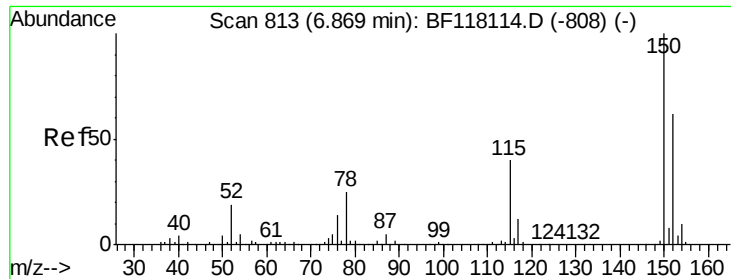
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
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 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	187042	38.902	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	271503	37.893	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	279688	37.677	ng	96
46) 1,1'-Biphenyl	9.33	154	1081738	38.719	ng	99
47) 2-Chloronaphthalene	9.36	162	862346	38.371	ng	96
48) 2-Nitroaniline	9.46	65	247714	38.651	ng	100
49) Acenaphthylene	9.77	152	1271838	38.369	ng	100
50) Dimethylphthalate	9.63	163	1011720	38.666	ng	98
51) 2,6-Dinitrotoluene	9.70	165	219599	38.597	ng	94
52) Acenaphthene	9.95	154	768061	37.962	ng	98
53) 3-Nitroaniline	9.87	138	247438	36.955	ng	99
54) 2,4-Dinitrophenol	9.99	184	119569	42.241	ng	# 88
55) Dibenzofuran	10.12	168	1126475	37.998	ng	98
56) 4-Nitrophenol	10.04	139	156678	33.718	ng	97
57) 2,4-Dinitrotoluene	10.11	165	290511	38.255	ng	97
58) Fluorene	10.46	166	908694	38.571	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	234770	38.334	ng	98
60) Diethylphthalate	10.33	149	996985	38.673	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	455115	38.394	ng	96
62) 4-Nitroaniline	10.49	138	265733	38.052	ng	98
63) Azobenzene	10.62	77	849336	38.593	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	138368	38.087	ng	99
66) n-Nitrosodiphenylamine	10.57	169	798125	38.851	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	289528	38.556	ng	93
68) Hexachlorobenzene	11.02	284	340306	38.502	ng	98
69) Atrazine	11.10	200	237115	42.432	ng	98
70) Pentachlorophenol	11.21	266	143028	34.410	ng	97
71) Phenanthrene	11.43	178	1334606	38.164	ng	100
72) Anthracene	11.49	178	1340207	38.418	ng	99
73) Carbazole	11.64	167	1182092	37.767	ng	99
74) Di-n-butylphthalate	11.96	149	1519937	38.802	ng	99
75) Fluoranthene	12.63	202	1312683	36.715	ng	99
77) Benzidine	12.75	184	361156	34.652	ng	98
78) Pyrene	12.86	202	1316824	42.207	ng	99
80) Butylbenzylphthalate	13.47	149	580627	41.093	ng	96
81) Benzo(a)anthracene	14.05	228	1034090	37.774	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	342342	38.077	ng	99
83) Chrysene	14.09	228	999704	38.229	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	740769	39.759	ng	# 97
85) Di-n-octyl phthalate	14.64	149	1046943	37.095	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	873471	39.698	ng	99
88) Benzo(b)fluoranthene	15.11	252	798307	36.474	ng	98
89) Benzo(k)fluoranthene	15.14	252	832002	39.570	ng	# 97
90) Benzo(a)pyrene	15.49	252	733116	37.926	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	713217	43.018	ng	99
92) Benzo(g,h,i)perylene	17.52	276	710526	44.597	ng	97

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

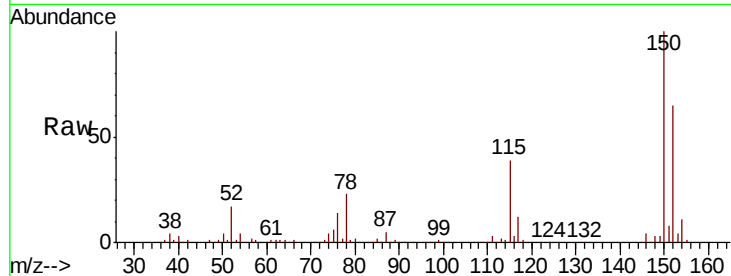


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	128.3	192.5
115	59.5	51.1	76.7

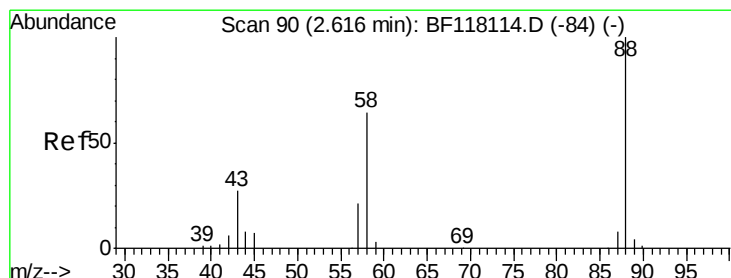
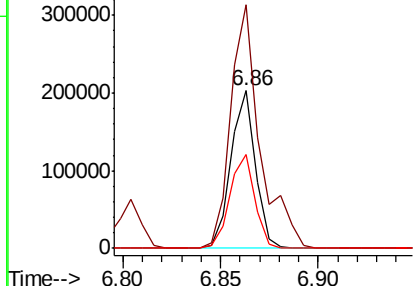
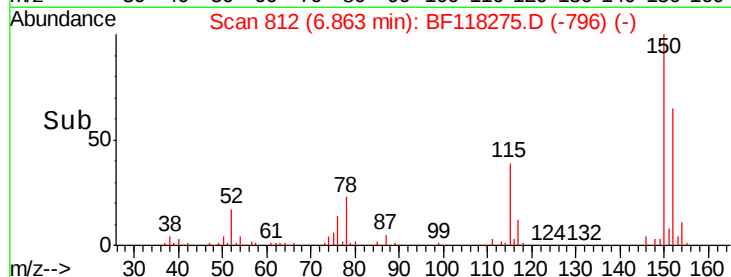


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

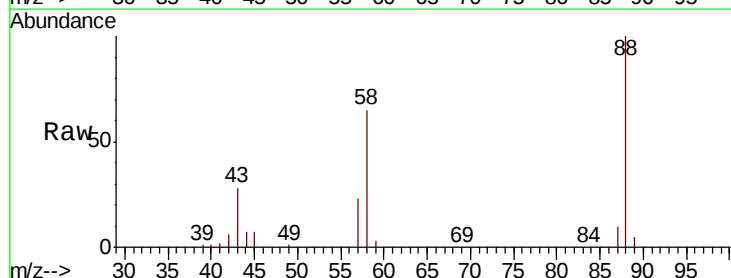
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.909 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.02 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.6	52.2	78.4
43	27.2	21.4	32.2

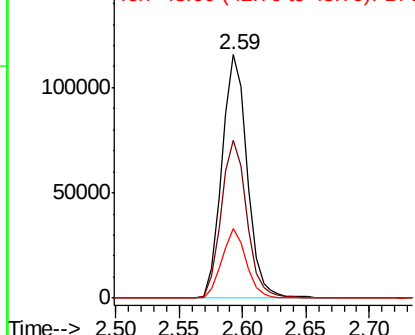
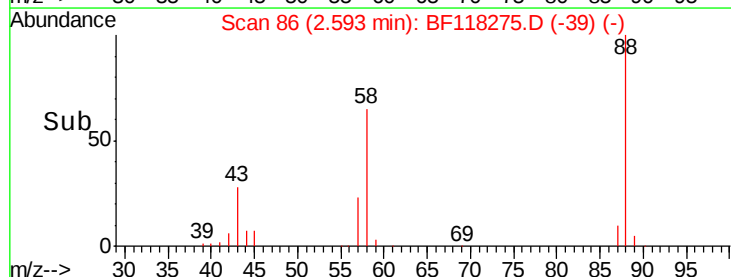


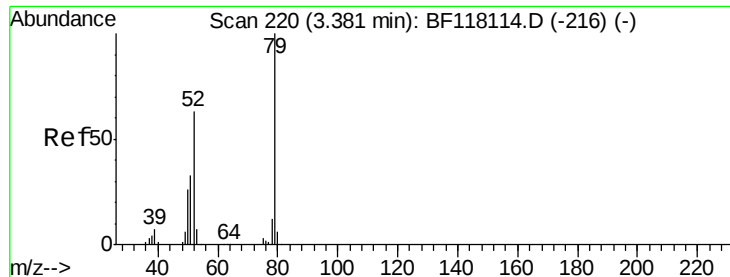
Abundance

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: 37.942 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.03 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampleId :

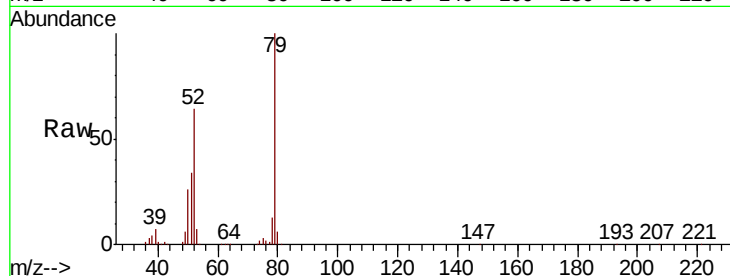
Tot Ion: 79 Resp: 414679

Ion Ratio Lower Upper

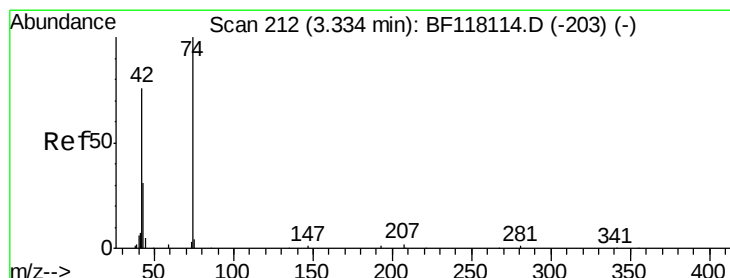
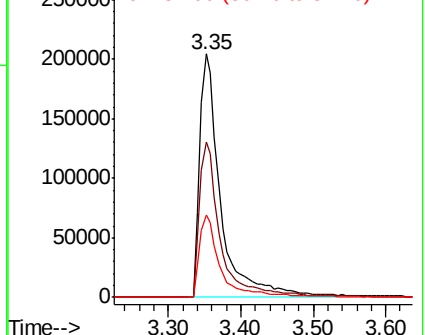
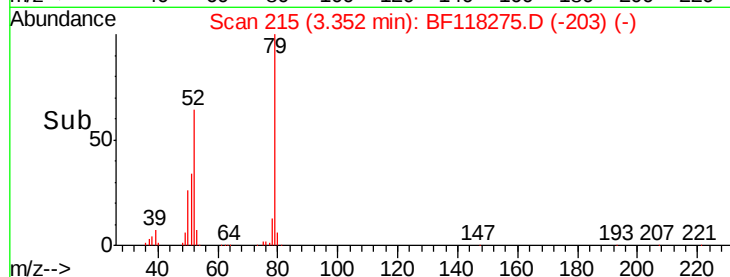
79 100

52 64.0 50.7 76.1

51 33.6 26.4 39.6



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: 38.114 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

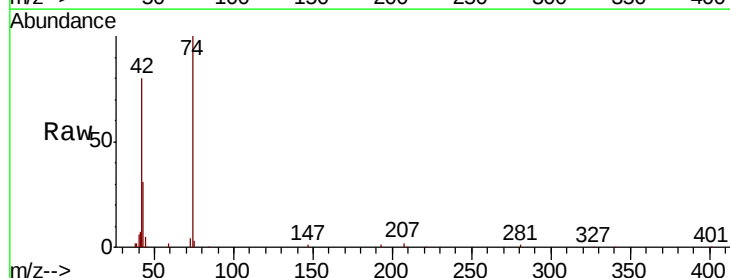
Tgt Ion: 42 Resp: 179202

Ion Ratio Lower Upper

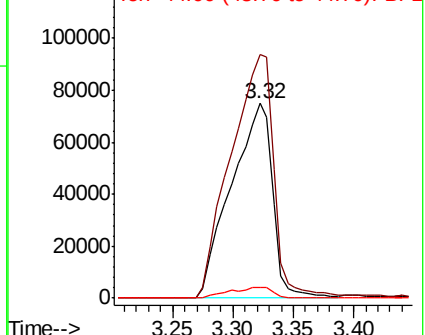
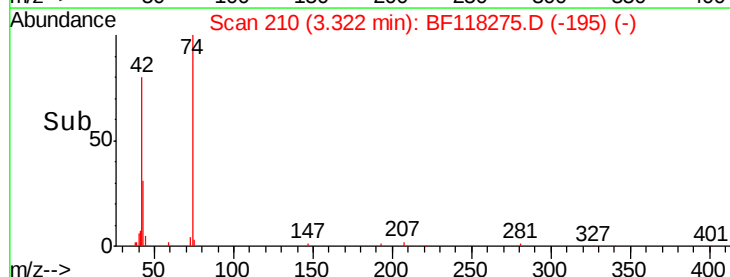
42 100

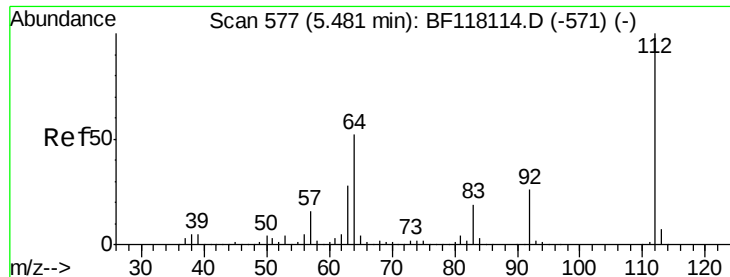
74 125.2 104.6 157.0

44 5.7 5.1 7.7



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





#5

2-Fluorophenol

Concen: 78.895 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampleId :

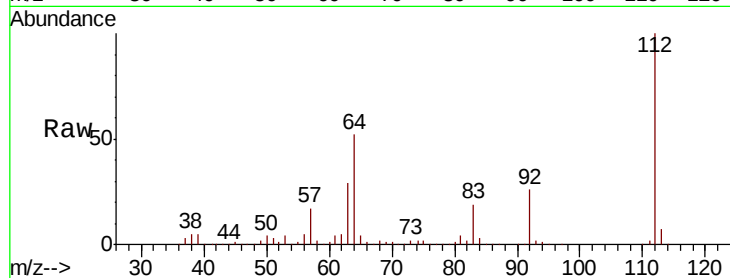
Tot Ion: 112 Resp: 792636

Ion Ratio Lower Upper

112 100

64 51.9 41.3 61.9

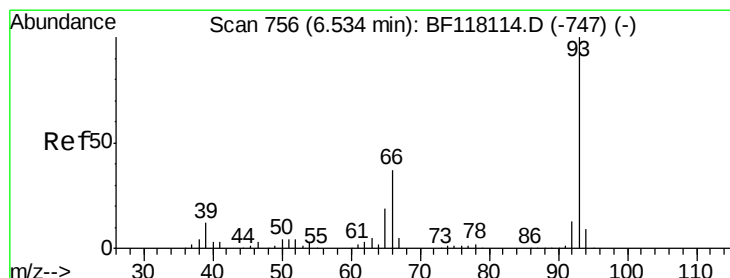
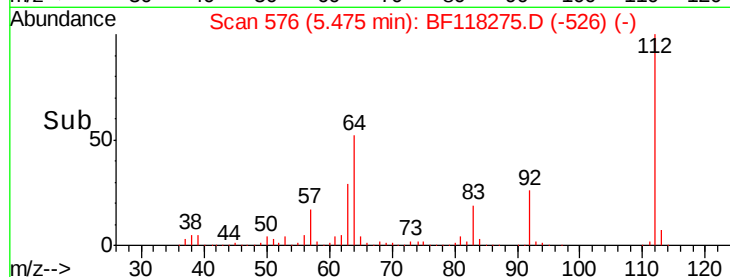
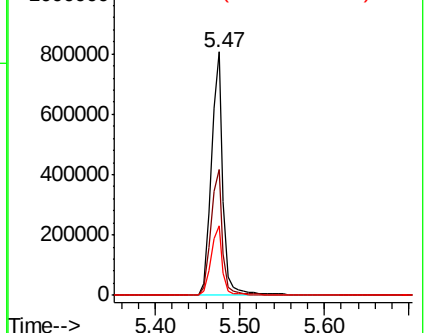
63 28.6 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.437 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

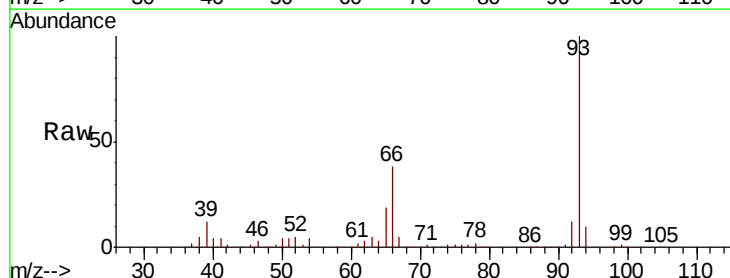
Tgt Ion: 93 Resp: 597480

Ion Ratio Lower Upper

93 100

66 37.5 30.2 45.2

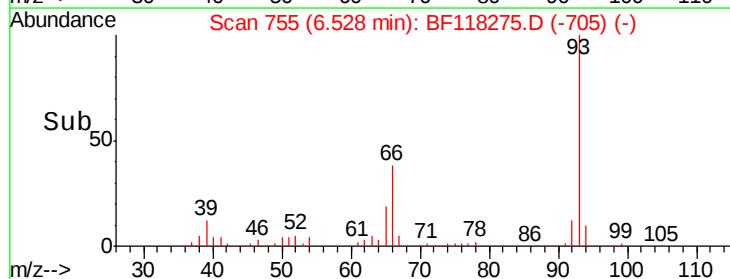
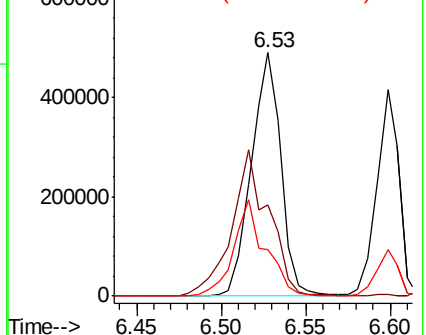
65 19.4 15.5 23.3

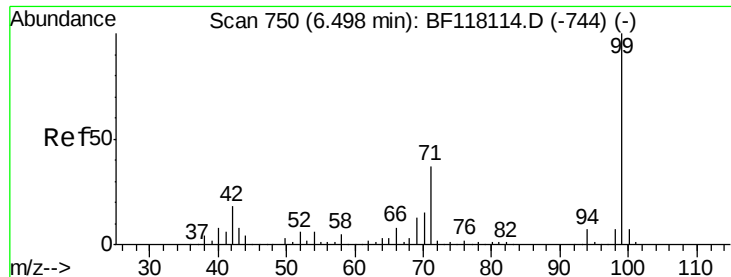


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.344 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampled :

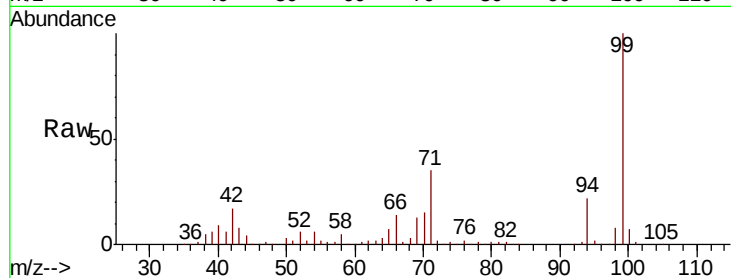
Tot Ion: 99 Resp: 952024

Ion Ratio Lower Upper

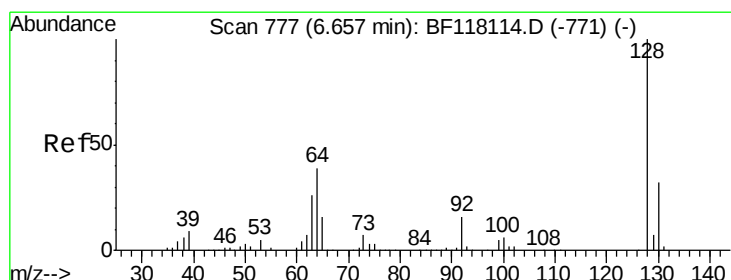
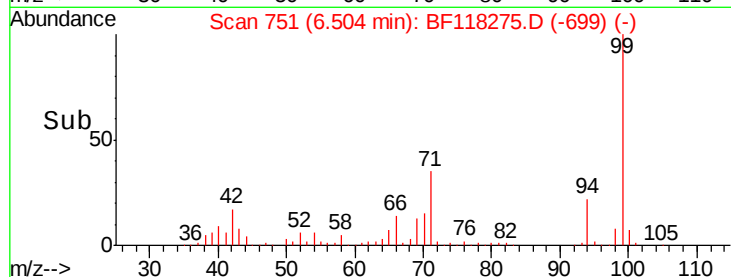
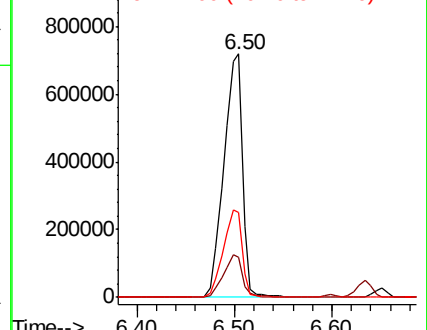
99 100

42 16.6 14.1 21.1

71 34.9 29.7 44.5



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: 38.915 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

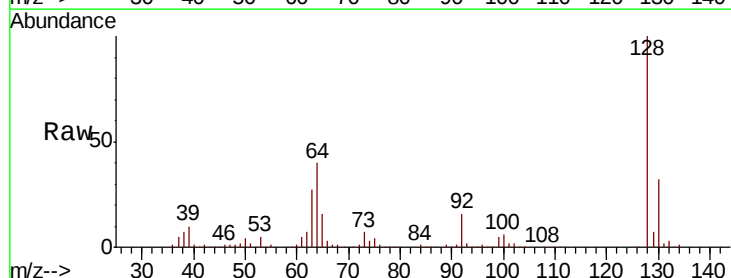
Tgt Ion: 128 Resp: 440846

Ion Ratio Lower Upper

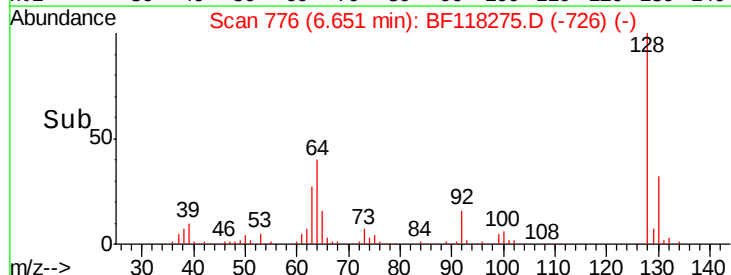
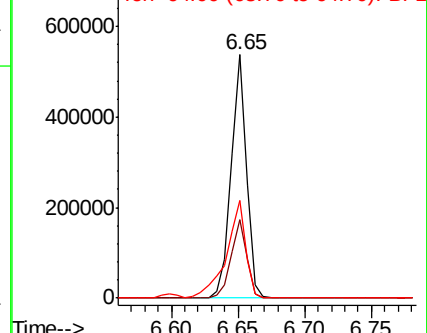
128 100

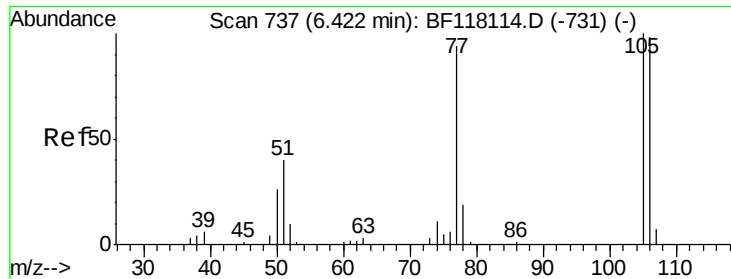
130 32.3 12.1 52.1

64 40.1 19.3 59.3



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: 37.207 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampleId :

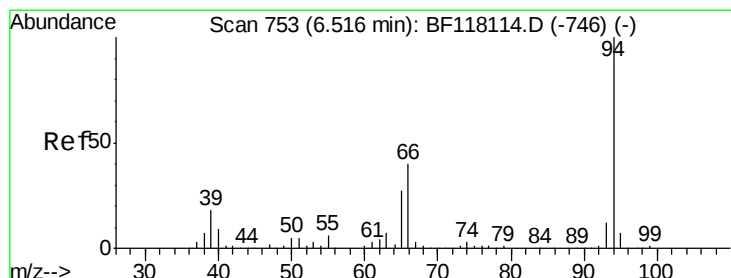
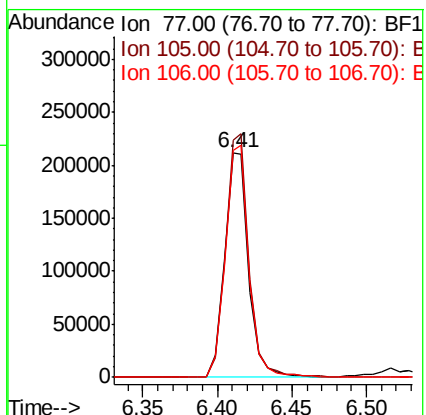
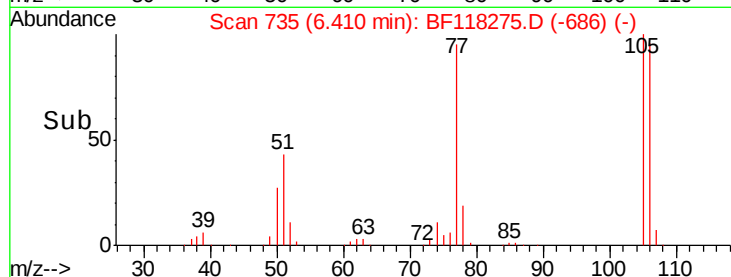
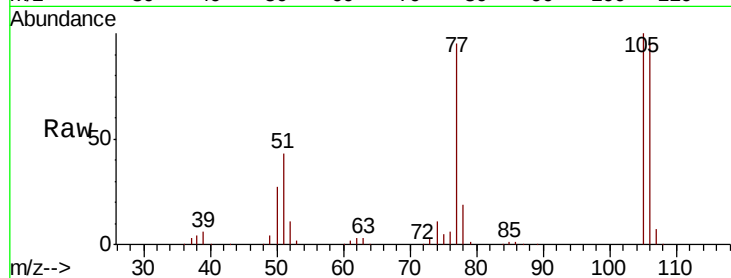
Tot Ion: 77 Resp: 239974

Ion Ratio Lower Upper

77 100

105 105.7 86.4 126.4

106 101.0 83.8 123.8



#10

Phenol

Concen: 38.335 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

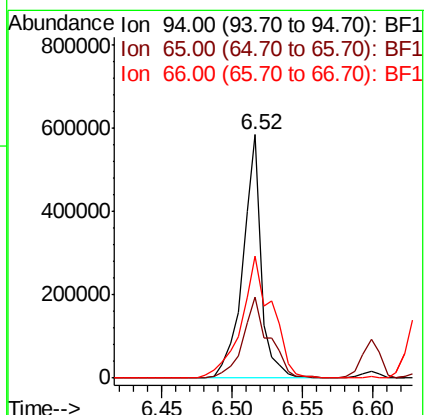
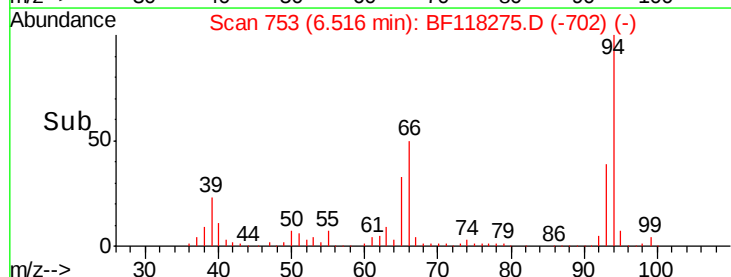
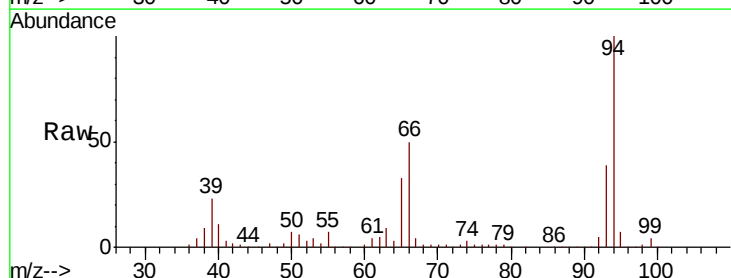
Tgt Ion: 94 Resp: 531258

