

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118360.D
 Acq On : 28 Dec 2019 12:45
 Operator : JU
 Sample : PB125749BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 07:00:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144082	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	607721	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	328664	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	617579	20.00	ng	0.00
76) Chrysene-d12	14.06	240	394930	20.00	ng	0.00
87) Perylene-d12	15.54	264	234325	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	972968	115.27	ng	0.02
7) Phenol-d6	6.50	99	1181636	112.85	ng	0.01
23) Nitrobenzene-d5	7.42	82	781969	73.59	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	426869	105.17	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1670434	77.58	ng	0.00
79) Terphenyl-d14	12.99	244	1910499	80.26	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	132647	39.532	ng	98
3) Pyridine	3.45	79	307694	34.418	ng	100
4) n-Nitrosodimethylamine	3.40	42	154265	41.736	ng	96
6) Aniline	6.52	93	347059	26.102	ng	# 78
8) 2-Chlorophenol	6.65	128	433692	45.367	ng	99
9) Benzaldehyde	6.40	77	74061	12.064	ng	99
10) Phenol	6.51	94	505187	42.926	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	374861	44.538	ng	96
12) 1,3-Dichlorobenzene	6.79	146	457401	41.545	ng	99
13) 1,4-Dichlorobenzene	6.87	146	469245	41.961	ng	99
14) 1,2-Dichlorobenzene	7.03	146	442880	41.947	ng	98
15) Benzyl Alcohol	7.00	79	353337	44.319	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	380091	42.320	ng	87
17) 2-Methylphenol	7.12	107	342671	44.692	ng	96
18) Hexachloroethane	7.36	117	168322	41.011	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	280455	43.478	ng	98
20) 3+4-Methylphenols	7.27	107	440965	44.936	ng	92
22) Acetophenone	7.26	105	578099	38.813	ng	# 95
24) Nitrobenzene	7.44	77	425056	39.935	ng	100
25) Isophorone	7.68	82	773619	41.777	ng	99
26) 2-Nitrophenol	7.76	139	242019	42.929	ng	96
27) 2,4-Dimethylphenol	7.80	122	373421	48.547	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	479974	39.632	ng	99
29) 2,4-Dichlorophenol	8.00	162	367986	41.564	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	405717	39.339	ng	96
31) Naphthalene	8.16	128	1264333	40.932	ng	99
32) Benzoic acid	7.95	122	225169	36.243	ng	98
33) 4-Chloroaniline	8.22	127	281079	21.227	ng	97
34) Hexachlorobutadiene	8.27	225	232700	37.904	ng	99
35) Caprolactam	8.60	113	72424	26.202	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	388476	40.869	ng	99
37) 2-Methylnaphthalene	8.86	142	880910	41.654	ng	99
38) 1-Methylnaphthalene	8.96	142	827898	41.552	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	388334	39.325	ng	99

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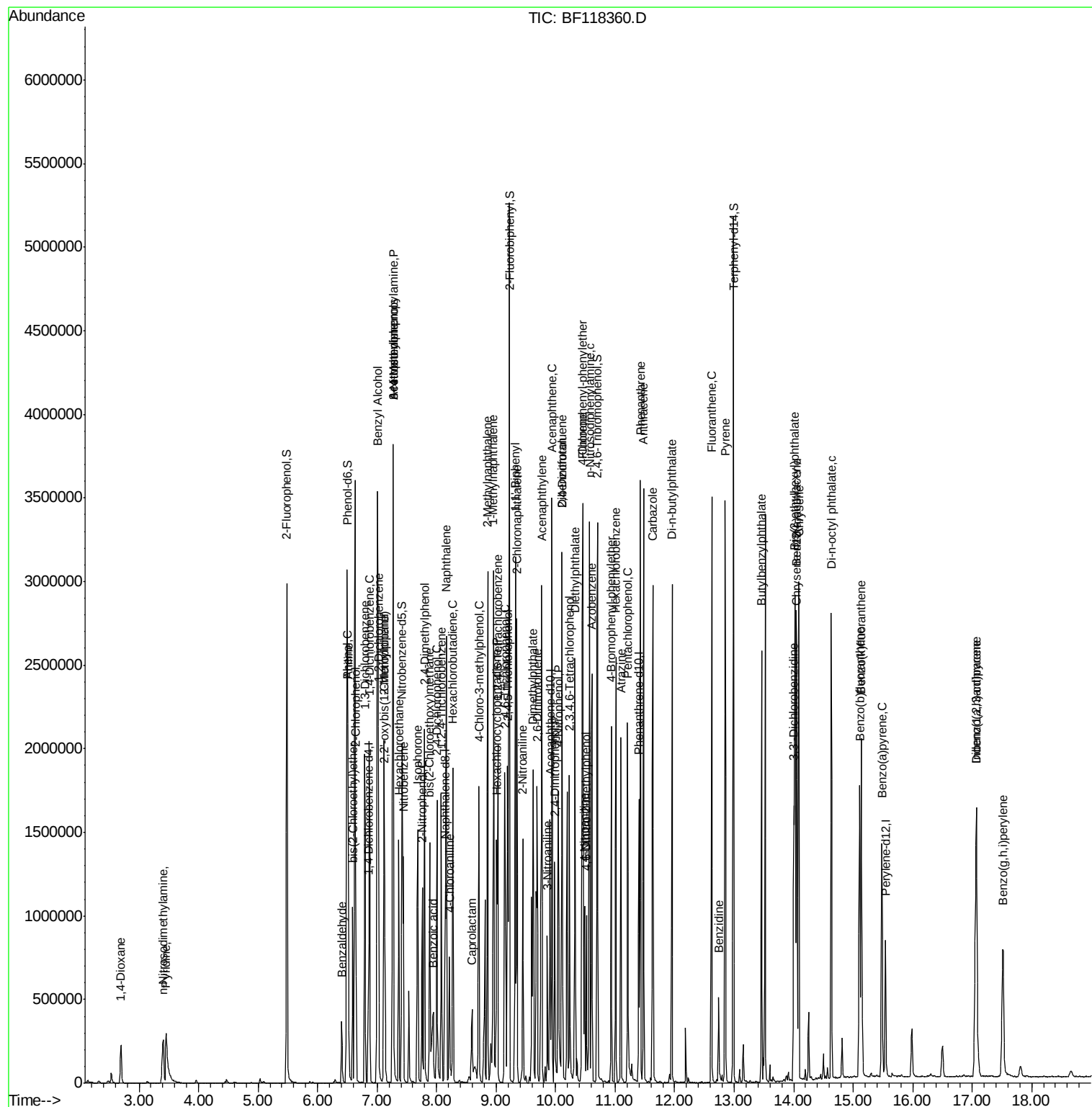
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	189523	49.466	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	262286	39.758	nq	100
44) 2,4,5-Trichlorophenol	9.19	196	273739	40.336	nq	99
46) 1,1'-Biphenyl	9.32	154	1046784	40.268	nq	98
47) 2-Chloronaphthalene	9.35	162	812945	38.856	nq	99
48) 2-Nitroaniline	9.45	65	220691	37.345	nq	100
49) Acenaphthylene	9.77	152	1271875	40.989	nq	100
50) Dimethylphthalate	9.62	163	977296	39.614	nq	99
51) 2,6-Dinitrotoluene	9.69	165	217049	40.808	nq	99
52) Acenaphthene	9.94	154	747294	39.539	nq	99
53) 3-Nitroaniline	9.86	138	147100	23.564	nq	90
54) 2,4-Dinitrophenol	9.98	184	195933	73.510	nq	98
55) Dibenzofuran	10.12	168	1139934	40.818	nq	99
56) 4-Nitrophenol	10.05	139	295468	76.668	nq	86
57) 2,4-Dinitrotoluene	10.10	165	286229	40.274	nq	91
58) Fluorene	10.46	166	906096	40.192	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	234189	40.613	nq	99
60) Diethylphthalate	10.33	149	979793	40.144	nq	100
61) 4-Chlorophenyl-phenylether	10.44	204	447110	39.729	nq	98
62) 4-Nitroaniline	10.49	138	210606	32.475	nq	98
63) Azobenzene	10.61	77	842091	40.280	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	149222	44.790	nq	97
66) n-Nitrosodiphenylamine	10.57	169	792437	40.036	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	283326	39.201	nq	97
68) Hexachlorobenzene	11.01	284	325223	38.229	nq	99
69) Atrazine	11.10	200	251145	41.112	nq	94
70) Pentachlorophenol	11.21	266	280868	76.232	nq	99
71) Phenanthrene	11.43	178	1318001	39.148	nq	99
72) Anthracene	11.48	178	1351966	40.119	nq	99
73) Carbazole	11.63	167	1161555	38.845	nq	99
74) Di-n-butylphthalate	11.96	149	1559628	41.135	nq	100
75) Fluoranthene	12.62	202	1334180	39.266	nq	98
77) Benzidine	12.74	184	216674	20.023	nq	99
78) Pyrene	12.85	202	1338648	41.508	nq	99
80) Butylbenzylphthalate	13.46	149	623762	42.956	nq	97
81) Benzo(a)anthracene	14.04	228	1081660	39.128	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	309778	33.051	nq	100
83) Chrysene	14.09	228	1034197	39.071	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	880543	46.116	nq	98
85) Di-n-octyl phthalate	14.63	149	1312173	46.719	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	826300	36.637	nq	100
88) Benzo(b)fluoranthene	15.11	252	861225	55.368	nq	99
89) Benzo(k)fluoranthene	15.14	252	855172	57.259	nq	99
90) Benzo(a)pyrene	15.49	252	732017	53.423	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	712500	59.921	nq	98
92) Benzo(g,h,i)perylene	17.52	276	694294	60.446	nq	97

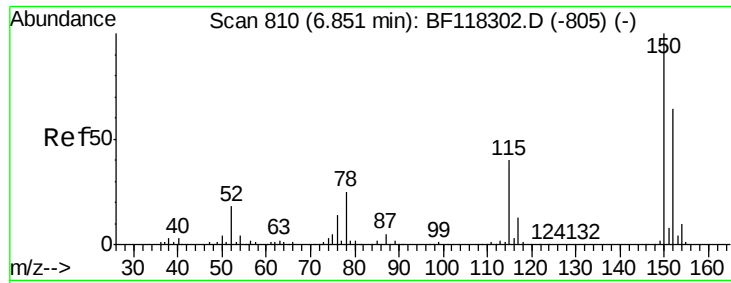
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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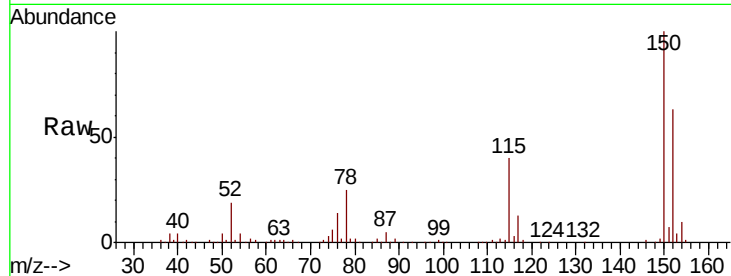


#1

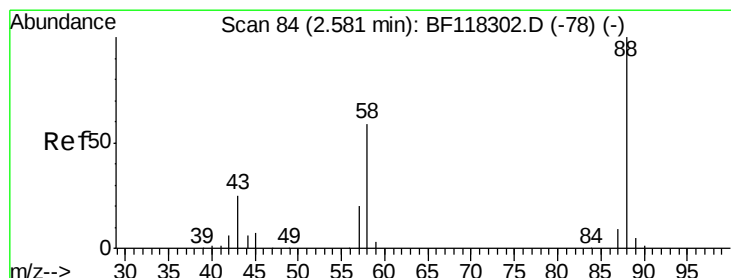
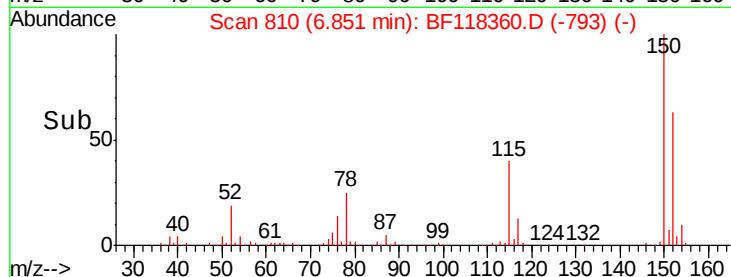
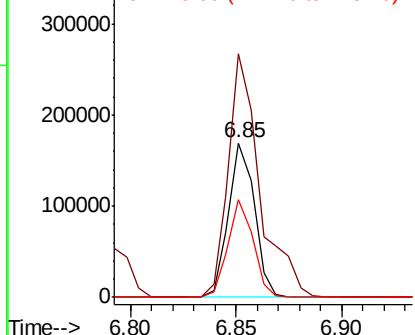
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144082
Ion Ratio Lower Upper
152 100
150 157.8 125.4 188.2
115 63.1 50.2 75.4



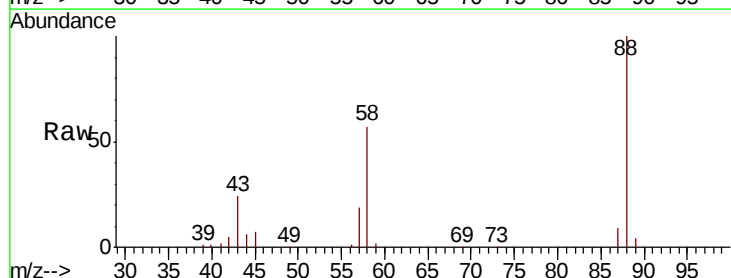
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



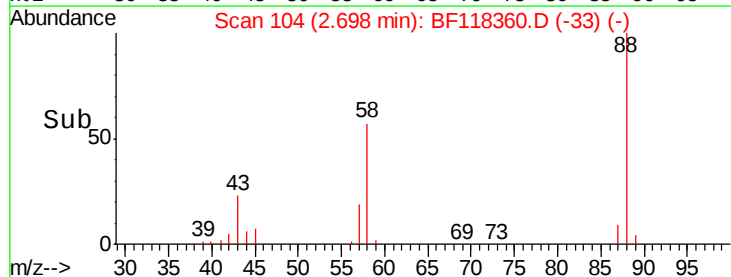
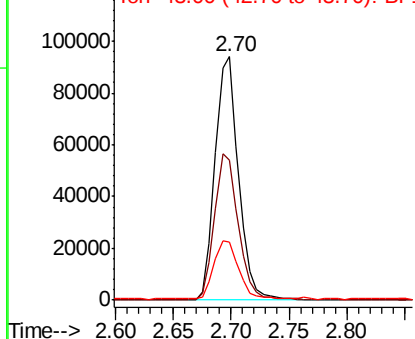
#2

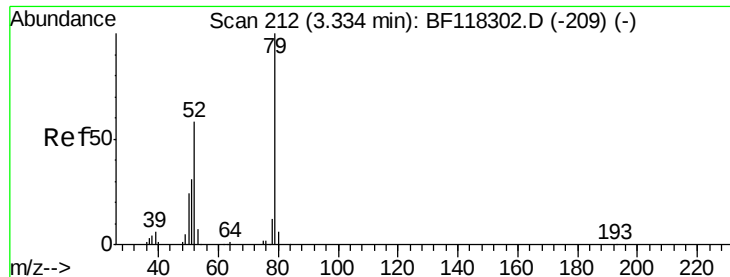
1,4-Dioxane
Concen: 39.532 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.12 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion: 88 Resp: 132647
Ion Ratio Lower Upper
88 100
58 61.0 47.6 71.4
43 25.0 20.6 30.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.418 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.12 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampled :

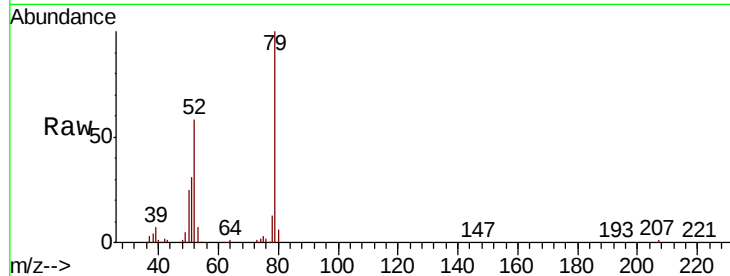
Tot Ion: 79 Resp: 307694

Ion Ratio Lower Upper

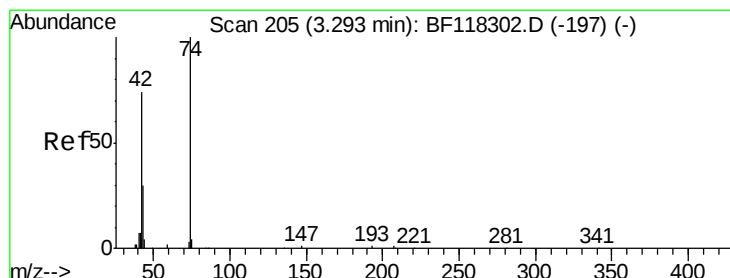
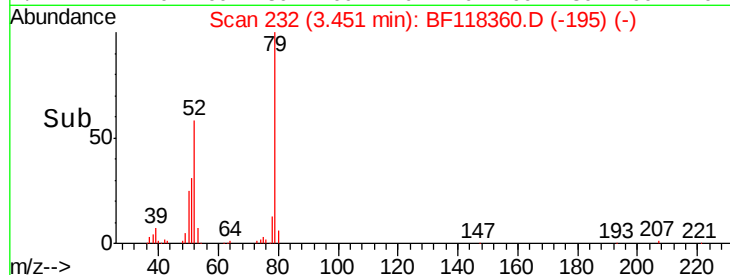
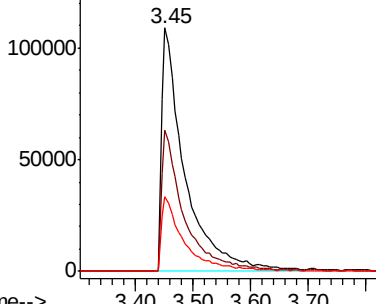
79 100

52 57.9 46.4 69.6

51 30.8 24.9 37.3



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



#4

n-Nitrosodimethylamine

Concen: 41.736 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.11 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

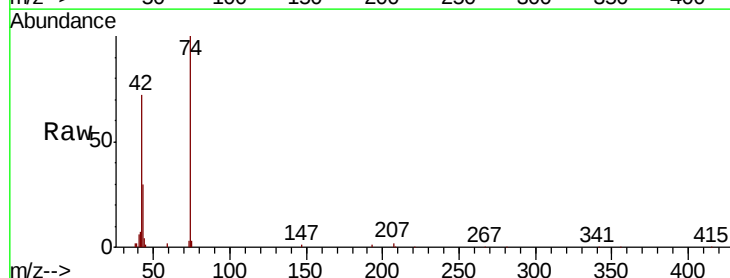
Tgt Ion: 42 Resp: 154265

Ion Ratio Lower Upper

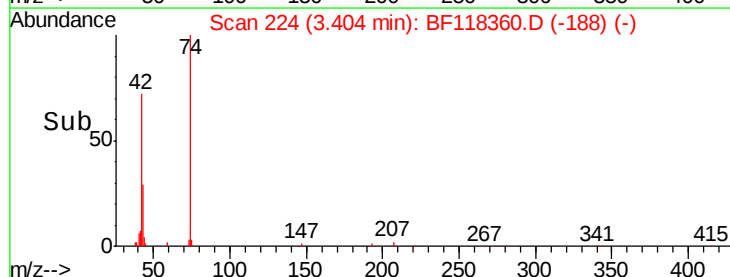
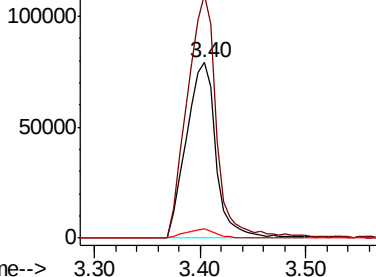
42 100

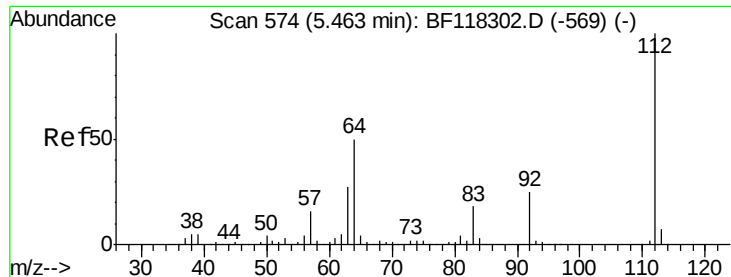
74 139.0 107.7 161.5

44 5.5 4.8 7.2



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





#5

2-Fluorophenol

Concen: 115.271 ng

RT: 5.49 min Scan# 578

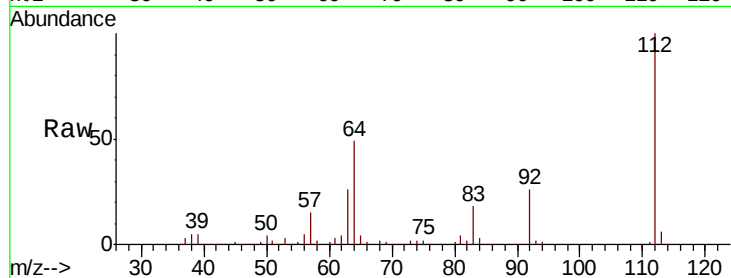
Delta R.T. 0.02 min

Lab File: BF118360.D

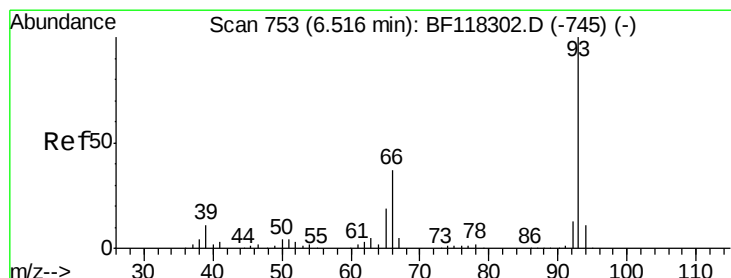
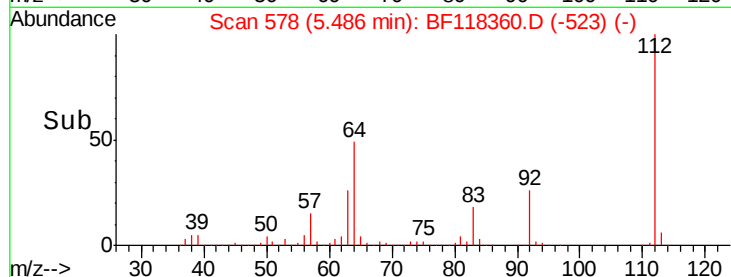
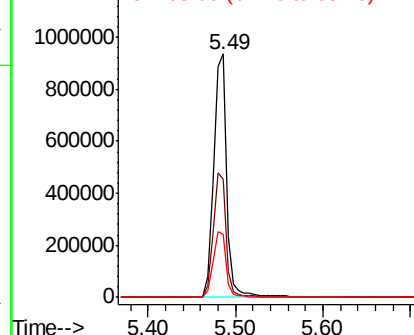
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	972968
Ion	Ratio	Lower	Upper
112	100		
64	48.8	39.7	59.5
63	25.8	21.7	32.5



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: 26.102 ng

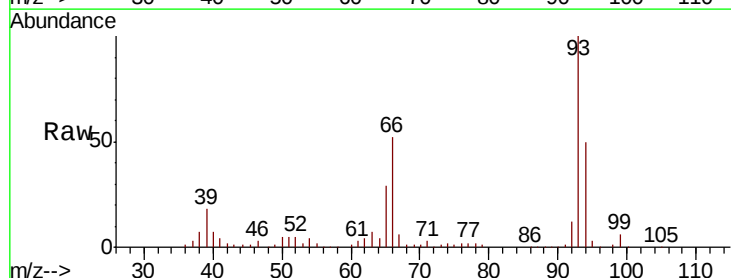
RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

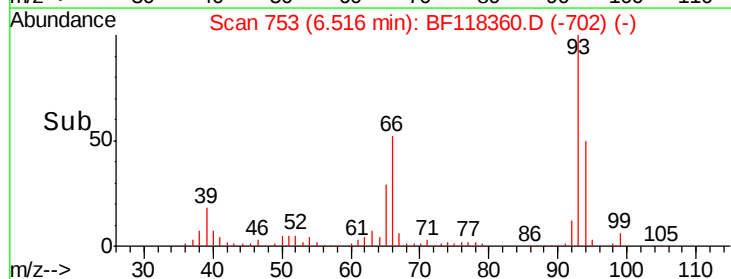
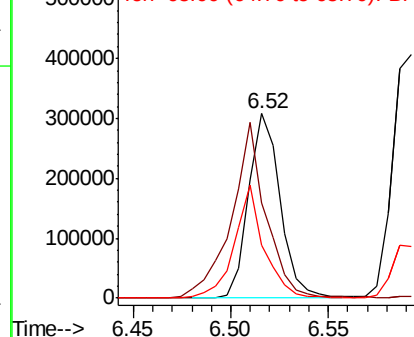
Lab File: BF118360.D

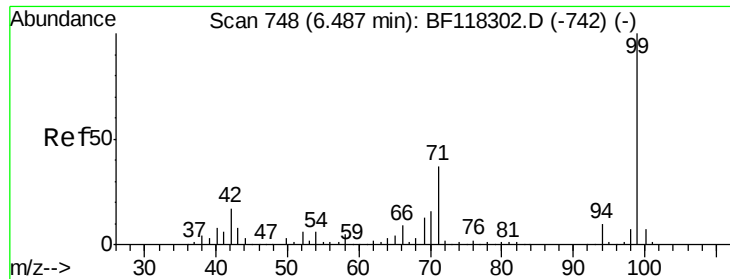
Acq: 28 Dec 2019 12:45

Tgt Ion:	93	Resp:	347059
Ion	Ratio	Lower	Upper
93	100		
66	51.9	30.2	45.4#
65	28.6	15.7	23.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.849 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

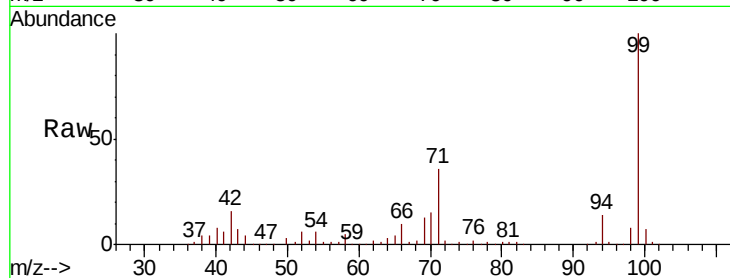
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1181636

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	35.8	29.4	44.2

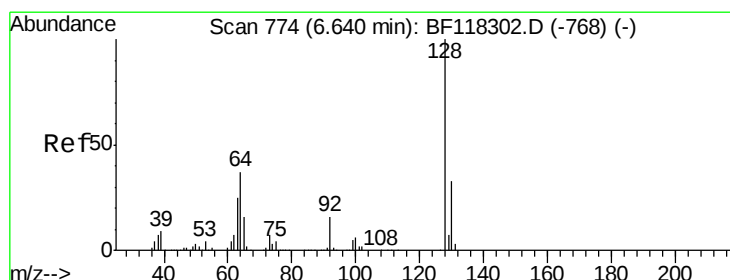
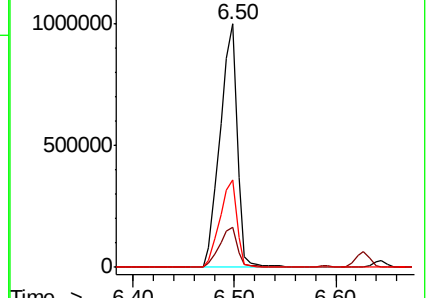
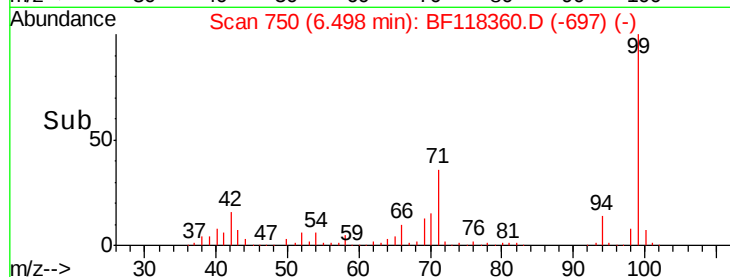


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.367 ng

RT: 6.65 min Scan# 775

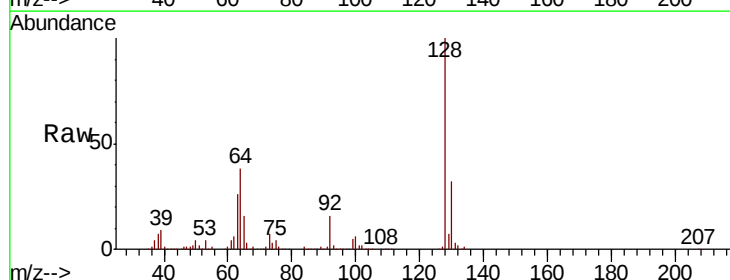
Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Tgt Ion:128 Resp: 433692

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.2	53.2
64	38.3	17.7	57.7

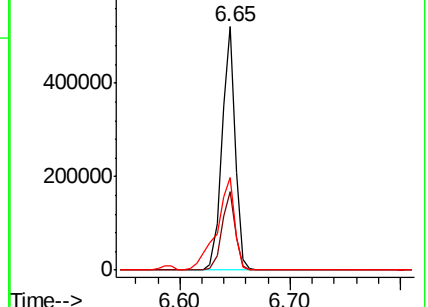
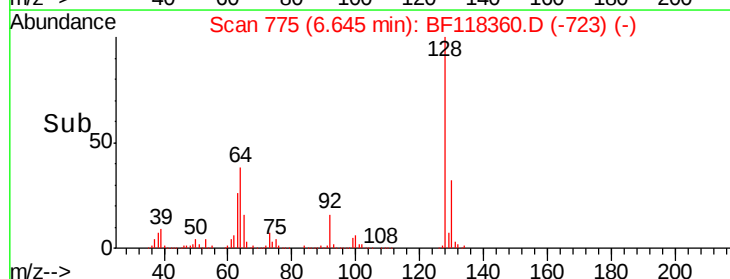


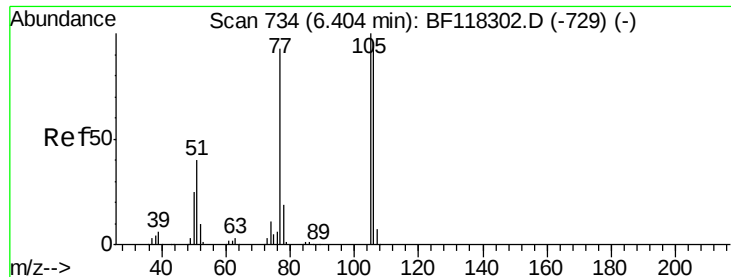
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.064 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

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BNA_F

ClientSampled :

