

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118361.D
 Acq On : 28 Dec 2019 13:13
 Operator : JU
 Sample : PB125749BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 07:00:44 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	149907	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	628210	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	347145	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	651052	20.00	ng	0.00
76) Chrysene-d12	14.06	240	436676	20.00	ng	0.00
87) Perylene-d12	15.54	264	254695	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1000503	113.93	ng	0.02
7) Phenol-d6	6.50	99	1215919	111.61	ng	0.01
23) Nitrobenzene-d5	7.42	82	812648	73.99	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	449623	104.88	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1723392	75.78	ng	0.00
79) Terphenyl-d14	12.99	244	2045109	77.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	136103	38.986	ng	99
3) Pyridine	3.46	79	316778	34.057	ng	99
4) n-Nitrosodimethylamine	3.41	42	158026	41.092	ng	99
6) Aniline	6.52	93	357523	25.844	ng	# 80
8) 2-Chlorophenol	6.65	128	450864	45.330	ng	99
9) Benzaldehyde	6.40	77	76282	11.943	ng	99
10) Phenol	6.51	94	520184	42.482	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	381746	43.593	ng	98
12) 1,3-Dichlorobenzene	6.79	146	469611	40.996	ng	99
13) 1,4-Dichlorobenzene	6.87	146	480415	41.290	ng	99
14) 1,2-Dichlorobenzene	7.02	146	455111	41.431	ng	100
15) Benzyl Alcohol	7.00	79	364781	43.977	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	389137	41.644	ng	88
17) 2-Methylphenol	7.12	107	357292	44.788	ng	96
18) Hexachloroethane	7.36	117	173706	40.679	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	285774	42.581	ng	97
20) 3+4-Methylphenols	7.27	107	459459	45.001	ng	95
22) Acetophenone	7.27	105	596028	38.711	ng	# 94
24) Nitrobenzene	7.44	77	438998	39.899	ng	100
25) Isophorone	7.68	82	797851	41.680	ng	100
26) 2-Nitrophenol	7.76	139	250951	43.061	ng	97
27) 2,4-Dimethylphenol	7.80	122	388855	48.904	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	498484	39.818	ng	99
29) 2,4-Dichlorophenol	8.00	162	384005	41.959	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	414133	38.846	ng	99
31) Naphthalene	8.16	128	1310952	41.057	ng	100
32) Benzoic acid	7.95	122	242867	37.570	ng	97
33) 4-Chloroaniline	8.22	127	291800	21.318	ng	97
34) Hexachlorobutadiene	8.27	225	242243	38.172	ng	100
35) Caprolactam	8.60	113	79634	27.871	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	407182	41.439	ng	99
37) 2-Methylnaphthalene	8.86	142	914058	41.812	ng	99
38) 1-Methylnaphthalene	8.96	142	857823	41.650	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	403782	38.713	ng	99

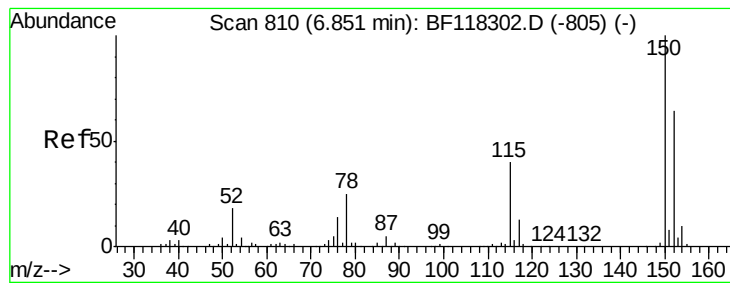
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	199858	49.401	ng	96
43) 2,4,6-Trichlorophenol	9.14	196	269951	38.741	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	292440	40.797	ng	98
46) 1,1'-Biphenyl	9.32	154	1090963	39.733	ng	99
47) 2-Chloronaphthalene	9.35	162	852995	38.600	ng	98
48) 2-Nitroaniline	9.45	65	233630	37.430	ng	98
49) Acenaphthylene	9.77	152	1325042	40.429	ng	99
50) Dimethylphthalate	9.62	163	1018419	39.083	ng	99
51) 2,6-Dinitrotoluene	9.69	165	228631	40.697	ng	99
52) Acenaphthene	9.94	154	787820	39.464	ng	98
53) 3-Nitroaniline	9.86	138	157745	23.924	ng	88
54) 2,4-Dinitrophenol	9.99	184	209674	74.410	ng	# 91
55) Dibenzofuran	10.12	168	1179474	39.986	ng	100
56) 4-Nitrophenol	10.05	139	308268	75.731	ng	92
57) 2,4-Dinitrotoluene	10.10	165	300506	40.032	ng	88
58) Fluorene	10.46	166	945547	39.709	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	250233	41.085	ng	99
60) Diethylphthalate	10.33	149	1030774	39.985	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	467904	39.363	ng	99
62) 4-Nitroaniline	10.49	138	223448	32.620	ng	99
63) Azobenzene	10.61	77	888308	40.229	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	159054	45.286	ng	98
66) n-Nitrosodiphenylamine	10.57	169	835325	40.033	ng	98
67) 4-Bromophenyl-phenylether	10.94	248	300341	39.419	ng	97
68) Hexachlorobenzene	11.01	284	342523	38.192	ng	99
69) Atrazine	11.10	200	269740	41.885	ng	96
70) Pentachlorophenol	11.21	266	303558	78.155	ng	100
71) Phenanthrene	11.43	178	1384645	39.013	ng	100
72) Anthracene	11.48	178	1432755	40.330	ng	99
73) Carbazole	11.63	167	1224379	38.841	ng	99
74) Di-n-butylphthalate	11.96	149	1657163	41.460	ng	100
75) Fluoranthene	12.62	202	1413217	39.454	ng	98
77) Benzidine	12.74	184	233760	19.537	ng	99
78) Pyrene	12.85	202	1429668	40.092	ng	99
80) Butylbenzylphthalate	13.46	149	683252	42.554	ng	96
81) Benzo(a)anthracene	14.05	228	1205145	39.428	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	342522	33.051	ng	98
83) Chrysene	14.08	228	1132084	38.680	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	985675	46.687	ng	99
85) Di-n-octyl phthalate	14.63	149	1493631	48.095	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	866548	34.748	ng	99
88) Benzo(b)fluoranthene	15.11	252	955081	56.492	ng	99
89) Benzo(k)fluoranthene	15.14	252	927763	57.152	ng	99
90) Benzo(a)pyrene	15.48	252	806396	54.145	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	739743	57.237	ng	96
92) Benzo(g,h,i)perylene	17.52	276	719078	57.597	ng	99

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

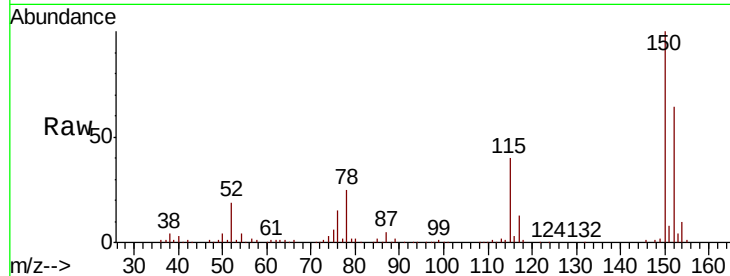


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.4	188.2
115	61.8	50.2	75.4

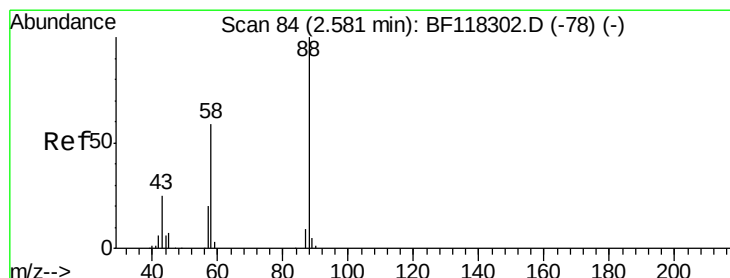
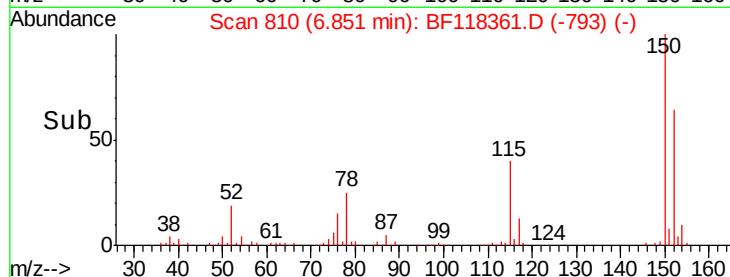
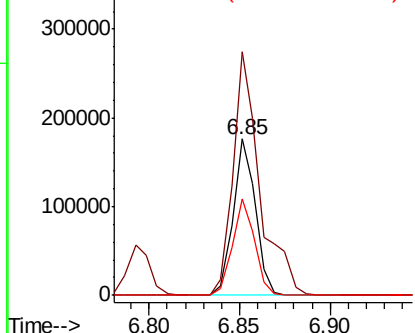


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

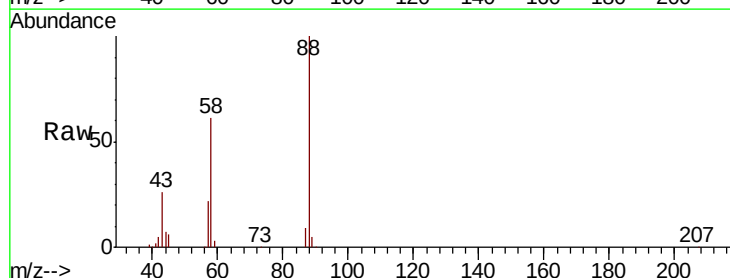
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.986 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.12 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.6	47.6	71.4
43	26.2	20.6	30.8

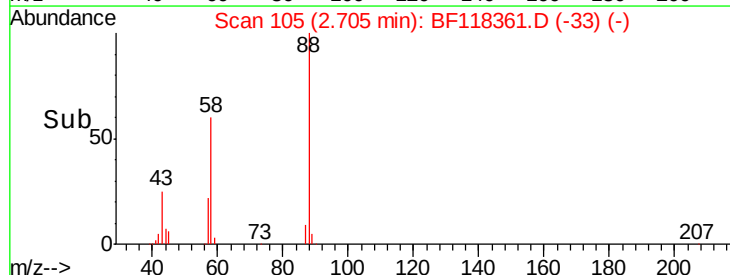
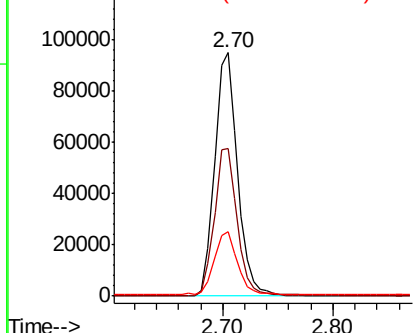


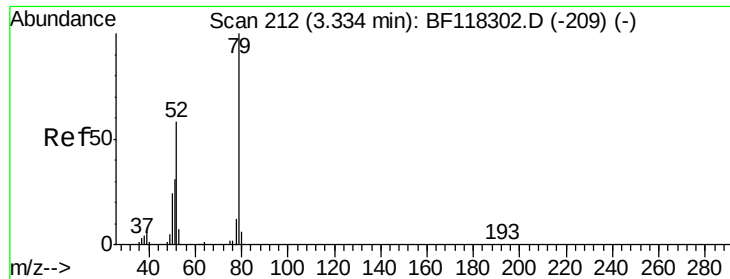
Abundance

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

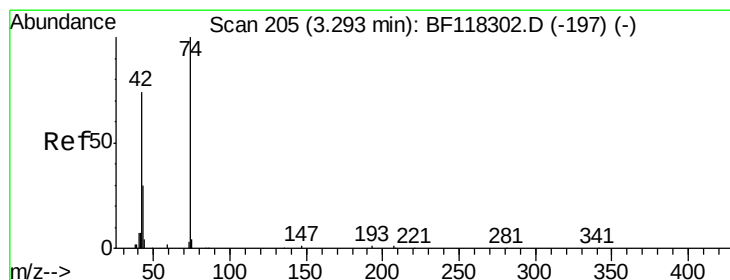
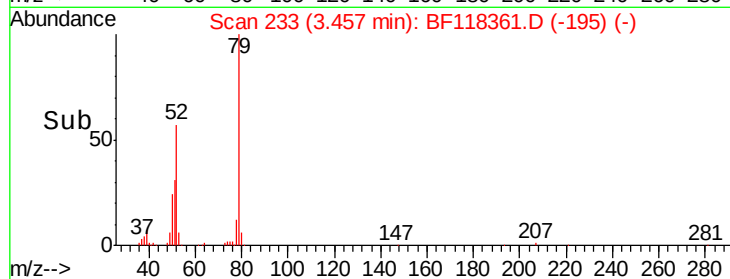
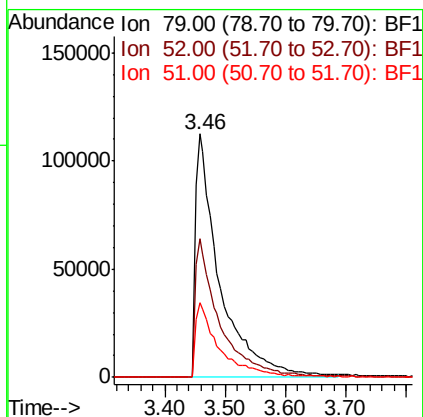
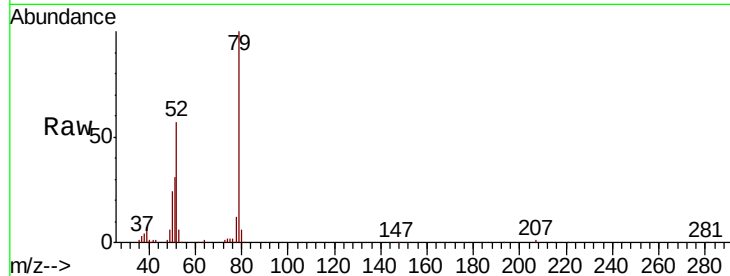




#3
 Pvridine
 Concen: 34.057 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.12 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

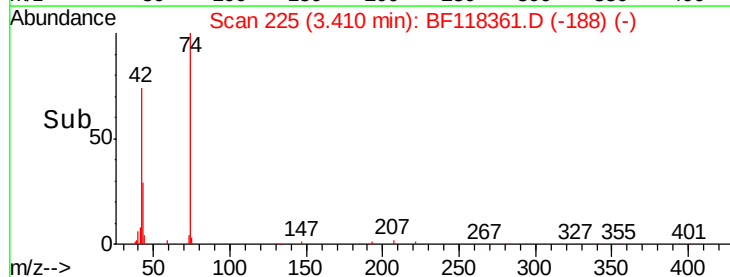
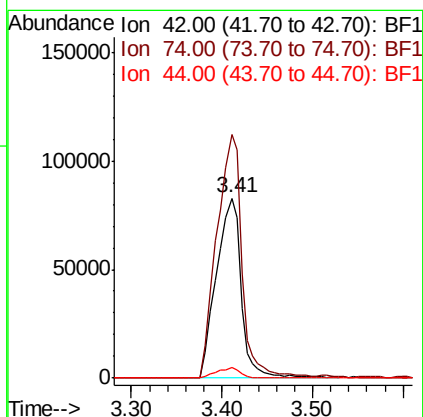
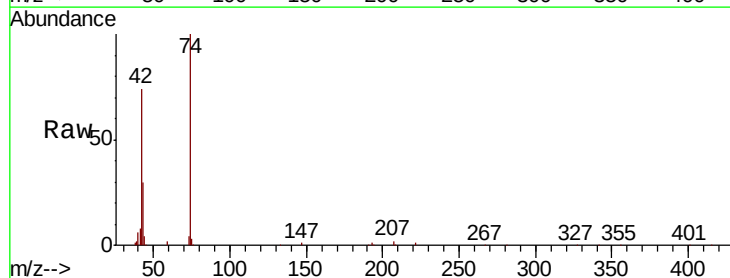
Instrument :
 BNA_F
 ClientSampleId :

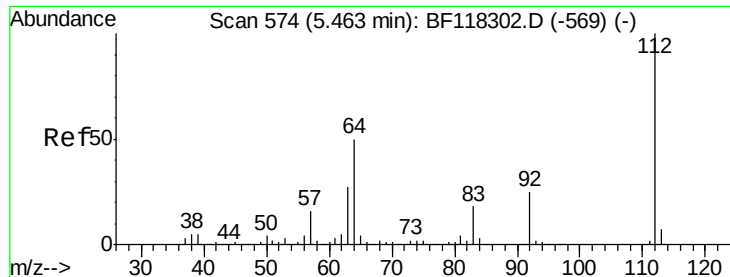
Tot Ion: 79 Resp: 316778
 Ion Ratio Lower Upper
 79 100
 52 57.1 46.4 69.6
 51 30.7 24.9 37.3



#4
 n-Nitrosodimethylamine
 Concen: 41.092 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.12 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion: 42 Resp: 158026
 Ion Ratio Lower Upper
 42 100
 74 135.3 107.7 161.5
 44 5.9 4.8 7.2





#5

2-Fluorophenol

Concen: 113.927 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

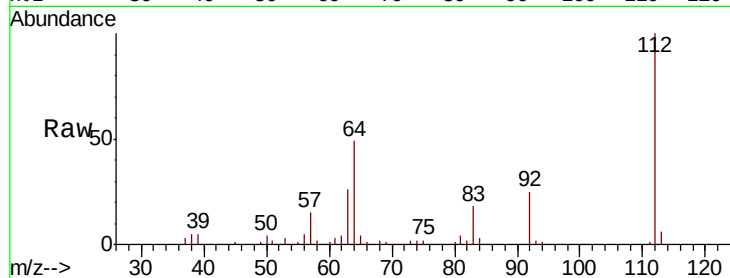
Tot Ion:112 Resp: 1000503

Ion Ratio Lower Upper

112 100

64 48.8 39.7 59.5

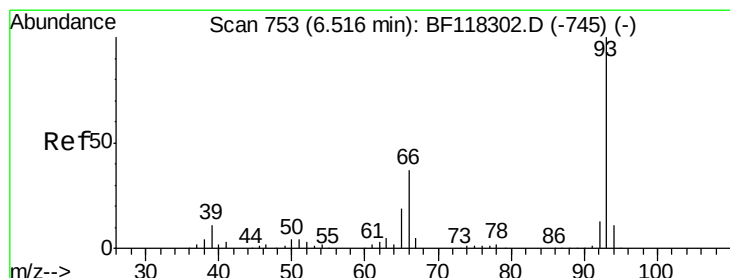
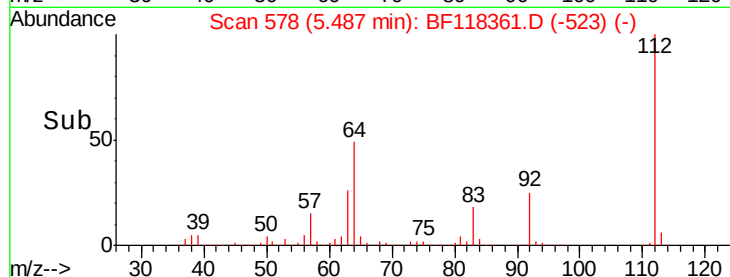
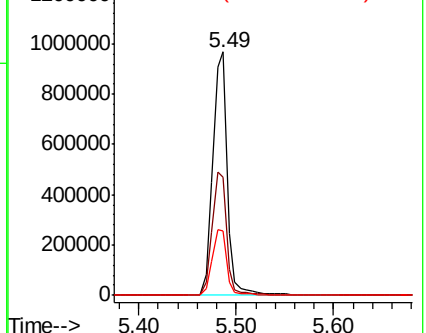
63 26.3 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.844 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

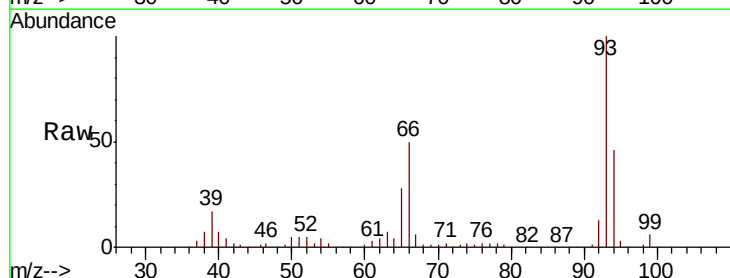
Tgt Ion: 93 Resp: 357523

Ion Ratio Lower Upper

93 100

66 50.4 30.2 45.4#

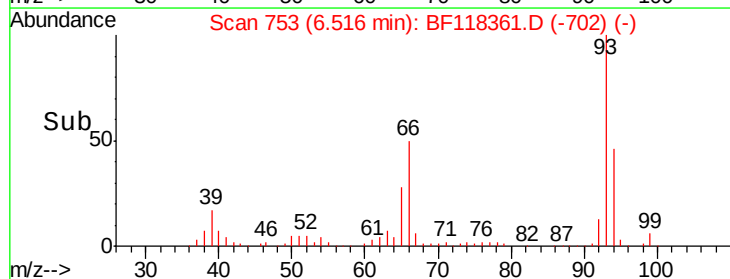
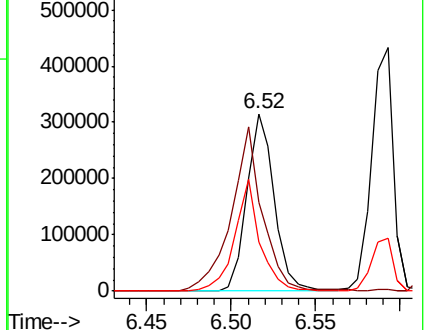
65 27.9 15.7 23.5#

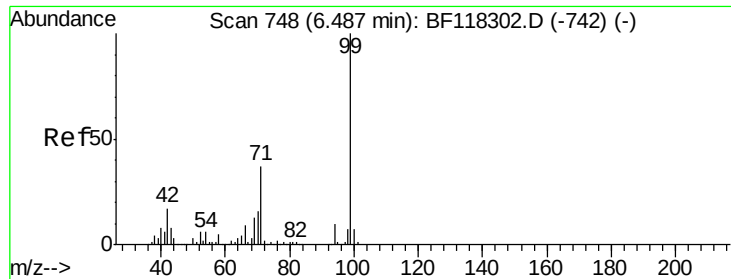


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.611 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

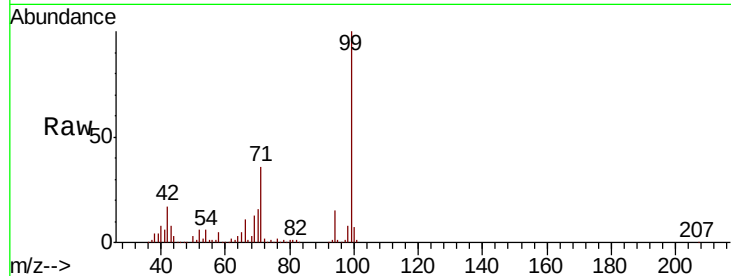
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1215919

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	36.0	29.4	44.2

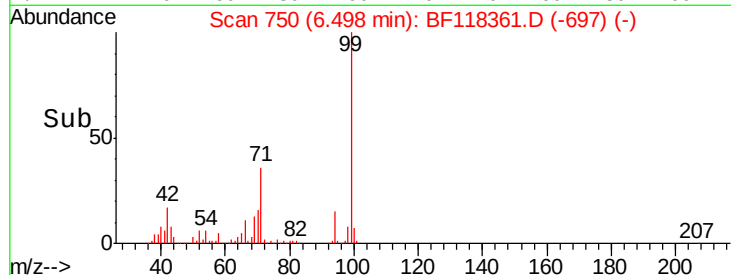


Abundance

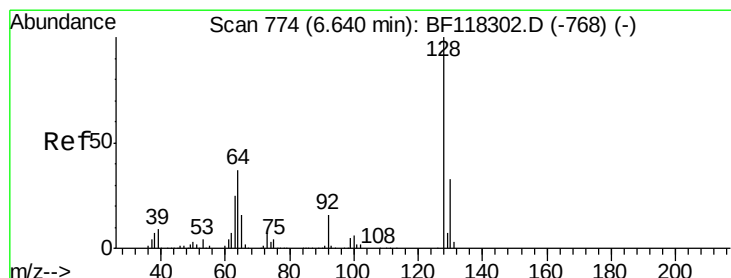
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 45.330 ng

RT: 6.65 min Scan# 775

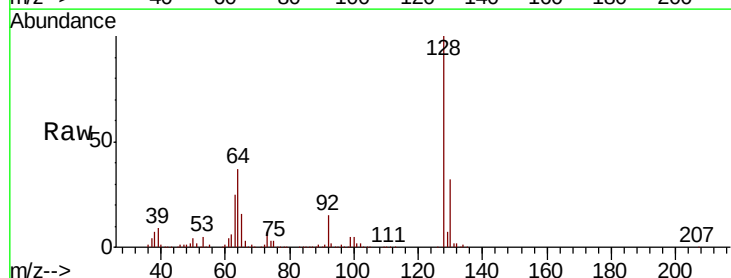
Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Tgt Ion:128 Resp: 450864

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.2	53.2
64	37.5	17.7	57.7

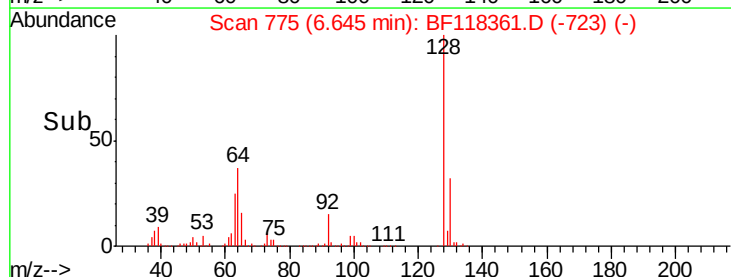


Abundance

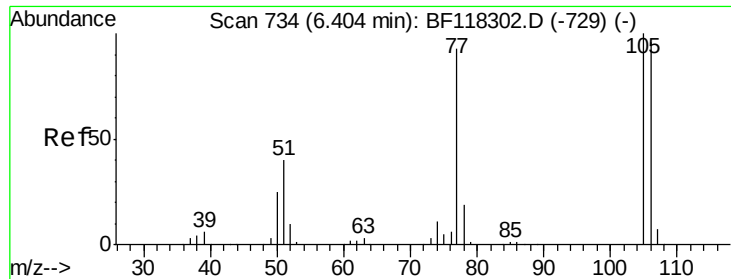
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



Time-->



#9

Benzaldehyde

Concen: 11.943 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampled :

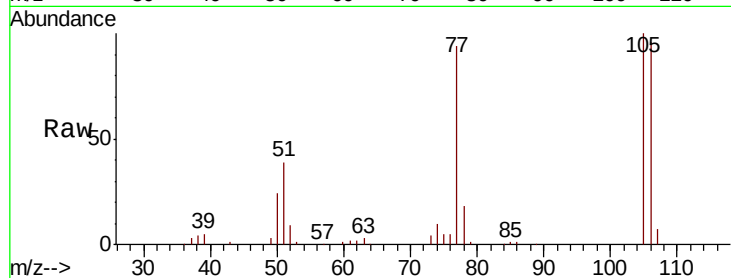
Tot Ion: 77 Resp: 76282

Ion Ratio Lower Upper

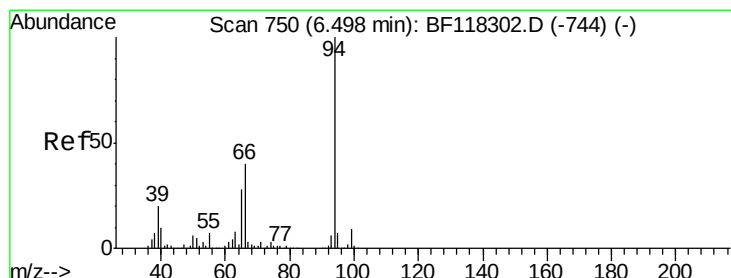
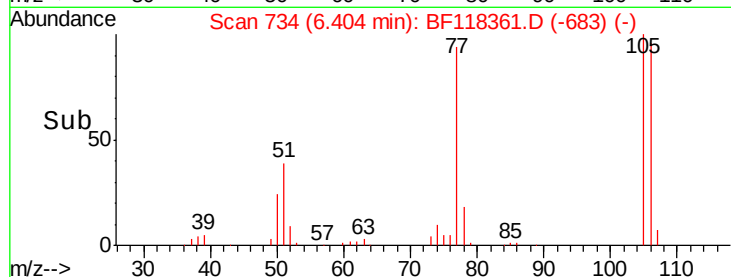
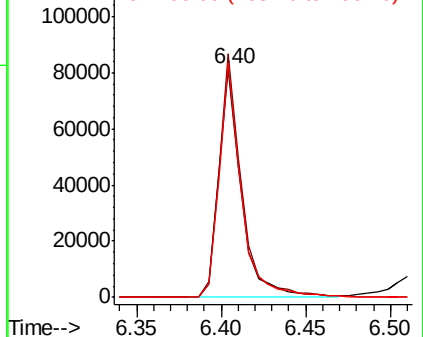
77 100

105 106.6 87.5 127.5

106 102.7 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.482 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

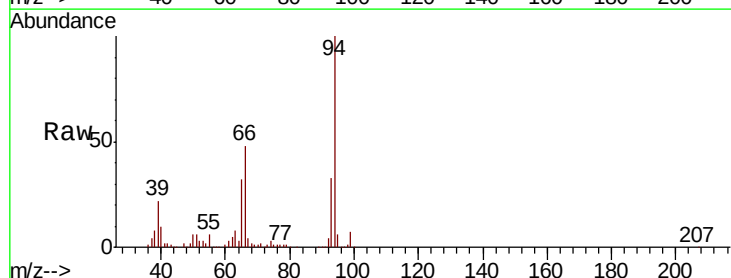
Tgt Ion: 94 Resp: 520184

Ion Ratio Lower Upper

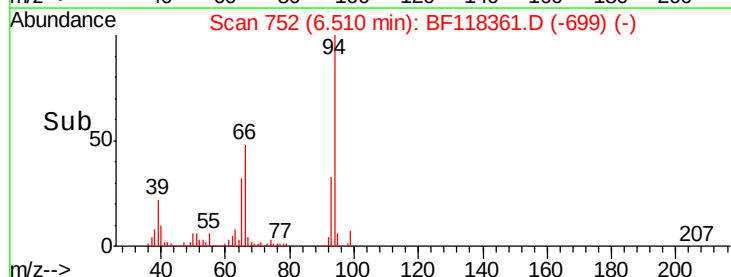
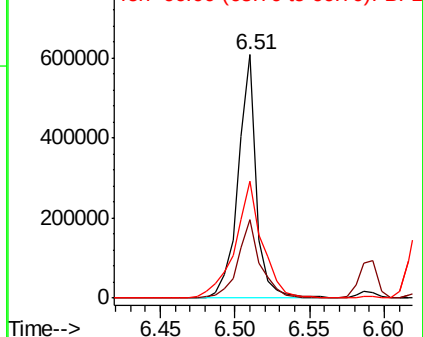
94 100

