

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118385.D
 Acq On : 30 Dec 2019 17:13
 Operator : JU
 Sample : K6456-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:38:30 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	140888	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	557916	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	309743	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	601309	20.00	ng	0.00
76) Chrysene-d12	14.06	240	427783	20.00	ng	0.00
87) Perylene-d12	15.54	264	398091	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1024057	124.07	ng	0.02
7) Phenol-d6	6.50	99	1313318	128.27	ng	0.01
23) Nitrobenzene-d5	7.42	82	794090	81.41	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	491535	128.50	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1668045	82.20	ng	0.00
79) Terphenyl-d14	12.99	244	2241487	86.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	126630	38.594	ng	97
3) Pyridine	3.41	79	321845	36.817	ng	97
4) n-Nitrosodimethylamine	3.36	42	154264	42.682	ng	100
6) Aniline	6.52	93	336782	25.904	ng	# 59
8) 2-Chlorophenol	6.65	128	430321	46.035	ng	99
9) Benzaldehyde	6.40	77	231912	38.633	ng	98
10) Phenol	6.51	94	513711	44.639	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	371497	45.139	ng	99
12) 1,3-Dichlorobenzene	6.79	146	459792	42.709	ng	100
13) 1,4-Dichlorobenzene	6.87	146	471397	43.109	ng	98
14) 1,2-Dichlorobenzene	7.02	146	441578	42.772	ng	98
15) Benzyl Alcohol	7.00	79	353676	45.368	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	383799	43.702	ng	81
17) 2-Methylphenol	7.12	107	340344	45.394	ng	97
18) Hexachloroethane	7.36	117	169296	42.184	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	278577	44.166	ng	96
20) 3+4-Methylphenols	7.27	107	438706	45.719	ng	97
22) Acetophenone	7.26	105	579521	42.382	ng	# 96
24) Nitrobenzene	7.44	77	420250	43.008	ng	100
25) Isophorone	7.68	82	772056	45.414	ng	99
26) 2-Nitrophenol	7.76	139	241419	46.645	ng	99
27) 2,4-Dimethylphenol	7.80	122	376929	53.377	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	483582	43.495	ng	99
29) 2,4-Dichlorophenol	8.00	162	370707	45.609	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	403072	42.572	ng	97
31) Naphthalene	8.16	128	1256035	44.294	ng	100
32) Benzoic acid	7.95	122	240464	41.233	ng	94
33) 4-Chloroaniline	8.22	127	133162	10.954	ng	96
34) Hexachlorobutadiene	8.27	225	232101	41.182	ng	98
35) Caprolactam	8.60	113	76644	30.204	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	400727	45.921	ng	97
37) 2-Methylnaphthalene	8.86	142	881188	45.387	ng	99
38) 1-Methylnaphthalene	8.96	142	832642	45.521	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	384968	41.366	ng	99

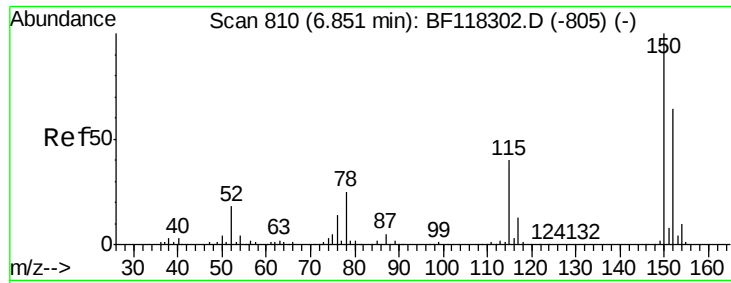
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	296301	76.102	ng	97
43) 2,4,6-Trichlorophenol	9.14	196	268132	43.126	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	286305	44.764	ng	98
46) 1,1'-Biphenyl	9.32	154	1053153	42.988	ng	99
47) 2-Chloronaphthalene	9.35	162	826969	41.941	ng	97
48) 2-Nitroaniline	9.45	65	230963	41.470	ng	99
49) Acenaphthylene	9.77	152	1307028	44.695	ng	100
50) Dimethylphthalate	9.62	163	1125738	48.418	ng	99
51) 2,6-Dinitrotoluene	9.69	165	226300	45.146	ng	99
52) Acenaphthene	9.94	154	762918	42.831	ng	99
53) 3-Nitroaniline	9.86	138	129209	21.962	ng	89
54) 2,4-Dinitrophenol	9.98	184	208873	82.472	ng	97
55) Dibenzofuran	10.11	168	1157546	43.981	ng	97
56) 4-Nitrophenol	10.05	139	319024	87.837	ng	94
57) 2,4-Dinitrotoluene	10.10	165	297451	44.409	ng	# 84
58) Fluorene	10.46	166	938320	44.164	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	250628	46.119	ng	97
60) Diethylphthalate	10.33	149	1043969	45.386	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	466796	44.012	ng	97
62) 4-Nitroaniline	10.49	138	246087	40.263	ng	99
63) Azobenzene	10.60	77	886752	45.008	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	160262	49.405	ng	99
66) n-Nitrosodiphenylamine	10.57	169	837293	43.446	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	301002	42.774	ng	94
68) Hexachlorobenzene	11.01	284	342114	41.302	ng	97
69) Atrazine	11.10	200	300736	50.562	ng	96
70) Pentachlorophenol	11.21	266	293809	81.902	ng	98
71) Phenanthrene	11.42	178	1420240	43.326	ng	100
72) Anthracene	11.47	178	1479697	45.097	ng	99
73) Carbazole	11.63	167	1278122	43.900	ng	99
74) Di-n-butylphthalate	11.95	149	1755150	47.544	ng	99
75) Fluoranthene	12.62	202	1490995	45.069	ng	99
77) Benzidine	12.74	184	755798	64.480	ng	99
78) Pyrene	12.85	202	1493268	42.747	ng	98
80) Butylbenzylphthalate	13.46	149	742055	47.178	ng	97
81) Benzo(a)anthracene	14.04	228	1312921	43.847	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	311466	30.679	ng	100
83) Chrysene	14.09	228	1246269	43.467	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	1109757	53.657	ng	99
85) Di-n-octyl phthalate	14.63	149	1741778	57.252	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1151810	47.148	ng	99
88) Benzo(b)fluoranthene	15.11	252	1135935	42.987	ng	98
89) Benzo(k)fluoranthene	15.14	252	1127732	44.446	ng	99
90) Benzo(a)pyrene	15.49	252	1008418	43.320	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	987126	48.866	ng	99
92) Benzo(g,h,i)perylene	17.52	276	950801	48.725	ng	98

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

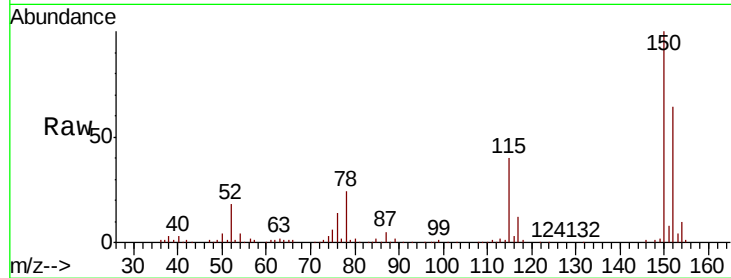


#1

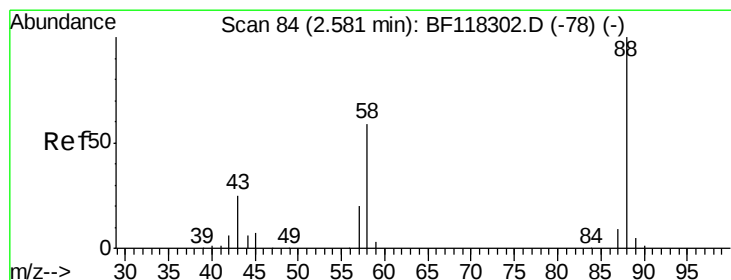
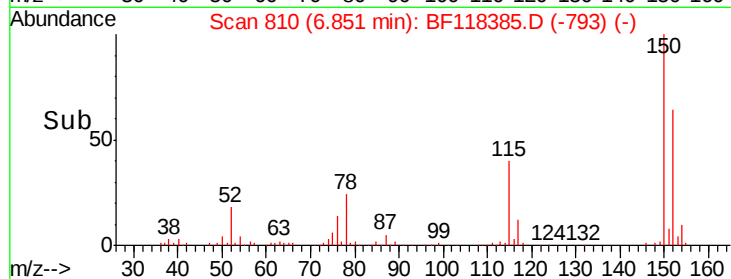
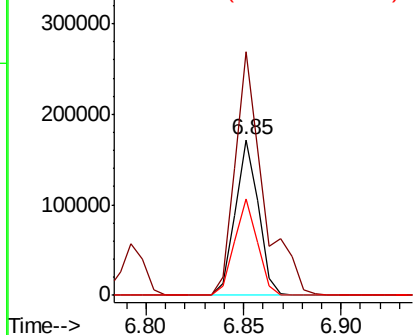
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140888
Ion Ratio Lower Upper
152 100
150 156.6 125.4 188.2
115 62.3 50.2 75.4



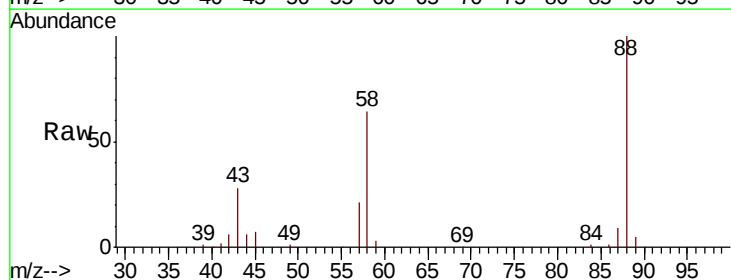
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



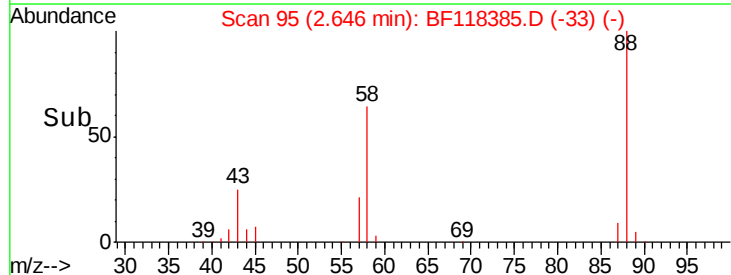
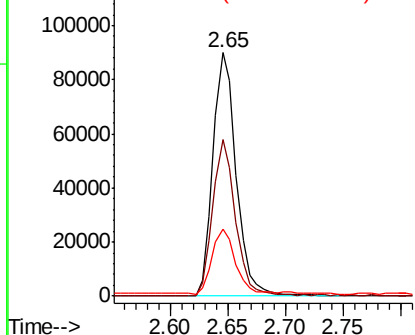
#2

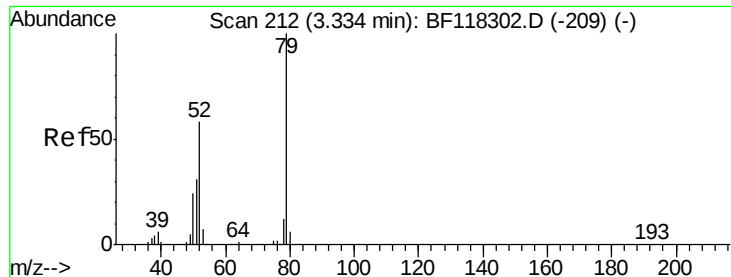
1,4-Dioxane
Concen: 38.594 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.06 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion: 88 Resp: 126630
Ion Ratio Lower Upper
88 100
58 62.8 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: 36.817 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.08 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

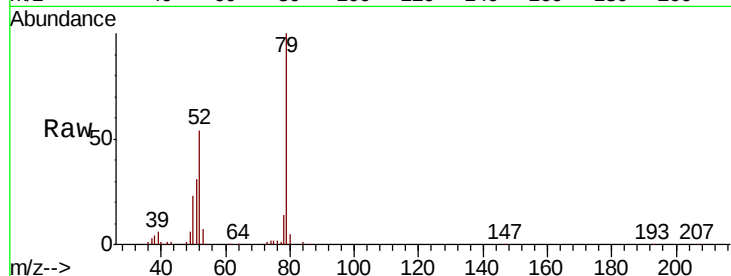
Tot Ion: 79 Resp: 321845

Ion Ratio Lower Upper

79 100

52 54.2 46.4 69.6

51 31.4 24.9 37.3



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

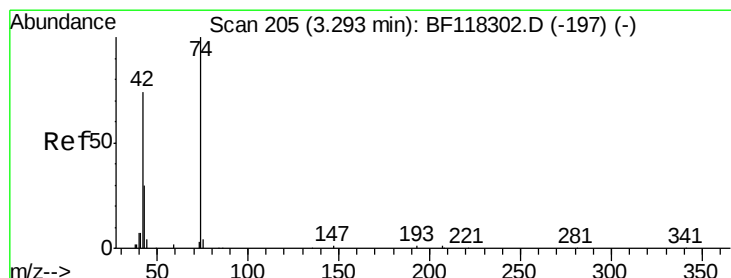
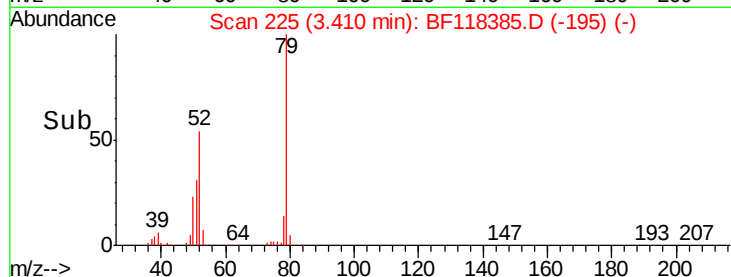
150000

100000

50000

0

Time--> 3.30 3.40 3.50 3.60 3.70



#4

n-Nitrosodimethylamine

Concen: 42.682 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.07 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

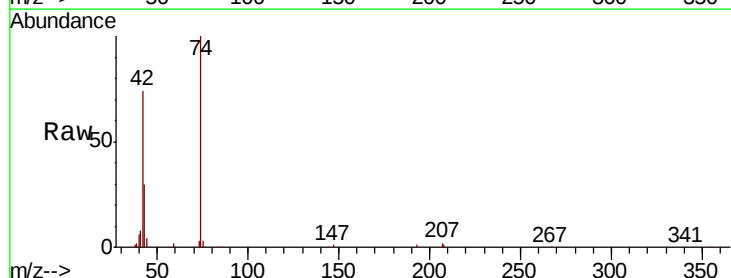
Tgt Ion: 42 Resp: 154264

Ion Ratio Lower Upper

42 100

74 135.0 107.7 161.5

44 5.8 4.8 7.2



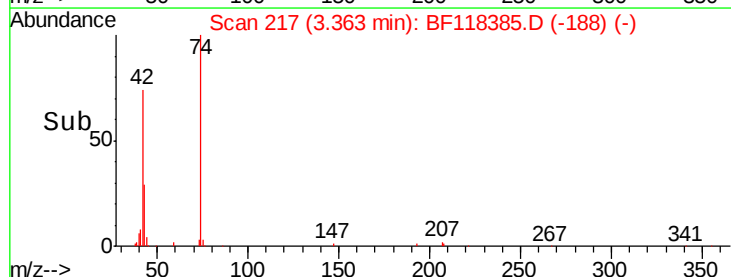
Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

100000

50000

0

Time--> 3.30 3.40 3.50





#5

2-Fluorophenol

Concen: 124.074 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

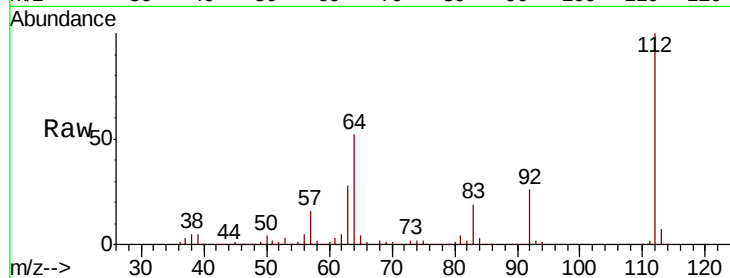
Tot Ion:112 Resp: 1024057

Ion Ratio Lower Upper

112 100

64 51.5 39.7 59.5

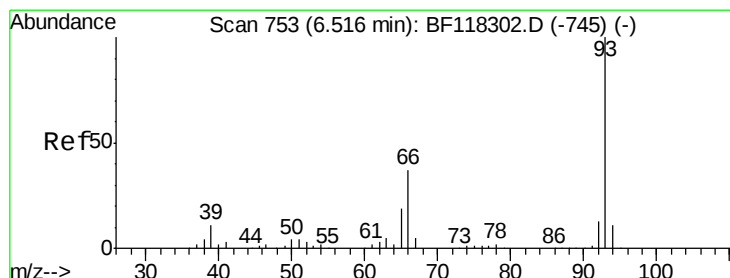
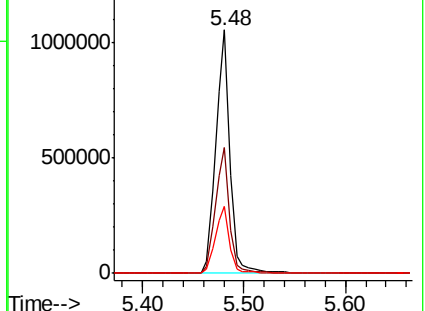
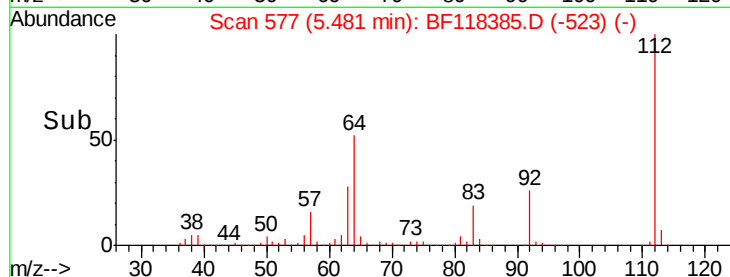
63 27.7 21.7 32.5



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: 25.904 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

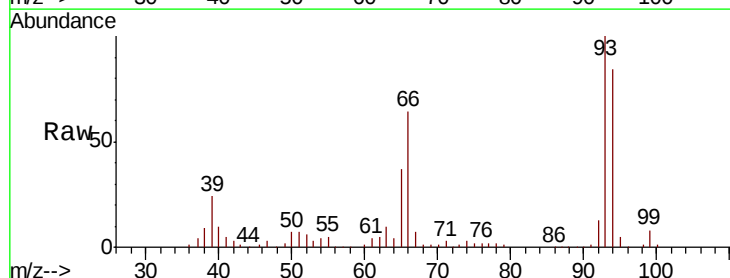
Tgt Ion: 93 Resp: 336782

Ion Ratio Lower Upper

93 100

66 63.6 30.2 45.4#

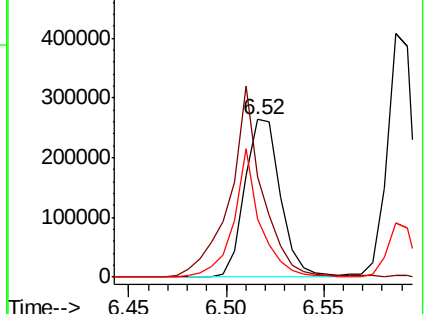
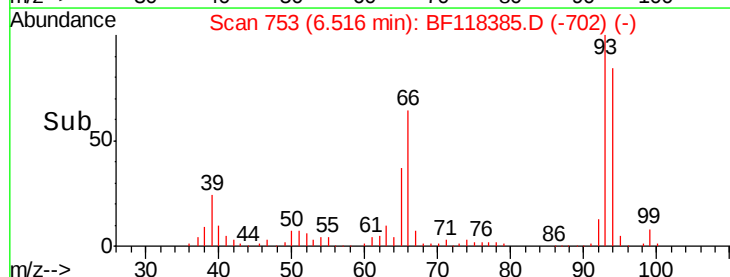
65 37.1 15.7 23.5#

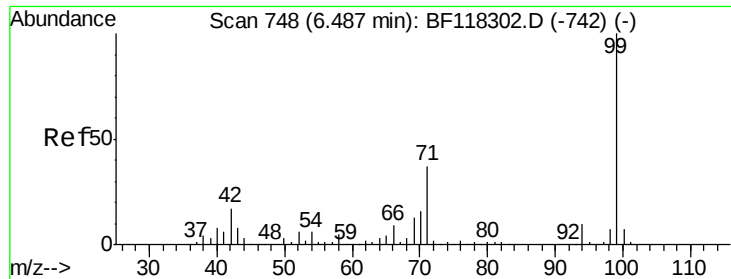


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.269 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampled :

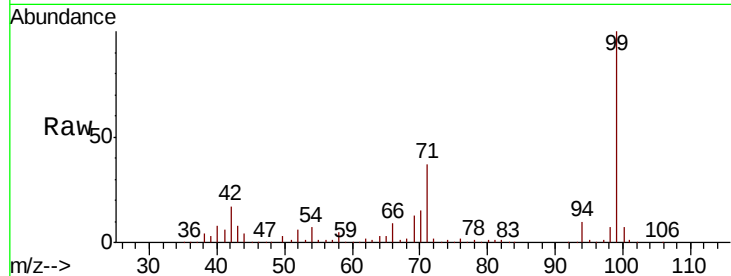
Tot Ion: 99 Resp: 1313318

Ion Ratio Lower Upper

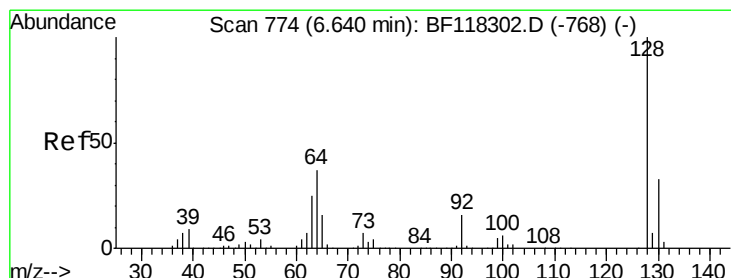
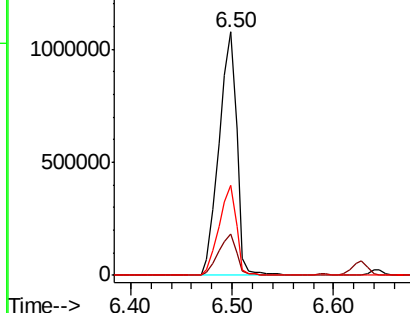
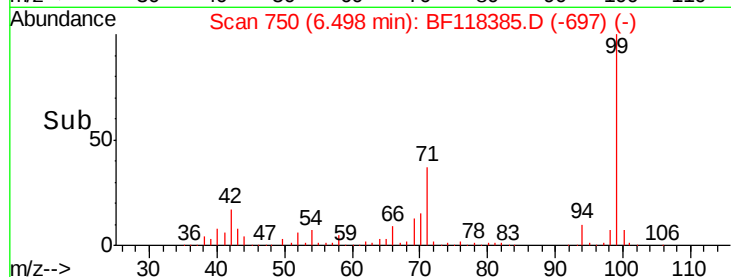
99 100