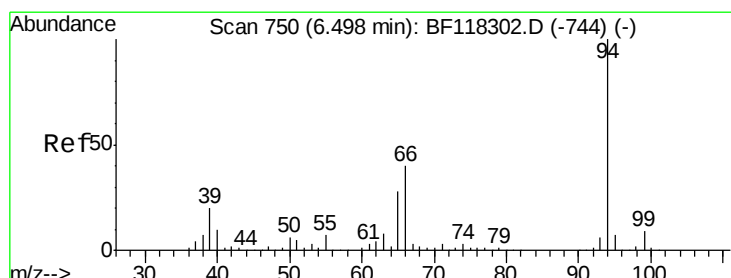
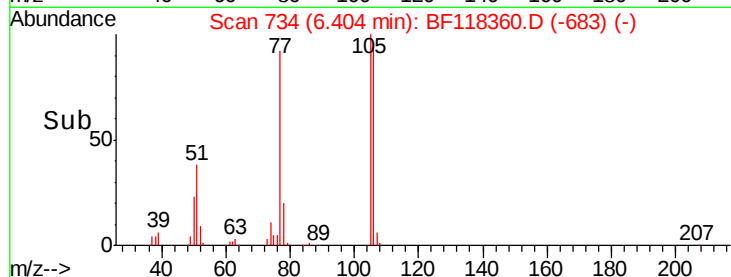
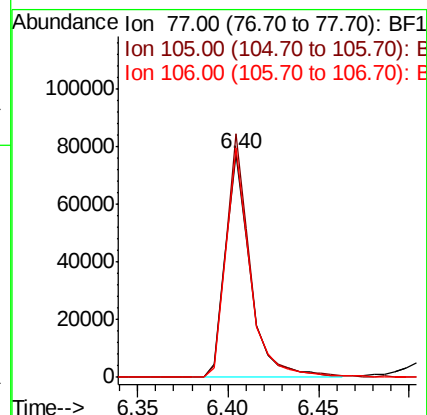
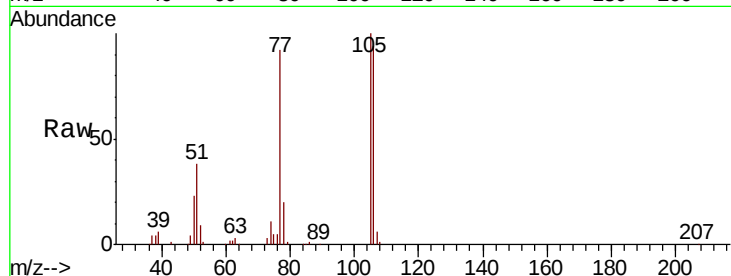
Tot Ion: 77 Resp: 74061

Ion Ratio Lower Upper

77 100

105 109.1 87.5 127.5

106 102.9 83.6 123.6



#10

Phenol

Concen: 42.926 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

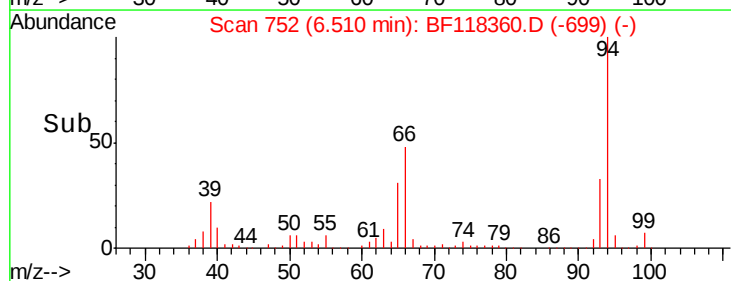
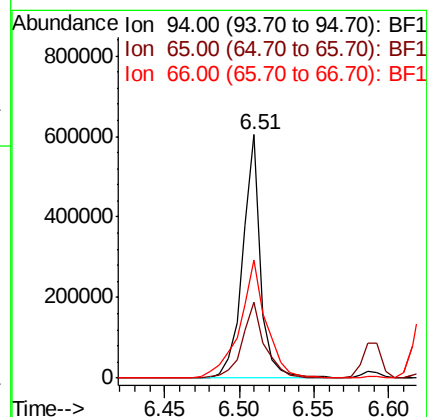
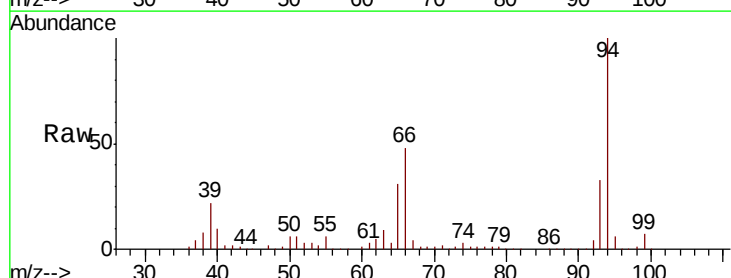
Tgt Ion: 94 Resp: 505187

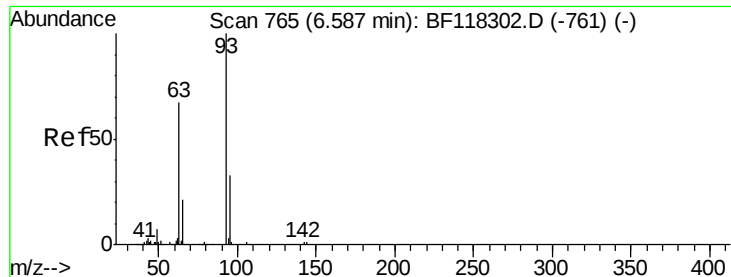
Ion Ratio Lower Upper

94 100

65 31.3 7.8 47.8

66 48.4 20.4 60.4

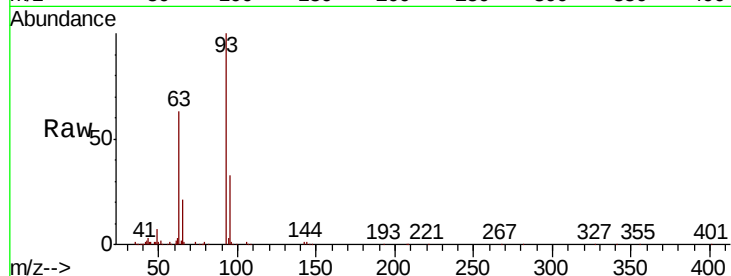




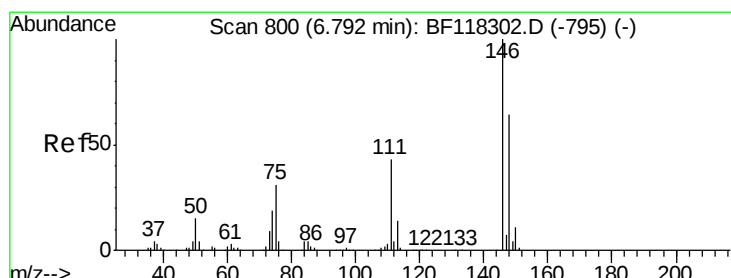
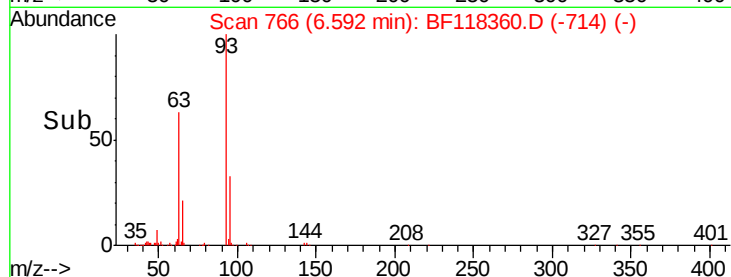
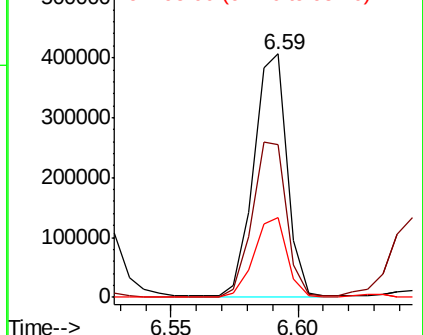
#11
bis(2-Chloroethyl)ether
Concen: 44.538 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 374861
Ion Ratio Lower Upper
93 100
63 62.8 47.0 87.0
95 33.0 12.8 52.8

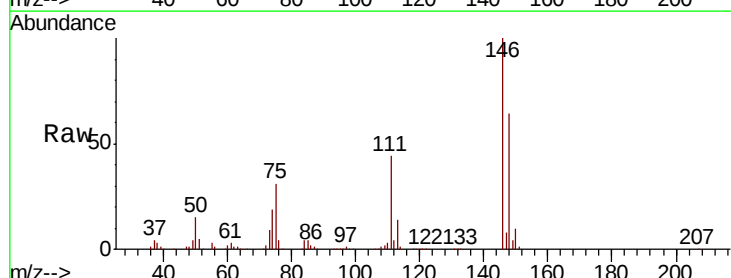


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

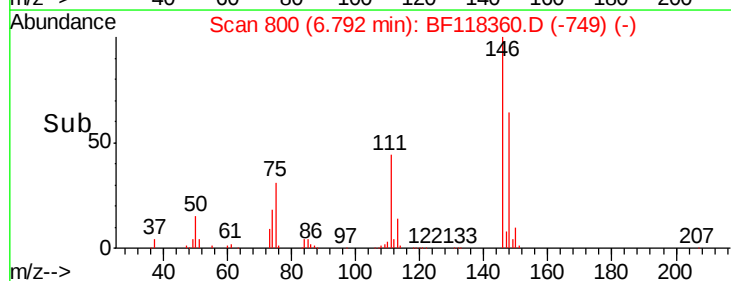
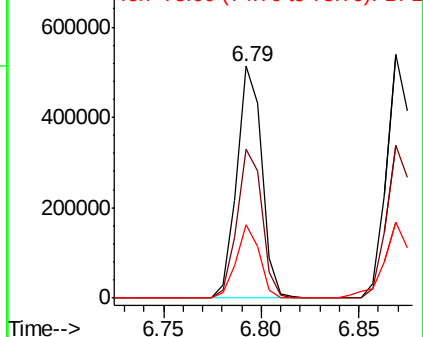


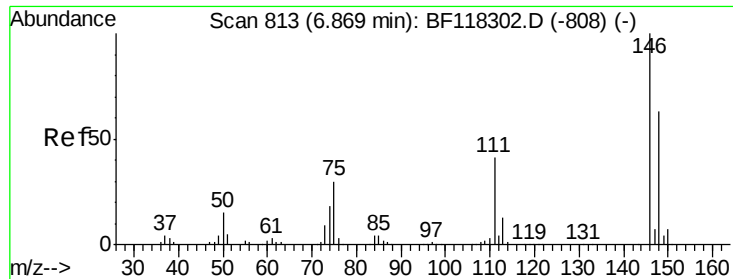
#12
1,3-Dichlorobenzene
Concen: 41.545 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion: 146 Resp: 457401
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
75 31.4 24.4 36.6



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

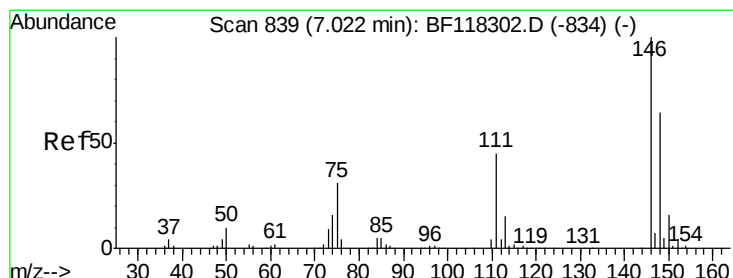
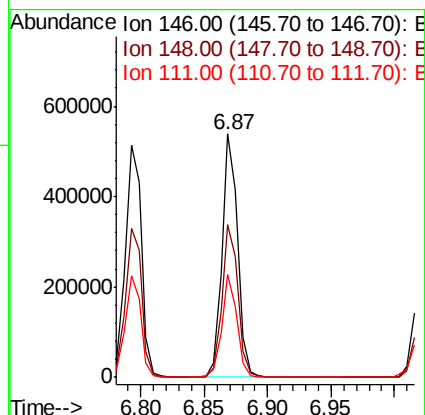
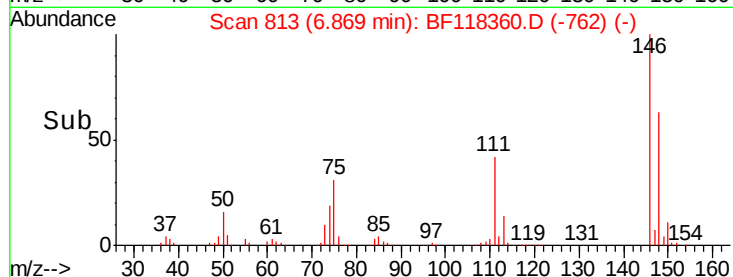
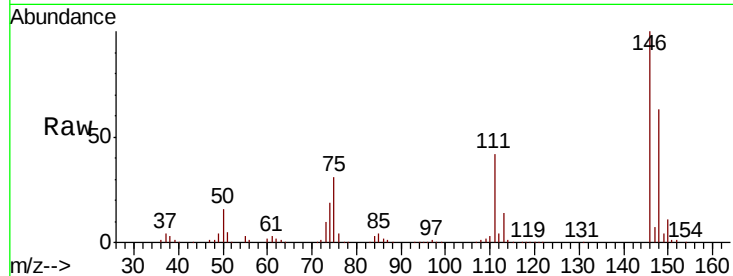




#13
1,4-Dichlorobenzene
Concen: 41.961 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

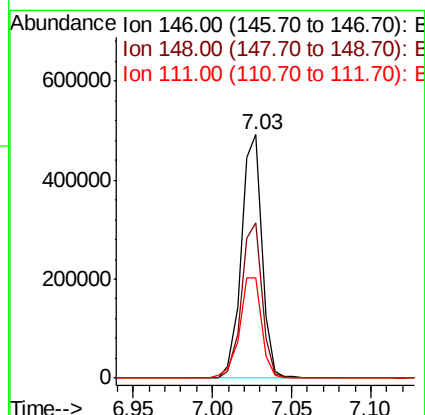
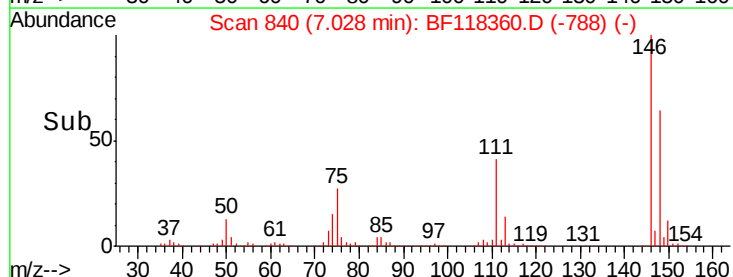
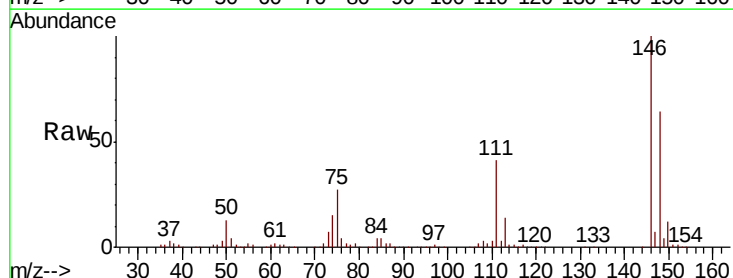
Instrument :
BNA_F
ClientSampleId :

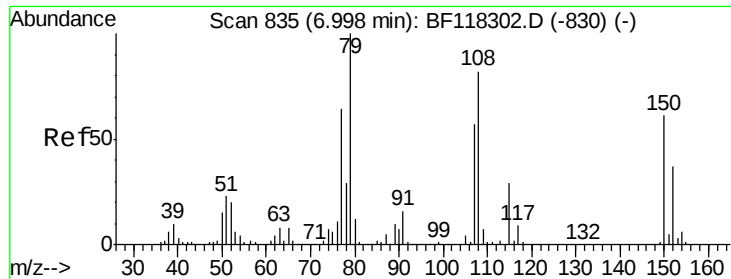
Tot Ion:146 Resp: 469245
Ion Ratio Lower Upper
146 100
148 62.6 50.3 75.5
111 42.1 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 41.947 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:146 Resp: 442880
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
111 41.4 35.7 53.5

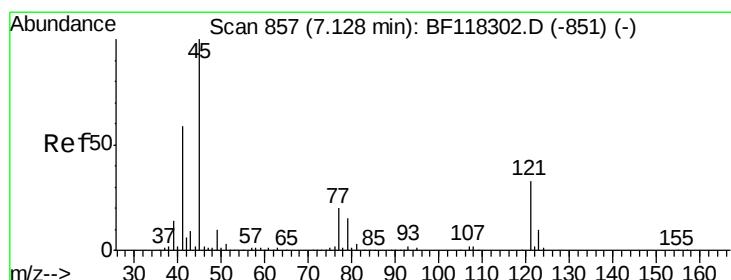
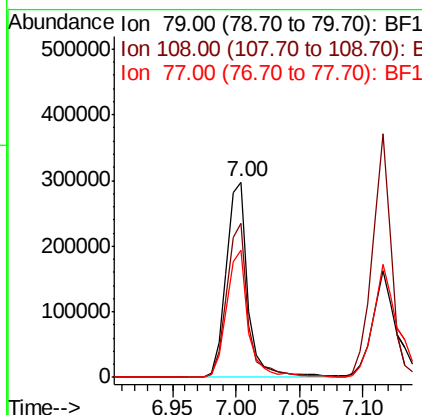
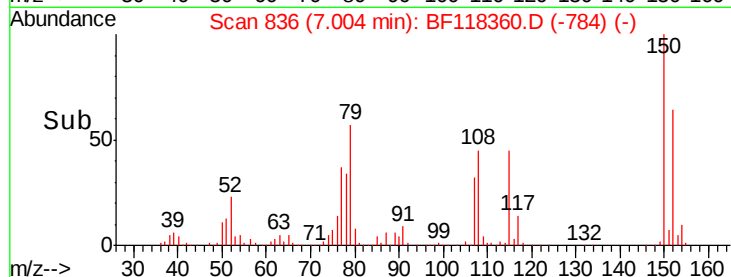
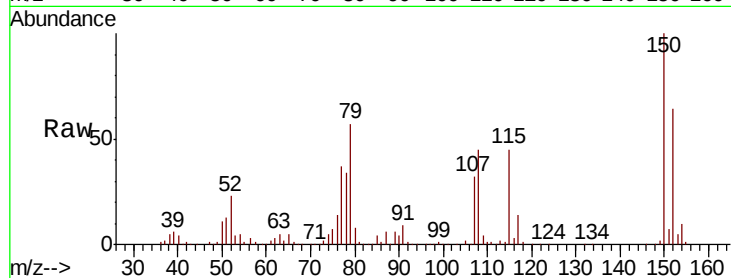




#15
Benzyl Alcohol
Concen: 44.319 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

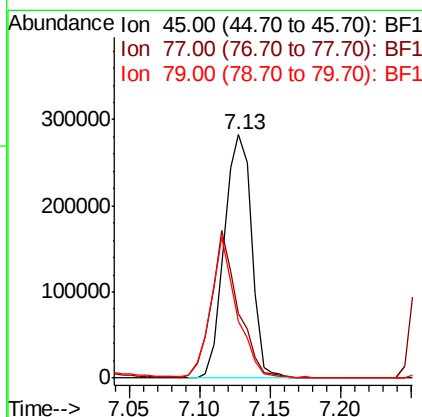
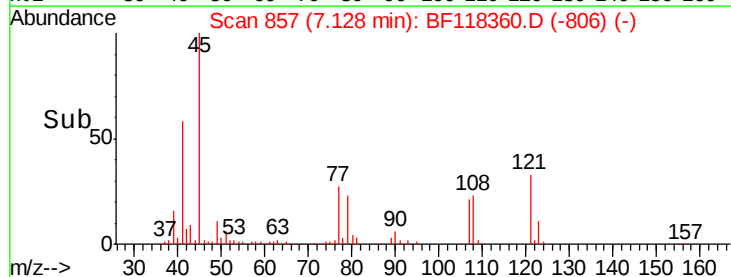
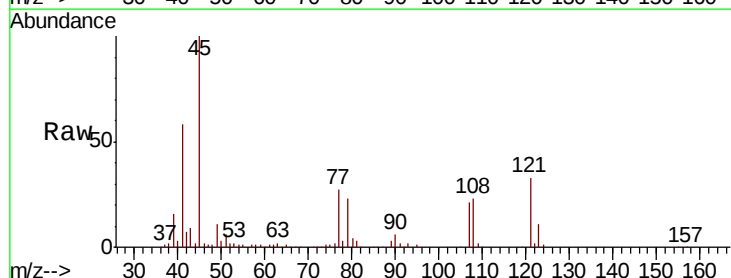
Instrument :
BNA_F
ClientSampled :

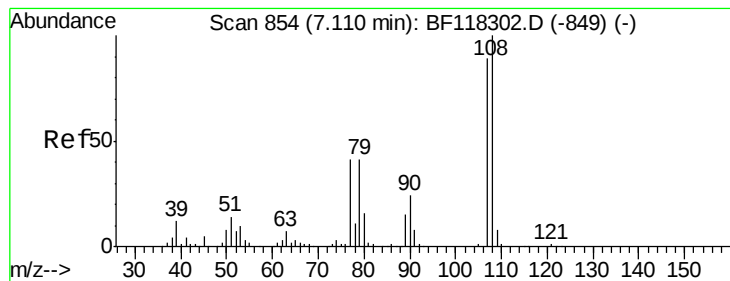
Tot Ion: 79 Resp: 353337
Ion Ratio Lower Upper
79 100
108 78.8 65.4 98.0
77 64.8 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.320 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion: 45 Resp: 380091
Ion Ratio Lower Upper
45 100
77 26.5 1.2 41.2
79 23.3 0.0 37.0





#17

2-Methylphenol

Concen: 44.692 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 342671

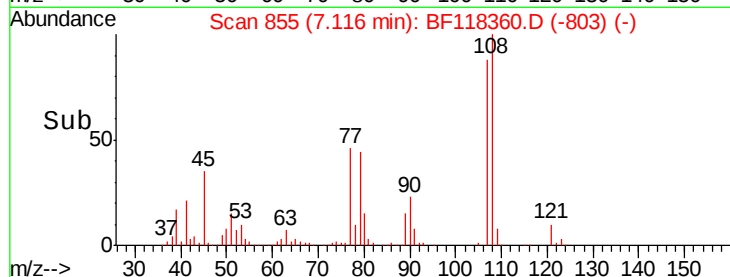
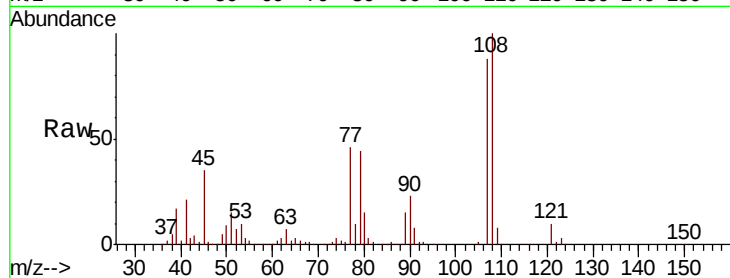
Ion Ratio Lower Upper

107 100

108 113.4 89.7 134.5

77 52.5 37.2 55.8

79 49.9 36.7 55.1

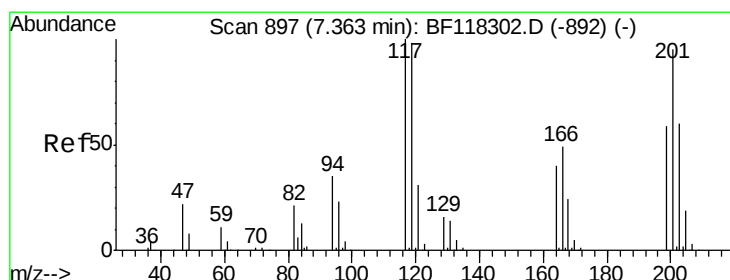
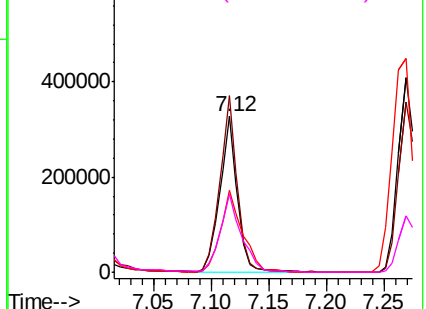


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.011 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

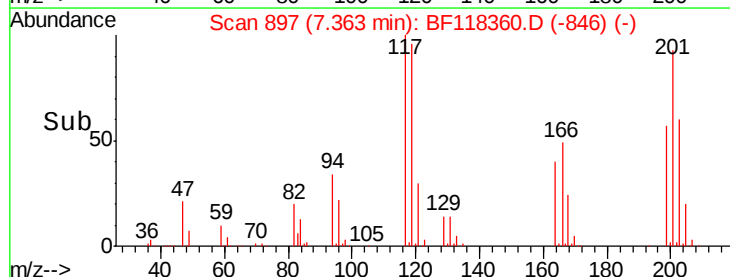
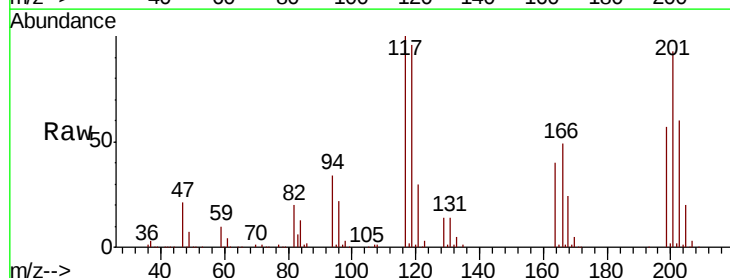
Tgt Ion:117 Resp: 168322

Ion Ratio Lower Upper

117 100

119 96.3 78.0 117.0

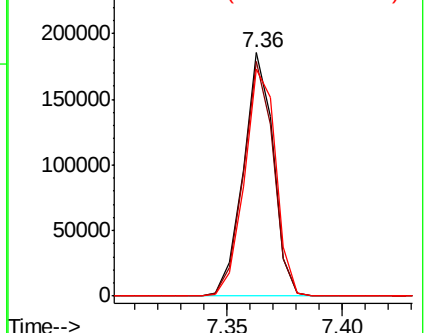
201 93.4 76.2 114.2

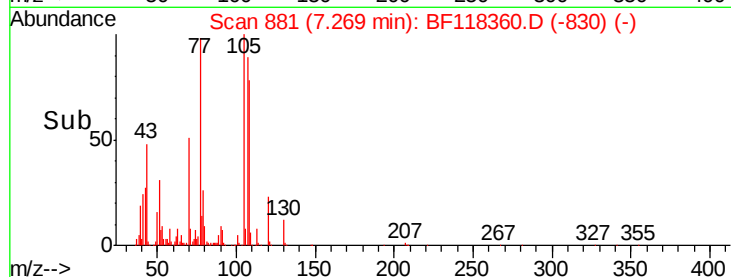
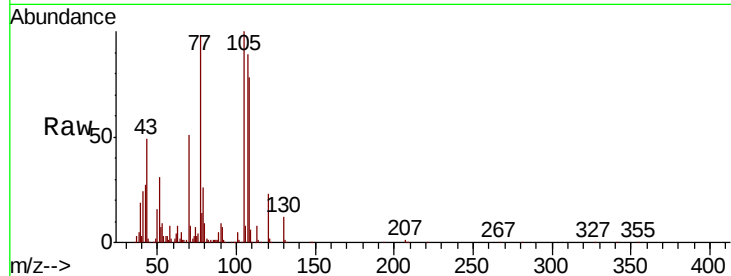
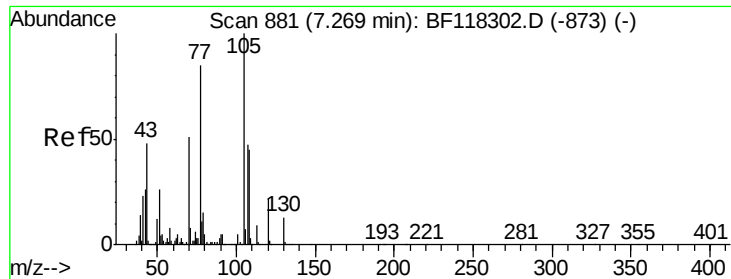


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

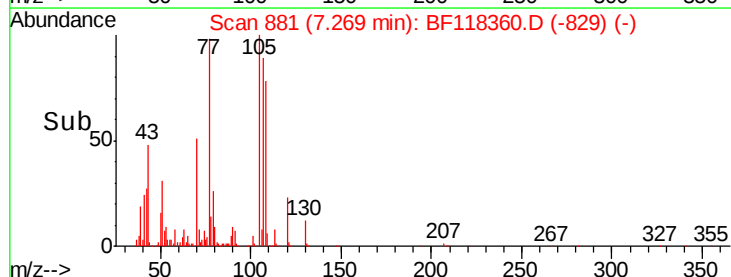
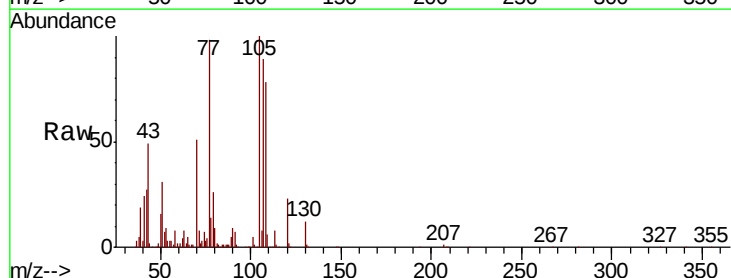
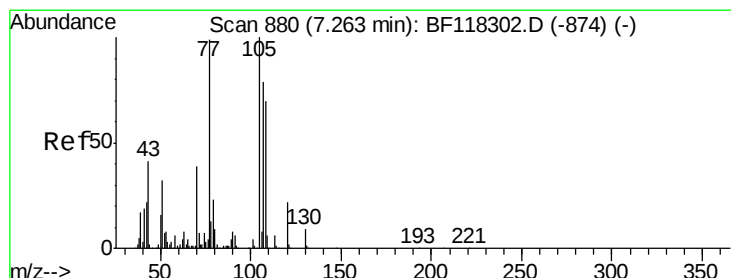
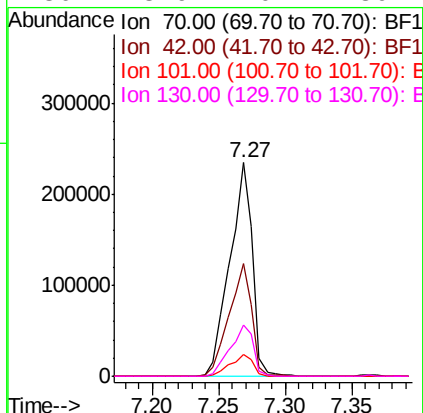




#19
n-Nitroso-di-n-propylamine
Concen: 43.478 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

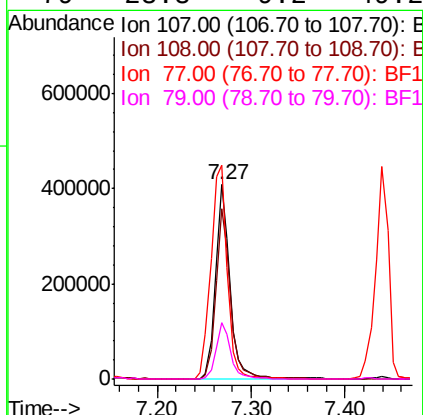
Instrument :
BNA_F
ClientSampleId :