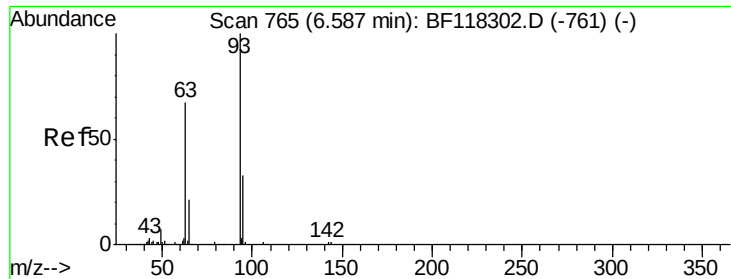
65 32.4 7.8 47.8

66 48.0 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

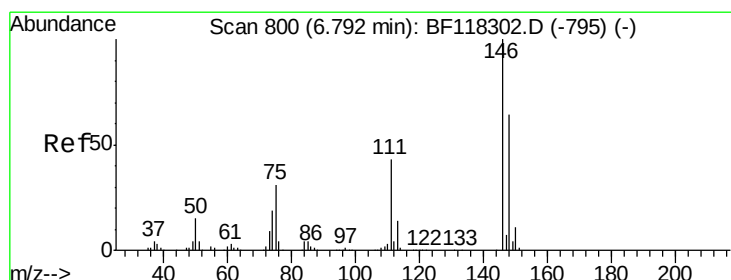
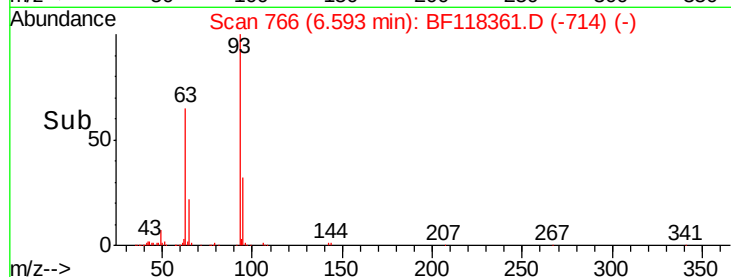
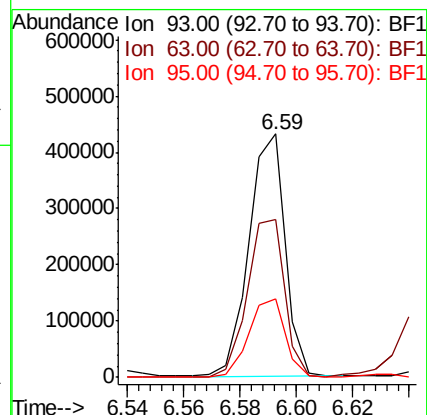
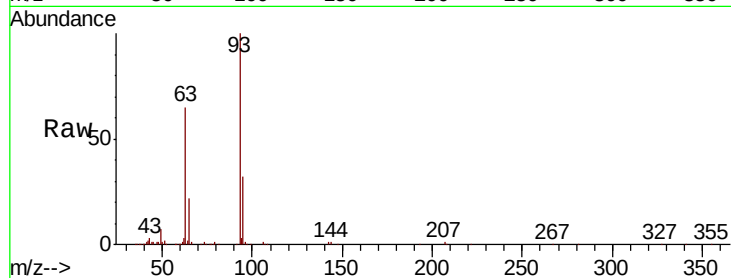




#11
bis(2-Chloroethyl)ether
Concen: 43.593 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

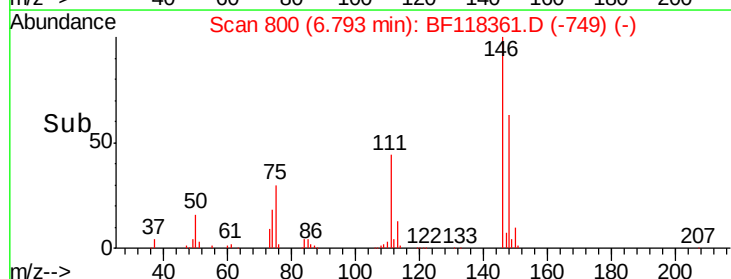
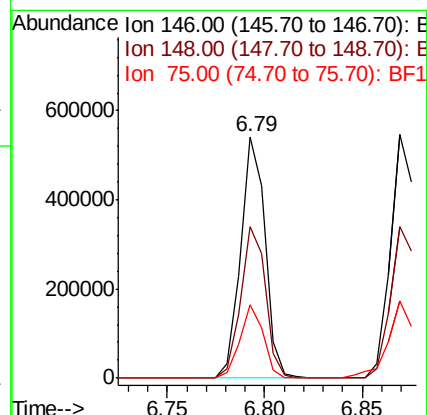
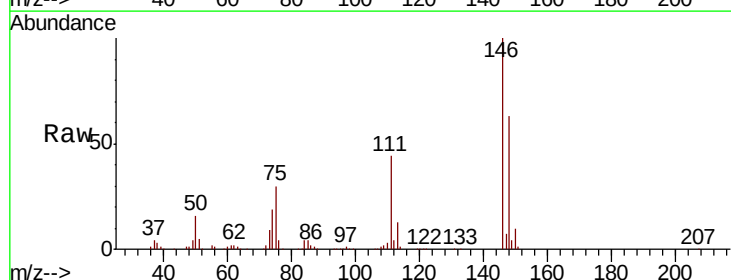
Instrument :
BNA_F
ClientSampled :

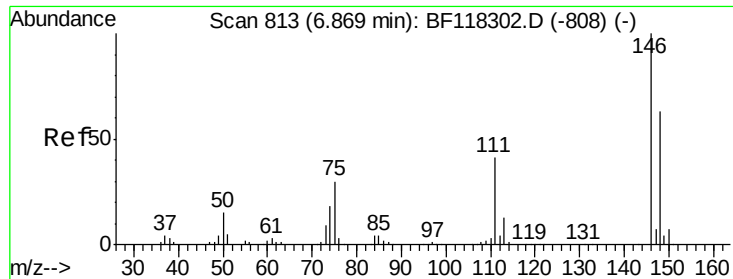
Tot Ion	Ratio	Lower	Upper
93	100		
63	65.0	47.0	87.0
95	32.5	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 40.996 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.4	77.0
75	30.3	24.4	36.6

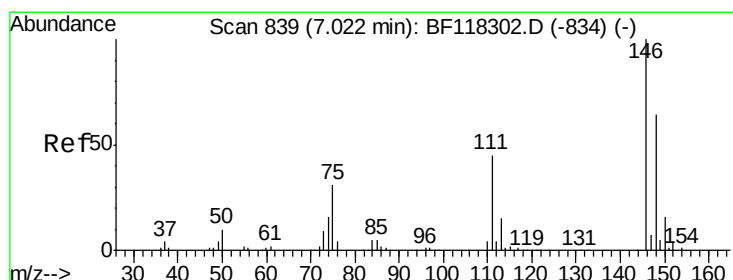
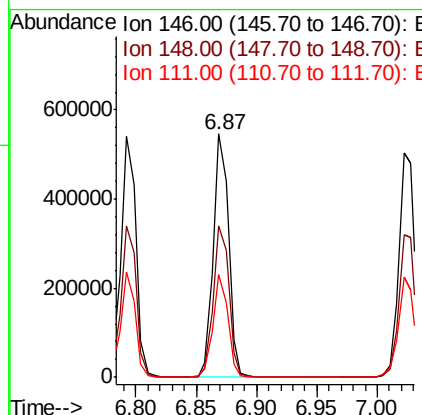
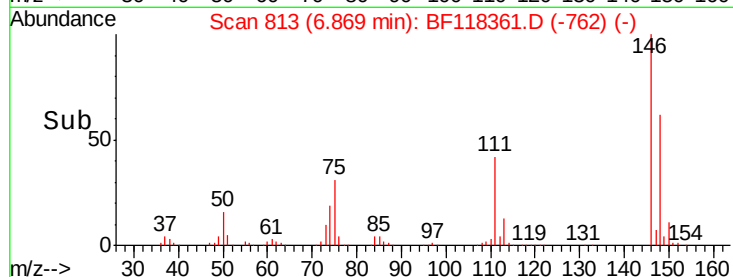
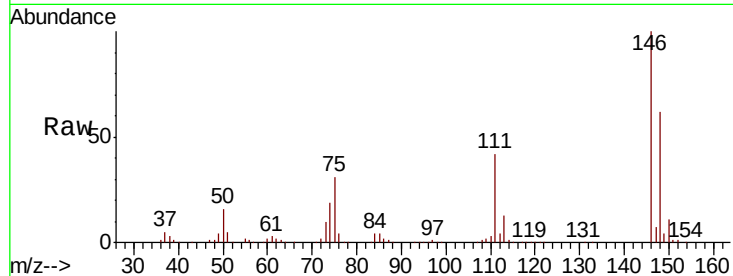




#13
1,4-Dichlorobenzene
Concen: 41.290 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

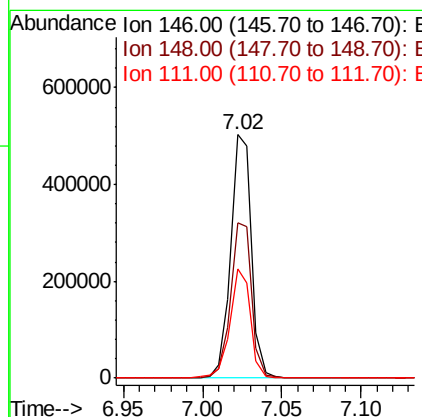
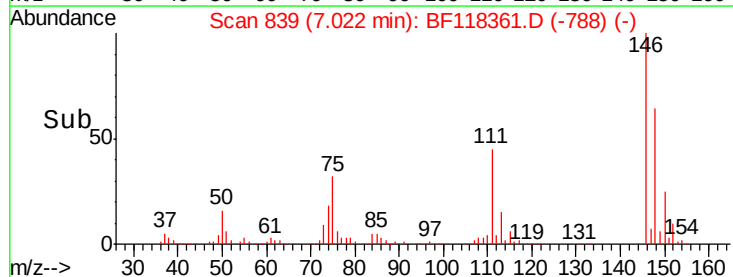
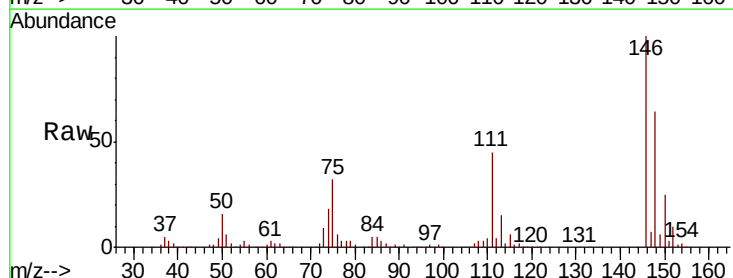
Instrument :
BNA_F
ClientSampleId :

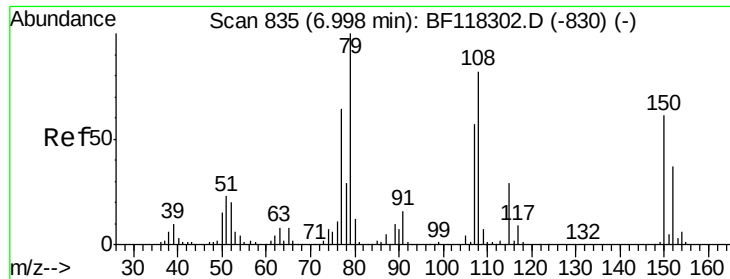
Tot Ion:146 Resp: 480415
Ion Ratio Lower Upper
146 100
148 62.4 50.3 75.5
111 42.0 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 41.431 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:146 Resp: 455111
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
111 44.8 35.7 53.5

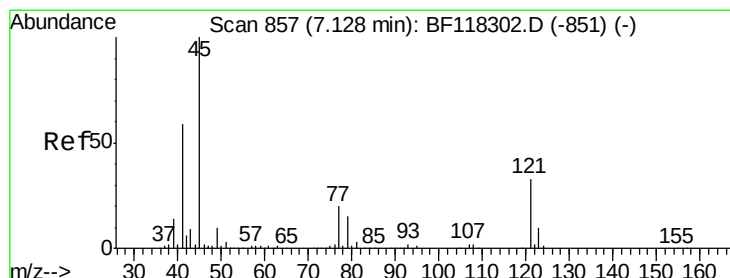
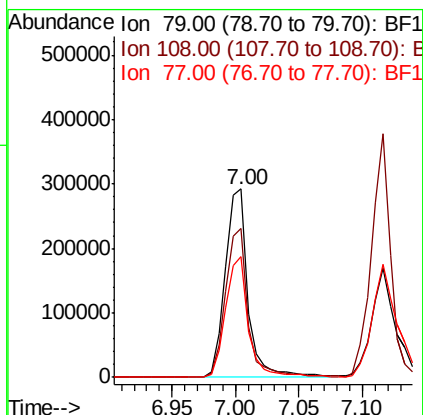
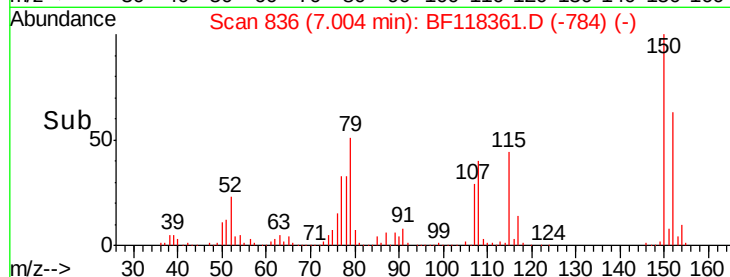
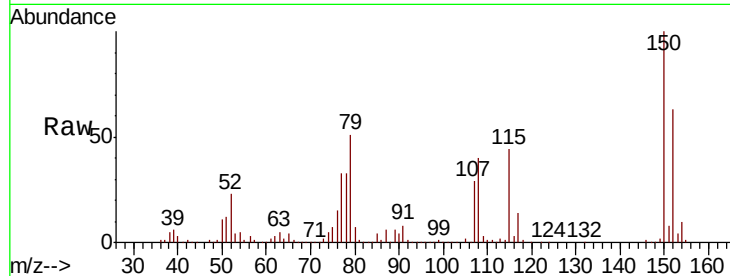




#15
Benzyl Alcohol
Concen: 43.977 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

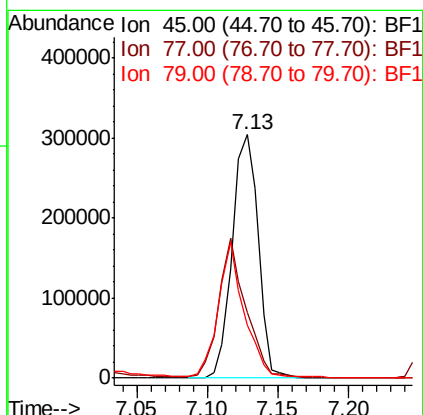
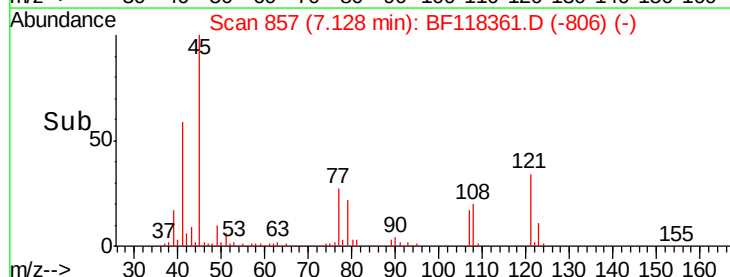
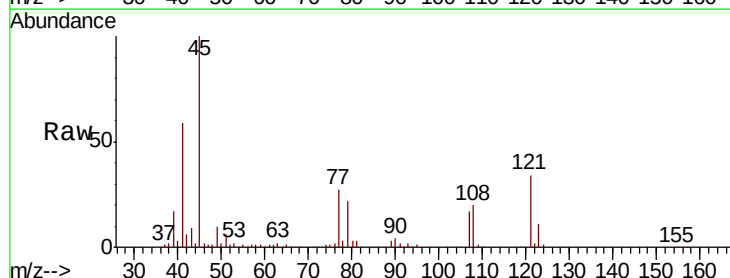
Instrument :
BNA_F
ClientSampleId :

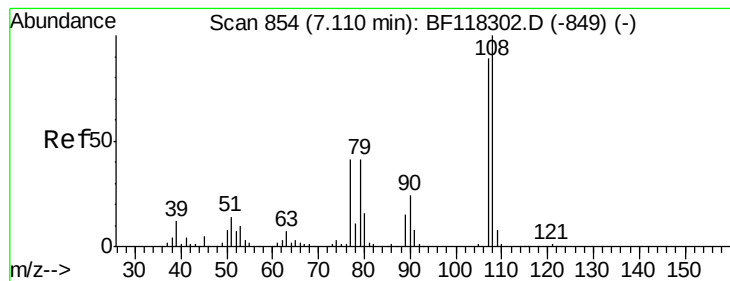
Tot Ion: 79 Resp: 364781
Ion Ratio Lower Upper
79 100
108 78.8 65.4 98.0
77 64.1 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.644 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion: 45 Resp: 389137
Ion Ratio Lower Upper
45 100
77 26.8 1.2 41.2
79 21.7 0.0 37.0





#17

2-Methylphenol

Concen: 44.788 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 357292

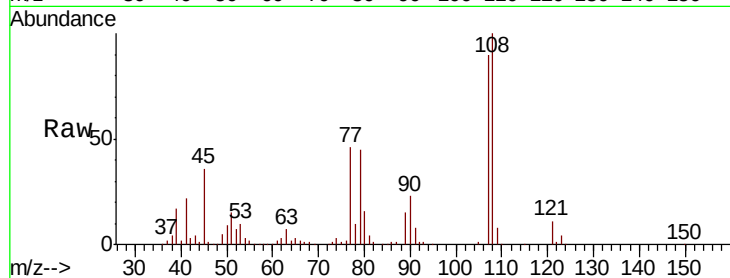
Ion Ratio Lower Upper

107 100

108 111.6 89.7 134.5

77 51.8 37.2 55.8

79 50.2 36.7 55.1

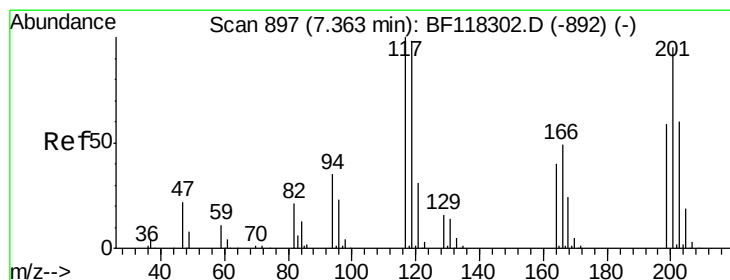
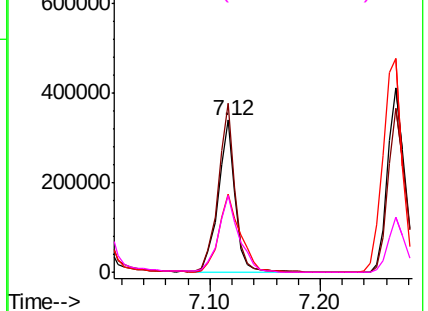
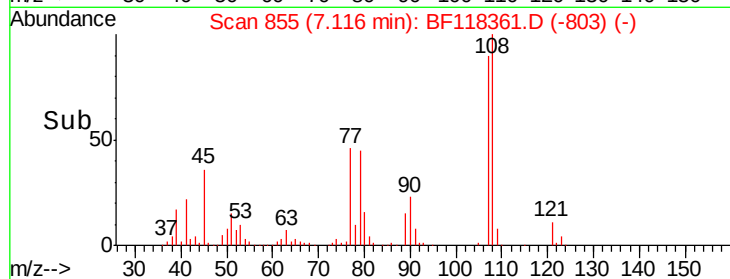


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.679 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

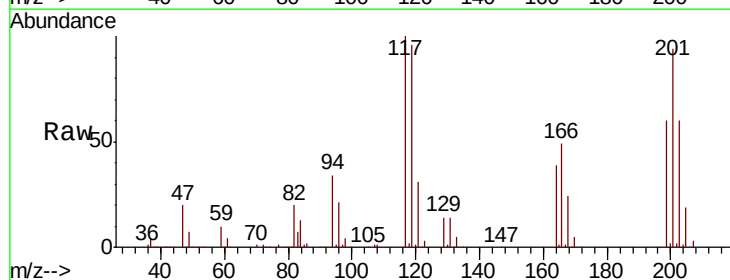
Tgt Ion:117 Resp: 173706

Ion Ratio Lower Upper

117 100

119 95.9 78.0 117.0

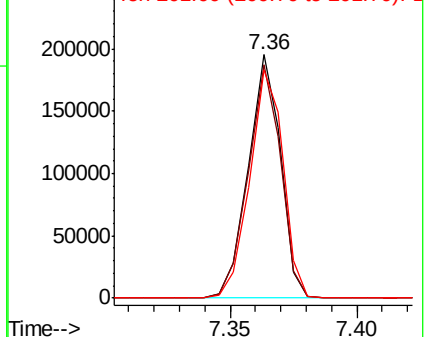
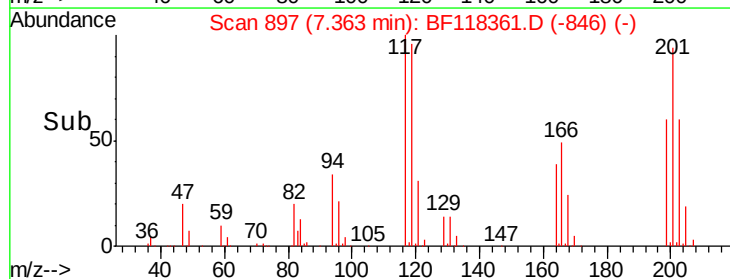
201 94.0 76.2 114.2

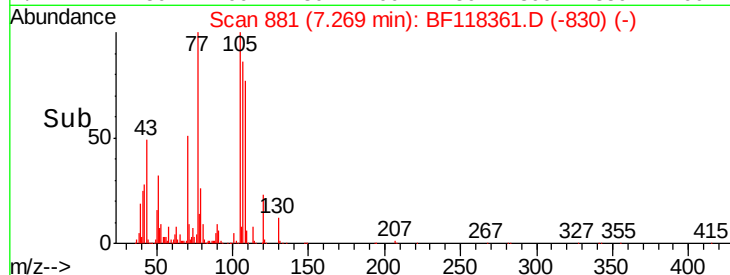
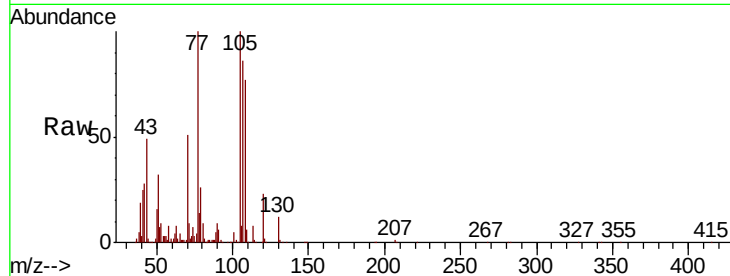
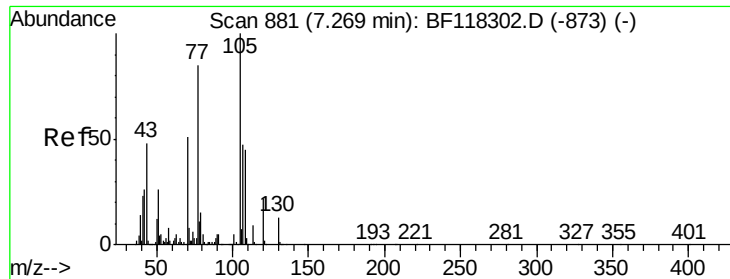


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

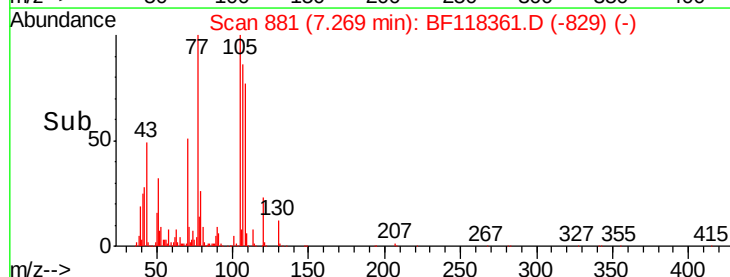
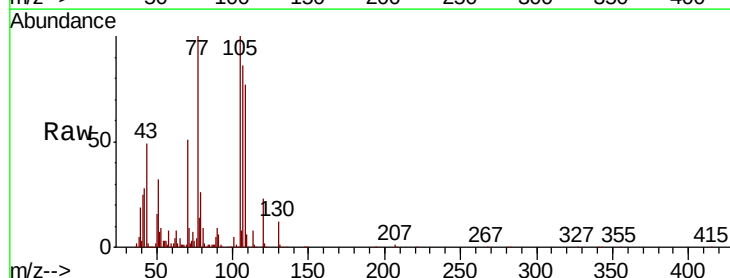
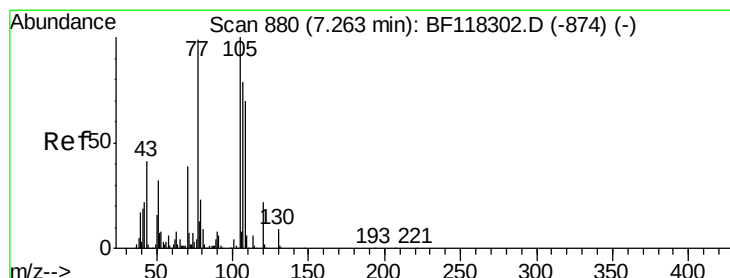
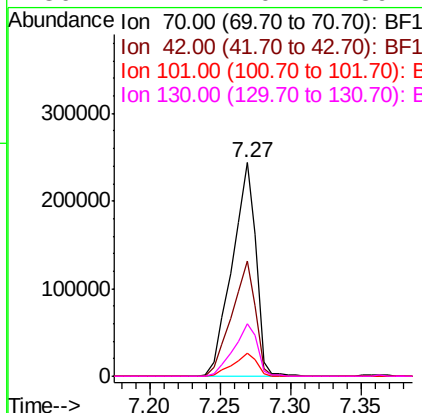




#19
n-Nitroso-di-n-propylamine
Concen: 42.581 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

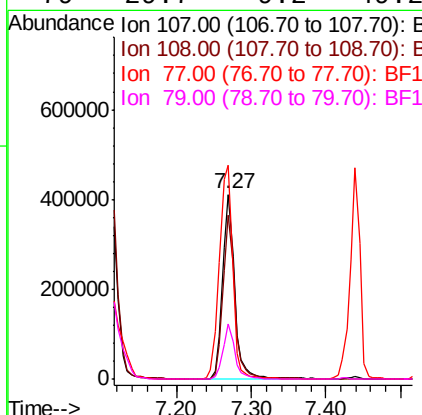
Instrument :
BNA_F
ClientSampleId :

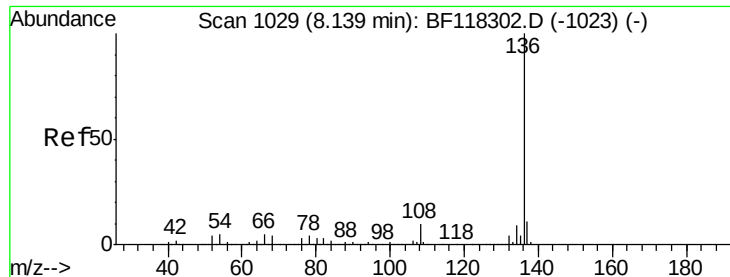
Tot Ion:	70	Resp:	285774
Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.1	61.7
101	10.6	8.3	12.5
130	24.4	20.1	30.1



#20
3+4-Methylphenols
Concen: 45.001 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:	107	Resp:	459459
Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.3	109.3
77	115.6	105.9	145.9
79	29.7	9.2	49.2

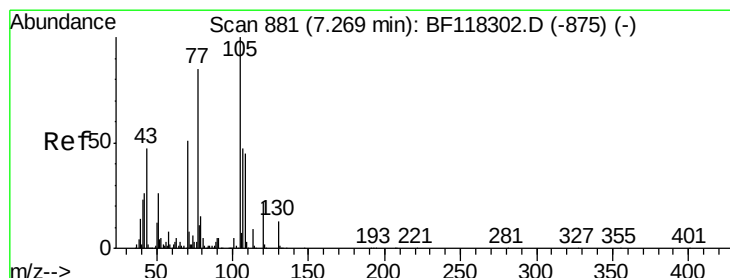
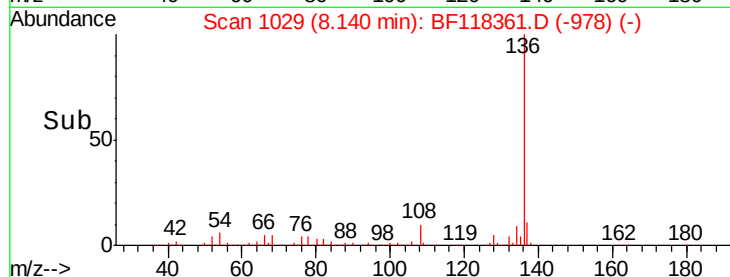
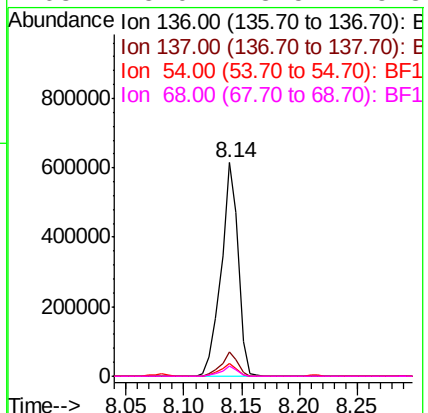
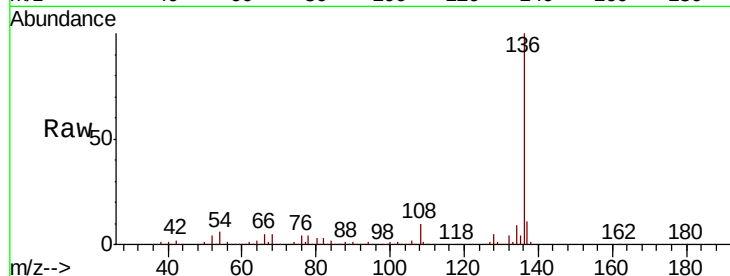