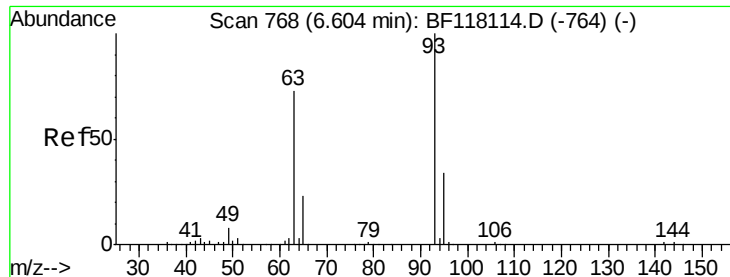
Ion Ratio Lower Upper

94 100

65 33.3 7.3 47.3

66 50.2 20.2 60.2

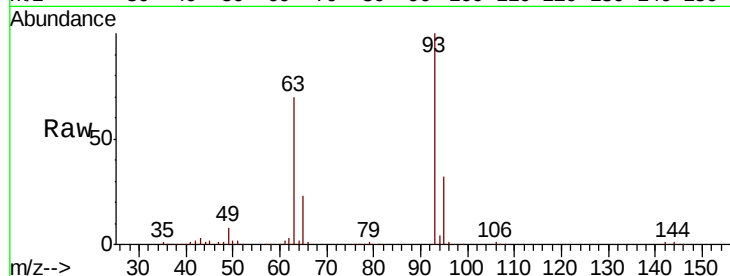




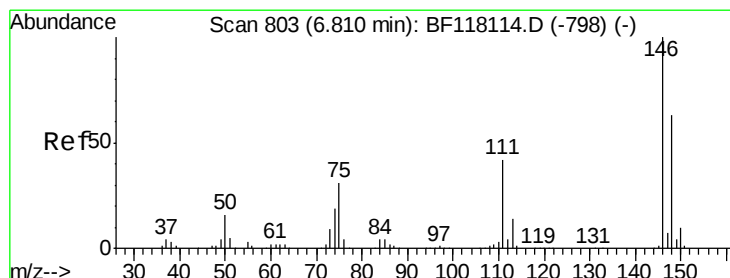
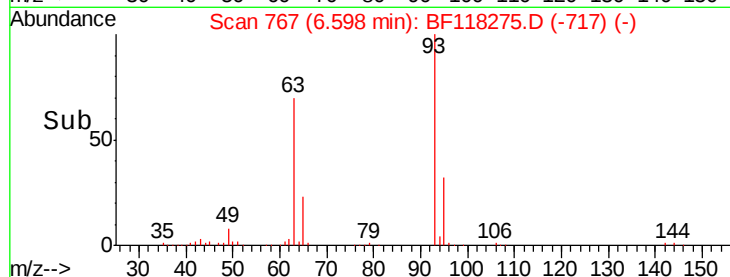
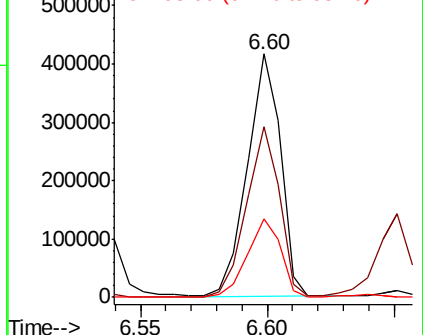
#11
bis(2-Chloroethyl)ether
Concen: 37.884 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	53.2	93.2
95	32.4	13.8	53.8

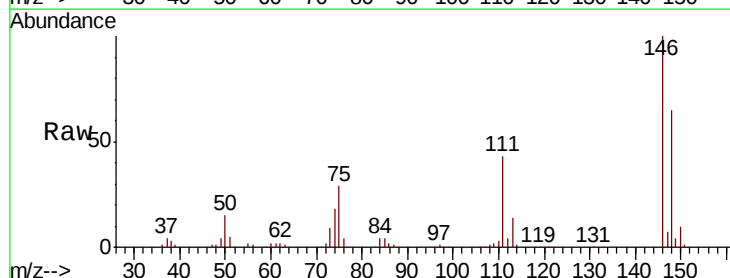


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

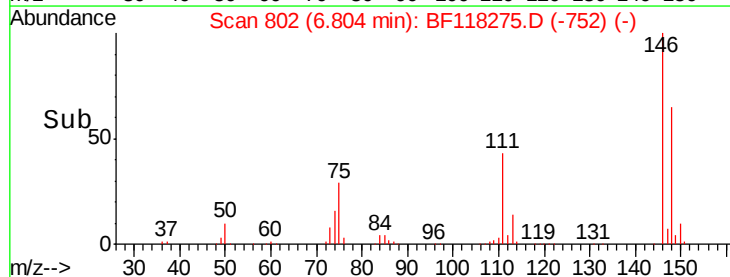
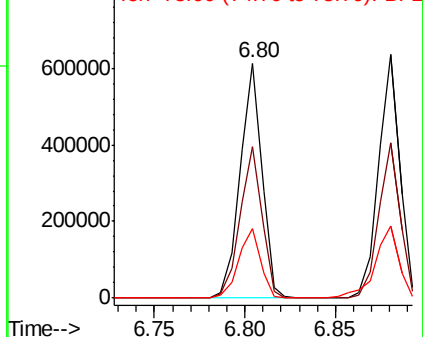


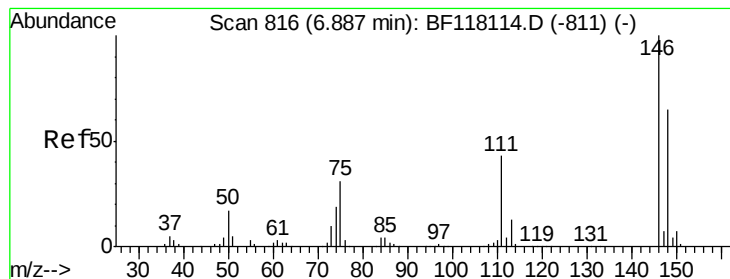
#12
1,3-Dichlorobenzene
Concen: 38.638 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.2	75.4
75	29.4	24.6	37.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.064 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampled :

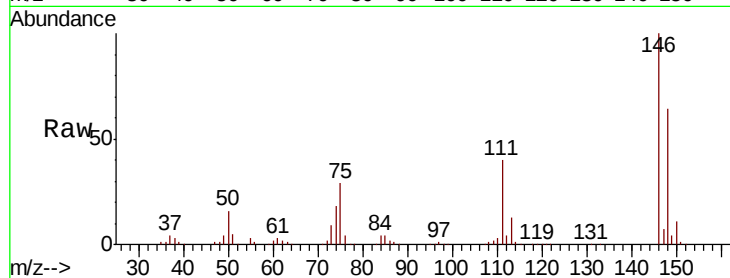
Tot Ion:146 Resp: 520563

Ion Ratio Lower Upper

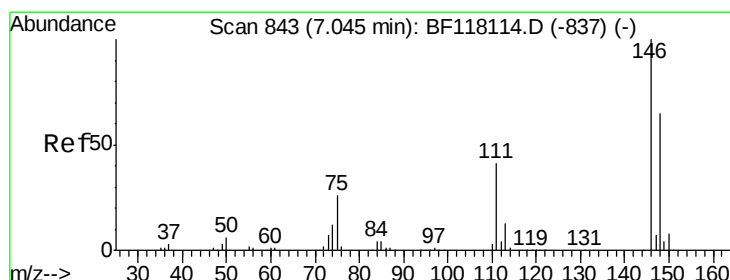
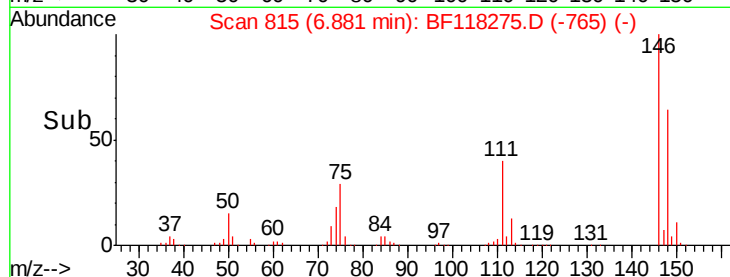
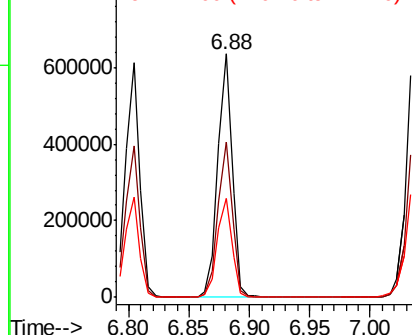
146 100

148 64.0 52.1 78.1

111 40.4 34.6 52.0



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: 38.645 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

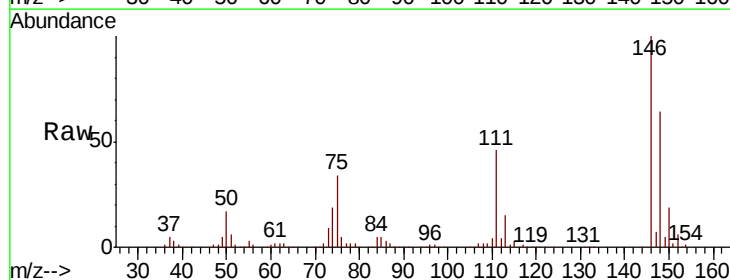
Tgt Ion:146 Resp: 483616

Ion Ratio Lower Upper

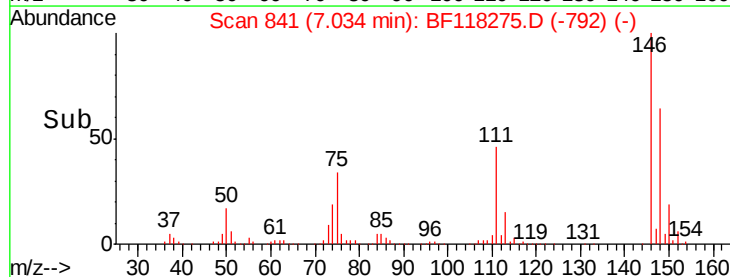
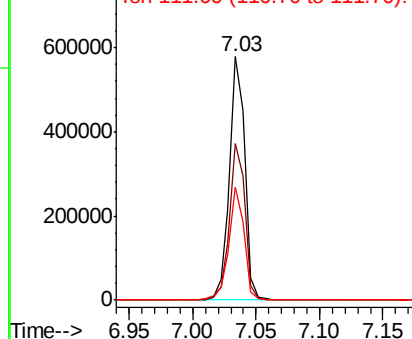
146 100

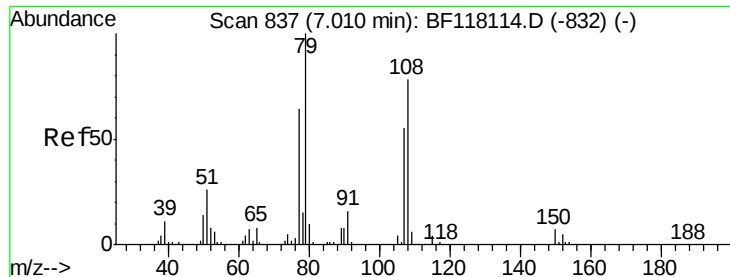
148 64.2 52.2 78.2

111 46.2 33.1 49.7



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: 38.373 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampled :

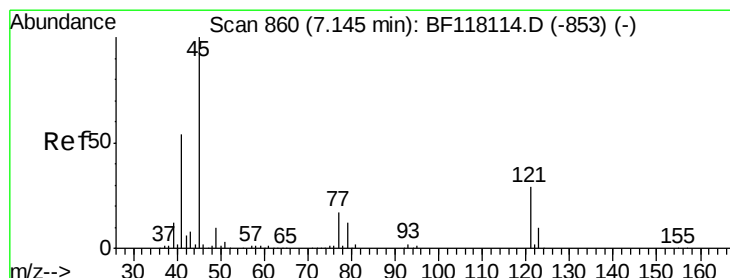
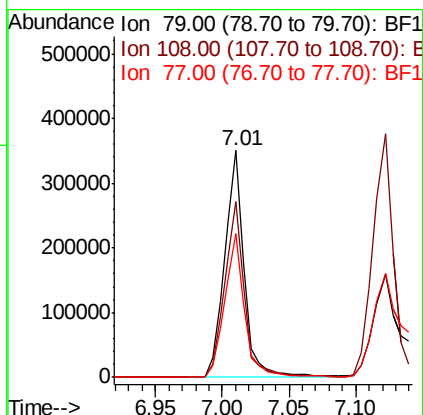
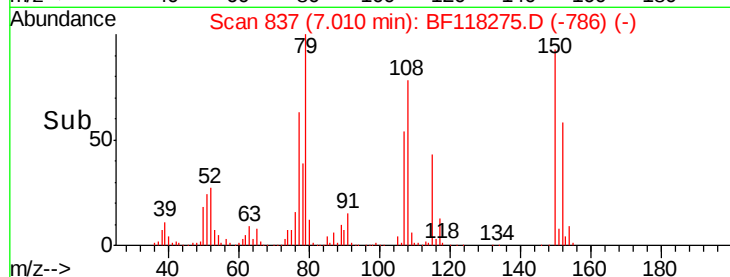
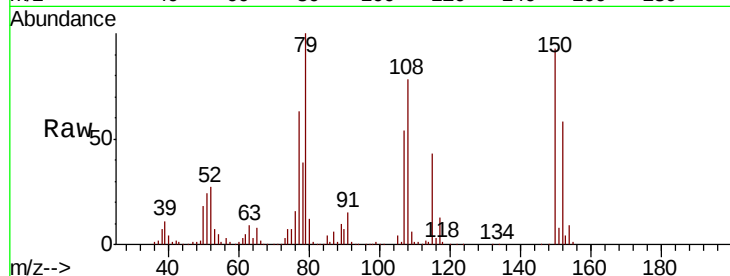
Tot Ion: 79 Resp: 363996

Ion Ratio Lower Upper

79 100

108 77.6 62.7 94.1

77 63.5 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.654 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

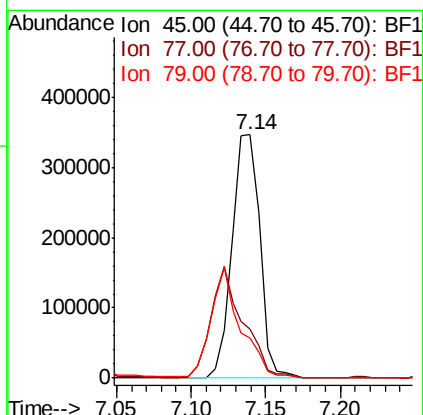
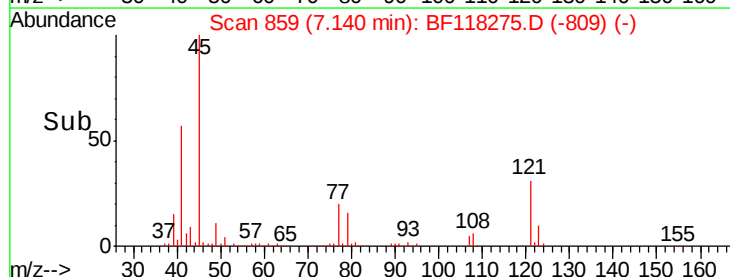
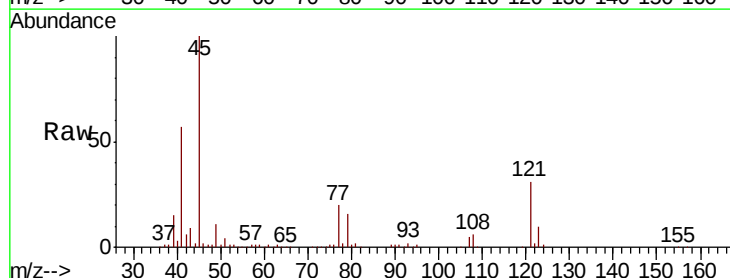
Tgt Ion: 45 Resp: 453772

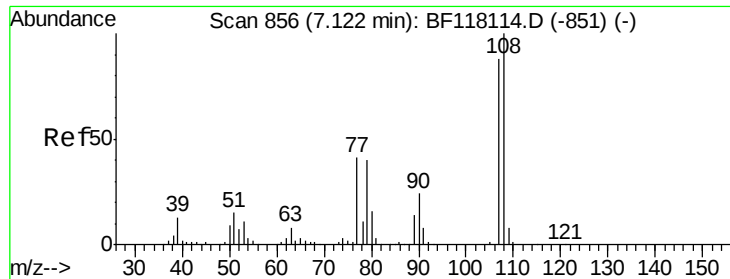
Ion Ratio Lower Upper

45 100

77 20.2 0.0 38.0

79 16.2 0.0 33.2

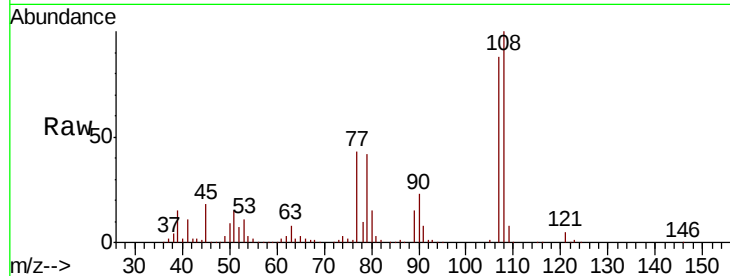




#17
2-Methylphenol
Concen: 38.715 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	348828
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.1	136.7
77	48.5	37.8	56.6
79	48.0	37.0	55.6



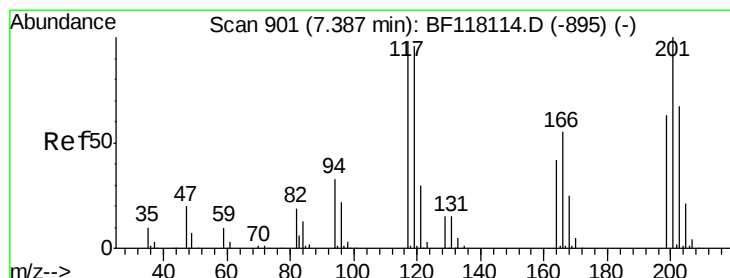
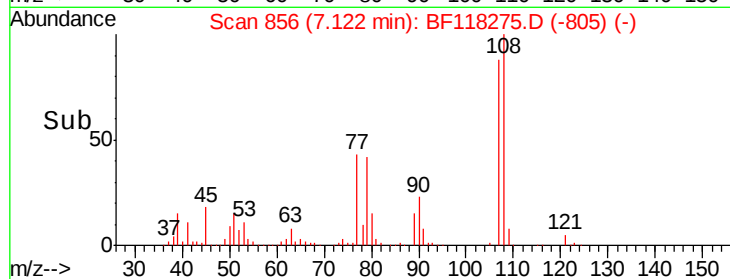
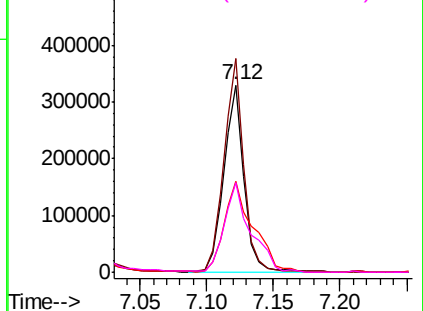
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

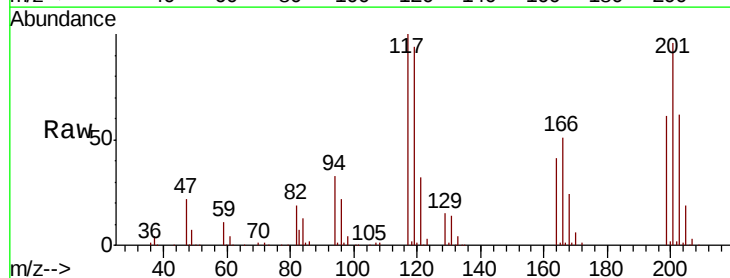
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.718 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion:	117	Resp:	190115
Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.2	117.4
201	96.1	81.6	122.4

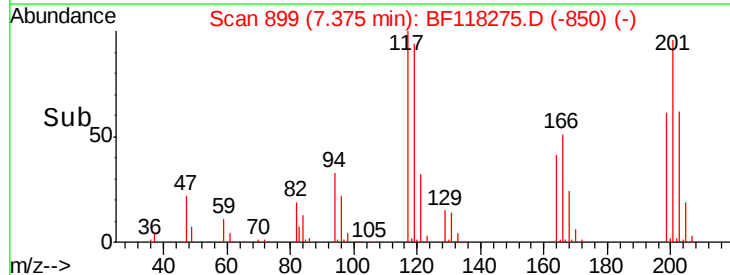
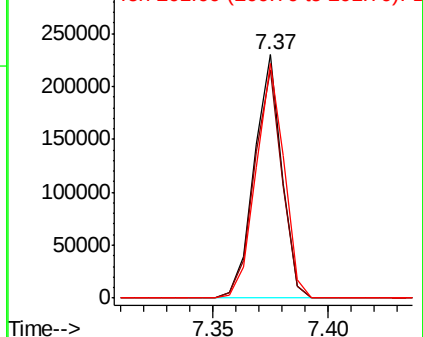


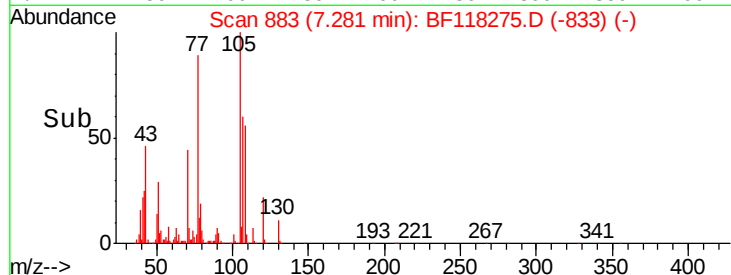
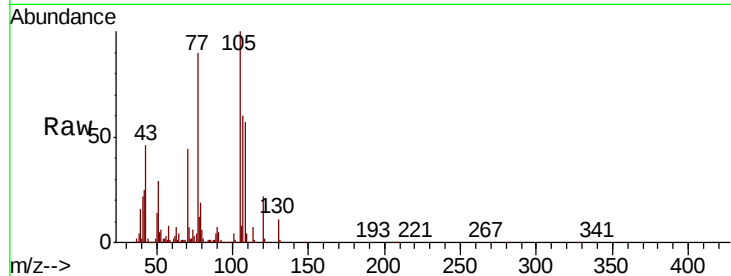
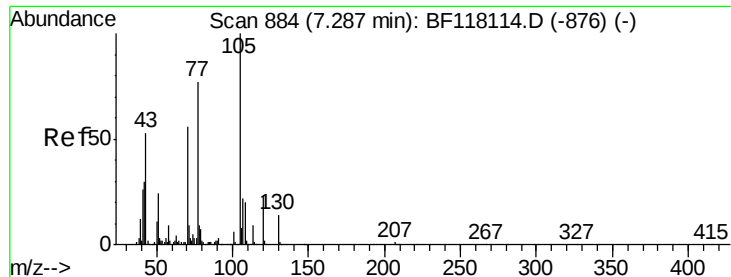
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

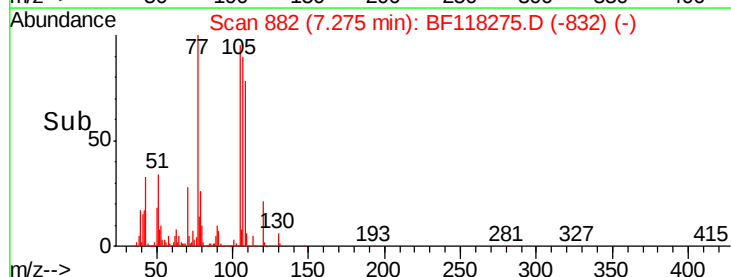
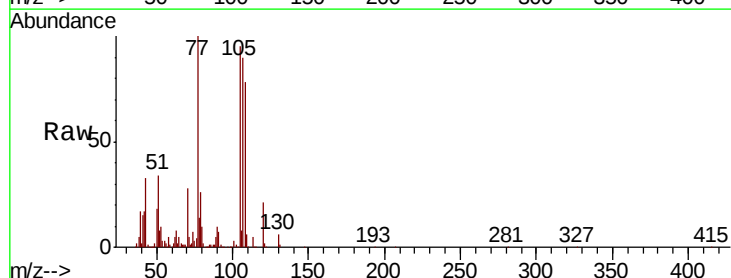
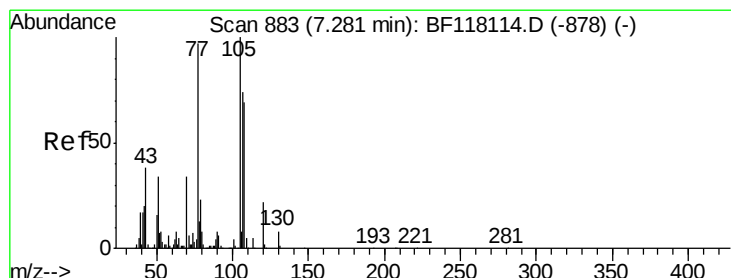
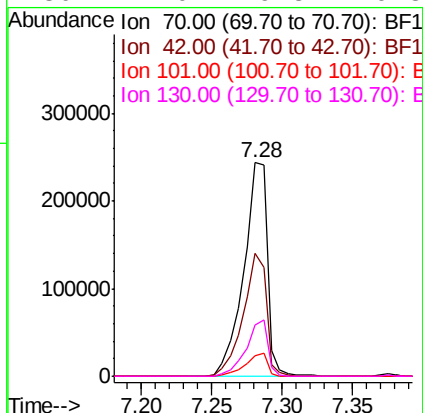




#19
n-Nitroso-di-n-propylamine
Concen: 38.797 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

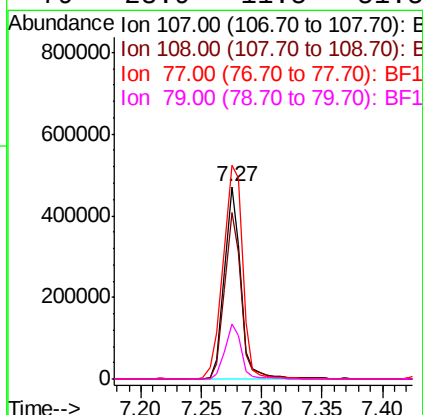
Instrument :
BNA_F
ClientSampleId :

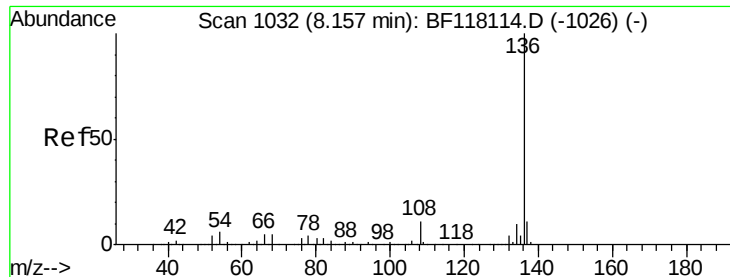
Tot Ion:	70	Resp:	286484
Ion	Ratio	Lower	Upper
70	100		
42	57.4	43.2	64.8
101	9.9	8.1	12.1
130	24.0	19.8	29.8



#20
3+4-Methylphenols
Concen: 38.944 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion:	107	Resp:	440748
Ion	Ratio	Lower	Upper
107	100		
108	86.6	73.2	113.2
77	111.1	110.9	150.9
79	28.9	11.5	51.5

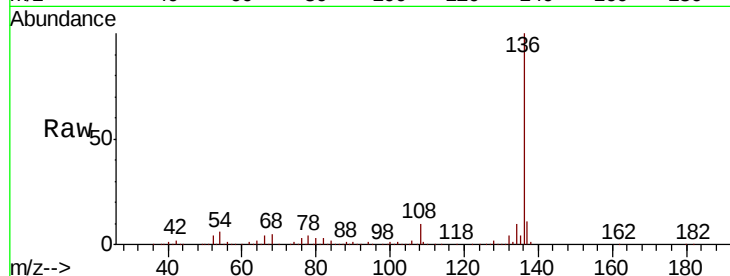




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	665420	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.0	13.6	
54 6.1	5.0	7.6	
68 4.5	3.8	5.8	



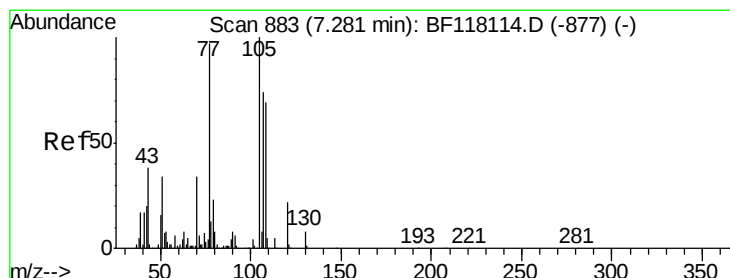
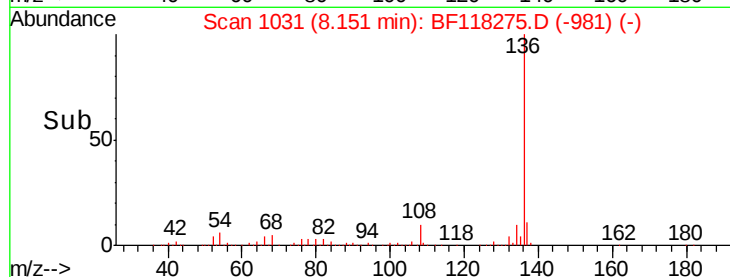
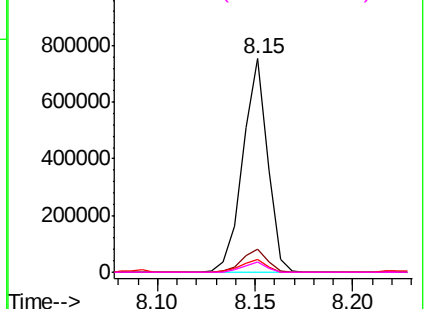
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

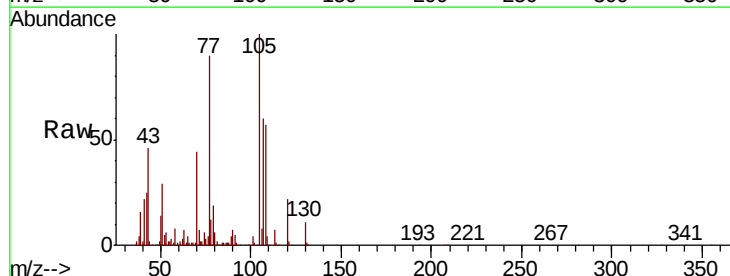
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.356 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt	Ion:105	Resp:	613183
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.7	7.1#
51	29.3	27.1	40.7
120	22.4	17.8	26.6



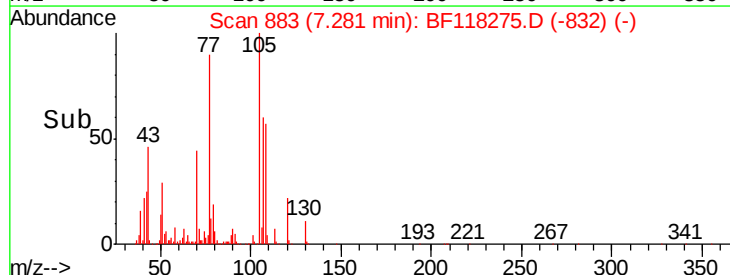
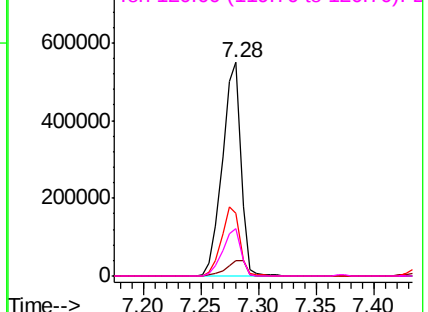
Abundance