42 16.9 13.5 20.3

71 36.8 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.035 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

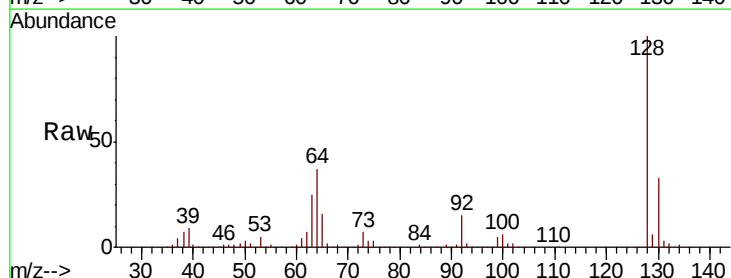
Tgt Ion: 128 Resp: 430321

Ion Ratio Lower Upper

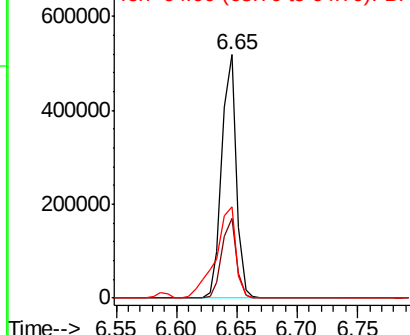
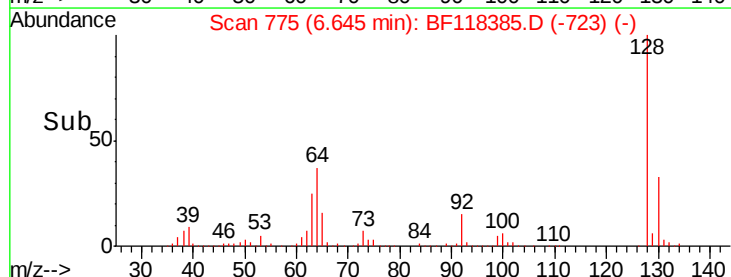
128 100

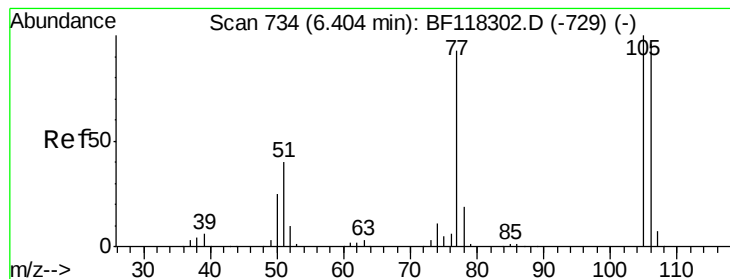
130 32.5 13.2 53.2

64 37.4 17.7 57.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.633 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

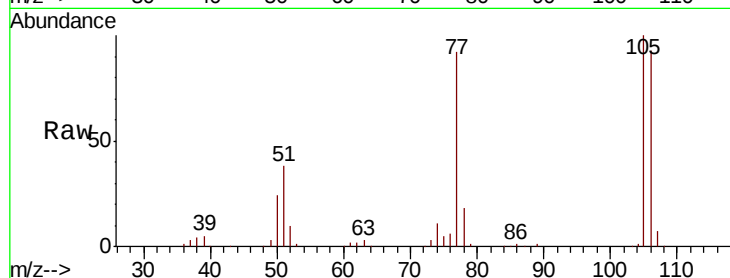
Tot Ion: 77 Resp: 231912

Ion Ratio Lower Upper

77 100

105 108.5 87.5 127.5

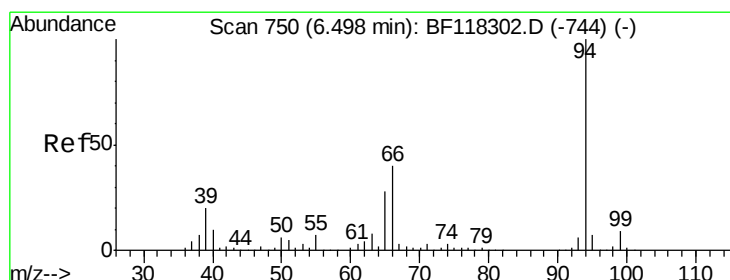
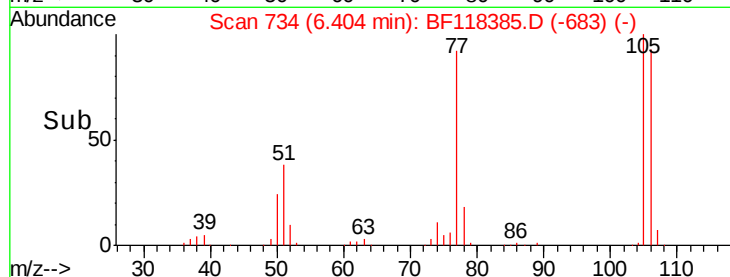
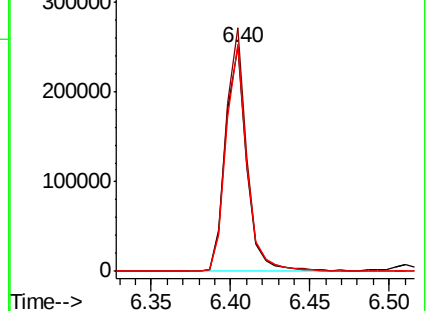
106 101.3 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.639 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

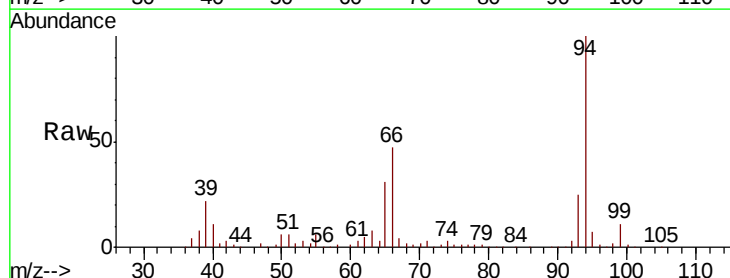
Tgt Ion: 94 Resp: 513711

Ion Ratio Lower Upper

94 100

65 31.4 7.8 47.8

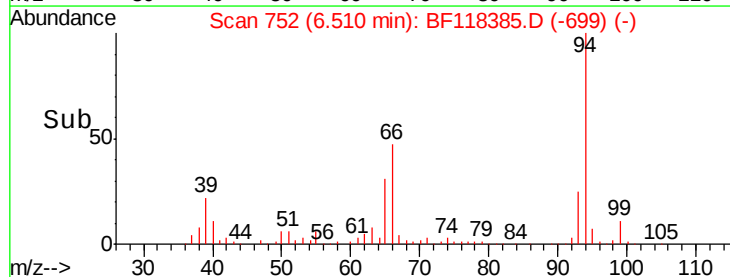
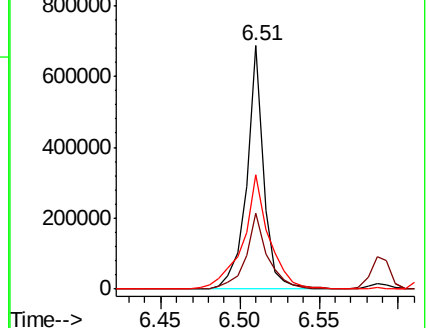
66 46.7 20.4 60.4

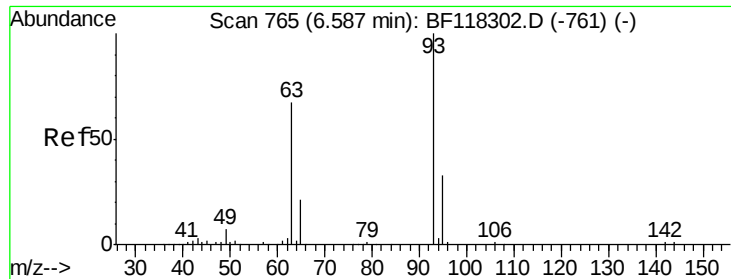


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

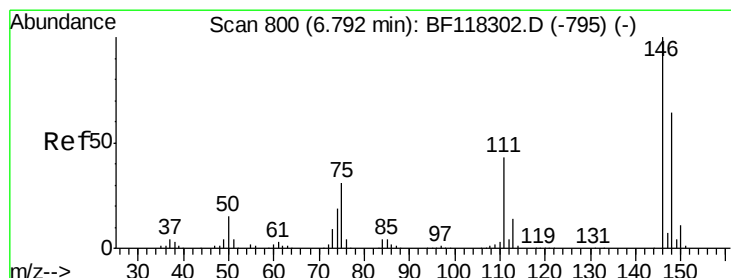
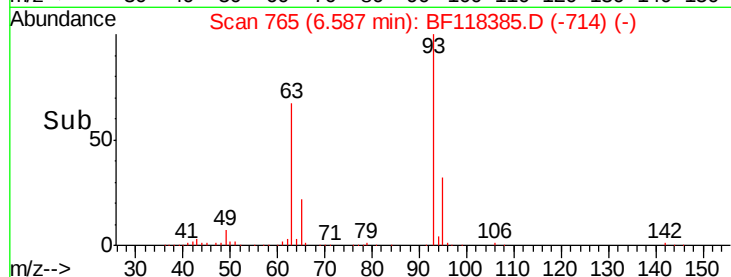
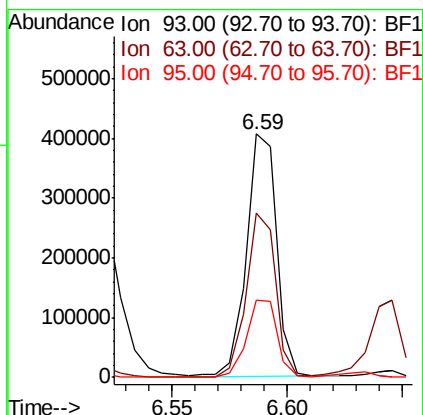
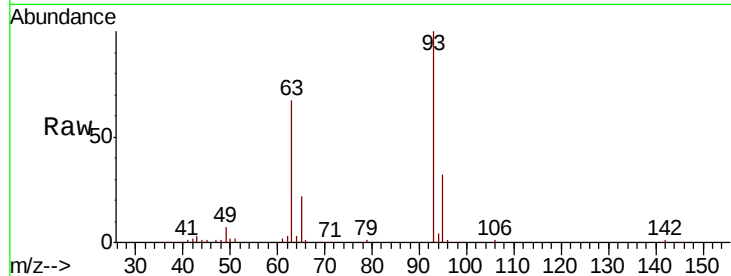




#11
 bis(2-Chloroethyl)ether
 Concen: 45.139 ng
 RT: 6.59 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

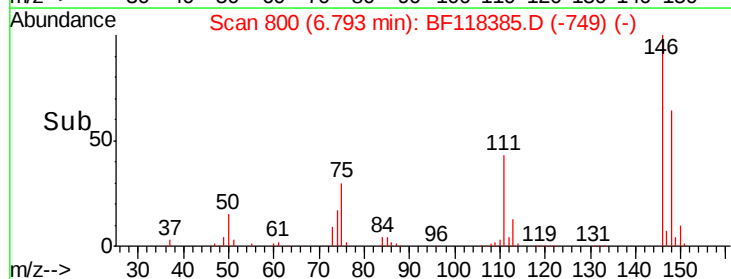
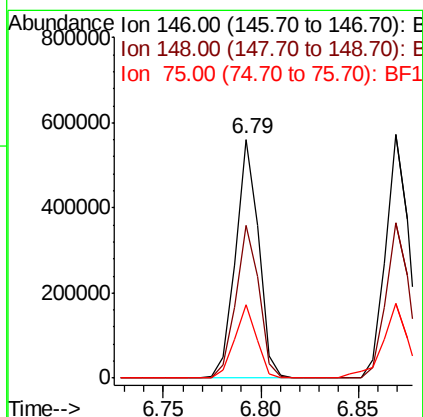
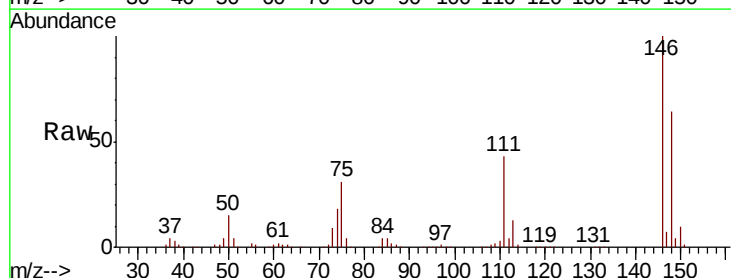
Instrument :
 BNA_F
 ClientSampled :

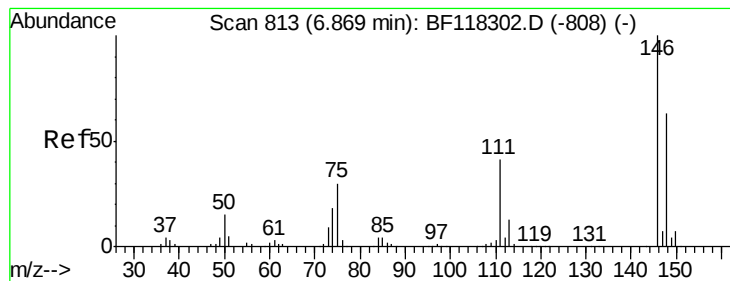
Tot Ion	93	Resp	371497
Ion	Ratio	Lower	Upper
93	100		
63	67.4	47.0	87.0
95	31.9	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 42.709 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion	146	Resp	459792
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	30.6	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 43.109 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

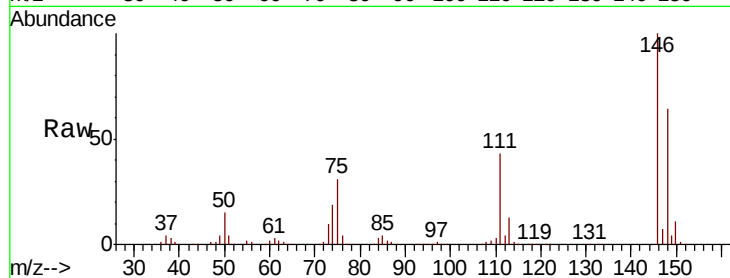
Tot Ion:146 Resp: 471397

Ion Ratio Lower Upper

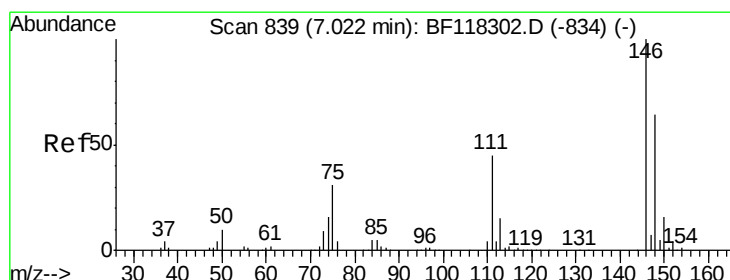
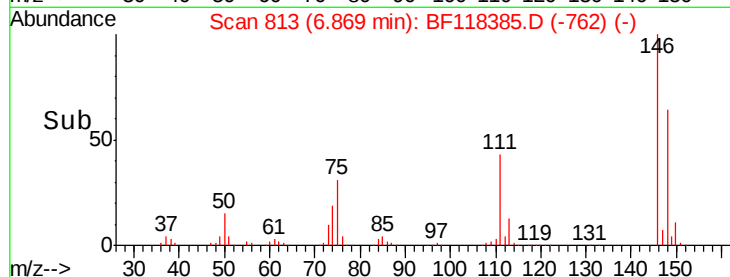
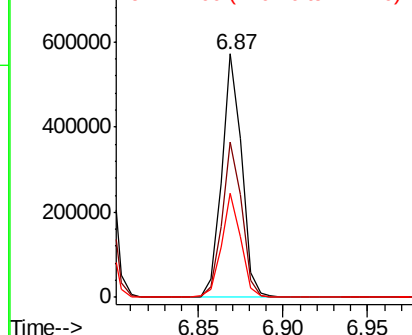
146 100

148 63.9 50.3 75.5

111 42.5 32.8 49.2



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



#14

1,2-Dichlorobenzene

Concen: 42.772 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

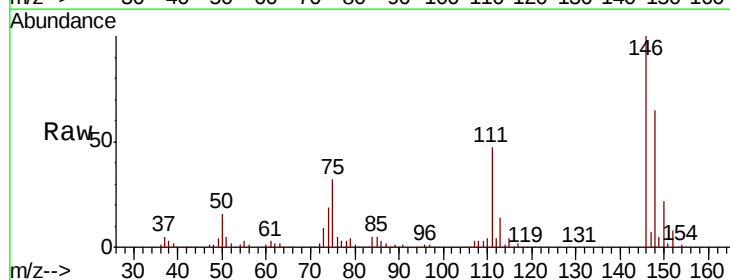
Tgt Ion:146 Resp: 441578

Ion Ratio Lower Upper

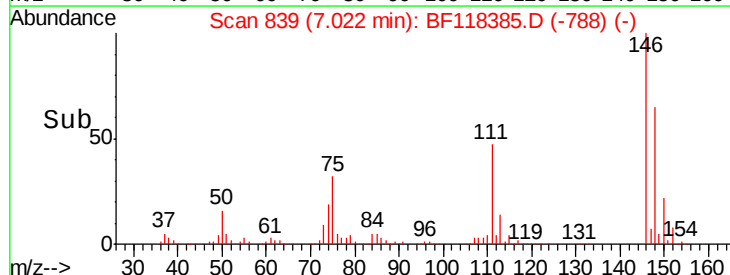
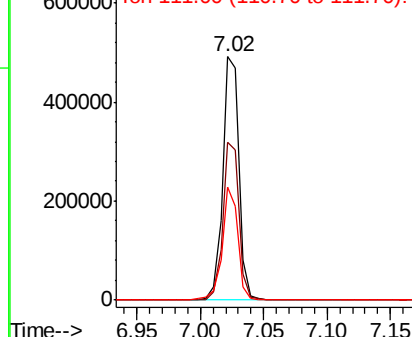
146 100

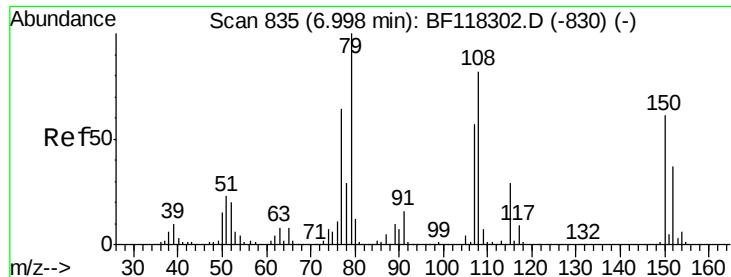
148 65.0 51.3 76.9

111 46.6 35.7 53.5



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





#15

Benzyl Alcohol

Concen: 45.368 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampled :

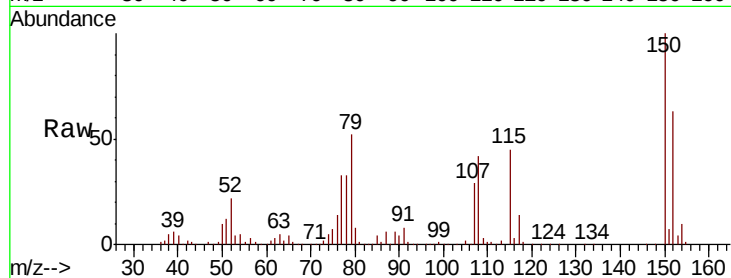
Tot Ion: 79 Resp: 353676

Ion Ratio Lower Upper

79 100

108 79.7 65.4 98.0

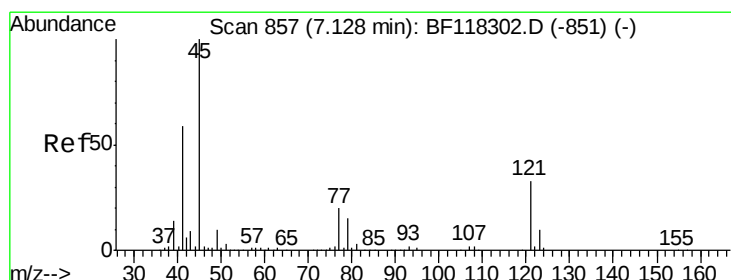
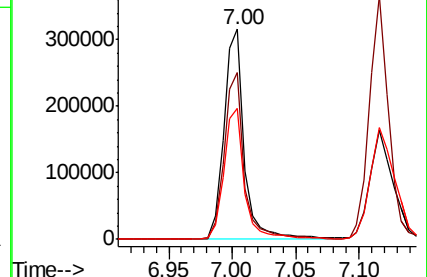
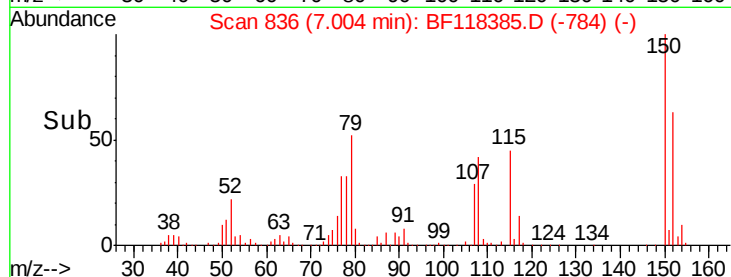
77 62.4 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.702 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

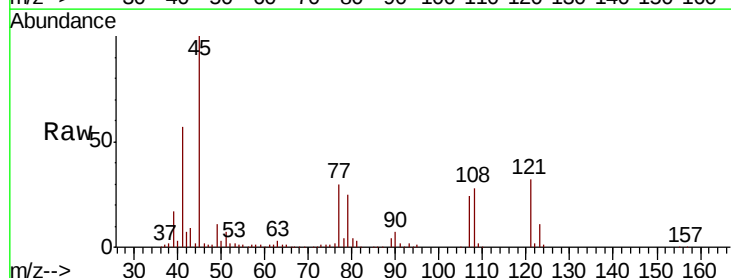
Tgt Ion: 45 Resp: 383799

Ion Ratio Lower Upper

45 100

77 29.8 1.2 41.2

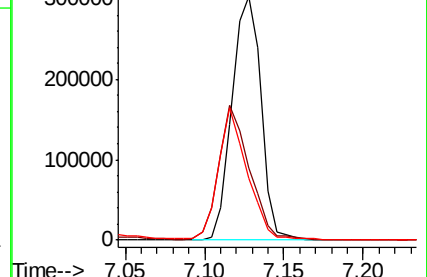
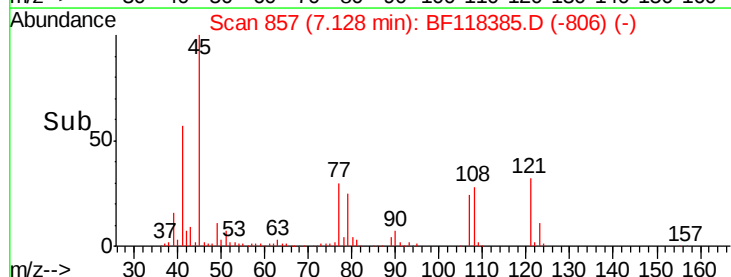
79 25.2 0.0 37.0