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

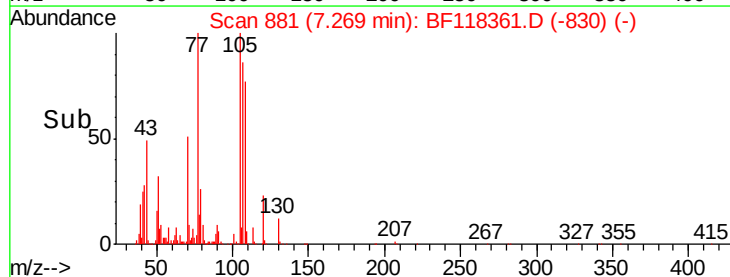
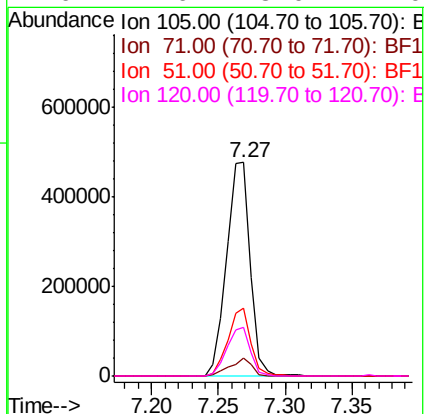
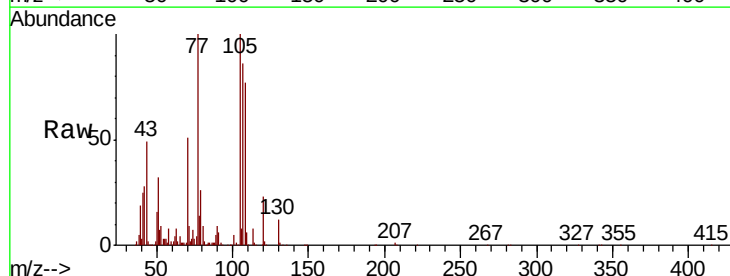
Instrument :
BNA_F
ClientSampleId :

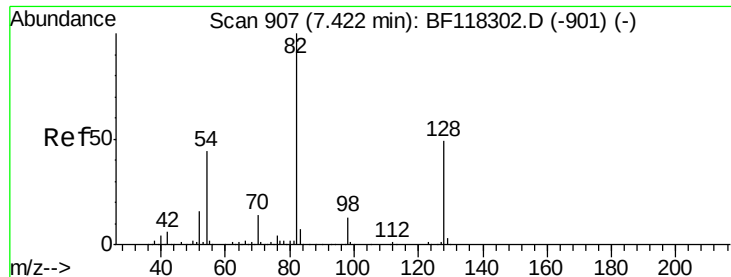
Tot Ion:136	Resp:	628210	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	8.9	13.3	
54 5.8	4.2	6.4	
68 5.0	3.5	5.3	



#22
Acetophenone
Concen: 38.711 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt	Ion:105	Resp:	596028
Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.6	9.8
51	31.5	20.6	30.8#
120	22.6	18.0	27.0

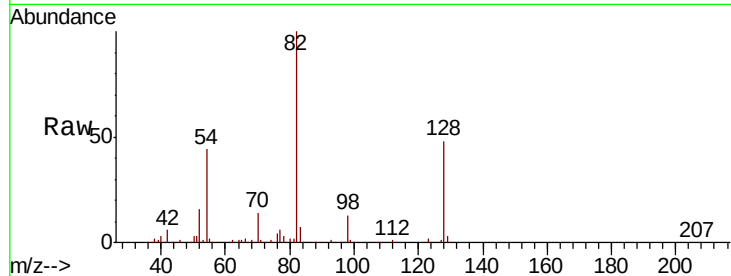




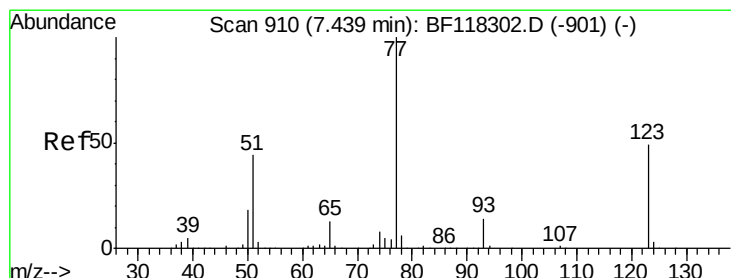
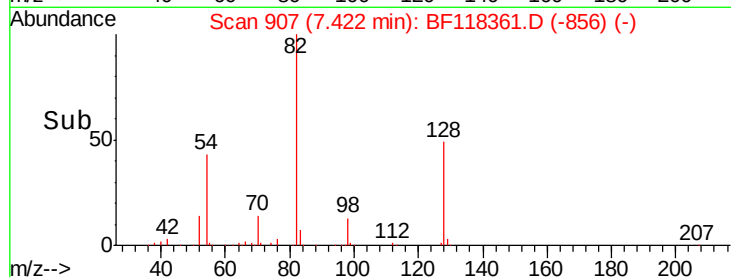
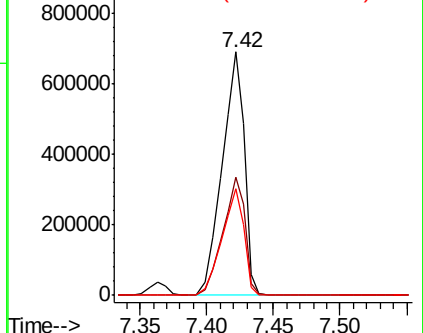
#23
Nitrobenzene-d5
Concen: 73.987 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	812648
Ion Ratio	Lower	Upper	
82	100		
128	48.5	39.6	59.4
54	43.6	34.9	52.3

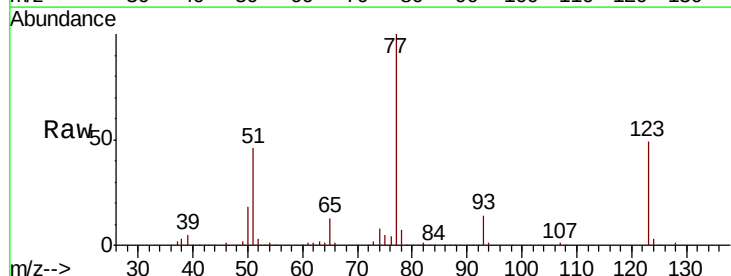


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

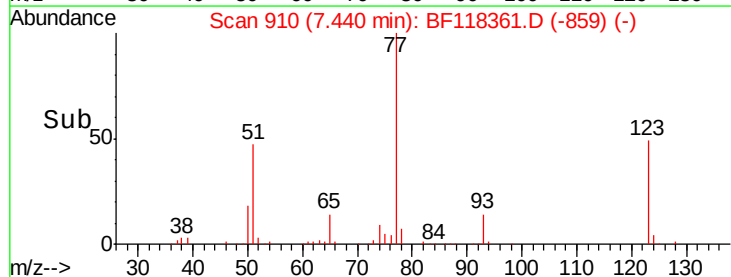
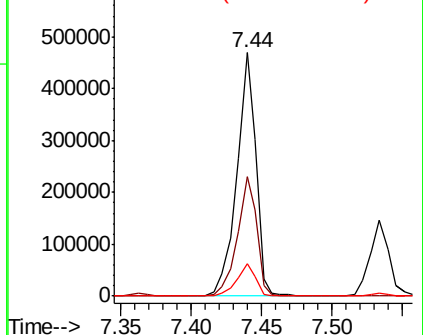


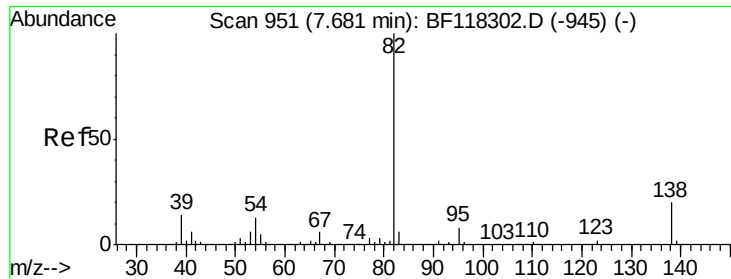
#24
Nitrobenzene
Concen: 39.899 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	77	Resp	438998
Ion Ratio	Lower	Upper	
77	100		
123	49.0	39.1	58.7
65	13.5	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

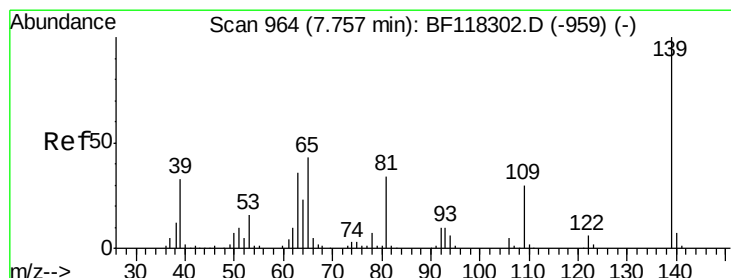
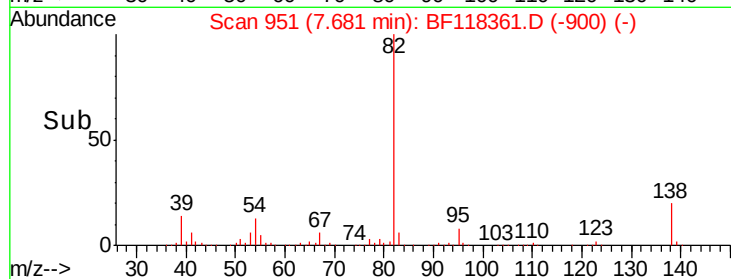
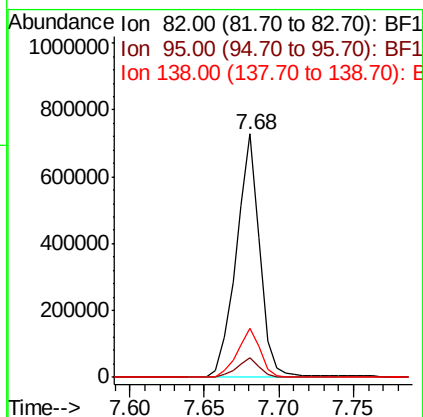
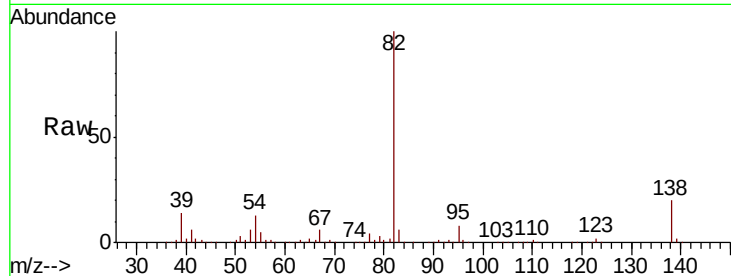




#25
Isophorone
Concen: 41.680 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

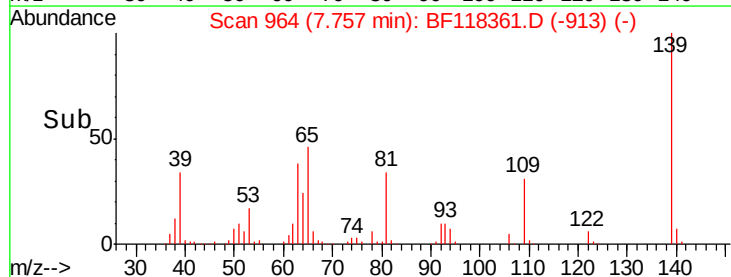
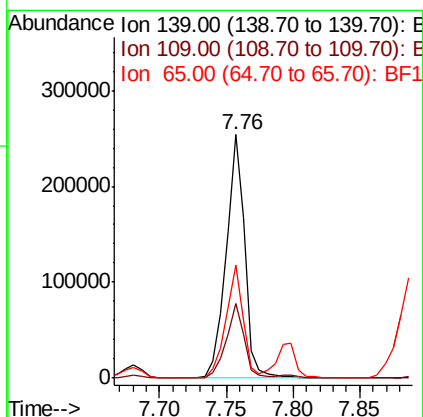
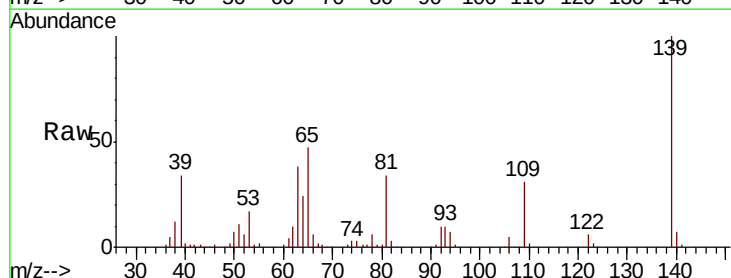
Instrument :
BNA_F
ClientSampleId :

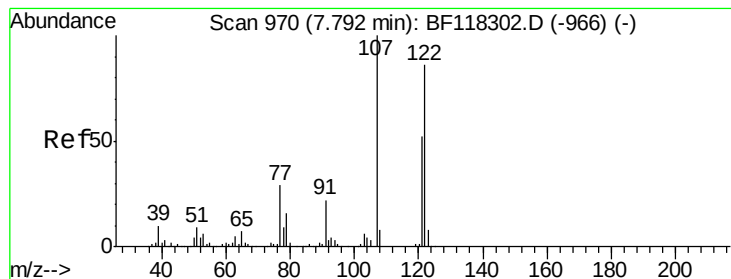
Tot Ion: 82 Resp: 797851
Ion Ratio Lower Upper
82 100
95 8.1 6.3 9.5
138 20.0 16.2 24.2



#26
2-Nitrophenol
Concen: 43.061 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion: 139 Resp: 250951
Ion Ratio Lower Upper
139 100
109 30.7 24.1 36.1
65 46.5 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 48.904 ng

RT: 7.80 min Scan# 971

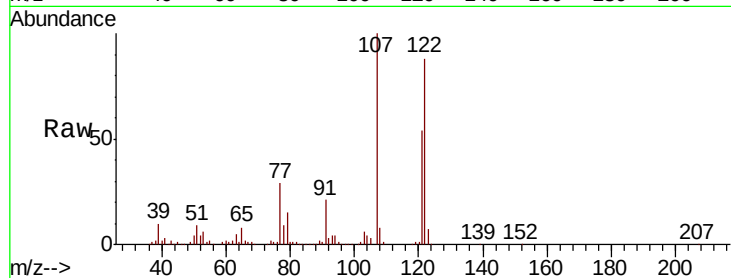
Delta R.T. 0.01 min

Lab File: BF118361.D

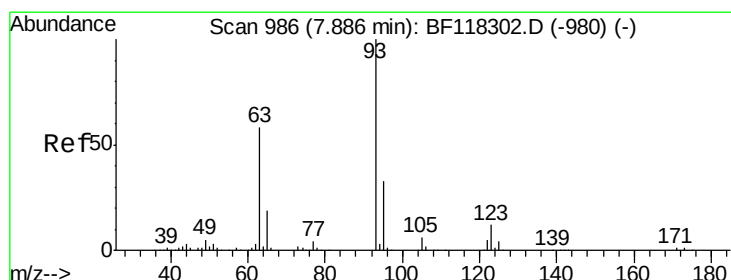
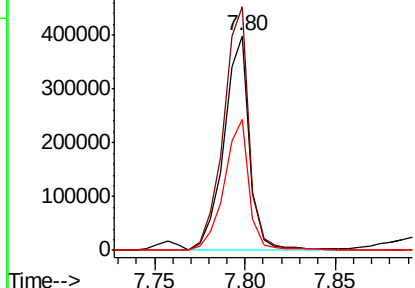
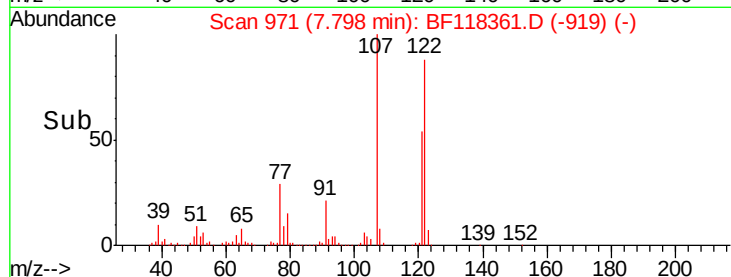
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:	122	Resp:	388855
Ion	Ratio	Lower	Upper
122	100		
107	113.4	92.9	139.3
121	60.7	47.9	71.9



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



#28

bis(2-Chloroethoxy)methane

Concen: 39.818 ng

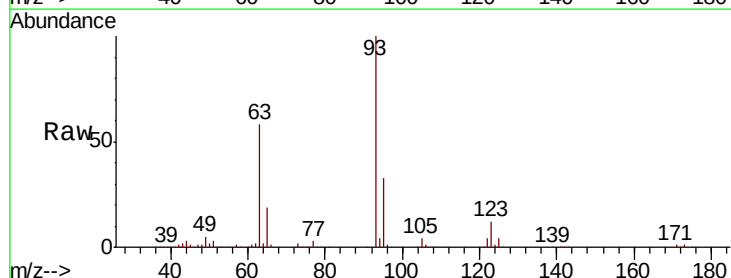
RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

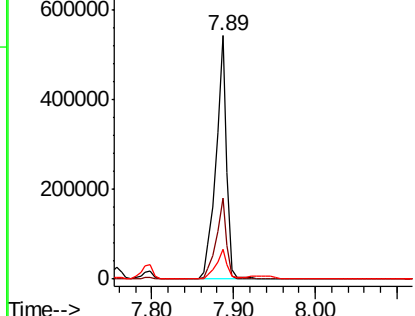
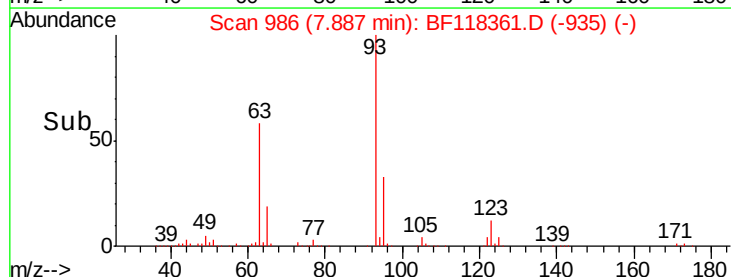
Lab File: BF118361.D

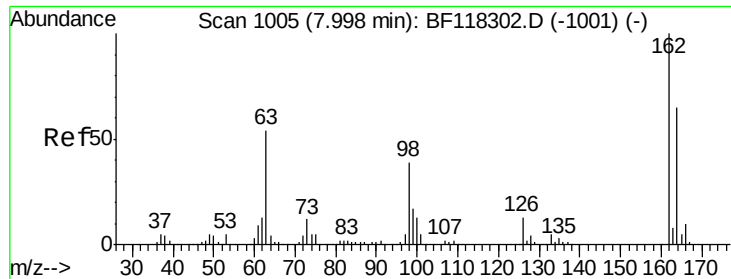
Acq: 28 Dec 2019 13:13

Tgt Ion:	93	Resp:	498484
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.0	9.8	14.8



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

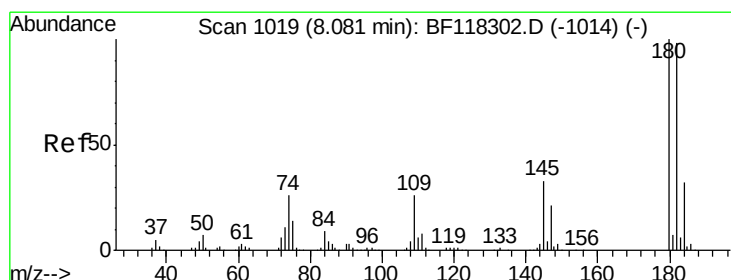
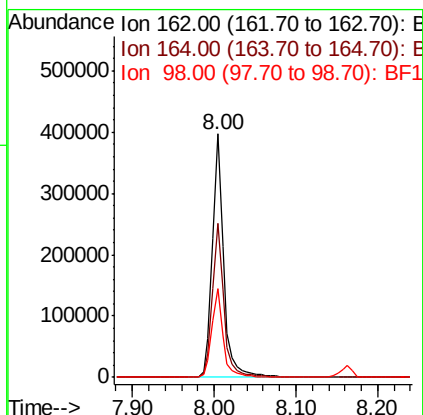
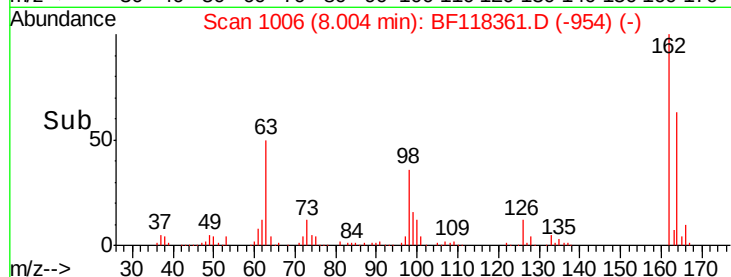
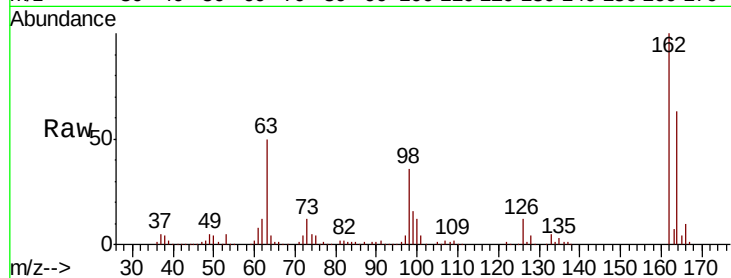




#29
 2,4-Dichlorophenol
 Concen: 41.959 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

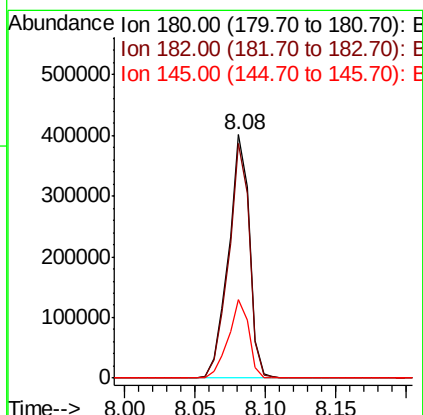
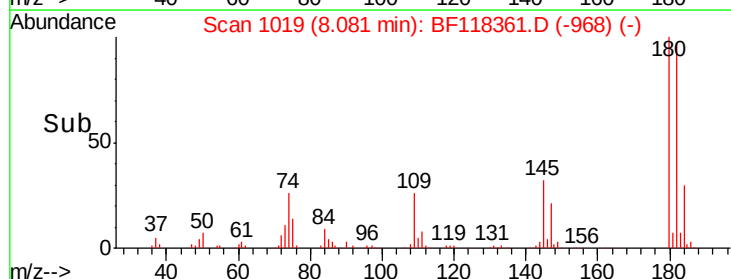
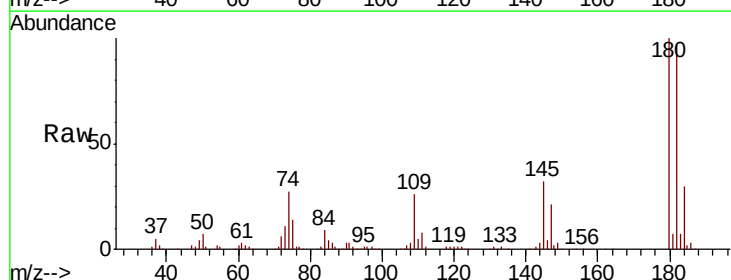
Instrument :
 BNA_F
 ClientSampleId :

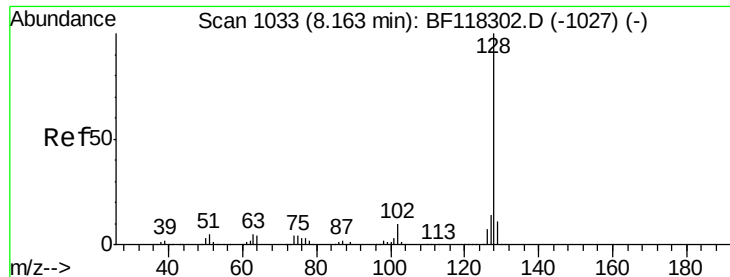
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.1	85.1
98	36.2	18.6	58.6



#30
 1,2,4-Trichlorobenzene
 Concen: 38.846 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	78.3	117.5
145	32.5	26.7	40.1

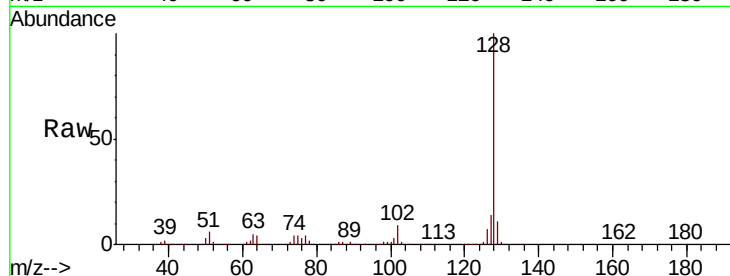




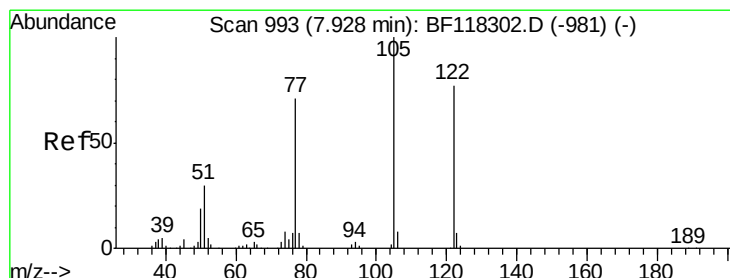
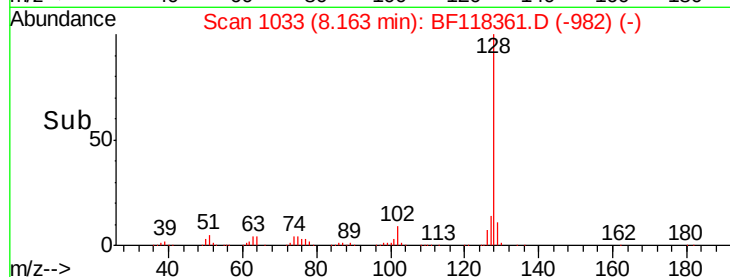
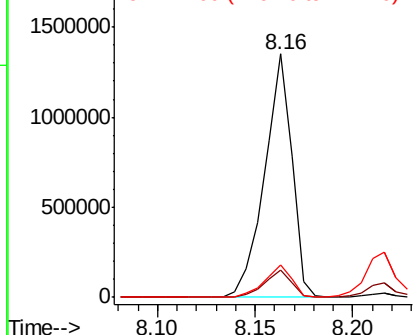
#31
Naphthalene
Concen: 41.057 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1310952
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.6 11.0 16.4

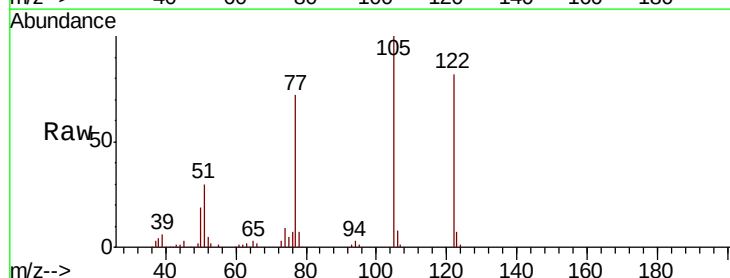


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

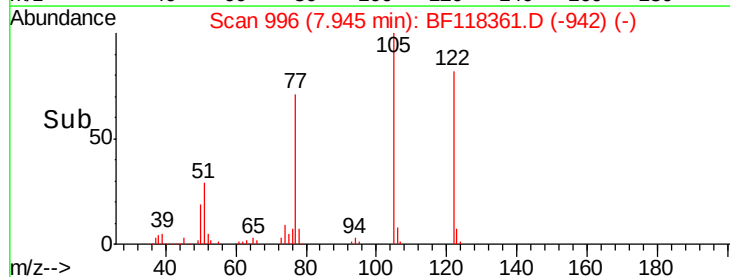
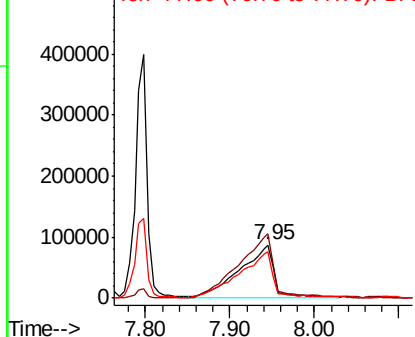


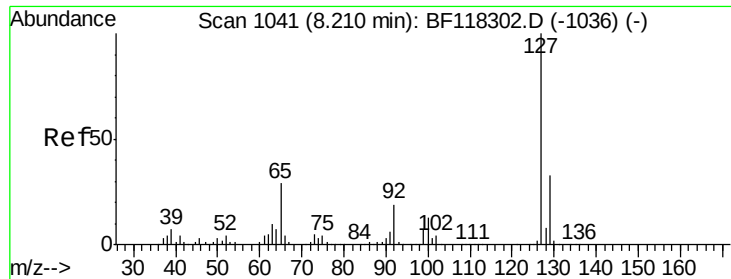
#32
Benzoic acid
Concen: 37.570 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:122 Resp: 242867
Ion Ratio Lower Upper
122 100
105 122.2 106.8 146.8
77 87.9 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

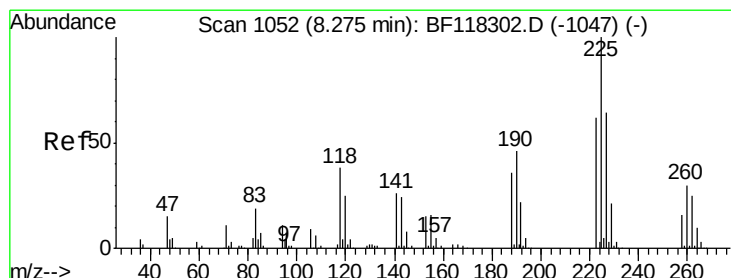
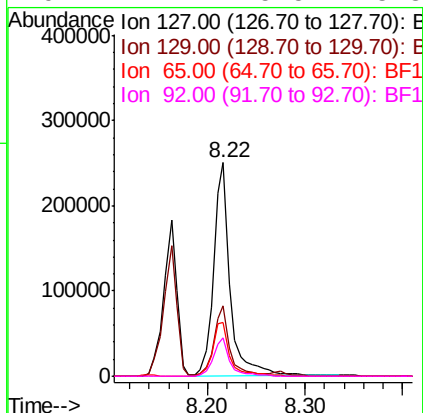
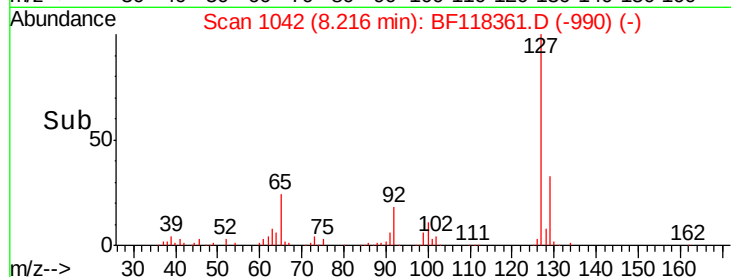
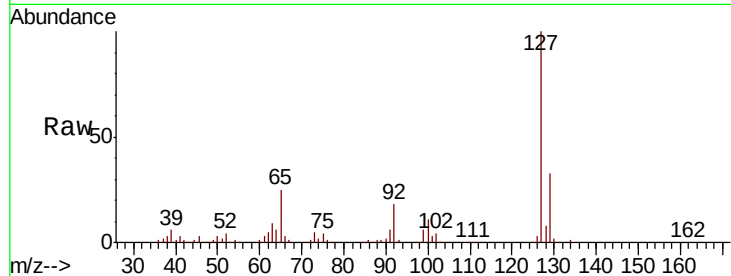