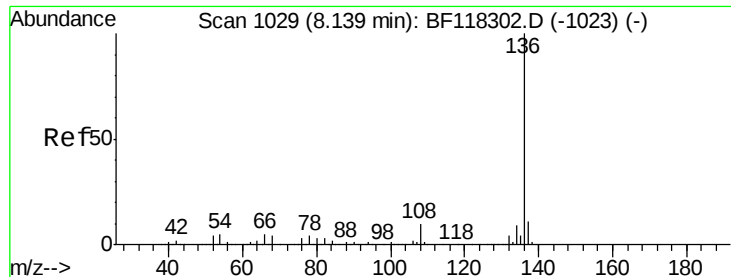
Tot Ion:	70	Resp:	280455
Ion	Ratio	Lower	Upper
70	100		
42	53.0	41.1	61.7
101	10.2	8.3	12.5
130	23.9	20.1	30.1



#20
3+4-Methylphenols
Concen: 44.936 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:	107	Resp:	440965
Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.3	109.3
77	110.0	105.9	145.9
79	28.8	9.2	49.2

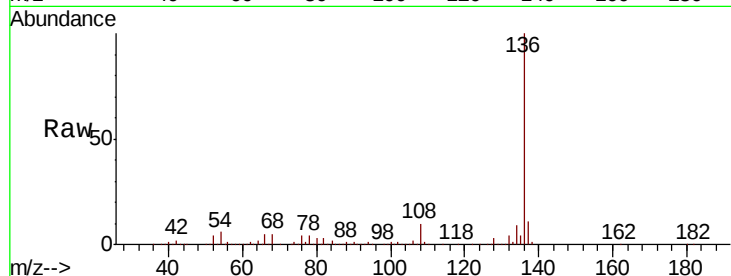




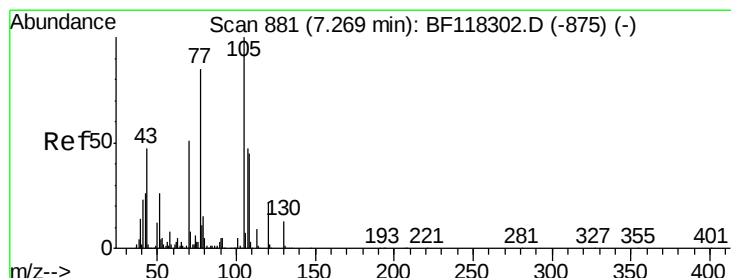
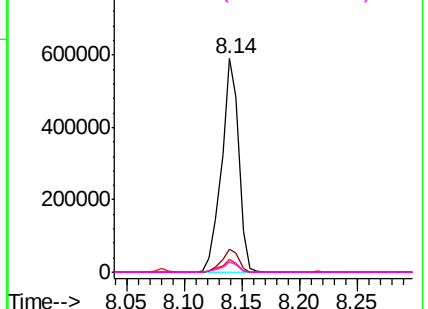
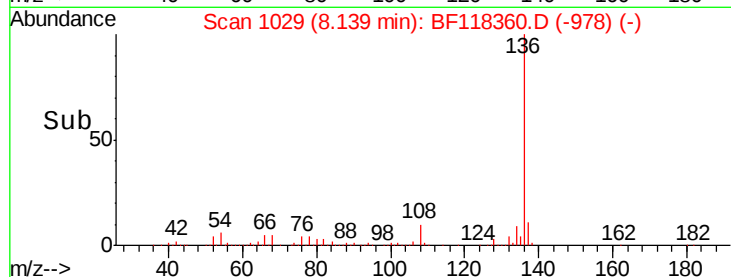
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 607721
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 5.8	4.2 6.4
68 4.5	3.5 5.3

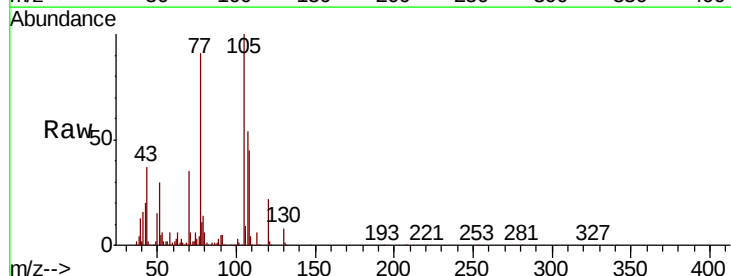


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

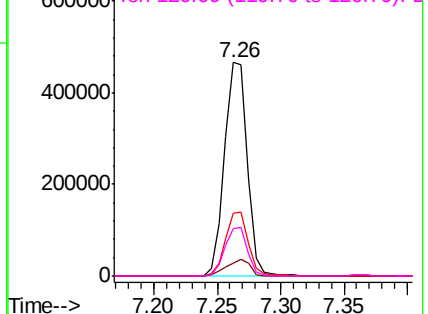
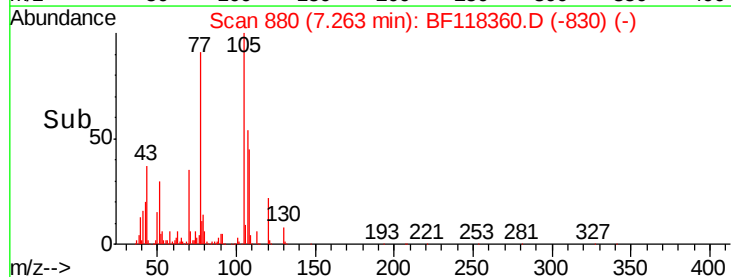


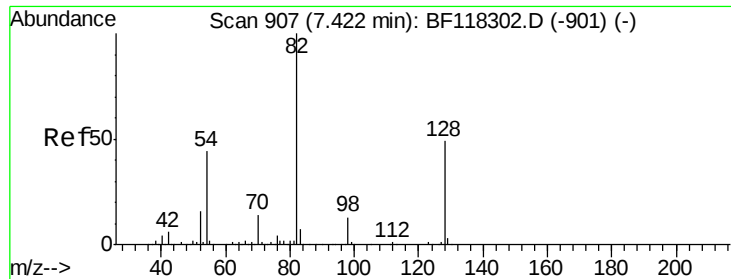
#22
Acetophenone
Concen: 38.813 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt	Ion:105	Resp:	578099
Ion	Ratio	Lower	Upper
105	100		
71	5.9	6.6	9.8#
51	29.6	20.6	30.8
120	22.3	18.0	27.0



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

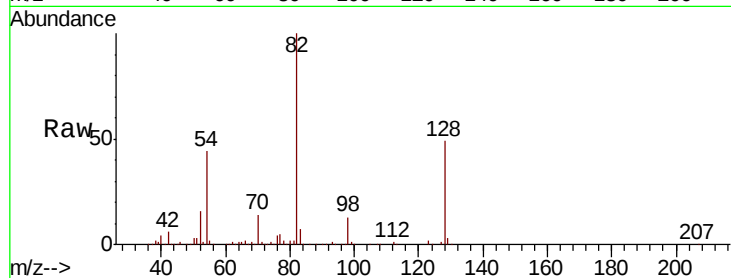




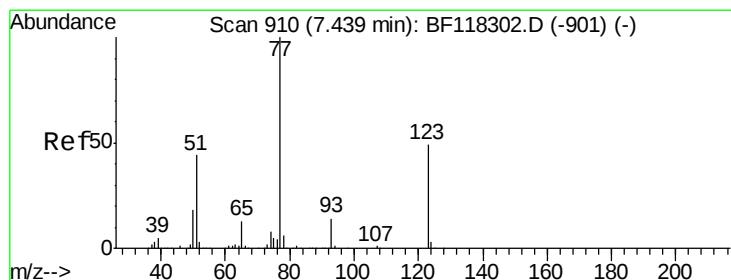
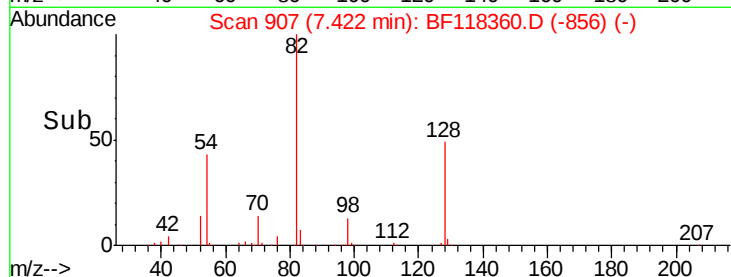
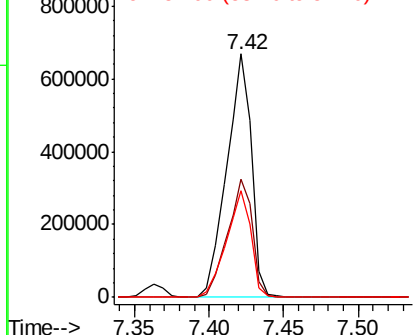
#23
 Nitrobenzene-d5
 Concen: 73.594 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	781969
Ion Ratio	100	Lower	Upper
128	48.7	39.6	59.4
54	43.9	34.9	52.3

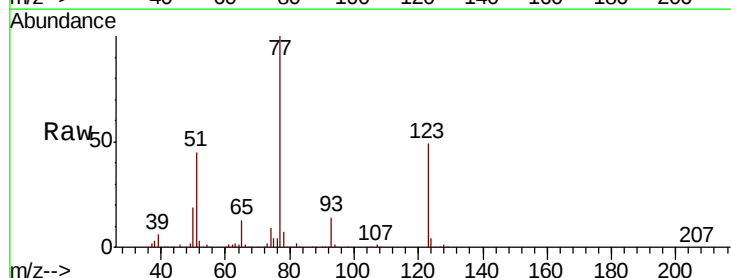


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

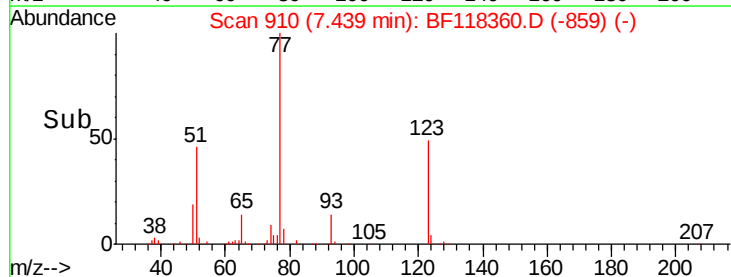
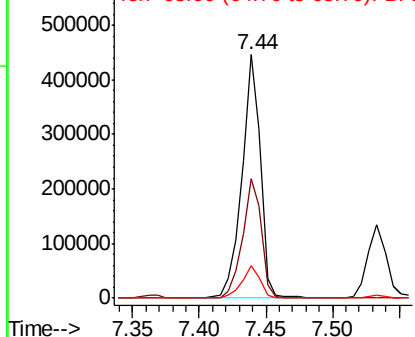


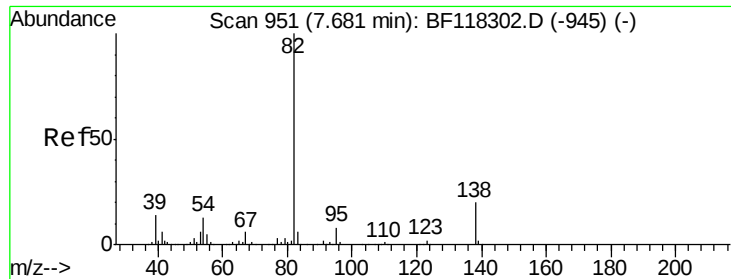
#24
 Nitrobenzene
 Concen: 39.935 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

Tgt Ion	77	Resp	425056
Ion Ratio	100	Lower	Upper
123	49.0	39.1	58.7
65	13.3	10.6	16.0



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: 41.777 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampleId :

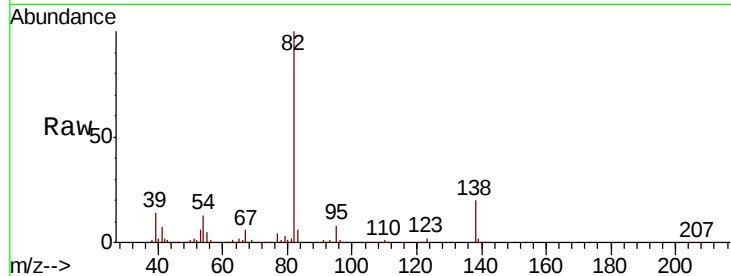
Tot Ion: 82 Resp: 773619

Ion Ratio Lower Upper

82 100

95 8.0 6.3 9.5

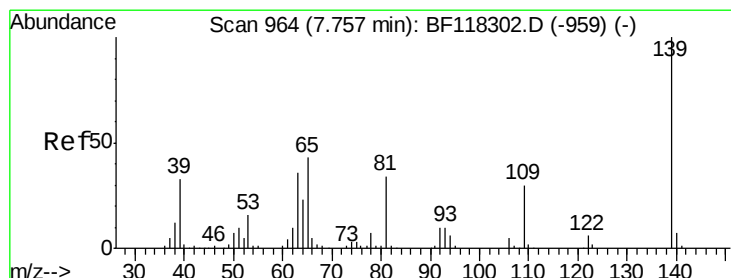
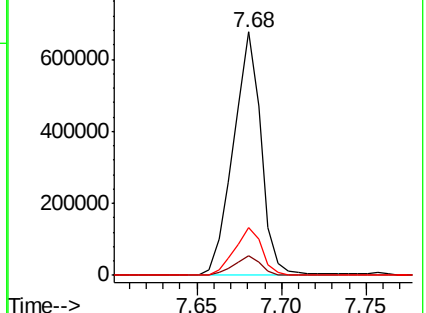
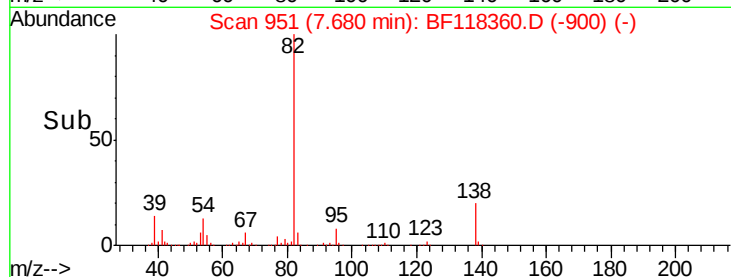
138 19.7 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.929 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

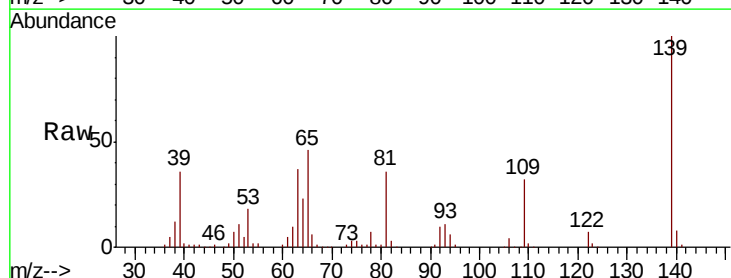
Tgt Ion: 139 Resp: 242019

Ion Ratio Lower Upper

139 100

109 31.5 24.1 36.1

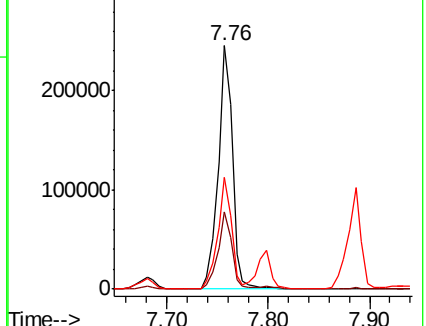
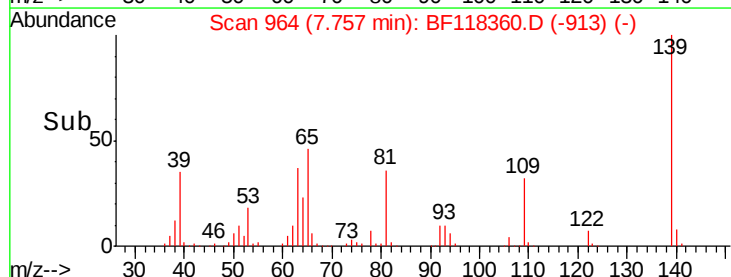
65 46.1 34.6 52.0

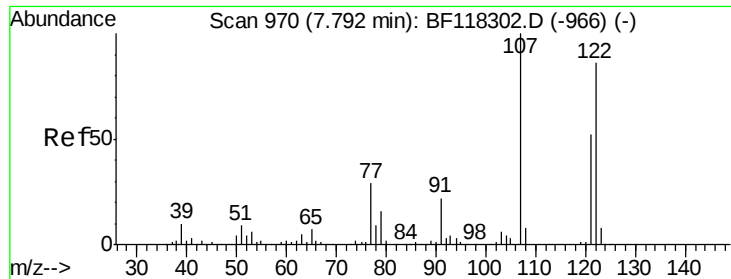


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

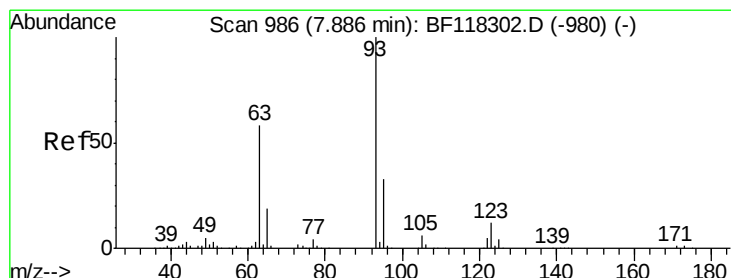
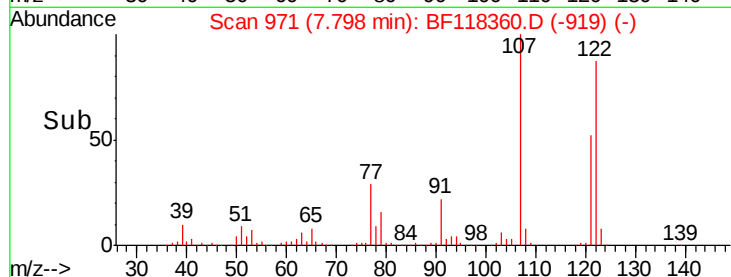
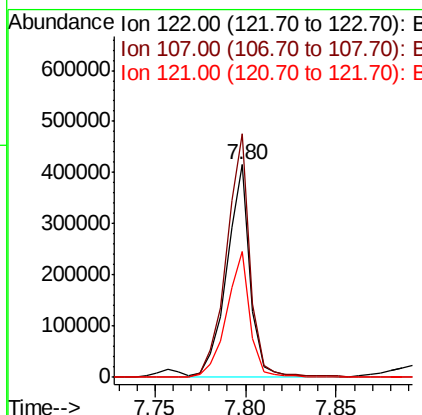
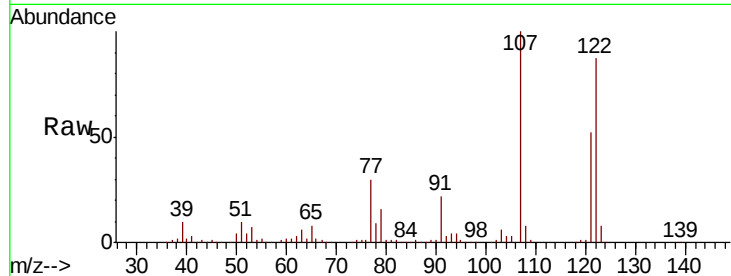




#27
2,4-Dimethylphenol
Concen: 48.547 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

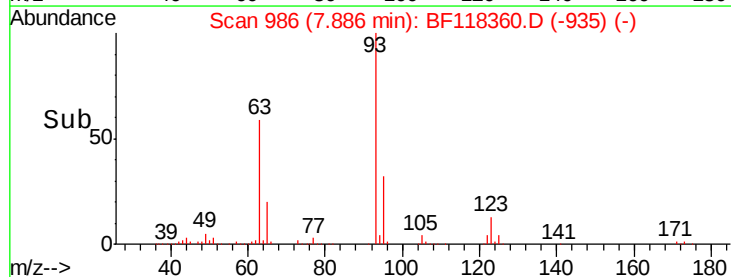
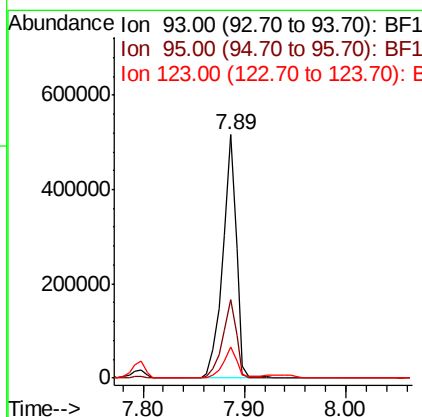
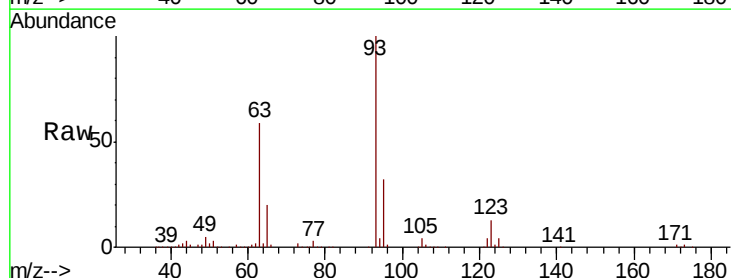
Instrument :
BNA_F
ClientSampled :

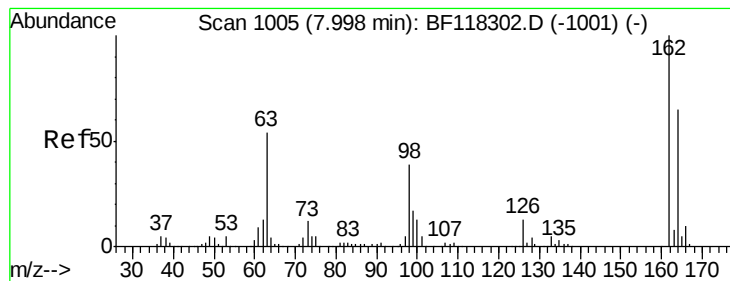
Tot Ion:122 Resp: 373421
Ion Ratio Lower Upper
122 100
107 114.6 92.9 139.3
121 59.5 47.9 71.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.632 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion: 93 Resp: 479974
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.4
123 12.7 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 41.564 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampled :

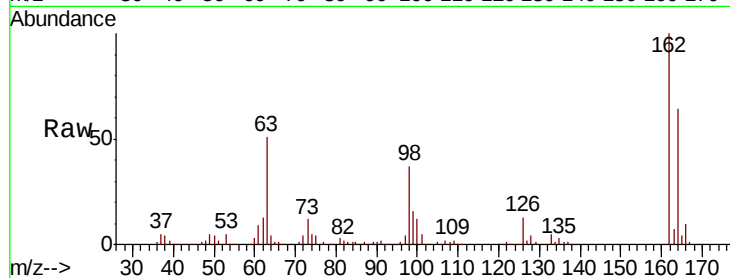
Tot Ion:162 Resp: 367986

Ion Ratio Lower Upper

162 100

164 64.0 45.1 85.1

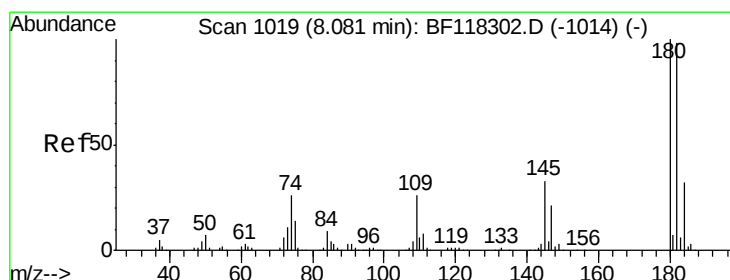
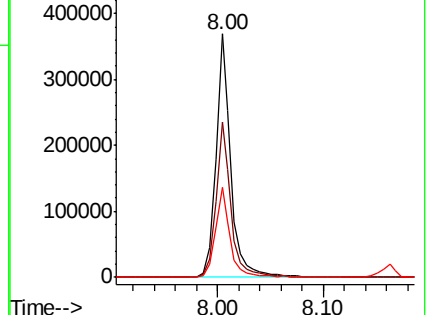
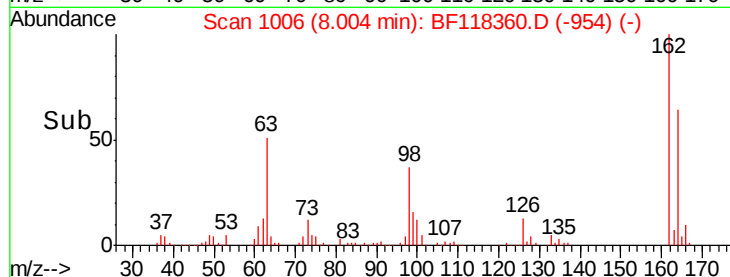
98 37.1 18.6 58.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.339 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

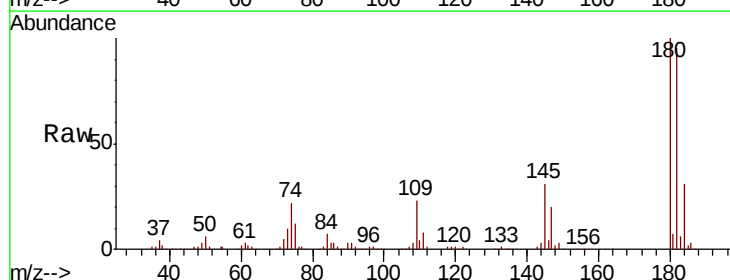
Tgt Ion:180 Resp: 405717

Ion Ratio Lower Upper

180 100

182 94.9 78.3 117.5

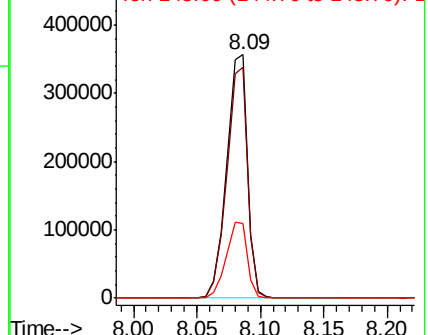
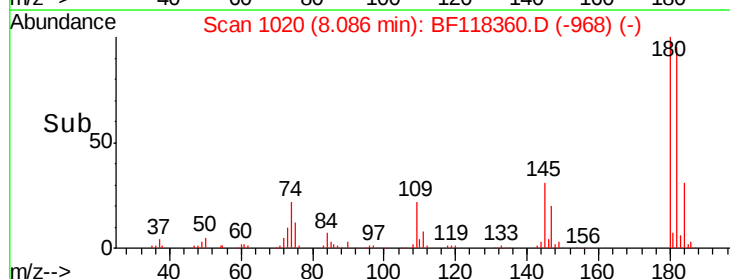
145 30.7 26.7 40.1

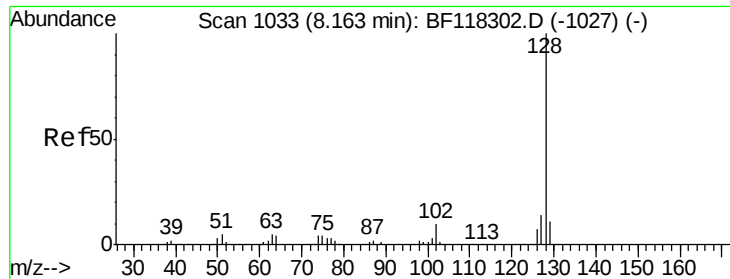


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

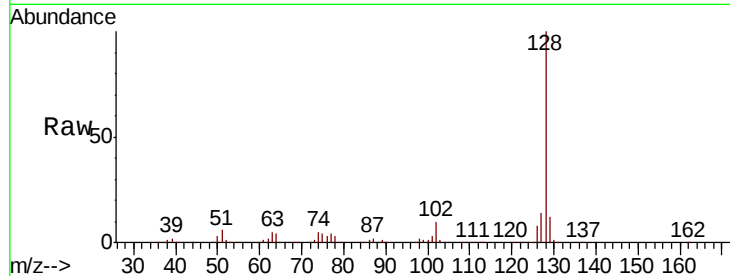




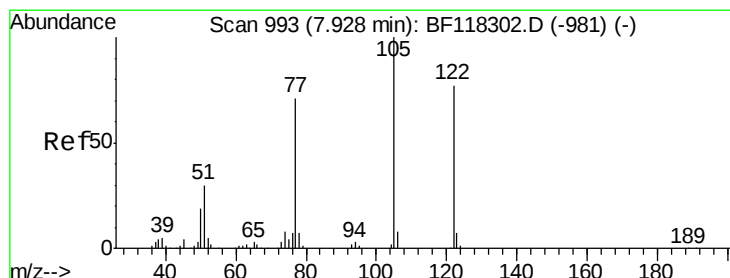
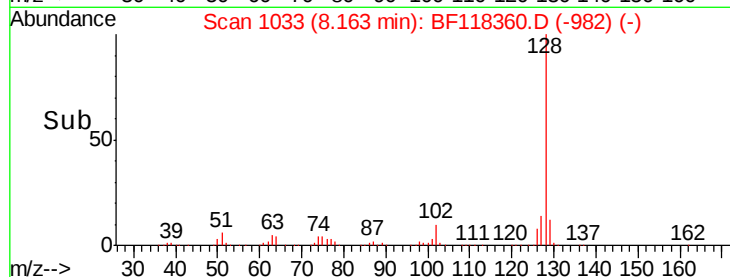
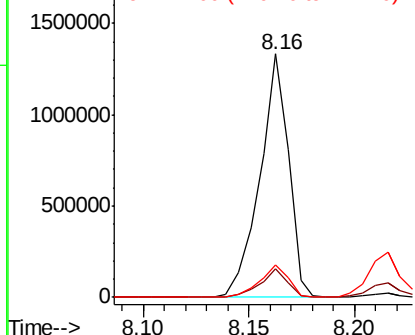
#31
Naphthalene
Concen: 40.932 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1264333
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.6 11.0 16.4

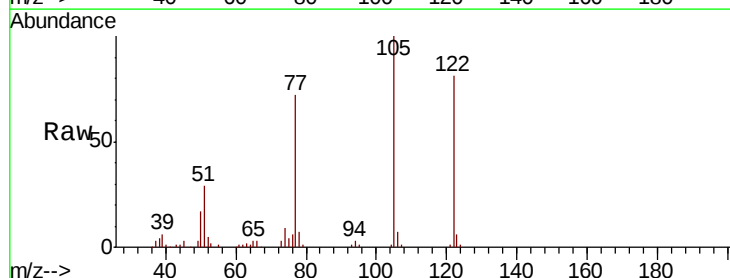


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

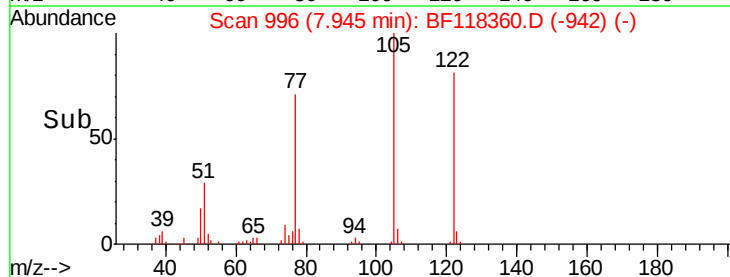
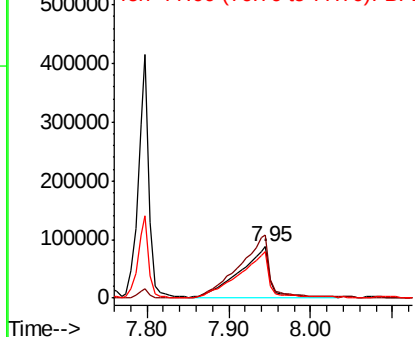