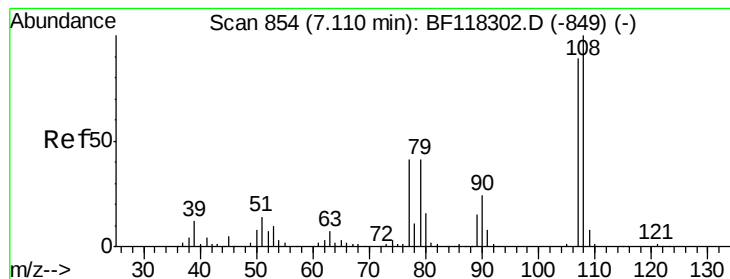


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 45.394 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 340344

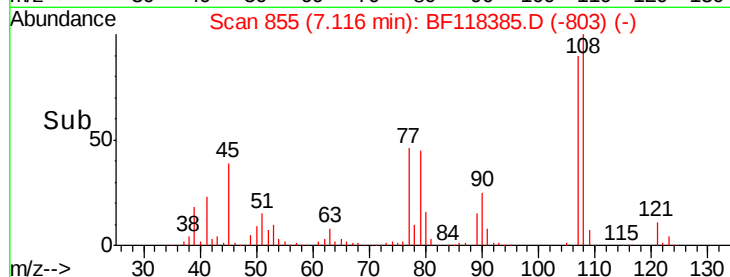
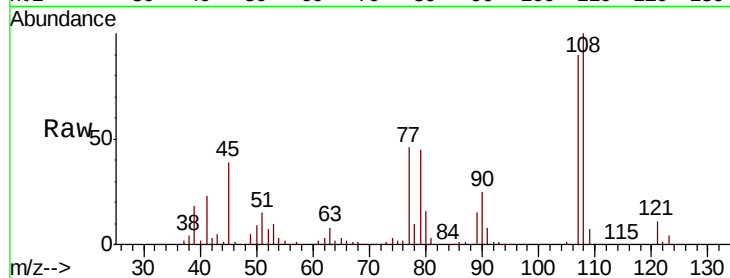
Ion Ratio Lower Upper

107 100

108 111.0 89.7 134.5

77 51.0 37.2 55.8

79 49.9 36.7 55.1



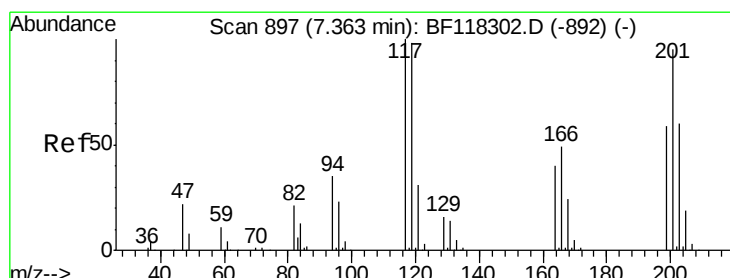
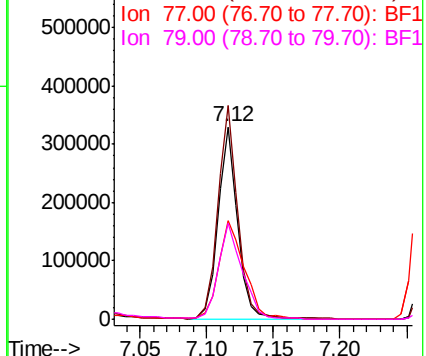
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.184 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

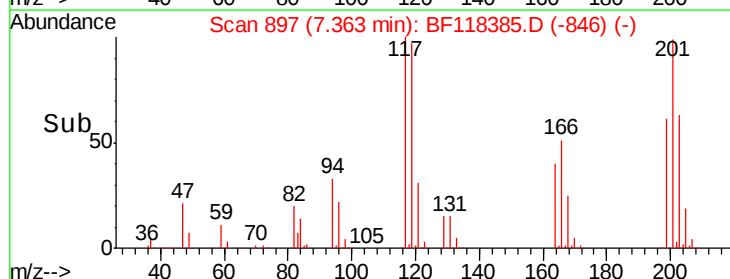
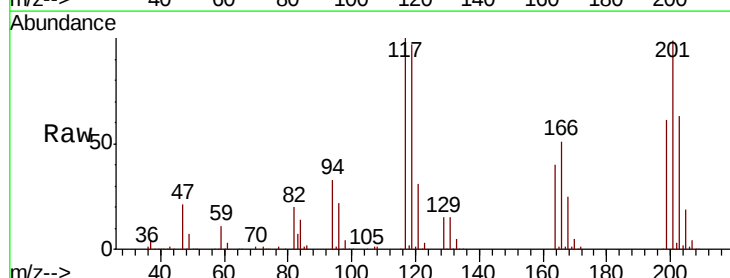
Tgt Ion:117 Resp: 169296

Ion Ratio Lower Upper

117 100

119 97.3 78.0 117.0

201 99.1 76.2 114.2

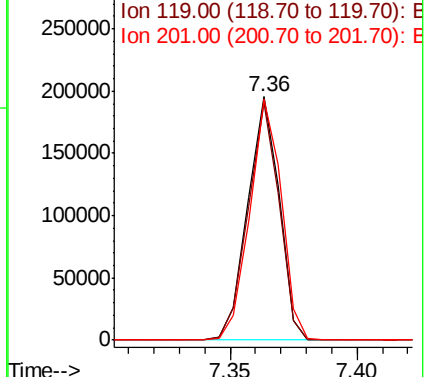


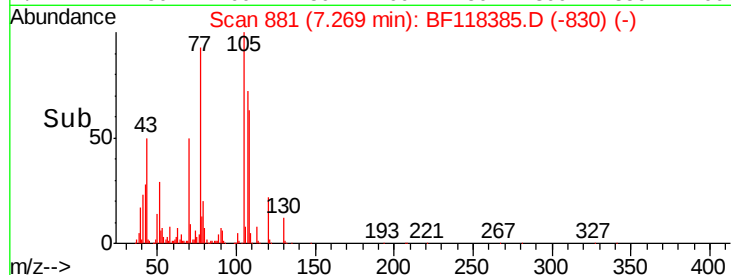
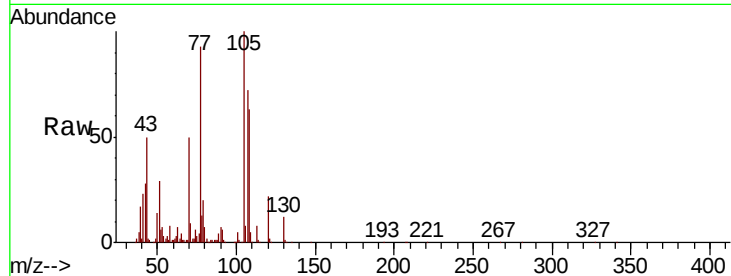
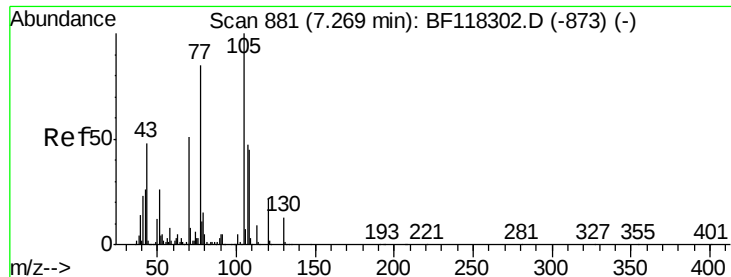
Abundance

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

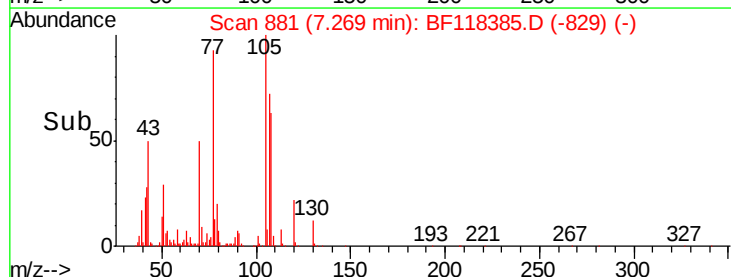
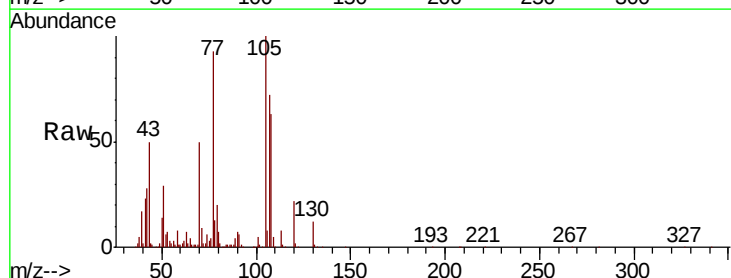
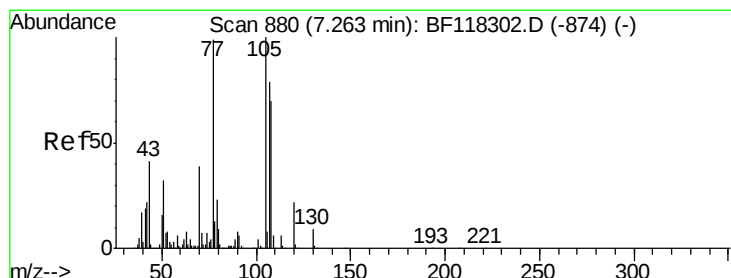
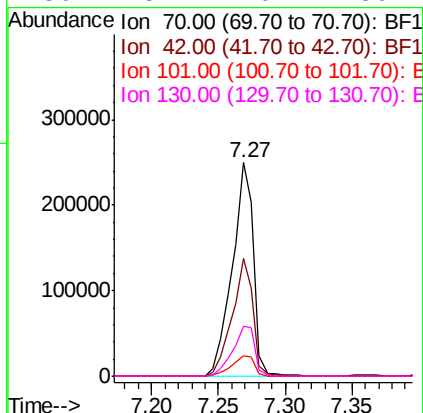




#19
n-Nitroso-di-n-propylamine
Concen: 44.166 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

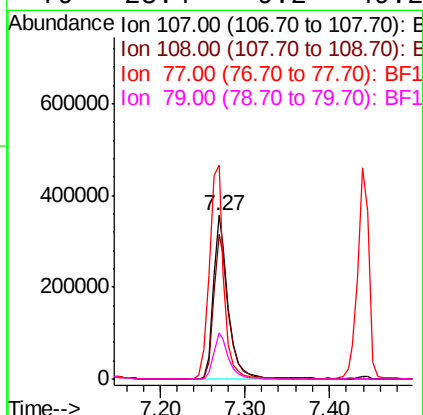
Instrument :
BNA_F
ClientSampleId :

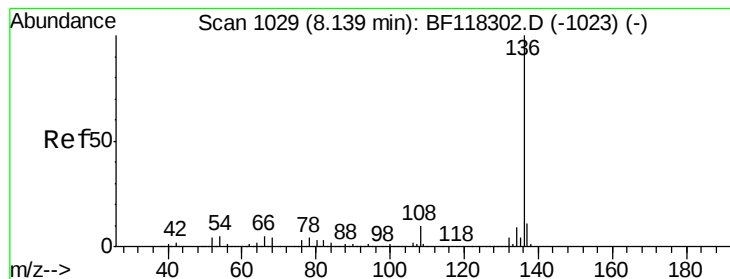
Tot Ion:	70	Resp:	278577
Ion	Ratio	Lower	Upper
70	100		
42	55.0	41.1	61.7
101	9.8	8.3	12.5
130	23.2	20.1	30.1



#20
3+4-Methylphenols
Concen: 45.719 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:	107	Resp:	438706
Ion	Ratio	Lower	Upper
107	100		
108	88.6	69.3	109.3
77	130.6	105.9	145.9
79	28.4	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: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 557916

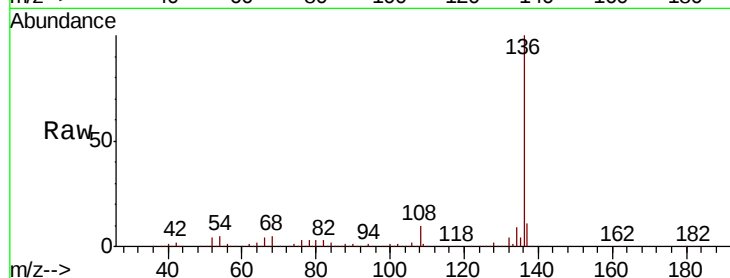
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.2 4.2 6.4

68 4.5 3.5 5.3

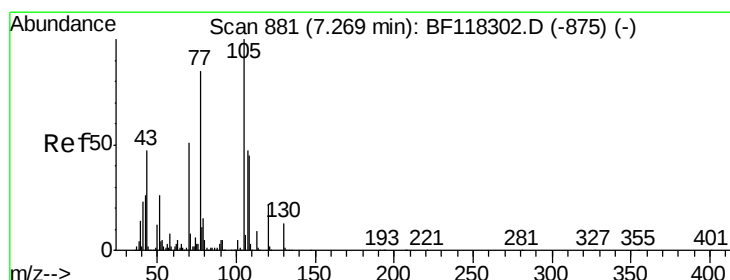
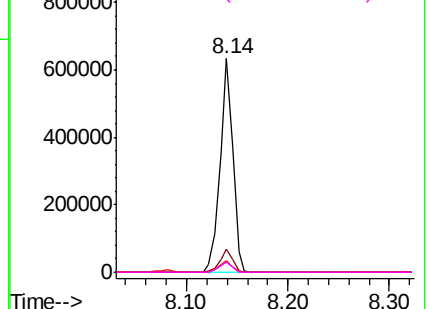
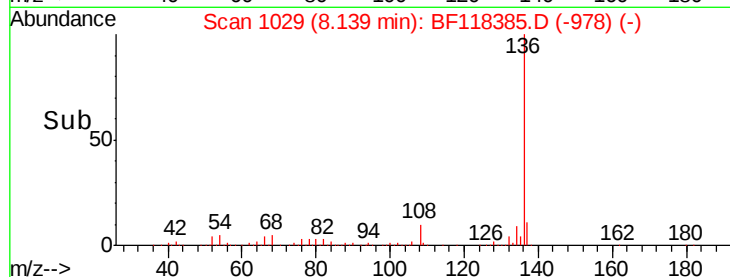


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.382 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Tgt Ion:105 Resp: 579521

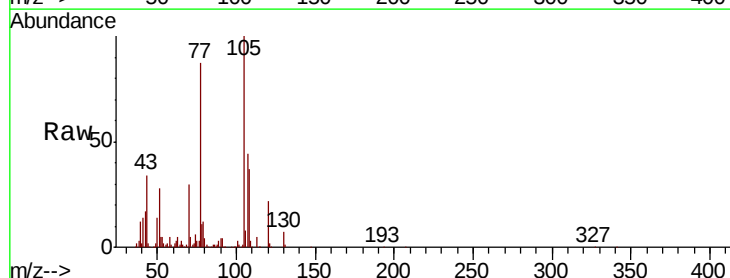
Ion Ratio Lower Upper

105 100

71 5.1 6.6 9.8#

51 27.9 20.6 30.8

120 22.0 18.0 27.0

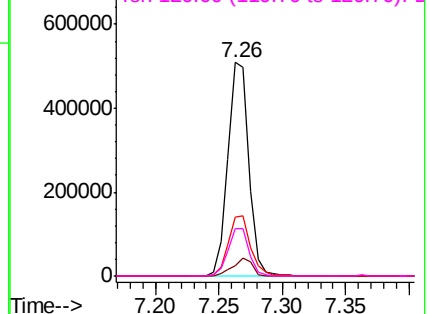
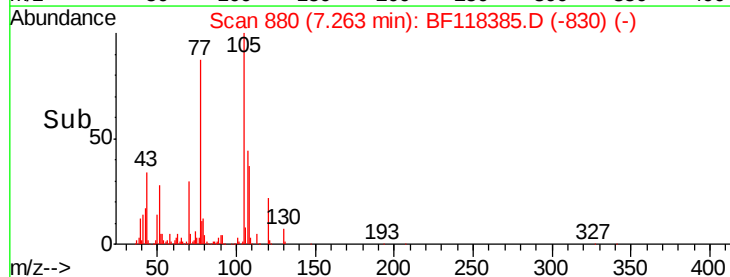


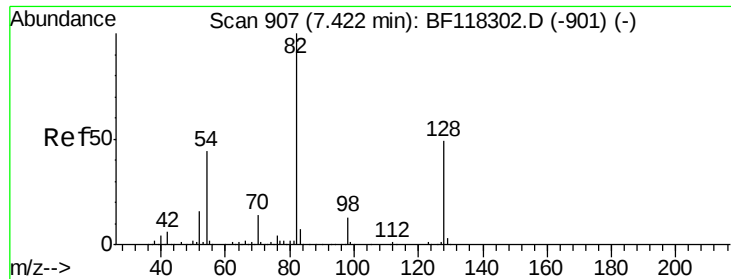
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

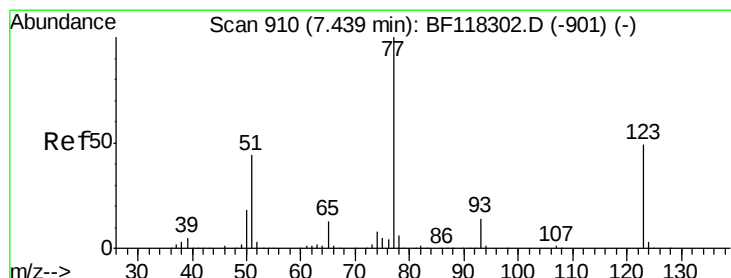
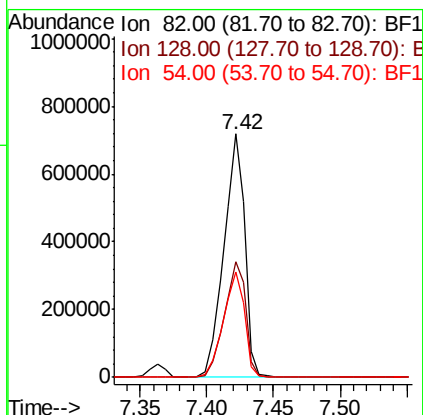
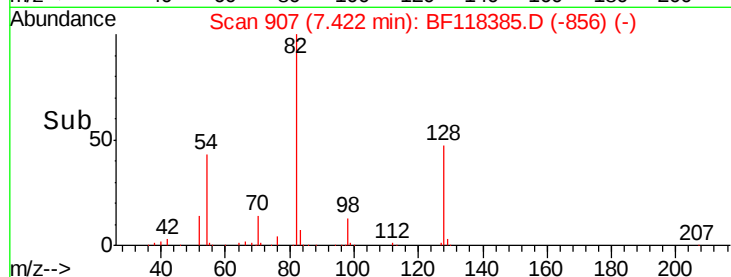
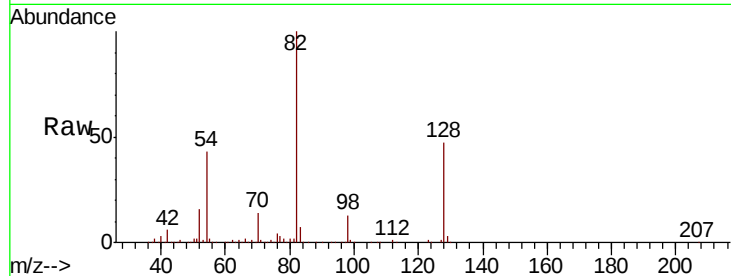




#23
Nitrobenzene-d5
Concen: 81.406 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

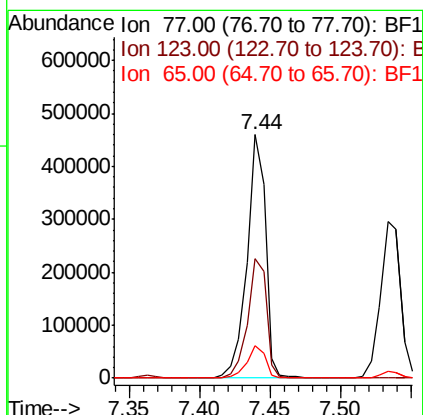
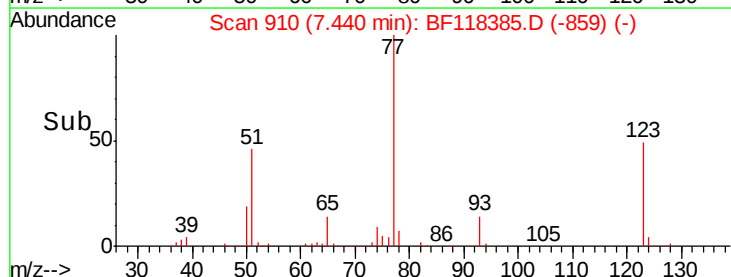
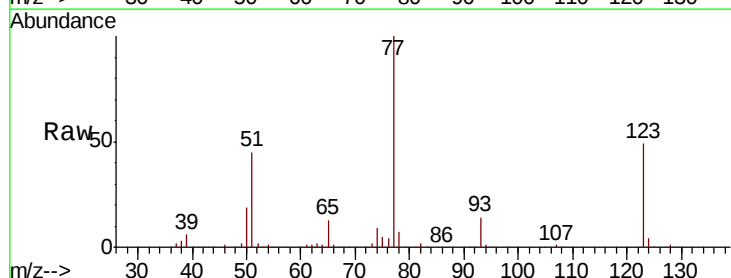
Instrument :
BNA_F
ClientSampleId :

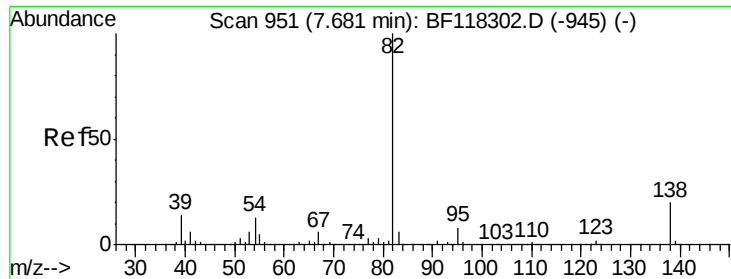
Tot Ion	82	Resp	794090
Ion Ratio	100		
Lower			
Upper			
128	47.4	39.6	59.4
54	43.4	34.9	52.3



#24
Nitrobenzene
Concen: 43.008 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	77	Resp	420250
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
123	49.2	39.1	58.7
65	13.2	10.6	16.0