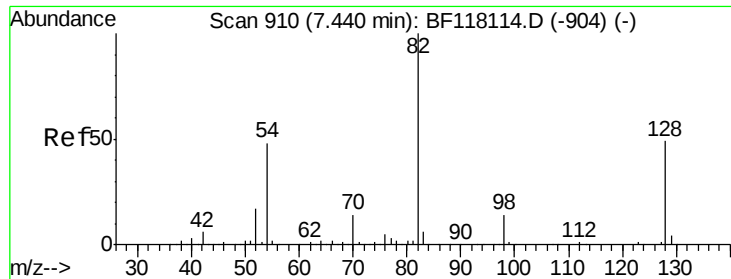
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

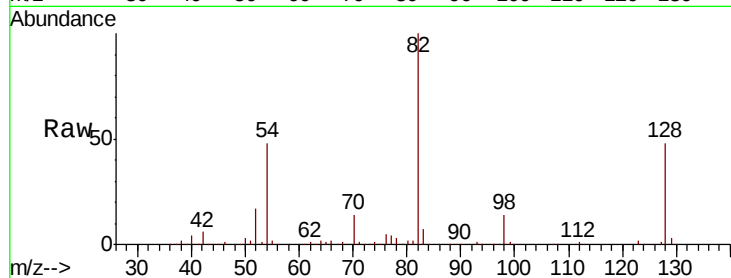




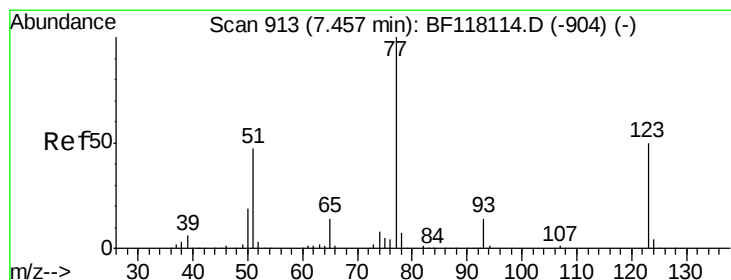
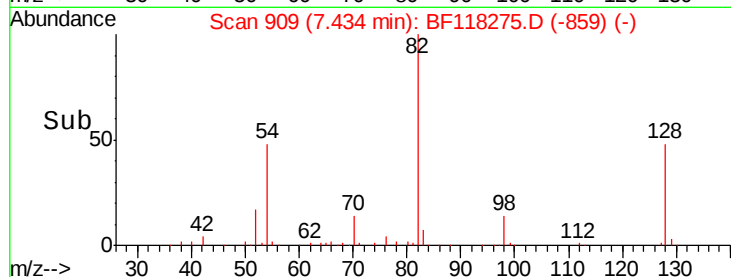
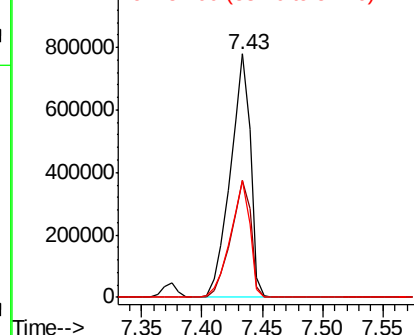
#23
 Nitrobenzene-d5
 Concen: 75.829 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 896911
 Ion Ratio Lower Upper
 82 100
 128 48.1 39.1 58.7
 54 48.0 38.2 57.2

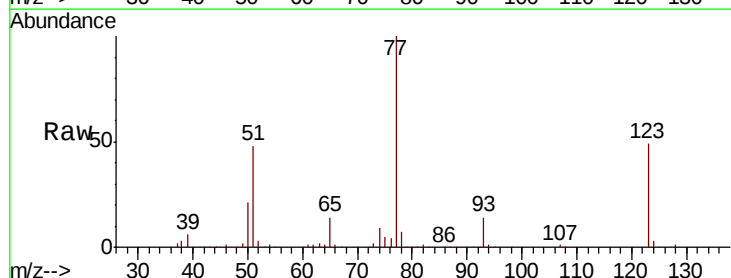


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

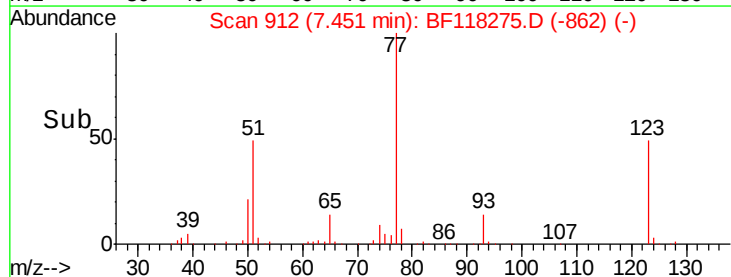
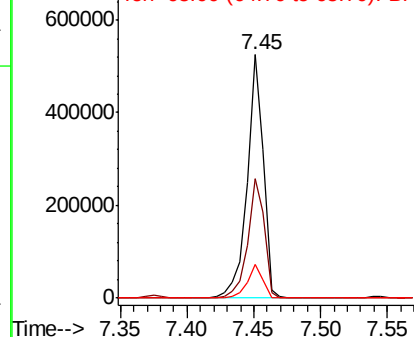


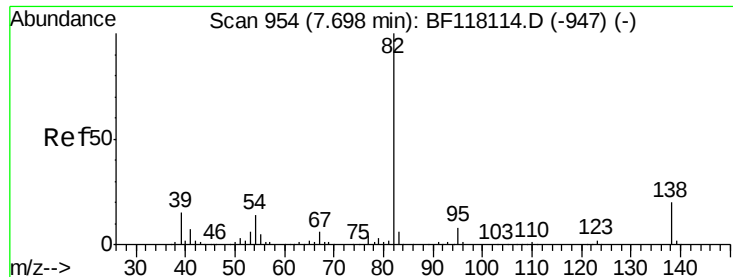
#24
 Nitrobenzene
 Concen: 37.836 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Tgt Ion: 77 Resp: 439694
 Ion Ratio Lower Upper
 77 100
 123 48.9 40.1 60.1
 65 14.0 10.9 16.3



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





#25

Isophorone

Concen: 38.142 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampleId :

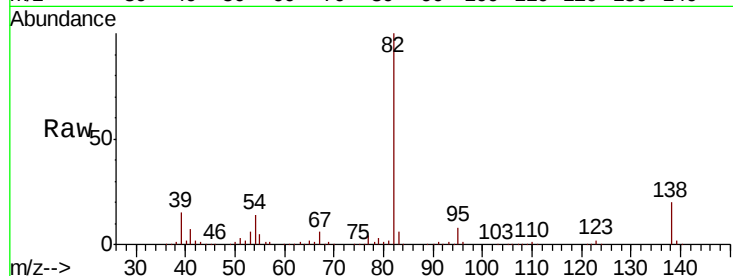
Tot Ion: 82 Resp: 764778

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

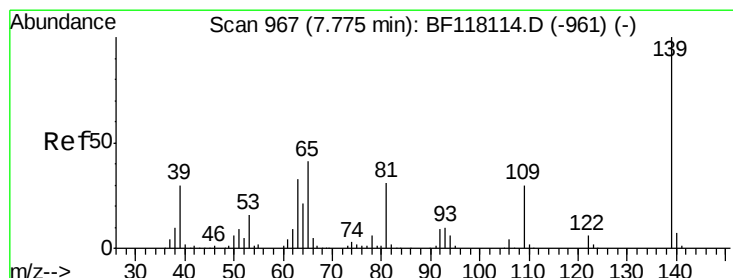
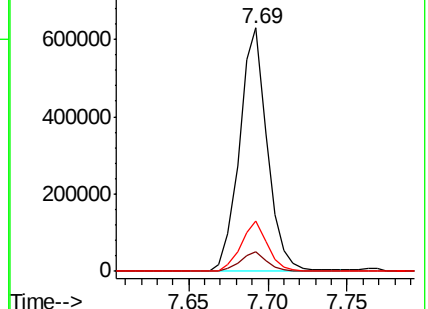
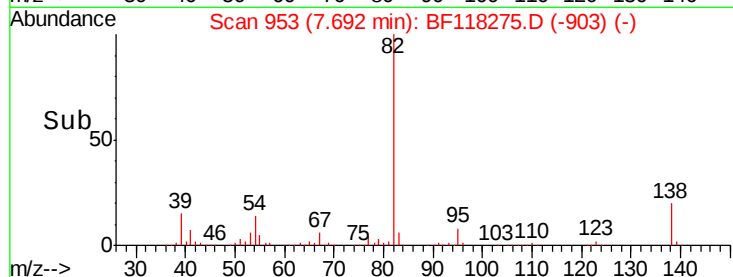
138 20.4 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.882 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

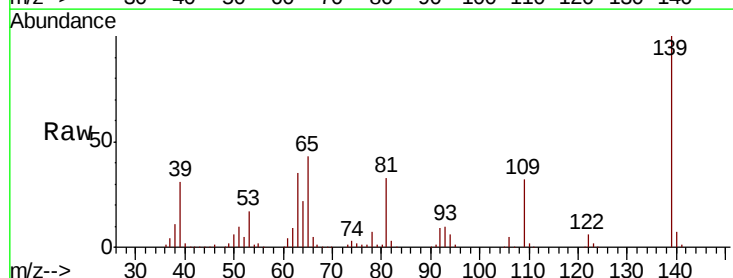
Tgt Ion: 139 Resp: 241507

Ion Ratio Lower Upper

139 100

109 31.5 23.9 35.9

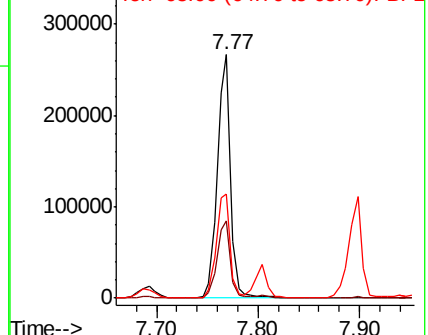
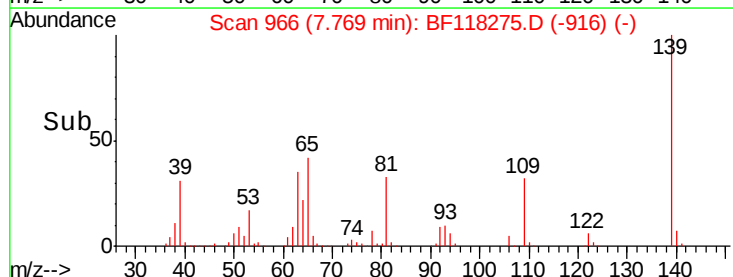
65 42.5 33.0 49.6

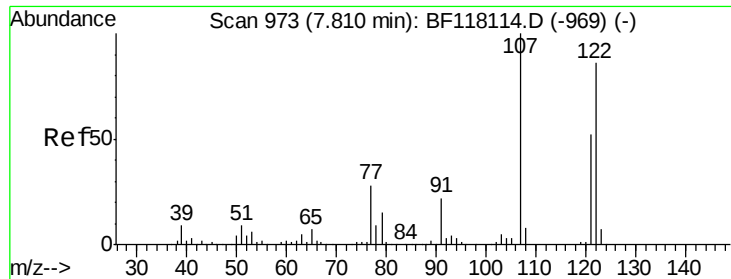


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

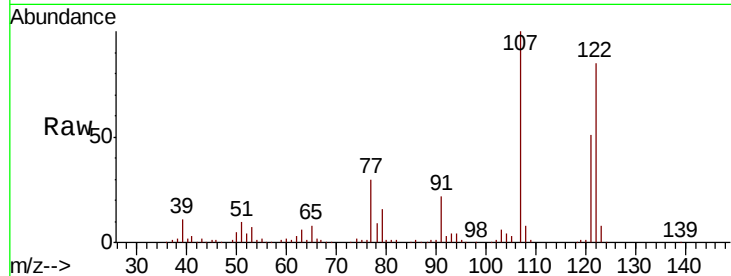




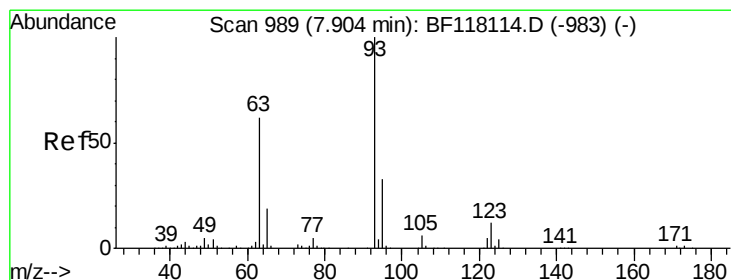
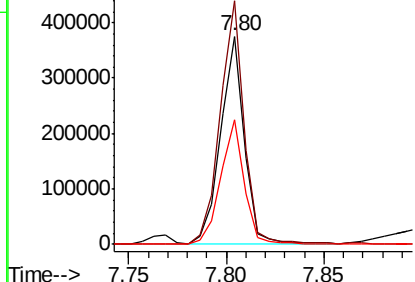
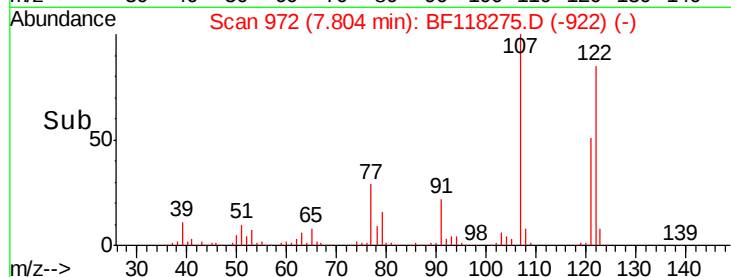
#27
2,4-Dimethylphenol
Concen: 38.124 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 315860
Ion Ratio Lower Upper
122 100
107 117.2 92.9 139.3
121 59.8 48.3 72.5

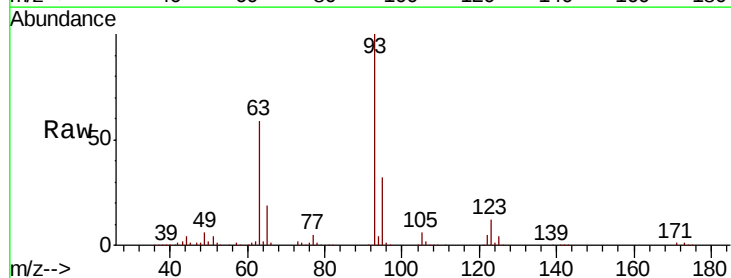


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

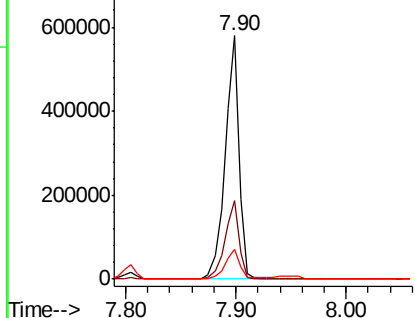
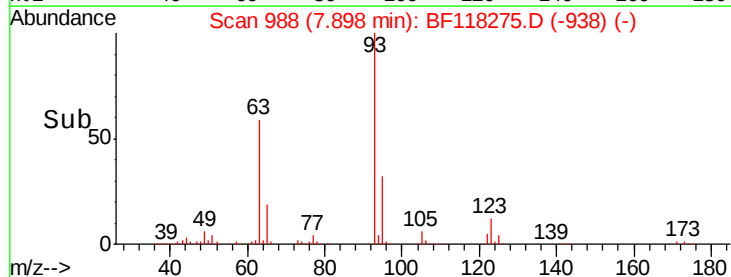


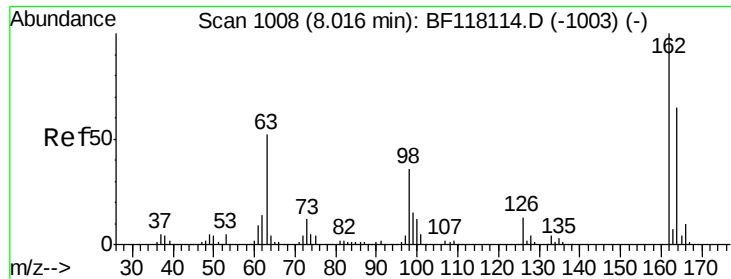
#28
bis(2-Chloroethoxy)methane
Concen: 38.869 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion: 93 Resp: 509266
Ion Ratio Lower Upper
93 100
95 32.5 26.7 40.1
123 12.2 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

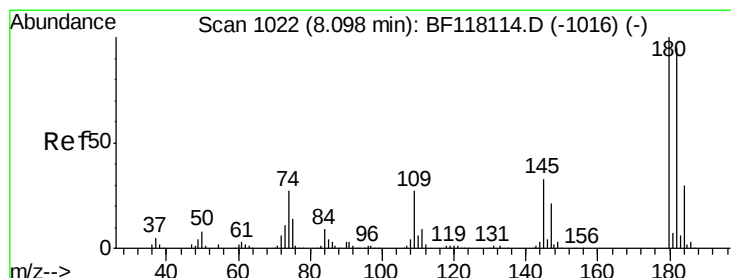
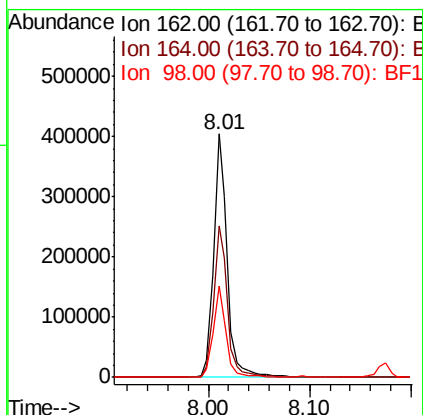
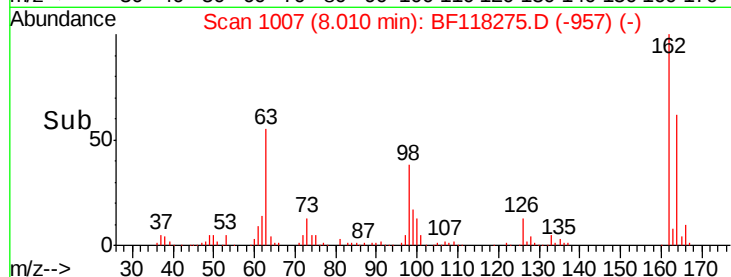
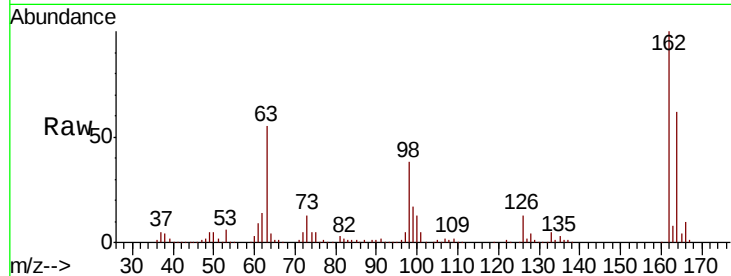




#29
2,4-Dichlorophenol
Concen: 38.710 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

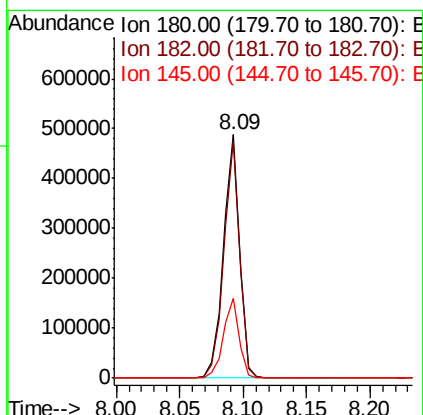
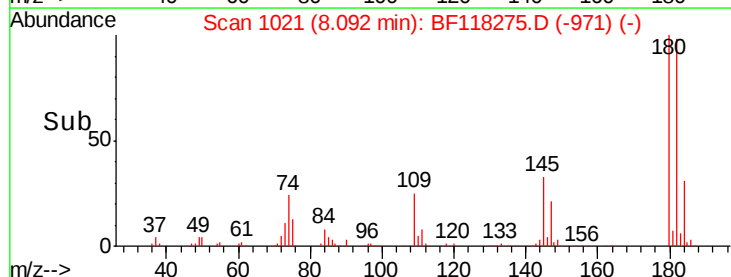
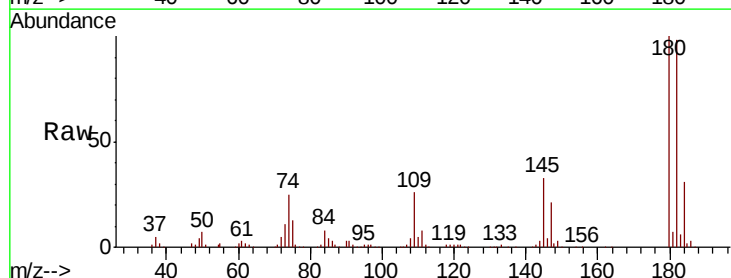
Instrument :
BNA_F
ClientSampleId :

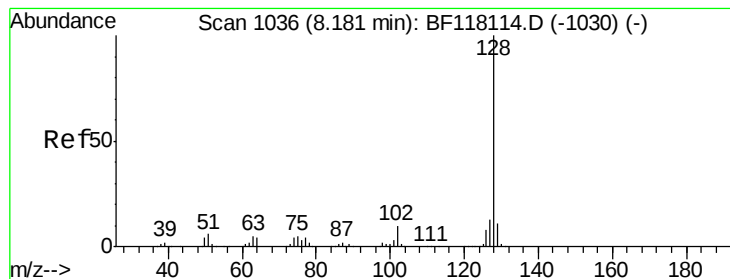
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	45.2	85.2
98	37.6	15.9	55.9



#30
1,2,4-Trichlorobenzene
Concen: 38.226 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.1	114.1
145	32.7	26.1	39.1





#31

Naphthalene

Concen: 38.471 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampleId :

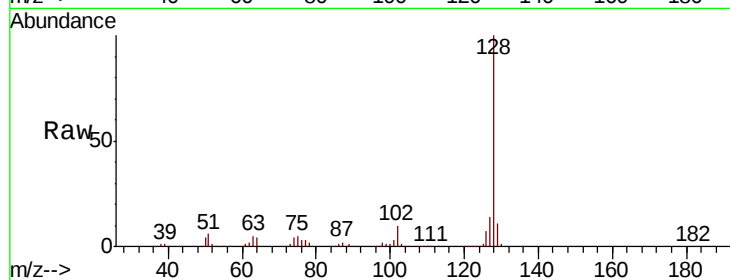
Tot Ion:128 Resp: 1285652

Ion Ratio Lower Upper

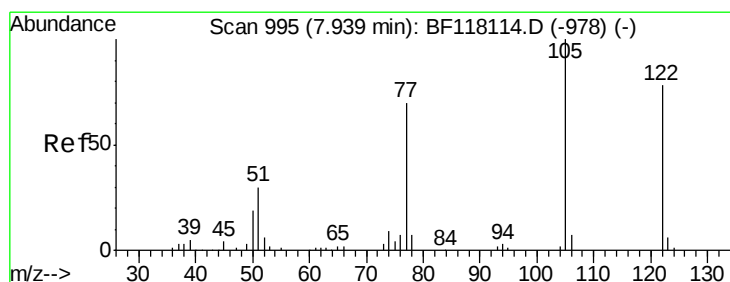
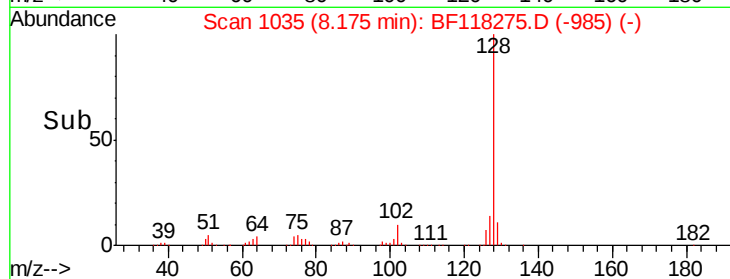
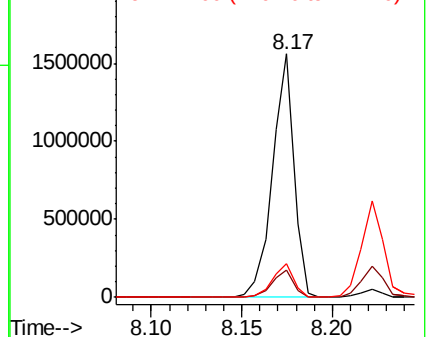
128 100

129 11.4 9.1 13.7

127 14.0 10.6 16.0



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



#32

Benzoic acid

Concen: 36.230 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

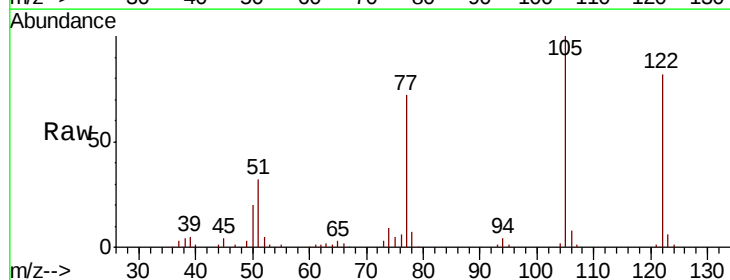
Tgt Ion:122 Resp: 271023

Ion Ratio Lower Upper

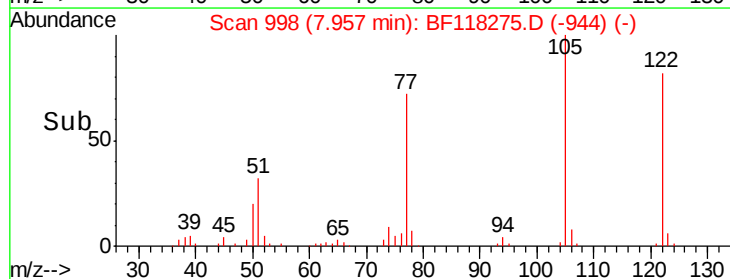
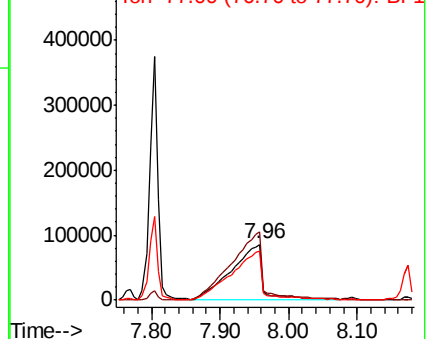
122 100

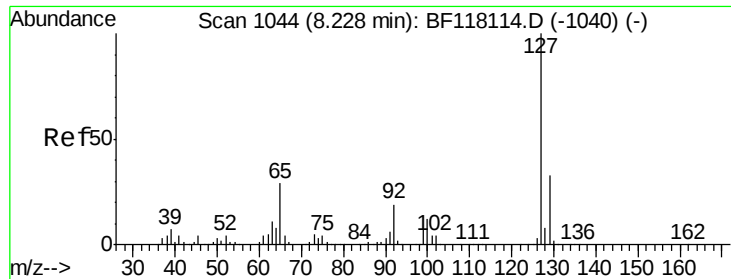
105 121.6 104.7 144.7

77 87.9 69.1 109.1



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

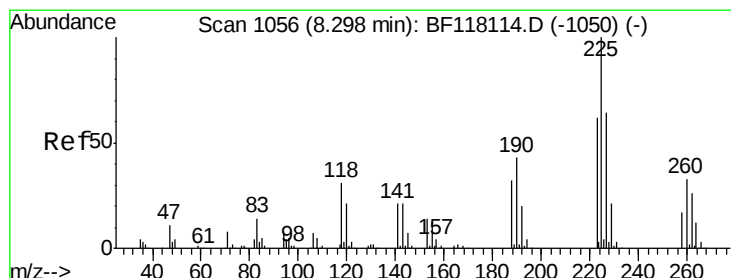
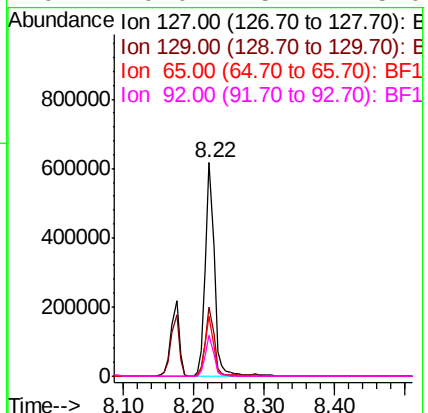
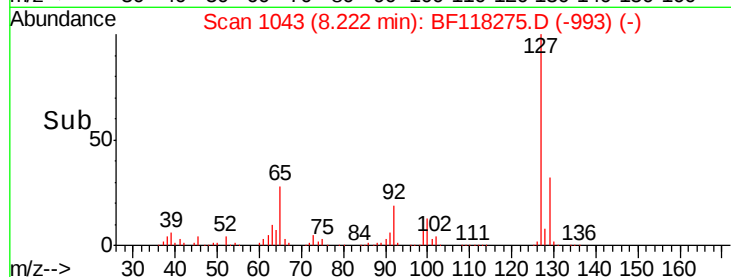
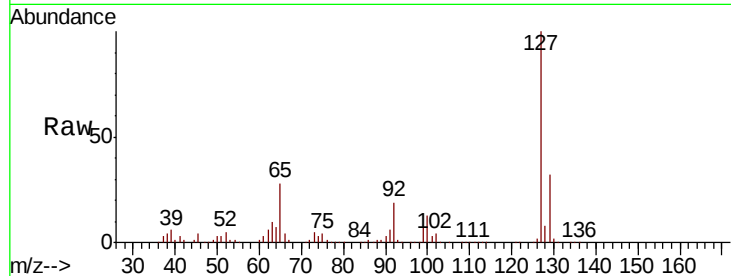




#33
4-Chloroaniline
Concen: 38.152 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