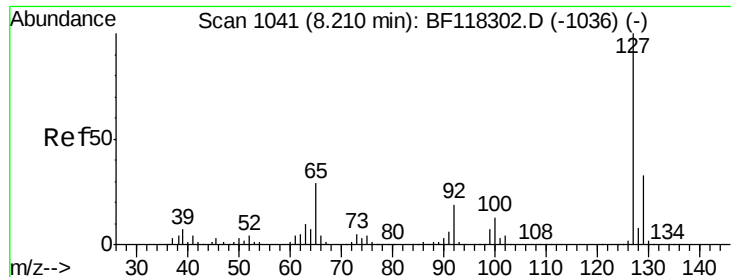
#32
Benzoic acid
Concen: 36.243 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:122 Resp: 225169
Ion Ratio Lower Upper
122 100
105 123.6 106.8 146.8
77 89.4 70.4 110.4



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

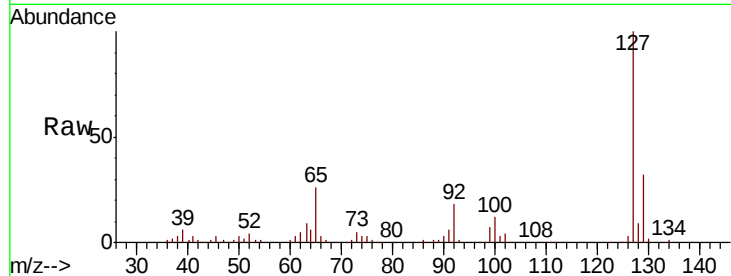




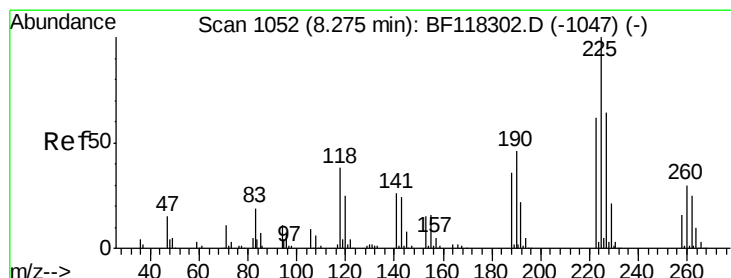
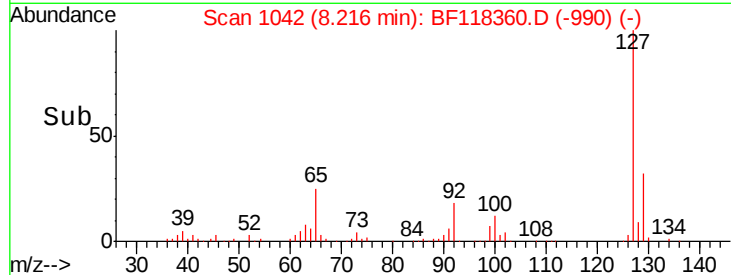
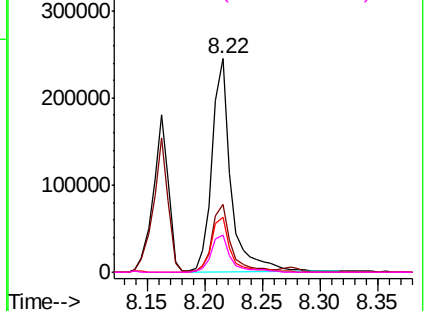
#33
4-Chloroaniline
Concen: 21.227 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	281079
Ion Ratio	Lower	Upper
127	100	
129	32.0	26.5 39.7
65	25.8	22.8 34.2
92	17.7	15.5 23.3

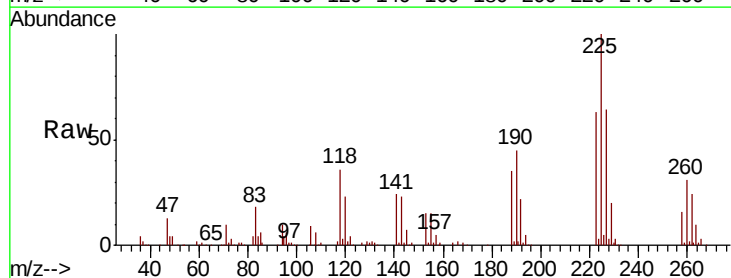


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

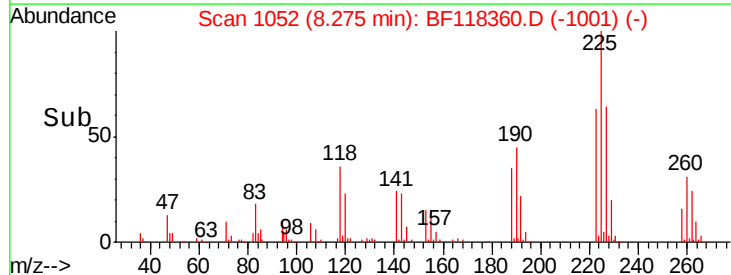
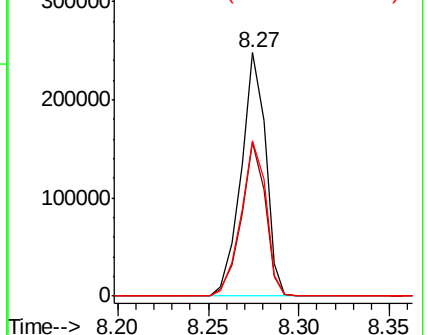


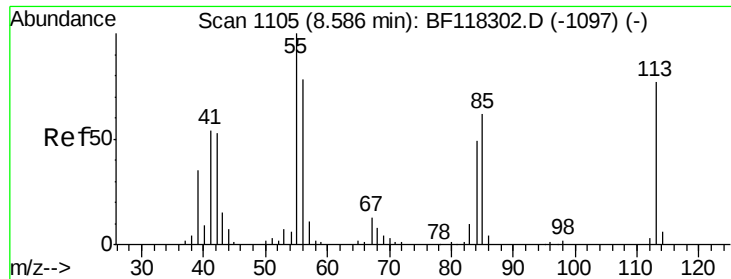
#34
Hexachlorobutadiene
Concen: 37.904 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:225	Resp:	232700
Ion Ratio	Lower	Upper
225	100	
223	63.1	49.5 74.3
227	64.0	51.0 76.4



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

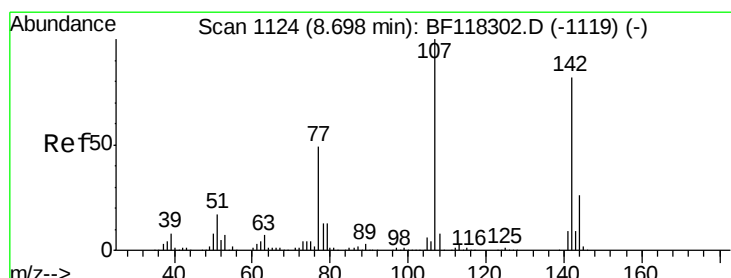
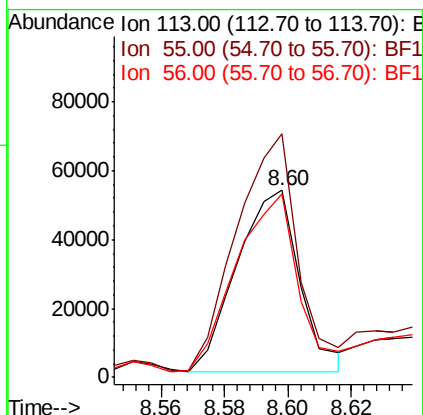
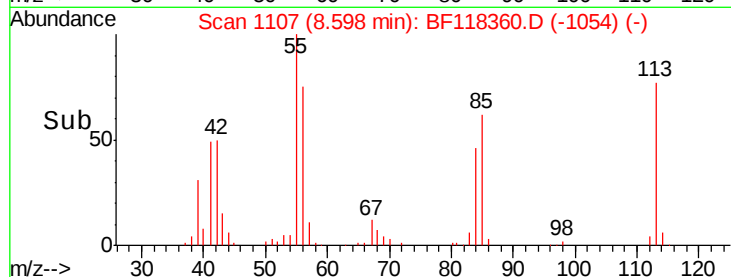
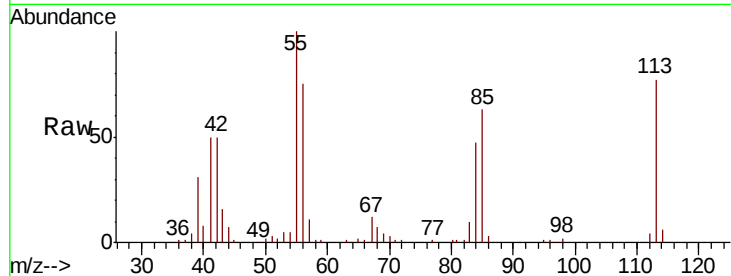




#35
Caprolactam
Concen: 26.202 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

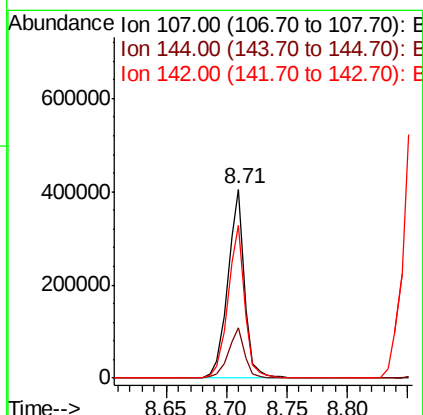
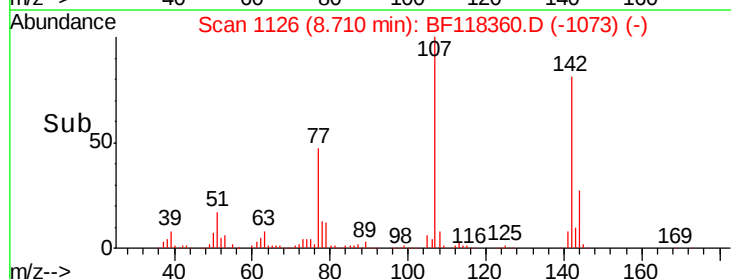
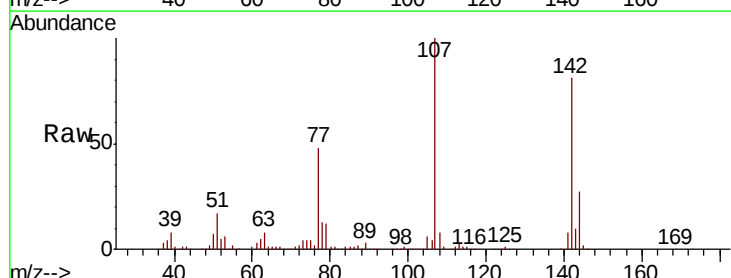
Instrument :
BNA_F
ClientSampled :

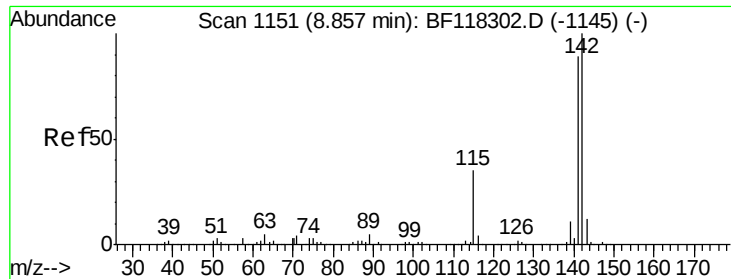
Tot Ion:113 Resp: 72424
Ion Ratio Lower Upper
113 100
55 130.1 109.8 149.8
56 97.8 81.7 121.7



#36
4-Chloro-3-methylphenol
Concen: 40.869 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:107 Resp: 388476
Ion Ratio Lower Upper
107 100
144 26.7 21.2 31.8
142 81.1 65.4 98.2

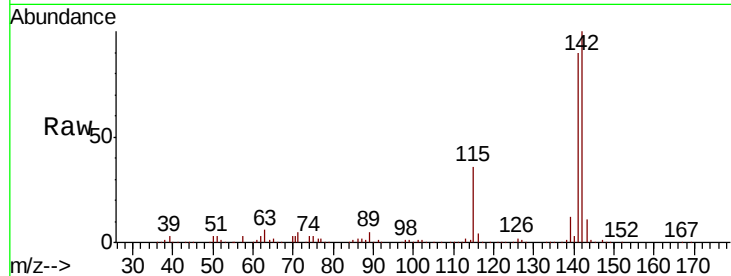




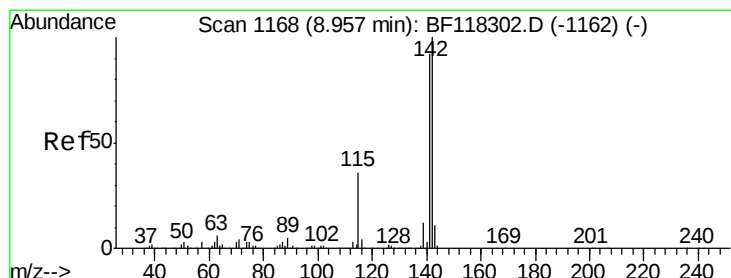
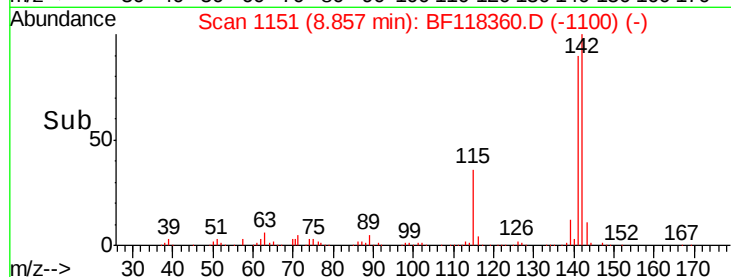
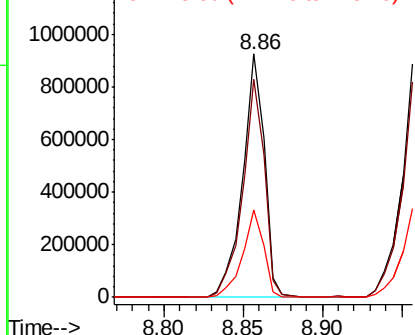
#37
2-Methylnaphthalene
Concen: 41.654 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 880910
Ion Ratio Lower Upper
142 100
141 89.7 71.2 106.8
115 35.9 28.0 42.0

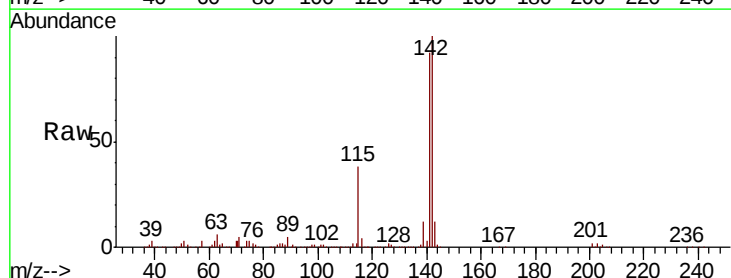


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

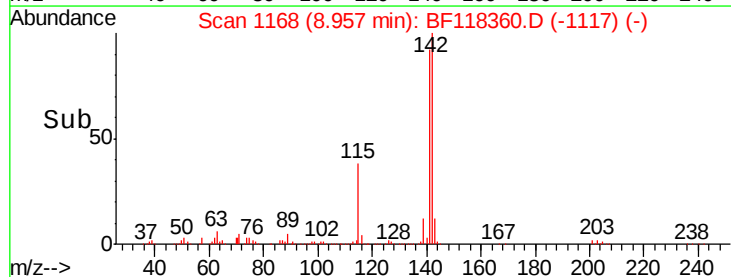
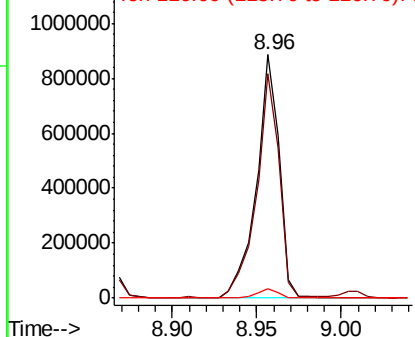


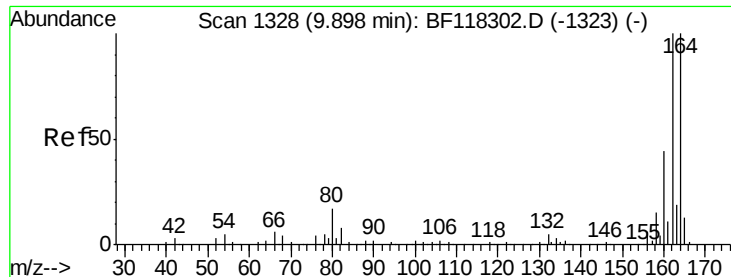
#38
1-Methylnaphthalene
Concen: 41.552 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:142 Resp: 827898
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2
116 3.8 2.9 4.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampleId :

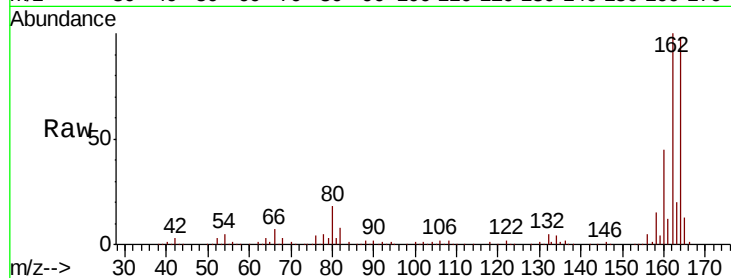
Tot Ion:164 Resp: 328664

Ion Ratio Lower Upper

164 100

162 101.9 80.0 120.0

160 45.6 34.8 52.2

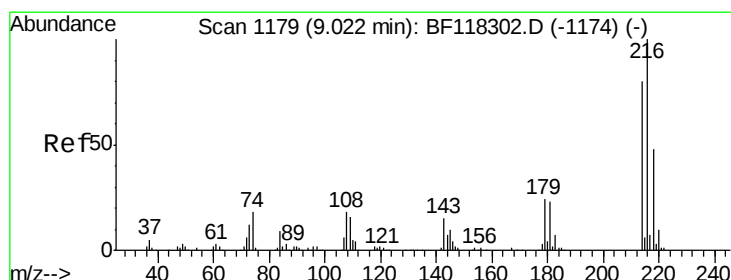
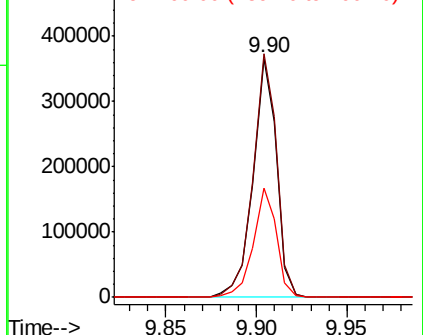
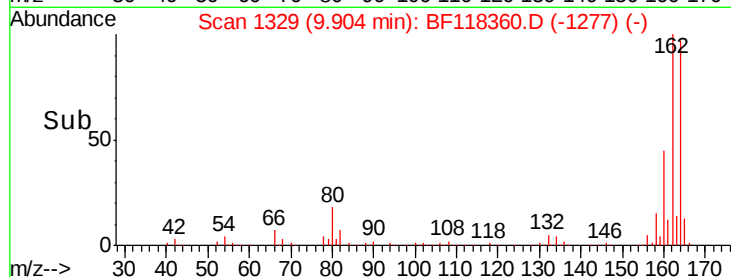


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.325 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Tgt Ion:216 Resp: 388334

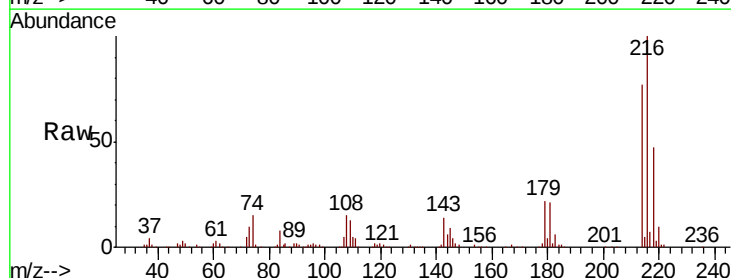
Ion Ratio Lower Upper

216 100

214 77.9 63.3 94.9

179 22.5 18.9 28.3

108 18.9 15.0 22.6



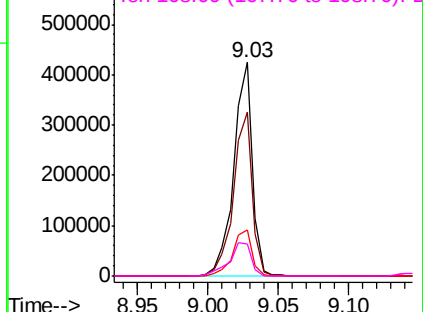
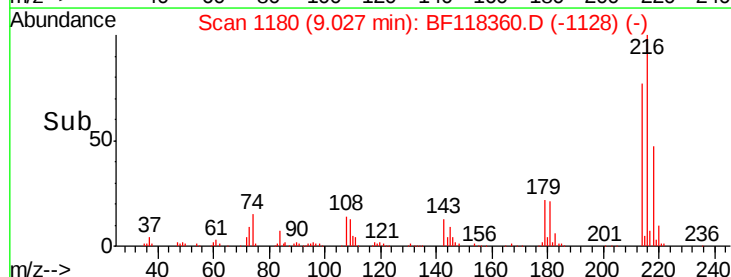
Abundance

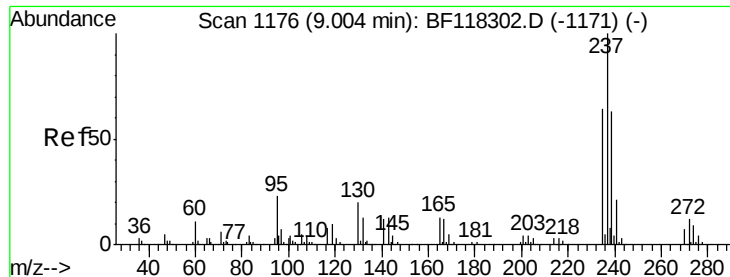
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.466 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampled :

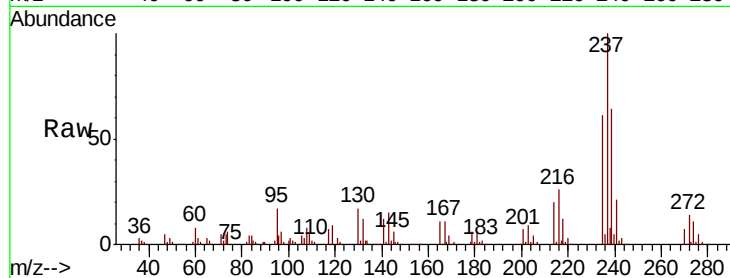
Tot Ion:237 Resp: 189523

Ion Ratio Lower Upper

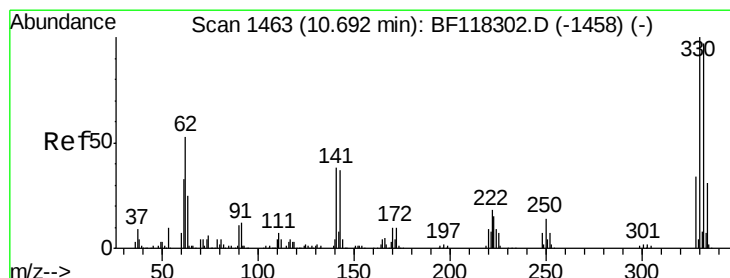
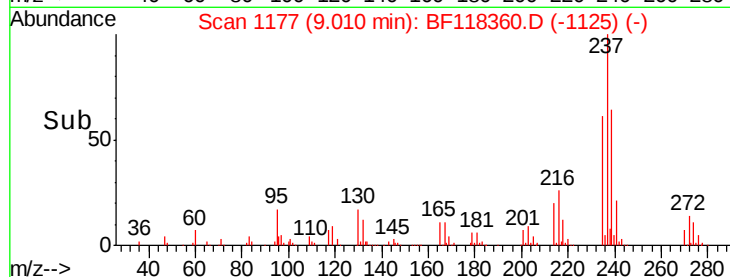
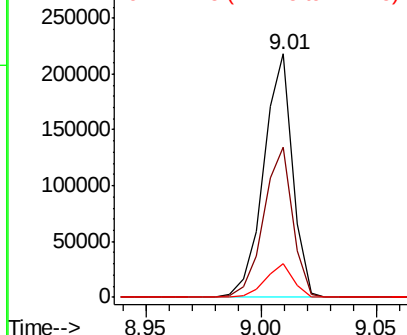
237 100

235 61.5 43.8 83.8

272 13.8 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 105.172 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

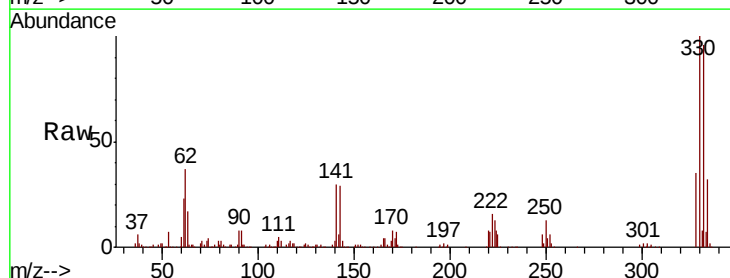
Tgt Ion:330 Resp: 426869

Ion Ratio Lower Upper

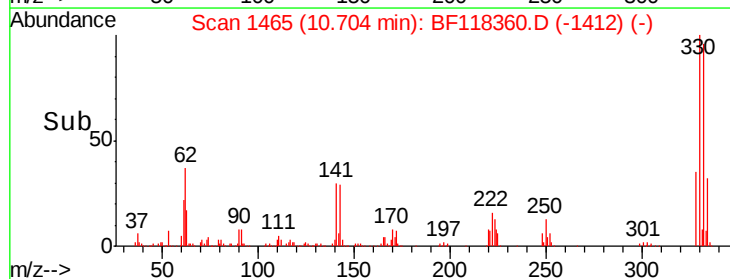
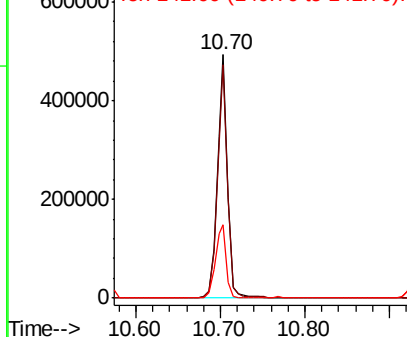
330 100

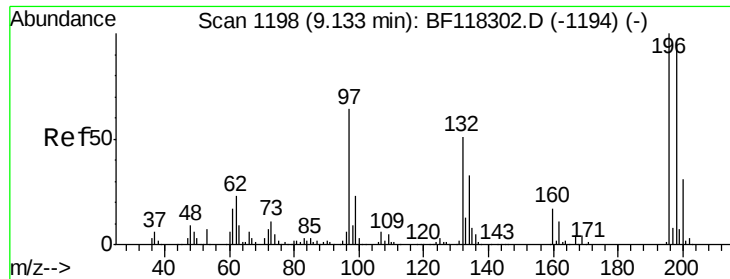
332 96.0 76.6 114.8

141 32.4 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

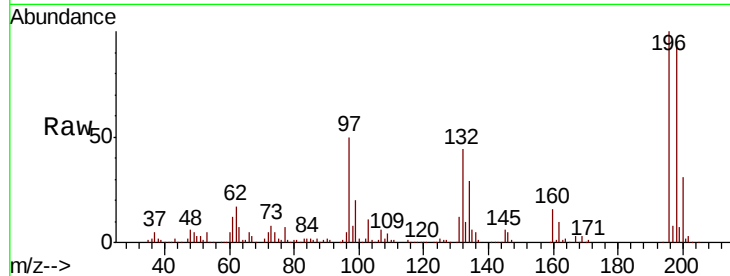




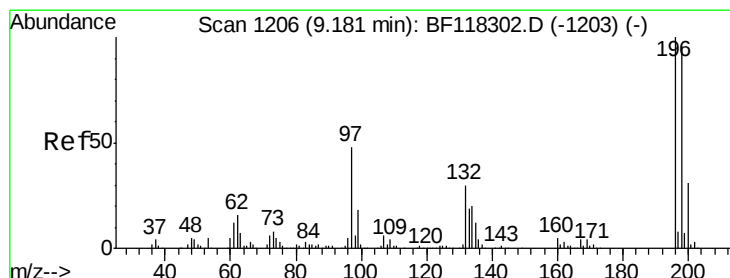
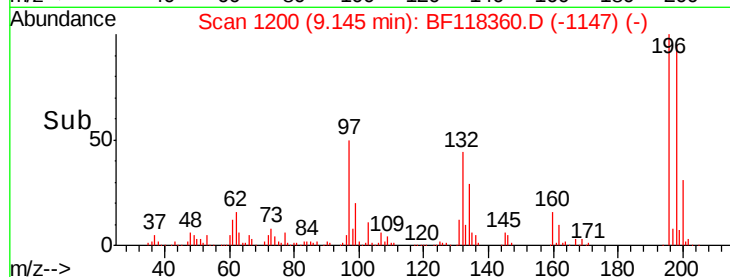
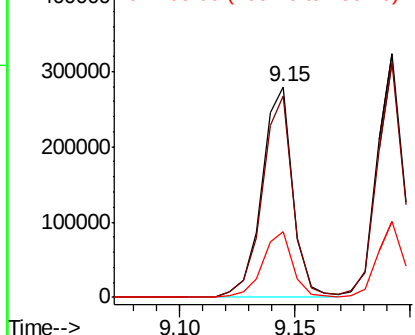
#43
 2,4,6-Trichlorophenol
 Concen: 39.758 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 262286
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.7 115.1
 200 31.0 24.8 37.2