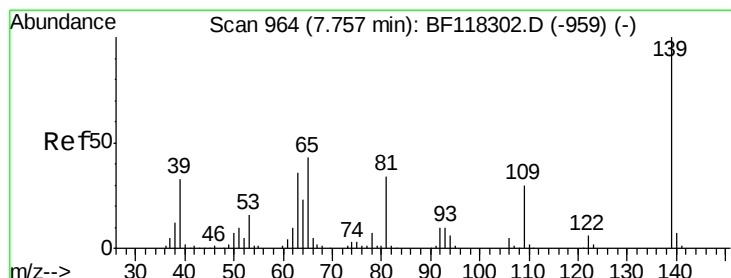
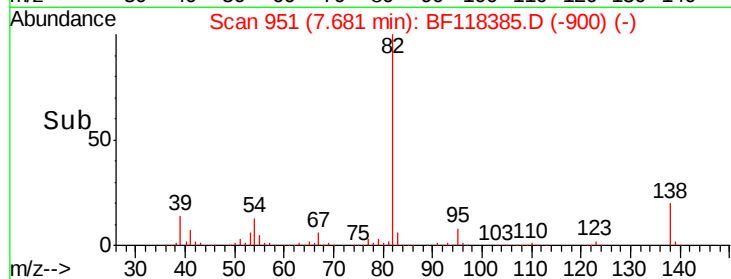
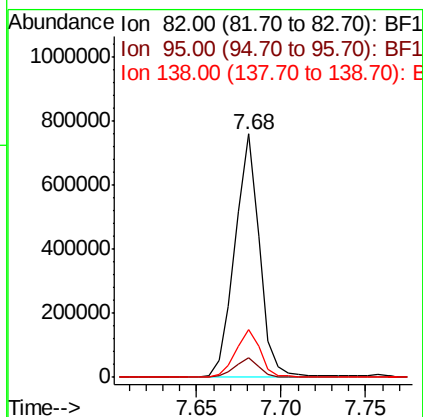
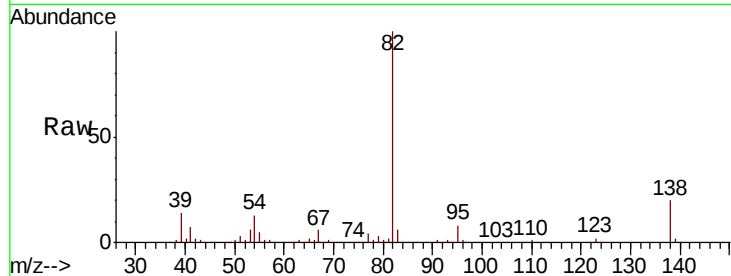




#25
Isophorone
Concen: 45.414 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

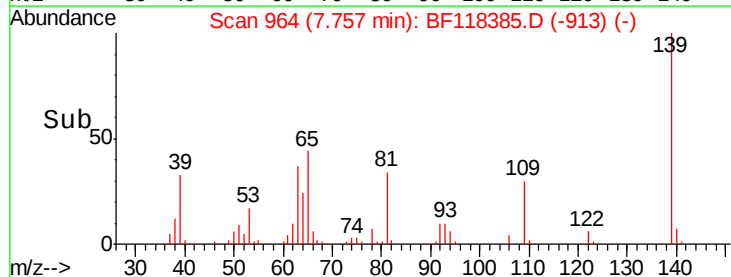
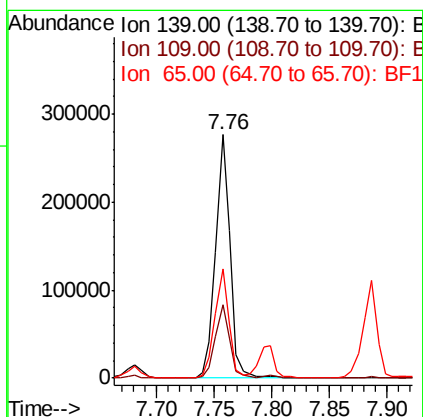
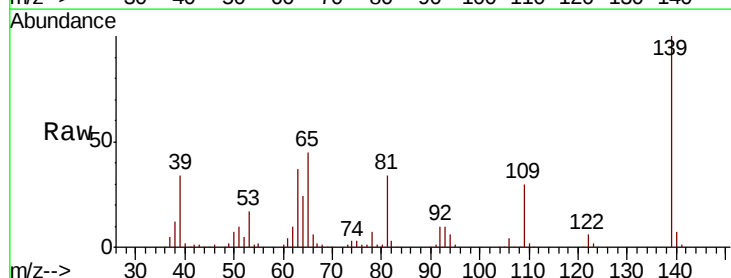
Instrument :
BNA_F
ClientSampleId :

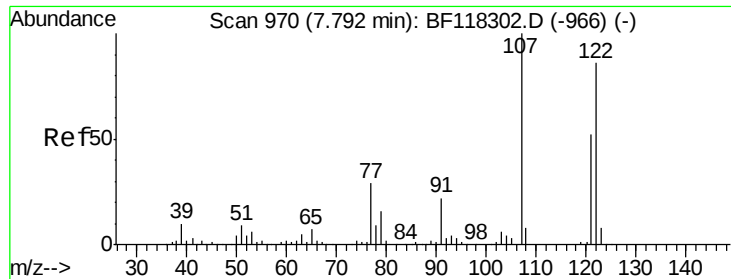
Tot Ion	82	Resp	772056
Ion Ratio	100	Lower	Upper
95	8.0	6.3	9.5
138	19.6	16.2	24.2



#26
2-Nitrophenol
Concen: 46.645 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	139	Resp	241419
Ion Ratio	100	Lower	Upper
109	30.0	24.1	36.1
65	44.7	34.6	52.0

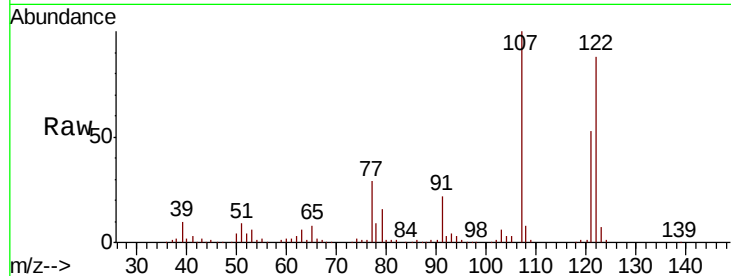




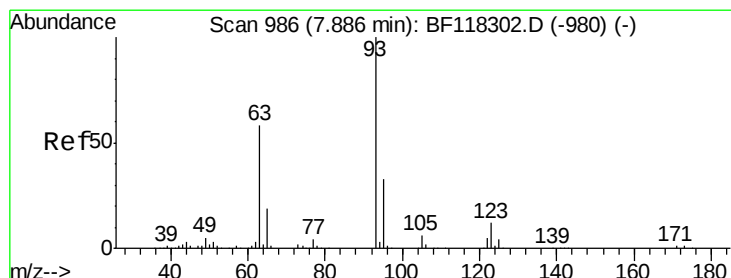
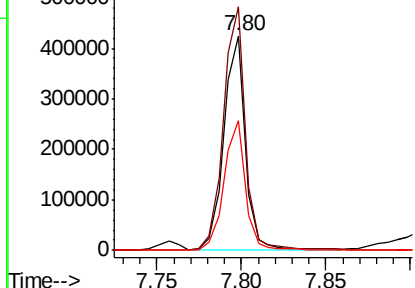
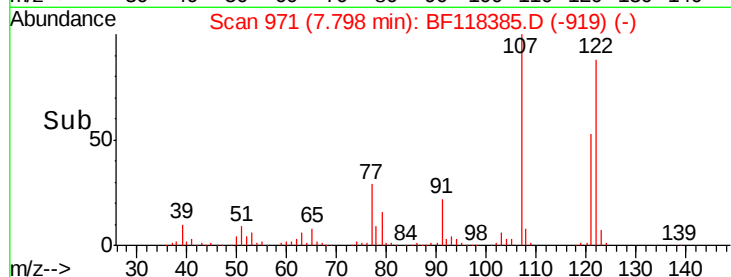
#27
 2,4-Dimethylphenol
 Concen: 53.377 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 376929
 Ion Ratio Lower Upper
 122 100
 107 113.4 92.9 139.3
 121 60.2 47.9 71.9

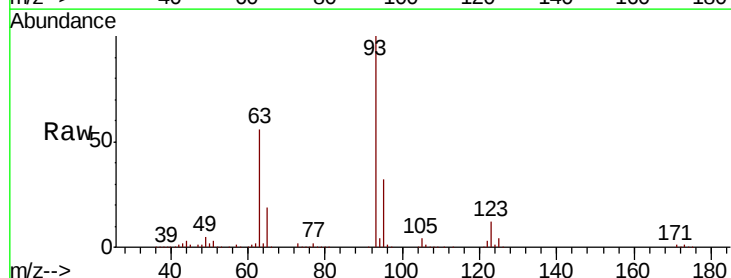


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

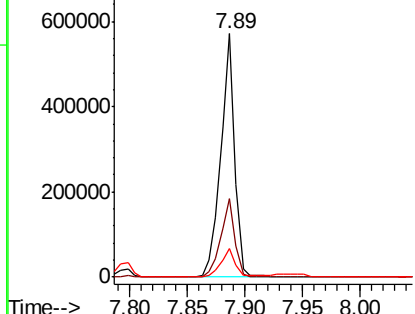
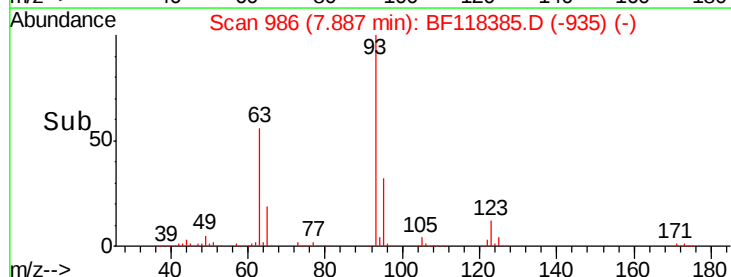


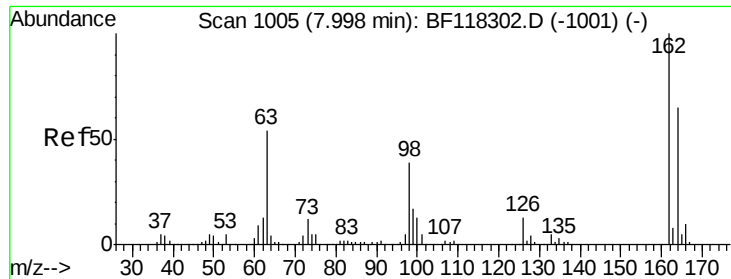
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.495 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion: 93 Resp: 483582
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.2 39.4
 123 11.8 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

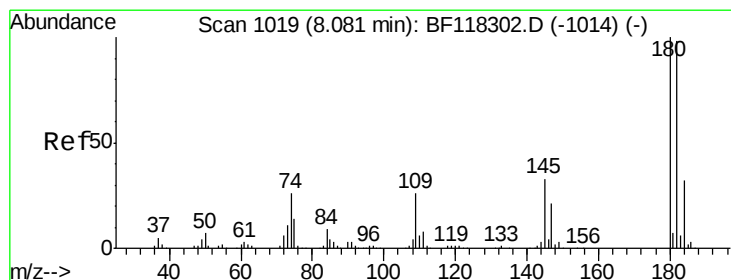
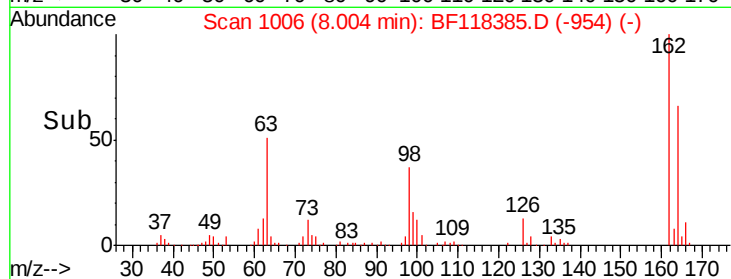
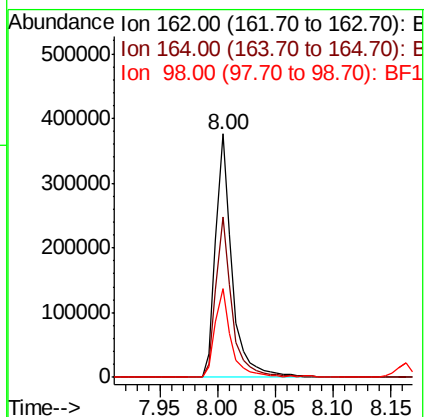
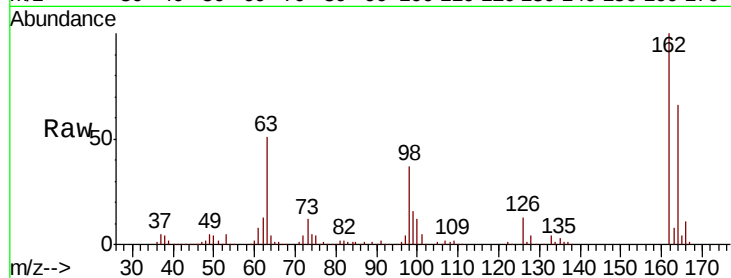




#29
 2,4-Dichlorophenol
 Concen: 45.609 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

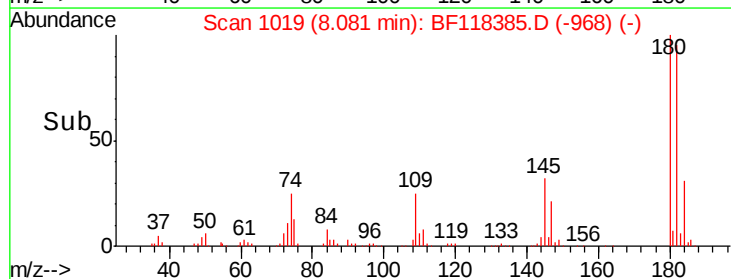
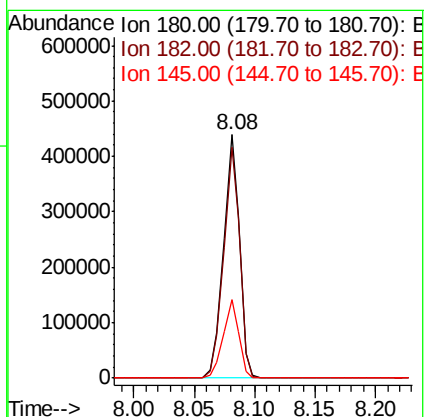
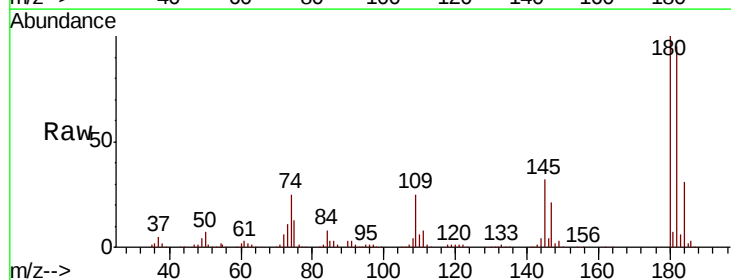
Instrument :
 BNA_F
 ClientSampled :

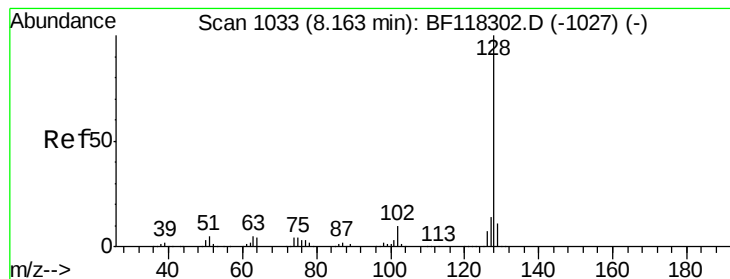
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.1	85.1
98	36.6	18.6	58.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.572 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.3	117.5
145	32.1	26.7	40.1





#31

Naphthalene

Concen: 44.294 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

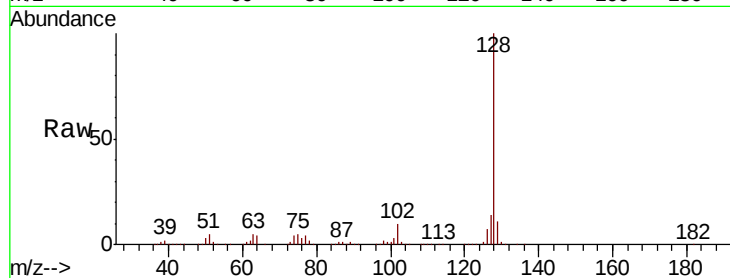
Tot Ion:128 Resp: 1256035

Ion Ratio Lower Upper

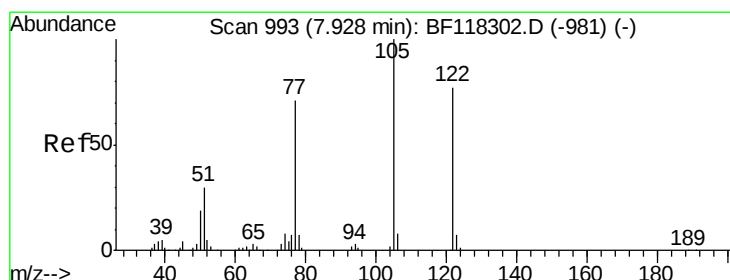
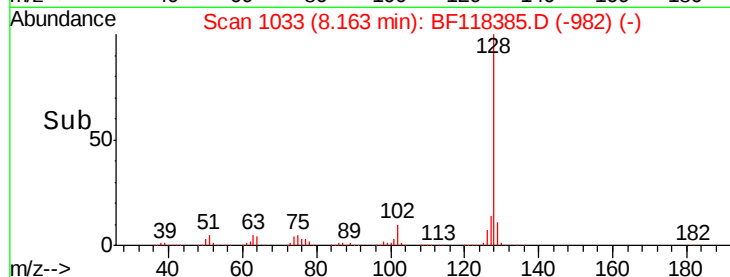
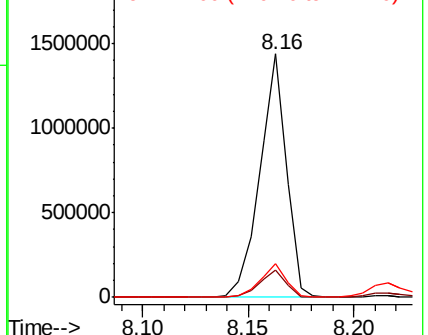
128 100

129 11.0 9.0 13.4

127 13.7 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: 41.233 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.02 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

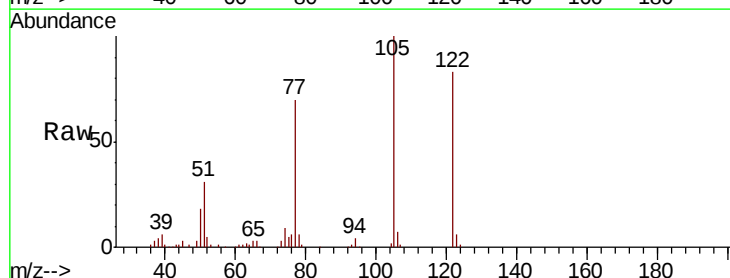
Tgt Ion:122 Resp: 240464

Ion Ratio Lower Upper

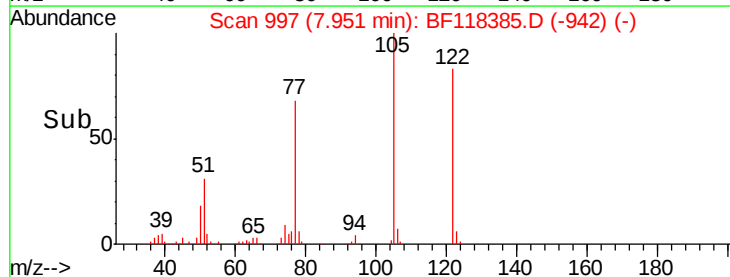
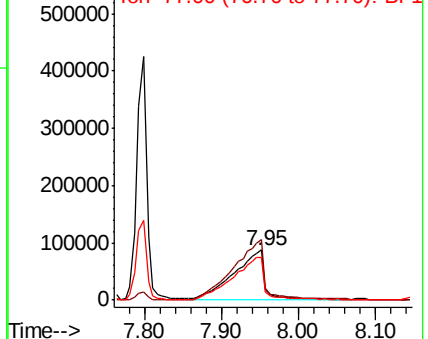
122 100

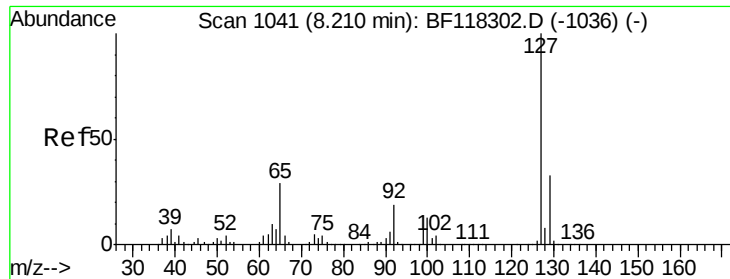
105 120.4 106.8 146.8

77 83.9 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

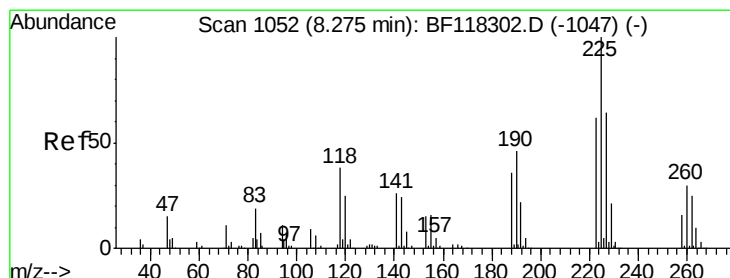
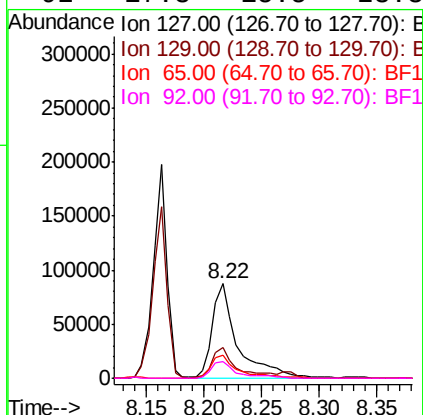
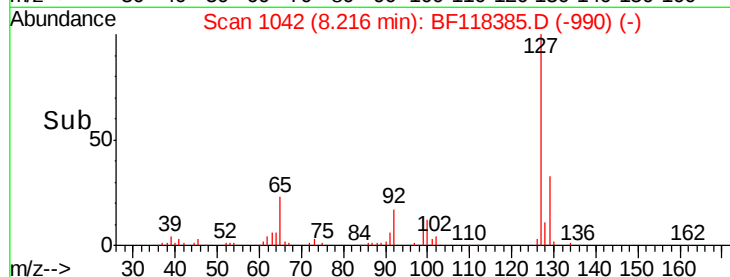
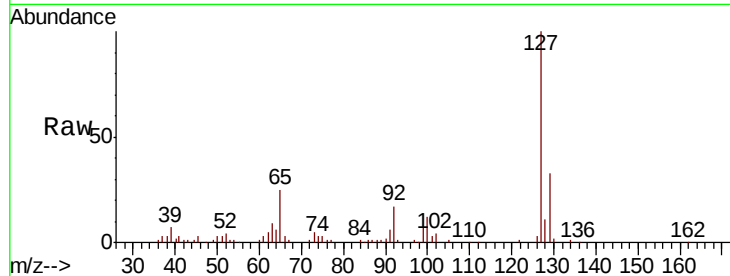