#33
4-Chloroaniline
Concen: 21.318 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

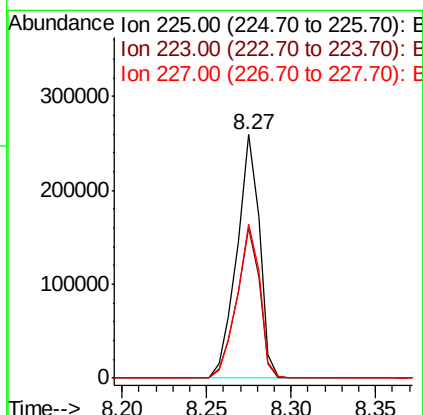
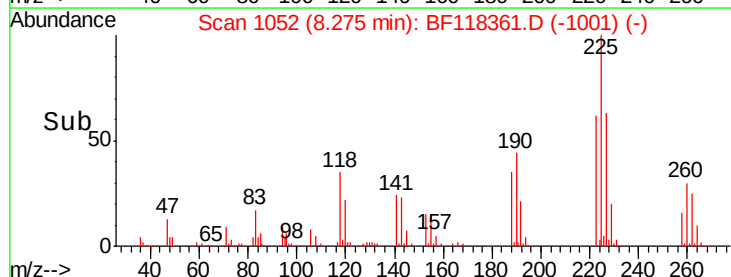
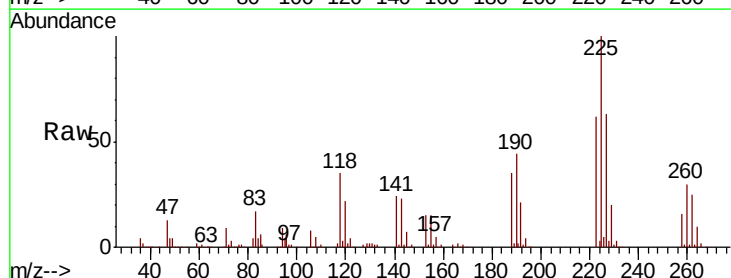
Instrument :
BNA_F
ClientSampleId :

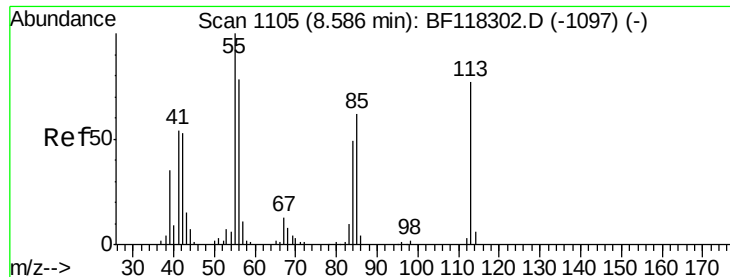
Tot Ion:127	Resp:	291800
Ion Ratio	Lower	Upper
127	100	
129	32.8	26.5 39.7
65	25.4	22.8 34.2
92	17.7	15.5 23.3



#34
Hexachlorobutadiene
Concen: 38.172 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:225	Resp:	242243
Ion Ratio	Lower	Upper
225	100	
223	61.8	49.5 74.3
227	63.5	51.0 76.4

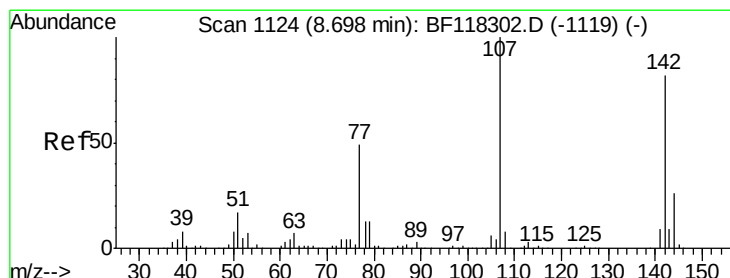
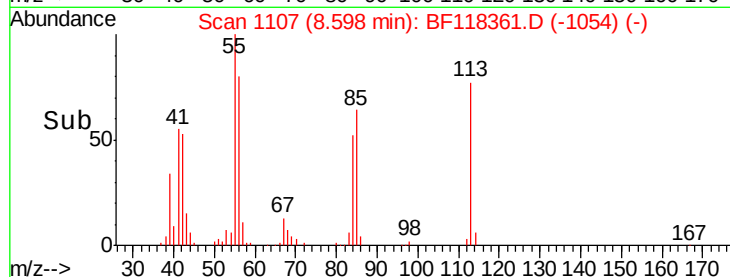
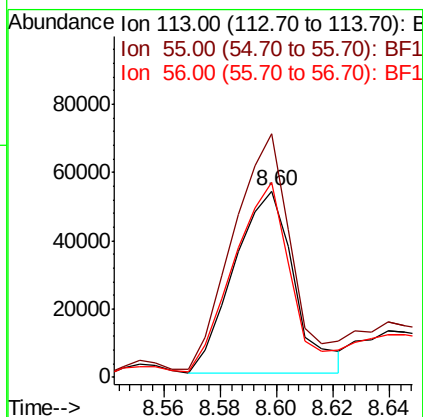
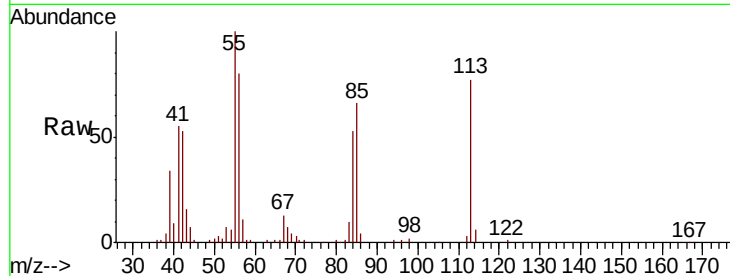




#35
 Caprolactam
 Concen: 27.871 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

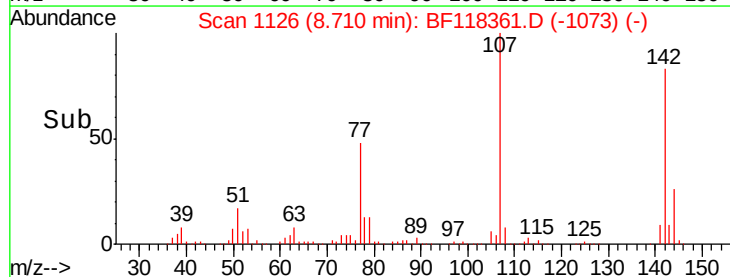
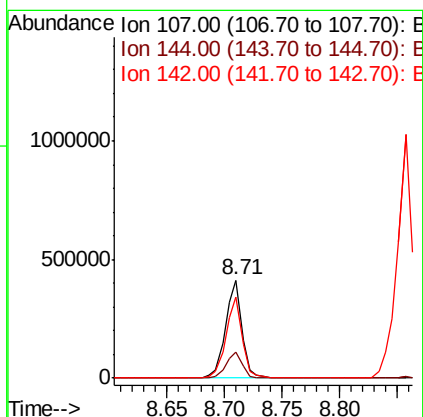
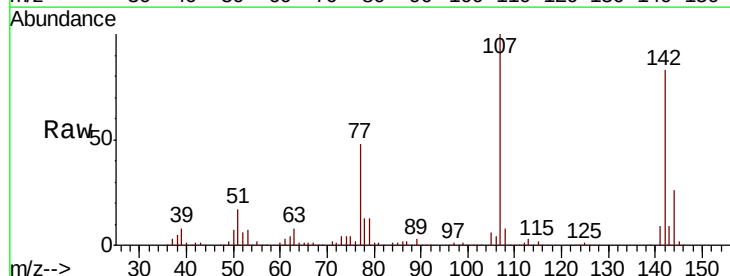
Instrument :
 BNA_F
 ClientSampled :

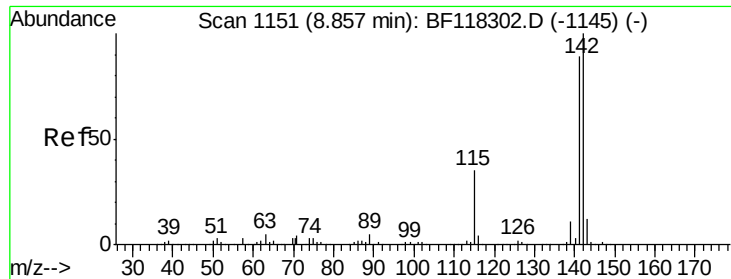
Tot Ion:113 Resp: 79634
 Ion Ratio Lower Upper
 113 100
 55 130.5 109.8 149.8
 56 104.5 81.7 121.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.439 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion:107 Resp: 407182
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.2 31.8
 142 83.0 65.4 98.2

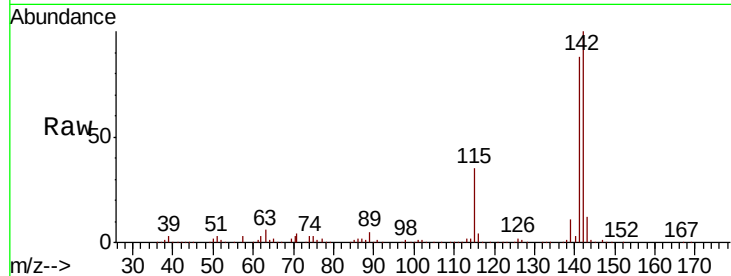




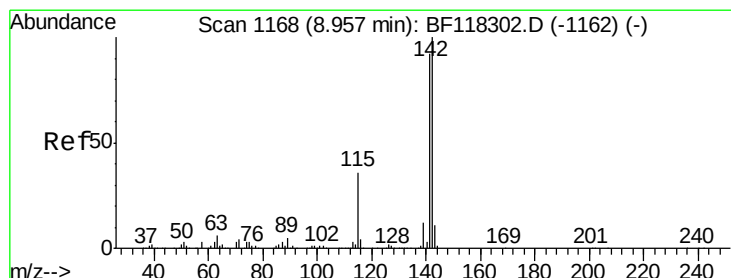
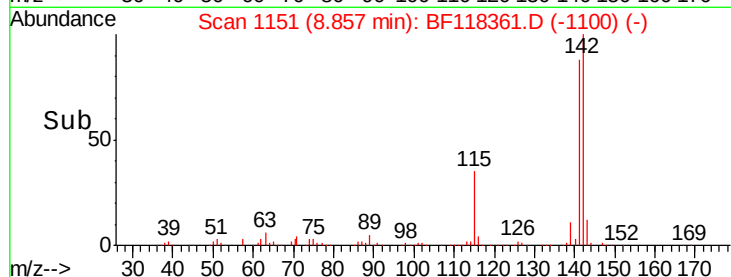
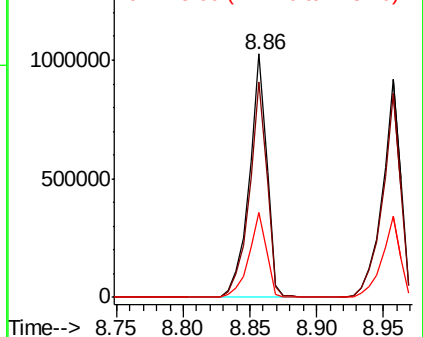
#37
2-Methylnaphthalene
Concen: 41.812 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 914058
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8
115 34.8 28.0 42.0

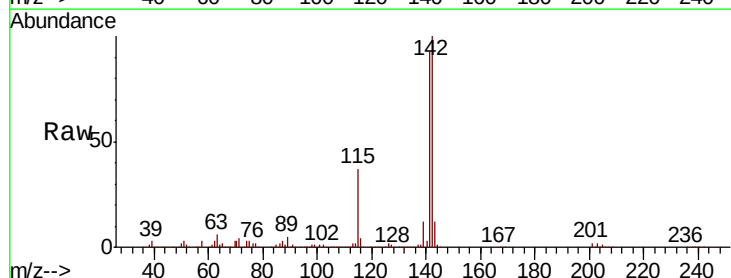


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

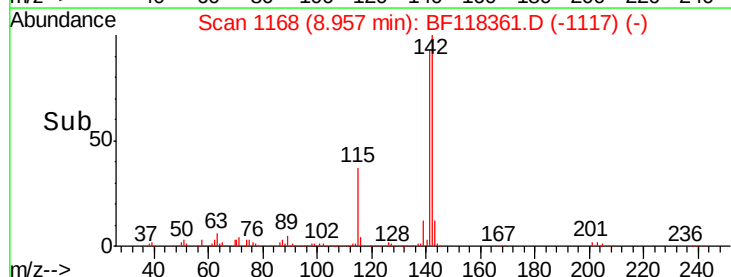
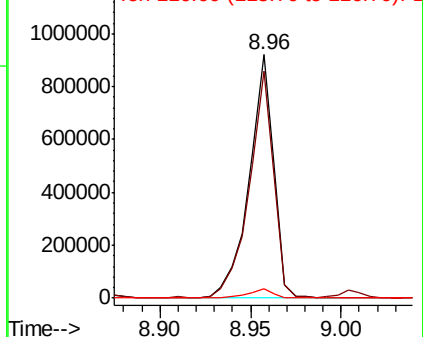


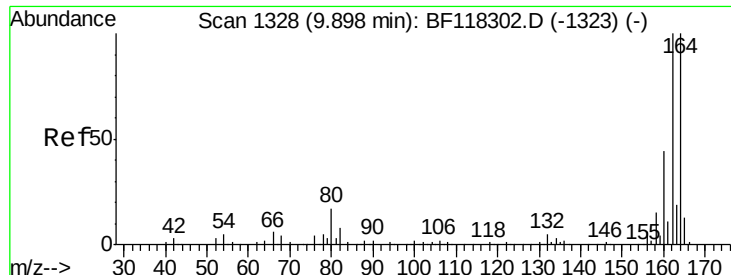
#38
1-Methylnaphthalene
Concen: 41.650 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:142 Resp: 857823
Ion Ratio Lower Upper
142 100
141 93.4 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

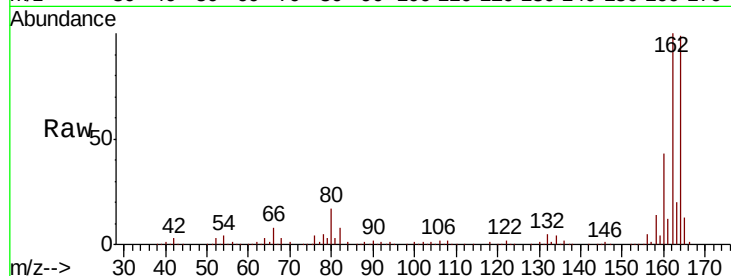




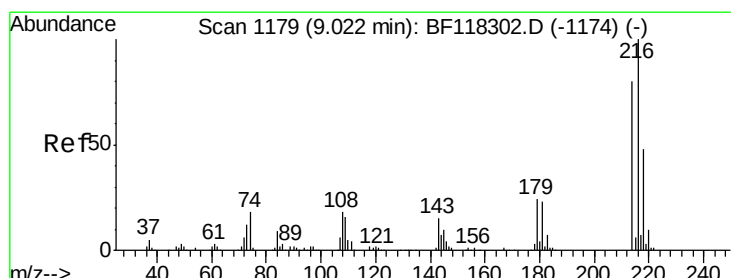
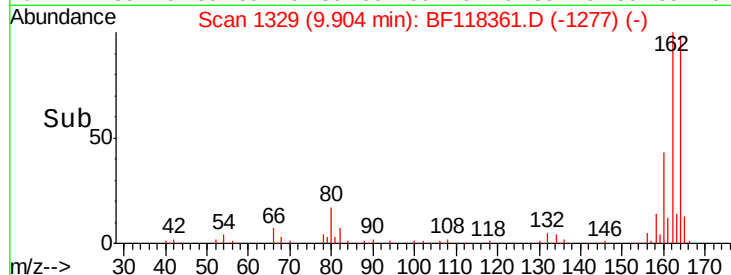
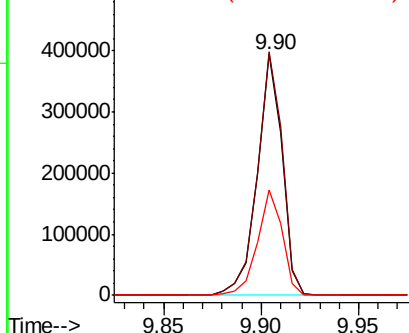
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 347145
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 44.0 34.8 52.2

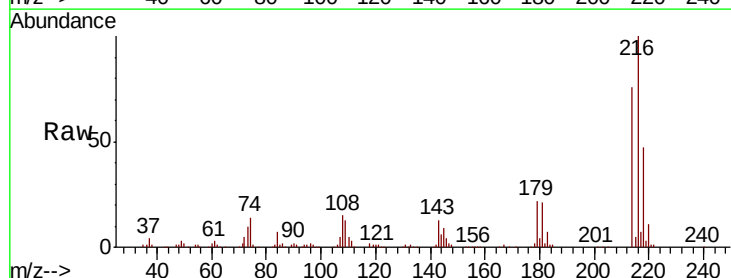


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

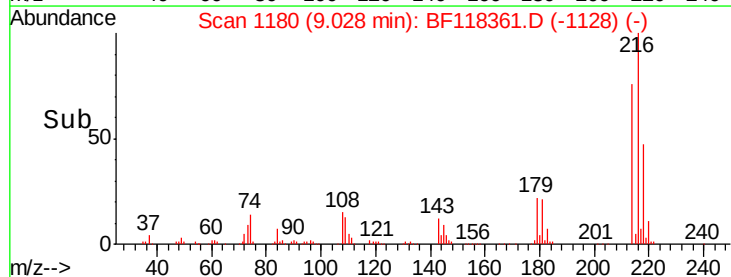
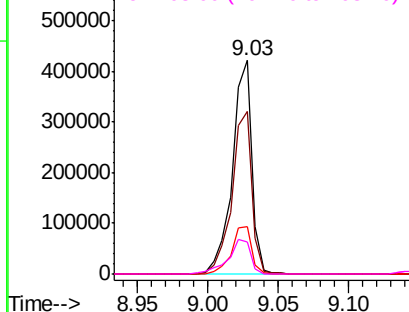


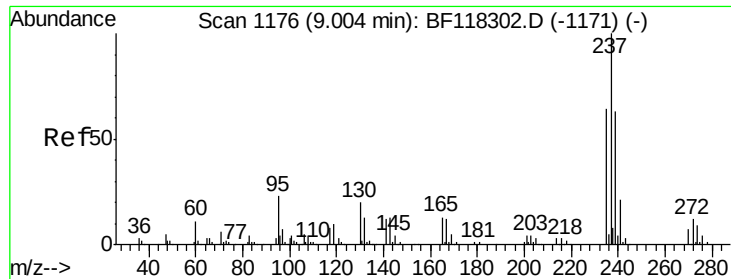
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.713 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:216 Resp: 403782
Ion Ratio Lower Upper
216 100
214 78.3 63.3 94.9
179 22.9 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

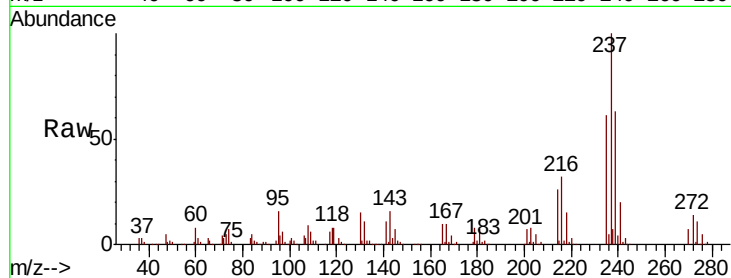




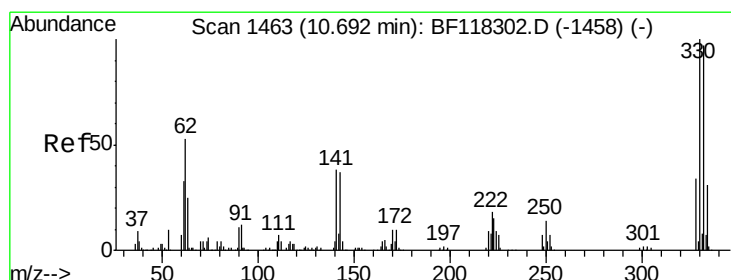
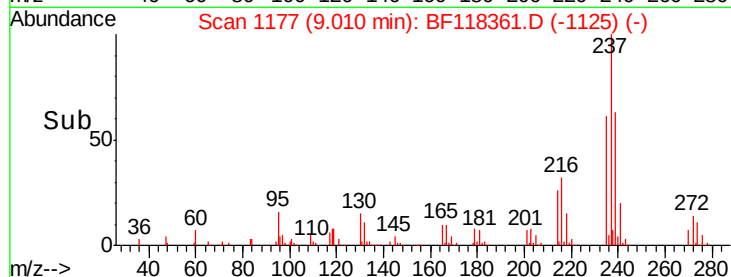
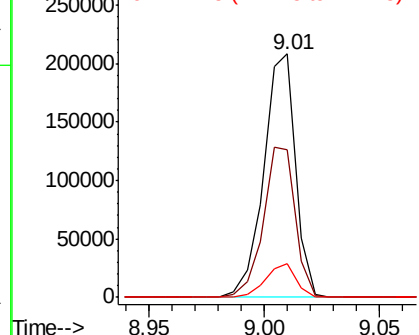
#41
Hexachlorocyclopentadiene
Concen: 49.401 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.9	43.8	83.8
272	13.7	0.0	31.7

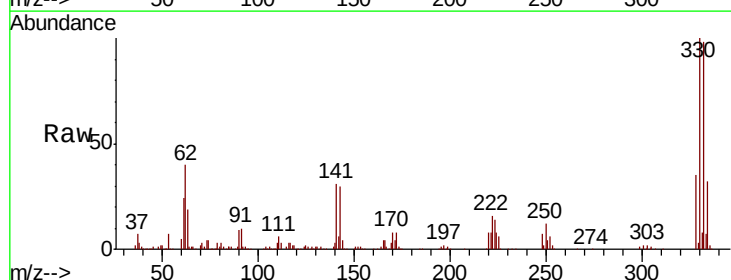


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

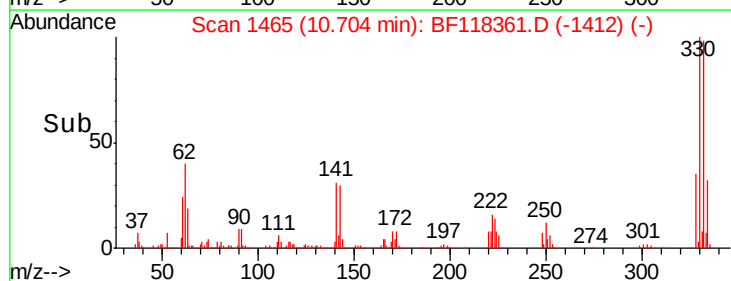
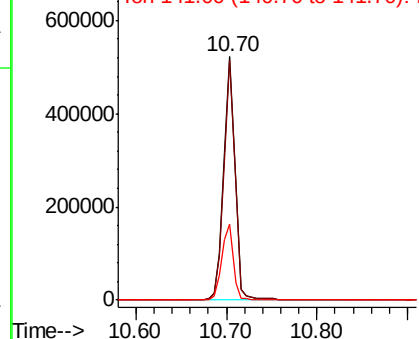


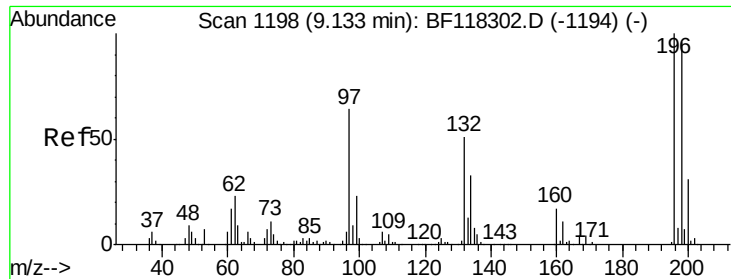
#42
2,4,6-Tribromophenol
Concen: 104.881 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	31.8	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

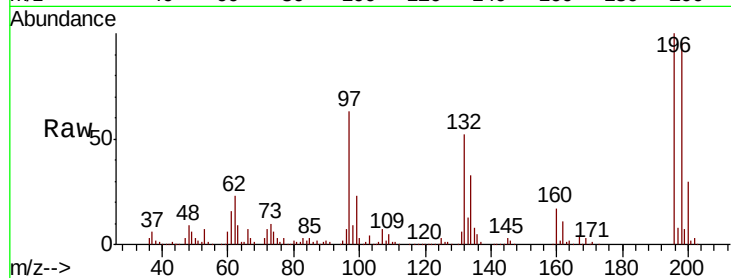




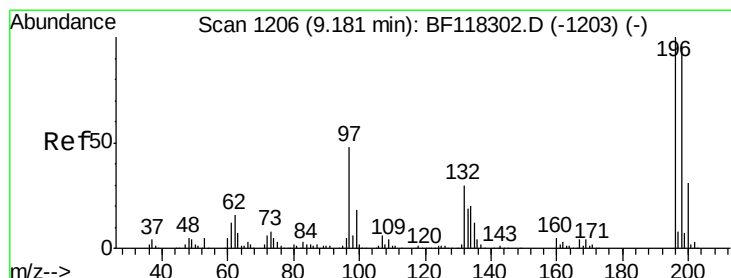
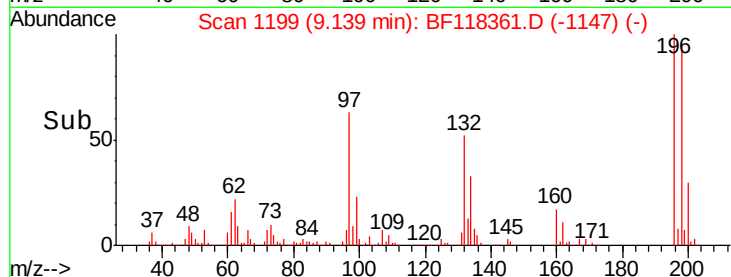
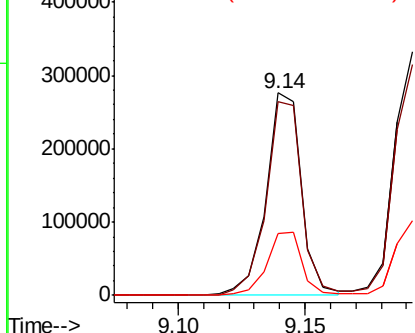
#43
 2,4,6-Trichlorophenol
 Concen: 38.741 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.7	115.1
200	30.3	24.8	37.2



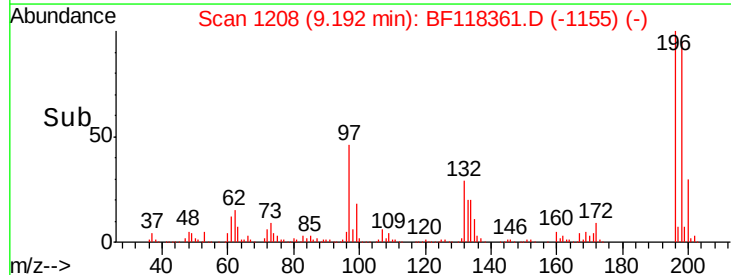
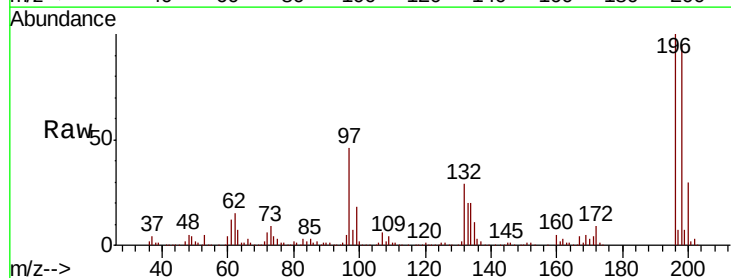
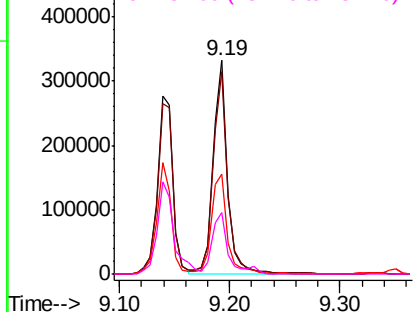
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

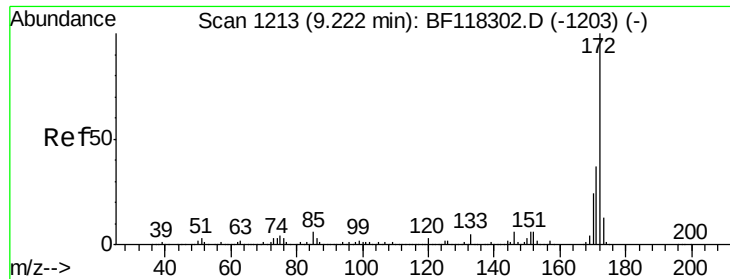


#44
 2,4,5-Trichlorophenol
 Concen: 40.797 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.0	115.4
97	46.5	38.9	58.3
132	29.0	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