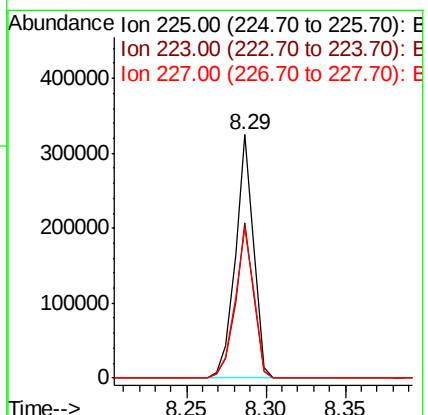
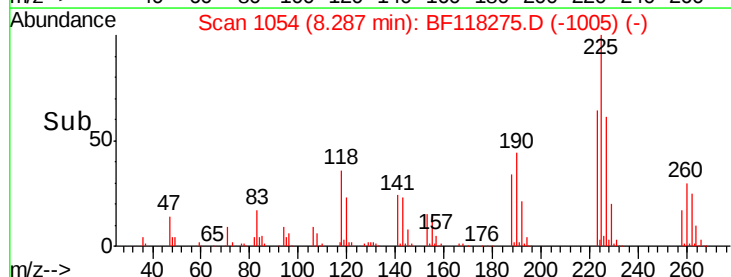
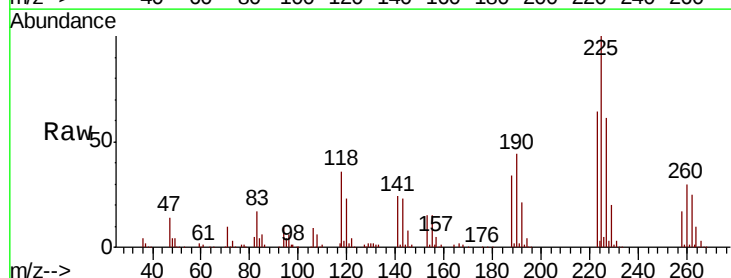
Instrument :
BNA_F
ClientSampleId :

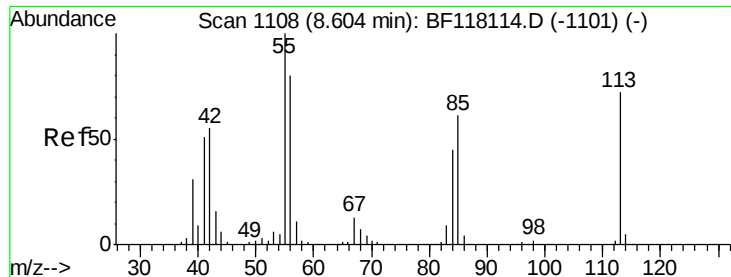
Tot Ion:	127	Resp:	550534
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	40.0
65	28.0	23.2	34.8
92	19.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 38.378 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion:	225	Resp:	259764
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.6	74.4
227	61.4	51.0	76.6

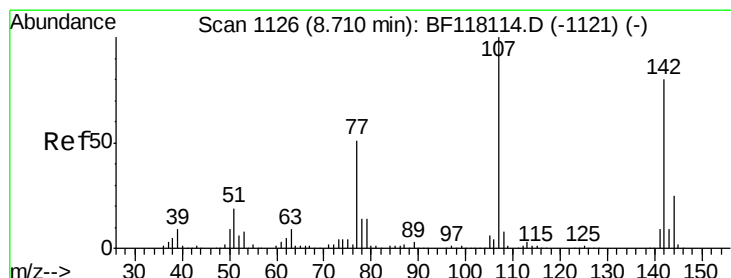
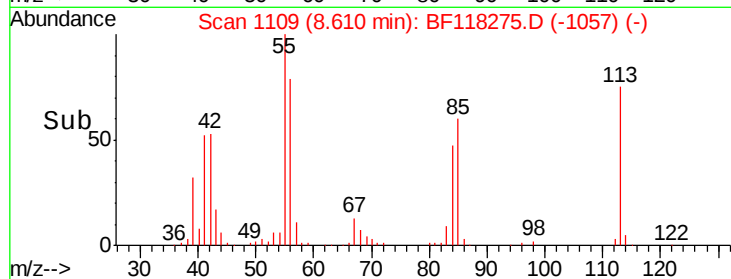
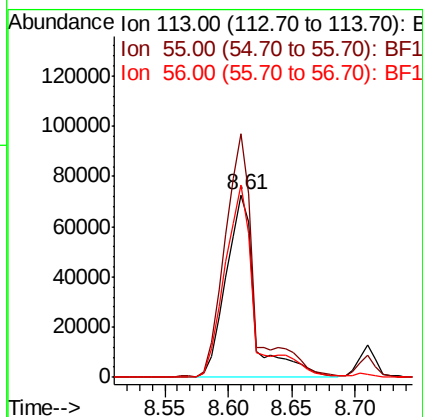
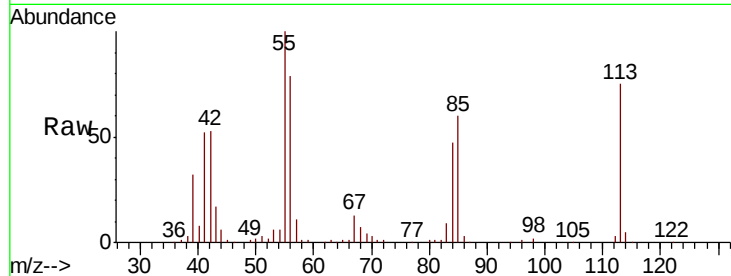




#35
 Caprolactam
 Concen: 38.667 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

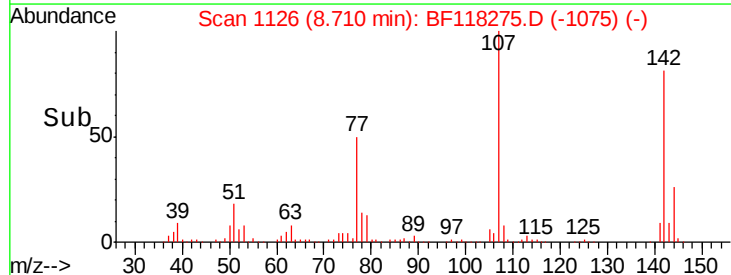
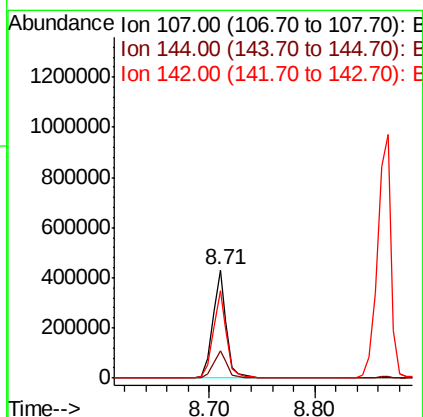
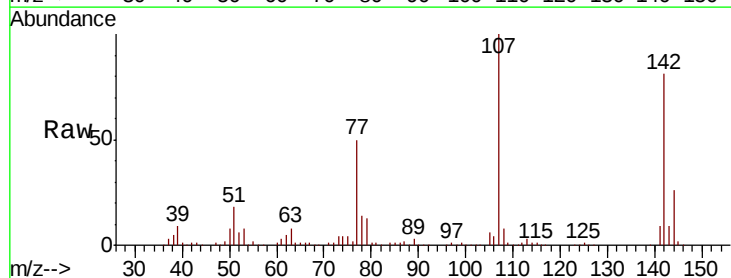
Instrument :
 BNA_F
 ClientSampleId :

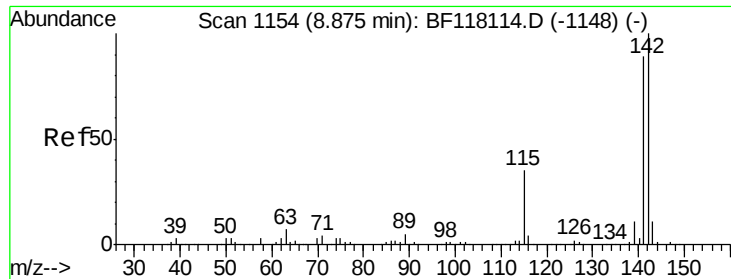
Tot Ion:113 Resp: 115174
 Ion Ratio Lower Upper
 113 100
 55 133.5 118.9 158.9
 56 105.5 91.4 131.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.301 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Tgt Ion:107 Resp: 389303
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.3 30.5
 142 80.9 63.7 95.5

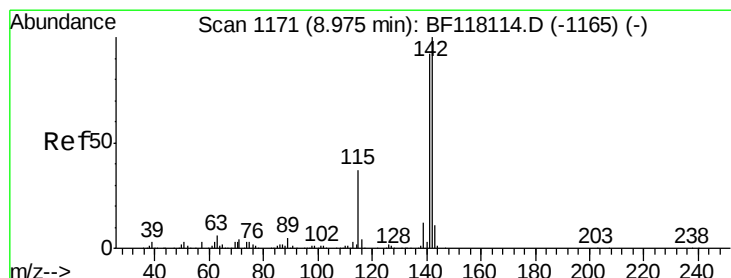
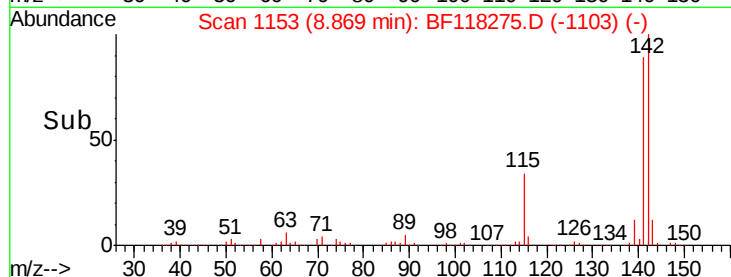
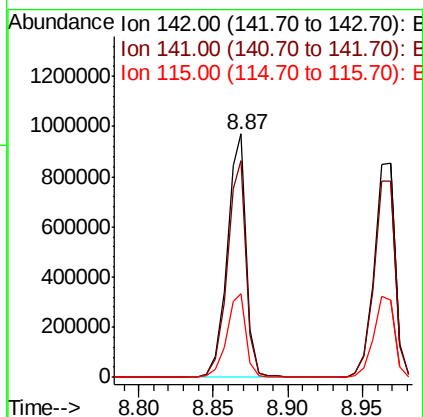
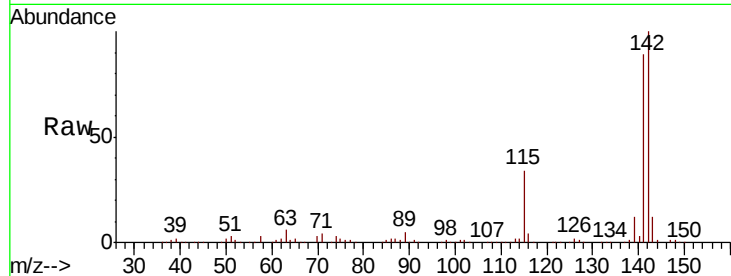




#37
 2-Methylnaphthalene
 Concen: 38.779 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

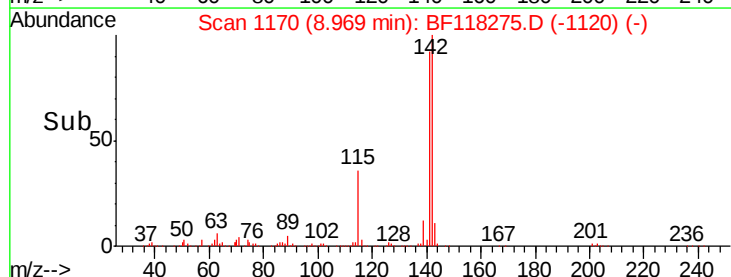
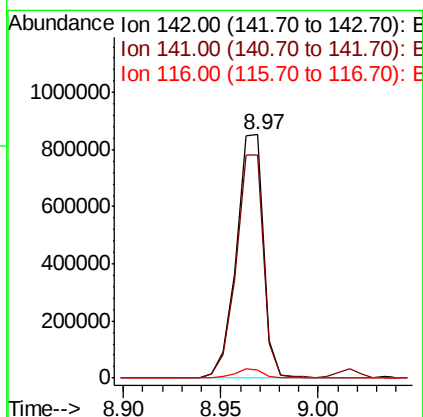
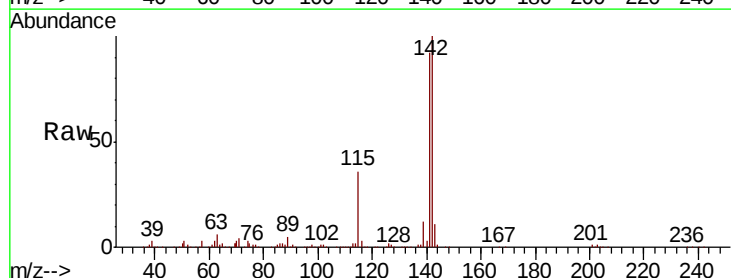
Instrument :
 BNA_F
 ClientSampleId :

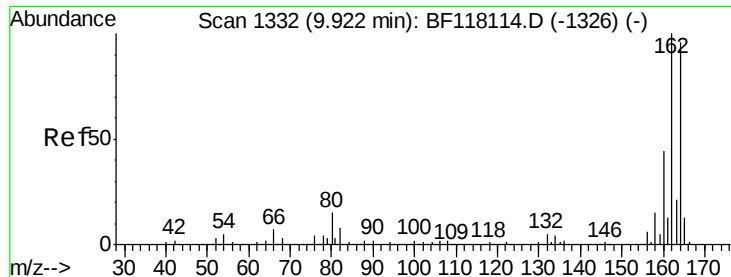
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.0
115	34.5	28.2	42.4



#38
 1-Methylnaphthalene
 Concen: 38.564 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.0	111.0
116	3.5	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampled :

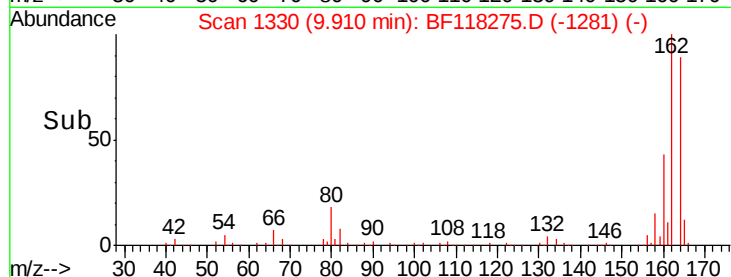
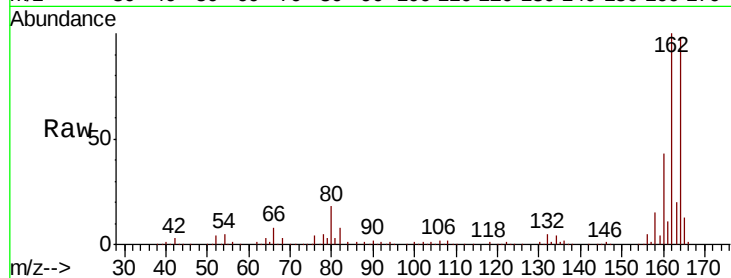
Tot Ion:164 Resp: 354239

Ion Ratio Lower Upper

164 100

162 101.5 83.4 125.0

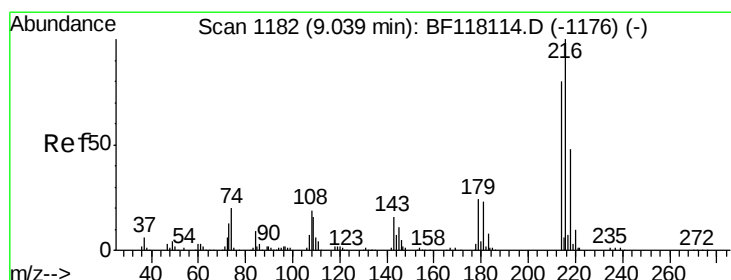
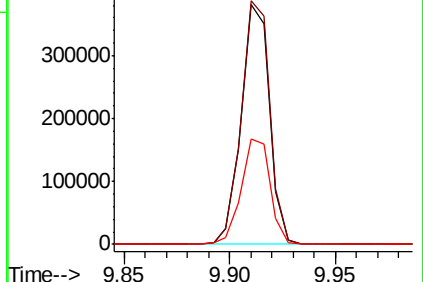
160 44.1 36.6 54.8



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: 38.234 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Tgt Ion:216 Resp: 410299

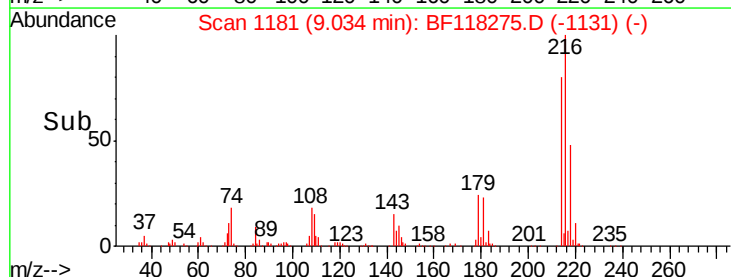
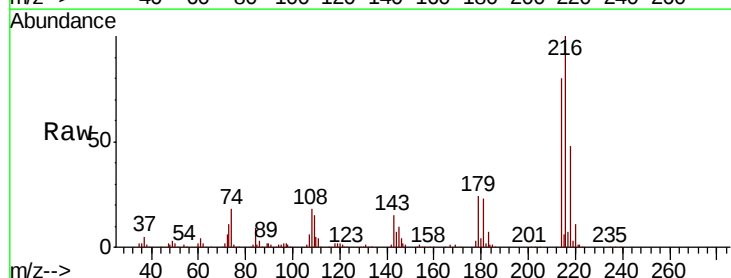
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 23.6 18.6 27.8

108 19.7 15.4 23.0

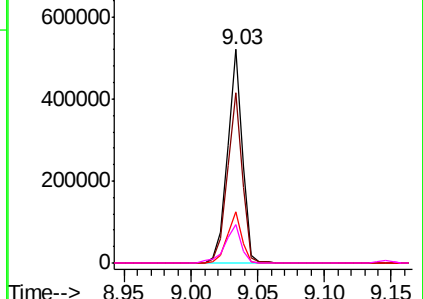


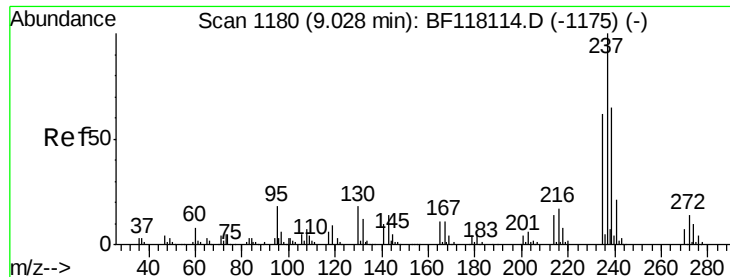
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.902 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampleId :

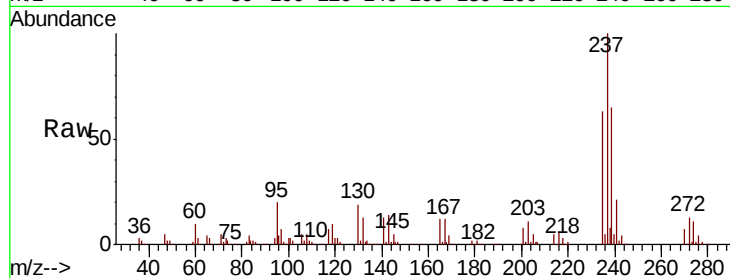
Tot Ion:237 Resp: 187042

Ion Ratio Lower Upper

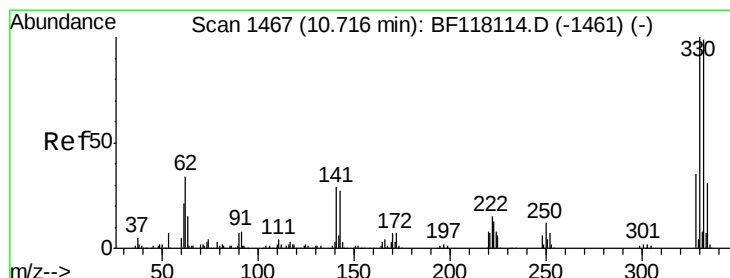
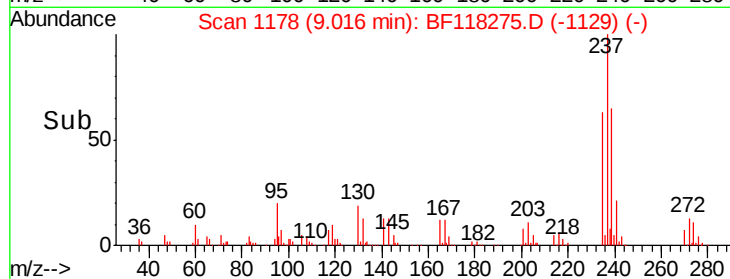
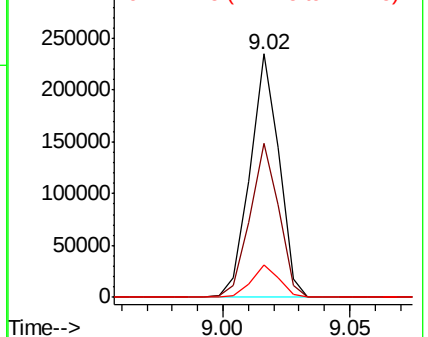
237 100

235 63.2 41.5 81.5

272 13.2 0.0 33.7



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: 75.820 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

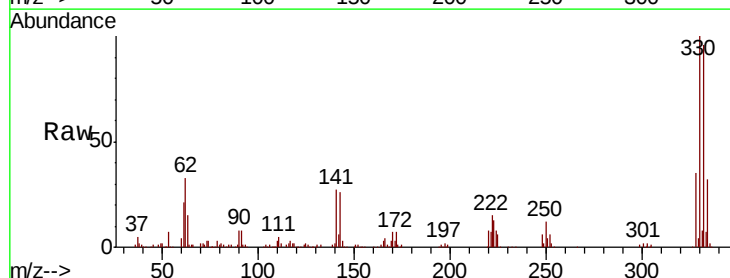
Tgt Ion:330 Resp: 326280

Ion Ratio Lower Upper

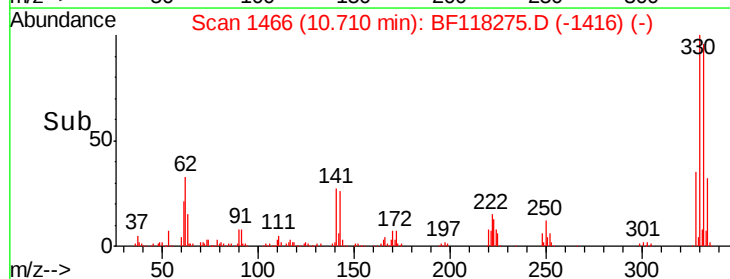
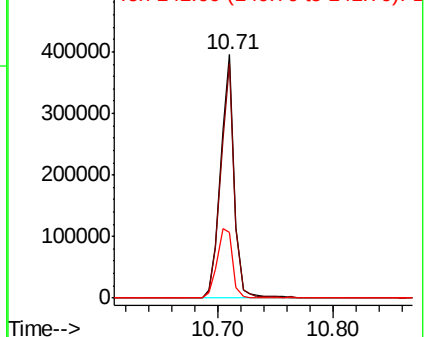
330 100

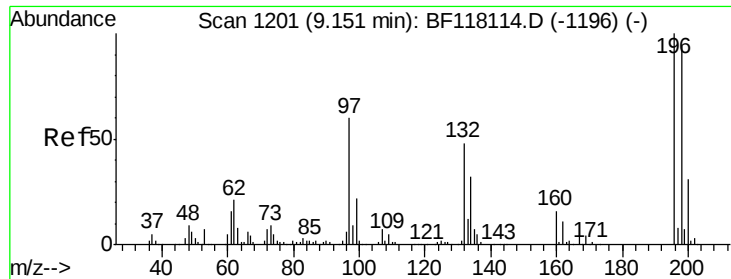
332 96.5 78.1 117.1

141 32.5 26.9 40.3



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

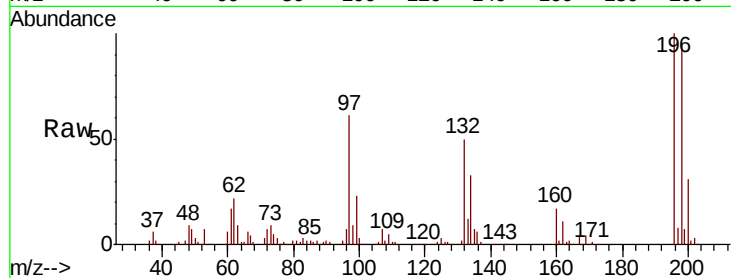




#43
 2,4,6-Trichlorophenol
 Concen: 37.893 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	271503
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.0	112.4
200	30.6	24.5	36.7

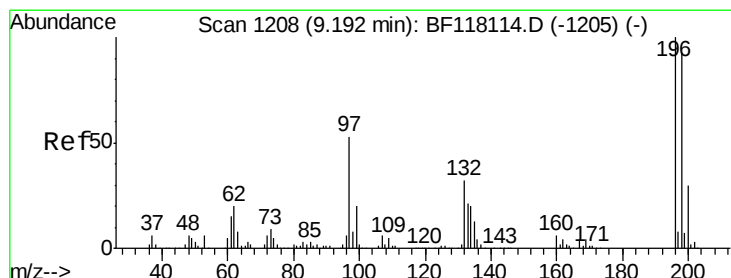
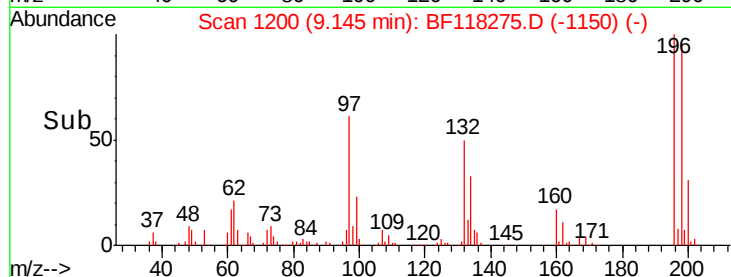
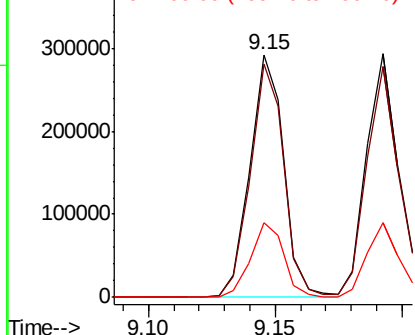


Abundance

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: 37.677 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Tgt Ion	196	Resp	279688
Ion Ratio	Lower	Upper	
196	100		
198	95.0	74.2	111.4
97	48.7	42.5	63.7
132	29.5	25.4	38.2

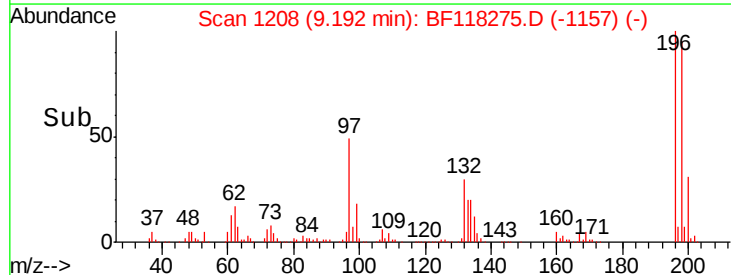
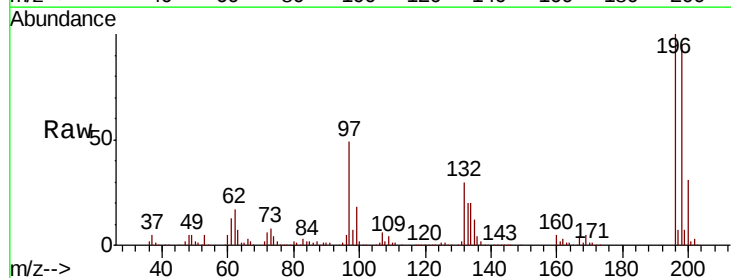
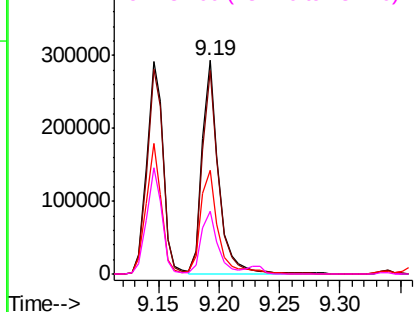
Abundance

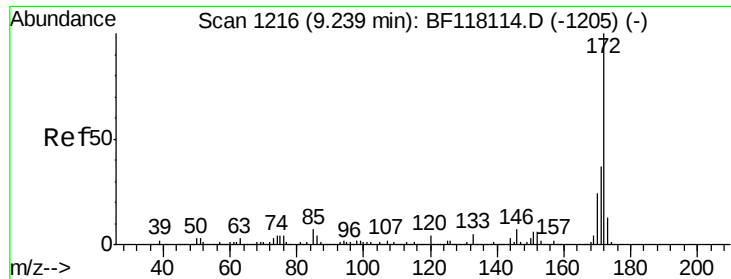
Ion 196.00 (195.70 to 196.70): E

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

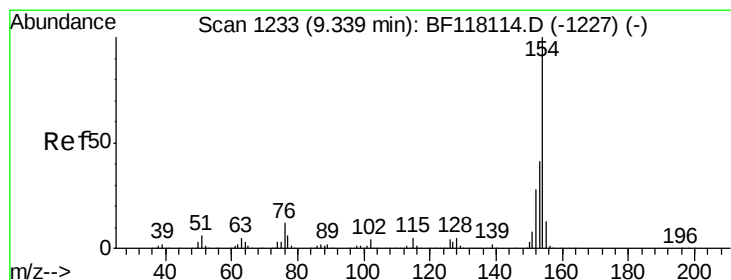
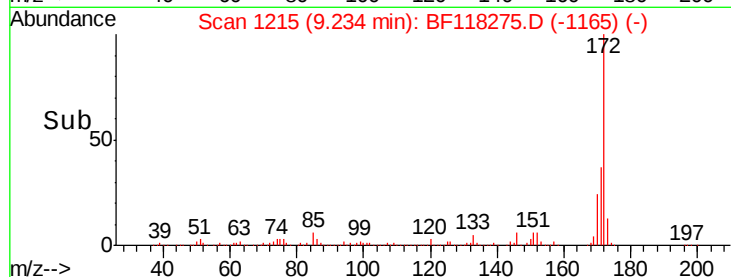
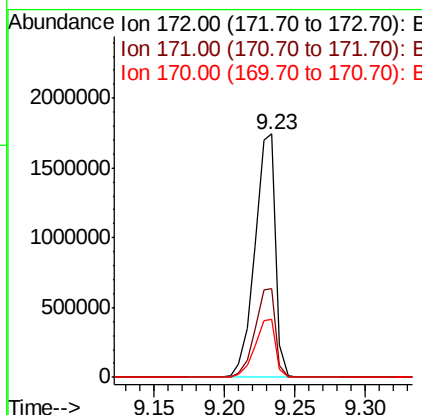
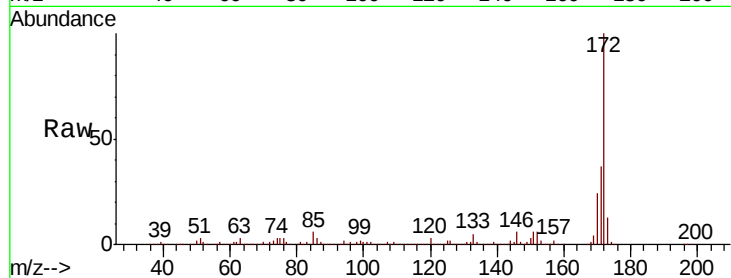