#33
4-Chloroaniline
Concen: 10.954 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

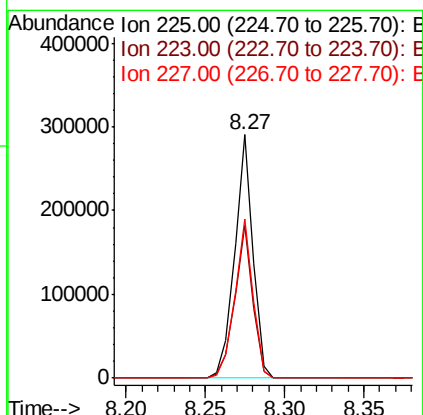
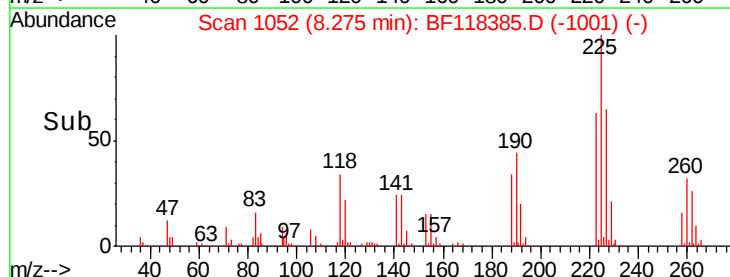
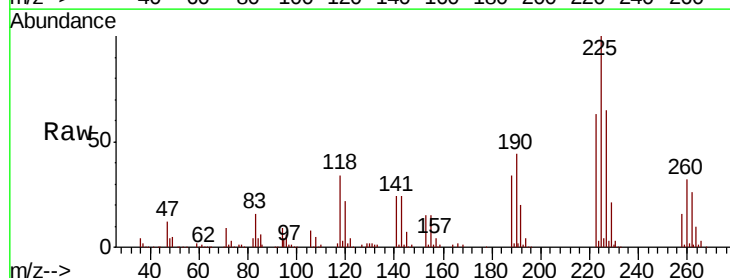
Instrument :
BNA_F
ClientSampleId :

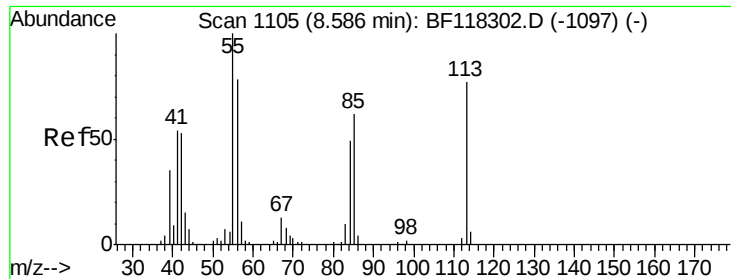
Tot Ion:	127	Resp:	133162
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	24.9	22.8	34.2
92	17.3	15.5	23.3



#34
Hexachlorobutadiene
Concen: 41.182 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:	225	Resp:	232101
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.5	74.3
227	65.2	51.0	76.4

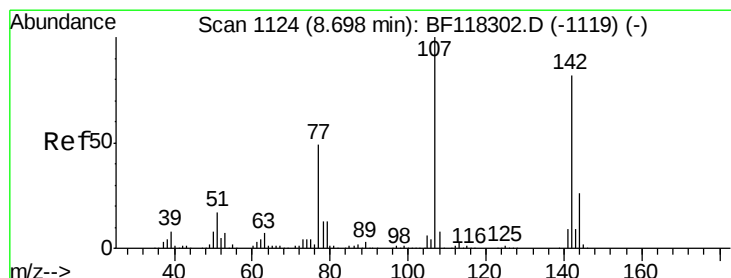
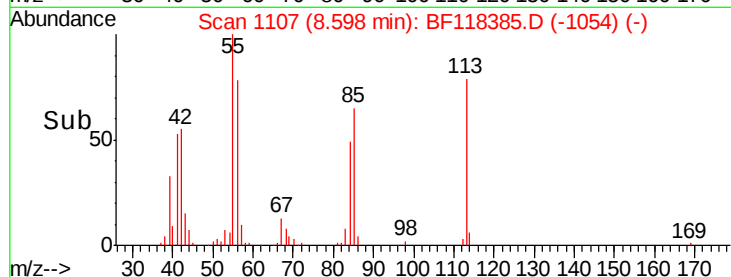
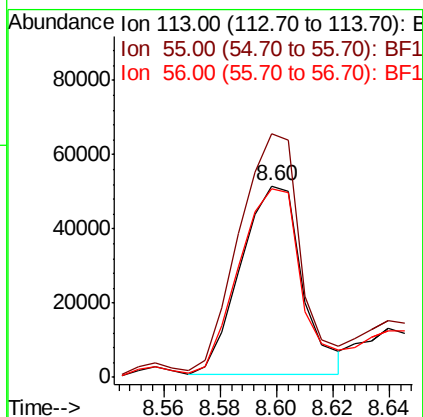
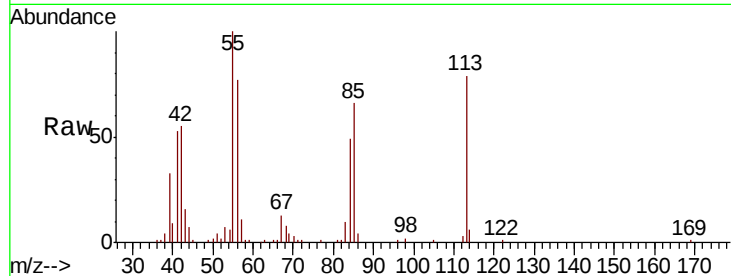




#35
Caprolactam
Concen: 30.204 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

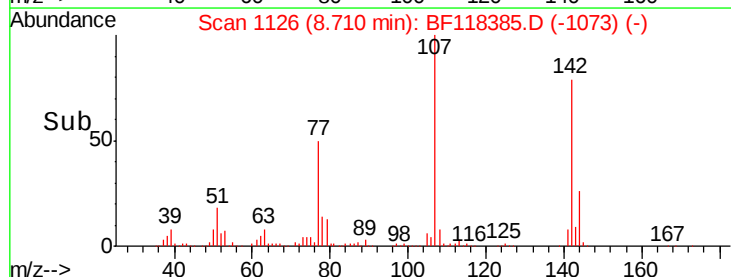
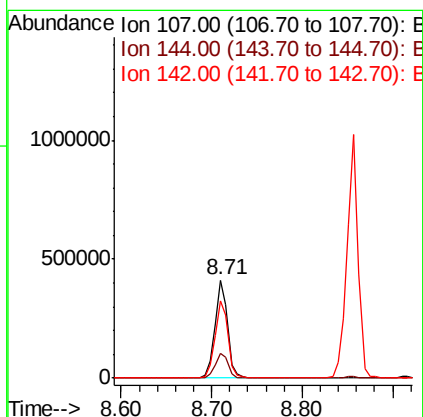
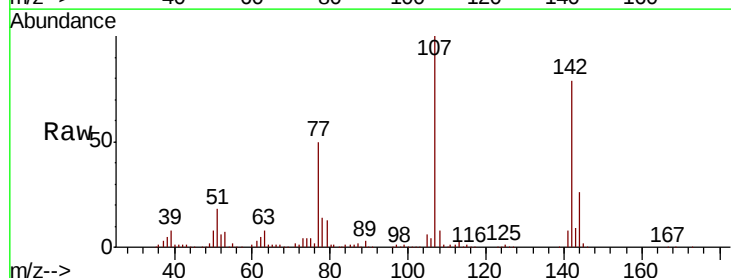
Instrument :
BNA_F
ClientSampleId :

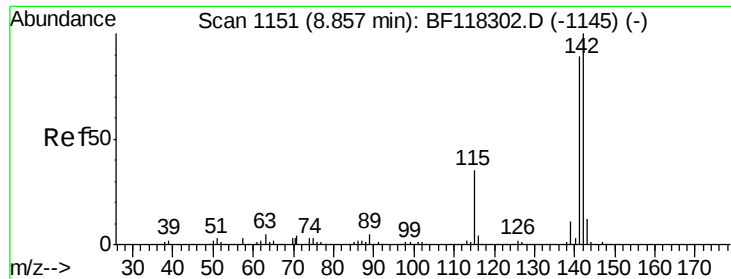
Tot Ion:113 Resp: 76644
Ion Ratio Lower Upper
113 100
55 127.3 109.8 149.8
56 98.4 81.7 121.7



#36
4-Chloro-3-methylphenol
Concen: 45.921 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:107 Resp: 400727
Ion Ratio Lower Upper
107 100
144 25.8 21.2 31.8
142 78.8 65.4 98.2

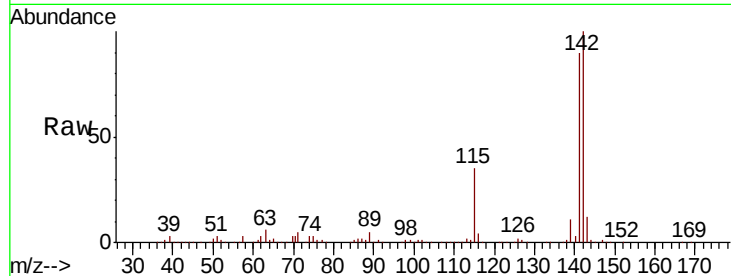




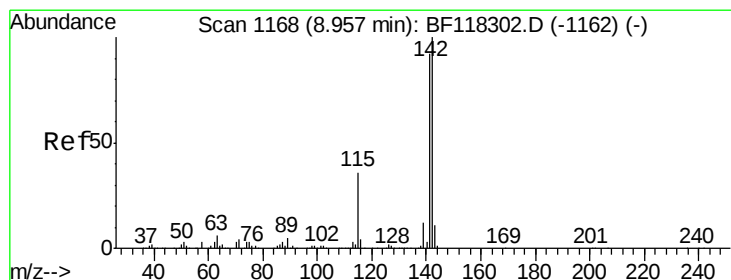
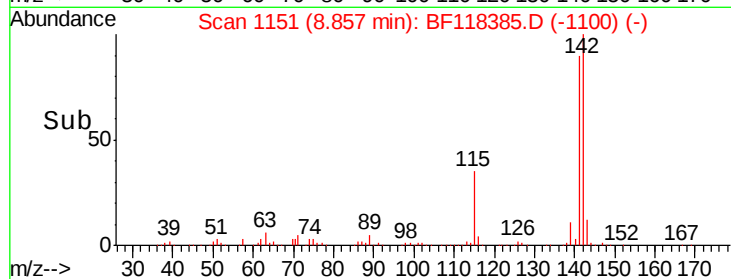
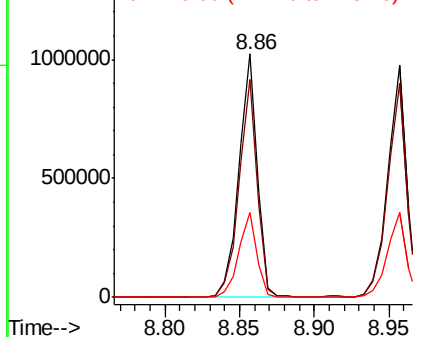
#37
2-Methylnaphthalene
Concen: 45.387 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 881188
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 35.1 28.0 42.0

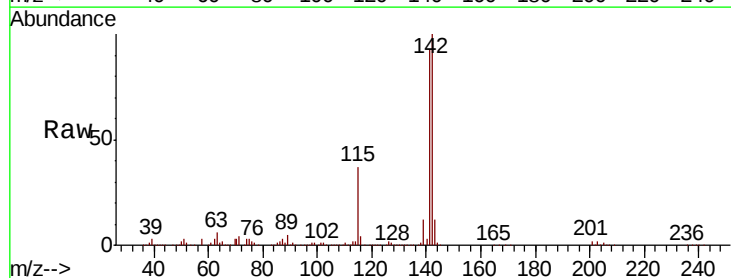


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

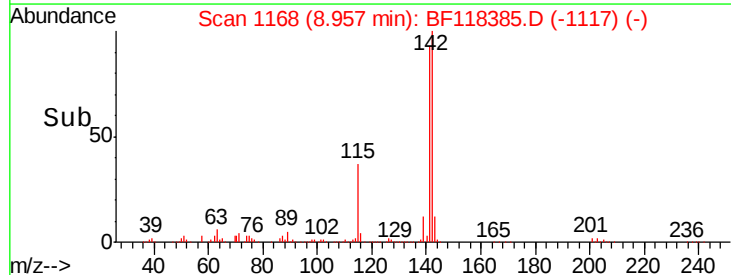
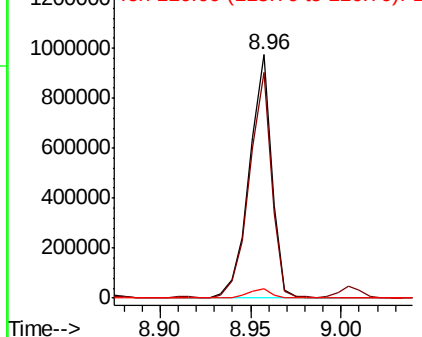


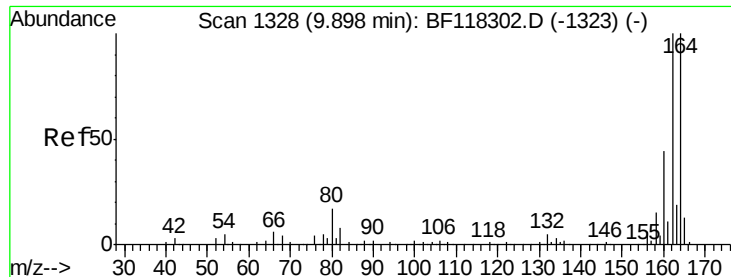
#38
1-Methylnaphthalene
Concen: 45.521 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:142 Resp: 832642
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.2
116 3.7 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: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

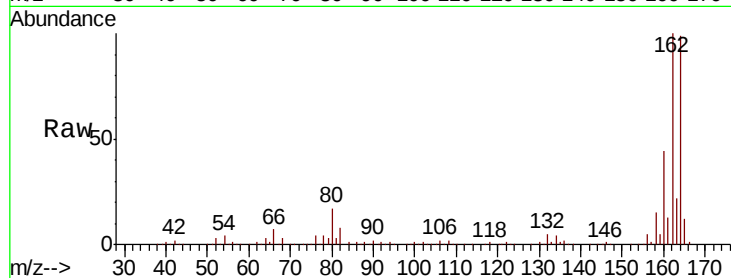
Tot Ion:164 Resp: 309743

Ion Ratio Lower Upper

164 100

162 100.6 80.0 120.0

160 44.1 34.8 52.2

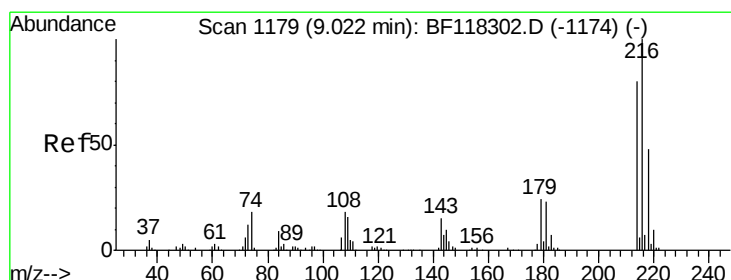
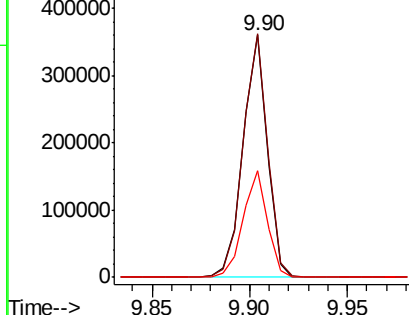
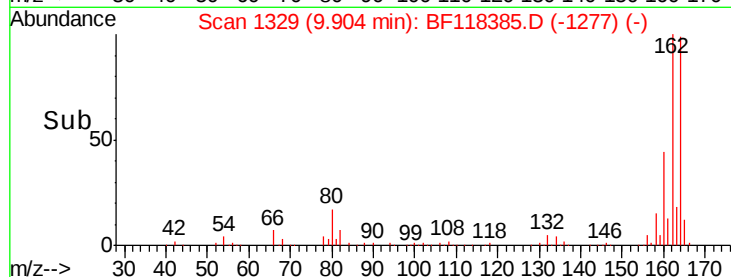


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.366 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Tgt Ion:216 Resp: 384968

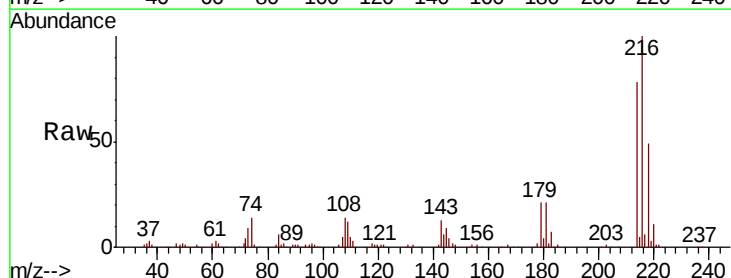
Ion Ratio Lower Upper

216 100

214 79.8 63.3 94.9

179 22.8 18.9 28.3

108 20.2 15.0 22.6



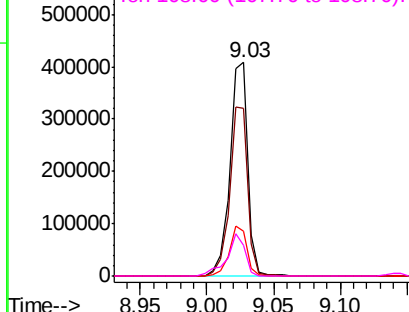
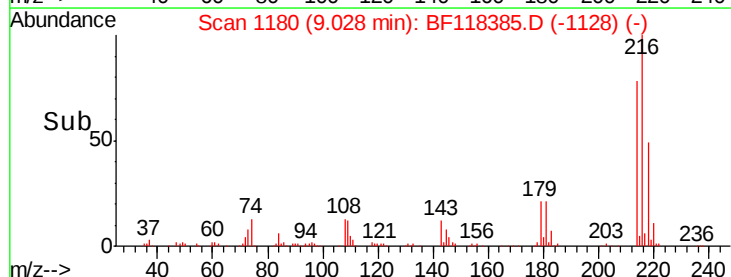
Abundance

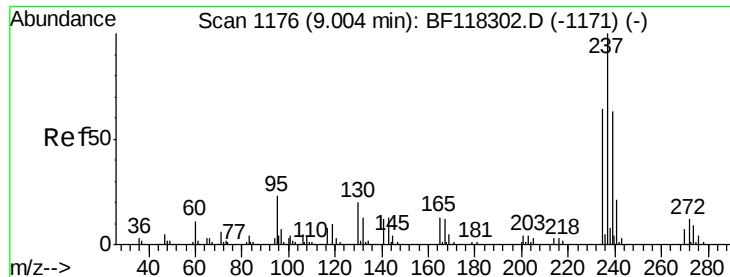
Ion 216.00 (215.70 to 216.70): E

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: 76.102 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

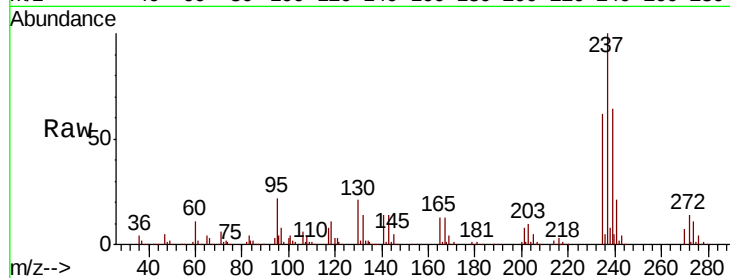
Tot Ion:237 Resp: 296301

Ion Ratio Lower Upper

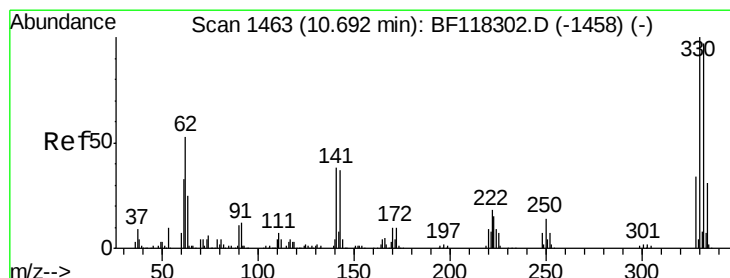
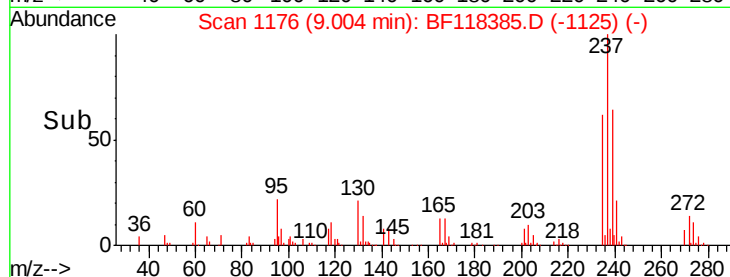
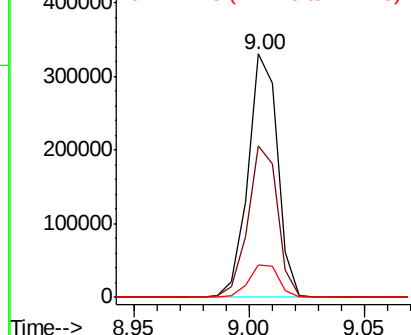
237 100

235 62.0 43.8 83.8

272 13.5 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: 128.503 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