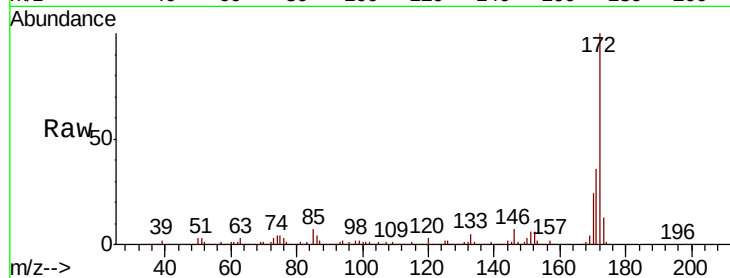




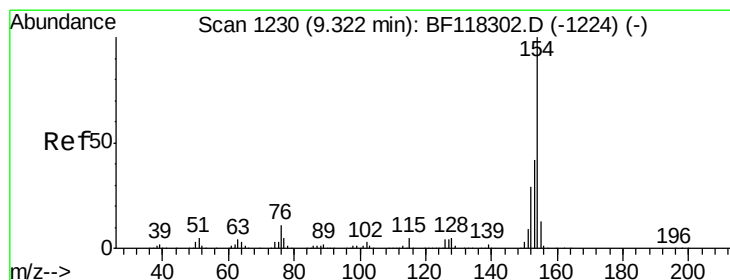
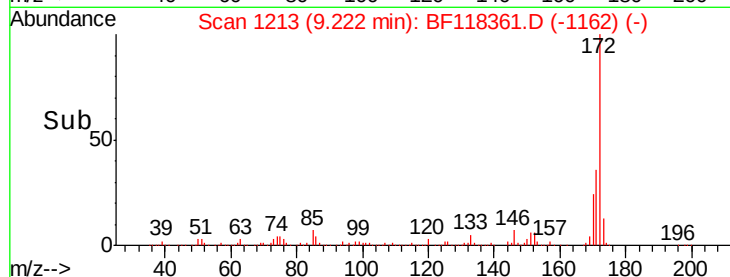
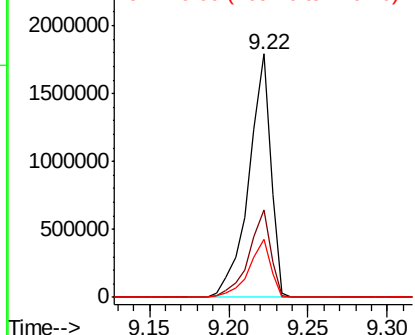
#45
2-Fluorobiphenyl
Concen: 75.781 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1723392
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 23.8 19.2 28.8

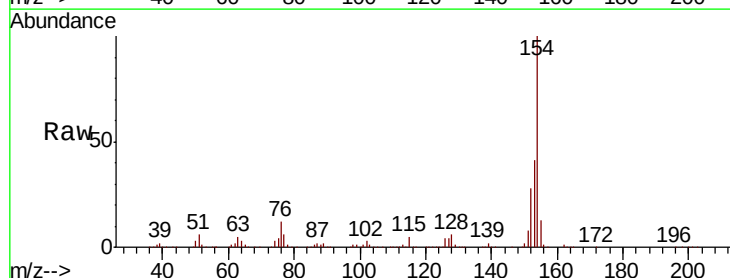


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

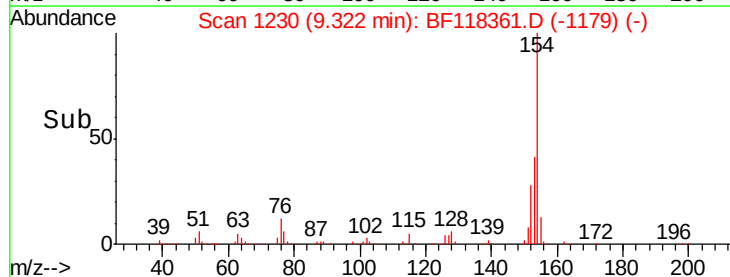
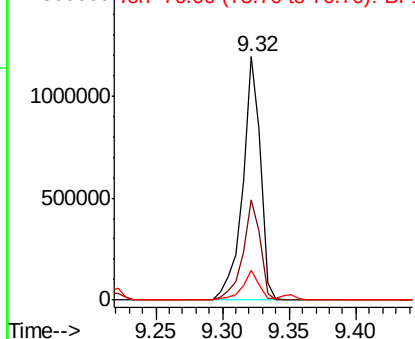


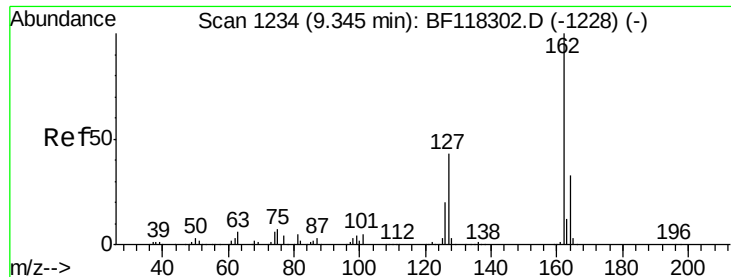
#46
1,1'-Biphenyl
Concen: 39.733 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:154 Resp: 1090963
Ion Ratio Lower Upper
154 100
153 41.3 21.8 61.8
76 12.2 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

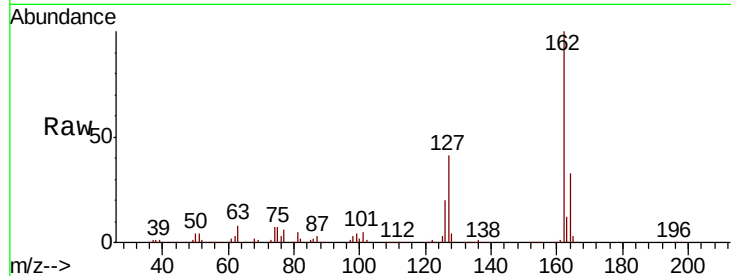




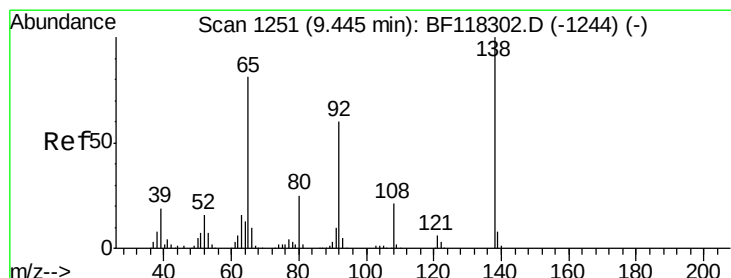
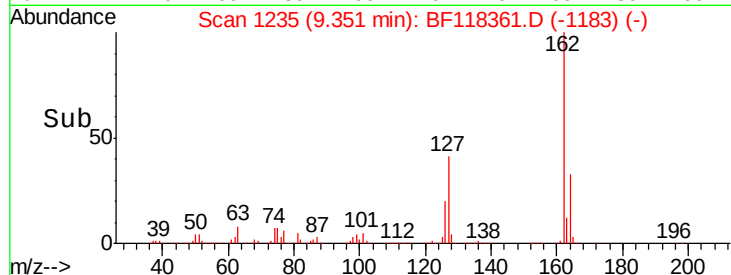
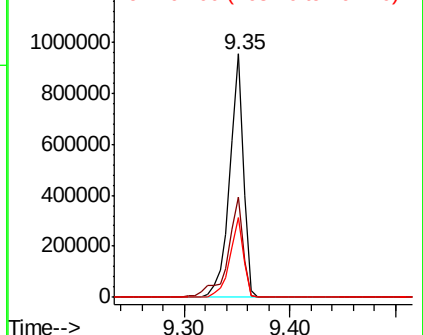
#47
 2-Chloronaphthalene
 Concen: 38.600 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 162 Resp: 852995
 Ion Ratio Lower Upper
 162 100
 127 41.4 35.0 52.4
 164 32.9 26.6 40.0

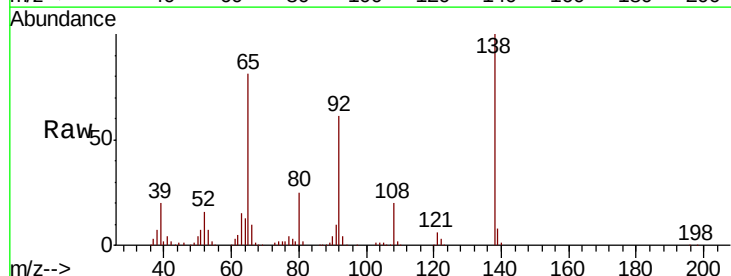


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

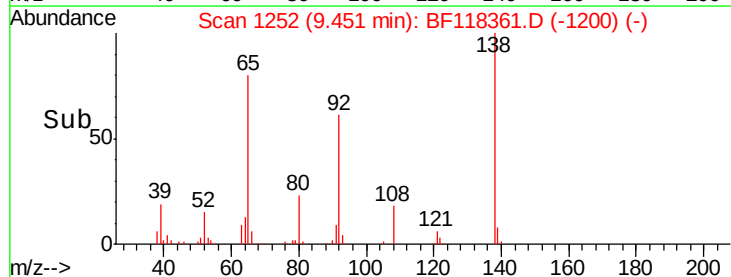
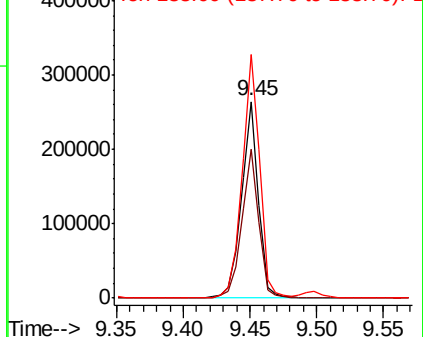


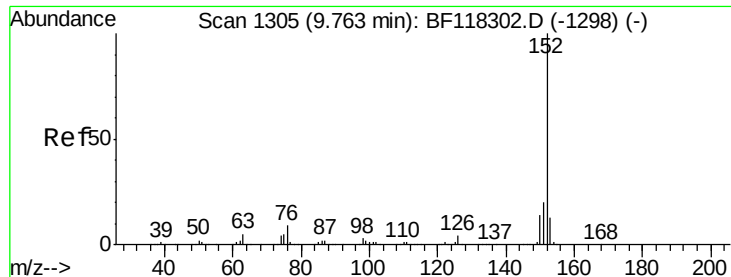
#48
 2-Nitroaniline
 Concen: 37.430 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion: 65 Resp: 233630
 Ion Ratio Lower Upper
 65 100
 92 76.0 58.7 88.1
 138 124.0 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: 40.429 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

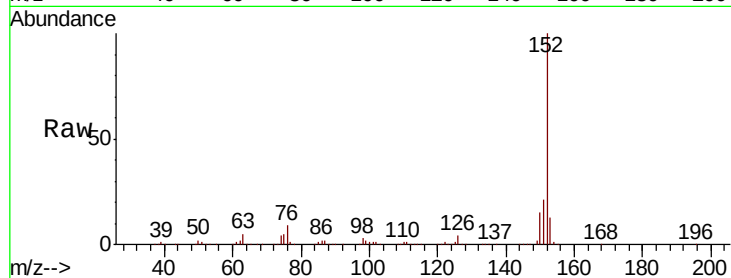
Instrument :

BNA_F

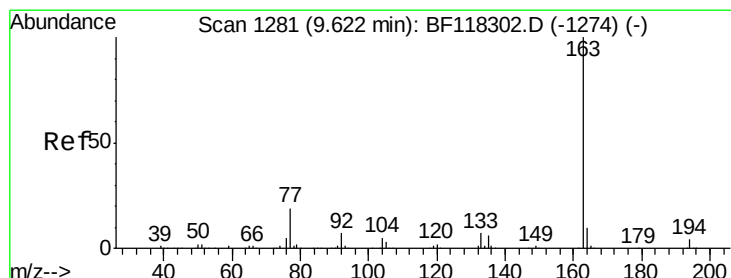
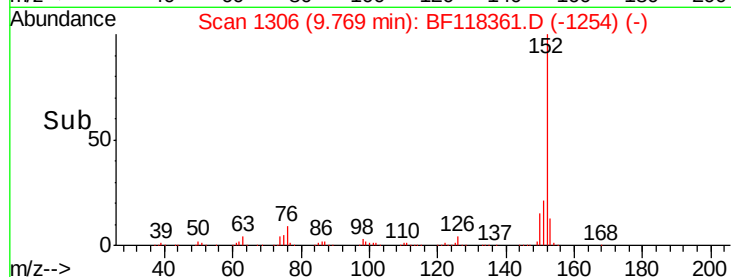
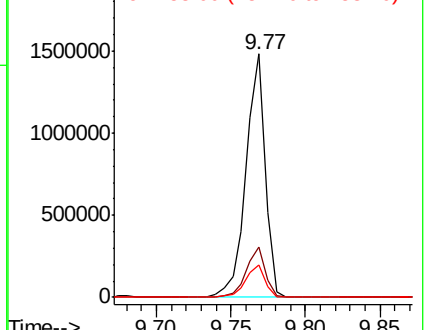
ClientSampleId :

Tot Ion:152 Resp: 1325042

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2
153	13.4	10.5	15.7



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



#50

Dimethylphthalate

Concen: 39.083 ng

RT: 9.62 min Scan# 1281

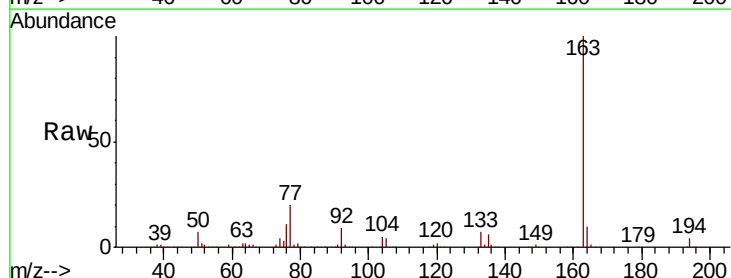
Delta R.T. 0.00 min

Lab File: BF118361.D

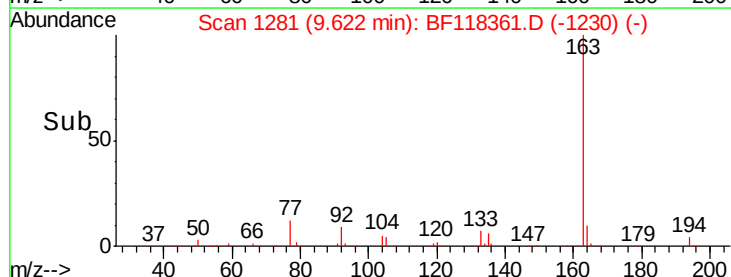
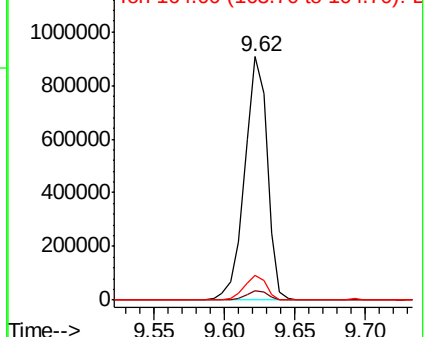
Acq: 28 Dec 2019 13:13

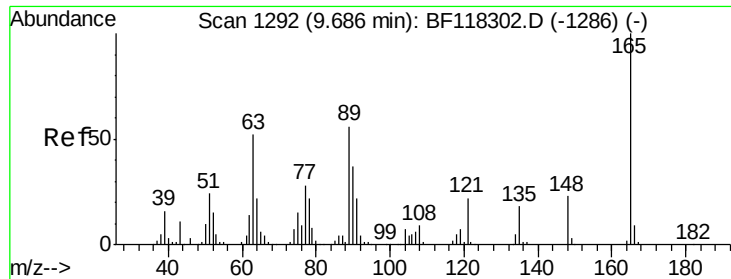
Tgt Ion:163 Resp: 1018419

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.3	7.9	11.9



Abundance Ion 163.00 (162.70 to 163.70): E
 1200000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

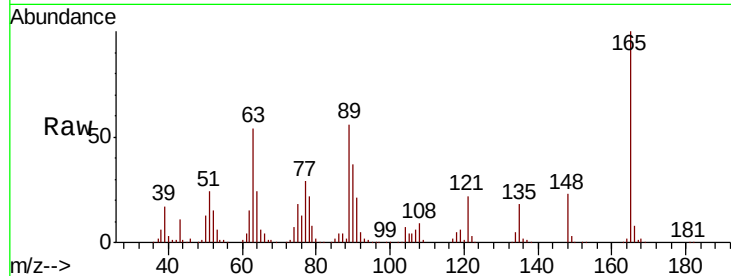




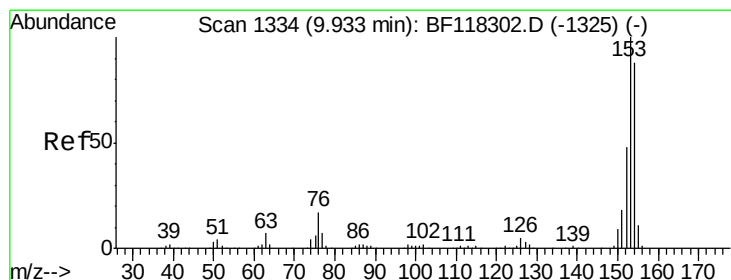
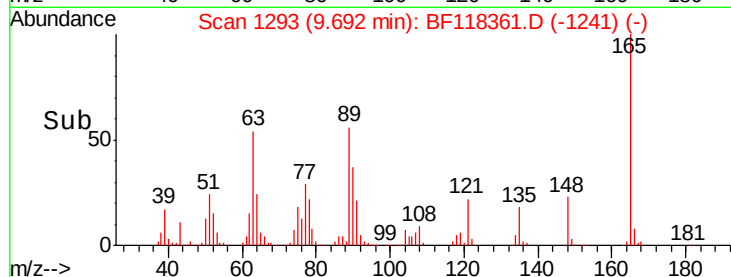
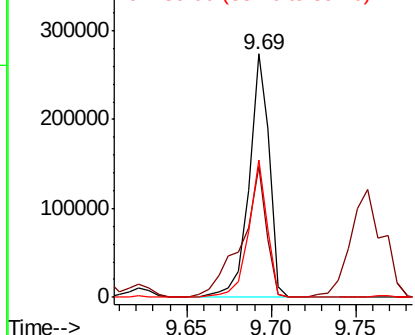
#51
2,6-Dinitrotoluene
Concen: 40.697 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 228631
Ion Ratio Lower Upper
165 100
63 53.7 42.2 63.4
89 56.4 44.4 66.6

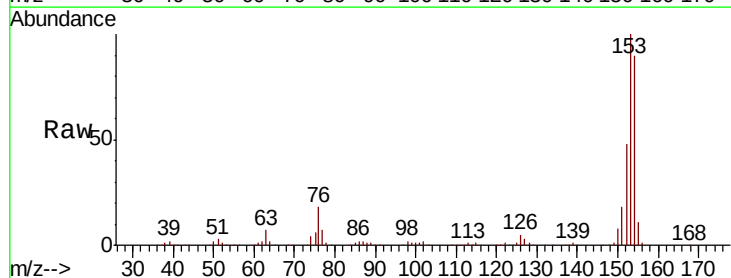


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

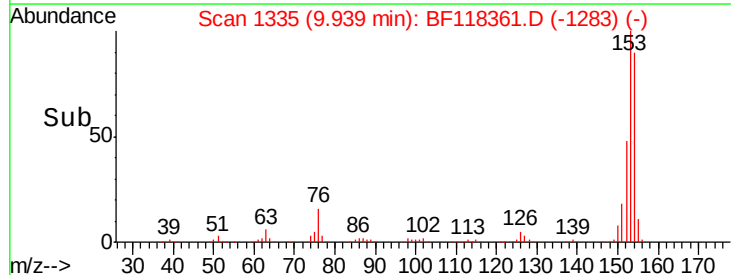
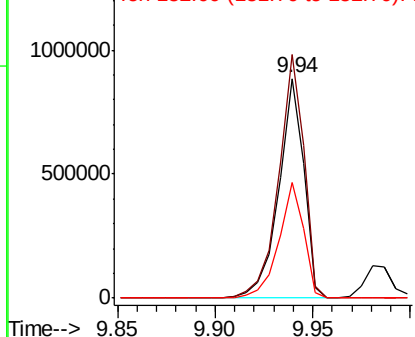


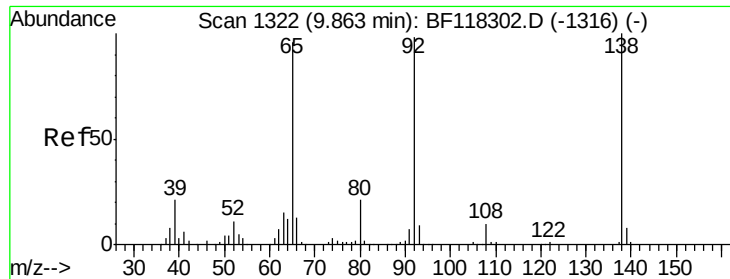
#52
Acenaphthene
Concen: 39.464 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:154 Resp: 787820
Ion Ratio Lower Upper
154 100
153 110.7 90.6 136.0
152 52.6 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

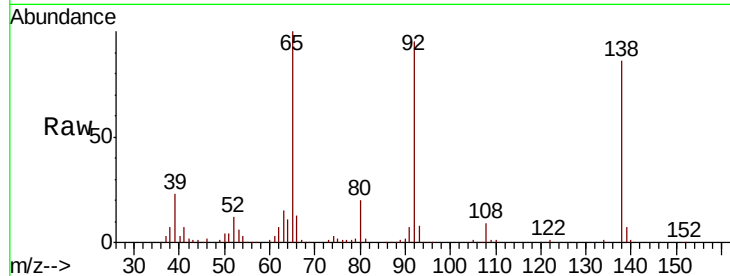




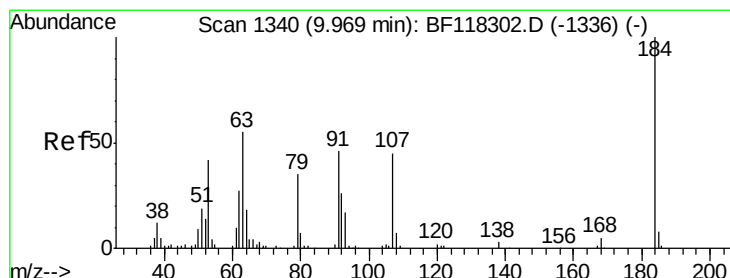
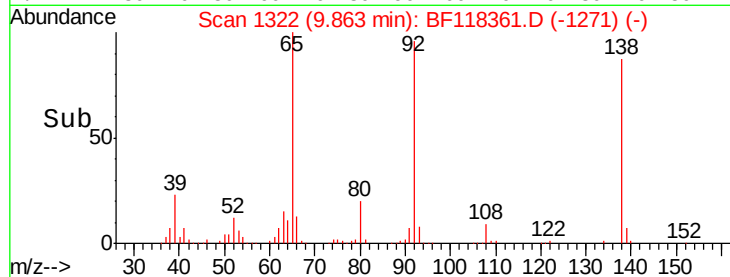
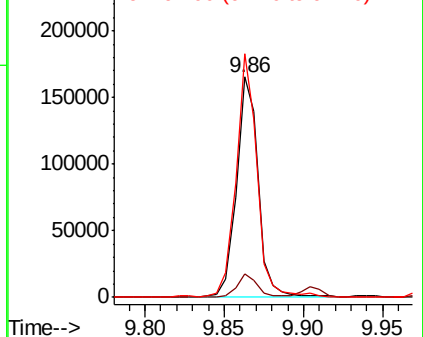
#53
3-Nitroaniline
Concen: 23.924 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 157745
Ion Ratio Lower Upper
138 100
108 10.9 7.8 11.8
92 110.5 78.2 117.2

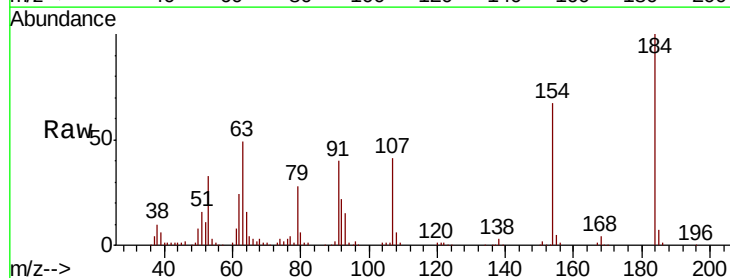


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

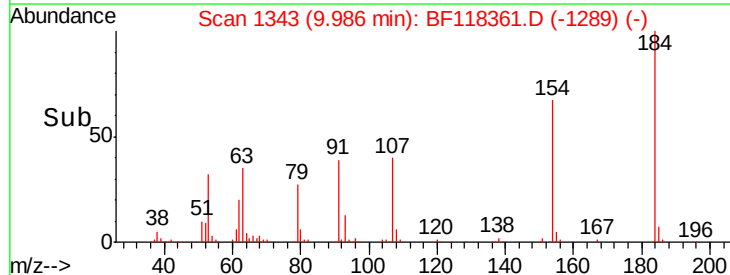
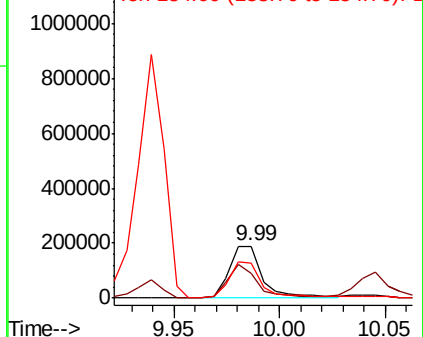


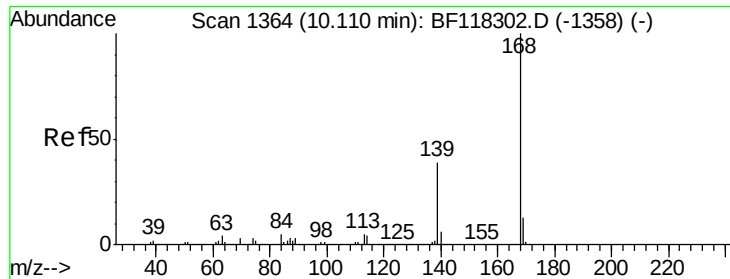
#54
2,4-Dinitrophenol
Concen: 74.410 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:184 Resp: 209674
Ion Ratio Lower Upper
184 100
63 48.7 48.8 73.2#
154 66.8 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: 39.986 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

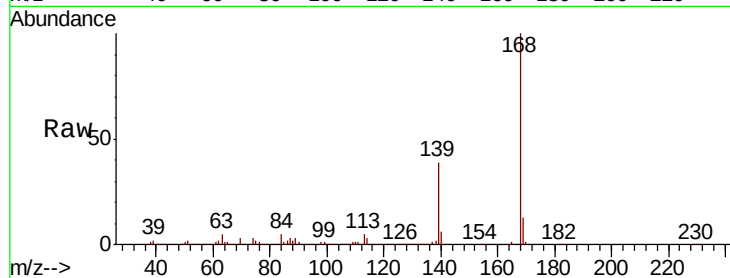
Tot Ion:168 Resp: 1179474

Ion Ratio Lower Upper

168 100

139 39.2 31.5 47.3

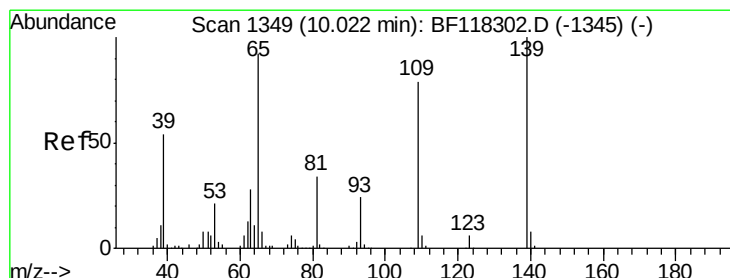
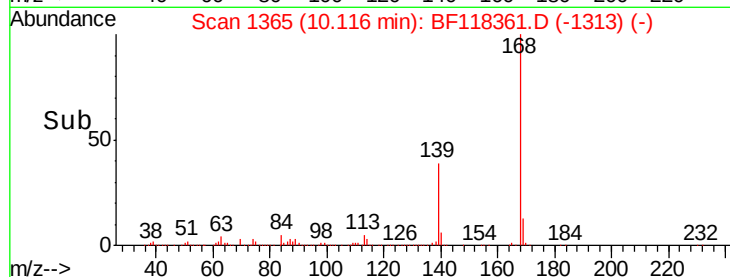
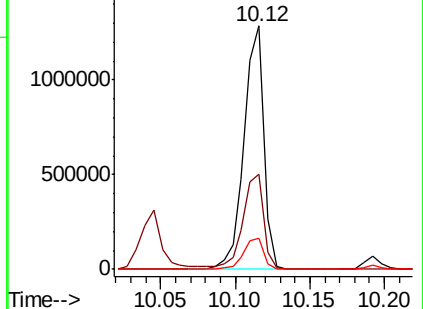
169 12.9 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.731 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.02 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

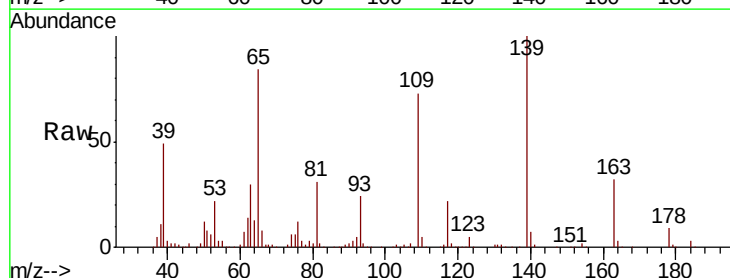
Tgt Ion:139 Resp: 308268

Ion Ratio Lower Upper

139 100

109 73.1 59.3 99.3

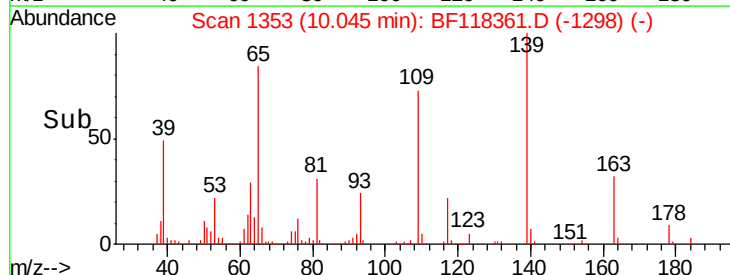
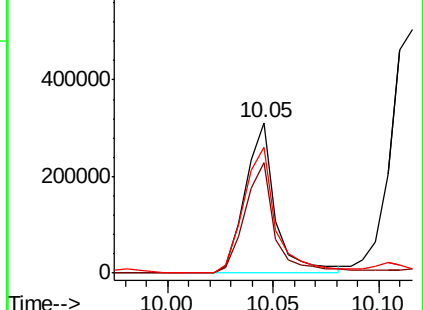
65 83.8 72.4 112.4

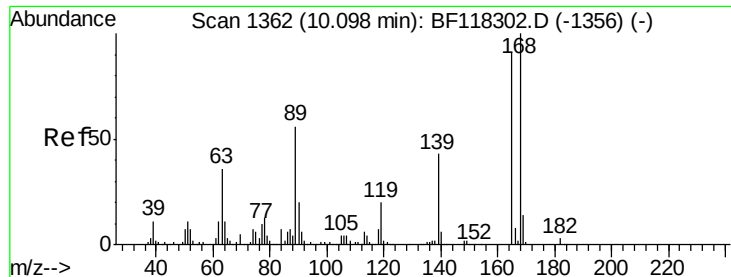


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.032 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 300506