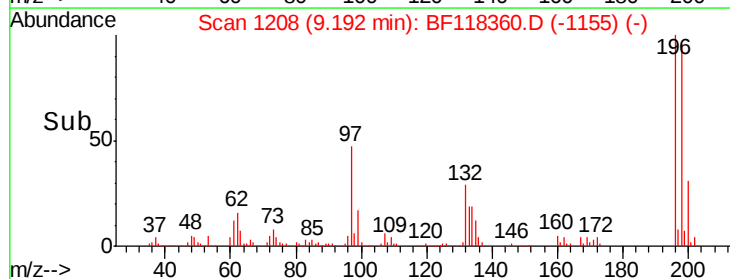
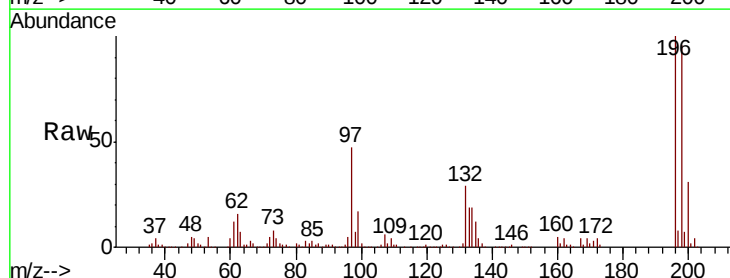
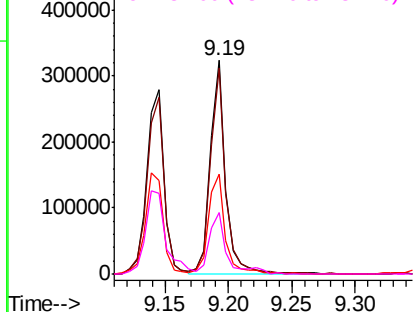
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

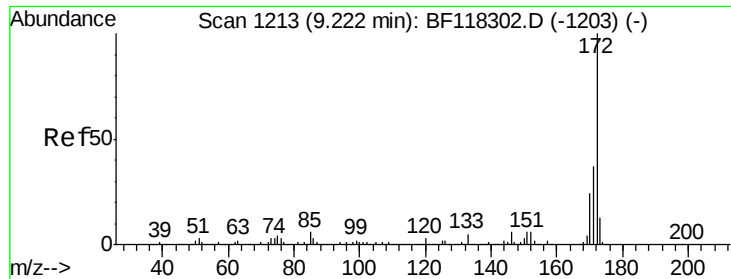


#44
 2,4,5-Trichlorophenol
 Concen: 40.336 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

Tgt Ion:196 Resp: 273739
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.0 115.4
 97 46.5 38.9 58.3
 132 28.8 23.9 35.9

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

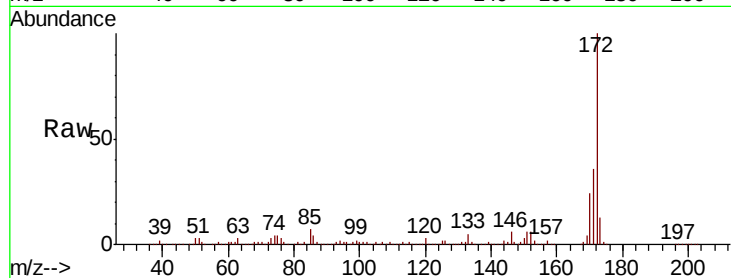




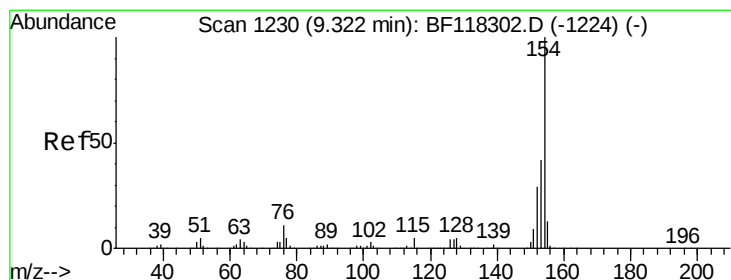
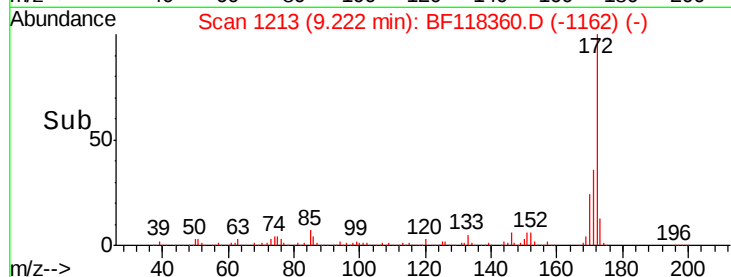
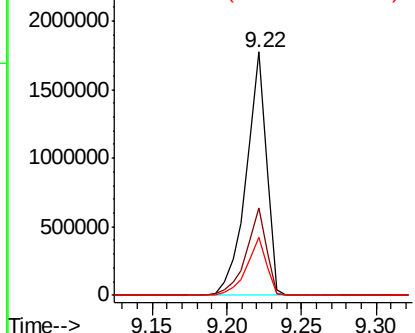
#45
2-Fluorobiphenyl
Concen: 77.583 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1670434
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.9 19.2 28.8

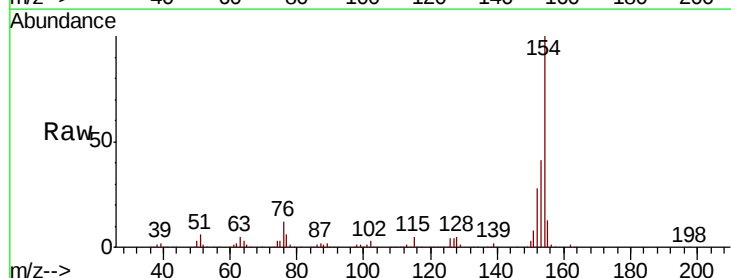


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

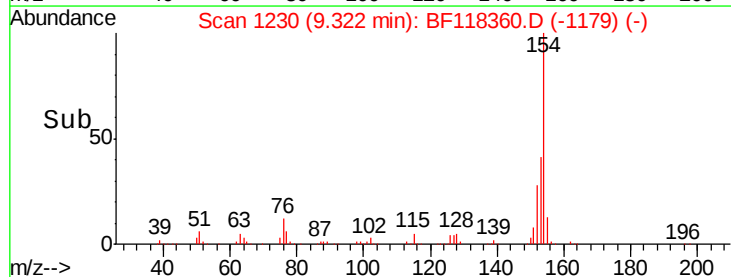
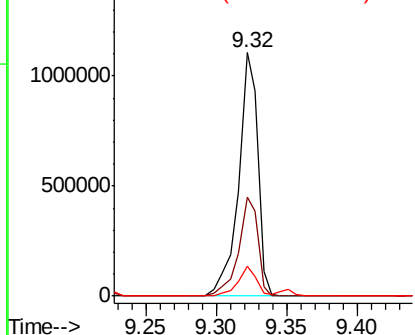


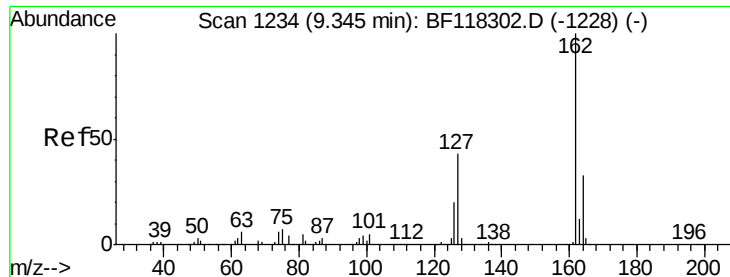
#46
1,1'-Biphenyl
Concen: 40.268 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:154 Resp: 1046784
Ion Ratio Lower Upper
154 100
153 40.7 21.8 61.8
76 12.1 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

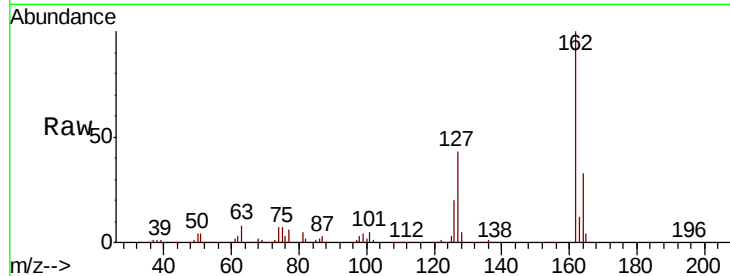




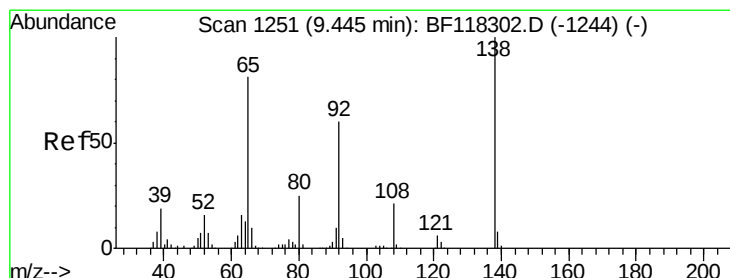
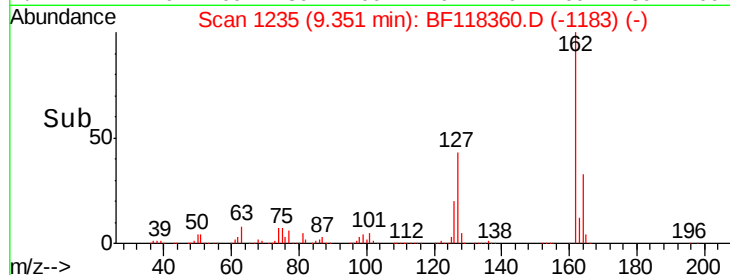
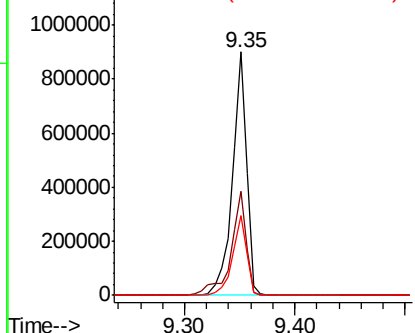
#47
2-Chloronaphthalene
Concen: 38.856 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 812945
Ion Ratio Lower Upper
162 100
127 42.5 35.0 52.4
164 32.9 26.6 40.0

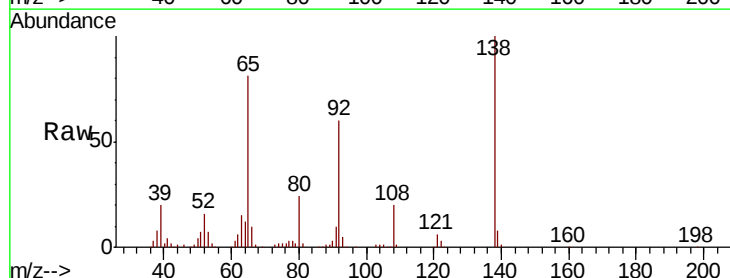


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

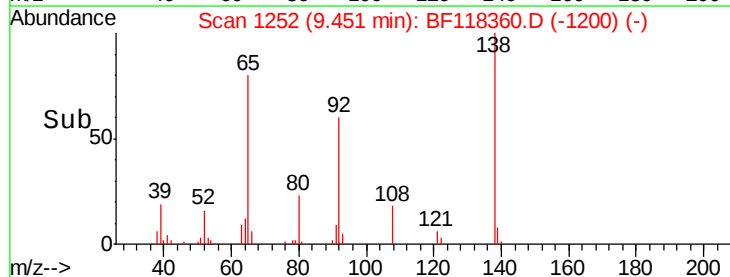
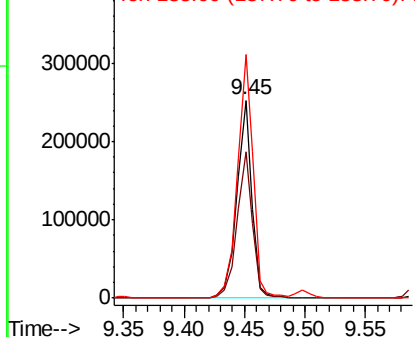


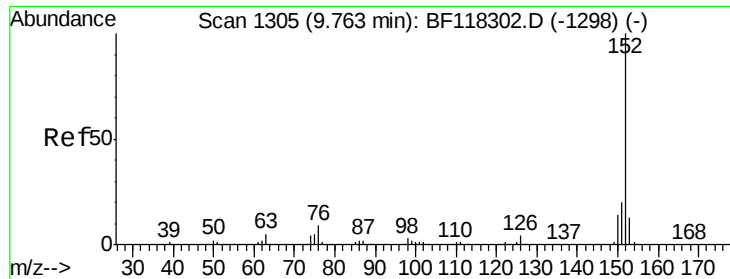
#48
2-Nitroaniline
Concen: 37.345 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion: 65 Resp: 220691
Ion Ratio Lower Upper
65 100
92 73.8 58.7 88.1
138 123.1 98.5 147.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.989 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampleId :

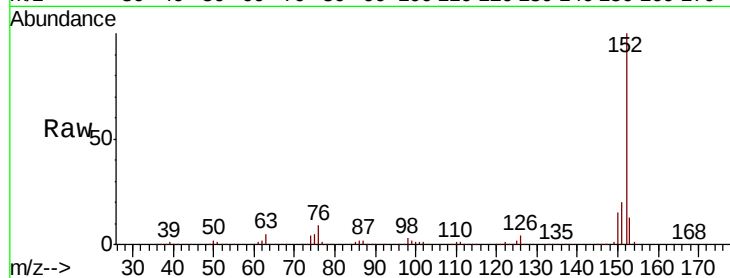
Tot Ion:152 Resp: 1271875

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

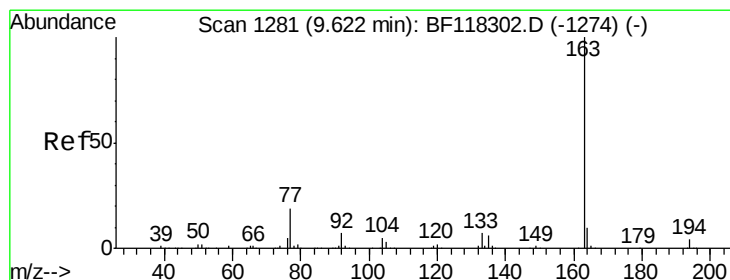
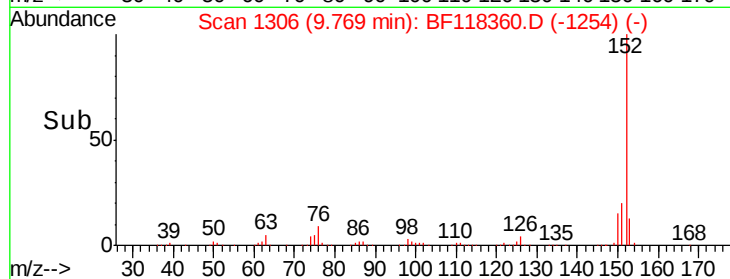
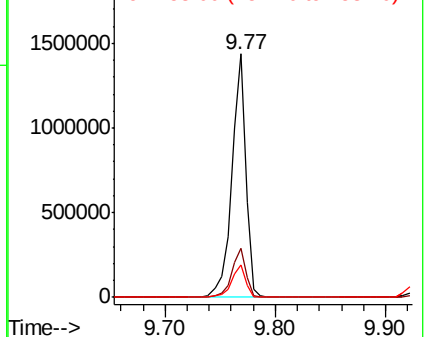
153 13.2 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.614 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

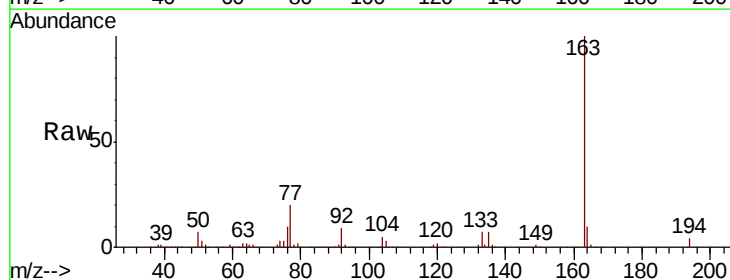
Tgt Ion:163 Resp: 977296

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

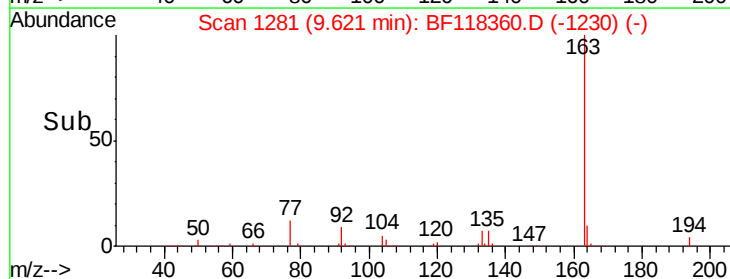
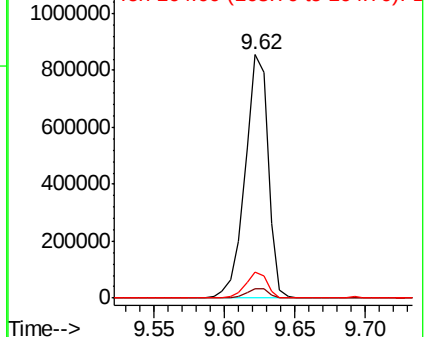
164 10.5 7.9 11.9

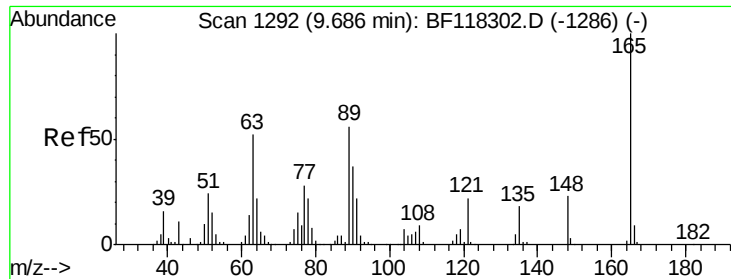


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.808 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampled :

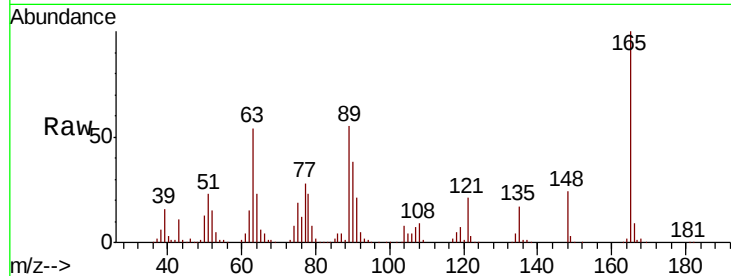
Tot Ion:165 Resp: 217049

Ion Ratio Lower Upper

165 100

63 53.8 42.2 63.4

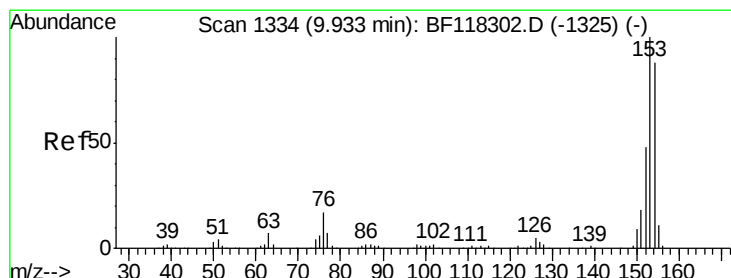
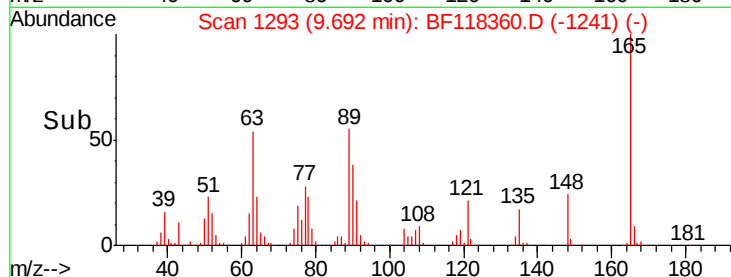
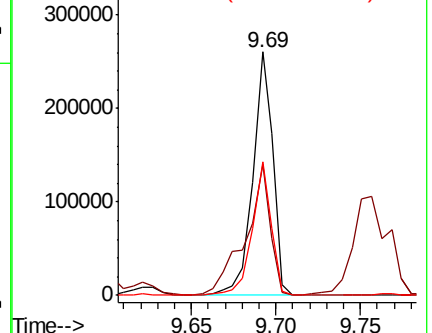
89 54.9 44.4 66.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.539 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

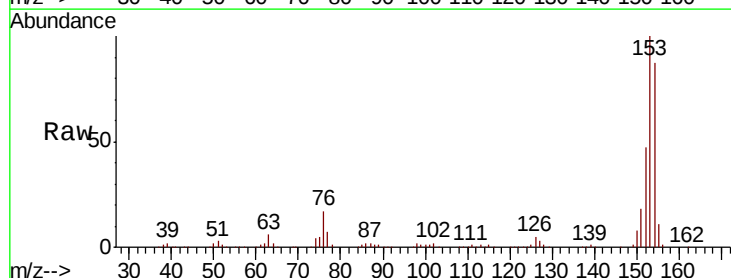
Tgt Ion:154 Resp: 747294

Ion Ratio Lower Upper

154 100

153 114.7 90.6 136.0

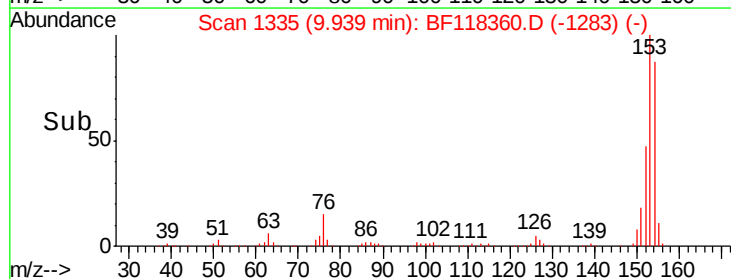
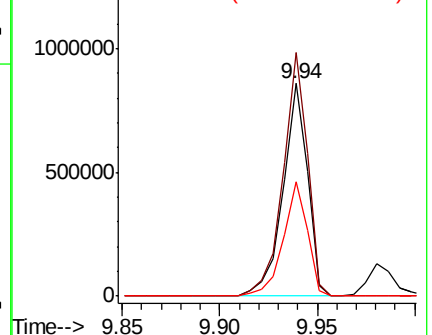
152 53.7 43.1 64.7

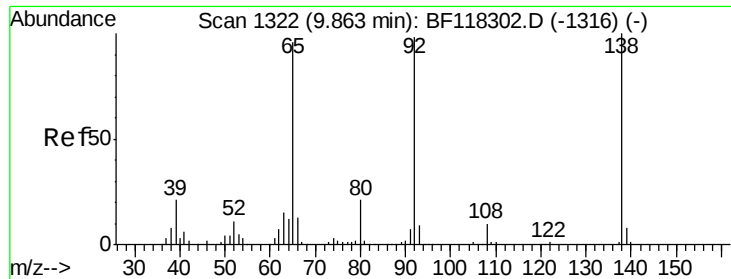


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

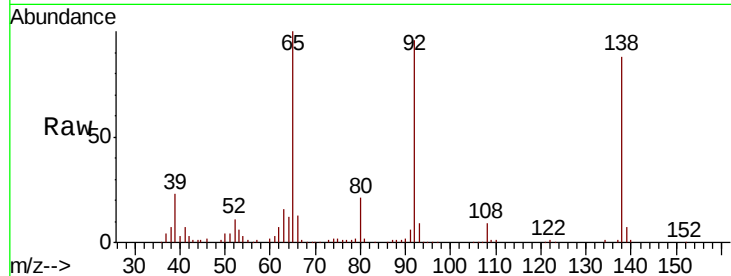




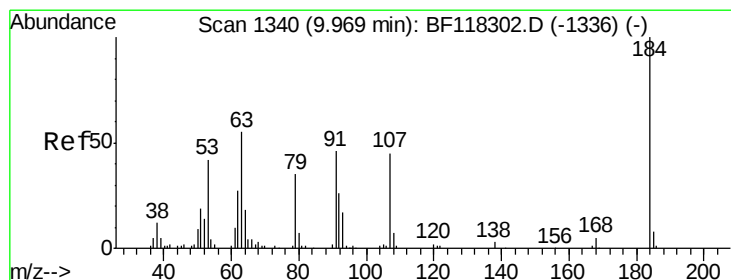
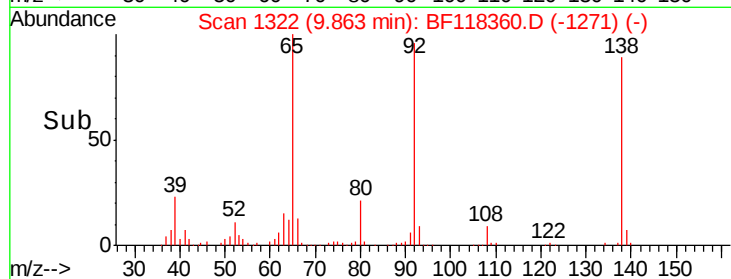
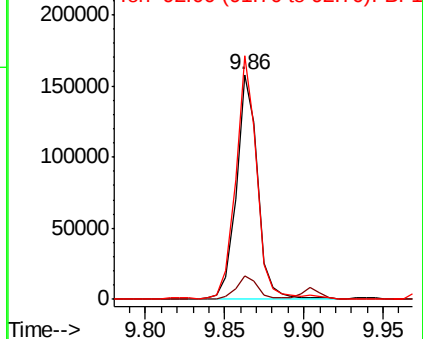
#53
3-Nitroaniline
Concen: 23.564 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 147100
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.8
92 108.5 78.2 117.2

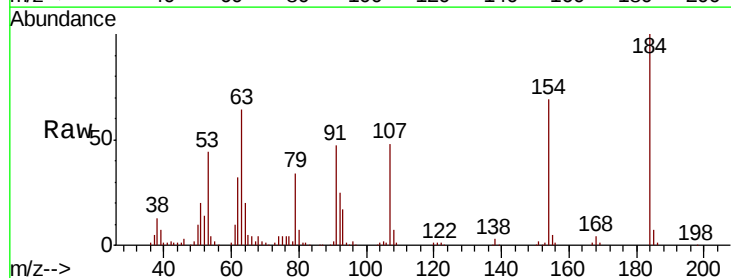


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

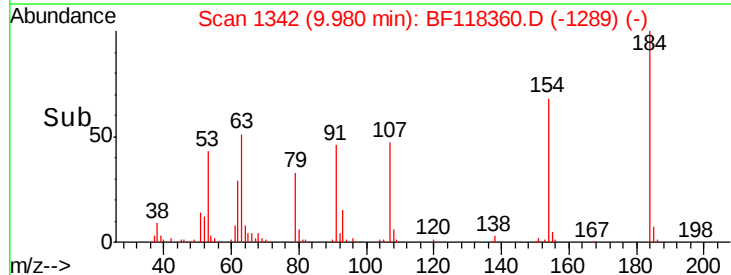
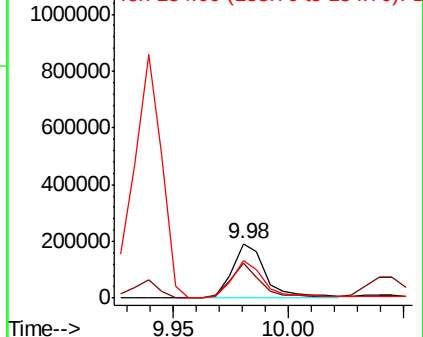


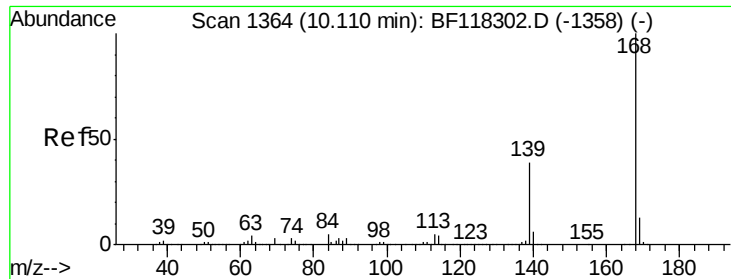
#54
2,4-Dinitrophenol
Concen: 73.510 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:184 Resp: 195933
Ion Ratio Lower Upper
184 100
63 64.0 48.8 73.2
154 68.6 55.0 82.4



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

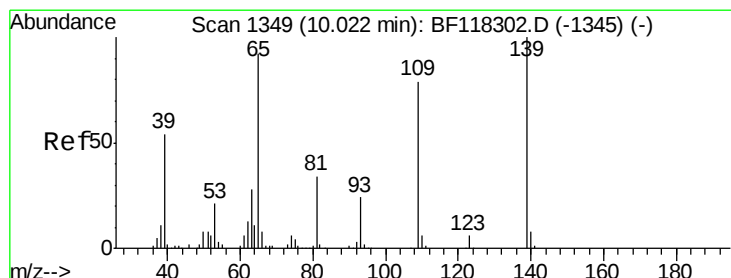
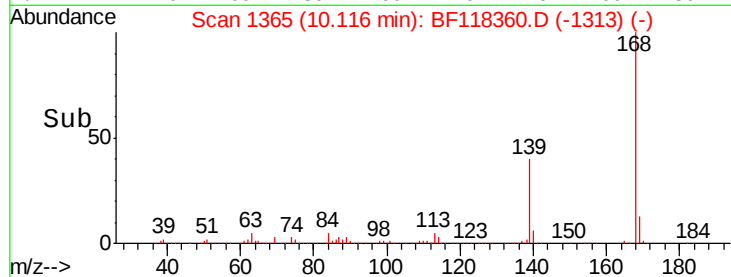
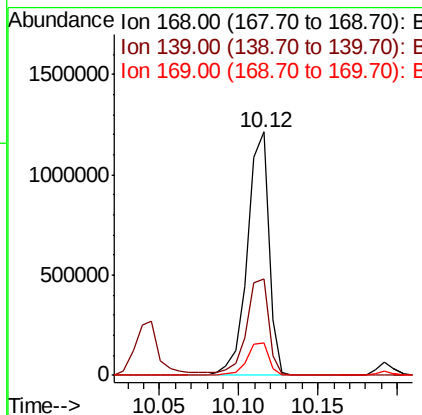
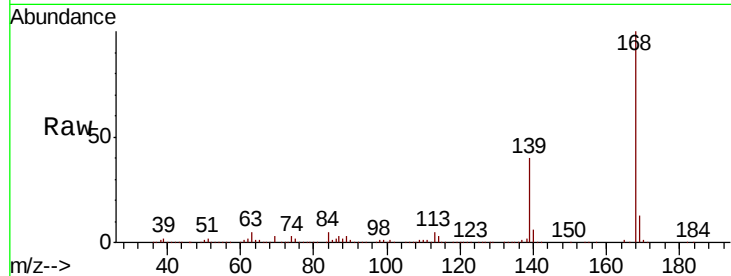




#55
Dibenzofuran
Concen: 40.818 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