#45
 2-Fluorobiphenyl
 Concen: 77.245 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

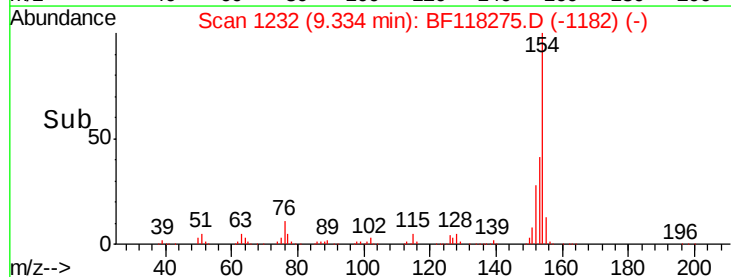
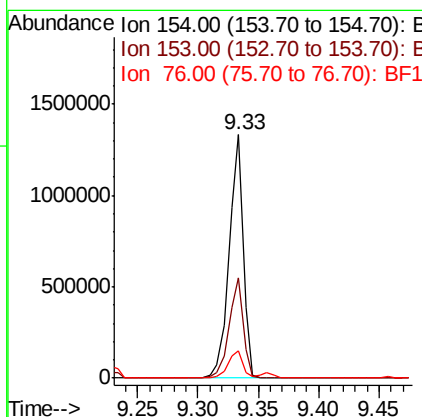
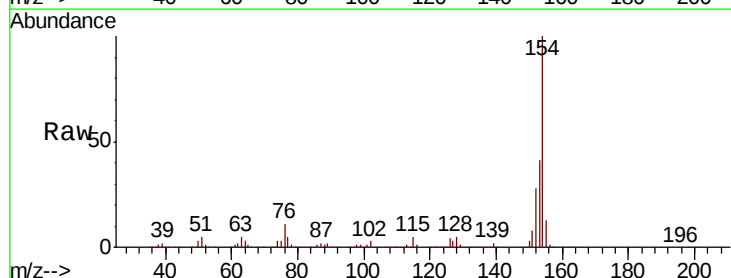
Instrument :
 BNA_F
 ClientSampleId :

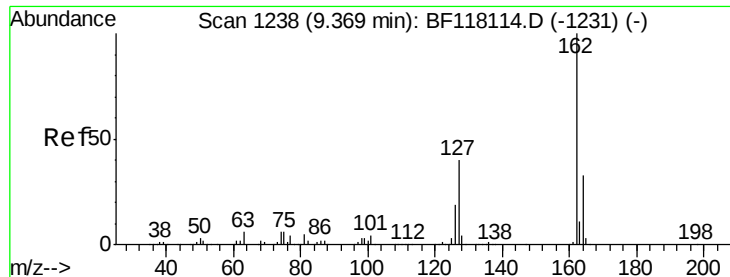
Tot Ion:172 Resp: 1798252
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.2 43.8
 170 24.0 19.4 29.2



#46
 1,1'-Biphenyl
 Concen: 38.719 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Tgt Ion:154 Resp: 1081738
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.7 60.7
 76 11.4 0.0 31.9

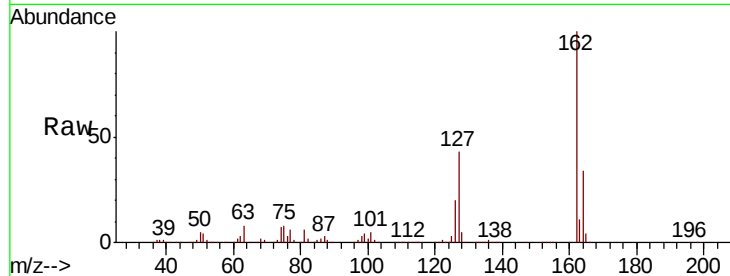




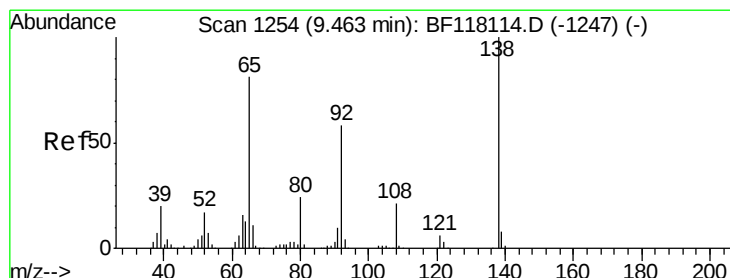
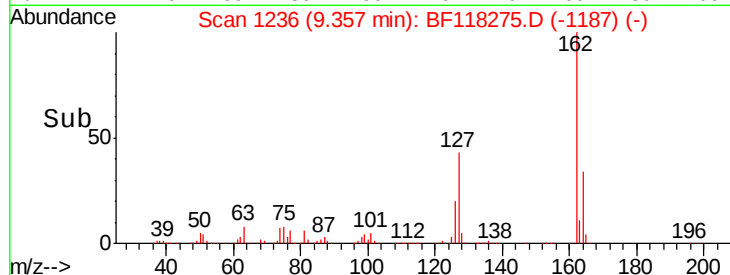
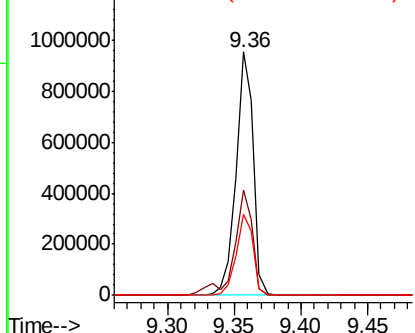
#47
2-Chloronaphthalene
Concen: 38.371 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 862346
Ion Ratio Lower Upper
162 100
127 43.2 32.0 48.0
164 33.5 26.1 39.1

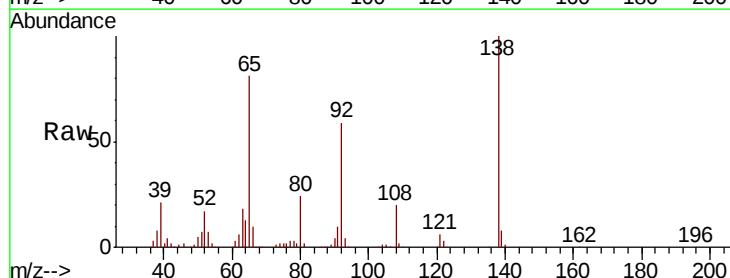


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

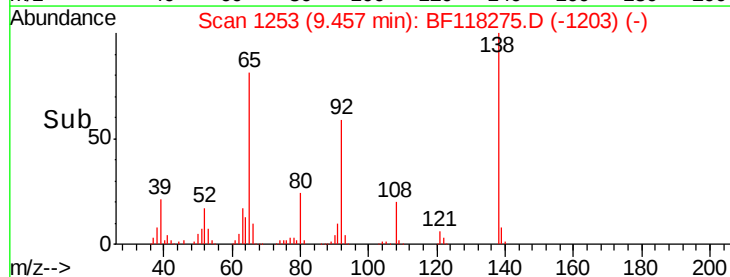
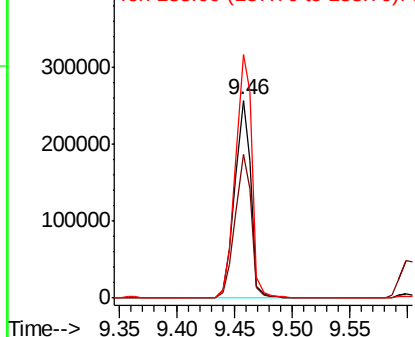


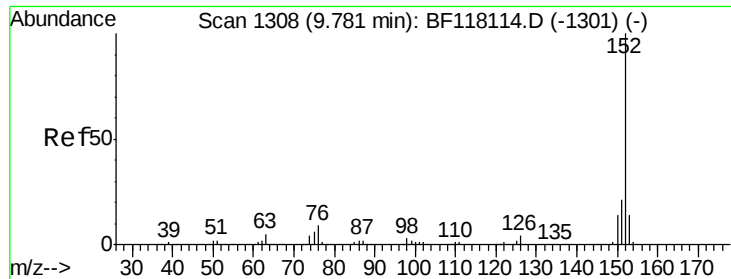
#48
2-Nitroaniline
Concen: 38.651 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion: 65 Resp: 247714
Ion Ratio Lower Upper
65 100
92 72.7 57.8 86.6
138 123.3 98.8 148.2



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: 38.369 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampleId :

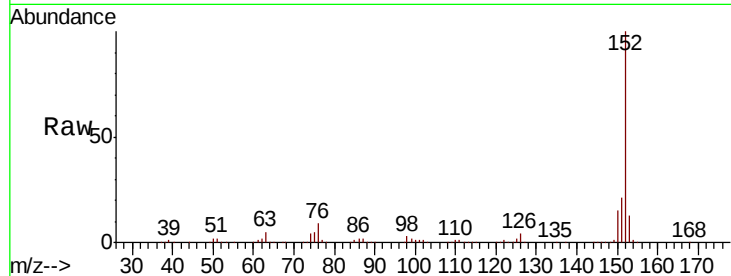
Tot Ion:152 Resp: 1271838

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

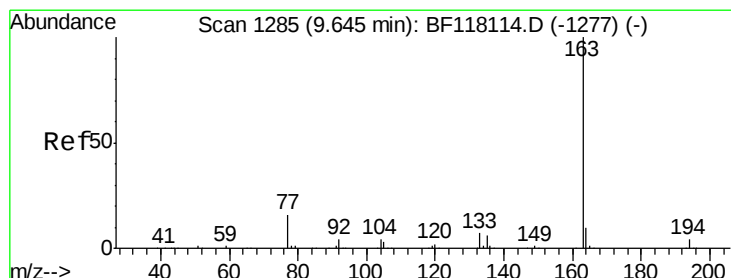
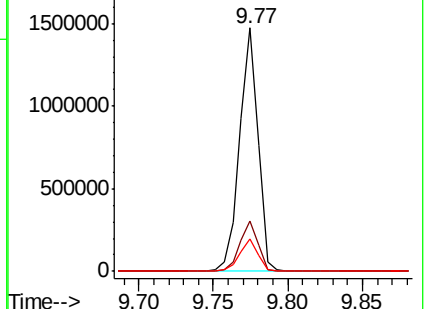
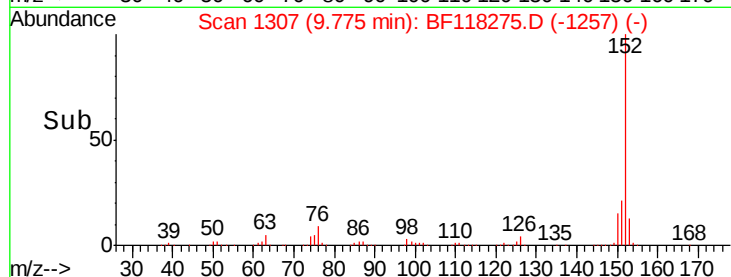
153 13.4 10.8 16.2



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: 38.666 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

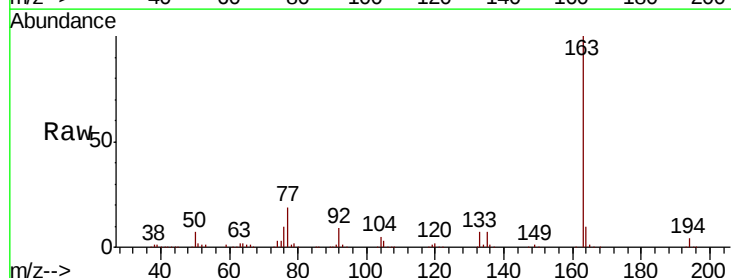
Tgt Ion:163 Resp: 1011720

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

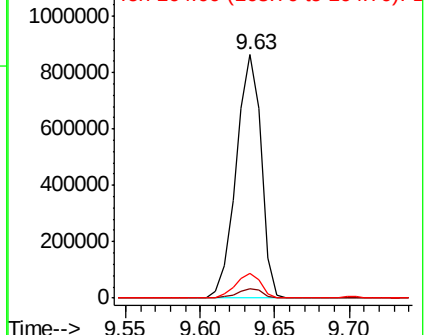
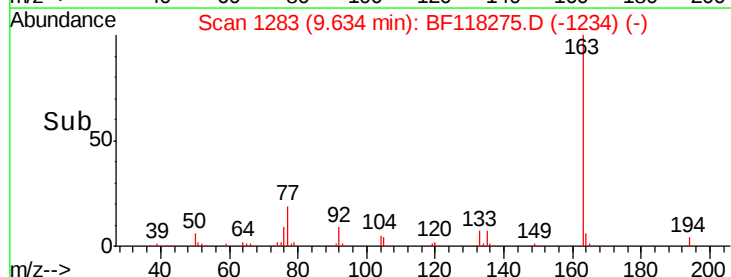
164 10.4 7.7 11.5

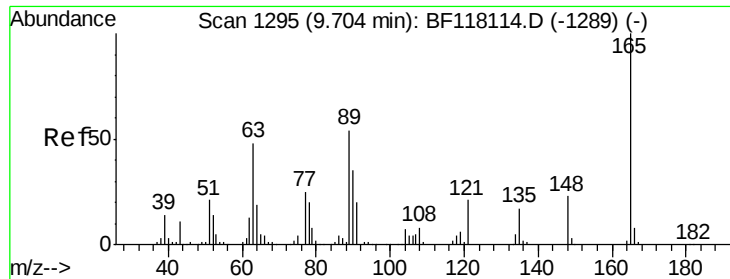


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

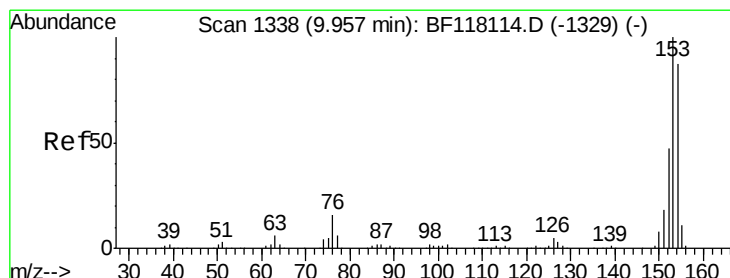
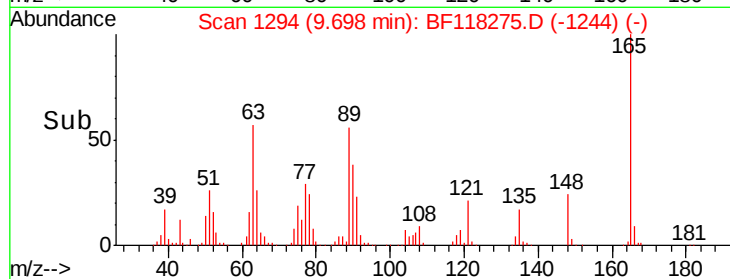
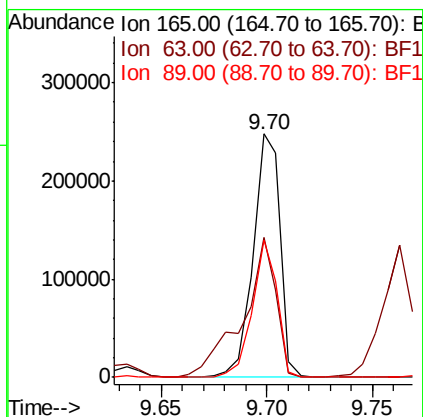
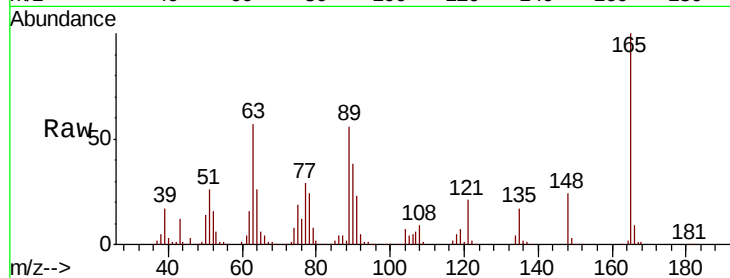




#51
2,6-Dinitrotoluene
Concen: 38.597 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

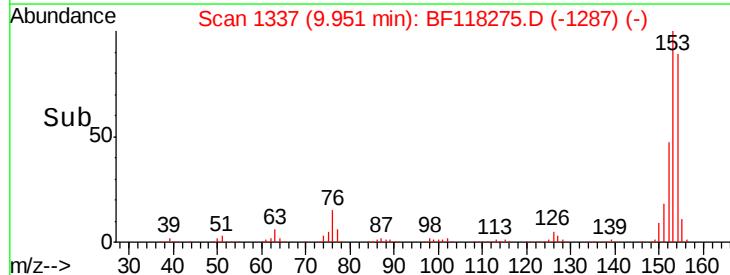
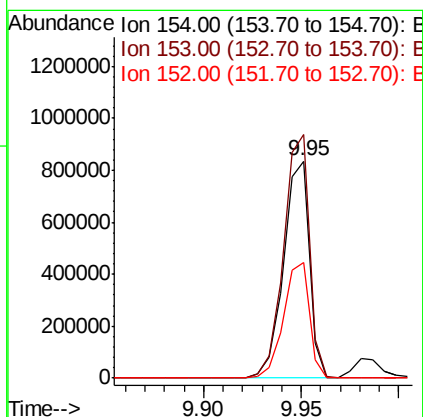
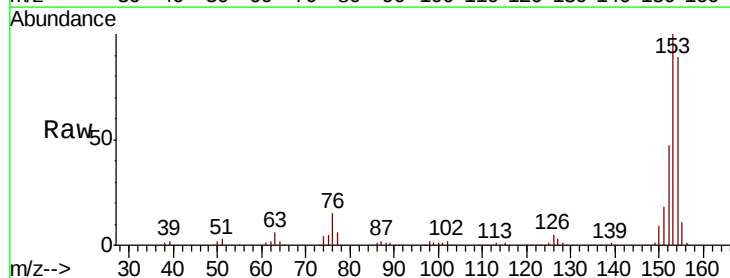
Instrument :
BNA_F
ClientSampled :

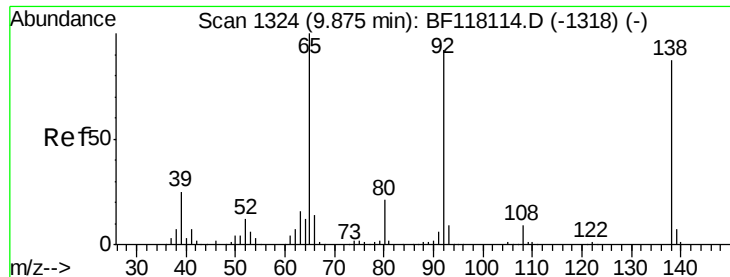
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.4	41.4	62.0
89	56.4	42.9	64.3



#52
Acenaphthene
Concen: 37.962 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.8	137.6
152	53.2	43.3	64.9

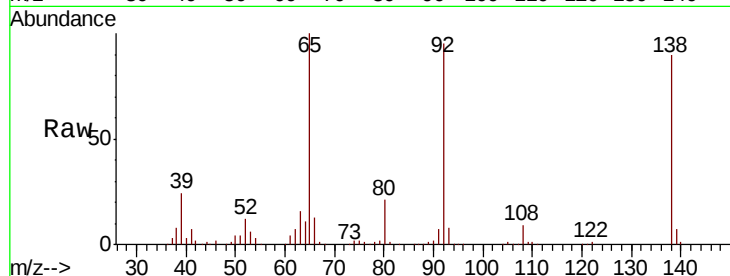




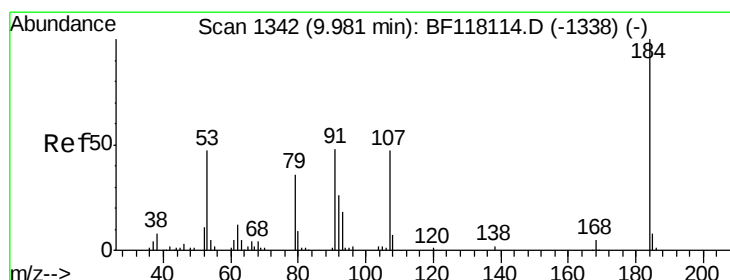
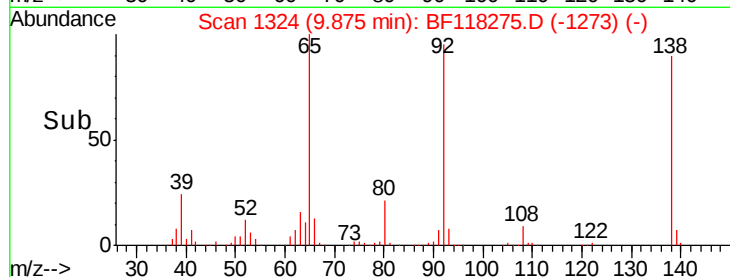
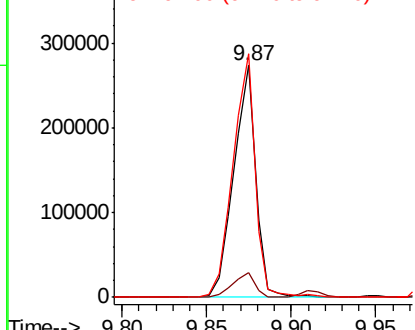
#53
3-Nitroaniline
Concen: 36.955 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 247438
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.4
92 105.1 84.9 127.3

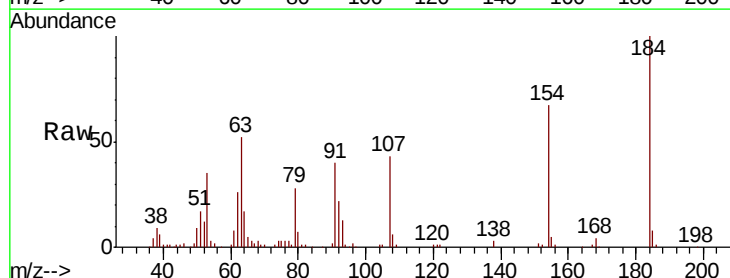


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

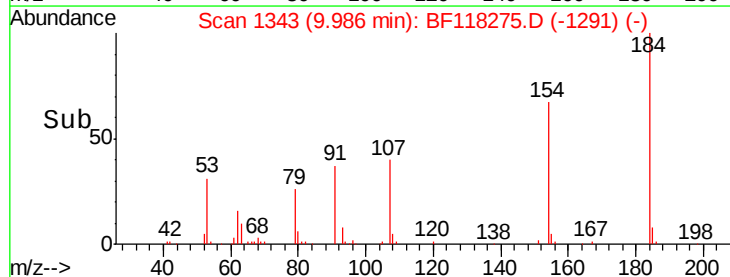
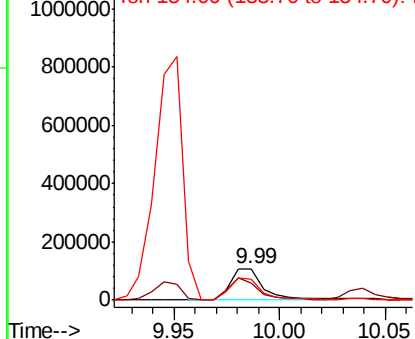


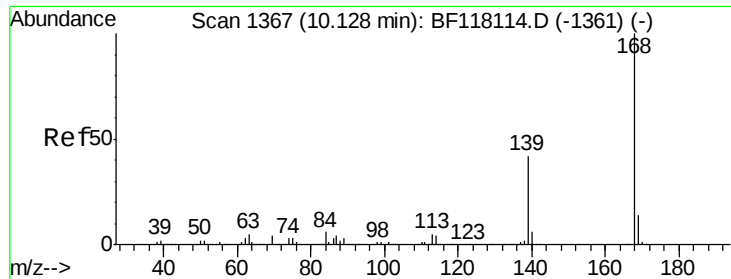
#54
2,4-Dinitrophenol
Concen: 42.241 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion:184 Resp: 119569
Ion Ratio Lower Upper
184 100
63 51.9 53.9 80.9#
154 67.0 56.3 84.5



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

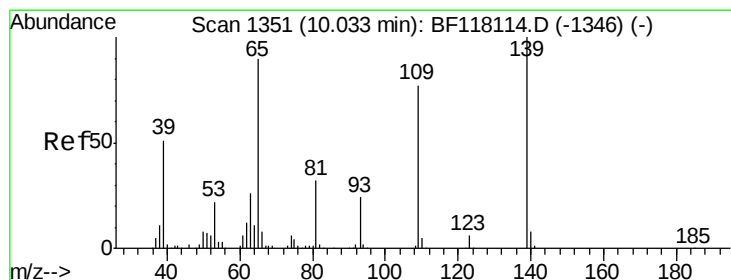
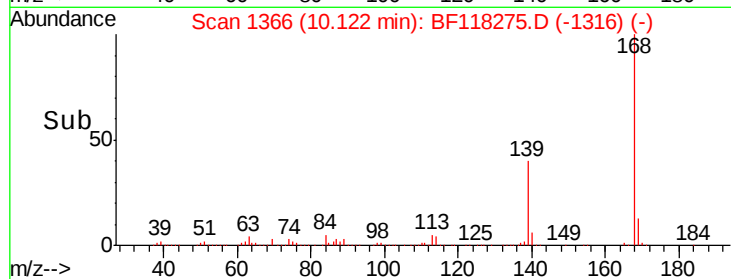
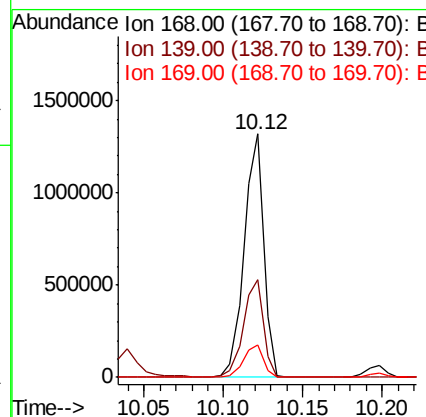
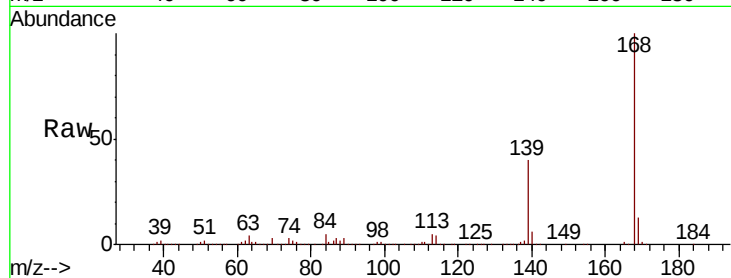




#55
Dibenzofuran
Concen: 37.998 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

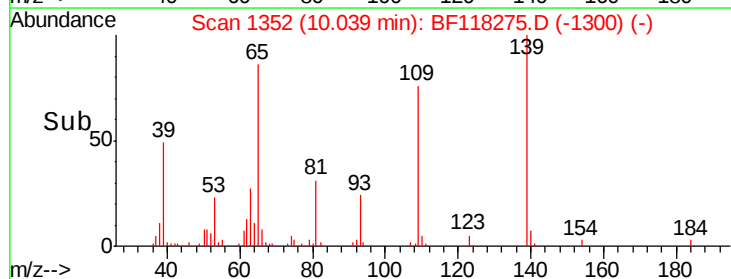
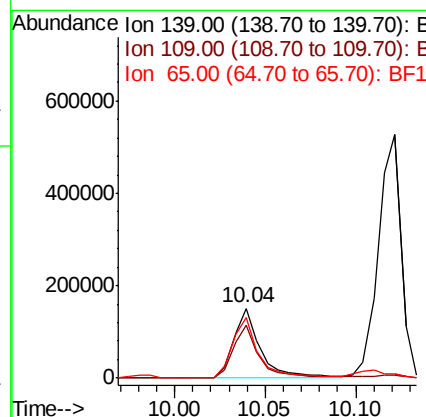
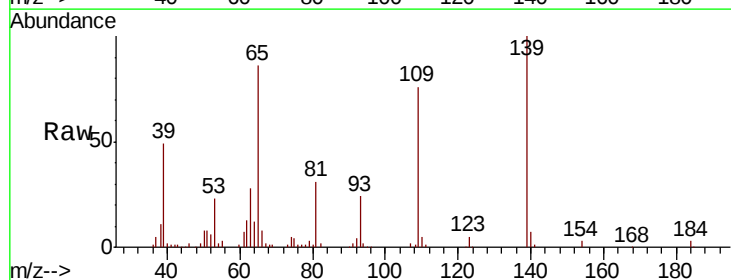
Instrument :
BNA_F
ClientSampleId :

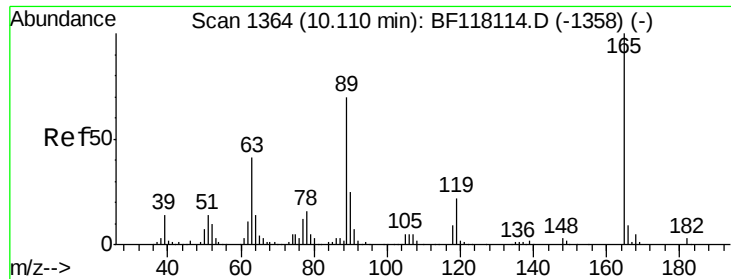
Tot Ion:168 Resp: 1126475
Ion Ratio Lower Upper
168 100
139 39.9 33.4 50.0
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 33.718 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion:139 Resp: 156678
Ion Ratio Lower Upper
139 100
109 75.6 57.3 97.3
65 86.3 70.2 110.2