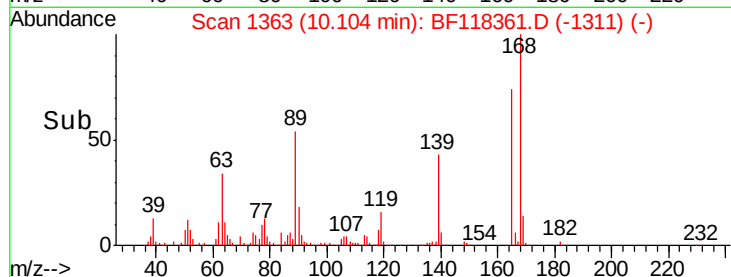
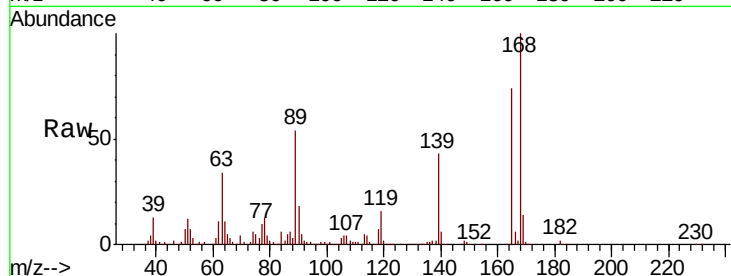
Ion Ratio Lower Upper

165 100

63 46.2 32.0 48.0

89 72.3 49.3 73.9

182 2.8 2.4 3.6

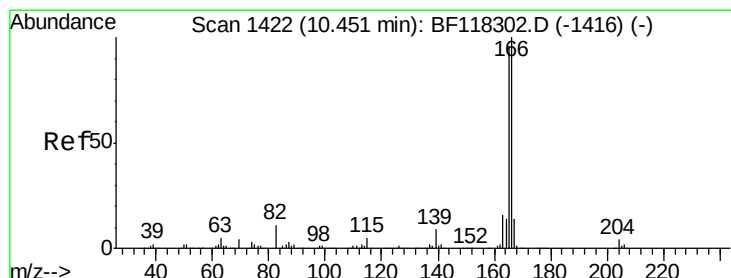
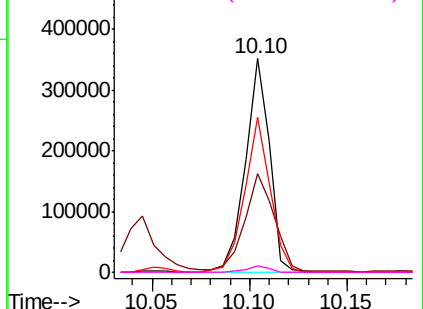


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.709 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

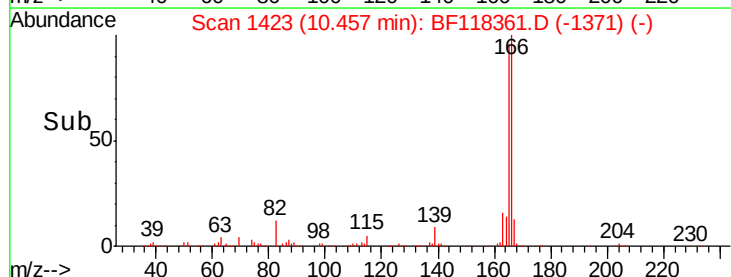
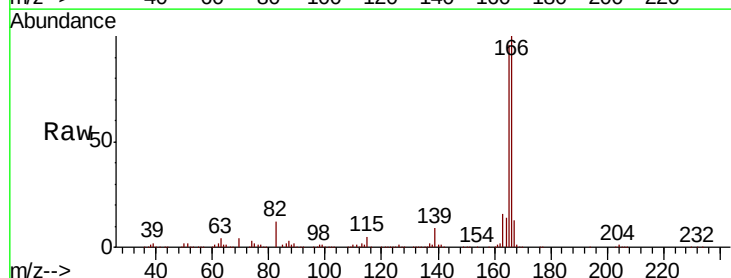
Tgt Ion:166 Resp: 945547

Ion Ratio Lower Upper

166 100

165 96.2 77.0 115.4

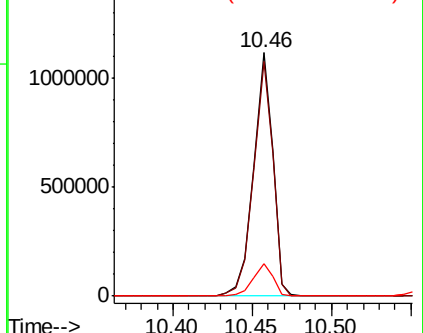
167 13.4 10.9 16.3

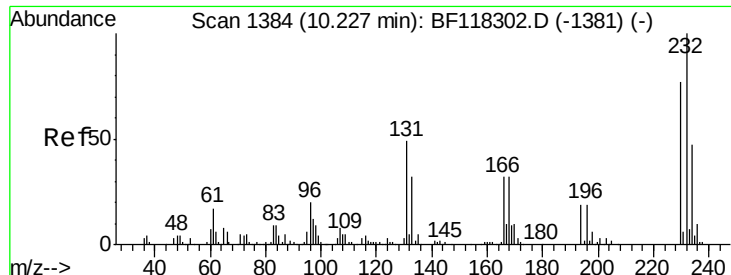


Abundance Ion 166.00 (165.70 to 166.70): E

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: 41.085 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 250233

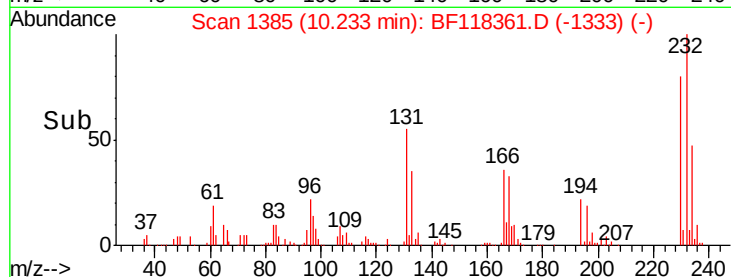
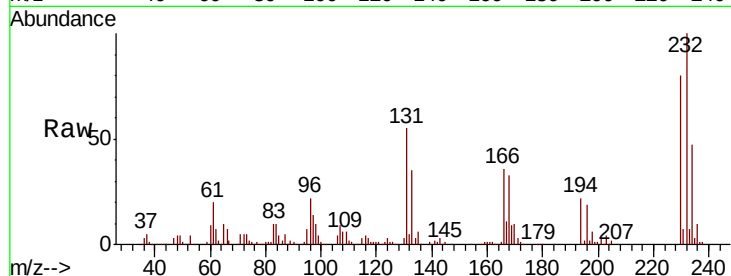
Ion Ratio Lower Upper

232 100

131 46.3 37.7 56.5

130 2.4 2.0 3.0

166 30.4 24.7 37.1

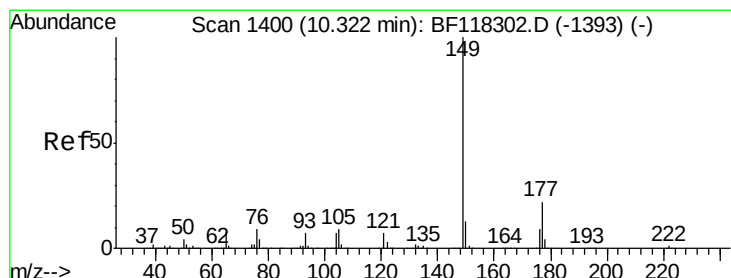
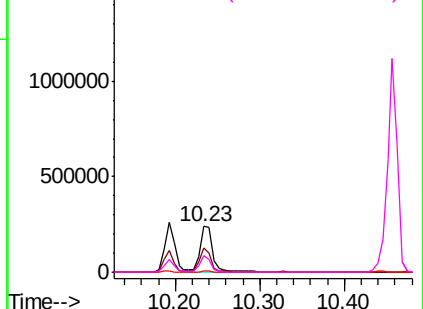


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.985 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

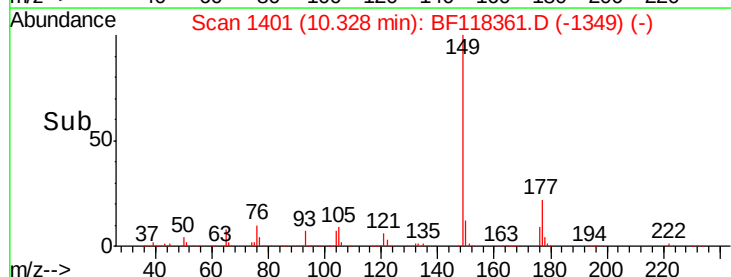
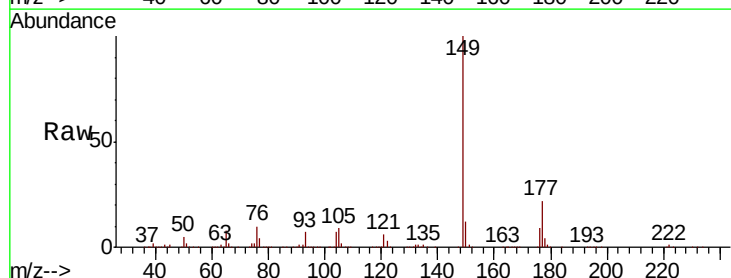
Tgt Ion:149 Resp: 1030774

Ion Ratio Lower Upper

149 100

177 22.0 17.9 26.9

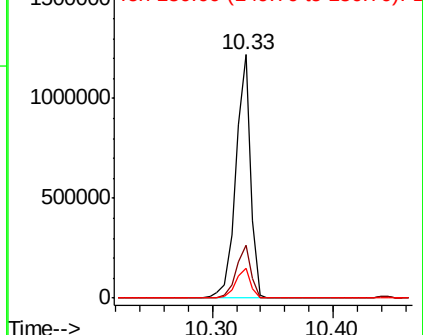
150 12.4 10.2 15.2

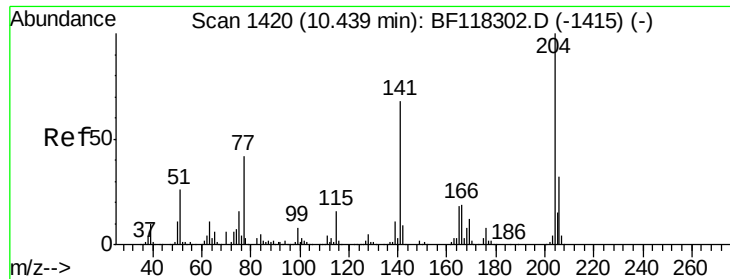


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

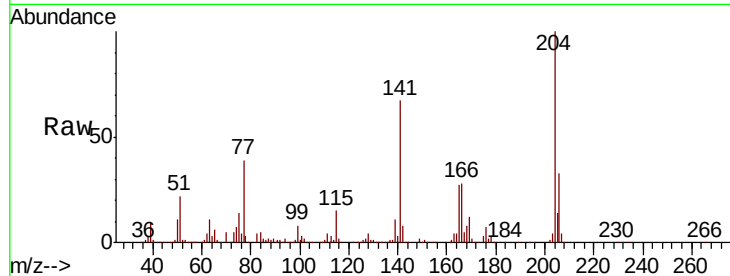




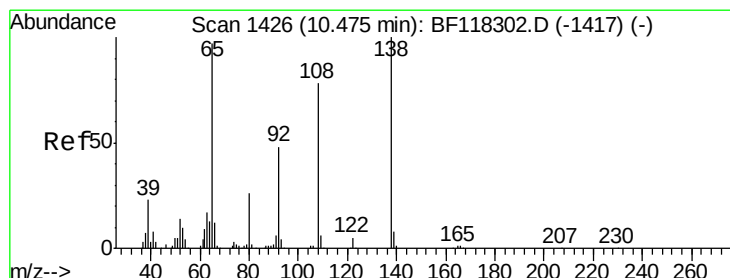
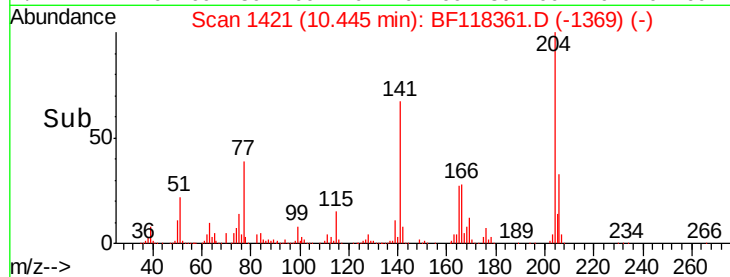
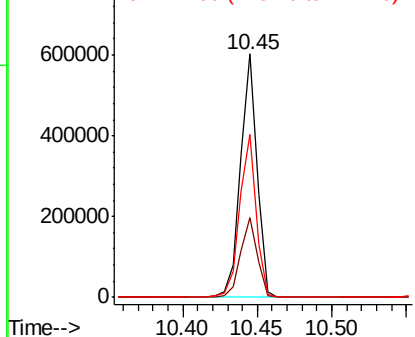
#61
 4-Chlorophenyl-phenylether
 Concen: 39.363 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	204	Resp:	467904
Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.8
141	66.9	54.2	81.4

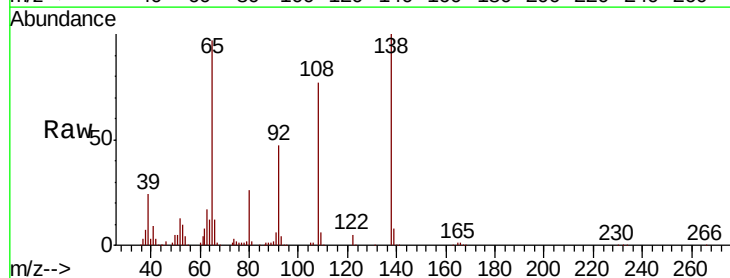


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

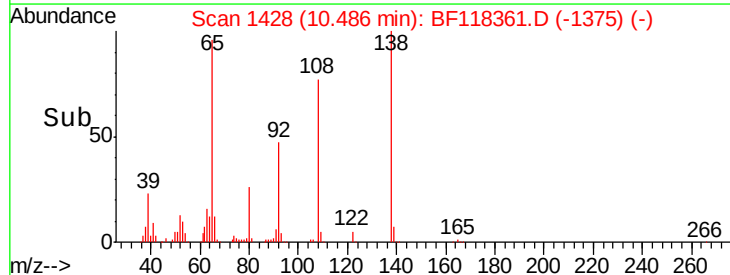
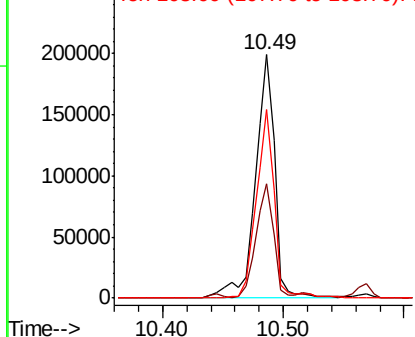


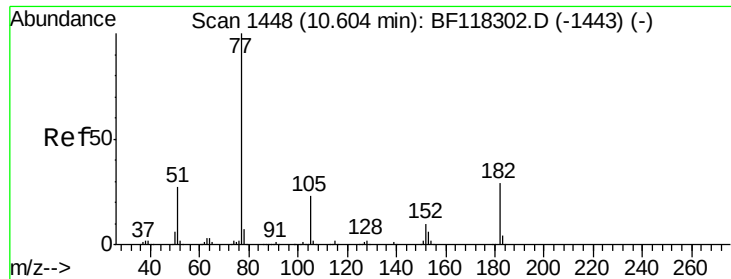
#62
 4-Nitroaniline
 Concen: 32.620 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion:	138	Resp:	223448
Ion	Ratio	Lower	Upper
138	100		
92	47.1	27.9	67.9
108	77.3	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

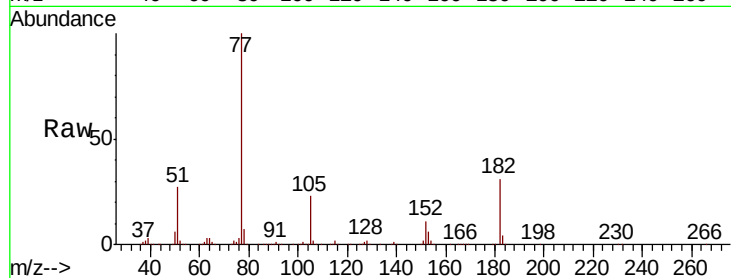




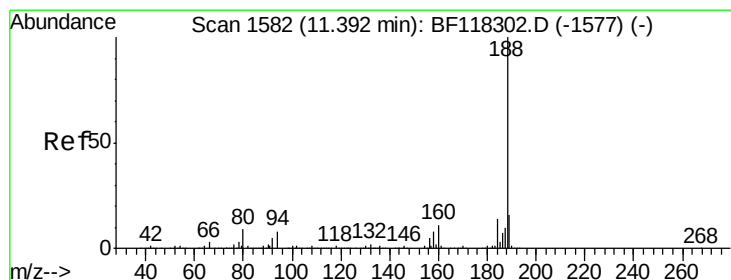
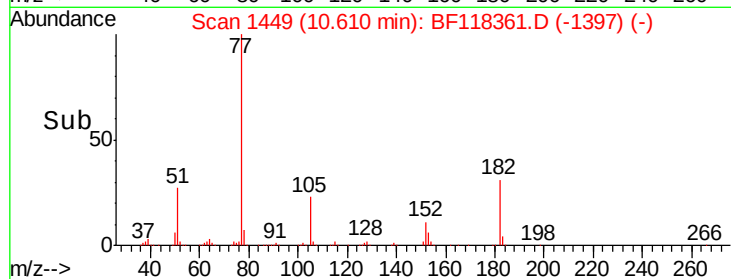
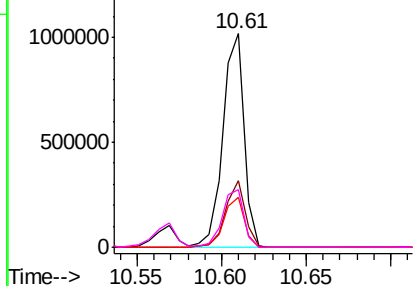
#63
Azobenzene
Concen: 40.229 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	888308
Ion	Ratio	Lower	Upper
77	100		
182	31.3	9.2	49.2
105	23.5	3.2	43.2
51	26.7	7.1	47.1

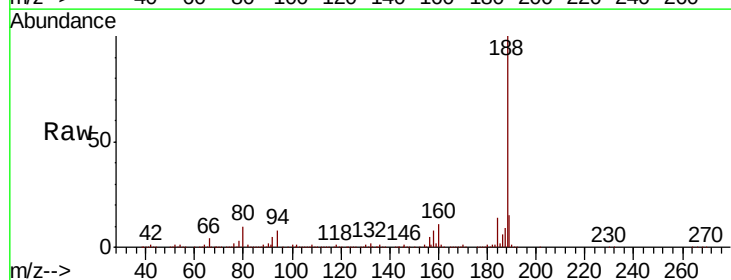


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

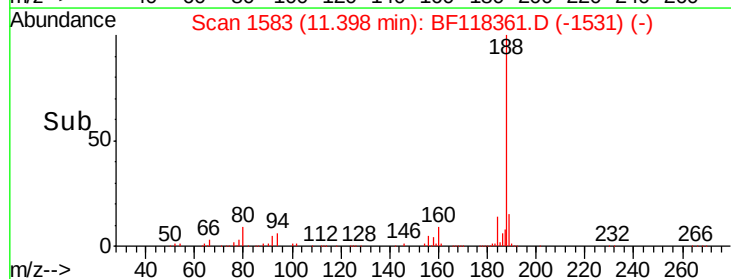
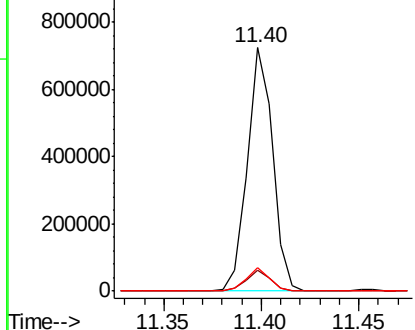


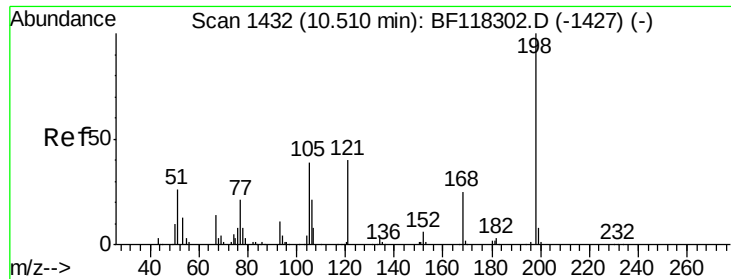
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:	188	Resp:	651052
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.6	7.2	10.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.286 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

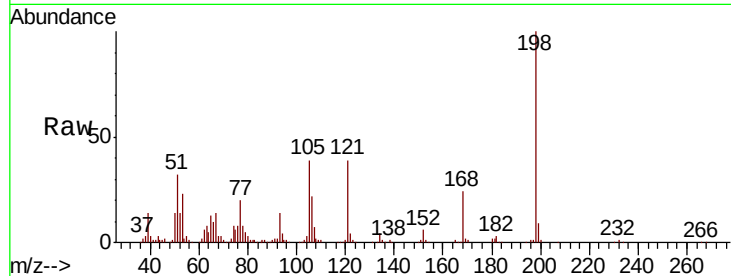
Tot Ion:198 Resp: 159054

Ion Ratio Lower Upper

198 100

51 31.8 12.8 52.8

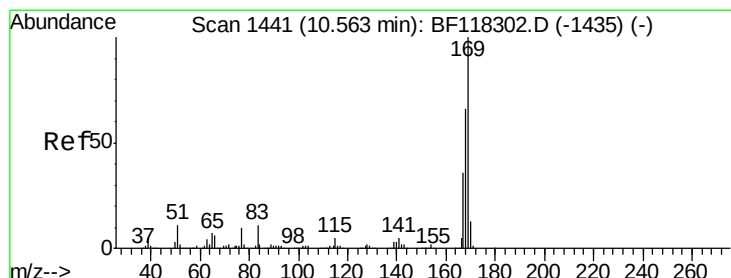
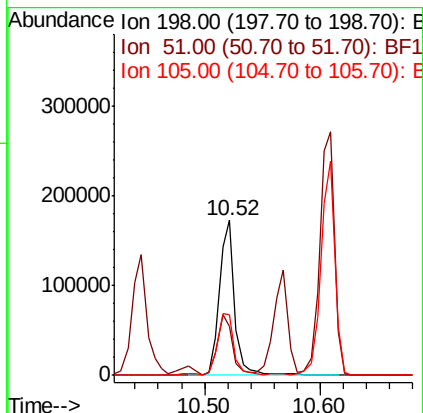
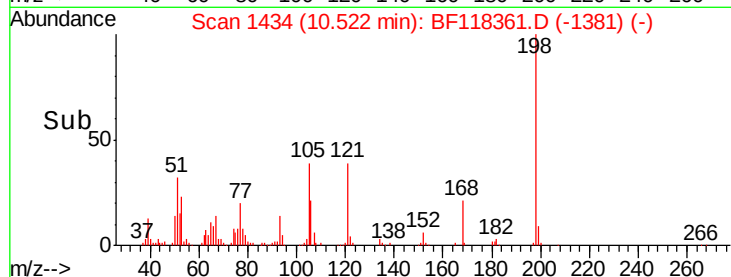
105 38.7 20.3 60.3



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: 40.033 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

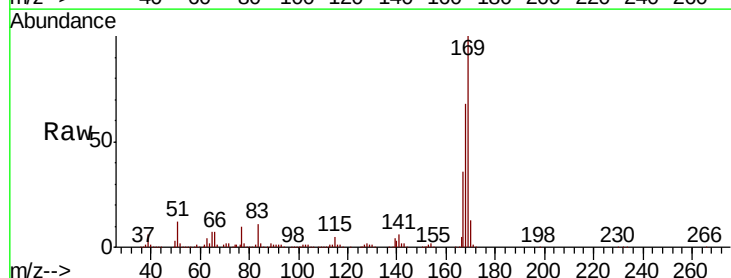
Tgt Ion:169 Resp: 835325

Ion Ratio Lower Upper

169 100

168 67.9 52.6 79.0

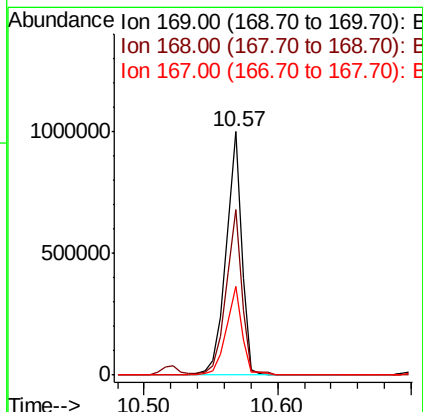
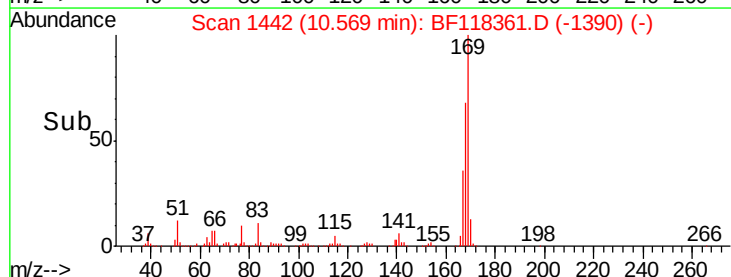
167 36.4 28.4 42.6

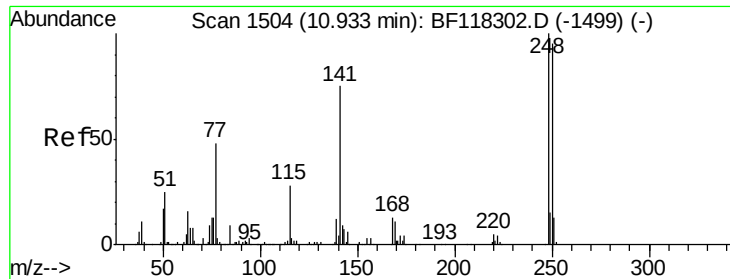


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

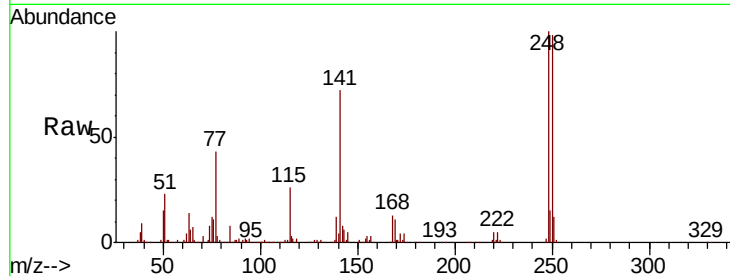




#67
4-Bromophenyl-phenylether
Concen: 39.419 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.4	114.6
141	71.5	60.2	90.2

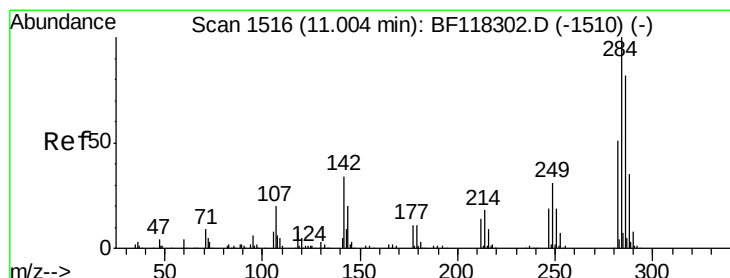
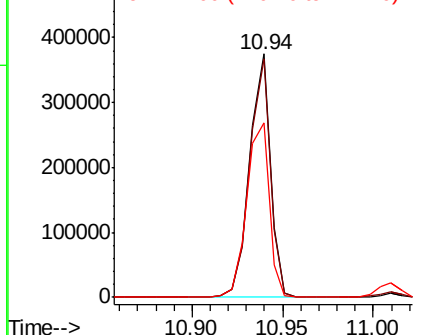
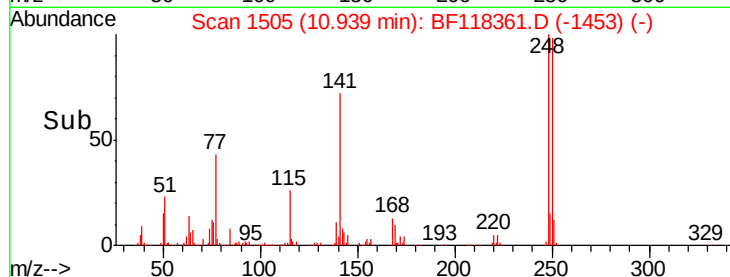


Abundance

Ion 248.00 (247.70 to 248.70): E

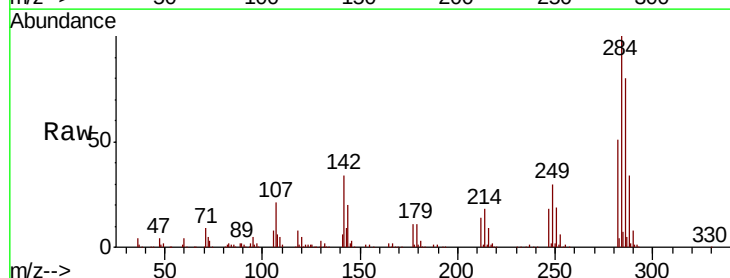
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.192 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.3	40.9
249	30.1	25.0	37.6

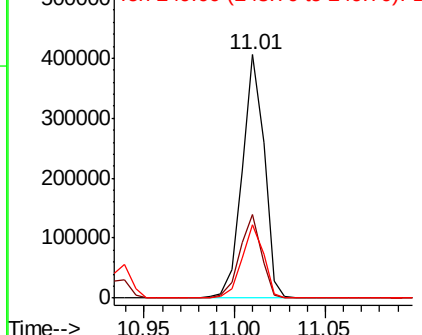
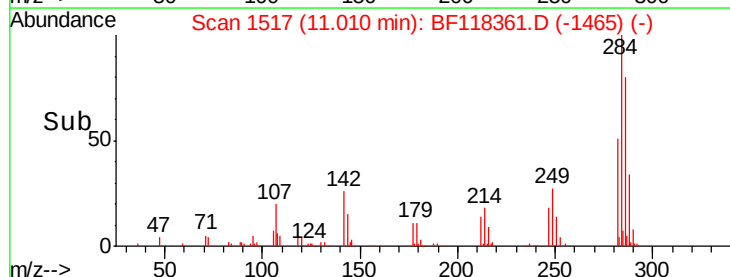


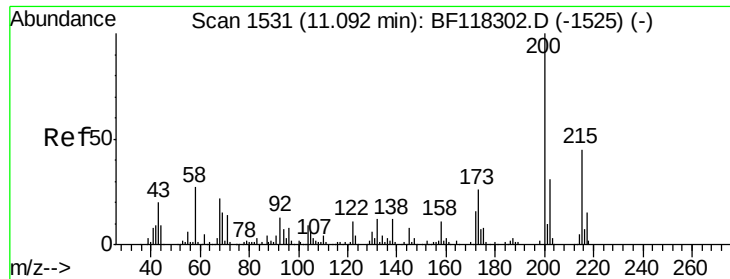
Abundance

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: 41.885 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