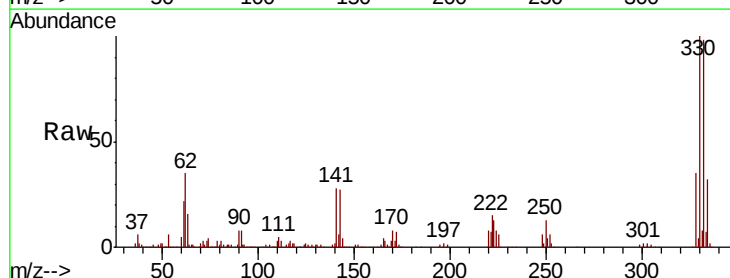
Tgt Ion:330 Resp: 491535

Ion Ratio Lower Upper

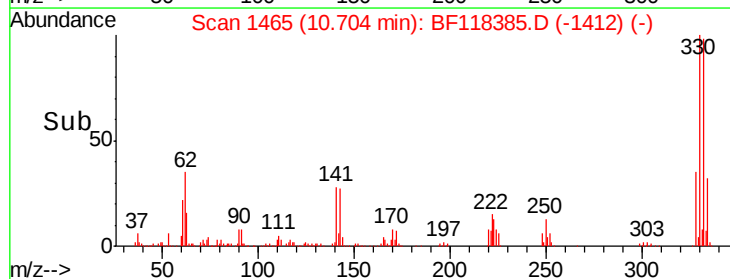
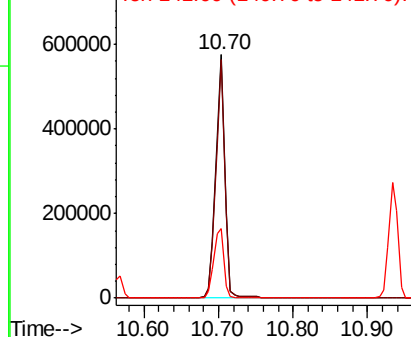
330 100

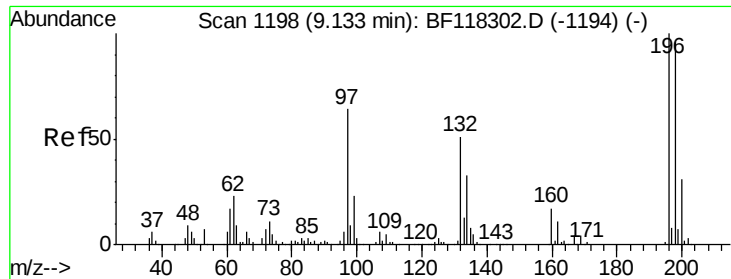
332 97.0 76.6 114.8

141 31.7 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

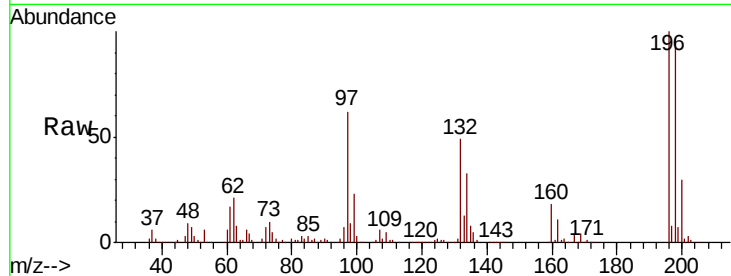




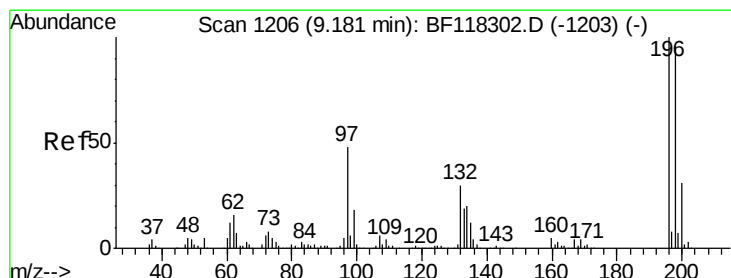
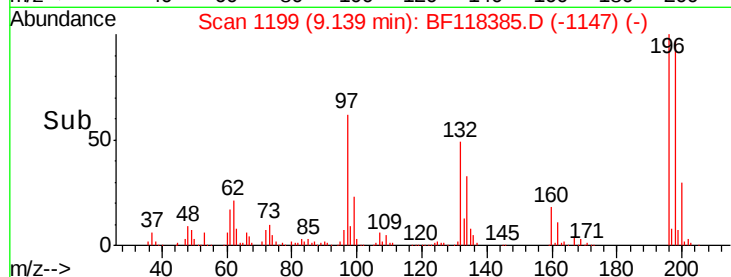
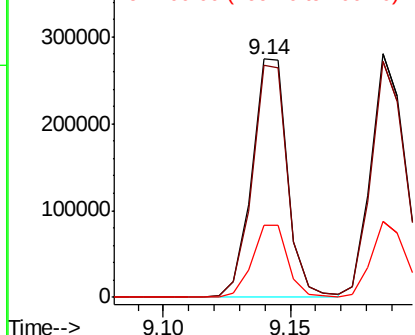
#43
 2,4,6-Trichlorophenol
 Concen: 43.126 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 268132
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.7 115.1
 200 30.4 24.8 37.2

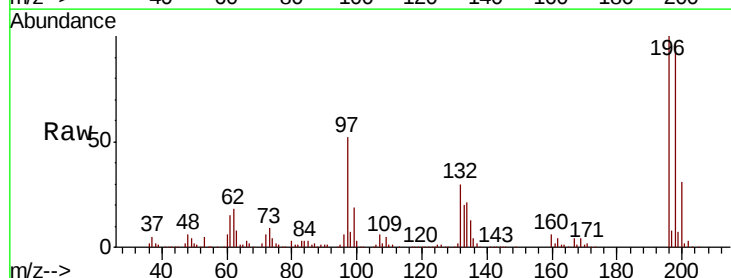


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

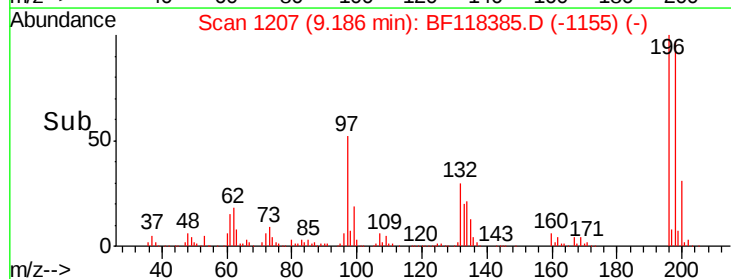
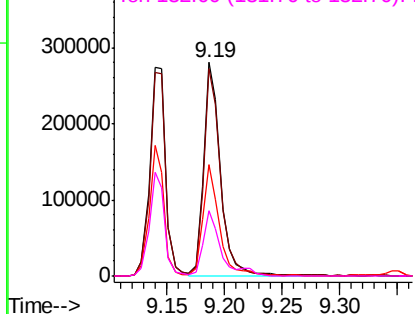


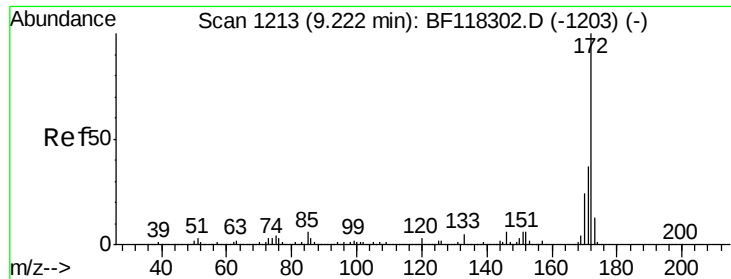
#44
 2,4,5-Trichlorophenol
 Concen: 44.764 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion:196 Resp: 286305
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.0 115.4
 97 51.9 38.9 58.3
 132 30.3 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

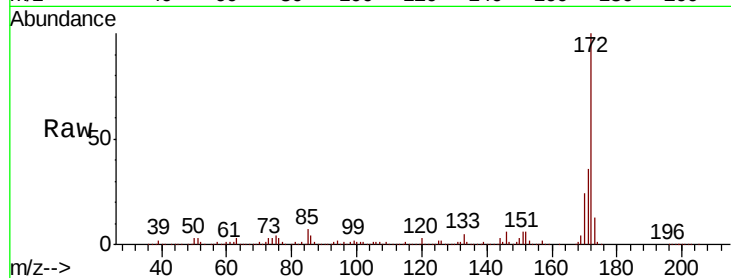




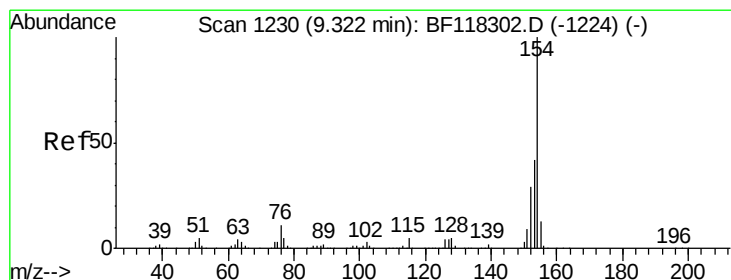
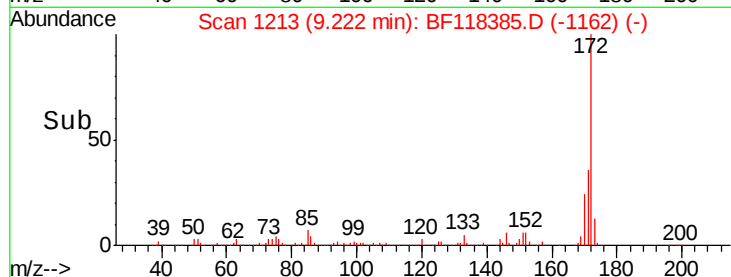
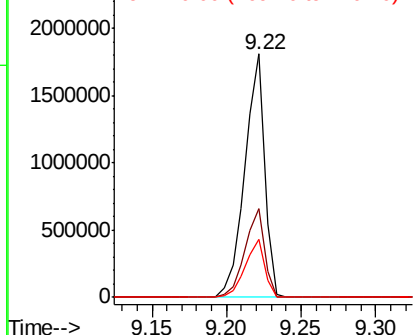
#45
2-Fluorobiphenyl
Concen: 82.204 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1668045
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 23.9 19.2 28.8

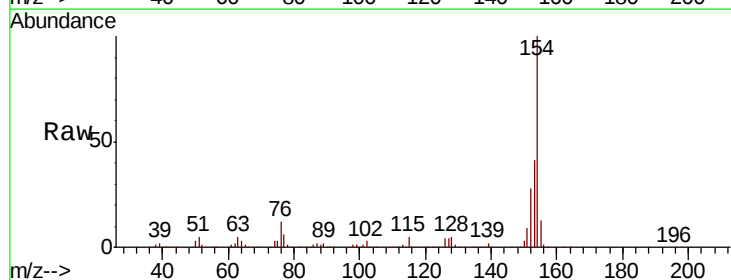


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

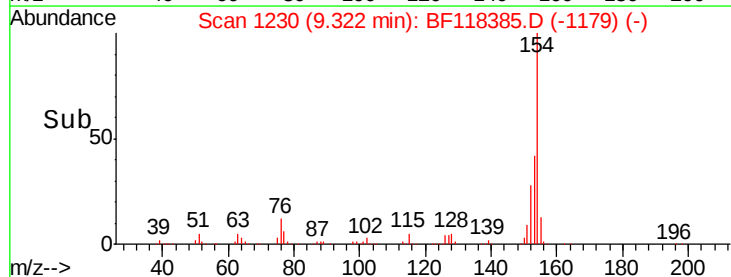
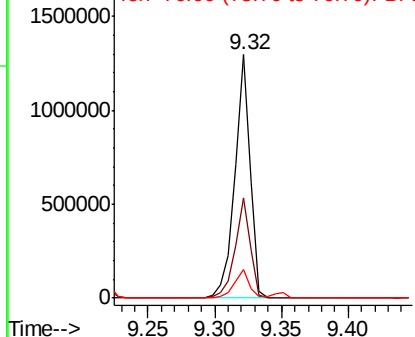


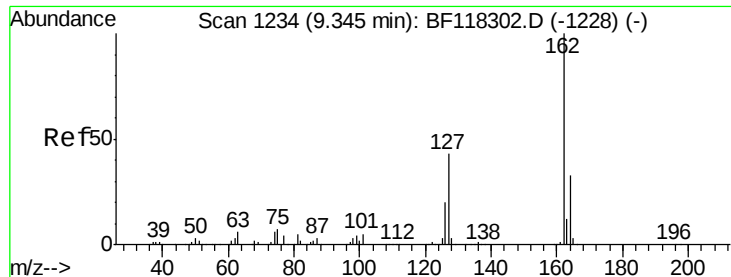
#46
1,1'-Biphenyl
Concen: 42.988 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:154 Resp: 1053153
Ion Ratio Lower Upper
154 100
153 41.4 21.8 61.8
76 11.6 0.0 30.9



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

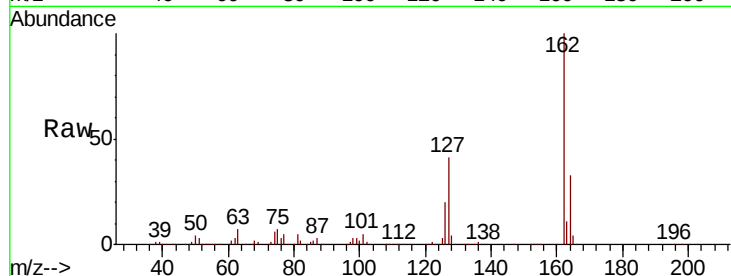




#47
2-Chloronaphthalene
Concen: 41.941 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	35.0	52.4
164	33.5	26.6	40.0

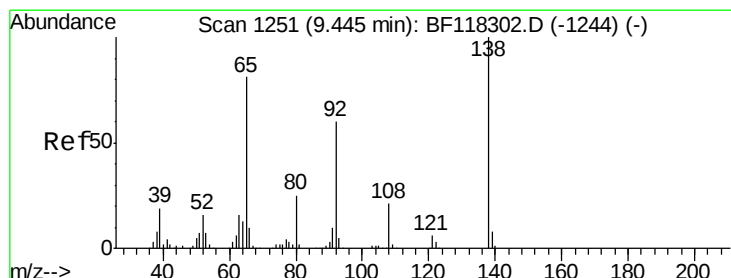
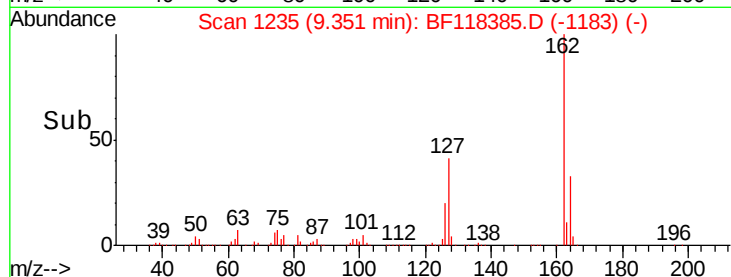
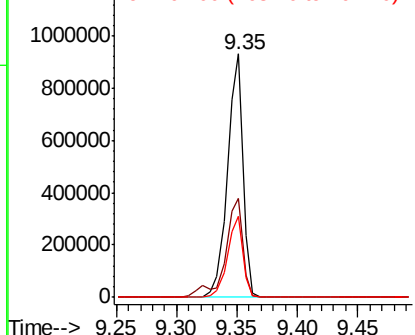


Abundance

Ion 162.00 (161.70 to 162.70): E

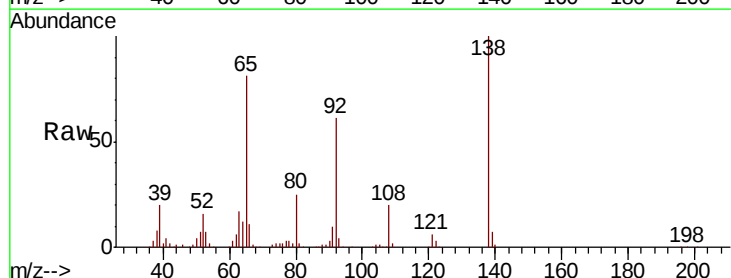
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.470 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	58.7	88.1
138	123.6	98.5	147.7

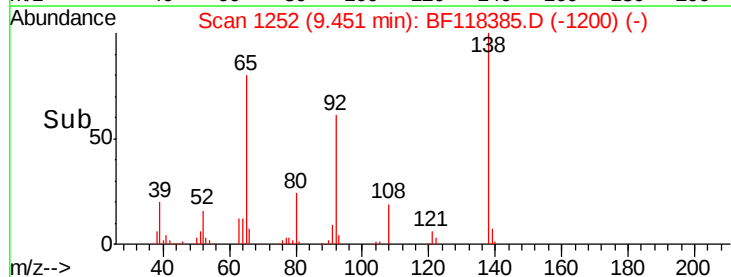
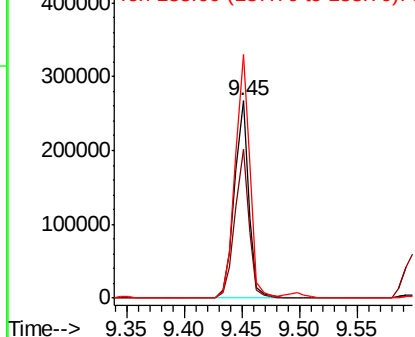


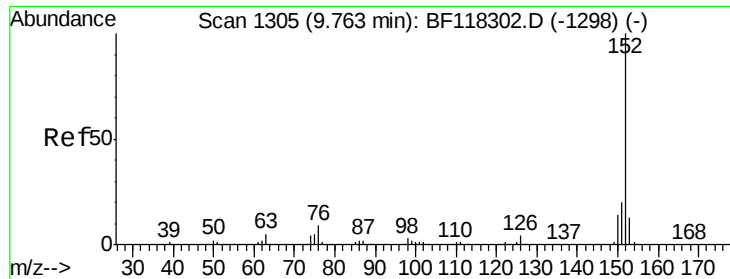
Abundance

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: 44.695 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

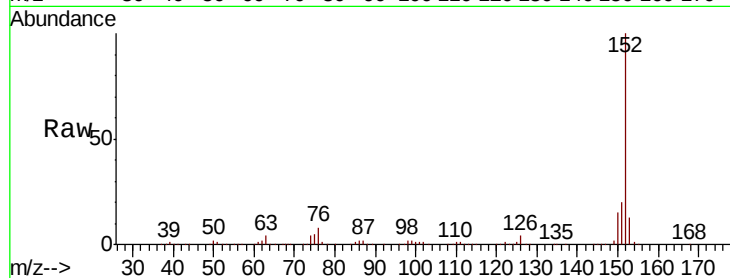
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1307028

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.3	10.5	15.7

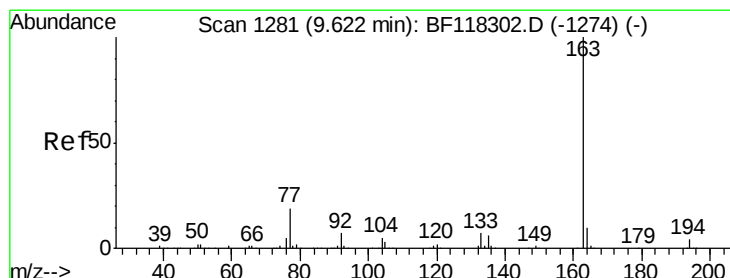
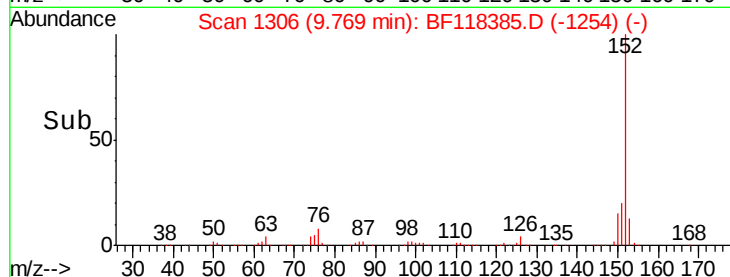
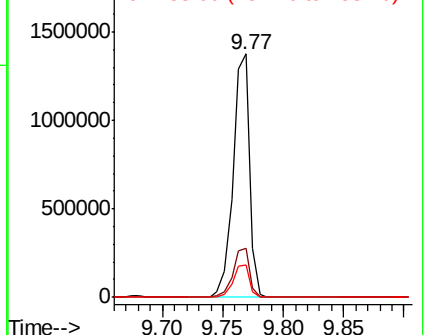


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.418 ng

RT: 9.62 min Scan# 1281

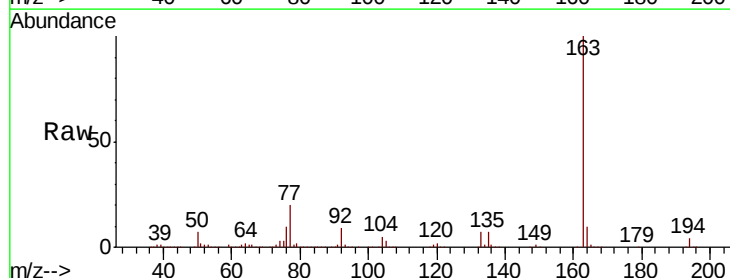
Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Tgt Ion:163 Resp: 1125738

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	7.9	11.9

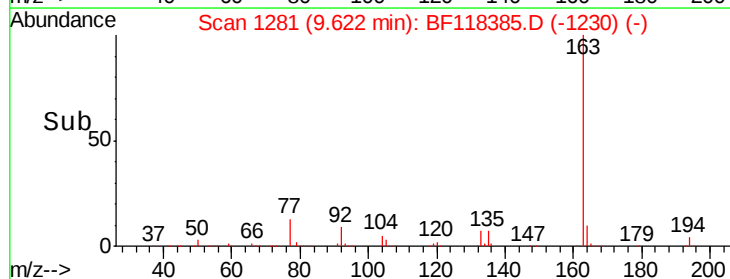
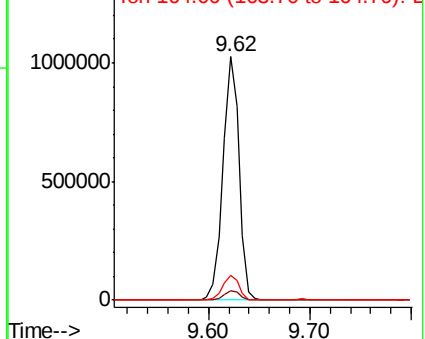


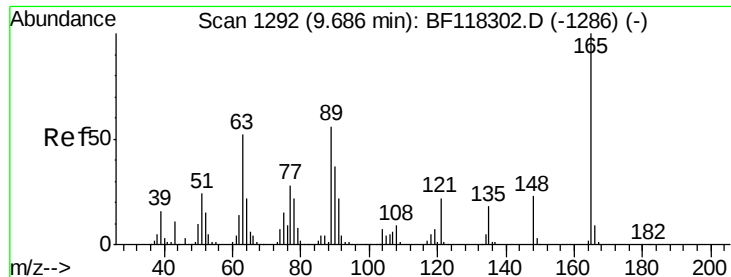
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.146 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

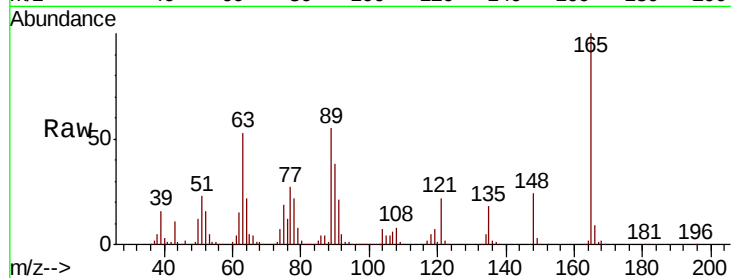
Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 226300