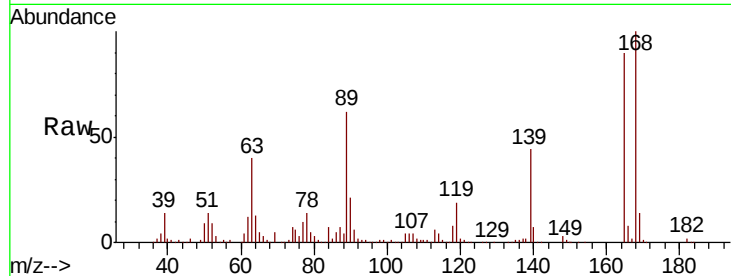




#57
2,4-Dinitrotoluene
Concen: 38.255 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	32.6	49.0
89	68.8	56.1	84.1
182	2.8	2.1	3.1



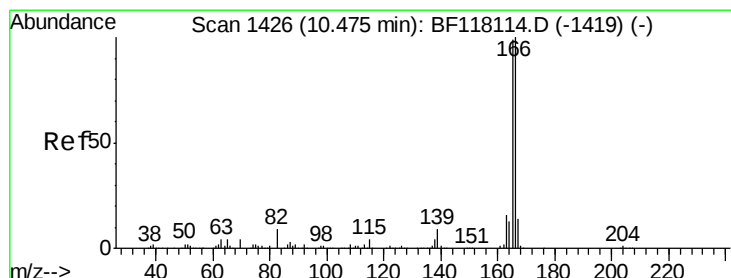
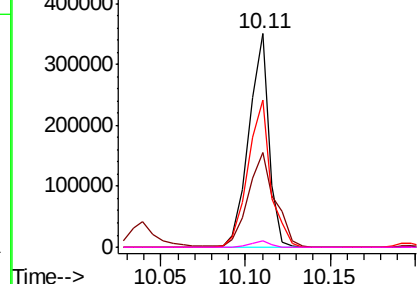
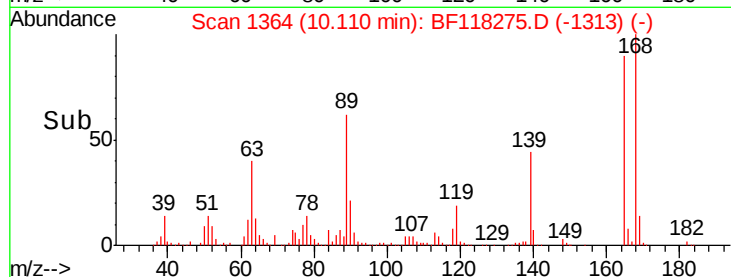
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

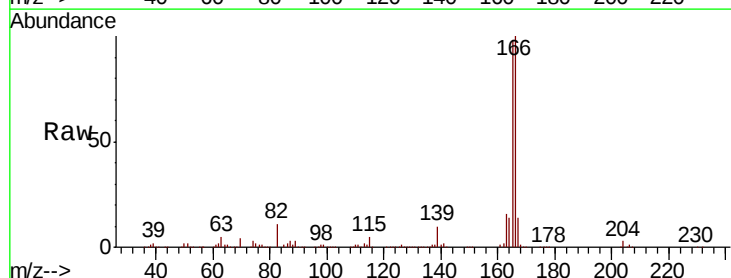
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.571 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	13.7	10.9	16.3

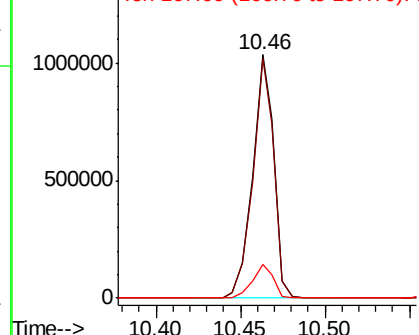
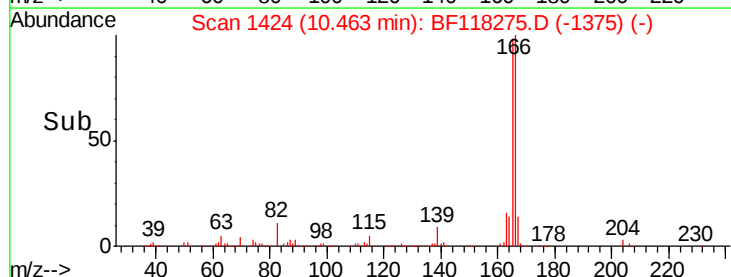


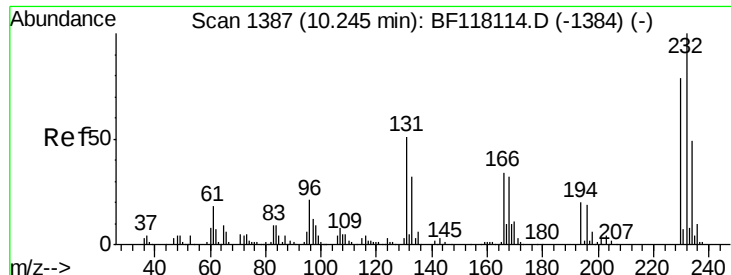
Abundance

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

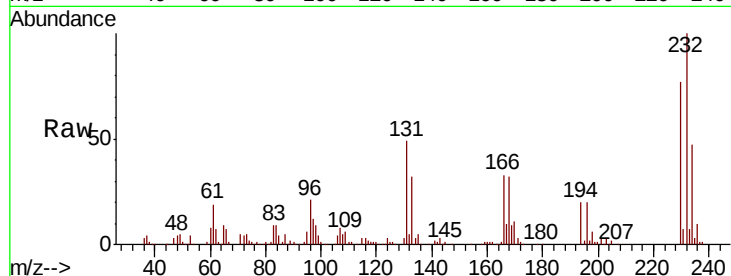




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.334 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.8	38.8	58.2
130	2.4	1.9	2.9
166	30.6	25.4	38.0



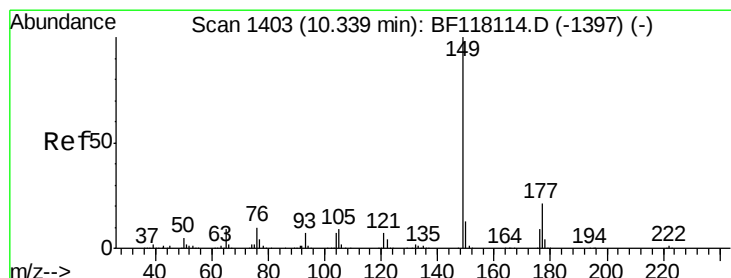
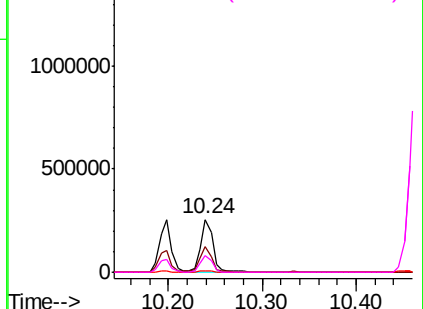
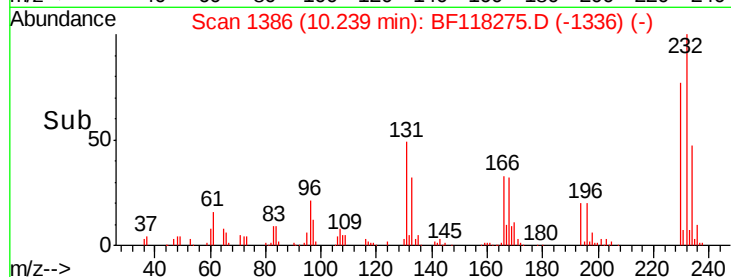
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

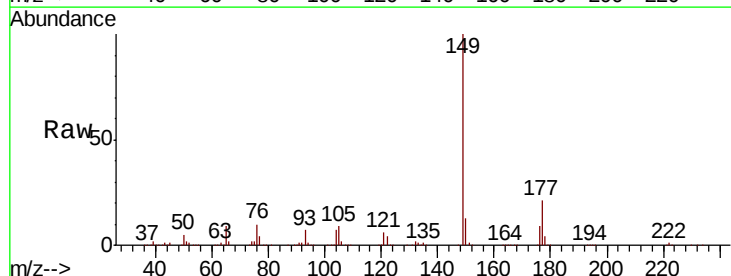
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.673 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.4
150	12.6	10.1	15.1

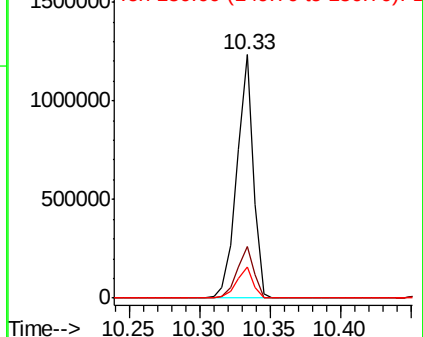
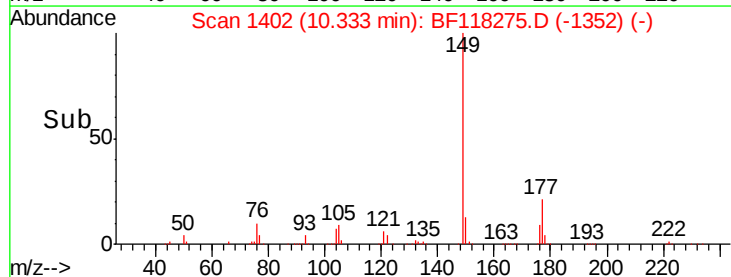


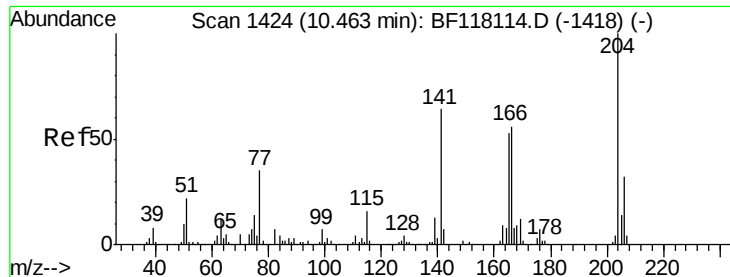
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

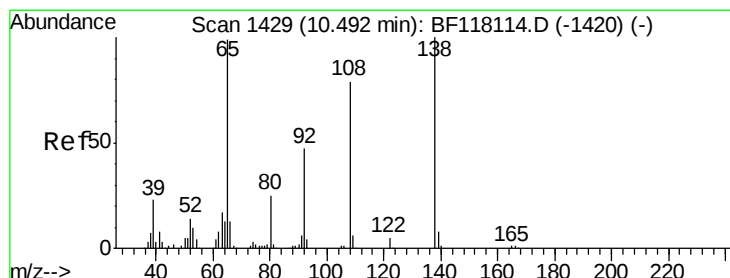
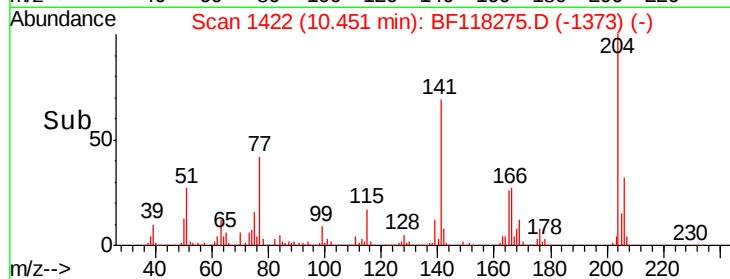
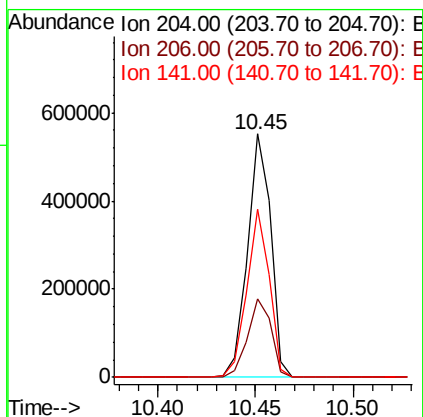
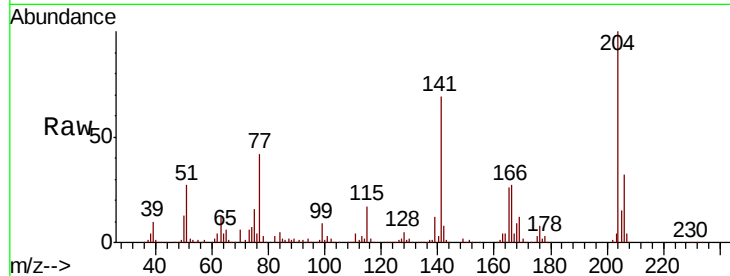




#61
 4-Chlorophenyl-phenylether
 Concen: 38.394 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

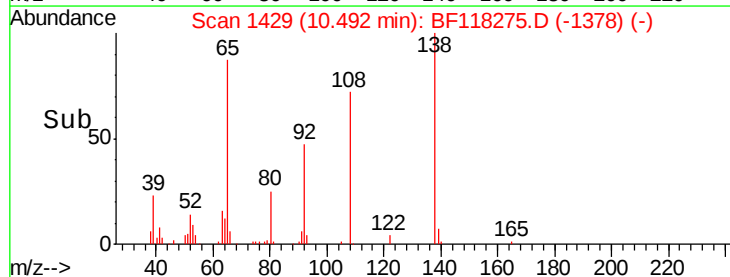
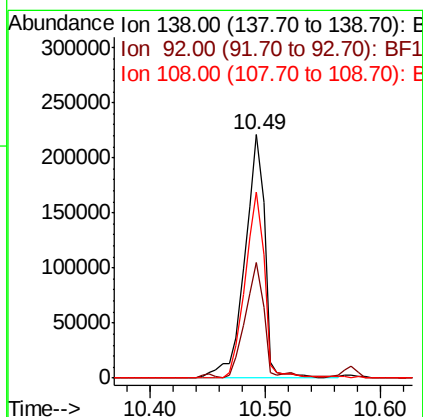
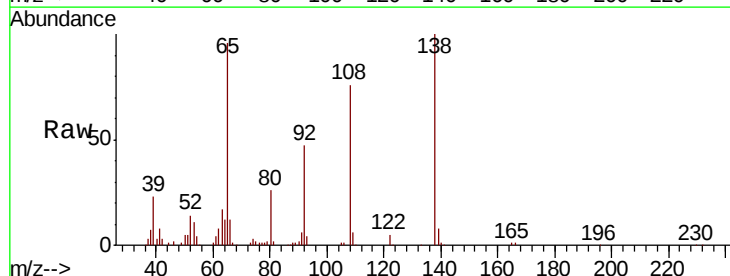
Instrument :
 BNA_F
 ClientSampled :

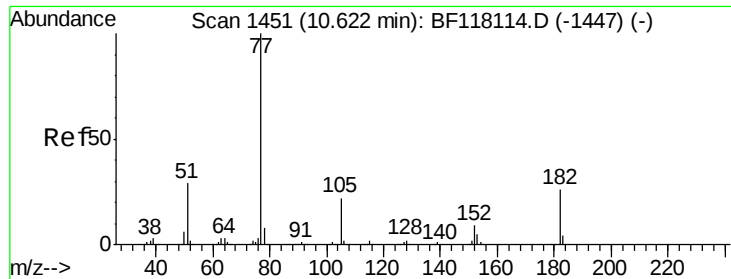
Tot Ion:	204	Resp:	455115
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.0	39.0
141	68.9	51.0	76.6



#62
 4-Nitroaniline
 Concen: 38.052 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Tgt Ion:	138	Resp:	265733
Ion	Ratio	Lower	Upper
138	100		
92	47.4	27.1	67.1
108	76.4	59.0	99.0

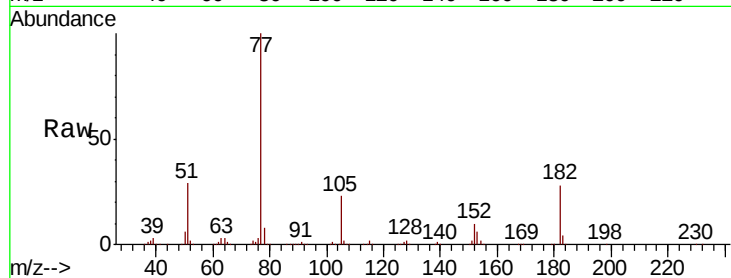




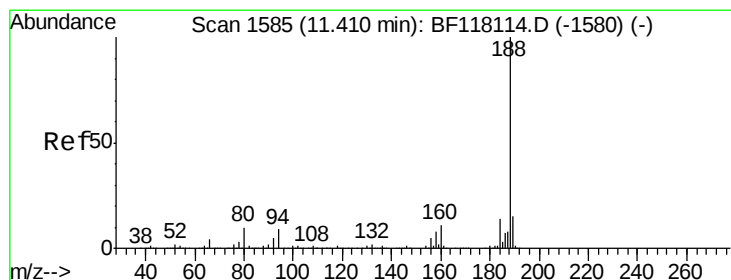
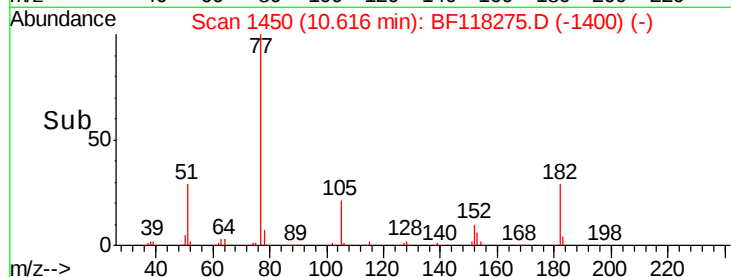
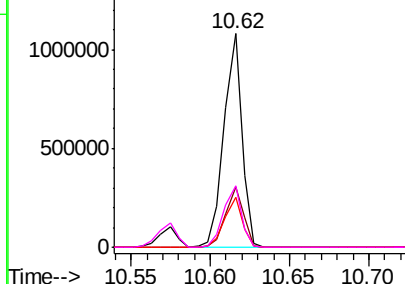
#63
Azobenzene
Concen: 38.593 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	849336
Ion	Ratio	Lower	Upper
77	100		
182	28.2	5.7	45.7
105	23.1	2.2	42.2
51	28.9	9.6	49.6

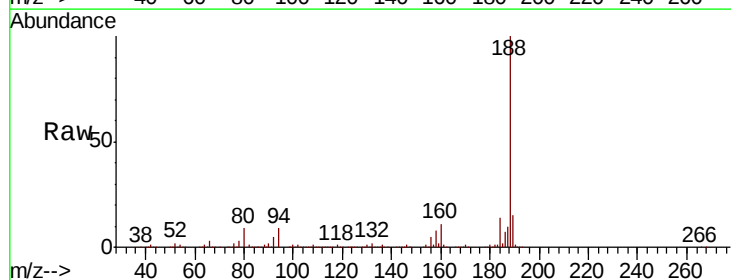


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

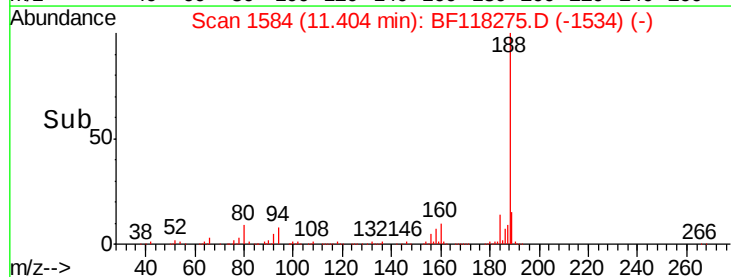
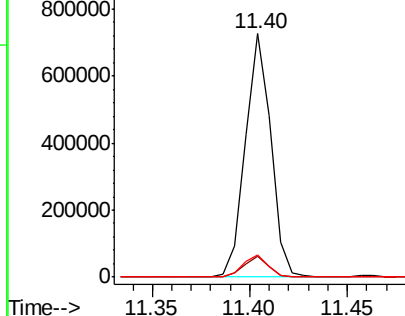


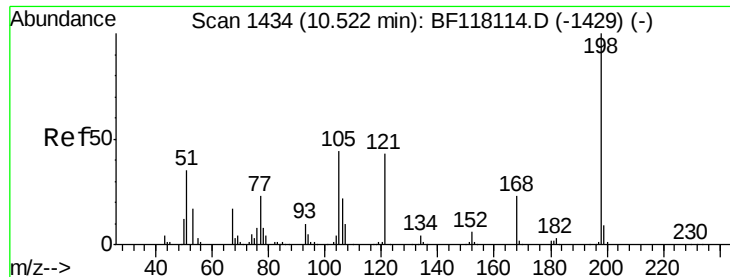
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion:	188	Resp:	657838
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.2	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

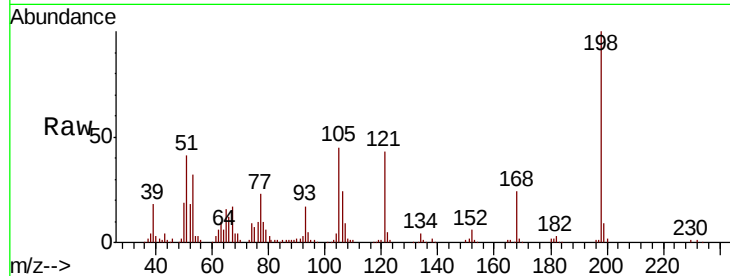




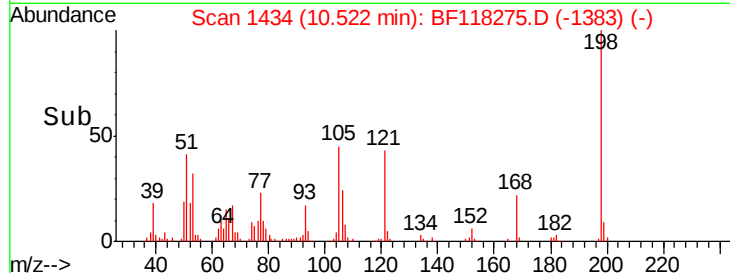
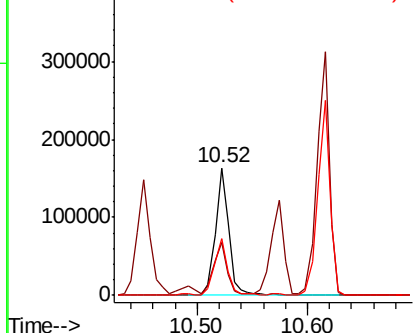
#65
4,6-Dinitro-2-methylphenol
Concen: 38.087 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 138368
Ion Ratio Lower Upper
198 100
51 41.2 22.0 62.0
105 44.8 25.6 65.6

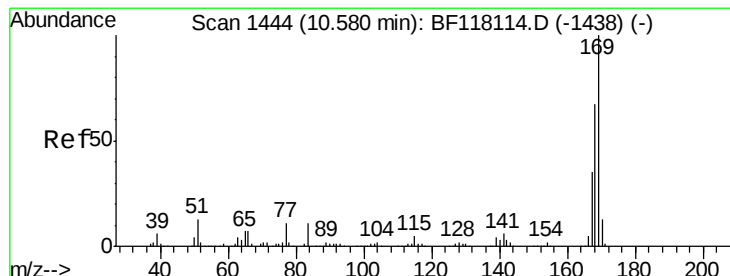


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

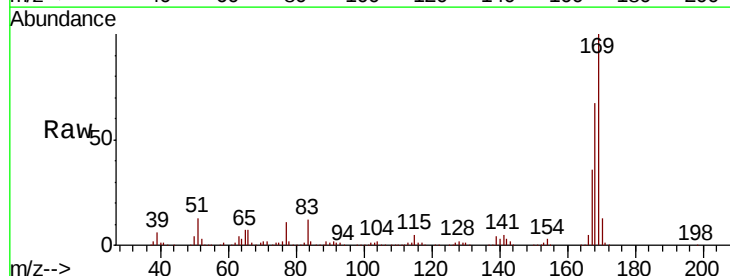
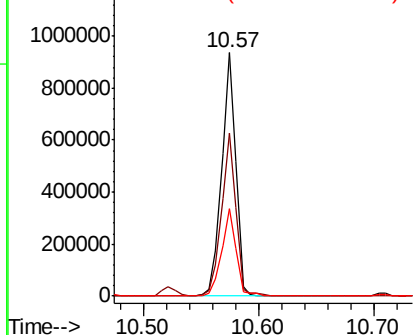


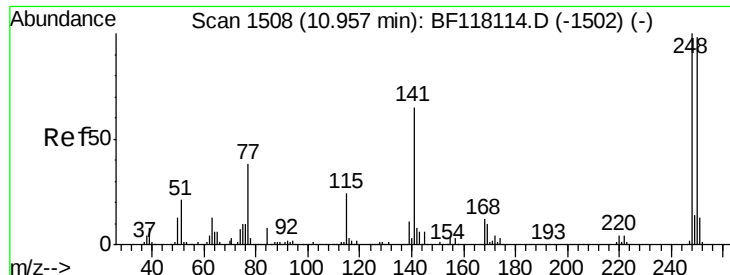
#66
n-Nitrosodiphenylamine
Concen: 38.851 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion:169 Resp: 798125
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 35.7 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

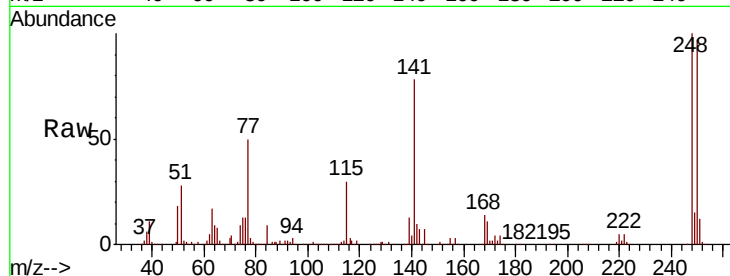




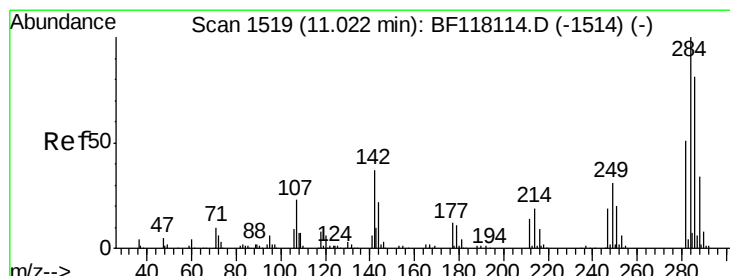
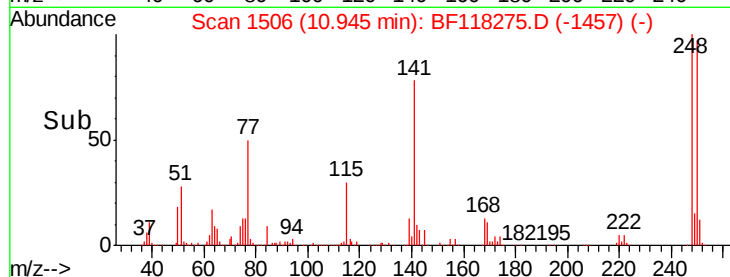
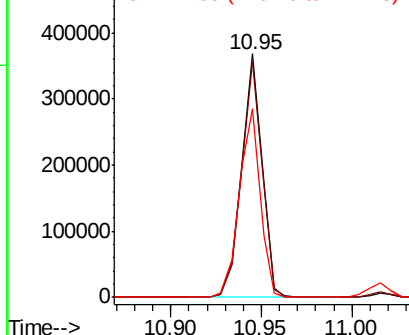
#67
4-Bromophenyl-phenylether
Concen: 38.556 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 289528
Ion Ratio Lower Upper
248 100
250 97.1 78.3 117.5
141 77.7 52.2 78.4

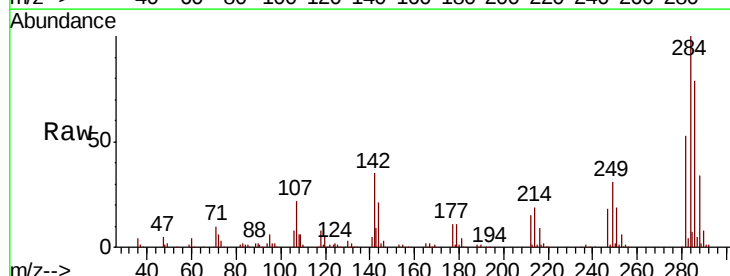


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

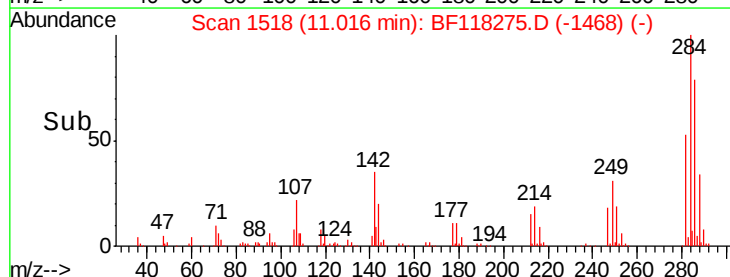
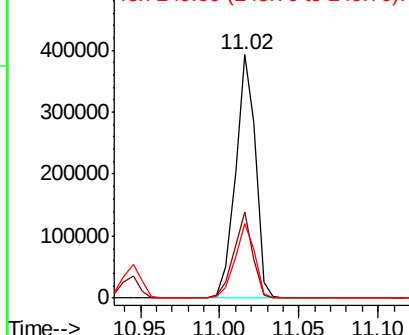