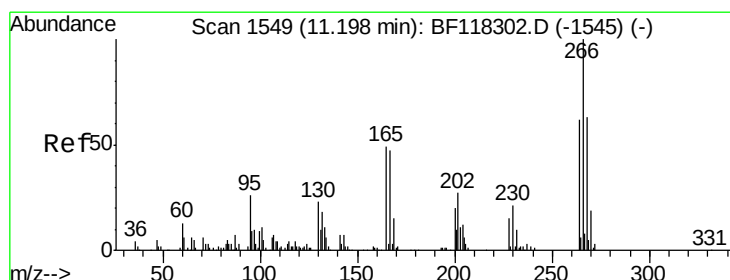
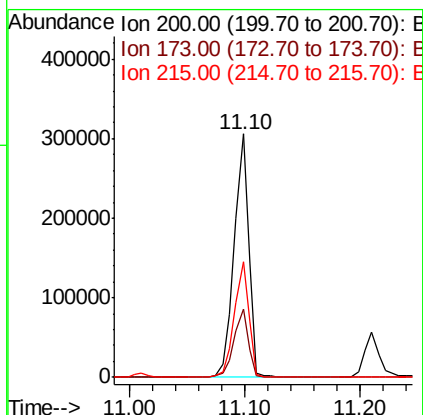
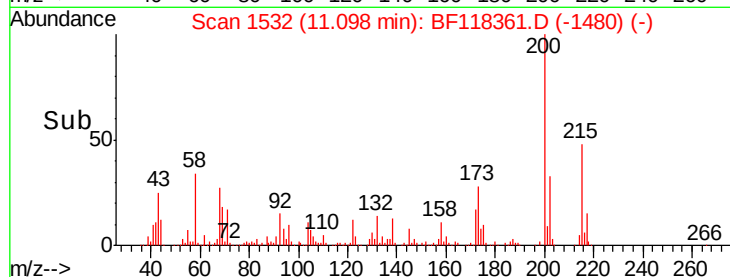
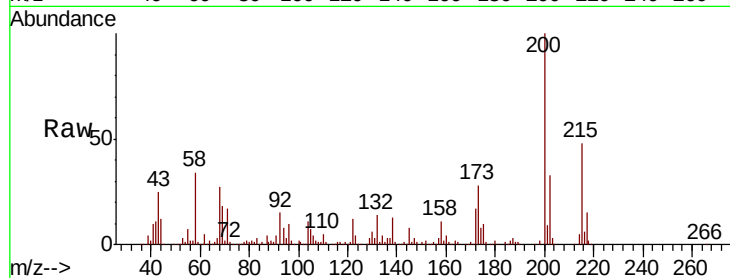
Tot Ion:200 Resp: 269740

Ion Ratio Lower Upper

200 100

173 28.2 5.8 45.8

215 47.7 25.1 65.1



#70

Pentachlorophenol

Concen: 78.155 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

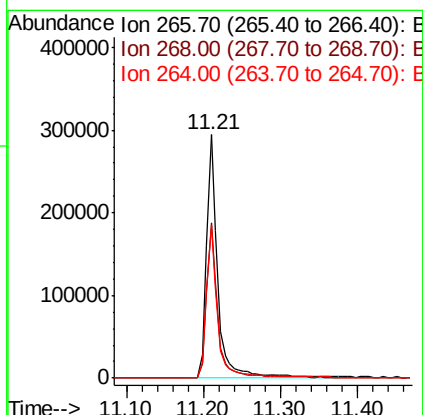
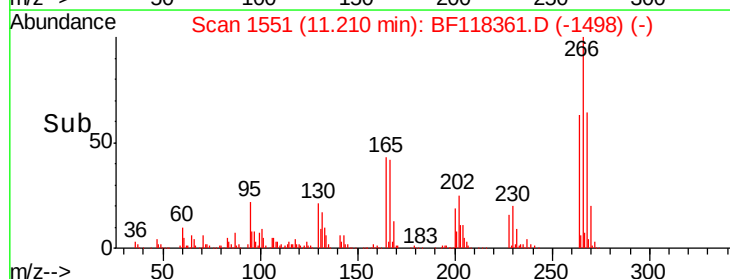
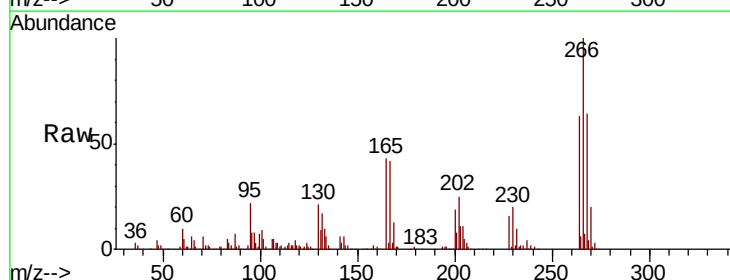
Tgt Ion:266 Resp: 303558

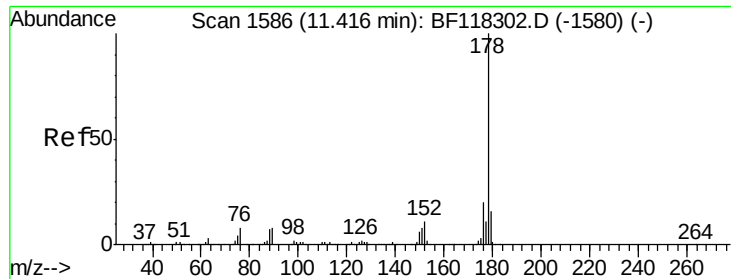
Ion Ratio Lower Upper

266 100

268 63.6 50.6 76.0

264 62.8 49.9 74.9

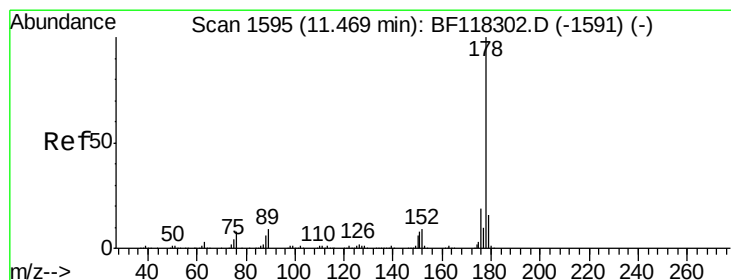
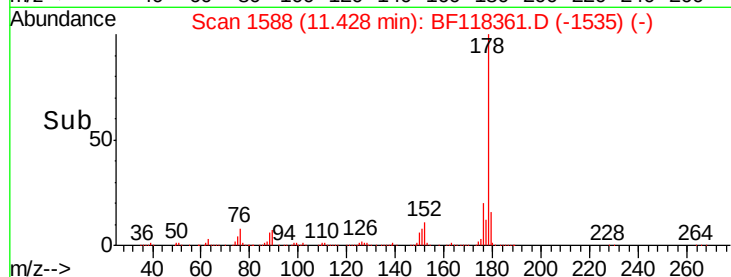
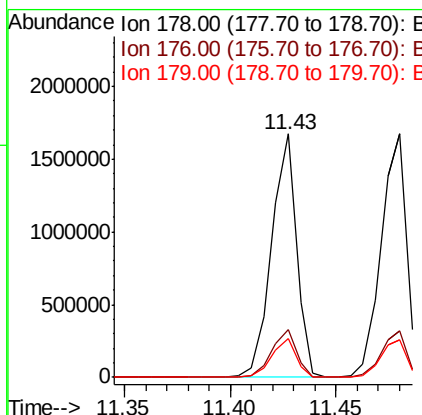
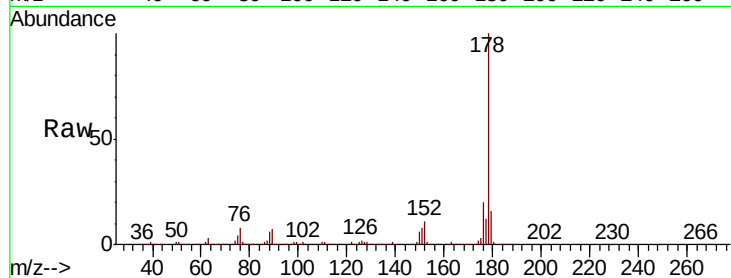




#71
Phenanthrene
Concen: 39.013 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

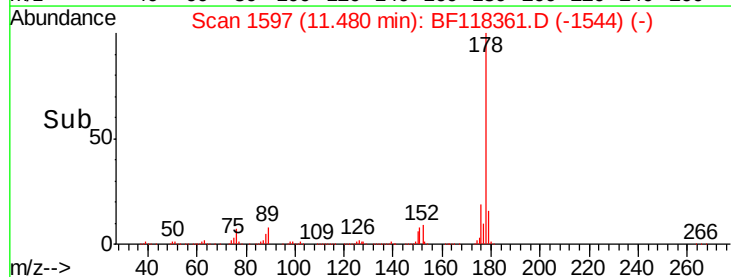
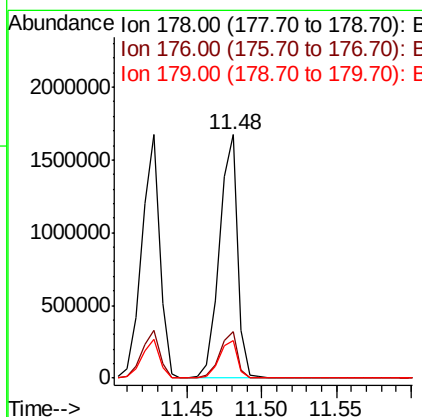
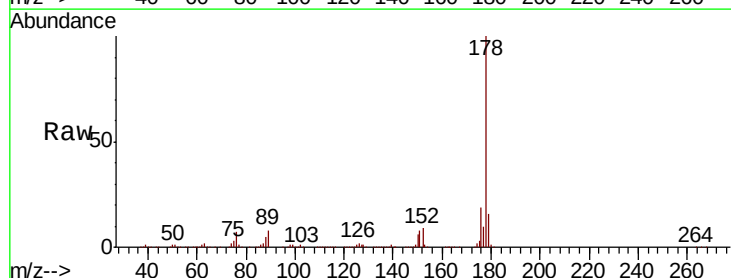
Instrument :
BNA_F
ClientSampleId :

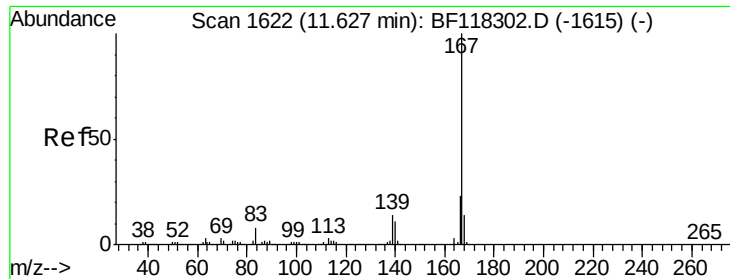
Tot Ion:178 Resp: 1384645
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.8 12.6 19.0



#72
Anthracene
Concen: 40.330 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:178 Resp: 1432755
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.6 12.9 19.3



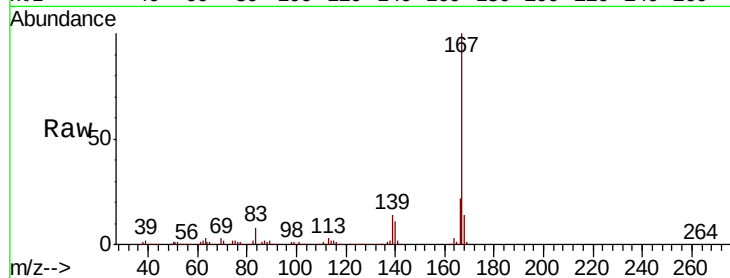


#73
 Carbazole
 Concen: 38.841 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

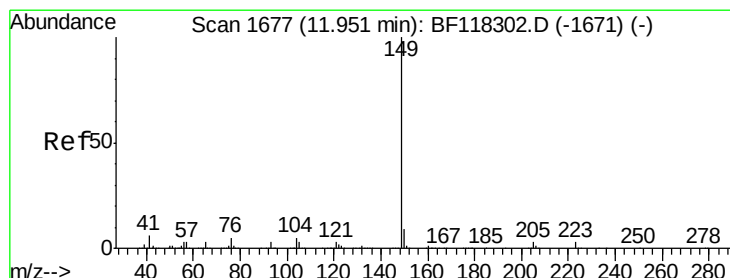
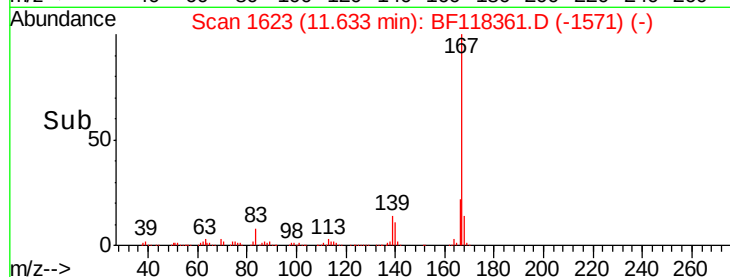
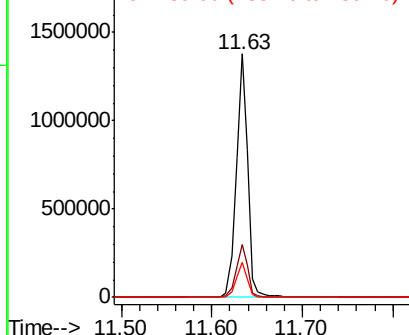
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1224379

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	14.1	11.5	17.3



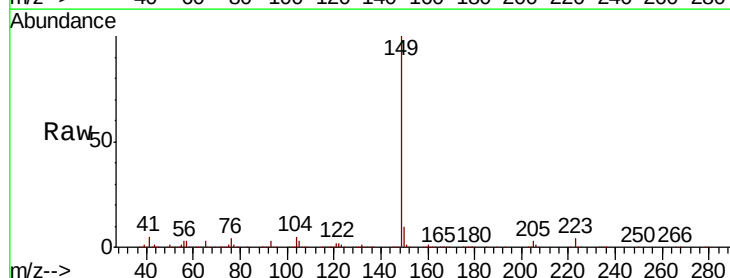
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



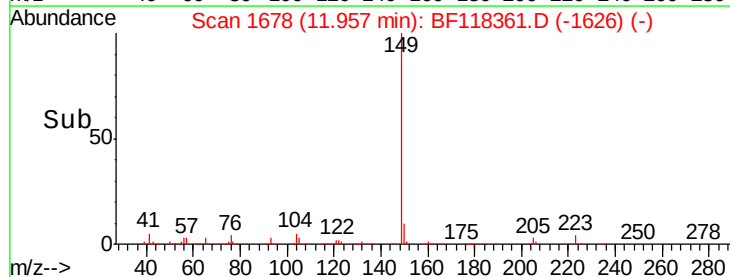
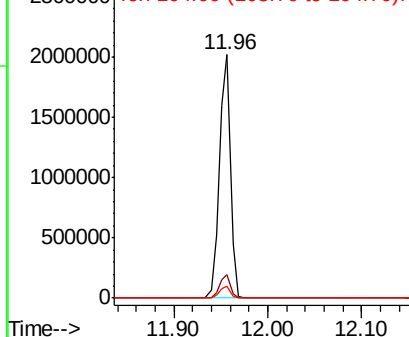
#74
 Di-n-butylphthalate
 Concen: 41.460 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

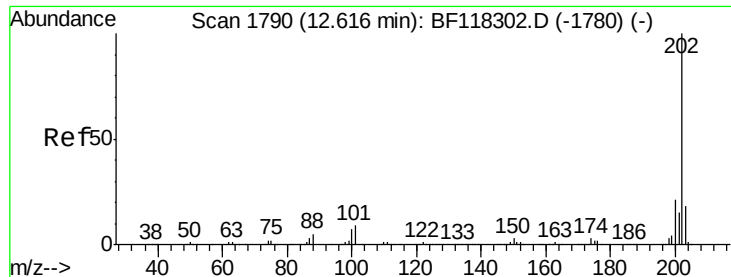
Tgt Ion:149 Resp: 1657163

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.8	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



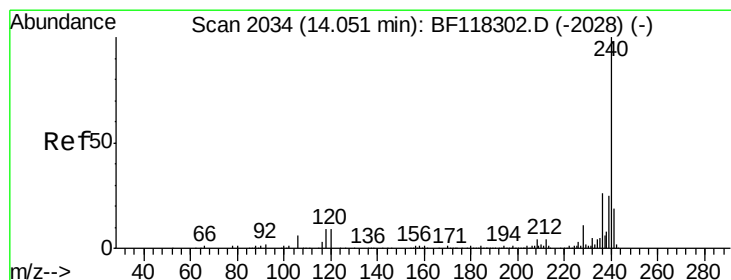
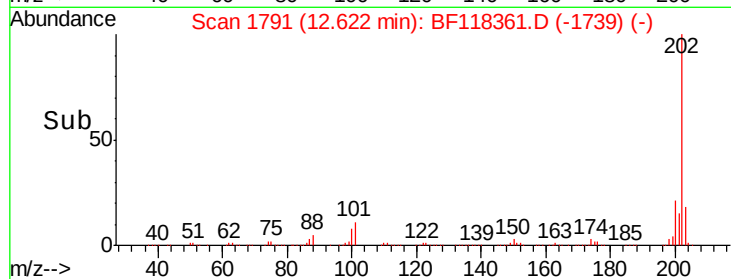
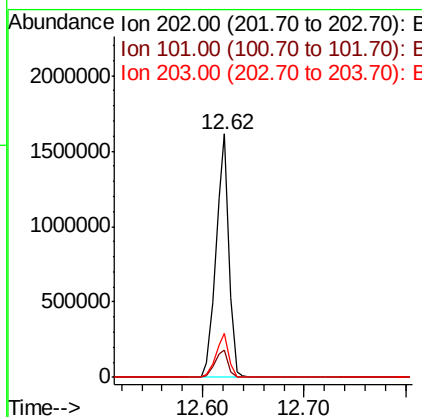
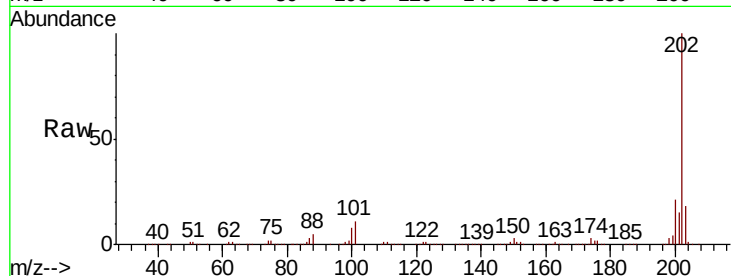


#75
 Fluoranthene
 Concen: 39.454 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1413217

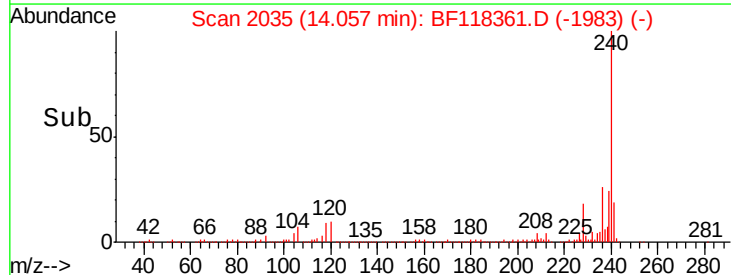
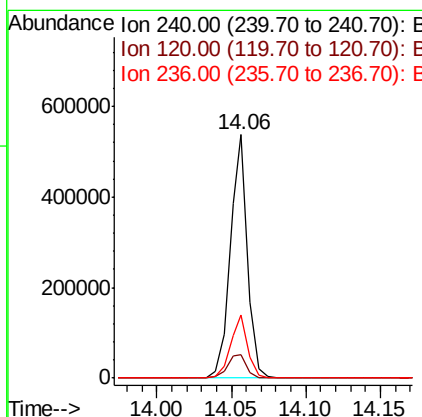
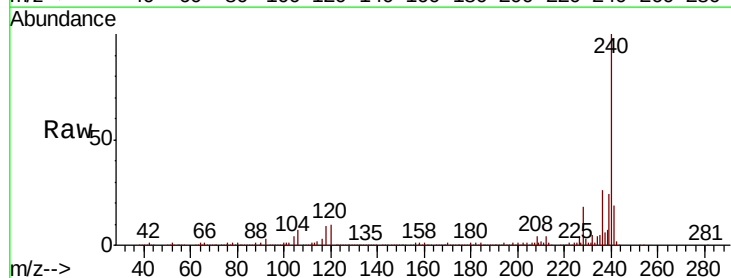
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.5
203	18.0	0.0	37.6

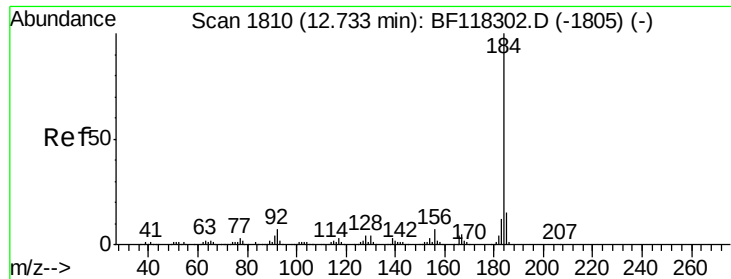


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion:240 Resp: 436676

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.1	10.7
236	25.8	21.0	31.6





#77

Benzidine

Concen: 19.537 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

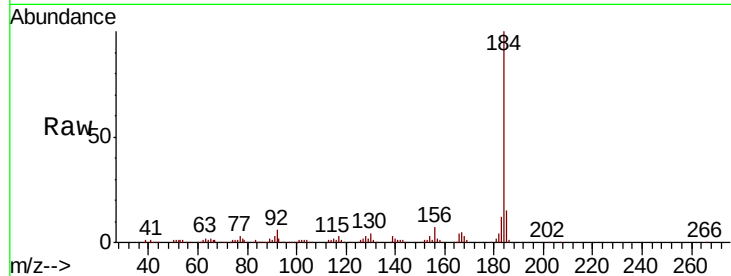
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 233760

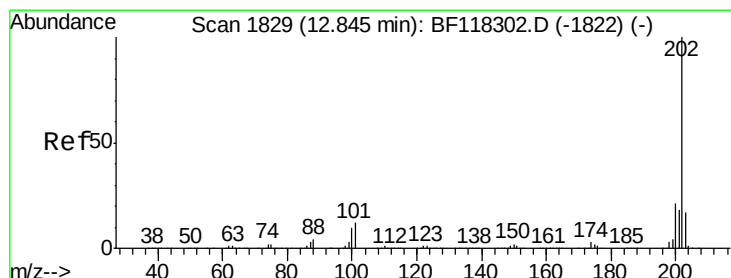
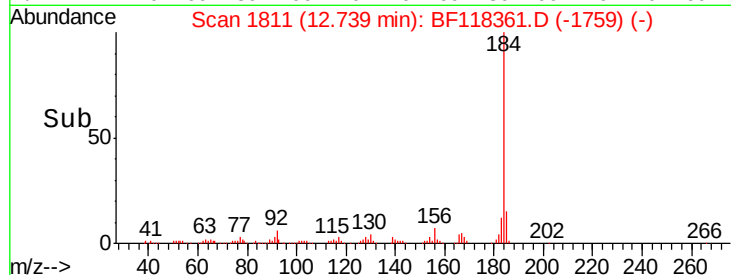
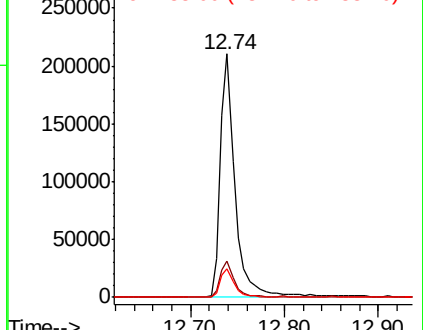
Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.3	18.5
183	11.8	9.4	14.2



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: 40.092 ng

RT: 12.85 min Scan# 1830

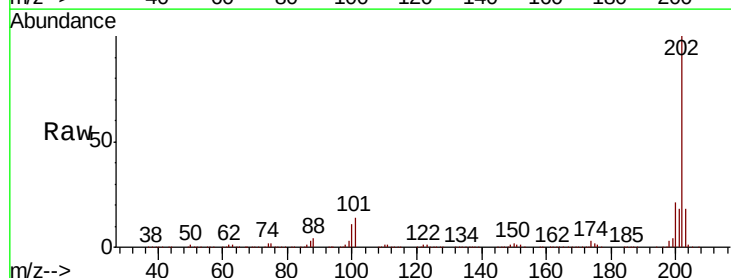
Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Tgt Ion:202 Resp: 1429668

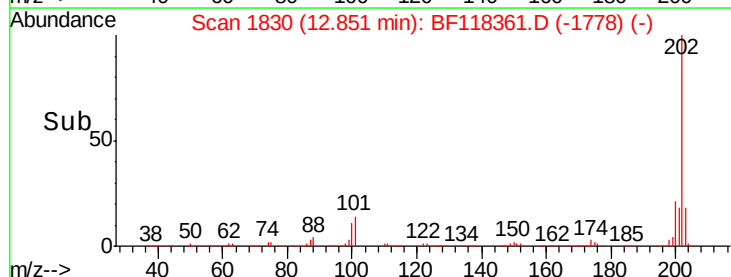
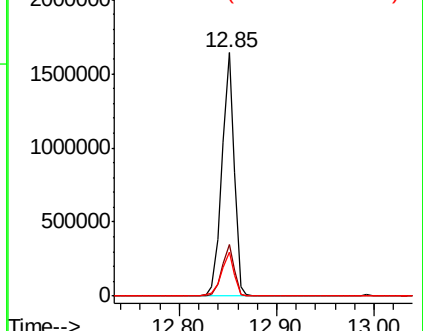
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	17.9	13.9	20.9

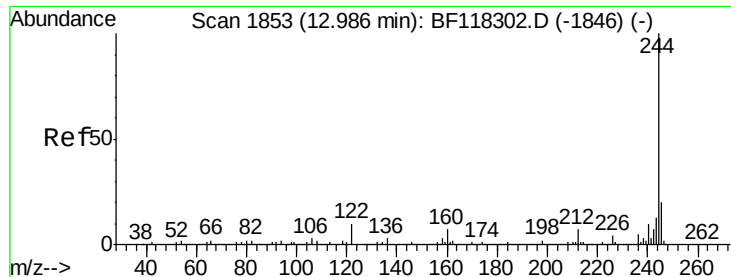


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



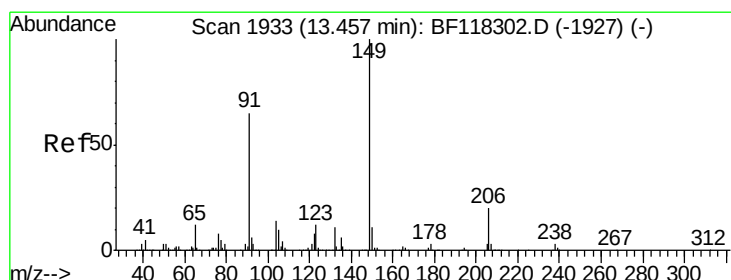
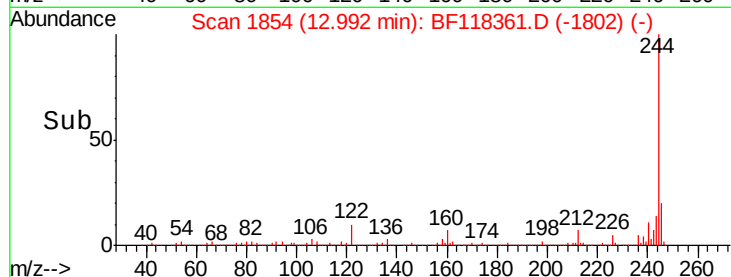
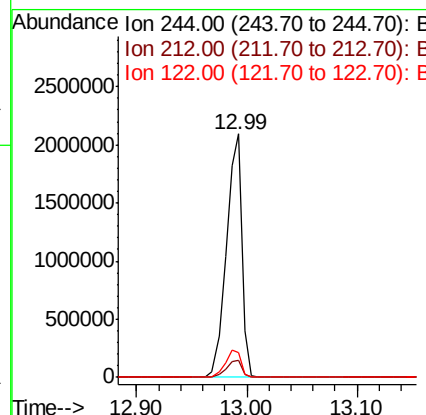
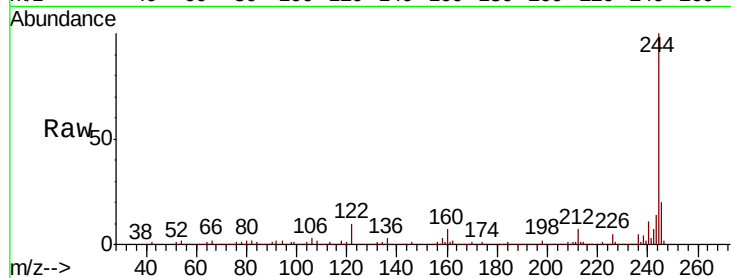


#79
 Terphenyl-d14
 Concen: 77.698 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2045109

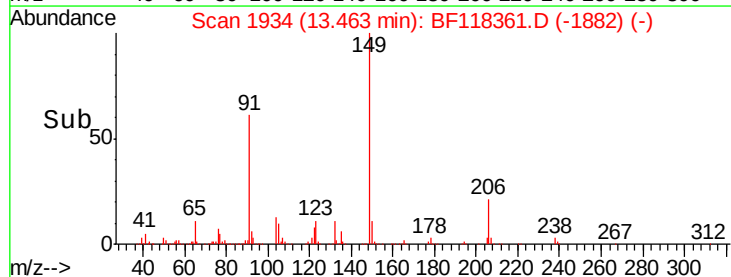
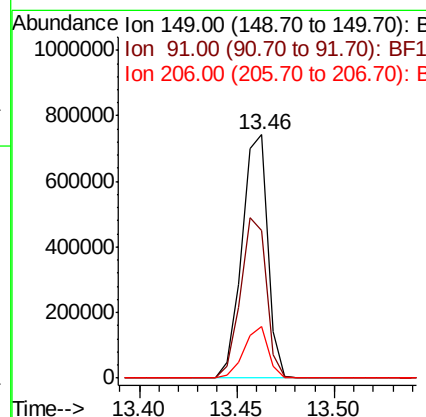
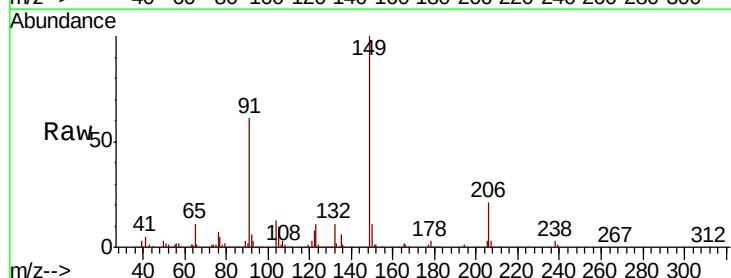
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	10.4	7.8	11.8