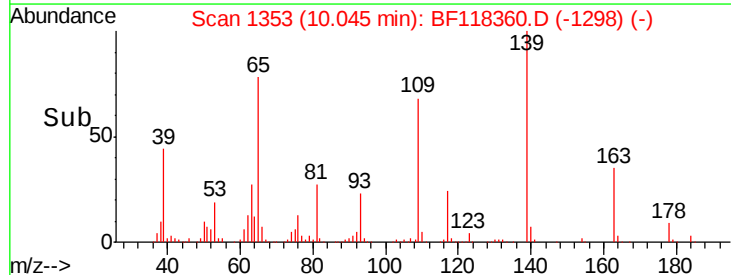
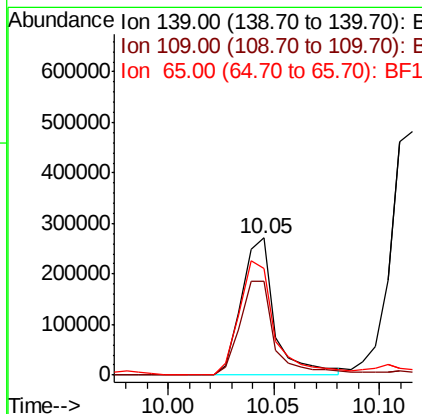
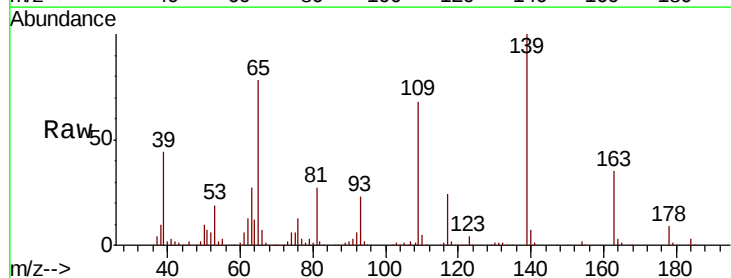
Instrument :
BNA_F
ClientSampleId :

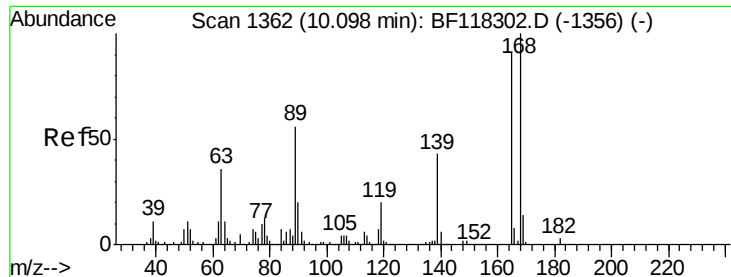
Tot Ion:168 Resp: 1139934
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 76.668 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:139 Resp: 295468
Ion Ratio Lower Upper
139 100
109 68.1 59.3 99.3
65 77.7 72.4 112.4





#57

2,4-Dinitrotoluene

Concen: 40.274 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 286229

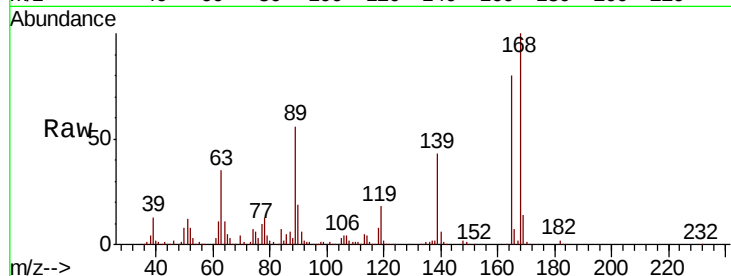
Ion Ratio Lower Upper

165 100

63 44.2 32.0 48.0

89 70.3 49.3 73.9

182 2.8 2.4 3.6

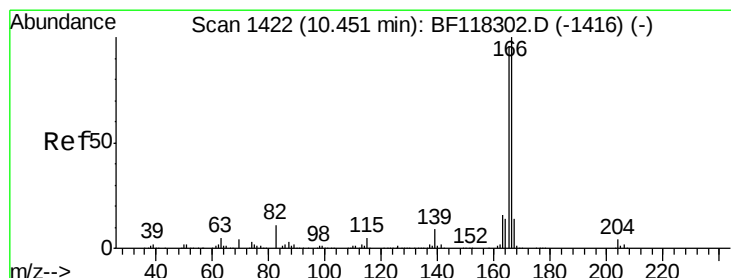
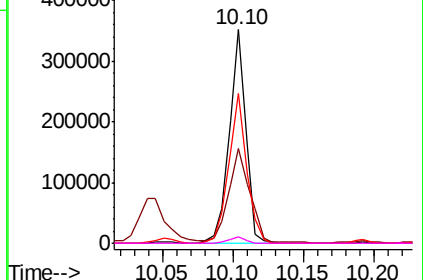
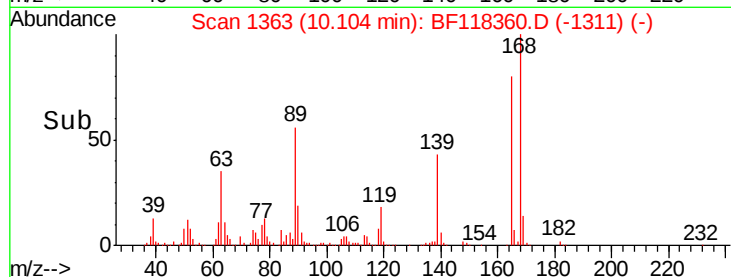


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.192 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

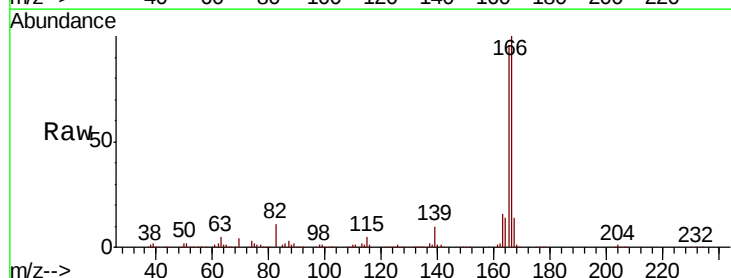
Tgt Ion:166 Resp: 906096

Ion Ratio Lower Upper

166 100

165 95.8 77.0 115.4

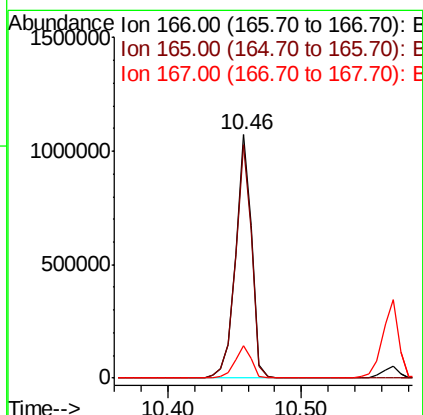
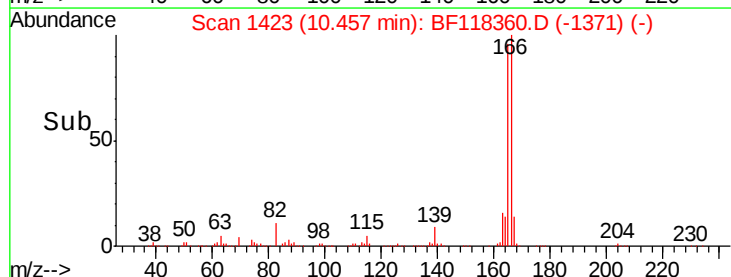
167 13.5 10.9 16.3

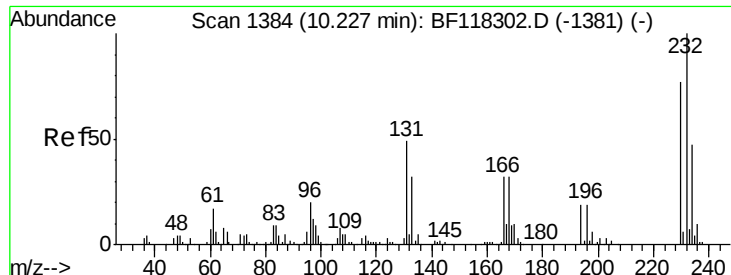


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

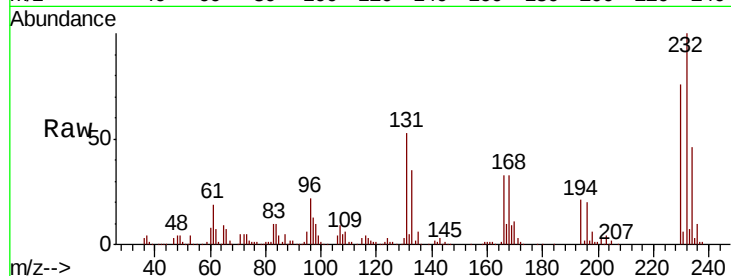




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.613 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.7	56.5
130	2.4	2.0	3.0
166	30.6	24.7	37.1



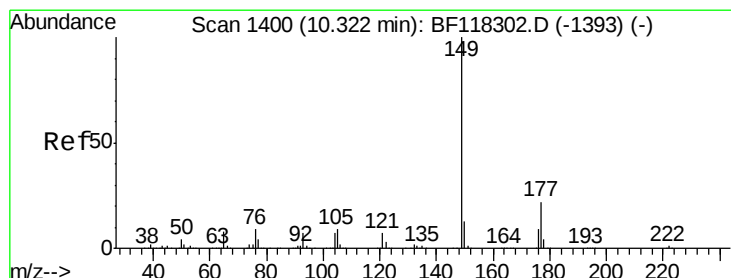
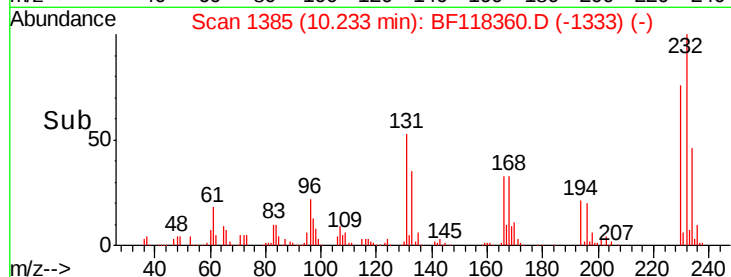
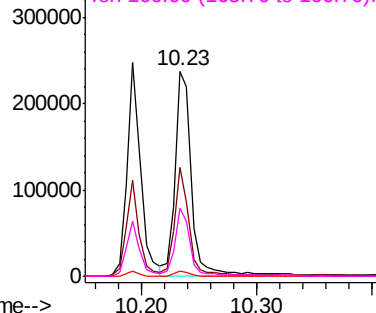
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

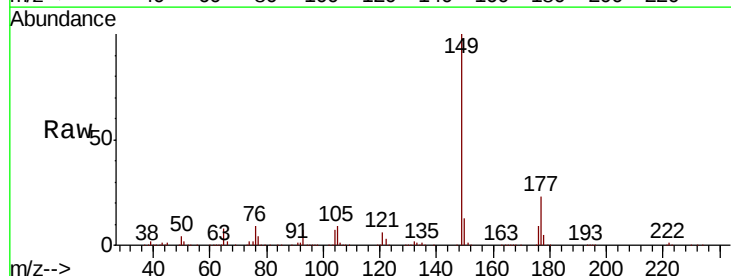
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.144 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.9	26.9
150	13.0	10.2	15.2

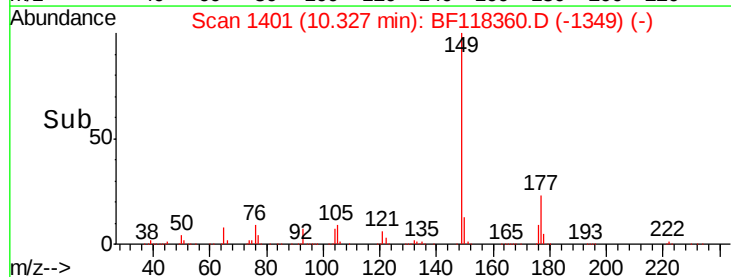
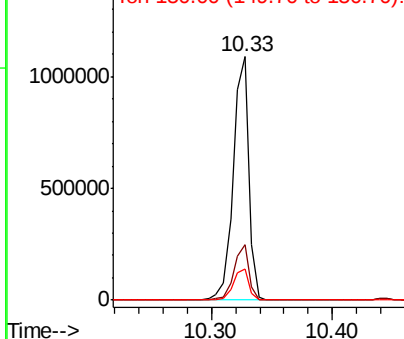


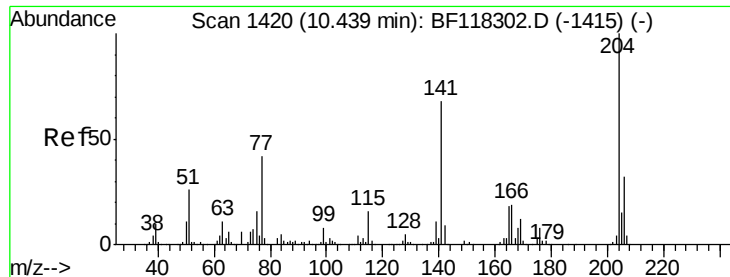
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

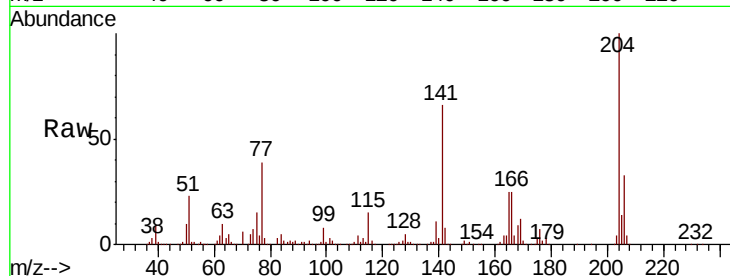




#61
4-Chlorophenyl-phenylether
Concen: 39.729 ng
RT: 10.44 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.8
141	66.1	54.2	81.4

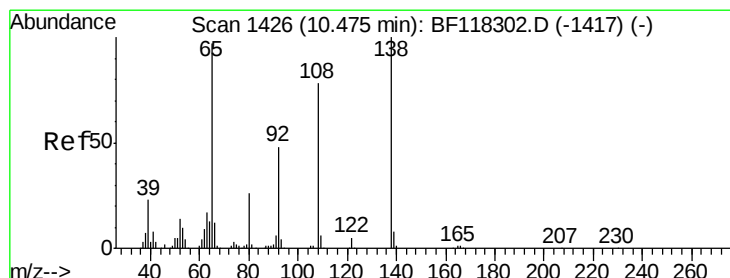
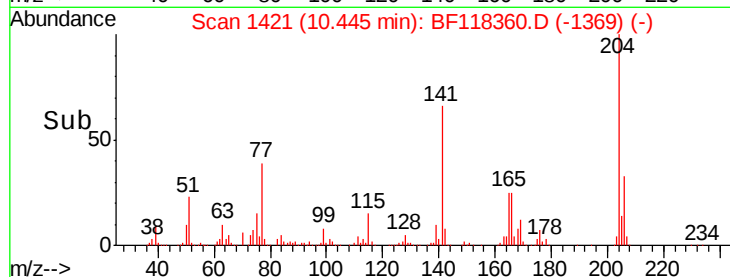
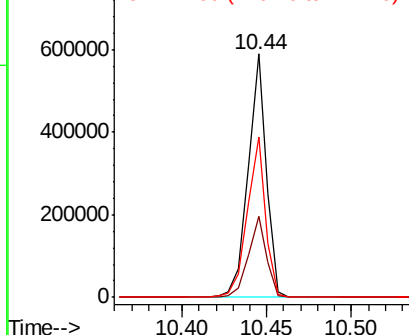


Abundance

Ion 204.00 (203.70 to 204.70): E

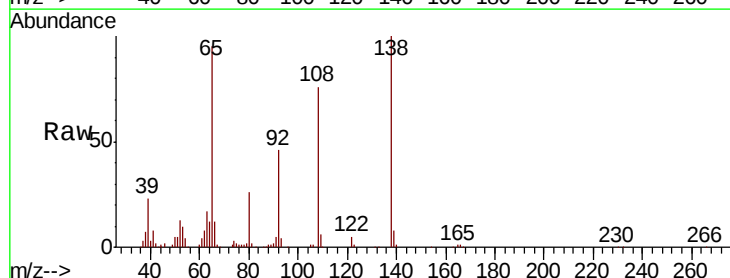
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.475 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	27.9	67.9
108	76.4	58.1	98.1

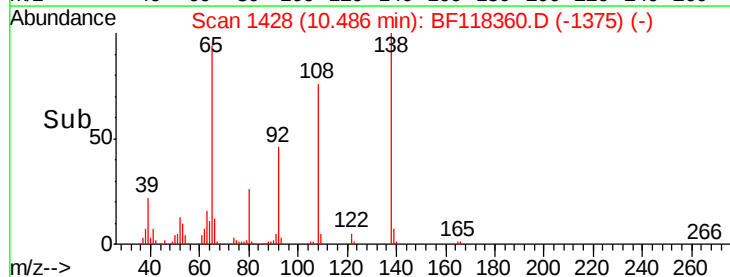
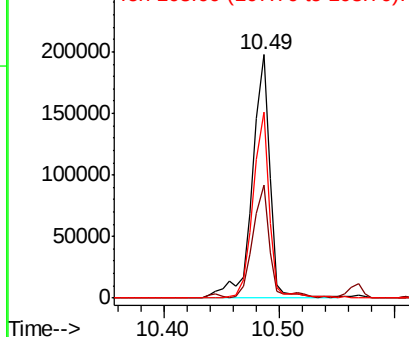


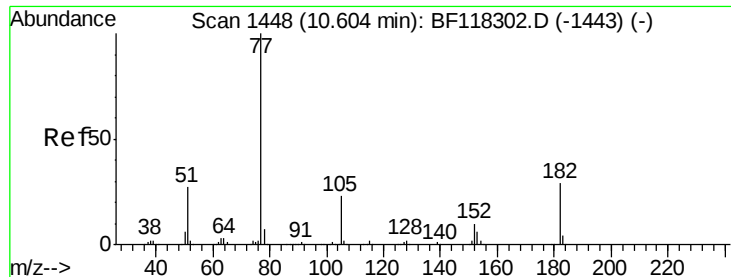
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

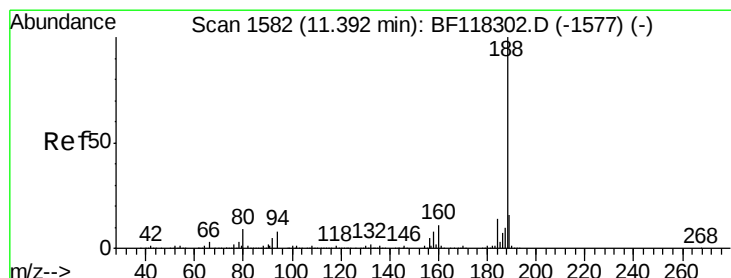
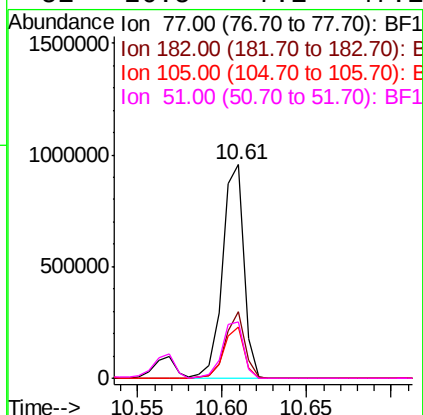
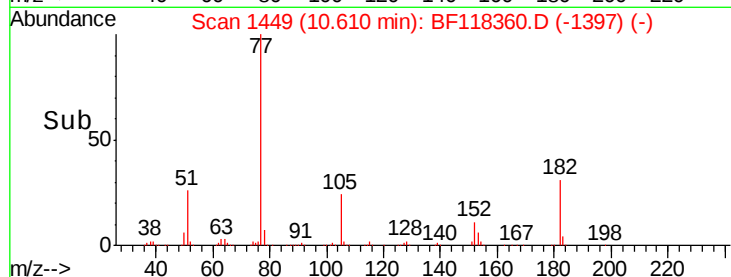
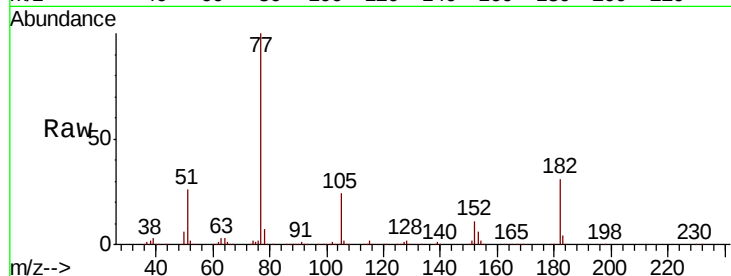




#63
Azobenzene
Concen: 40.280 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

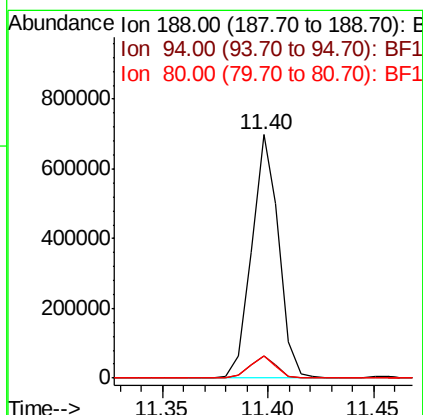
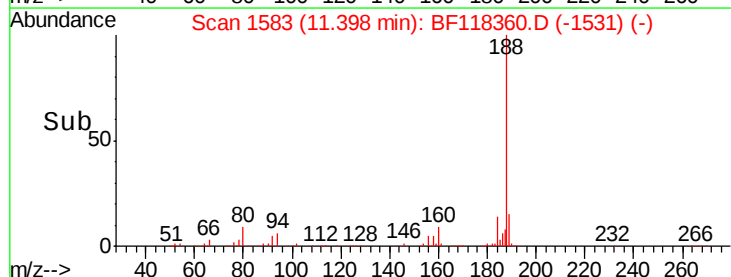
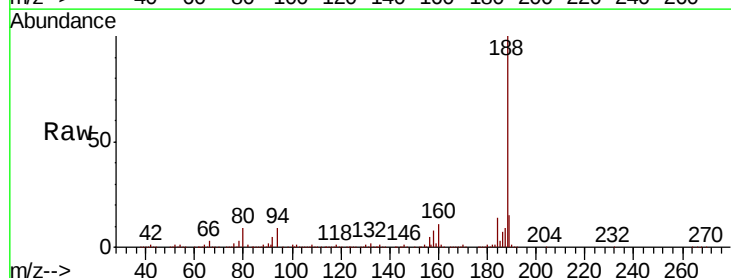
Instrument :
BNA_F
ClientSampled :

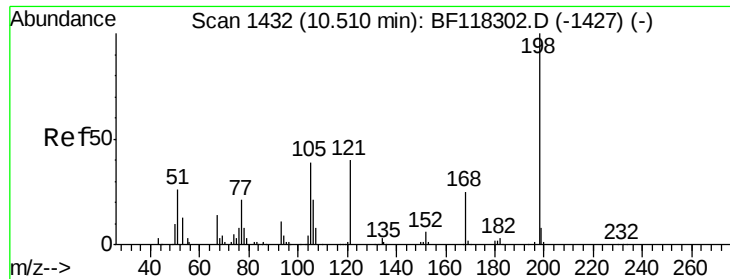
Tot Ion: 77 Resp: 842091
Ion Ratio Lower Upper
77 100
182 31.3 9.2 49.2
105 24.0 3.2 43.2
51 26.5 7.1 47.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion: 188 Resp: 617579
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.3 7.2 10.8

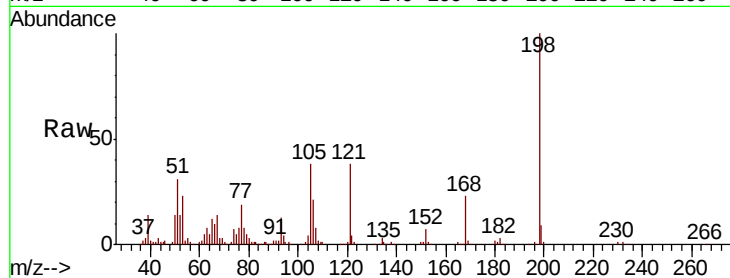




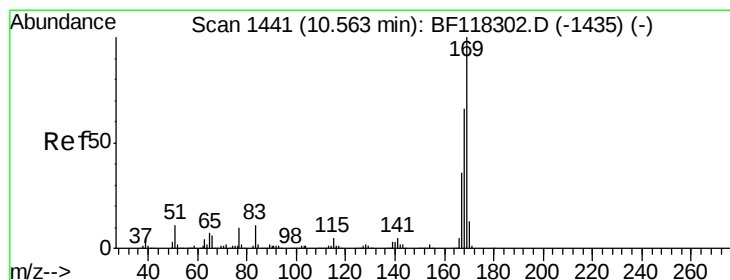
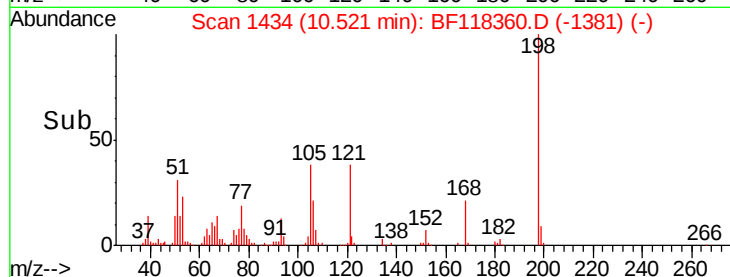
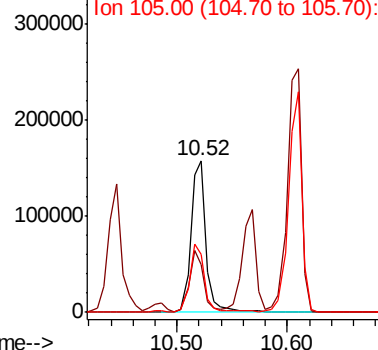
#65
4,6-Dinitro-2-methylphenol
Concen: 44.790 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 149222
Ion Ratio Lower Upper
198 100
51 31.2 12.8 52.8
105 37.9 20.3 60.3

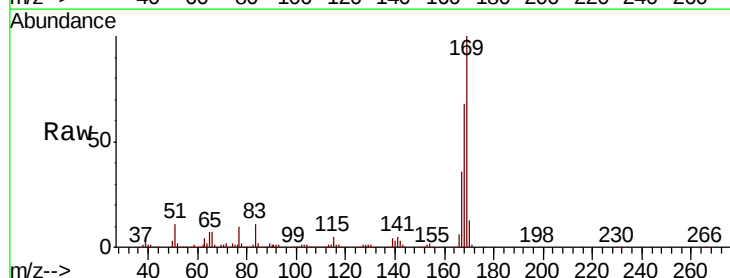


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

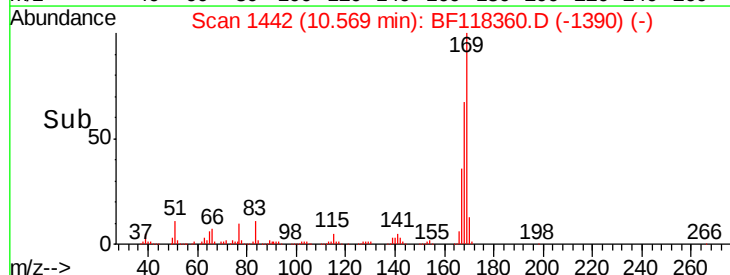
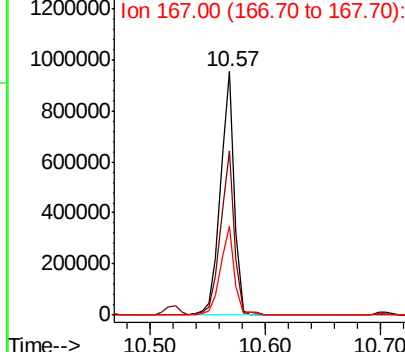


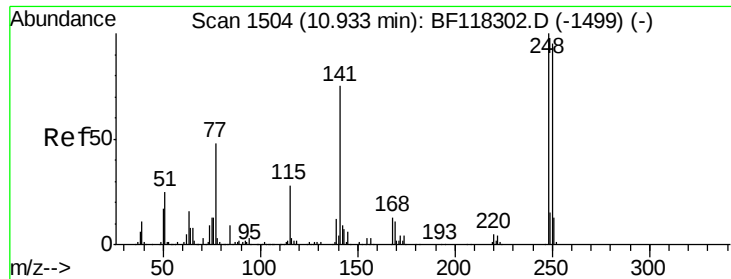
#66
n-Nitrosodiphenylamine
Concen: 40.036 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:169 Resp: 792437
Ion Ratio Lower Upper
169 100
168 67.5 52.6 79.0
167 36.4 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

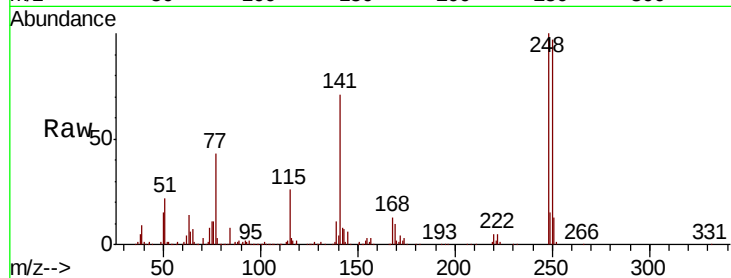




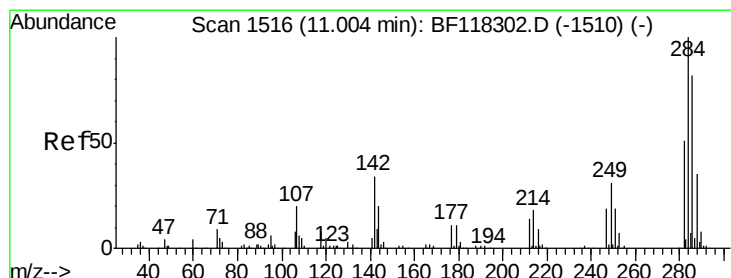
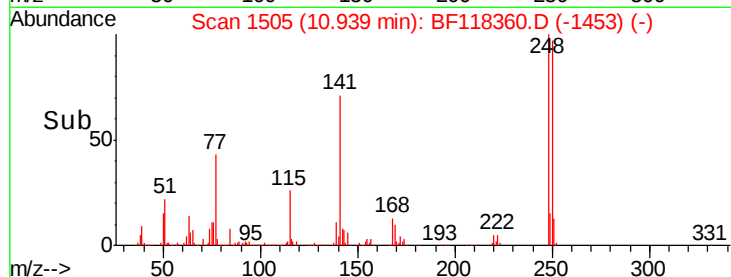
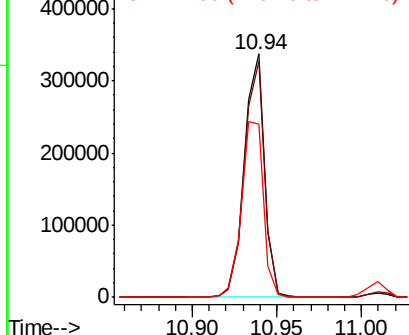
#67
4-Bromophenyl-phenylether
Concen: 39.201 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 283326
Ion Ratio Lower Upper
248 100
250 96.7 76.4 114.6
141 71.3 60.2 90.2