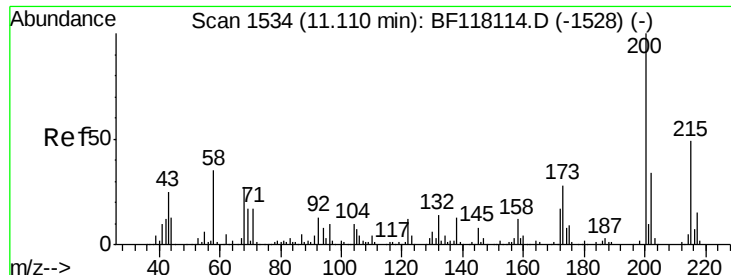
#68
Hexachlorobenzene
Concen: 38.502 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion:284 Resp: 340306
Ion Ratio Lower Upper
284 100
142 35.5 29.7 44.5
249 30.9 24.6 37.0



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

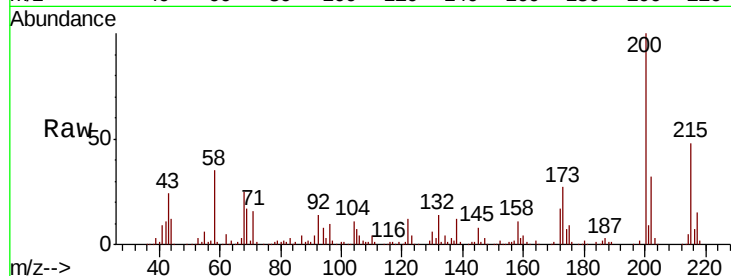




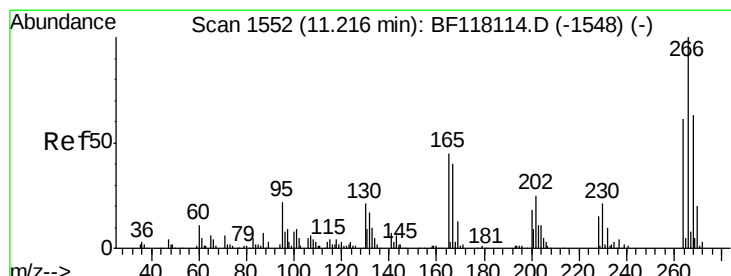
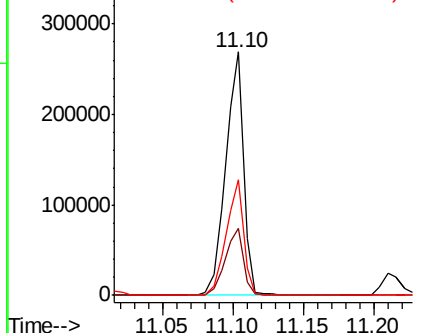
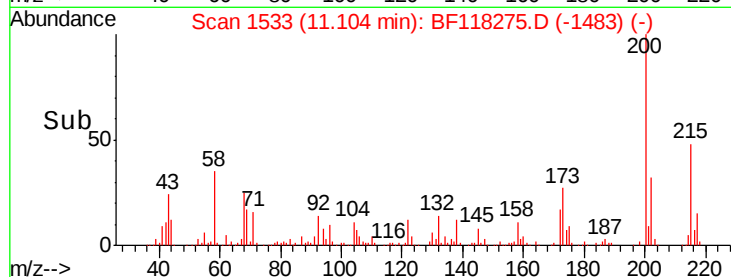
#69
 Atrazine
 Concen: 42.432 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.1	48.1
215	47.5	29.0	69.0

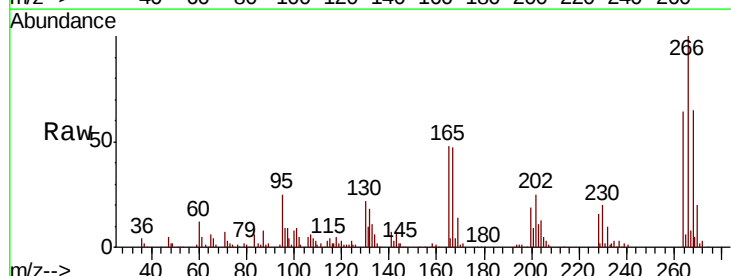


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

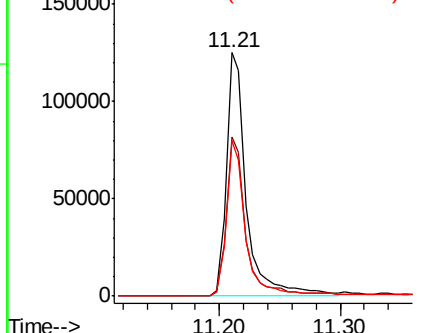
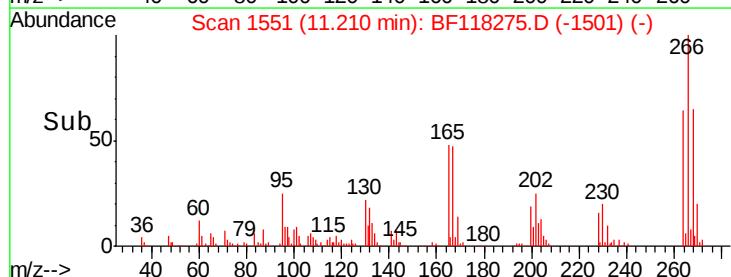


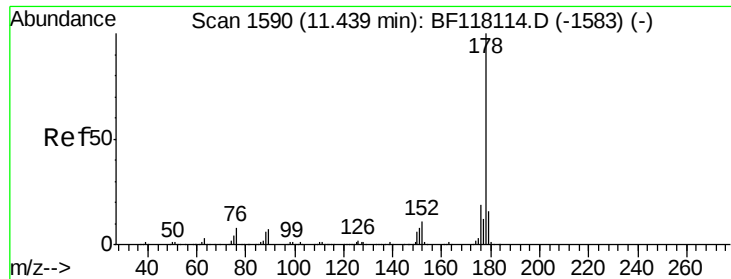
#70
 Pentachlorophenol
 Concen: 34.410 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.7	76.1
264	63.7	48.7	73.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

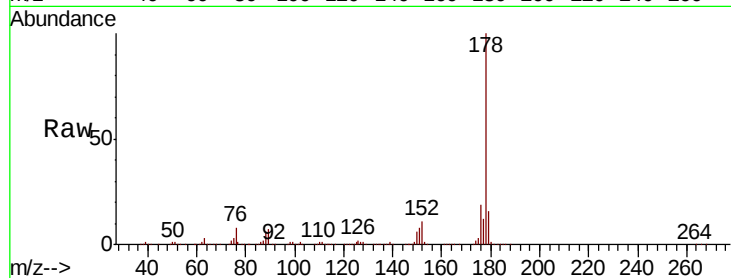




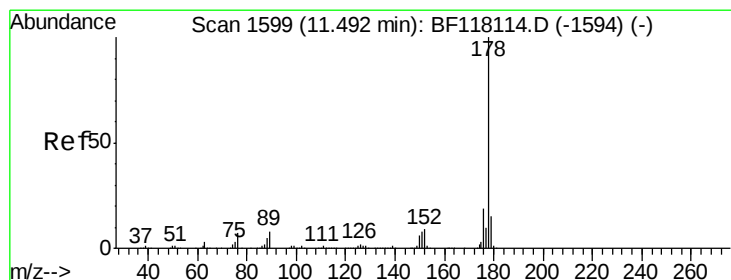
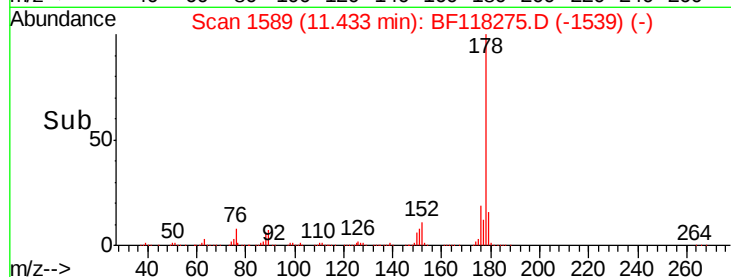
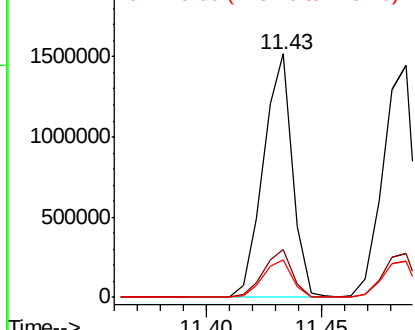
#71
Phenanthrene
Concen: 38.164 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1334606
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.6 18.8

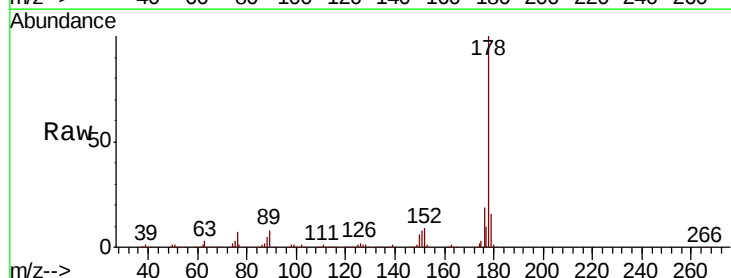


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

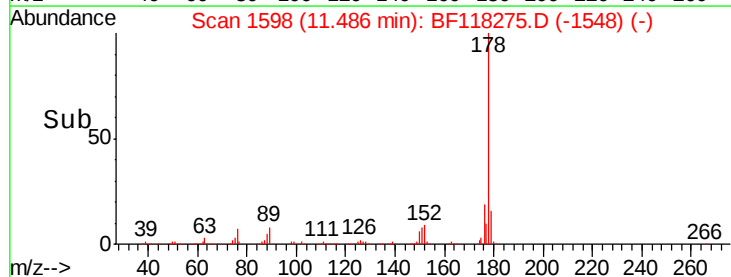
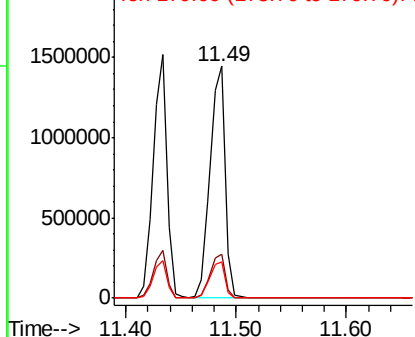


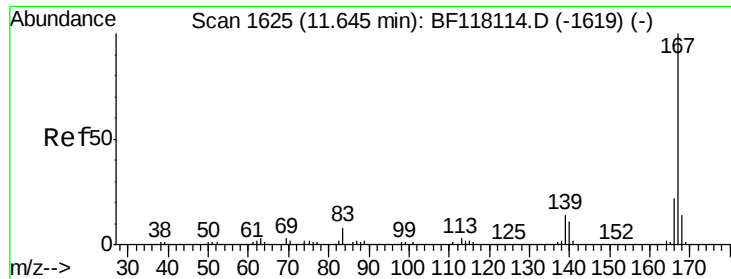
#72
Anthracene
Concen: 38.418 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion:178 Resp: 1340207
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.7 12.2 18.4



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

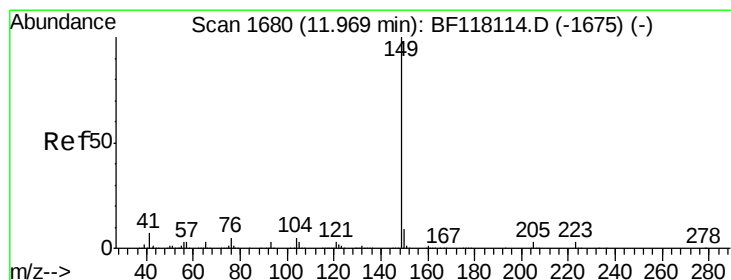
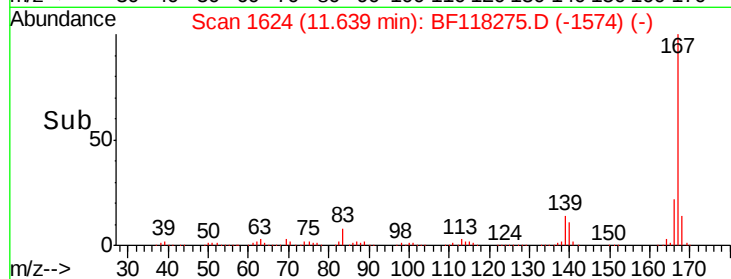
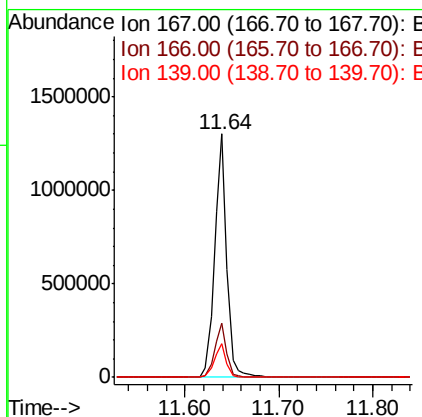
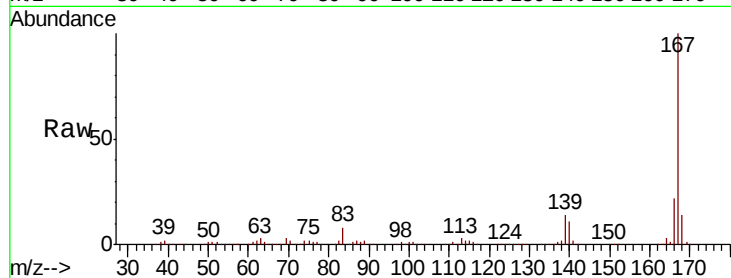




#73
 Carbazole
 Concen: 37.767 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

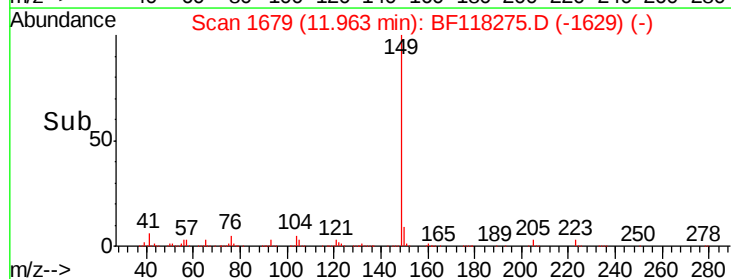
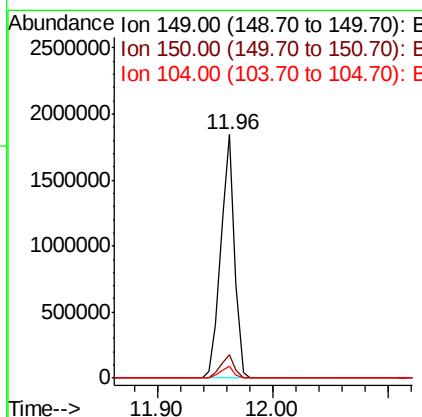
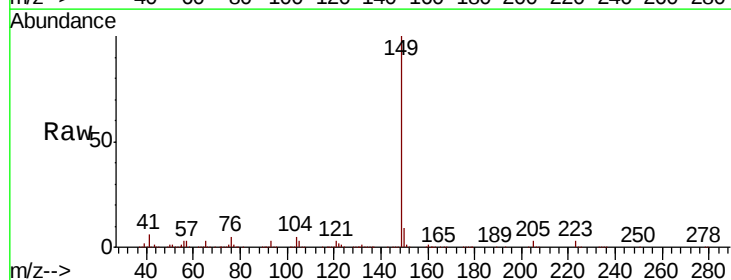
Instrument :
 BNA_F
 ClientSampleId :

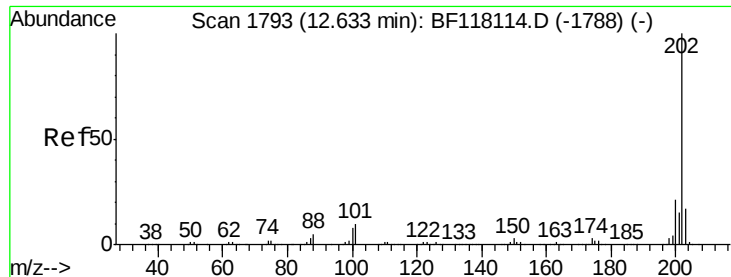
Tot Ion:167 Resp: 1182092
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 13.7 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 38.802 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Tgt Ion:149 Resp: 1519937
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.2 4.3 6.5



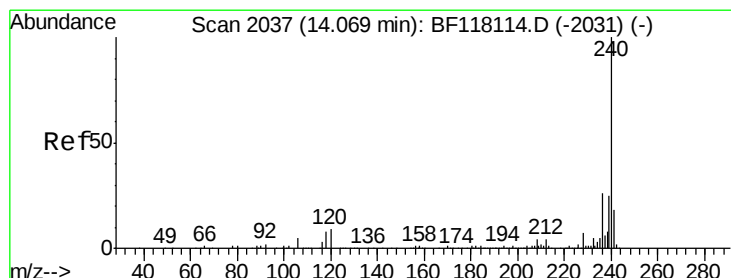
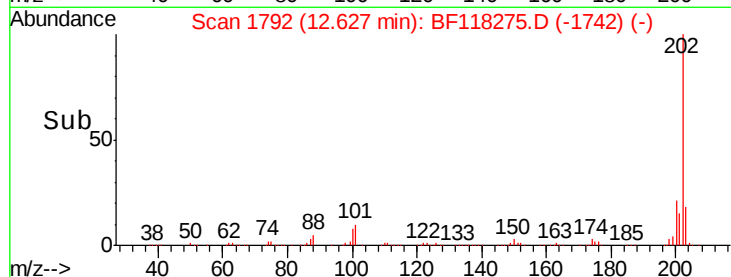
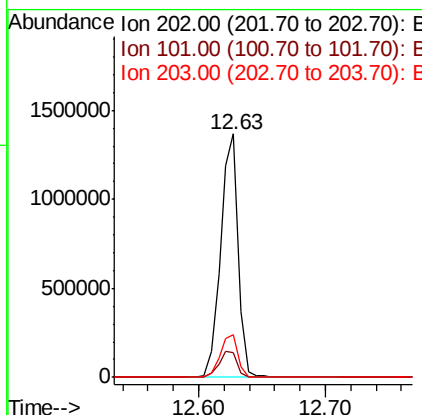
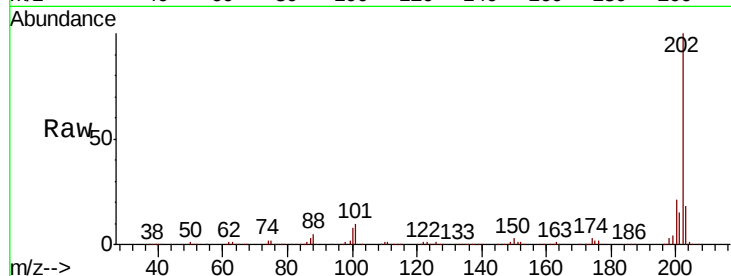


#75
 Fluoranthene
 Concen: 36.715 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1312683

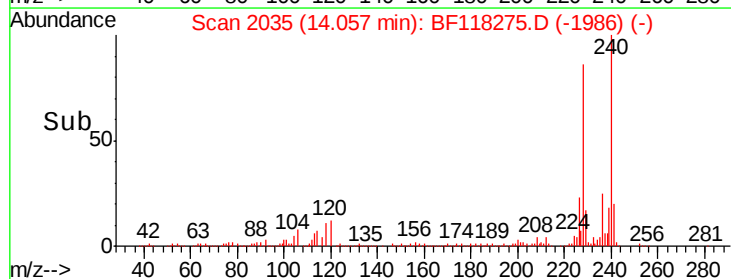
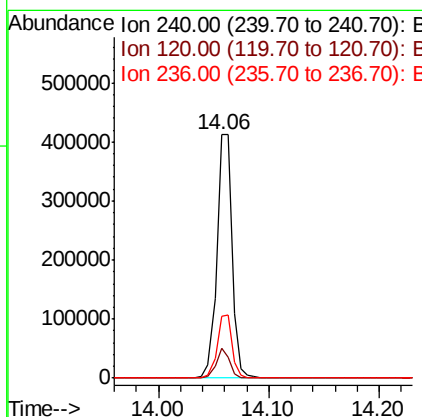
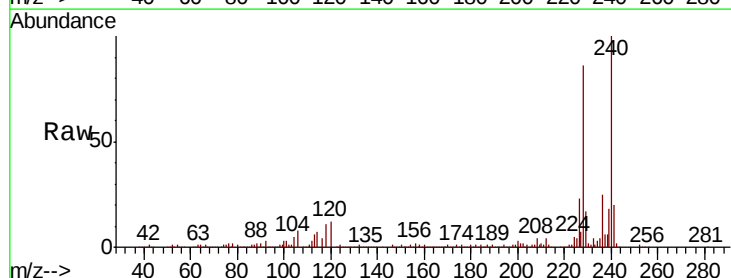
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.6	0.0	37.2

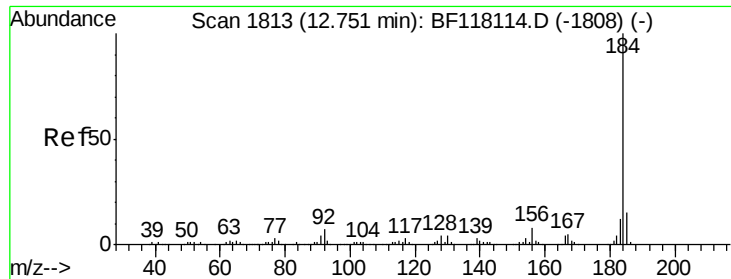


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118275.D
 Acq: 19 Dec 2019 13:05

Tgt Ion:240 Resp: 395909

Ion	Ratio	Lower	Upper
240	100		
120	12.1	7.1	10.7#
236	25.3	21.0	31.6





#77

Benzidine

Concen: 34.652 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampleId :

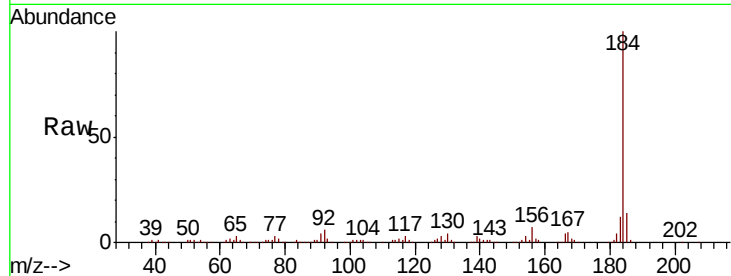
Tot Ion:184 Resp: 361156

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

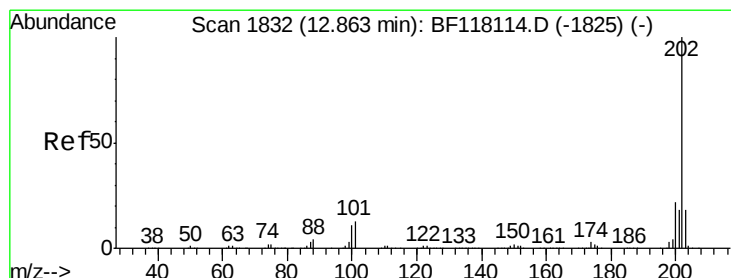
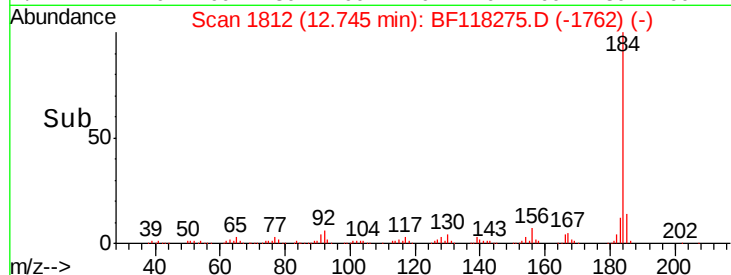
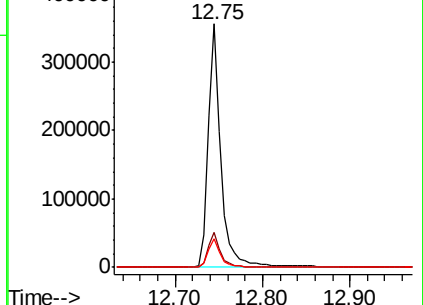
183 11.9 9.9 14.9



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: 42.207 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

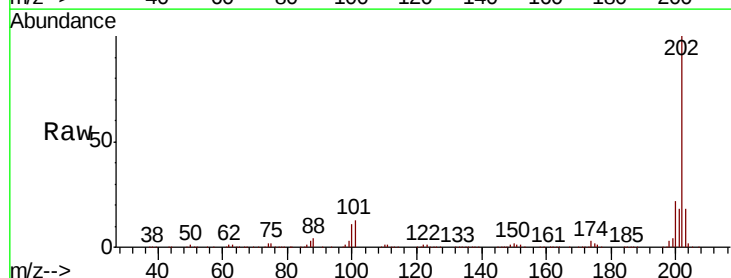
Tgt Ion:202 Resp: 1316824

Ion Ratio Lower Upper

202 100

200 21.6 17.5 26.3

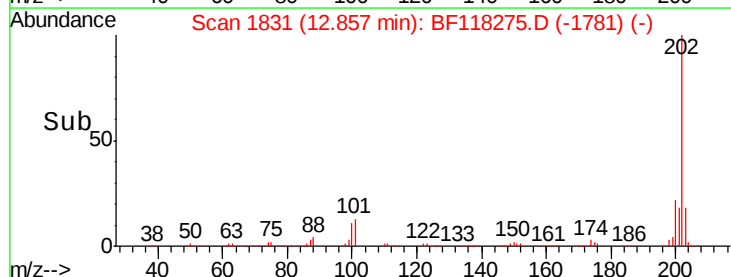
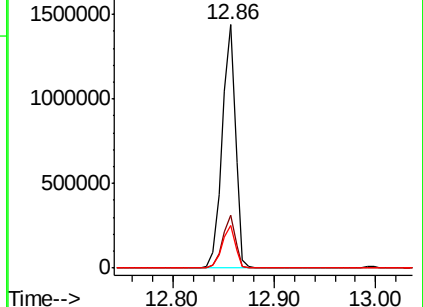
203 17.6 14.6 21.8

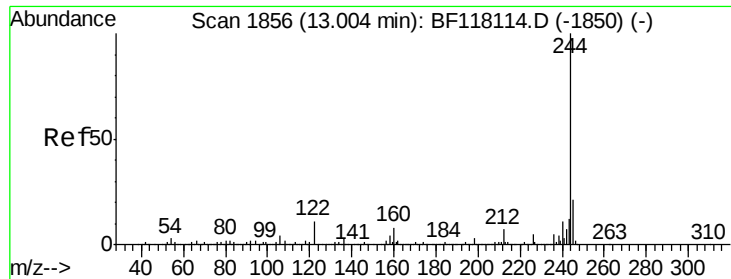


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.851 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampled :

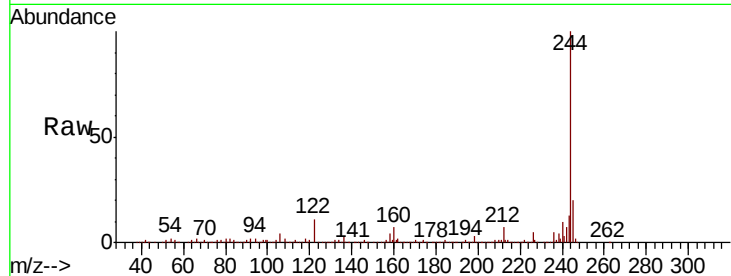
Tot Ion:244 Resp: 1953528

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

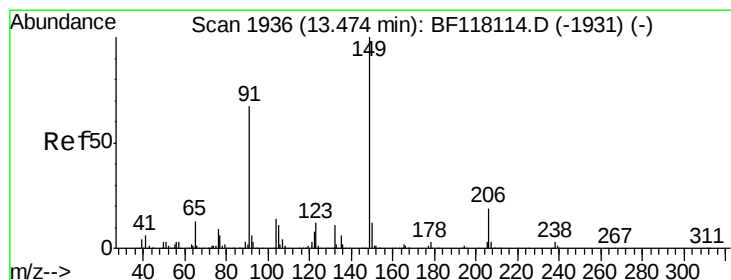
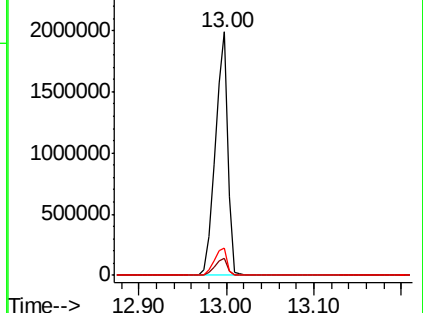
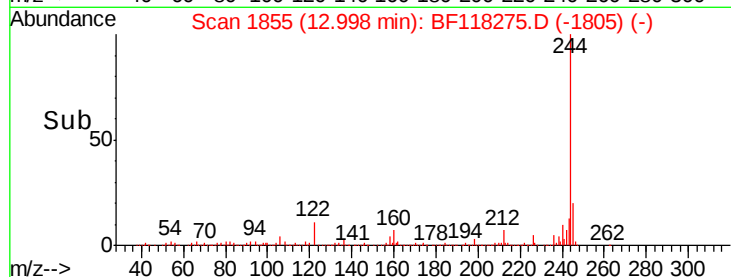
122 11.4 9.0 13.6



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: 41.093 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

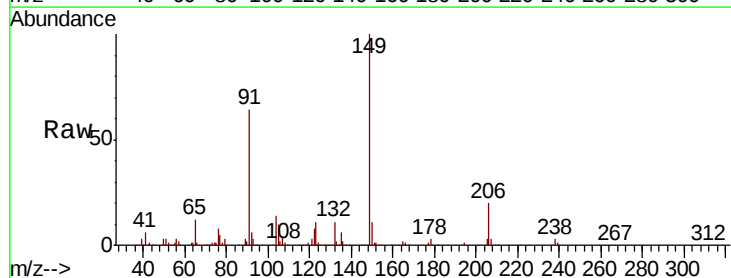
Tgt Ion:149 Resp: 580627

Ion Ratio Lower Upper

149 100

91 63.5 53.9 80.9

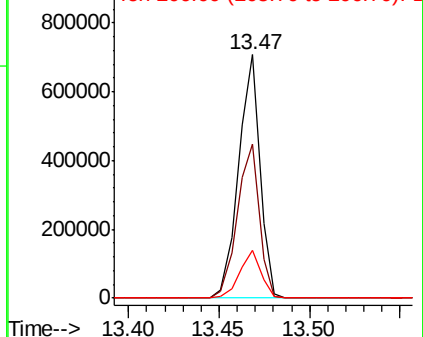
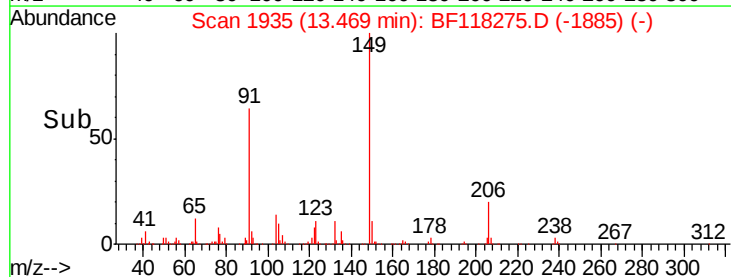
206 19.6 15.2 22.8