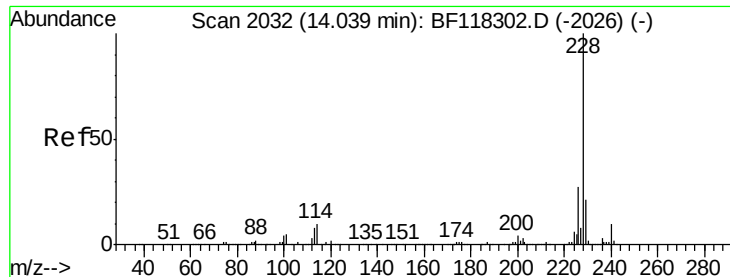


#80
 Butylbenzylphthalate
 Concen: 42.554 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118361.D
 Acq: 28 Dec 2019 13:13

Tgt Ion:149 Resp: 683252

Ion	Ratio	Lower	Upper
149	100		
91	60.9	51.8	77.6
206	21.0	15.7	23.5





#81

Benzo(a)anthracene

Concen: 39.428 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

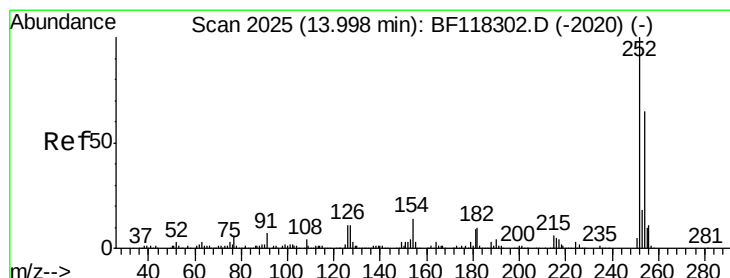
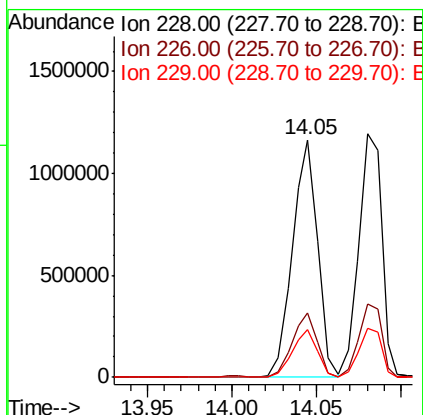
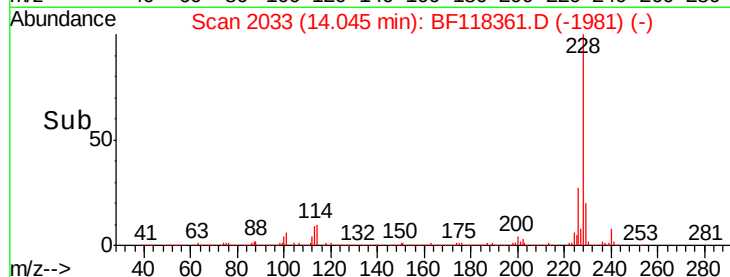
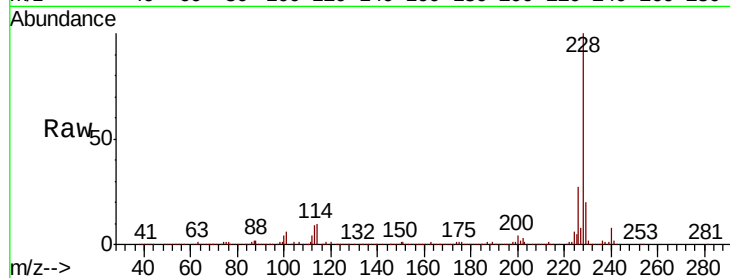
Tot Ion:228 Resp: 1205145

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

229 20.1 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 33.051 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

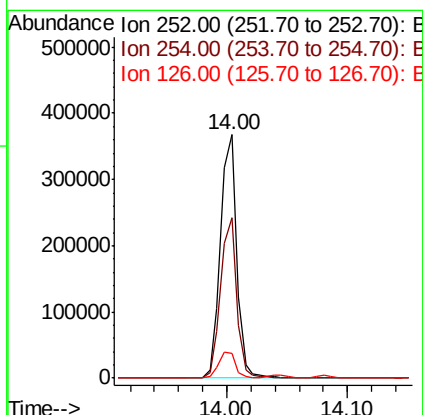
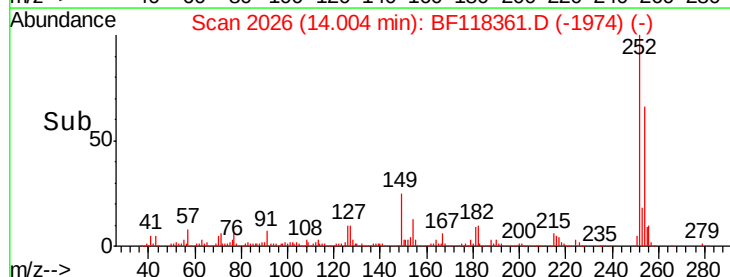
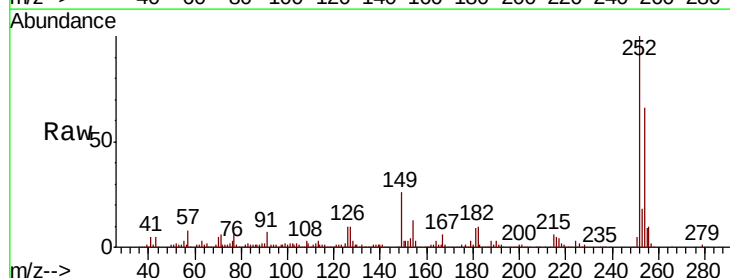
Tgt Ion:252 Resp: 342522

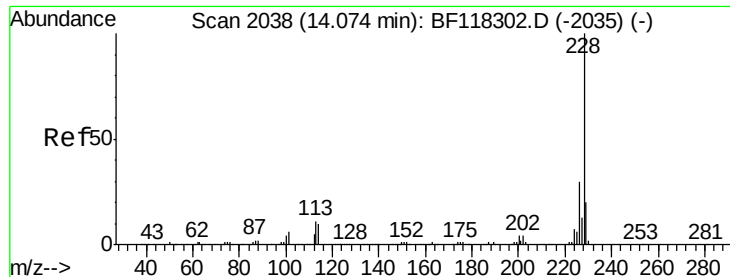
Ion Ratio Lower Upper

252 100

254 65.9 51.8 77.8

126 10.0 8.7 13.1





#83

Chrysene

Concen: 38.680 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

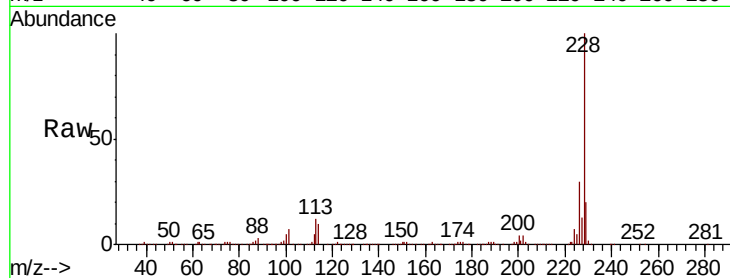
Tot Ion:228 Resp: 1132084

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

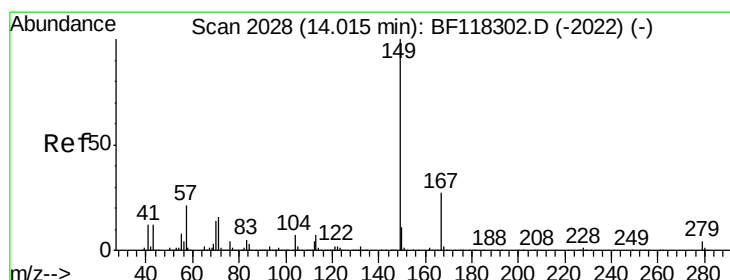
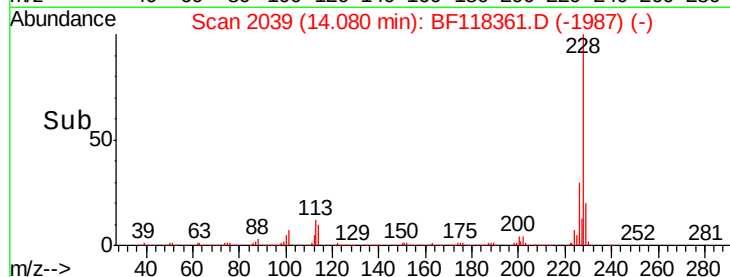
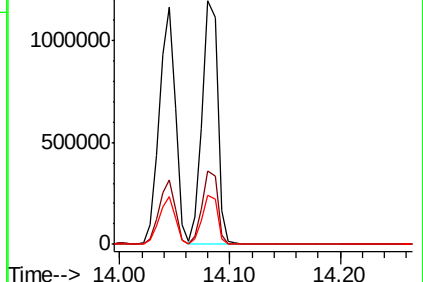
229 20.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.687 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

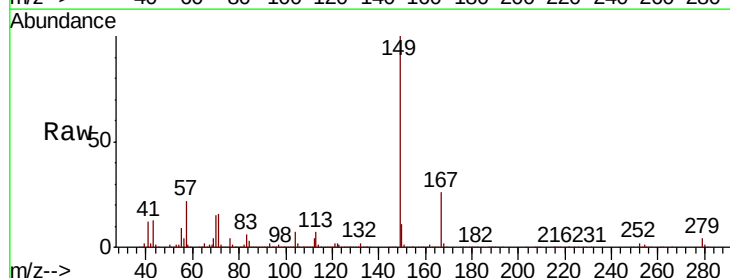
Tgt Ion:149 Resp: 985675

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

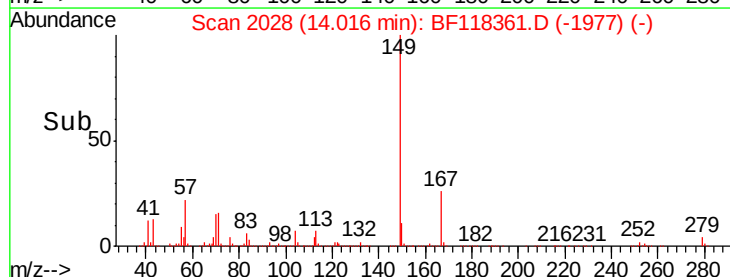
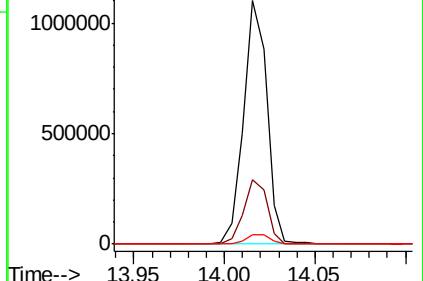
279 3.8 3.4 5.2

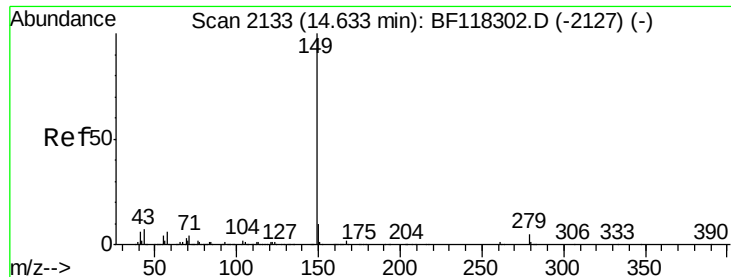


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.095 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

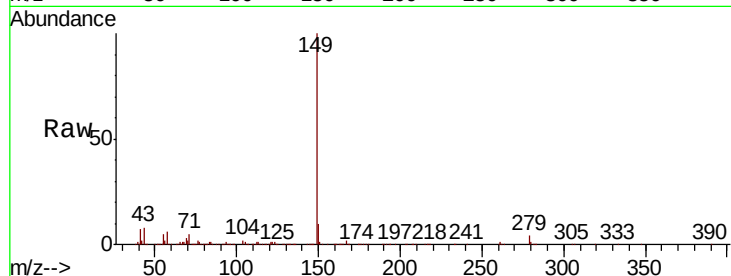
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1493631

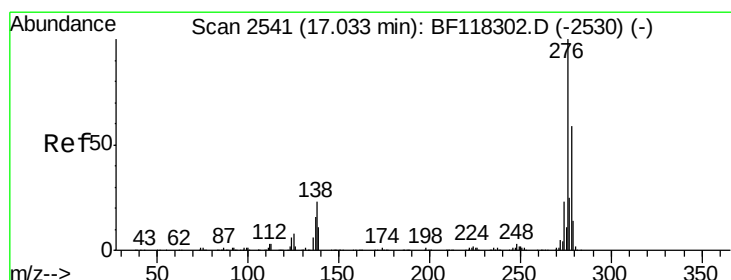
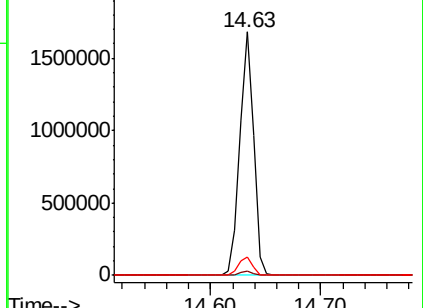
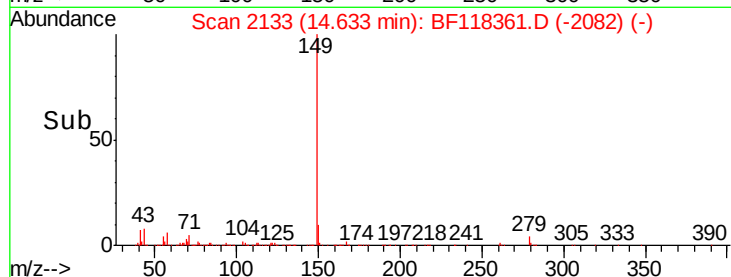
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.1	9.1



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: 34.748 ng

RT: 17.06 min Scan# 2546

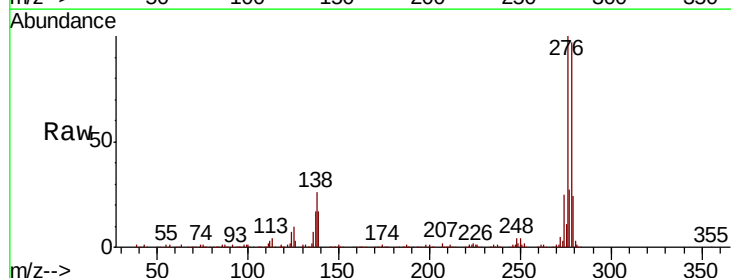
Delta R.T. 0.03 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Tgt Ion:276 Resp: 866548

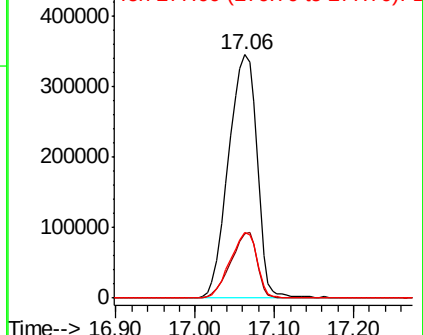
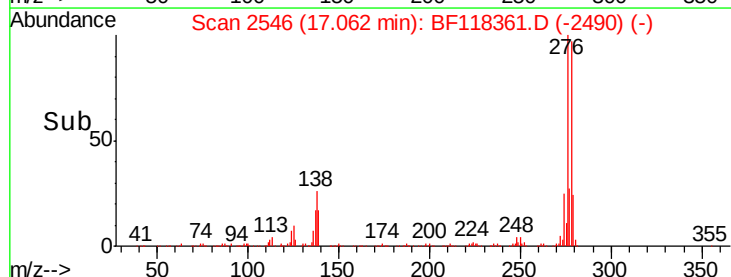
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.5	29.3
277	25.8	20.6	30.8

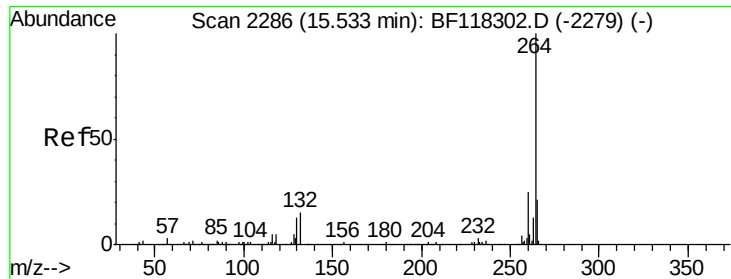


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

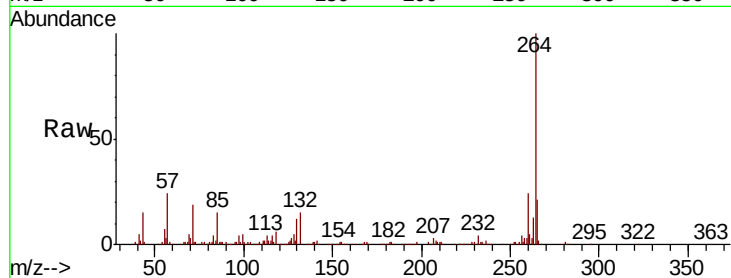
Tot Ion:264 Resp: 254695

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.1 17.0 25.4

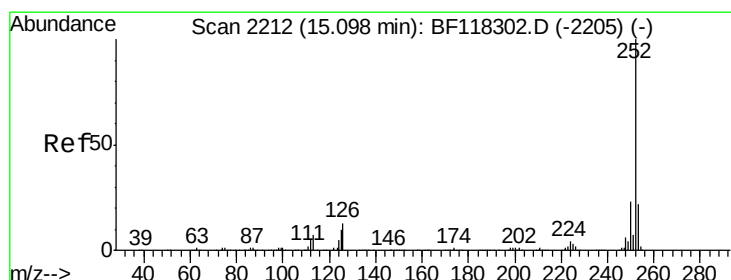
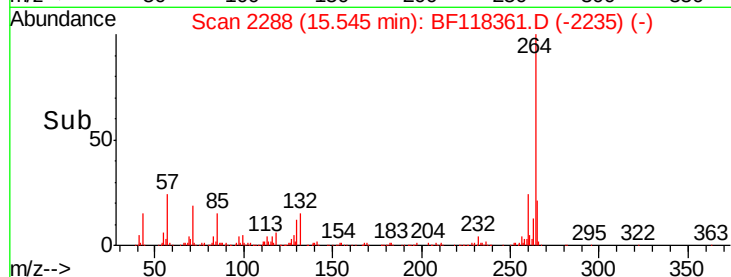
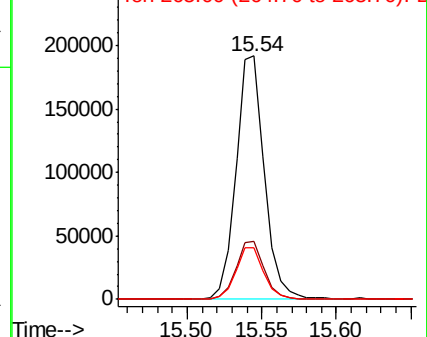


Abundance

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: 56.492 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

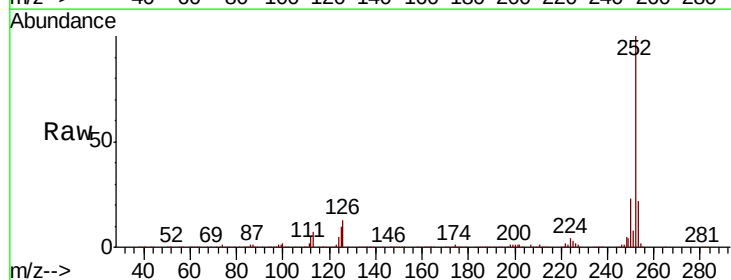
Tgt Ion:252 Resp: 955081

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.9 7.7 11.5

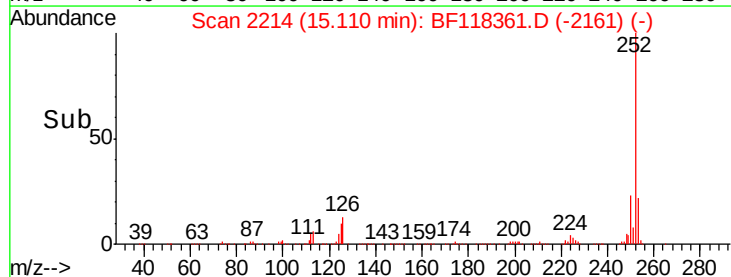
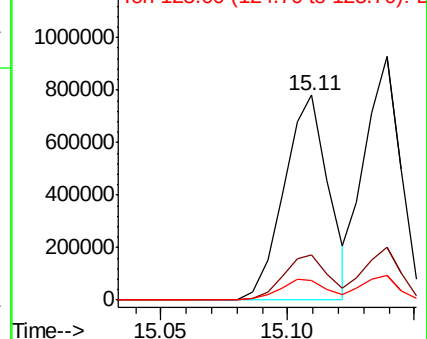


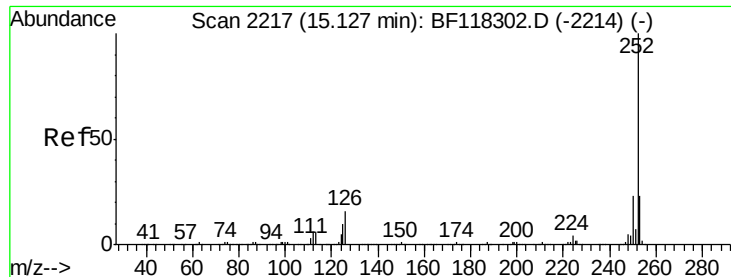
Abundance

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

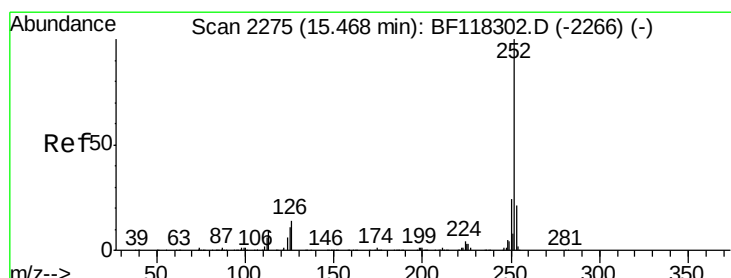
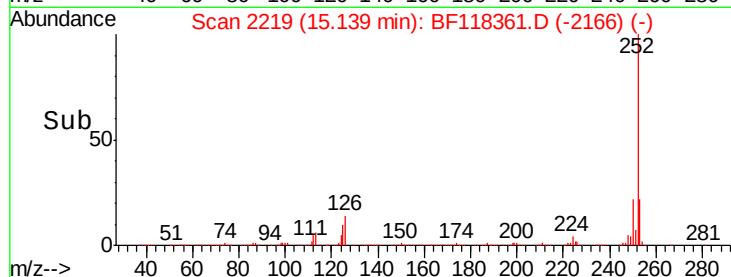
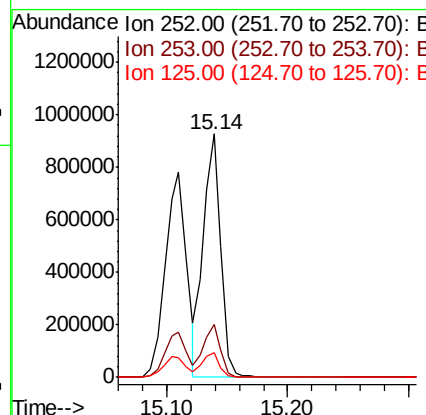
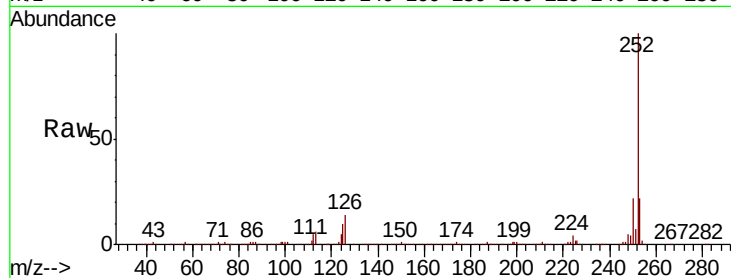




#89
Benzo(k)fluoranthene
Concen: 57.152 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

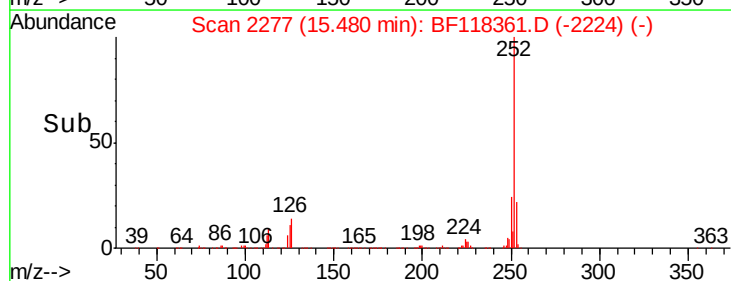
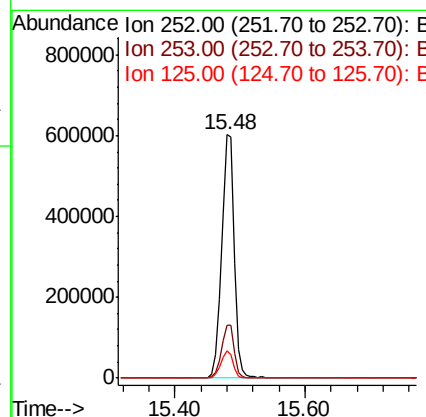
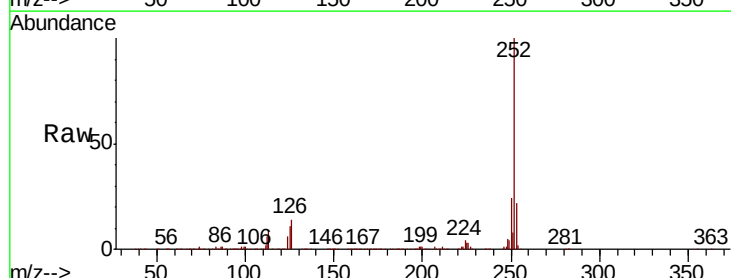
Instrument :
BNA_F
ClientSampleId :

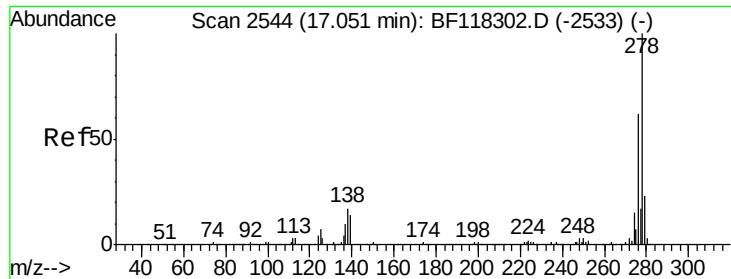
Tot Ion:252 Resp: 927763
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.0 8.0 12.0



#90
Benzo(a)pyrene
Concen: 54.145 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118361.D
Acq: 28 Dec 2019 13:13

Tgt Ion:252 Resp: 806396
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 57.237 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.02 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

Instrument :

BNA_F

ClientSampleId :

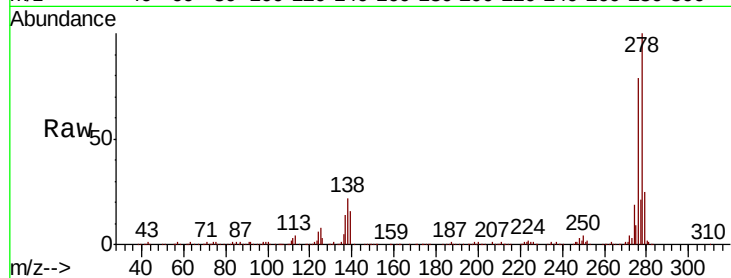
Tot Ion:278 Resp: 739743

Ion Ratio Lower Upper

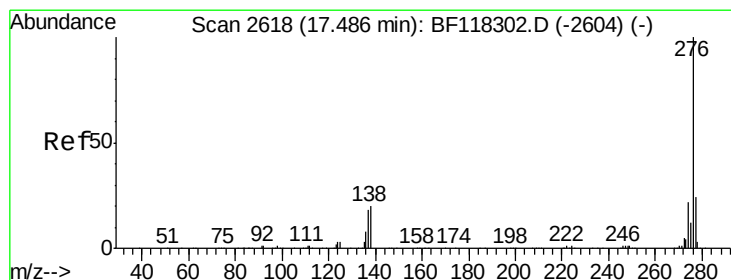
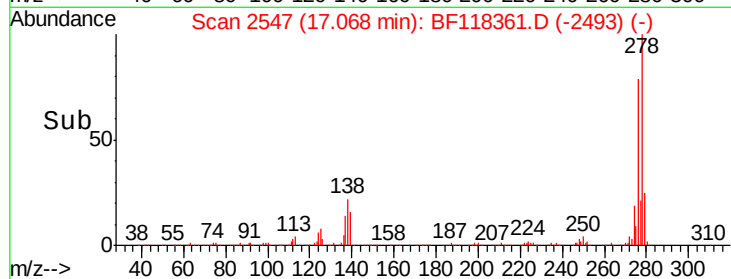
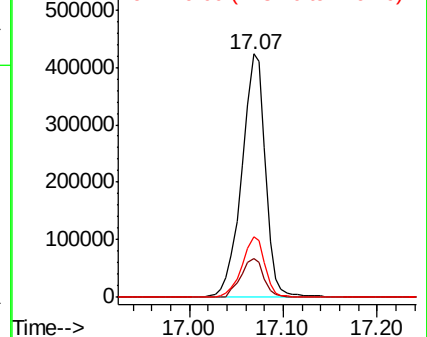
278 100

139 16.2 11.5 17.3

279 25.1 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 57.597 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.03 min

Lab File: BF118361.D

Acq: 28 Dec 2019 13:13

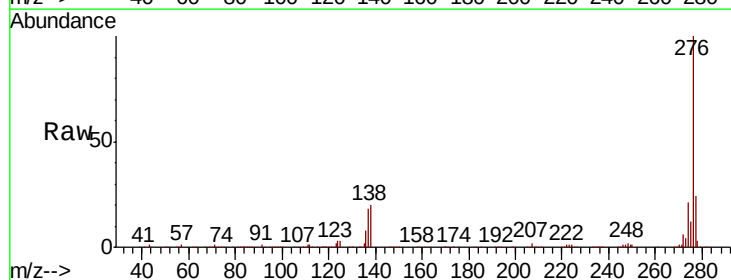
Tgt Ion:276 Resp: 719078

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 19.8 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