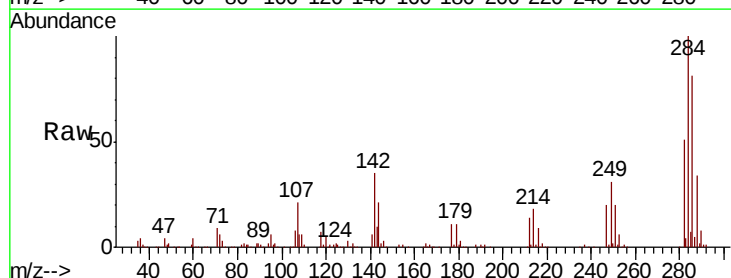


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

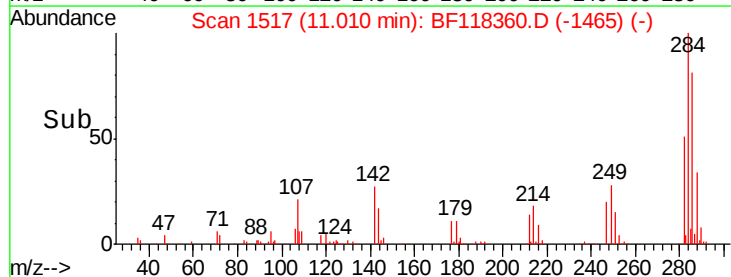
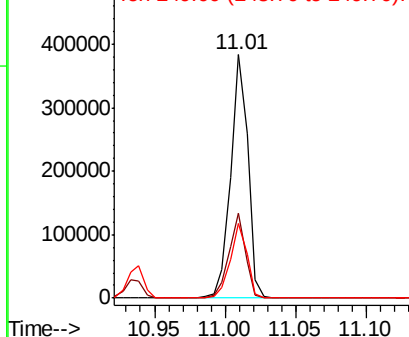


#68
Hexachlorobenzene
Concen: 38.229 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:284 Resp: 325223
Ion Ratio Lower Upper
284 100
142 34.6 27.3 40.9
249 30.5 25.0 37.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

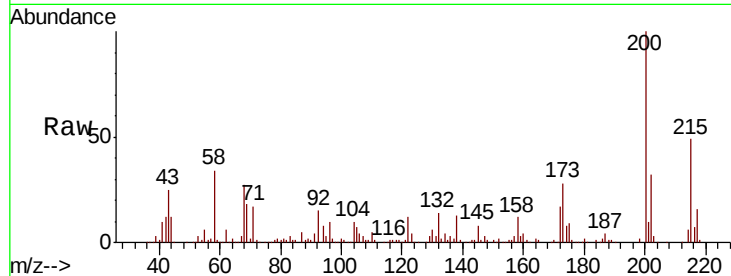




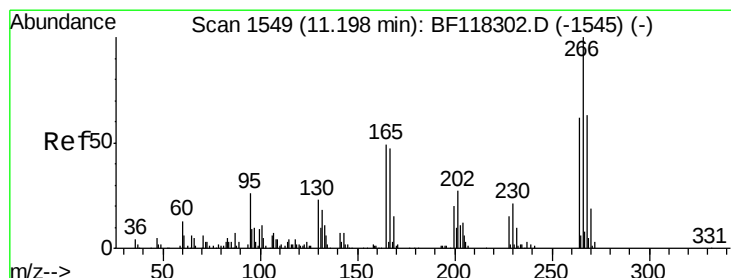
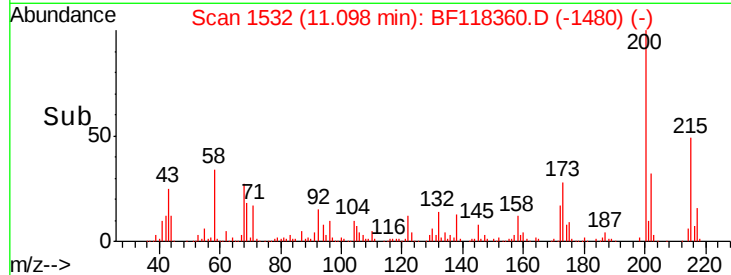
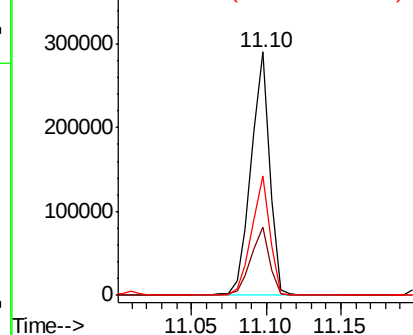
#69
Atrazine
Concen: 41.112 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 251145
Ion Ratio Lower Upper
200 100
173 28.3 5.8 45.8
215 49.1 25.1 65.1

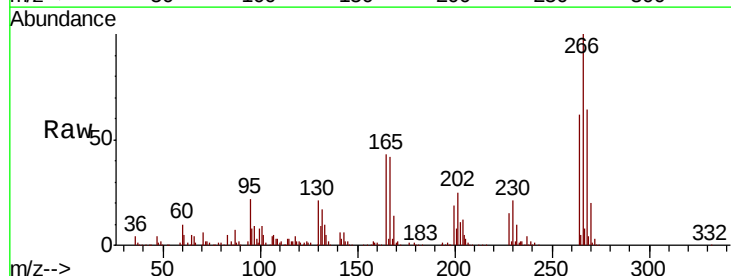


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

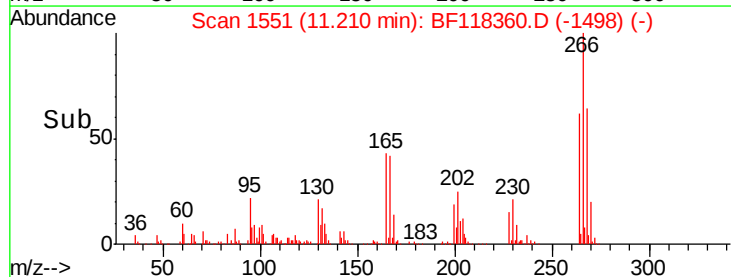
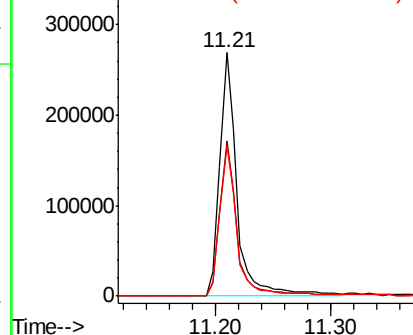


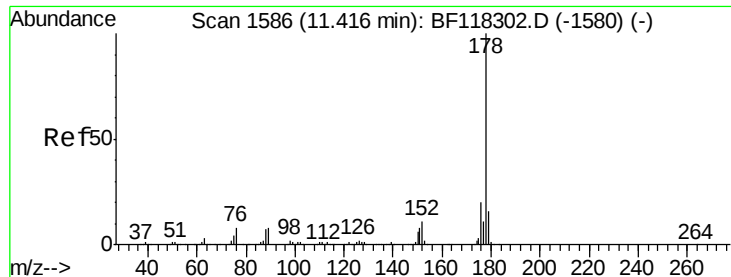
#70
Pentachlorophenol
Concen: 76.232 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:266 Resp: 280868
Ion Ratio Lower Upper
266 100
268 63.9 50.6 76.0
264 61.9 49.9 74.9



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

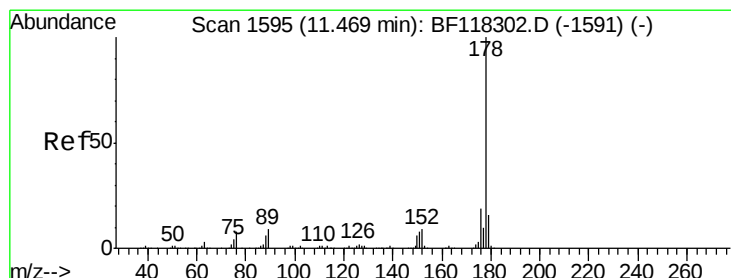
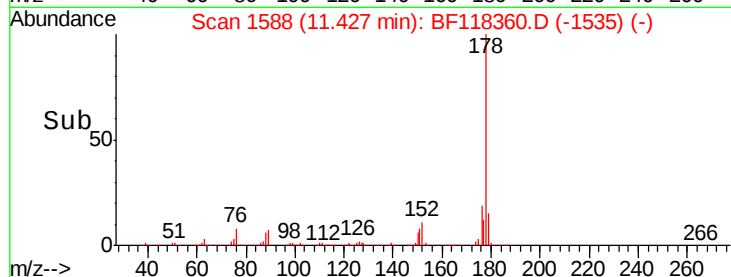
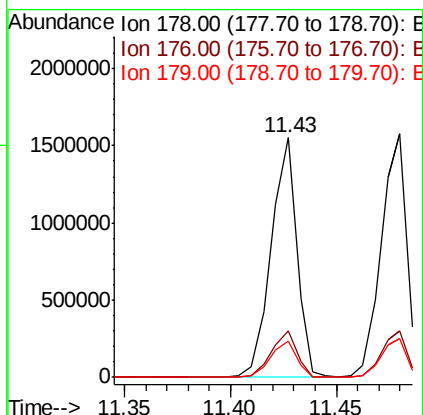
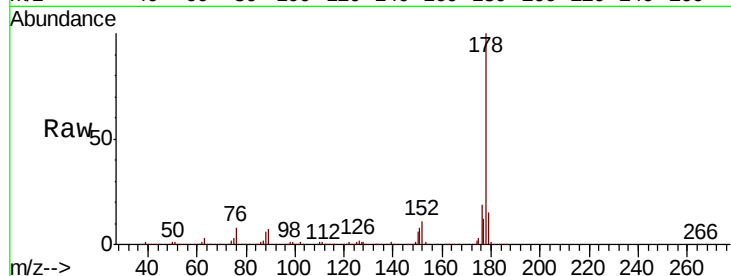




#71
Phenanthrene
Concen: 39.148 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

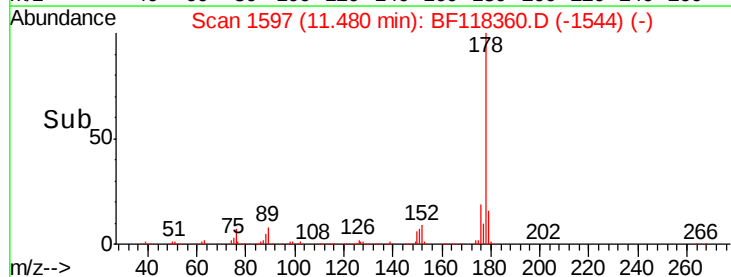
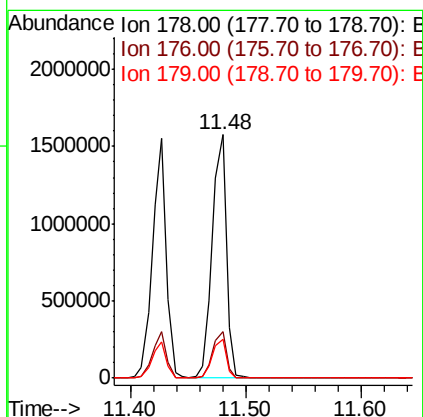
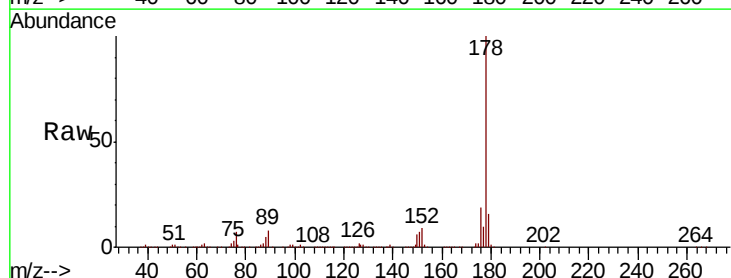
Instrument :
BNA_F
ClientSampleId :

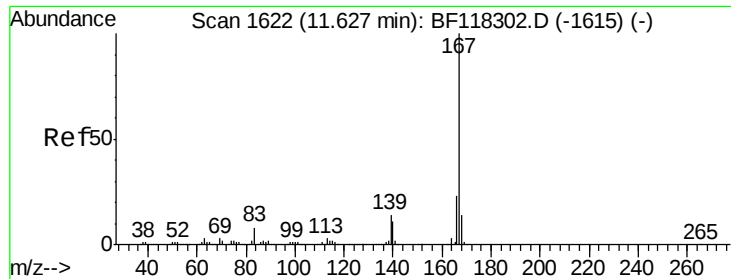
Tot Ion:178 Resp: 1318001
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.0 12.6 19.0



#72
Anthracene
Concen: 40.119 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:178 Resp: 1351966
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.7 12.9 19.3



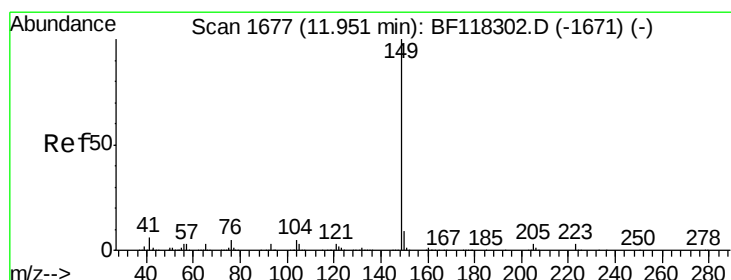
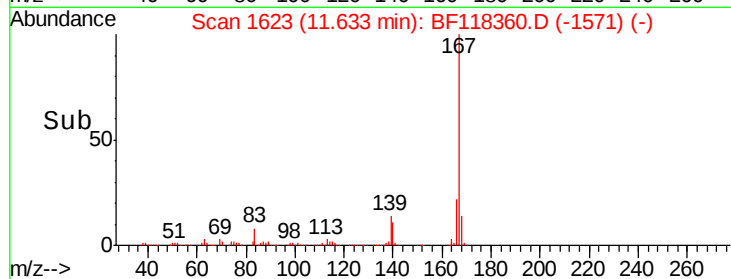
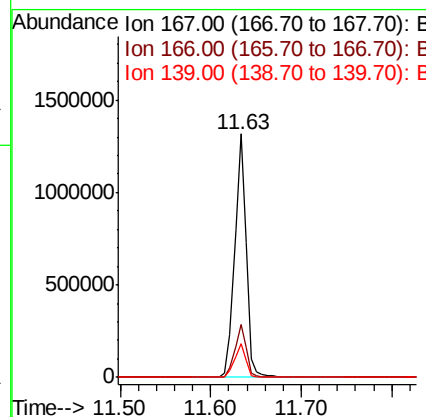
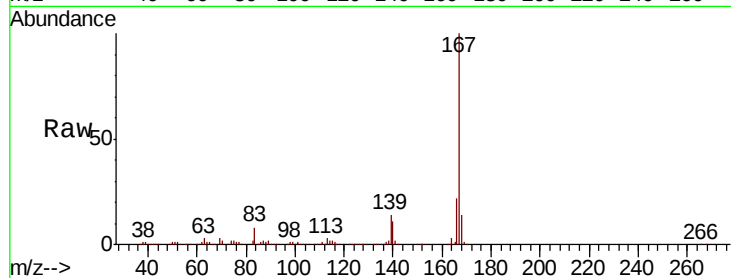


#73
 Carbazole
 Concen: 38.845 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1161555

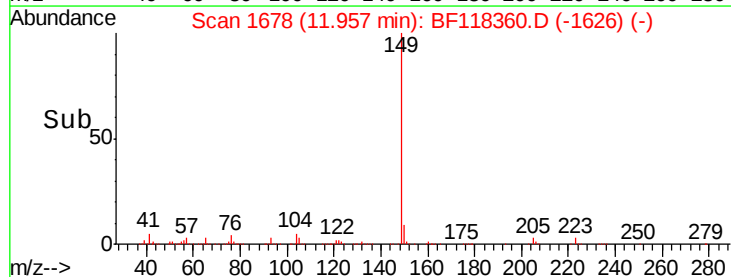
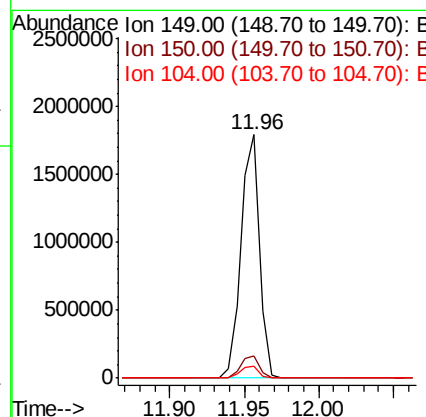
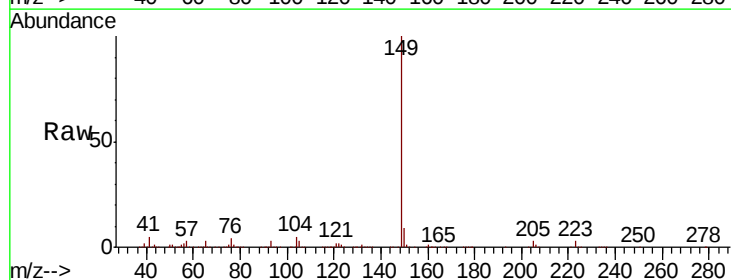
Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	14.0	11.5	17.3

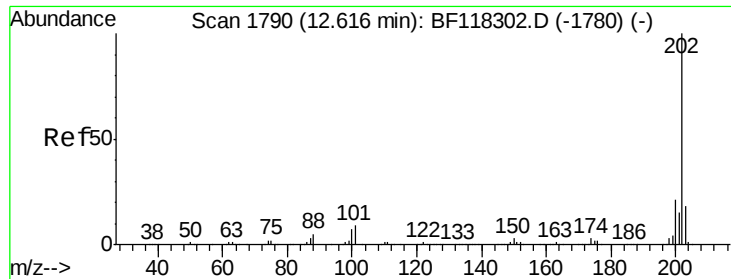


#74
 Di-n-butylphthalate
 Concen: 41.135 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

Tgt Ion:149 Resp: 1559628

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.8	4.0	6.0

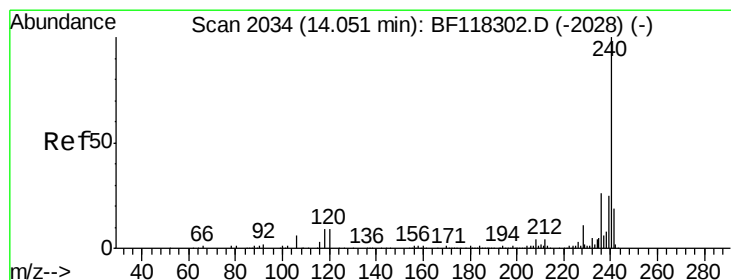
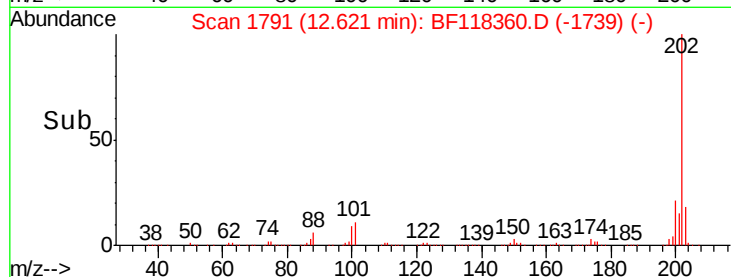
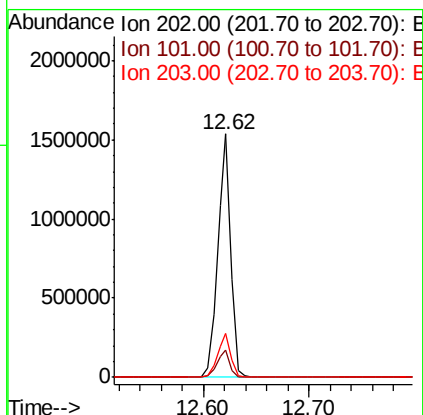
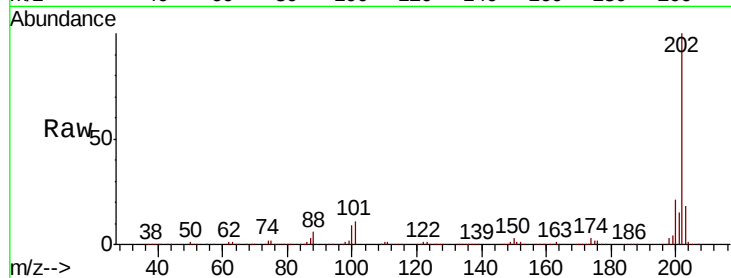




#75
 Fluoranthene
 Concen: 39.266 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

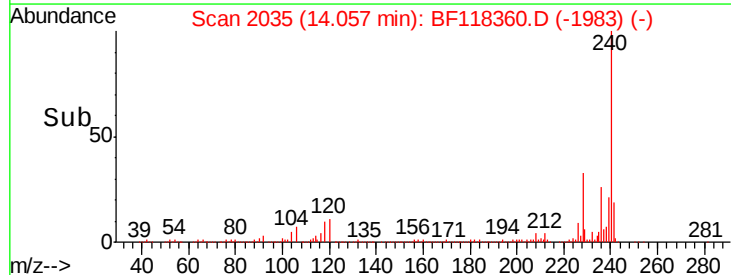
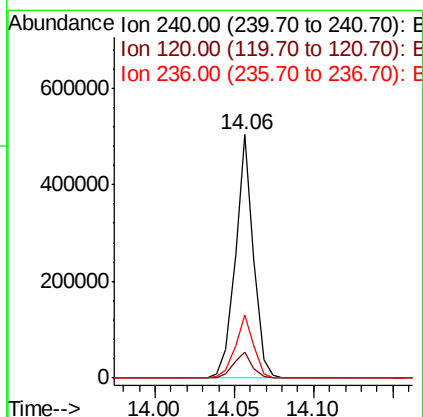
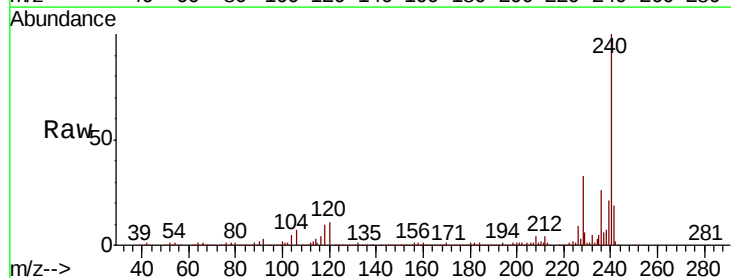
Instrument :
 BNA_F
 ClientSampleId :

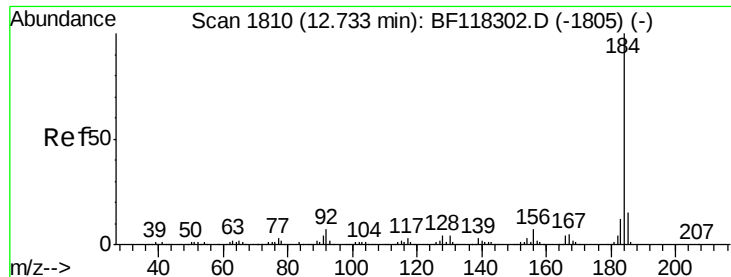
Tot Ion:202 Resp: 1334180
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 29.5
 203 17.9 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

Tgt Ion:240 Resp: 394930
 Ion Ratio Lower Upper
 240 100
 120 10.7 7.1 10.7
 236 25.8 21.0 31.6





#77

Benzidine

Concen: 20.023 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampleId :

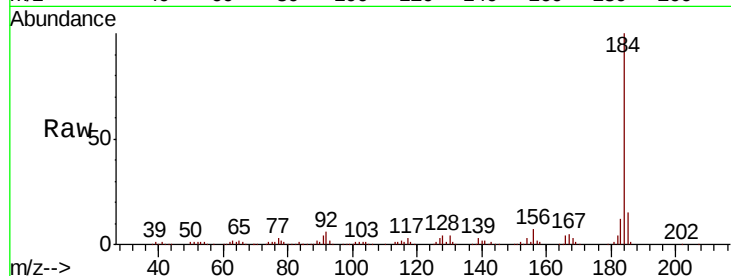
Tot Ion:184 Resp: 216674

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

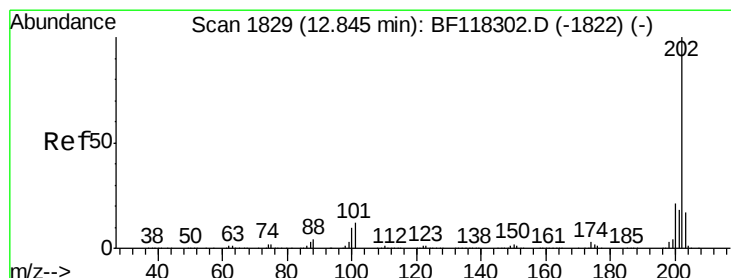
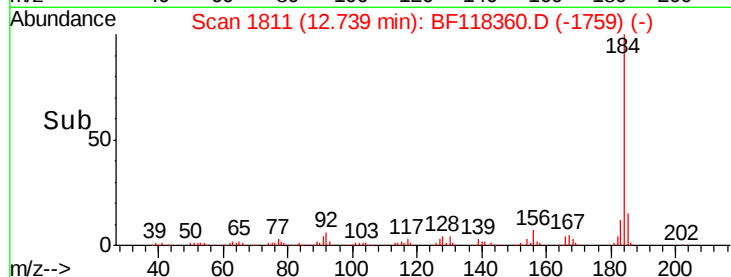
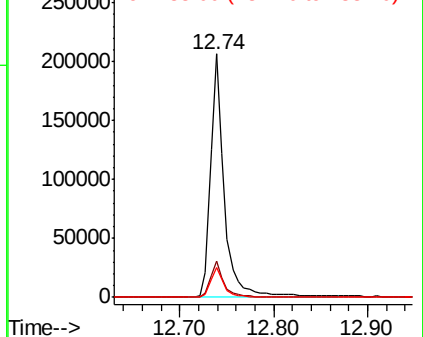
183 12.4 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.508 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

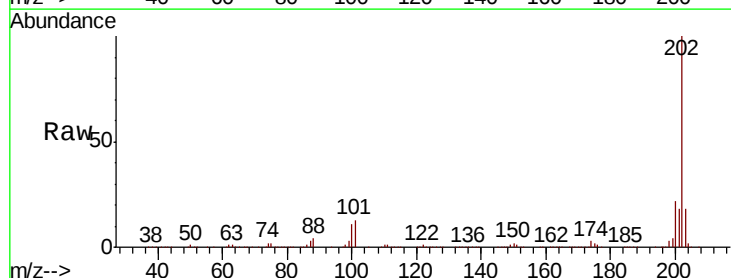
Tgt Ion:202 Resp: 1338648

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

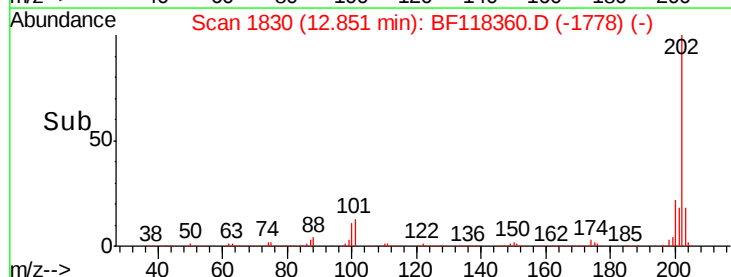
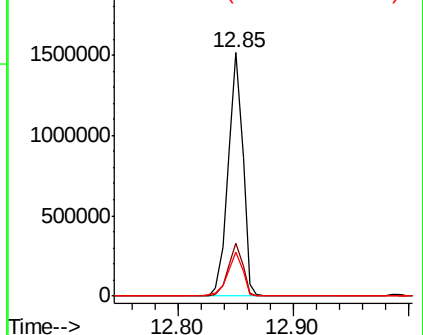
203 18.0 13.9 20.9

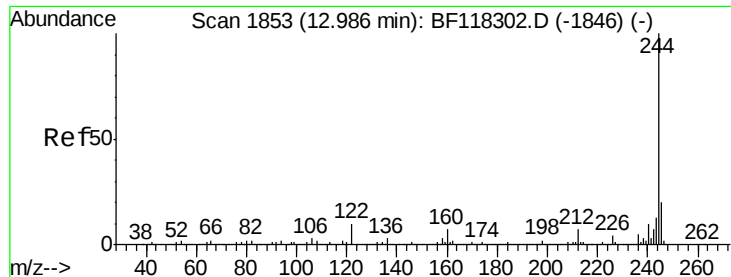


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

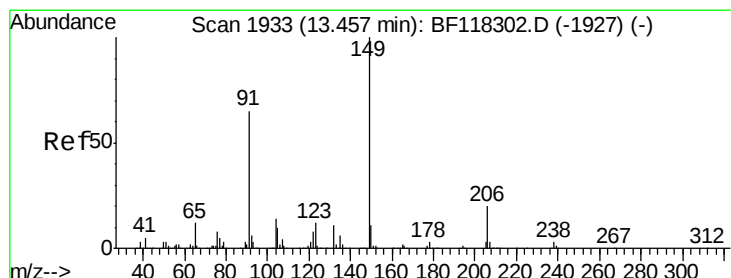
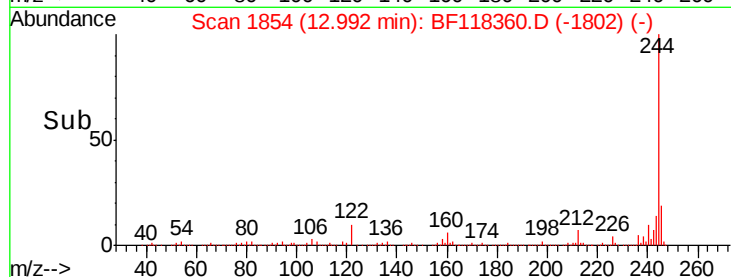
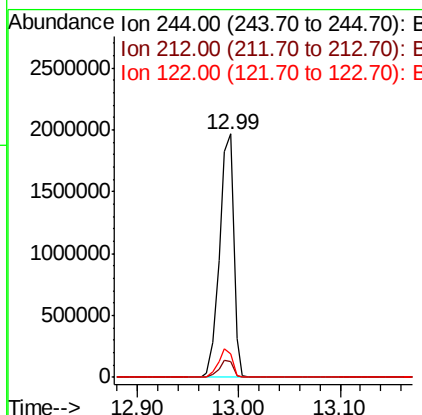
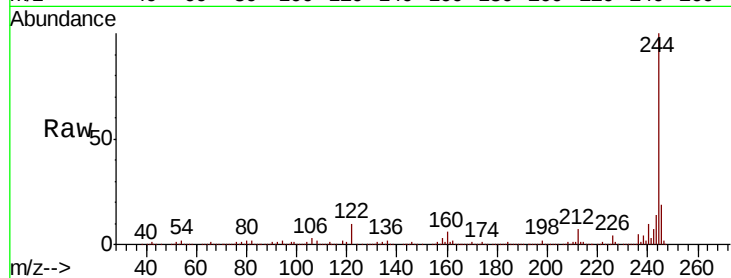




#79
 Terphenyl-d14
 Concen: 80.257 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