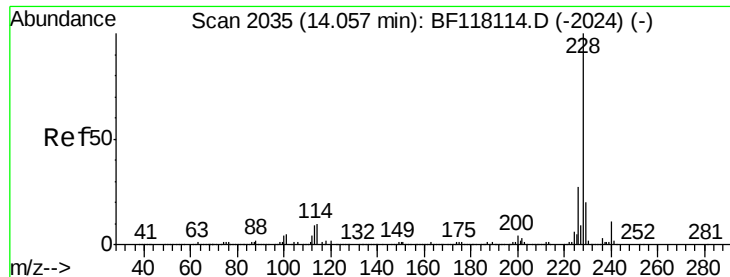


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.774 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampleId :

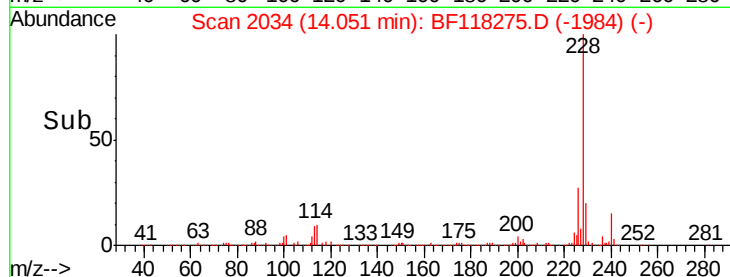
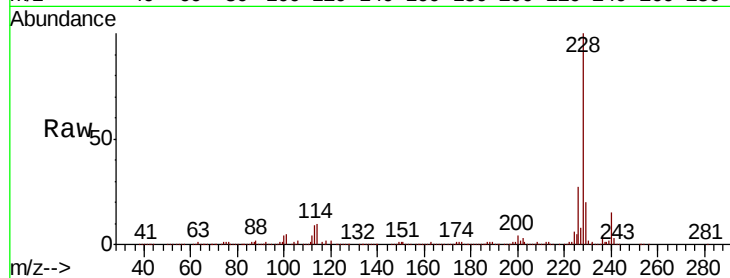
Tot Ion:228 Resp: 1034090

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

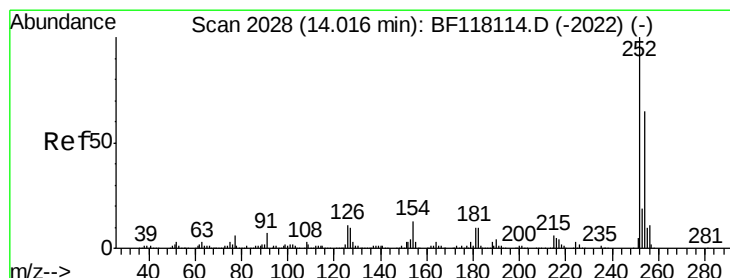
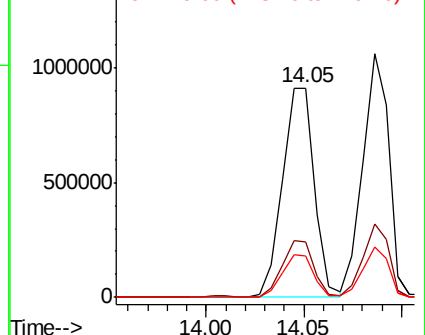
229 19.6 15.8 23.8



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: 38.077 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

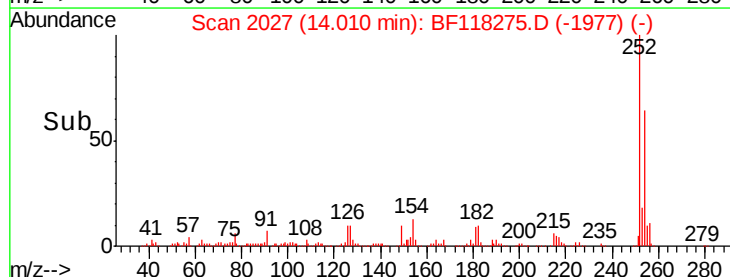
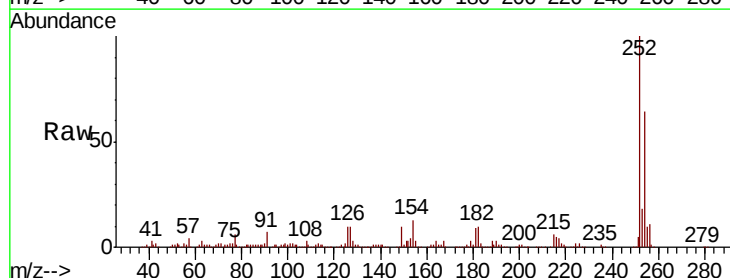
Tgt Ion:252 Resp: 342342

Ion Ratio Lower Upper

252 100

254 64.4 52.2 78.4

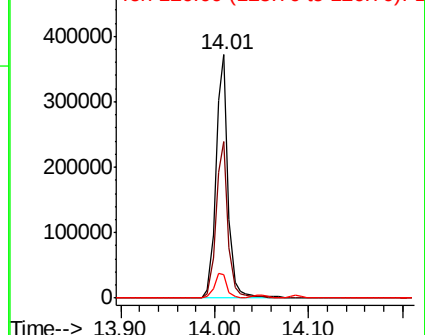
126 9.8 8.6 13.0

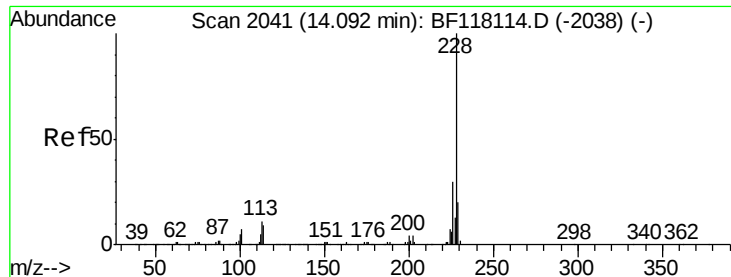


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.229 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampled :

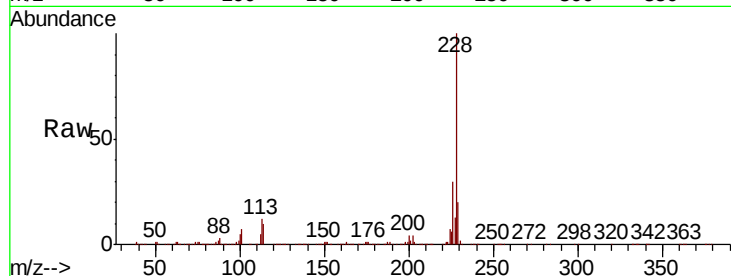
Tot Ion:228 Resp: 999704

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

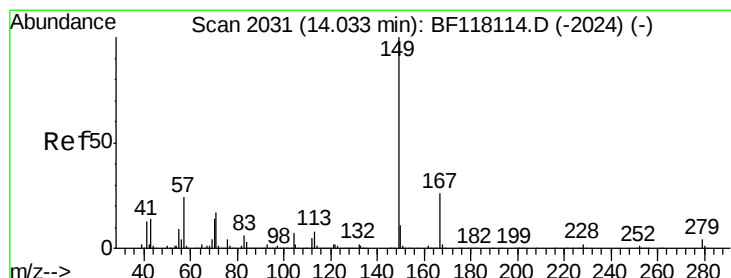
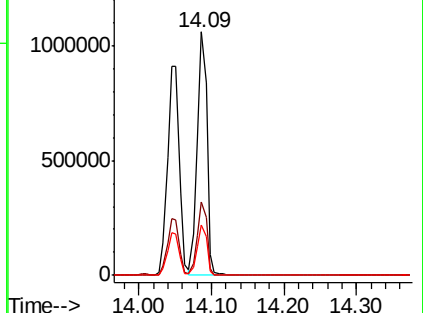
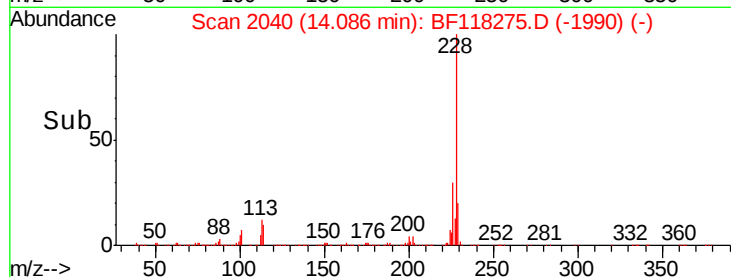
229 20.4 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.759 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

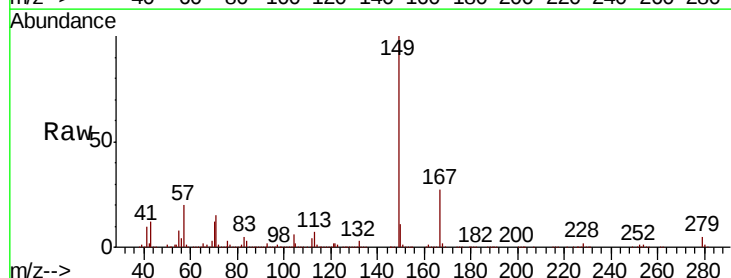
Tgt Ion:149 Resp: 740769

Ion Ratio Lower Upper

149 100

167 27.5 20.8 31.2

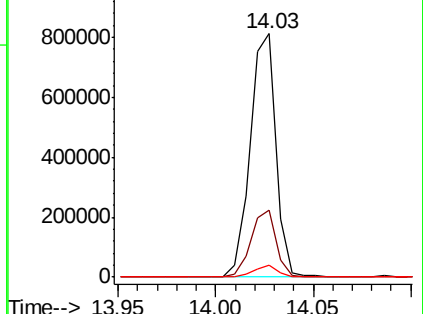
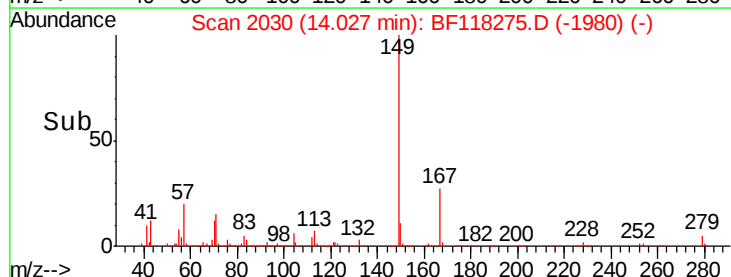
279 4.9 2.9 4.3#

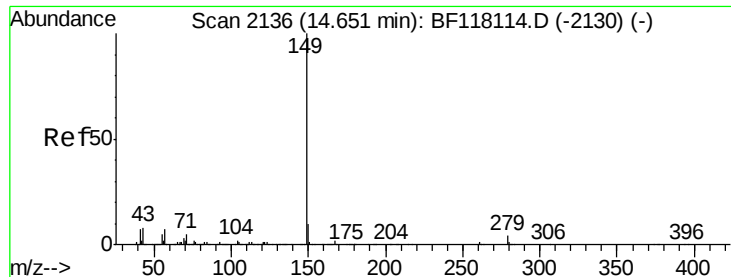


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.095 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

Instrument :

BNA_F

ClientSampleId :

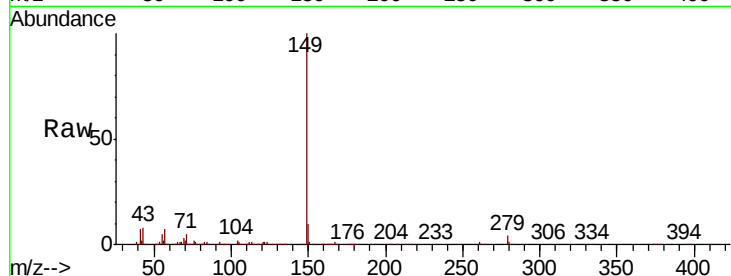
Tot Ion:149 Resp: 1046943

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

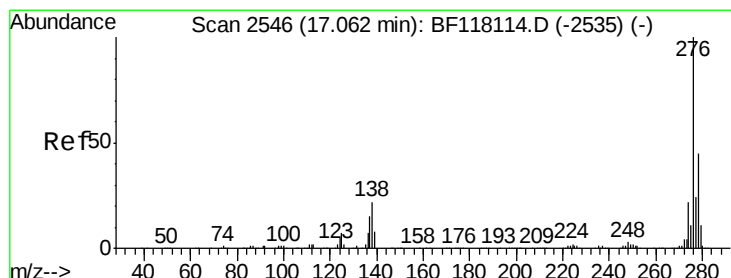
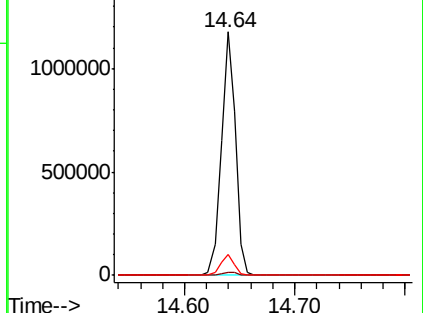
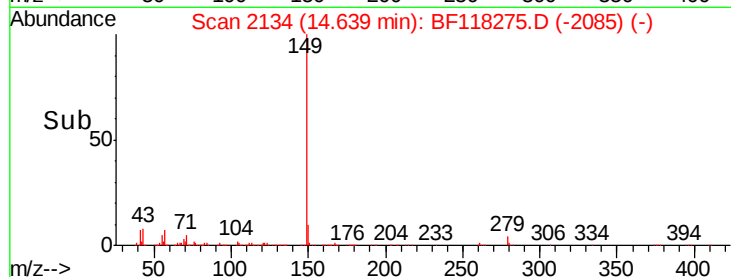
43 8.2 6.5 9.7



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: 39.698 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF118275.D

Acq: 19 Dec 2019 13:05

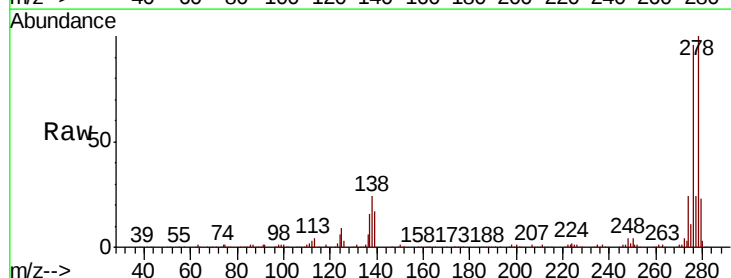
Tgt Ion:276 Resp: 873471

Ion Ratio Lower Upper

276 100

138 24.1 18.9 28.3

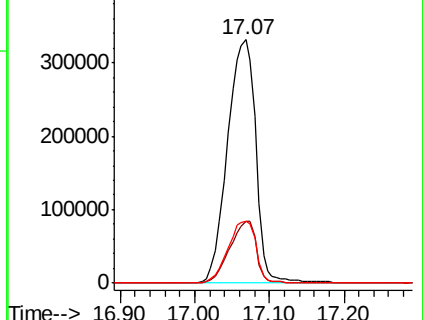
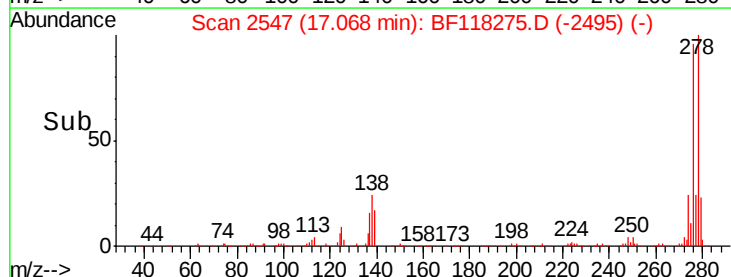
277 25.3 20.4 30.6

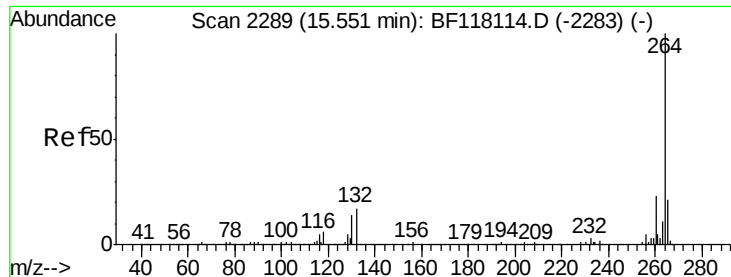


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



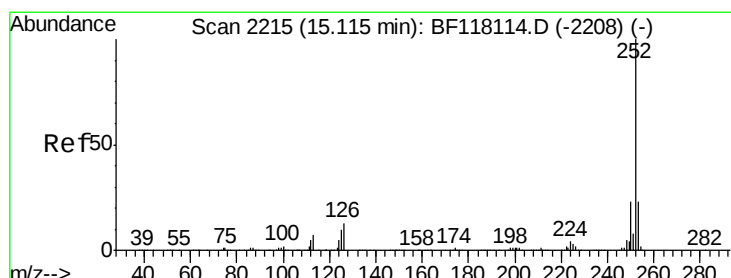
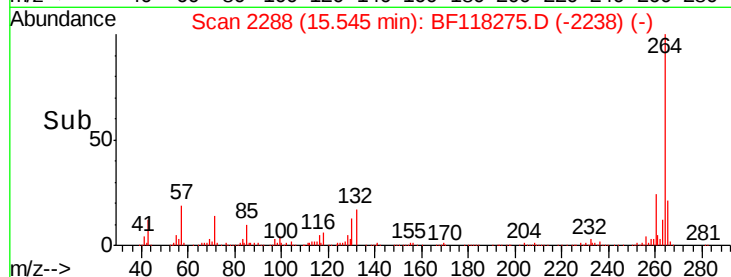
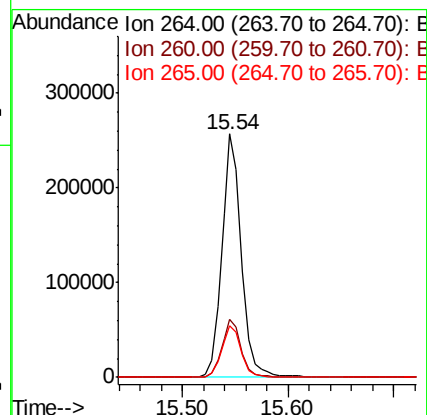
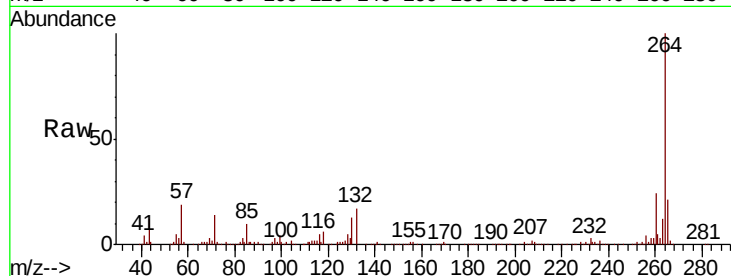


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 330932

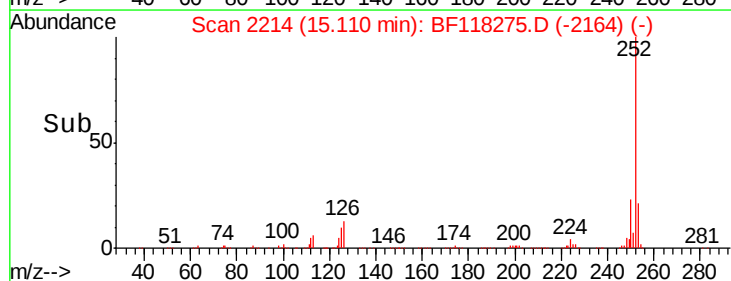
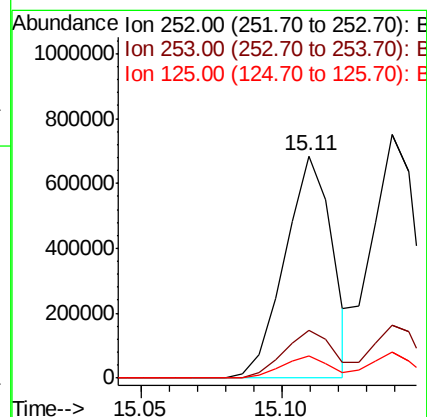
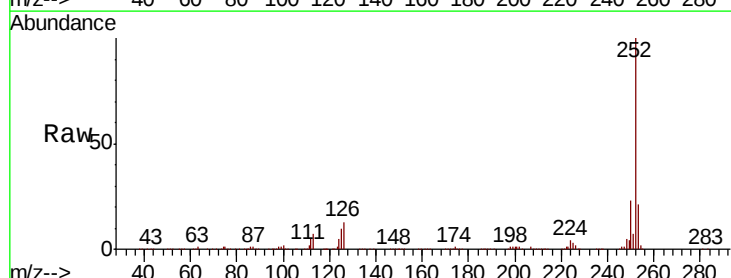
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.3	16.8	25.2

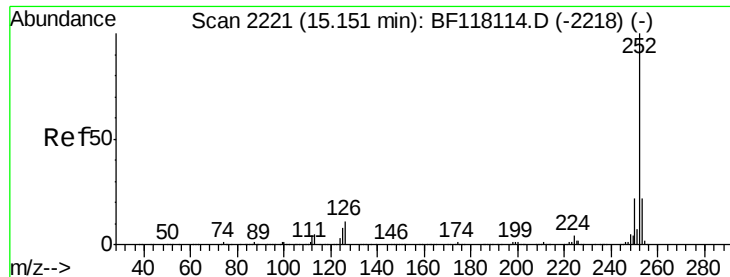


#88
Benzo(b)fluoranthene
Concen: 36.474 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion:252 Resp: 798307

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	10.2	8.3	12.5

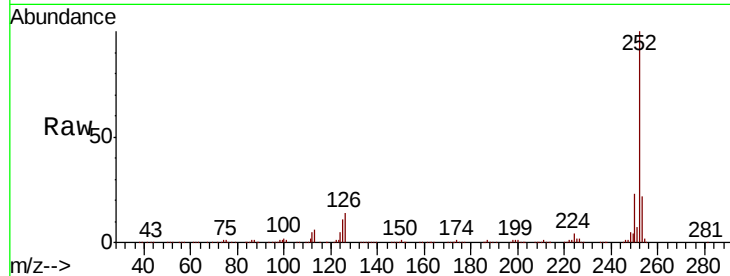




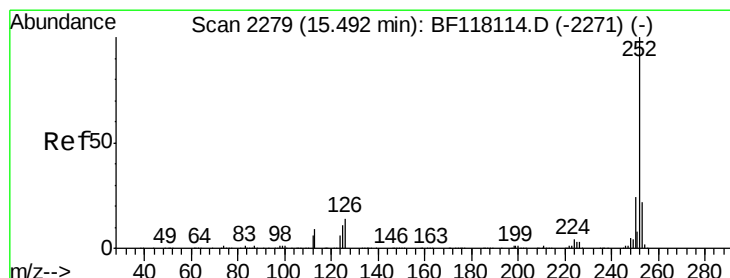
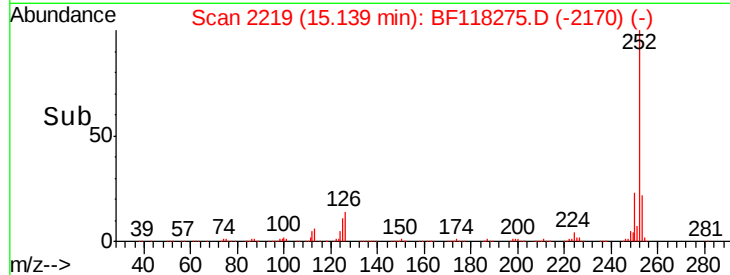
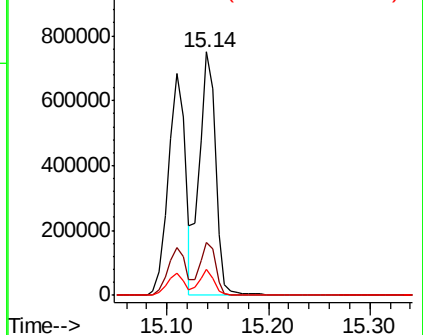
#89
Benzo(k)fluoranthene
Concen: 39.570 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 832002
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 10.7 6.7 10.1#

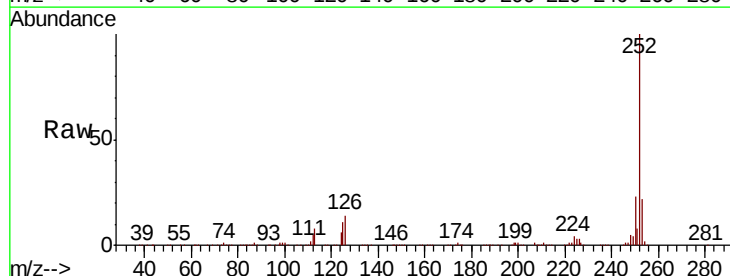


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

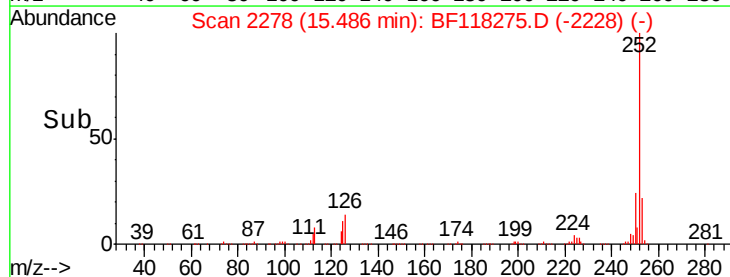
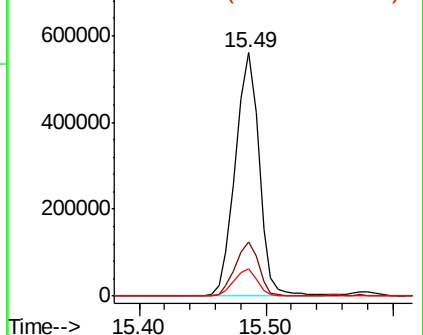


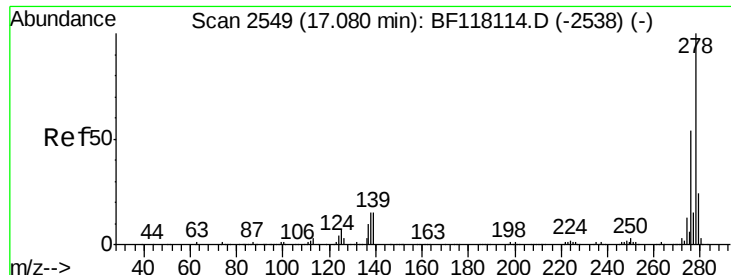
#90
Benzo(a)pyrene
Concen: 37.926 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion:252 Resp: 733116
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.2 9.1 13.7



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

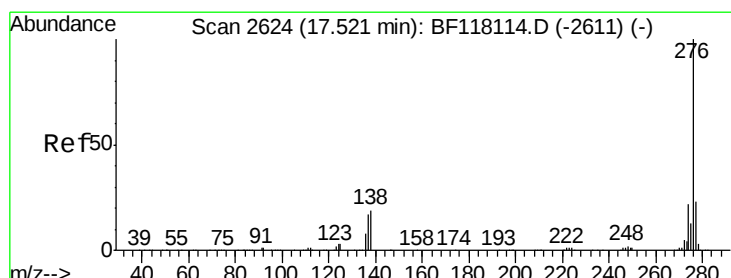
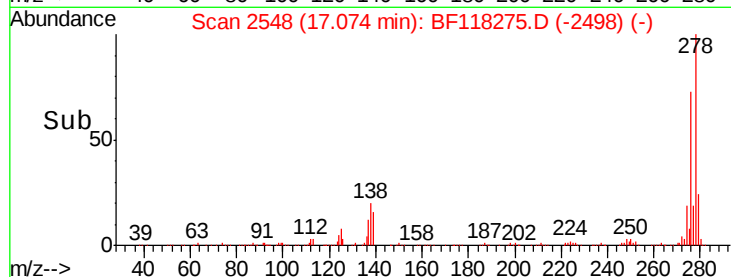
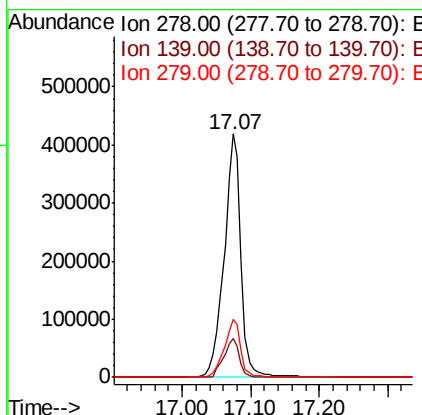
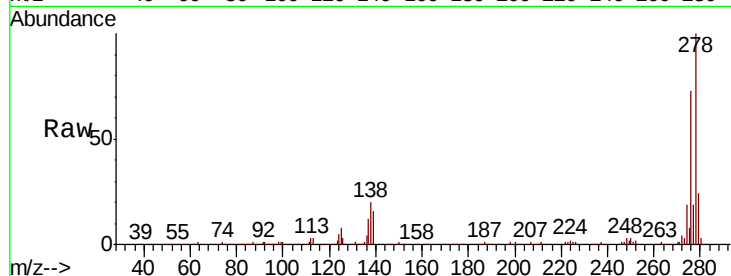




#91
Dibenzo(a,h)anthracene
Concen: 43.018 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.7	17.5
279	23.8	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 44.597 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.00 min
Lab File: BF118275.D
Acq: 19 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.2	27.4
138	20.6	15.5	23.3