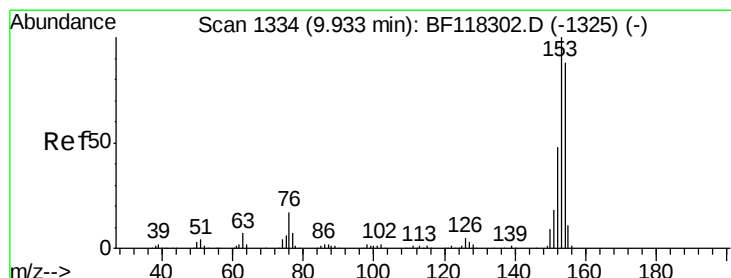
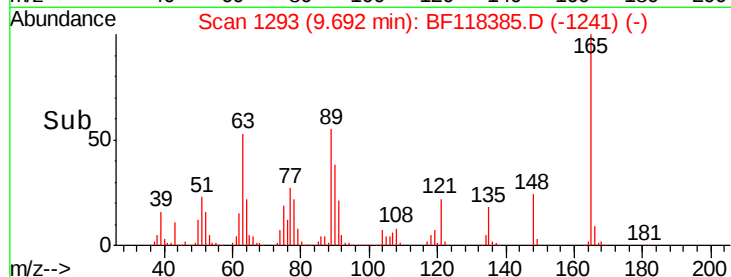
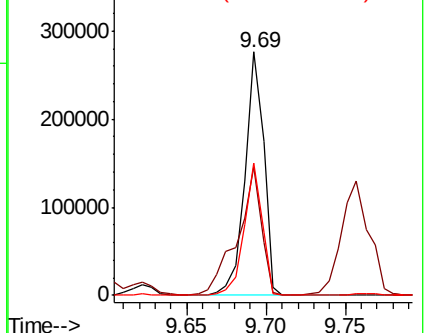
Ion	Ratio	Lower	Upper
165	100		
63	52.7	42.2	63.4
89	54.5	44.4	66.6



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: 42.831 ng

RT: 9.94 min Scan# 1335

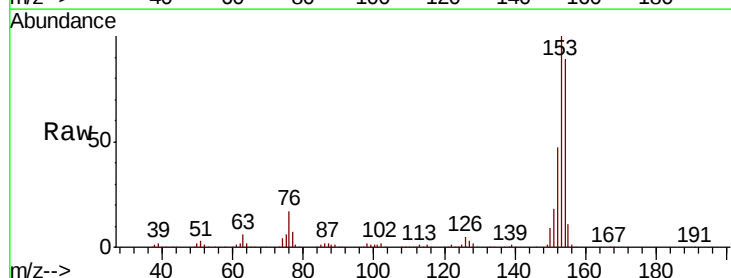
Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Tgt Ion:154 Resp: 762918

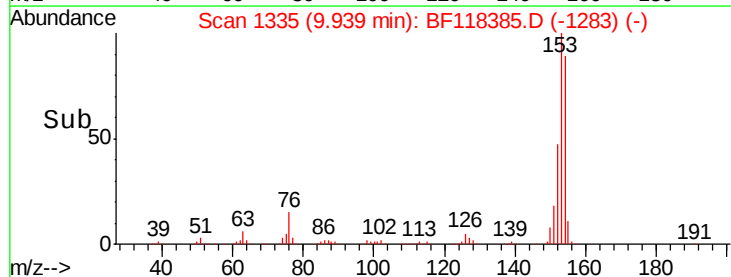
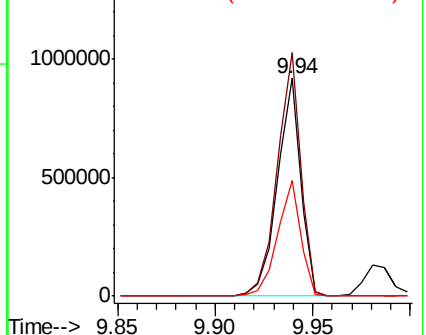
Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.6	136.0
152	53.0	43.1	64.7

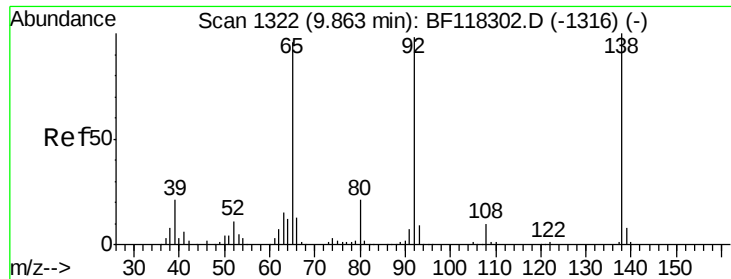


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

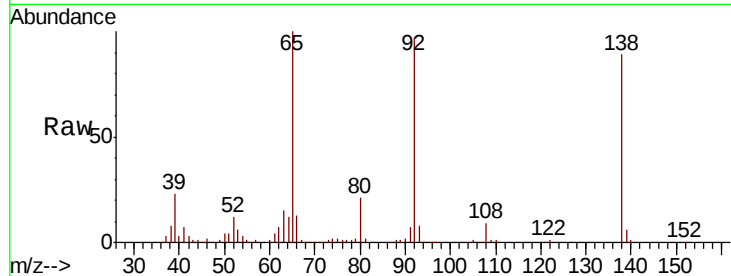




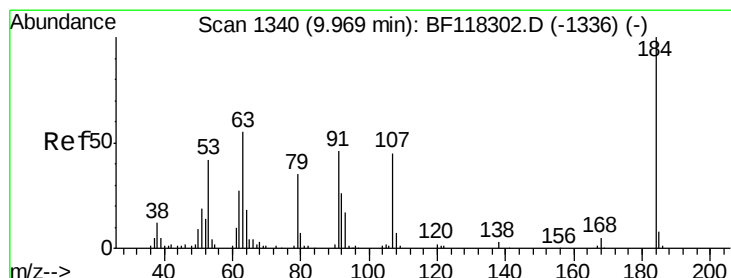
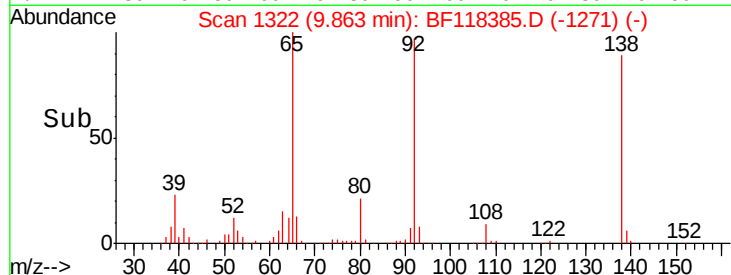
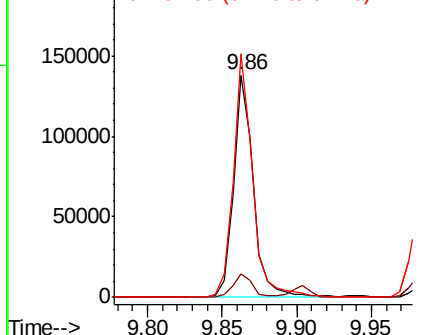
#53
3-Nitroaniline
Concen: 21.962 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 129209
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.8
92 109.6 78.2 117.2

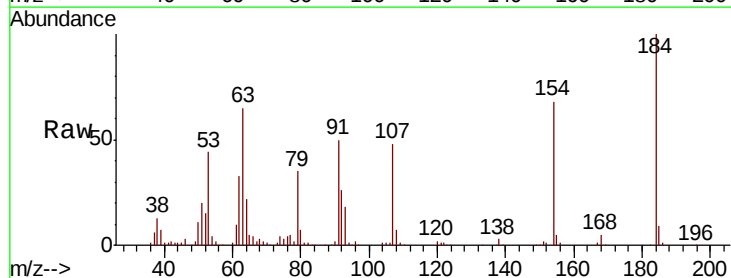


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

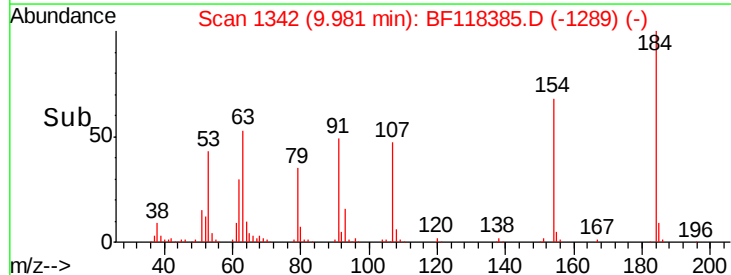
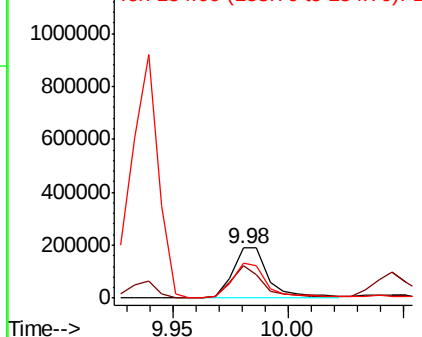


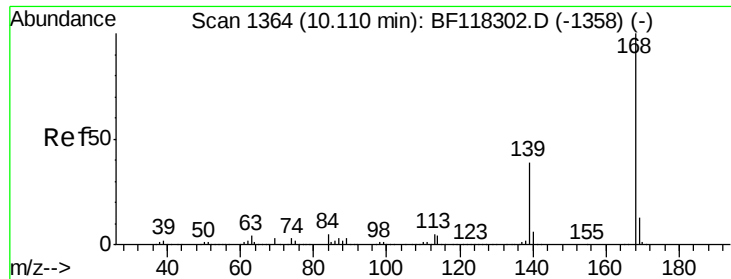
#54
2,4-Dinitrophenol
Concen: 82.472 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:184 Resp: 208873
Ion Ratio Lower Upper
184 100
63 65.3 48.8 73.2
154 68.4 55.0 82.4



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

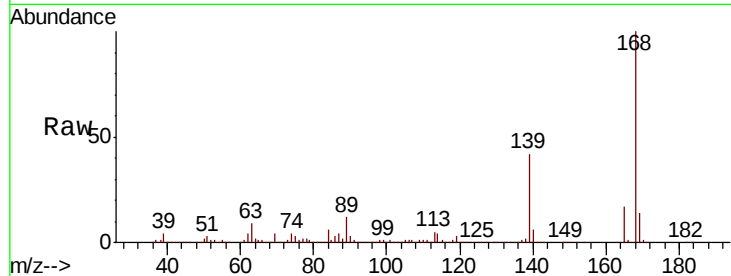




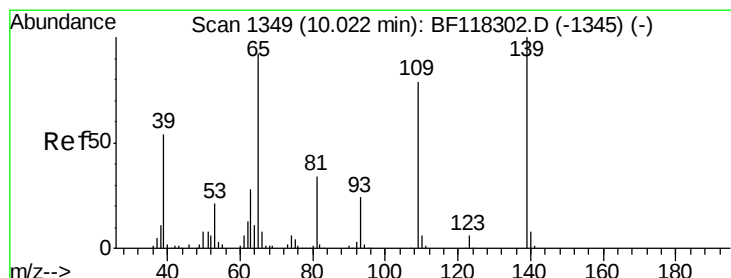
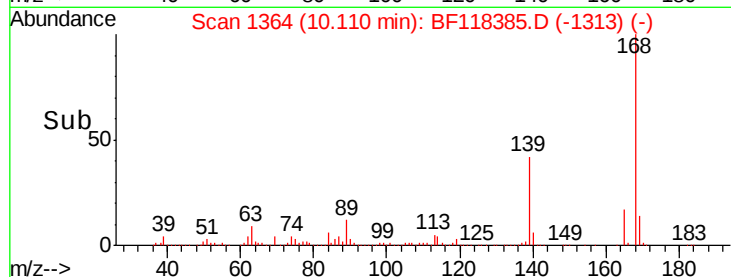
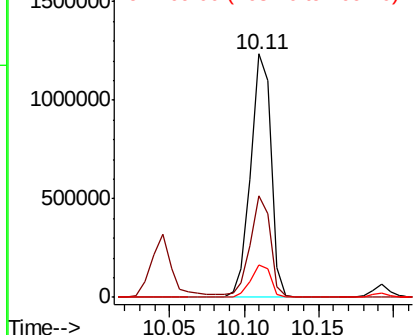
#55
Dibenzofuran
Concen: 43.981 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1157546
Ion Ratio Lower Upper
168 100
139 41.8 31.5 47.3
169 13.5 10.4 15.6

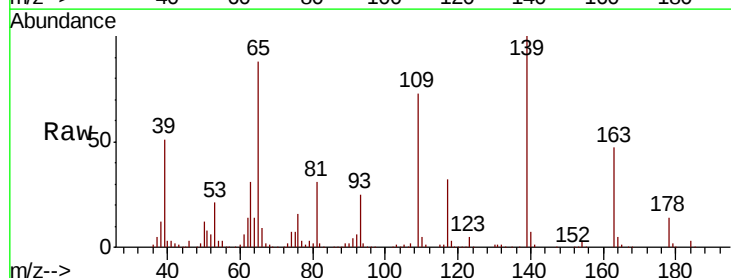


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

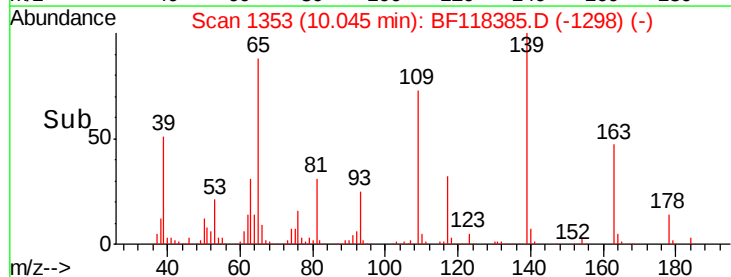
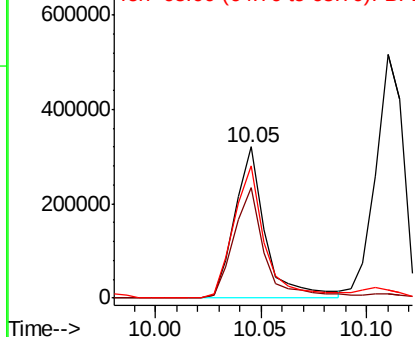


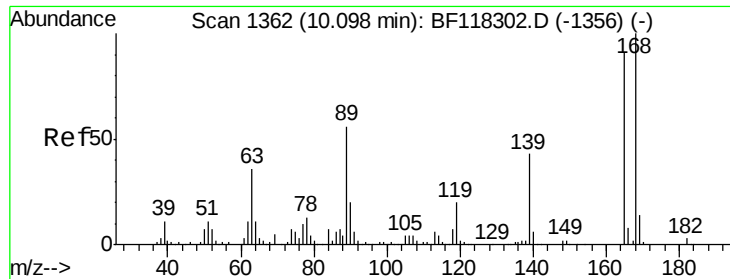
#56
4-Nitrophenol
Concen: 87.837 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:139 Resp: 319024
Ion Ratio Lower Upper
139 100
109 73.0 59.3 99.3
65 88.0 72.4 112.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

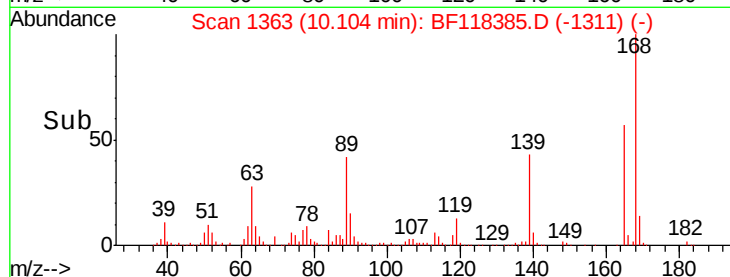
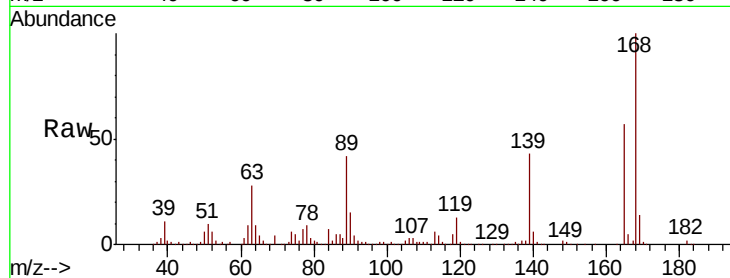




#57
2,4-Dinitrotoluene
Concen: 44.409 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	32.0	48.0#
89	74.6	49.3	73.9#
182	2.9	2.4	3.6



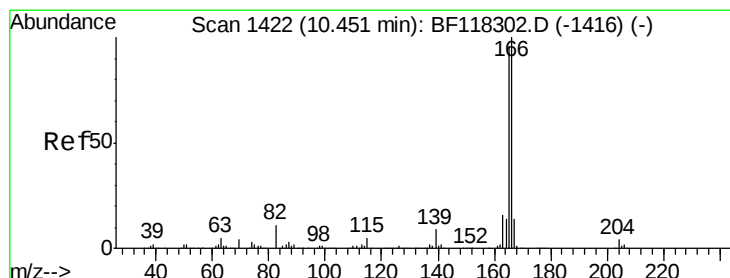
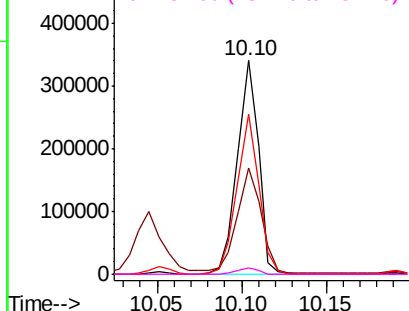
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

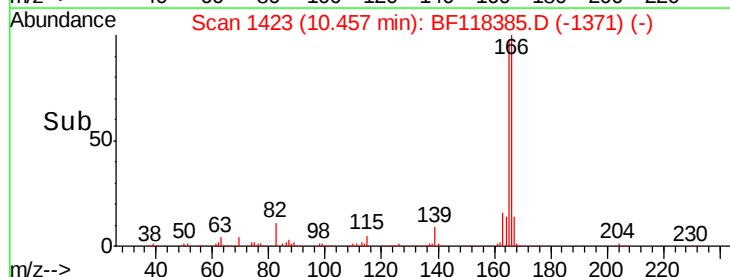
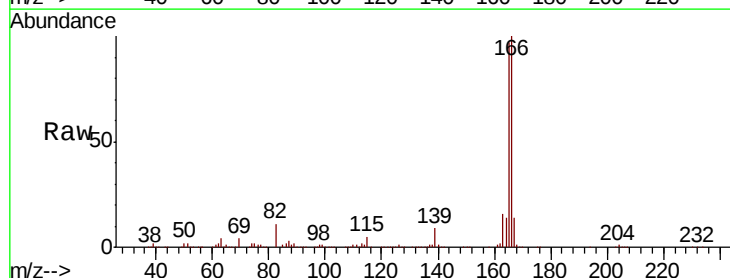
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.164 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.0	115.4
167	13.7	10.9	16.3

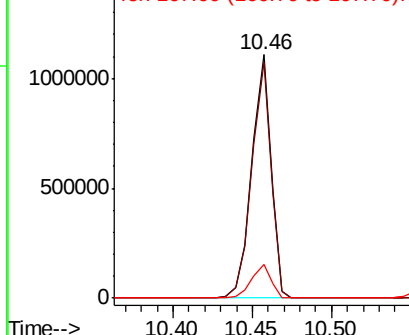


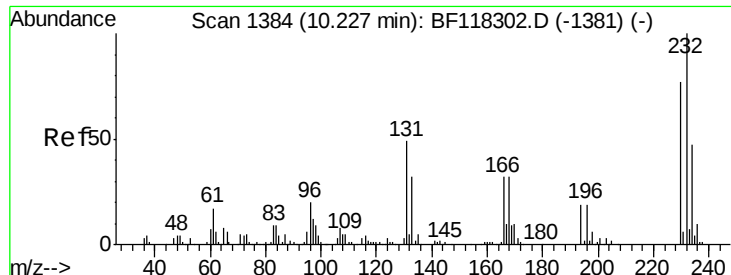
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

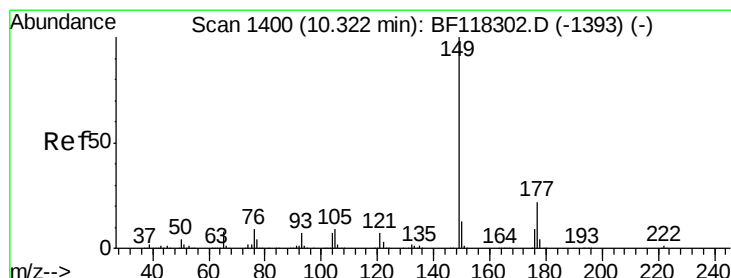
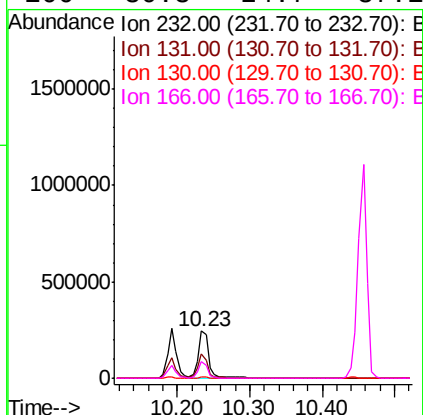
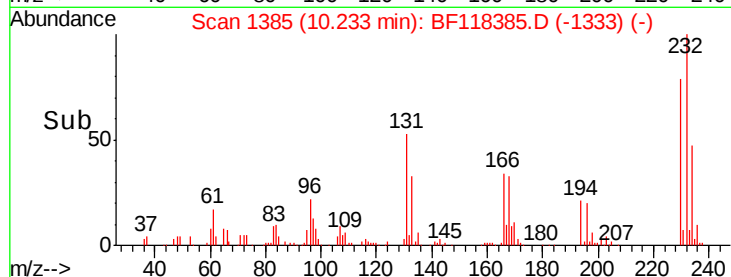
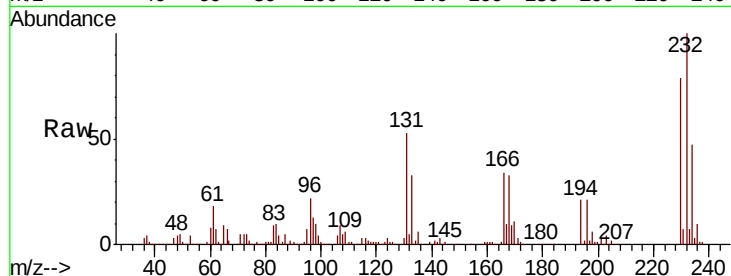




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.119 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