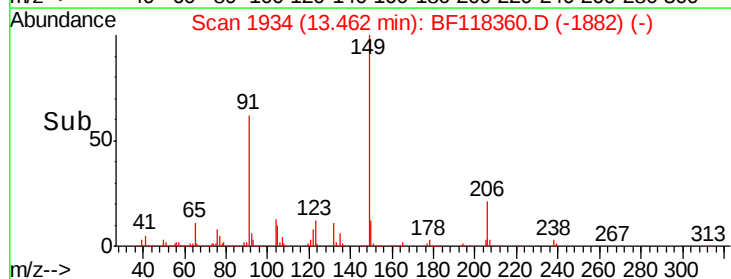
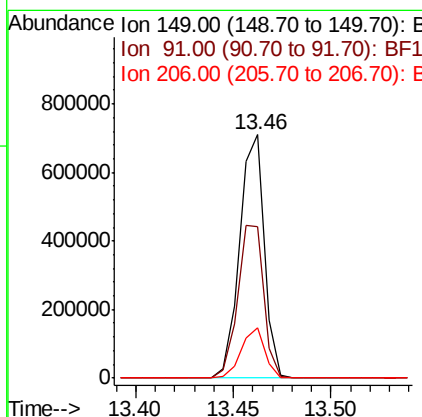
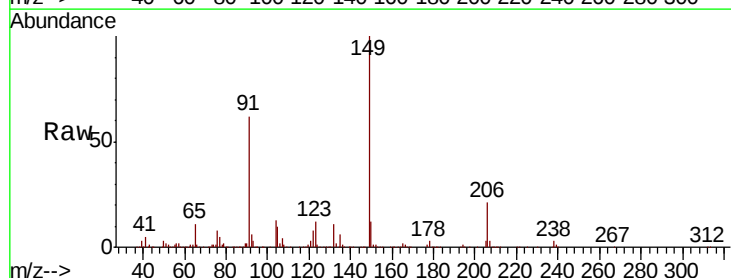
Instrument :
 BNA_F
 ClientSampled :

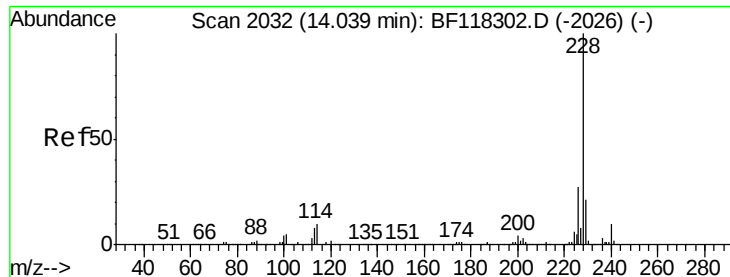
Tot Ion:244 Resp: 1910499
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 9.7 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 42.956 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

Tgt Ion:149 Resp: 623762
 Ion Ratio Lower Upper
 149 100
 91 62.0 51.8 77.6
 206 20.9 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.128 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampleId :

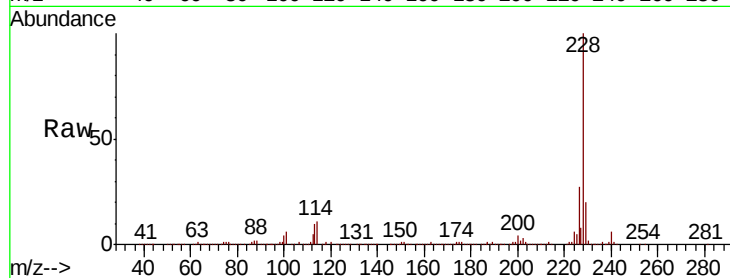
Tot Ion:228 Resp: 1081660

Ion Ratio Lower Upper

228 100

226 27.3 22.0 33.0

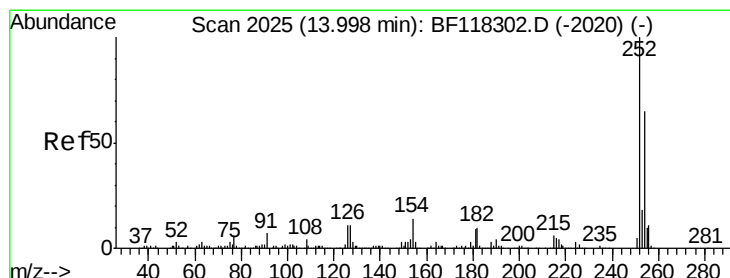
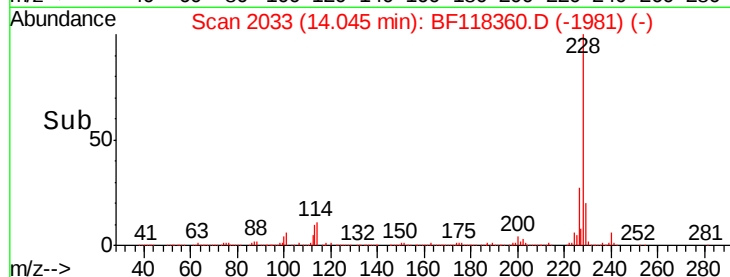
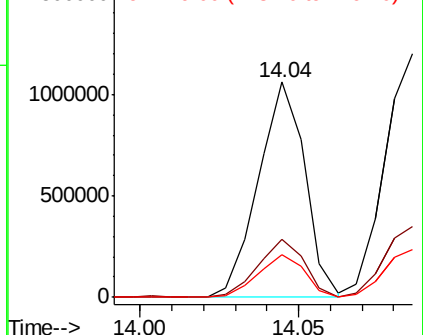
229 20.1 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.051 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

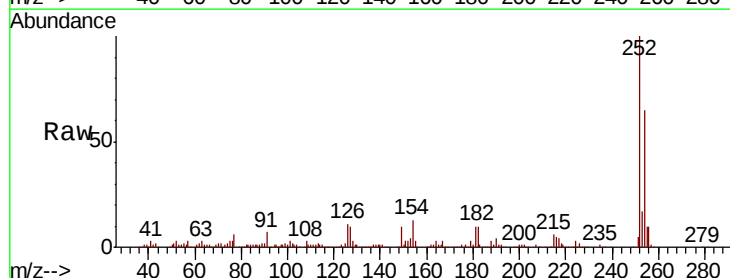
Tgt Ion:252 Resp: 309778

Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.8

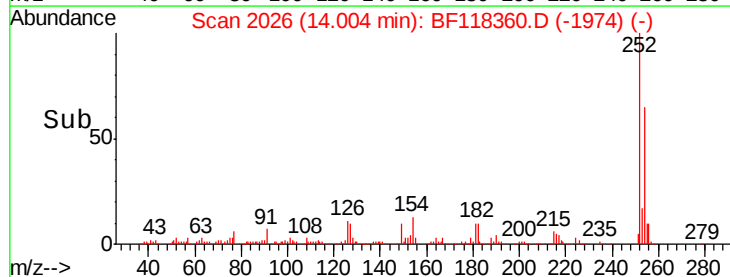
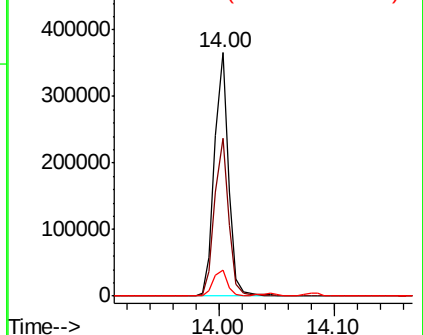
126 10.6 8.7 13.1

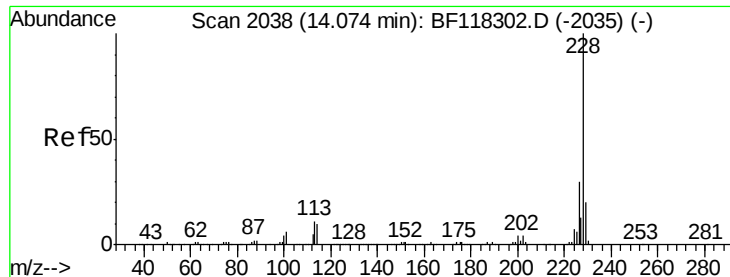


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



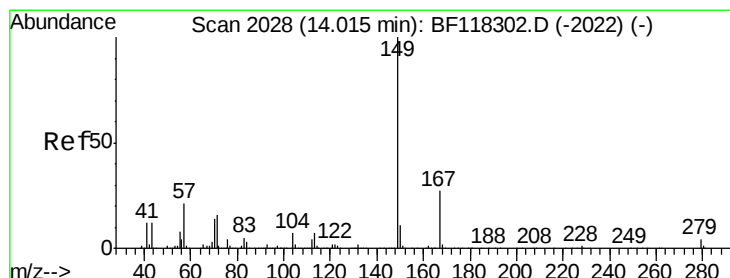
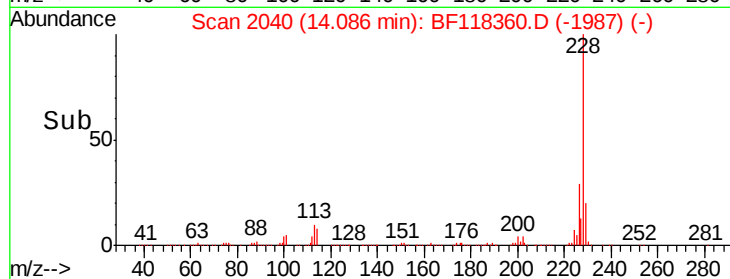
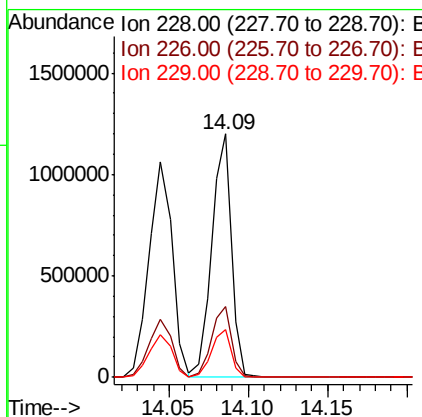
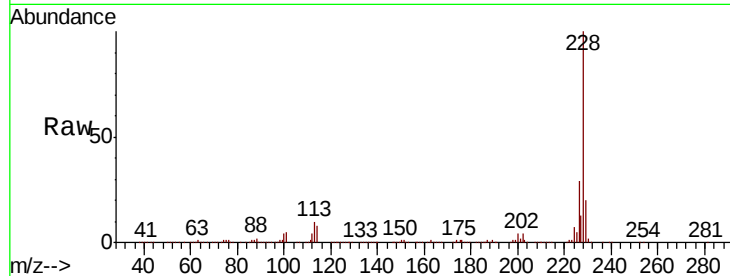


#83
 Chrvsene
 Concen: 39.071 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1034197

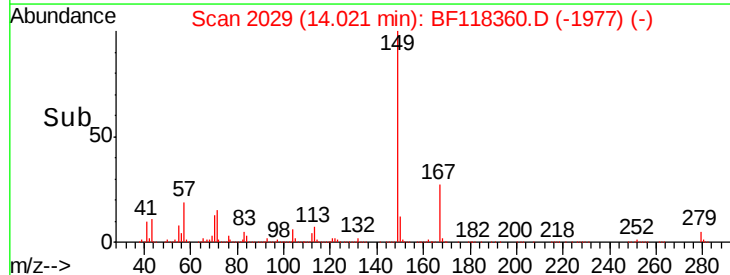
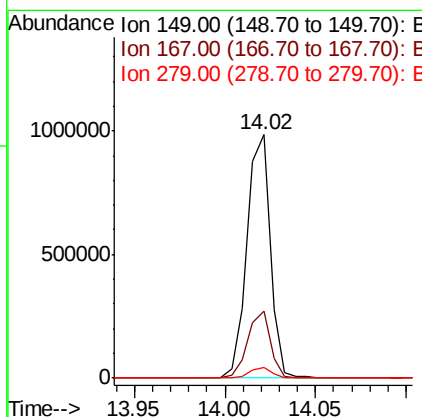
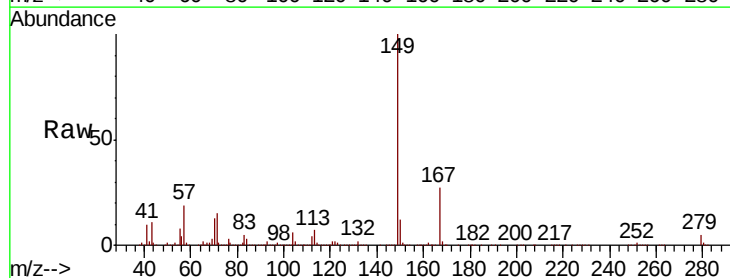
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	19.7	16.1	24.1

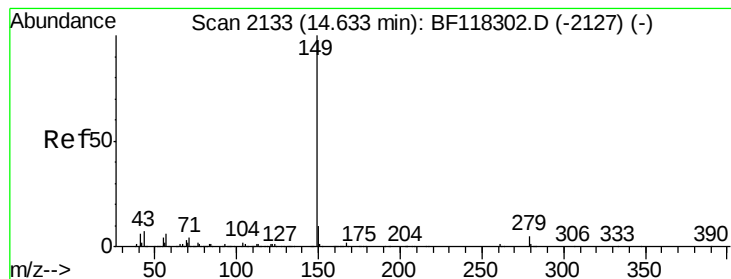


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.116 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF118360.D
 Acq: 28 Dec 2019 12:45

Tgt Ion:149 Resp: 880543

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	4.6	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 46.719 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

Instrument :

BNA_F

ClientSampleId :

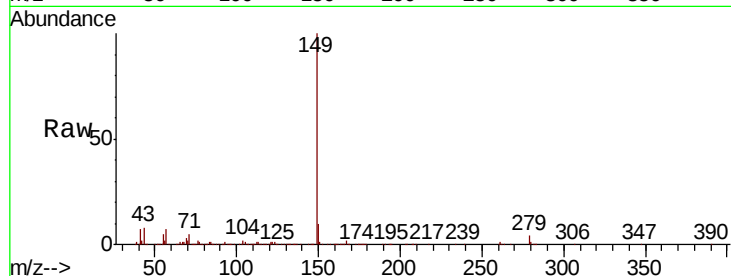
Tot Ion:149 Resp: 1312173

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

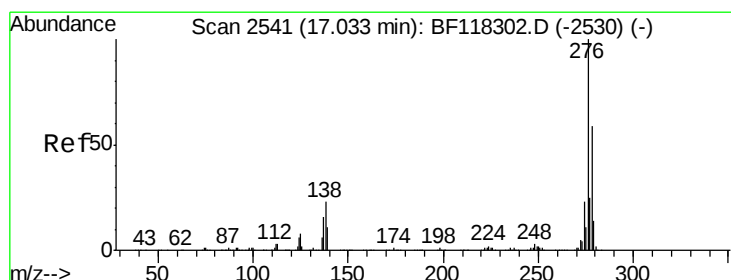
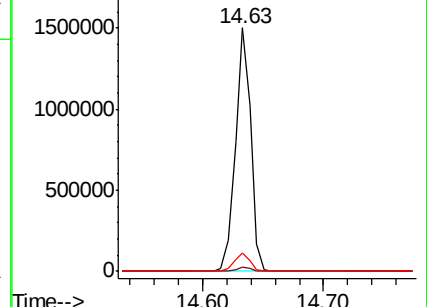
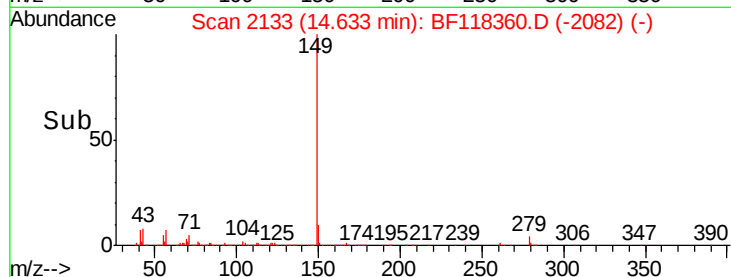
43 7.4 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.637 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

Lab File: BF118360.D

Acq: 28 Dec 2019 12:45

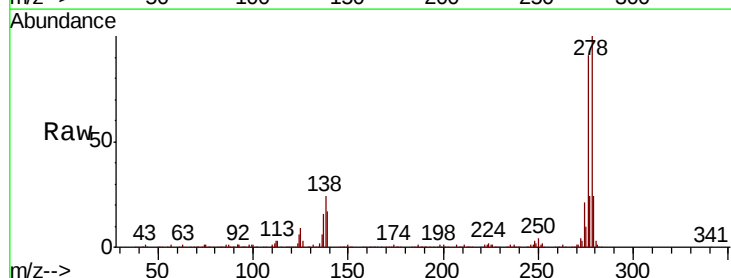
Tgt Ion:276 Resp: 826300

Ion Ratio Lower Upper

276 100

138 24.3 19.5 29.3

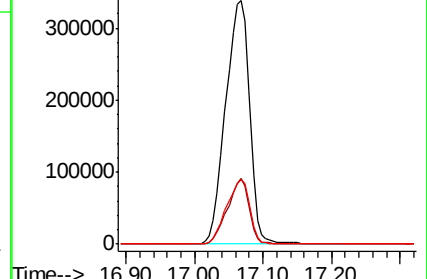
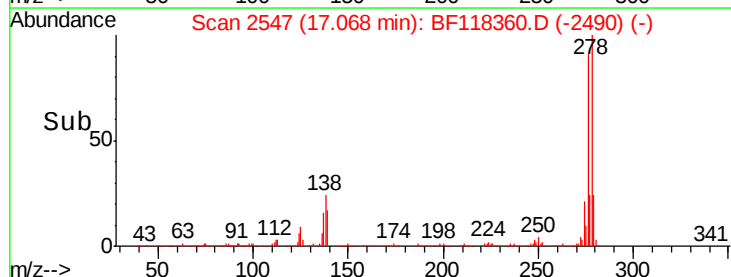
277 25.7 20.6 30.8

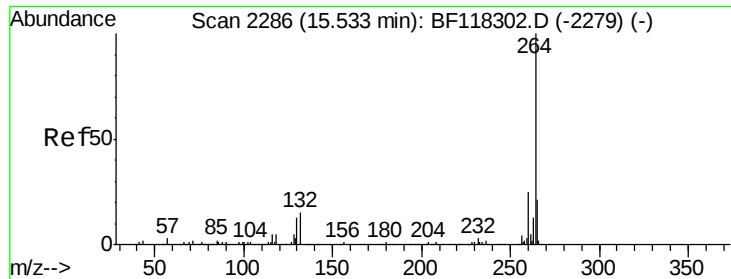


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

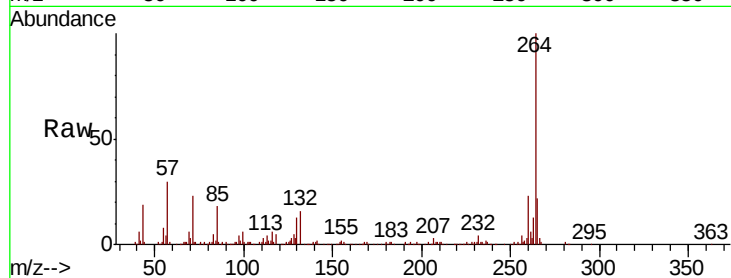




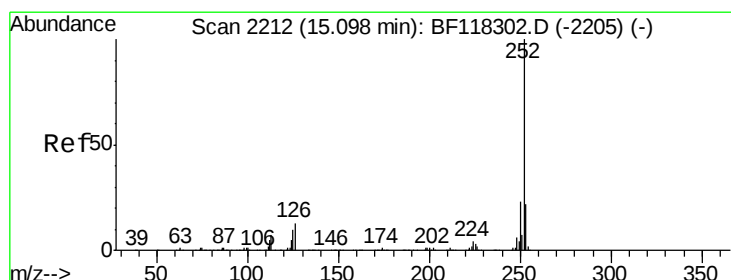
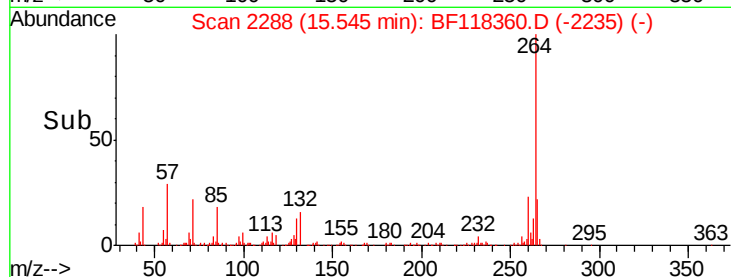
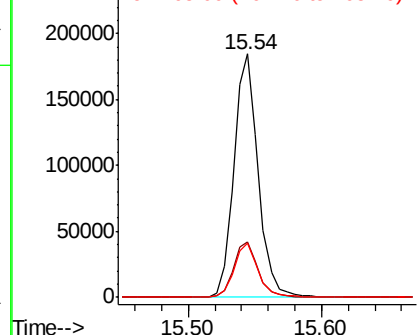
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 234325
Ion Ratio Lower Upper
264 100
260 22.8 19.8 29.6
265 22.0 17.0 25.4

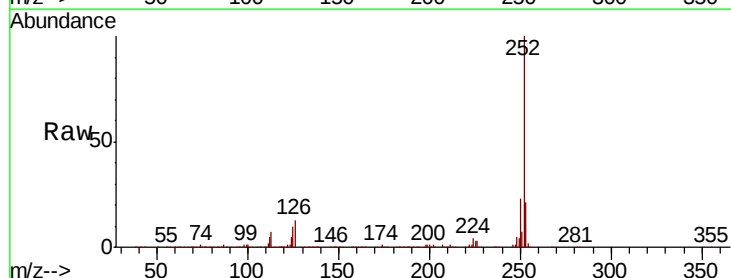


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

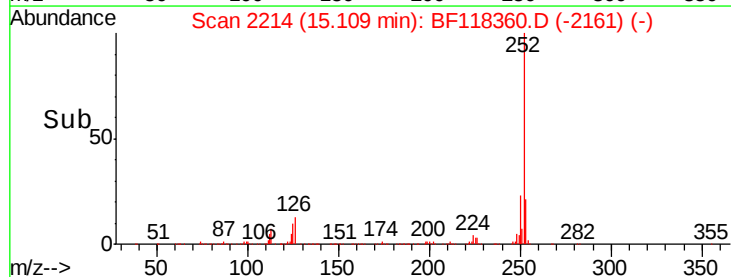
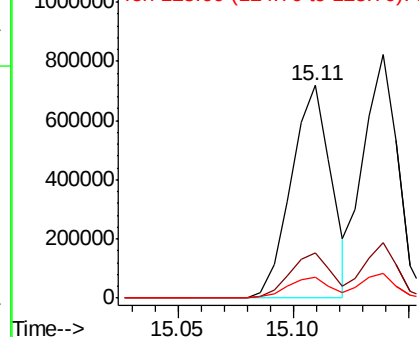


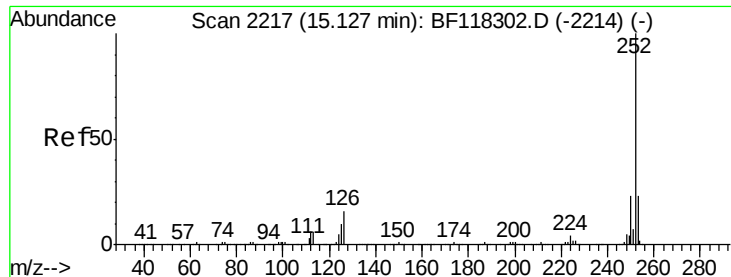
#88
Benzo(b)fluoranthene
Concen: 55.368 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:252 Resp: 861225
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.8 7.7 11.5



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

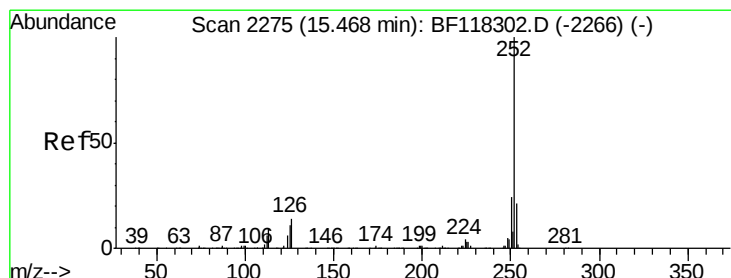
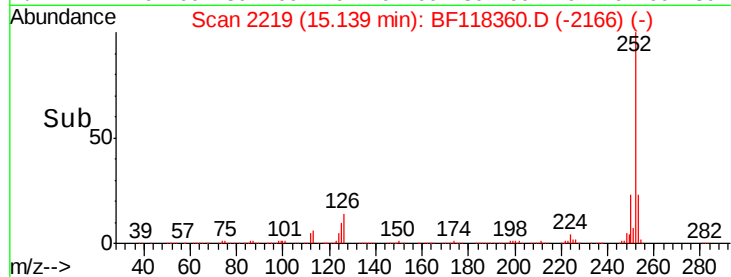
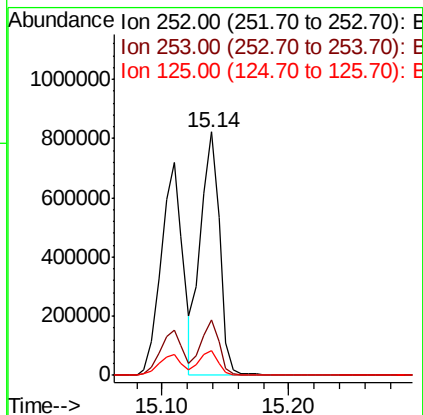
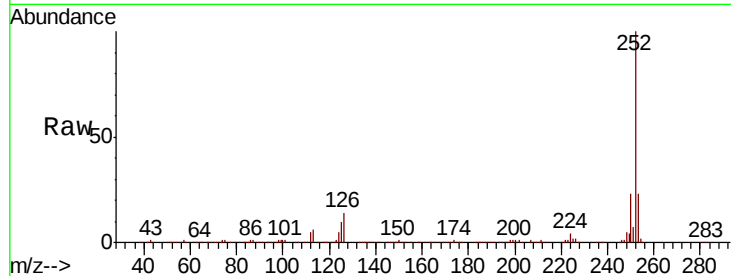




#89
Benzo(k)fluoranthene
Concen: 57.259 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

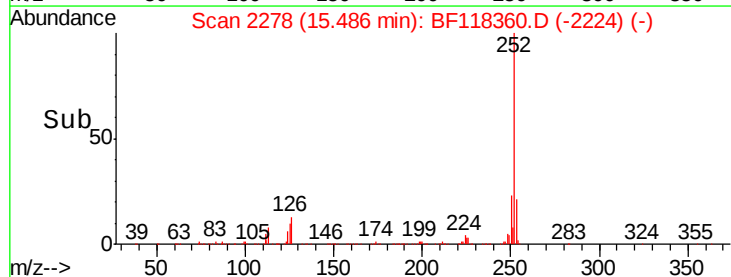
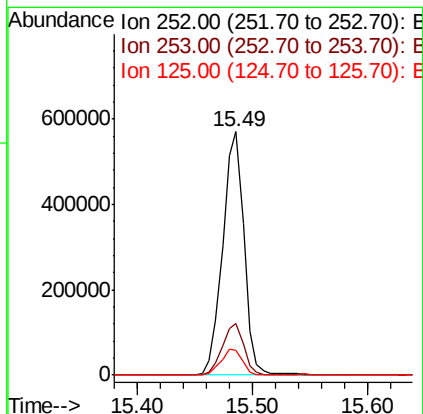
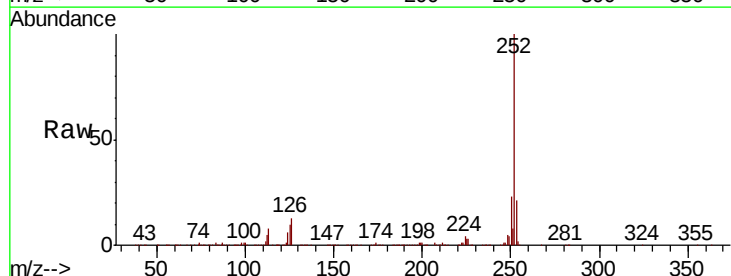
Instrument :
BNA_F
ClientSampleId :

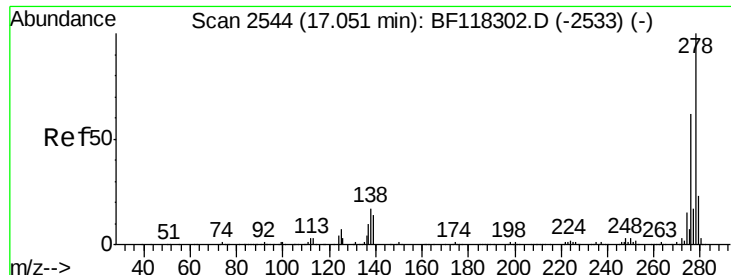
Tot Ion:252 Resp: 855172
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 10.3 8.0 12.0



#90
Benzo(a)pyrene
Concen: 53.423 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion:252 Resp: 732017
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.4 9.0 13.4

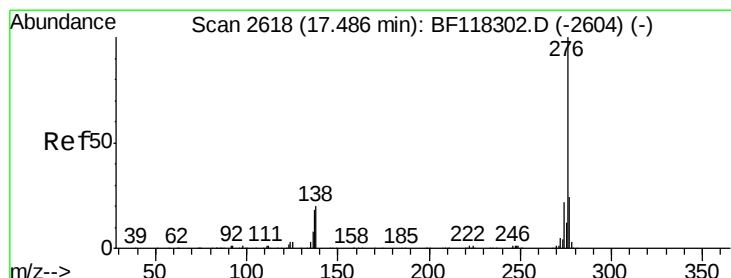
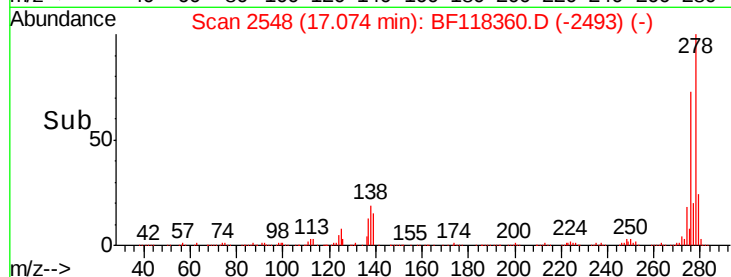
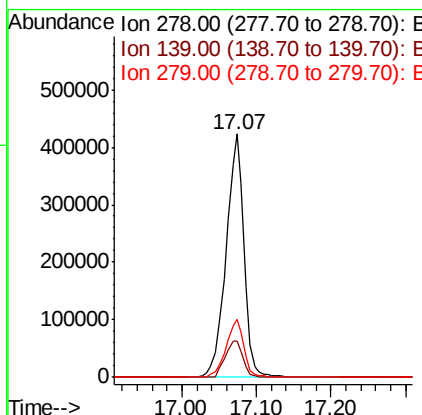
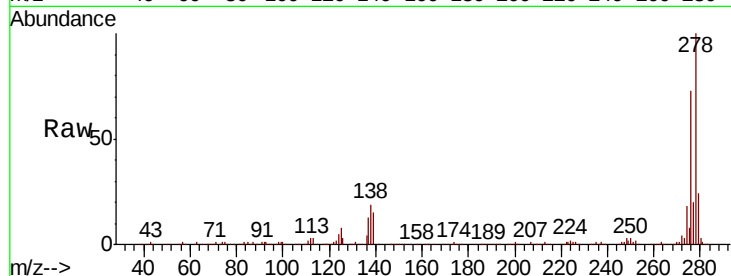




#91
Dibenzo(a,h)anthracene
Concen: 59.921 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.5	17.3
279	23.6	18.3	27.5



#92
Benzo(g,h,i)perylene
Concen: 60.446 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.03 min
Lab File: BF118360.D
Acq: 28 Dec 2019 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.1	28.7
138	21.6	16.1	24.1