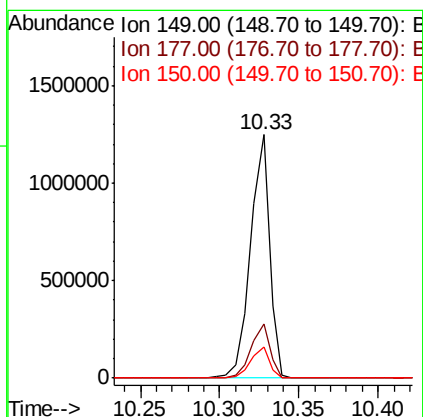
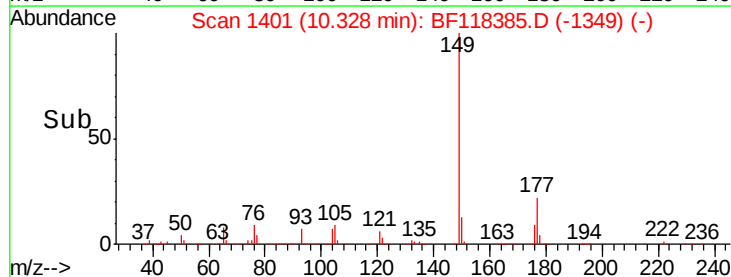
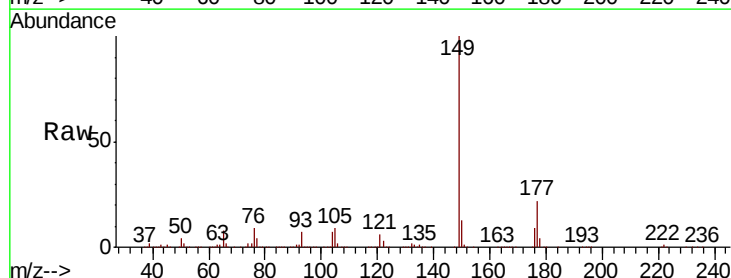
Instrument :
BNA_F
ClientSampleId :

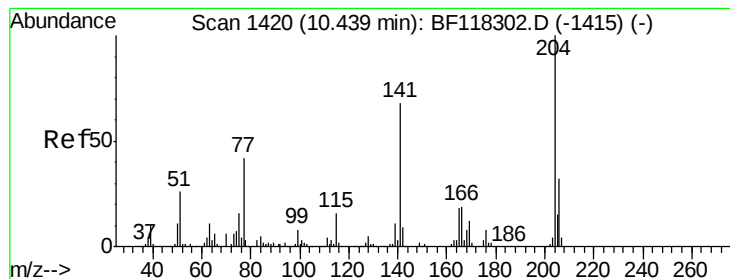
Tot Ion:232 Resp: 250628
Ion Ratio Lower Upper
232 100
131 44.4 37.7 56.5
130 2.3 2.0 3.0
166 30.3 24.7 37.1



#60
Diethylphthalate
Concen: 45.386 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:149 Resp: 1043969
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.7 10.2 15.2

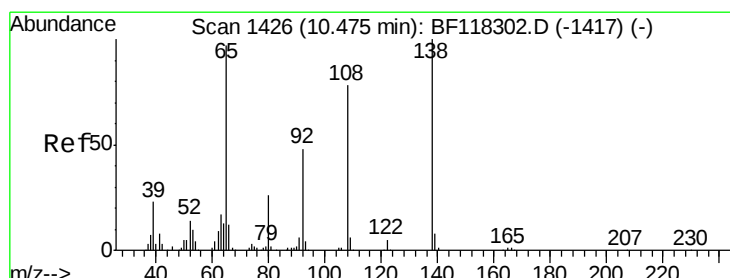
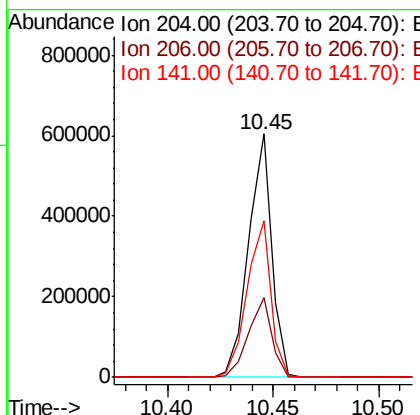
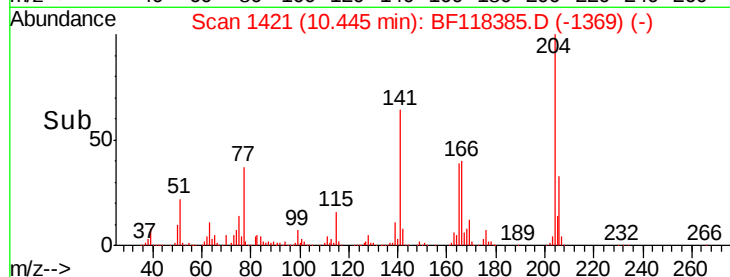
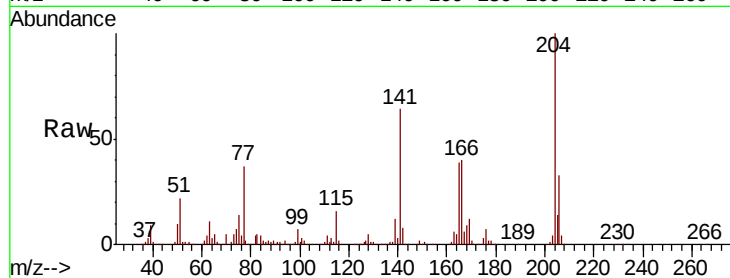




#61
 4-Chlorophenyl-phenylether
 Concen: 44.012 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

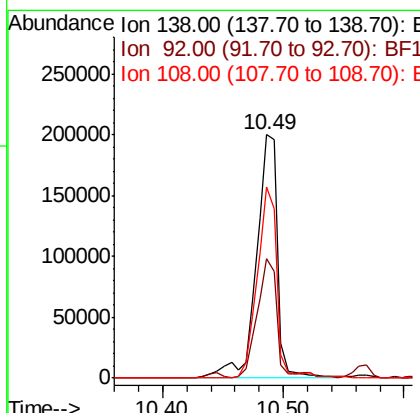
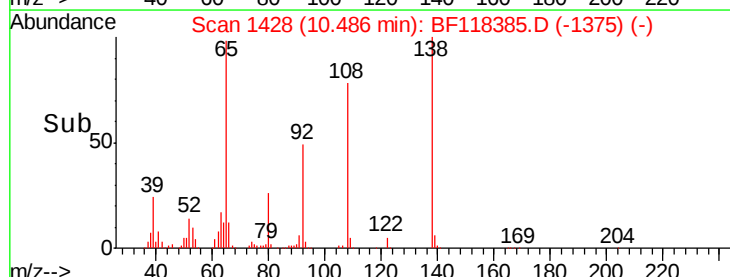
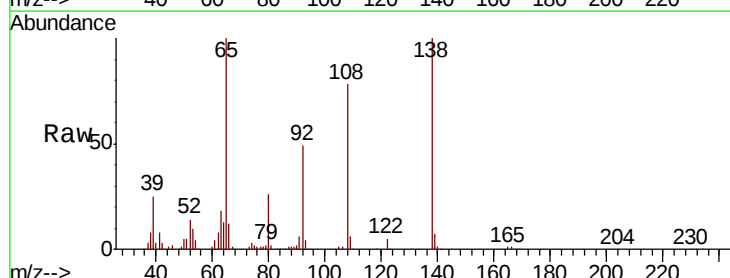
Instrument :
 BNA_F
 ClientSampleId :

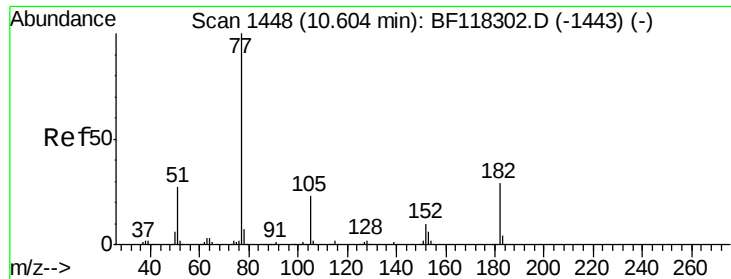
Tot Ion:	204	Resp:	466796
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.8
141	64.4	54.2	81.4



#62
 4-Nitroaniline
 Concen: 40.263 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion:	138	Resp:	246087
Ion	Ratio	Lower	Upper
138	100		
92	49.2	27.9	67.9
108	78.5	58.1	98.1

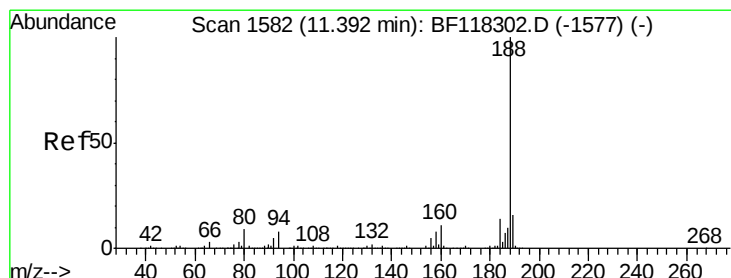
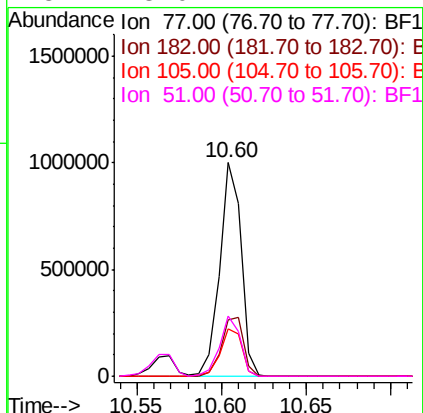
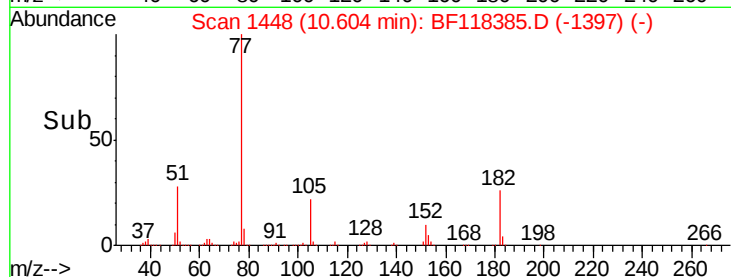
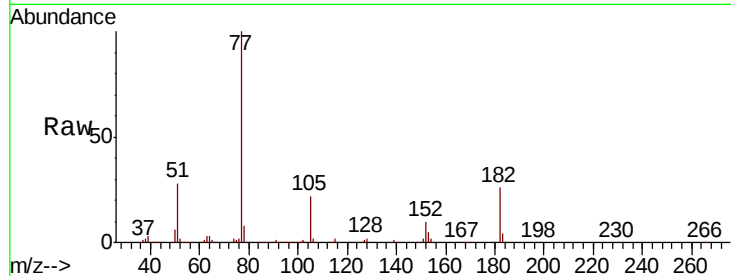




#63
Azobenzene
Concen: 45.008 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

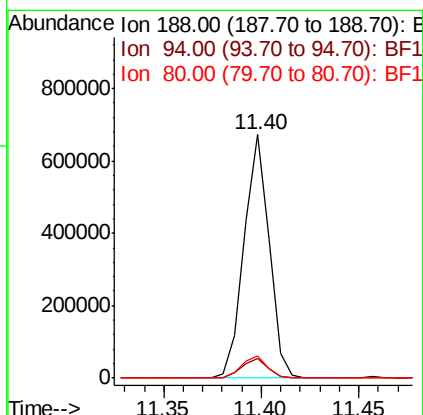
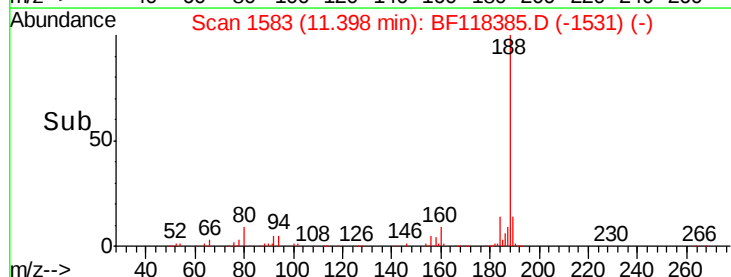
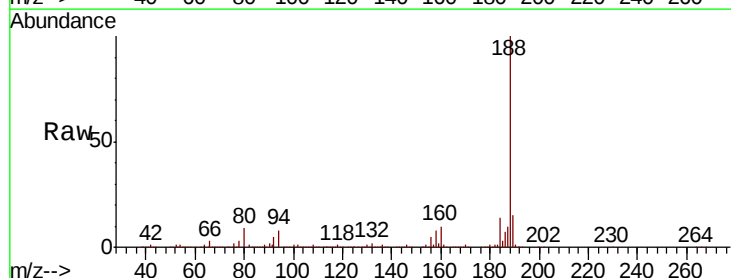
Instrument :
BNA_F
ClientSampleId :

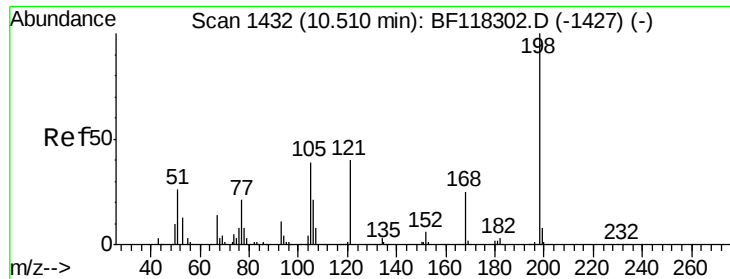
Tot Ion:	77	Resp:	886752
Ion	Ratio	Lower	Upper
77	100		
182	26.4	9.2	49.2
105	22.2	3.2	43.2
51	28.0	7.1	47.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:	188	Resp:	601309
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.9	7.2	10.8

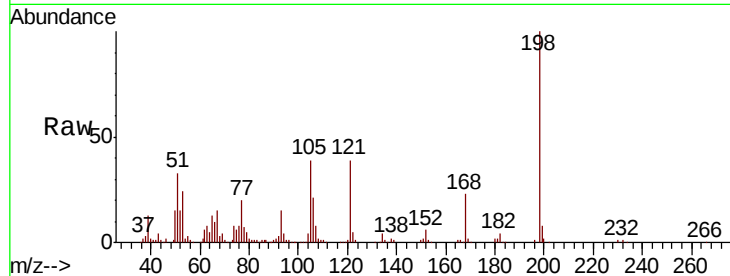




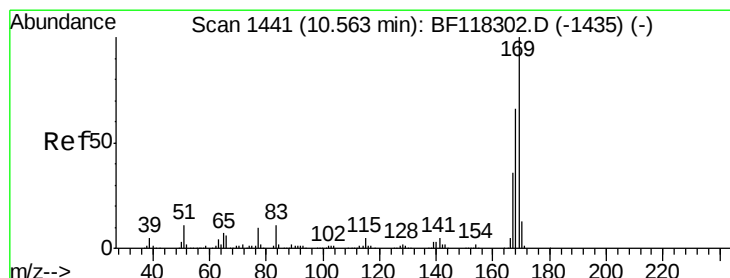
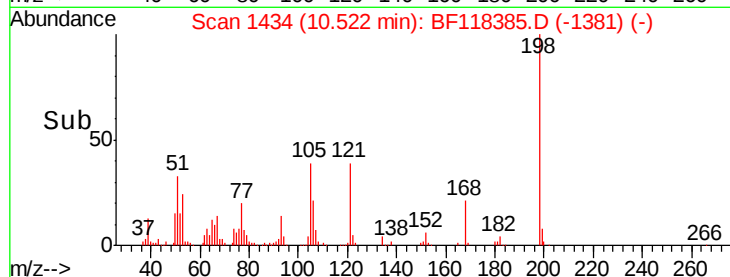
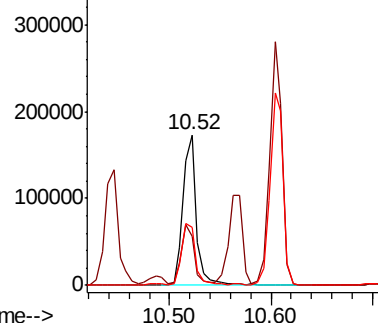
#65
4,6-Dinitro-2-methylphenol
Concen: 49.405 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 160262
Ion Ratio Lower Upper
198 100
51 32.8 12.8 52.8
105 38.8 20.3 60.3

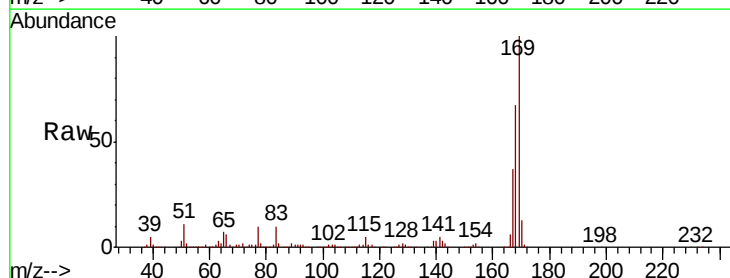


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

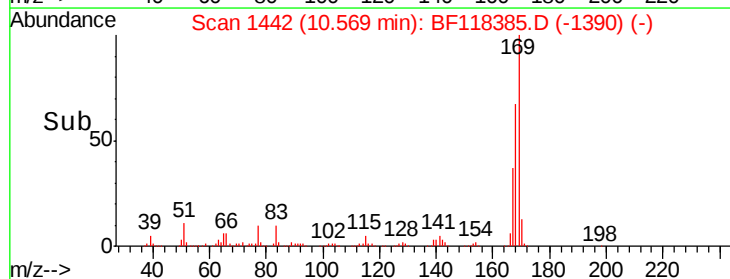
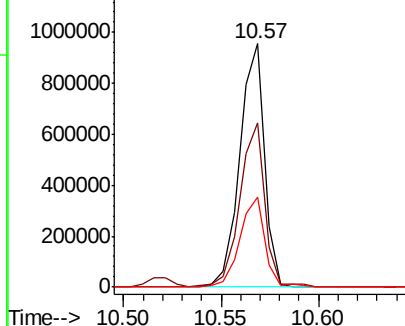


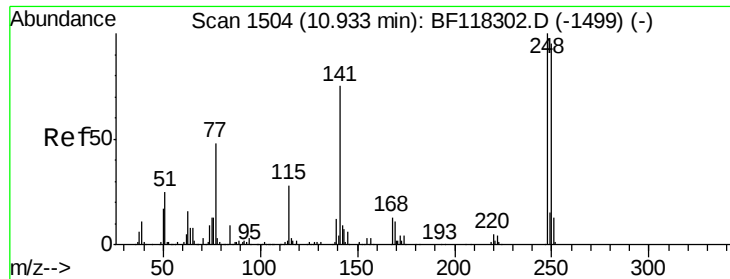
#66
n-Nitrosodiphenylamine
Concen: 43.446 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:169 Resp: 837293
Ion Ratio Lower Upper
169 100
168 67.2 52.6 79.0
167 36.8 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

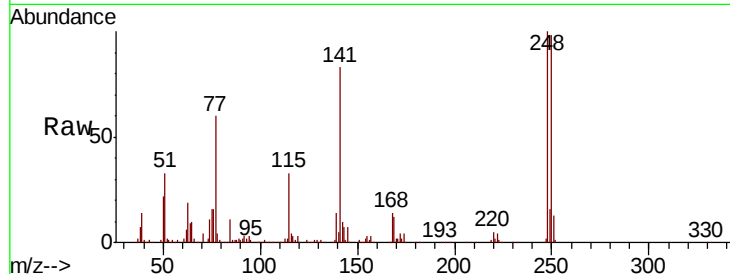




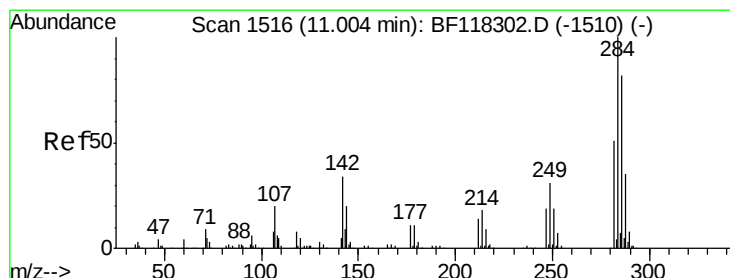
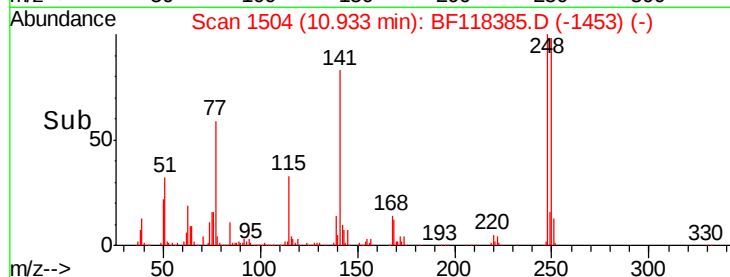
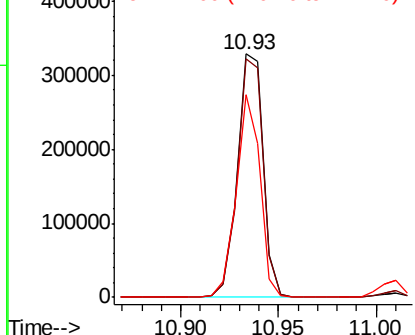
#67
4-Bromophenyl-phenylether
Concen: 42.774 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 301002
Ion Ratio Lower Upper
248 100
250 97.8 76.4 114.6
141 83.4 60.2 90.2

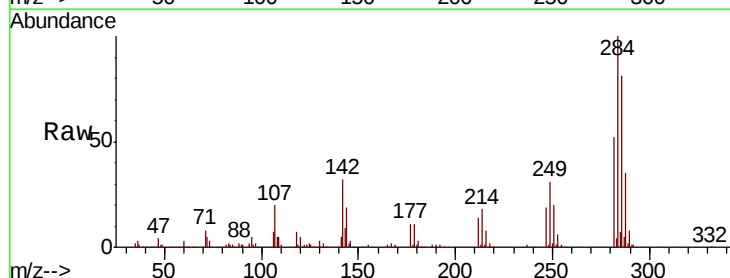


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

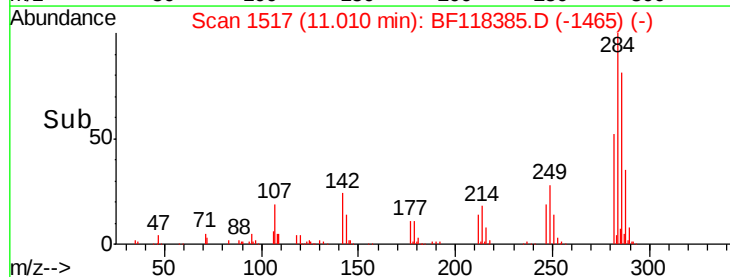
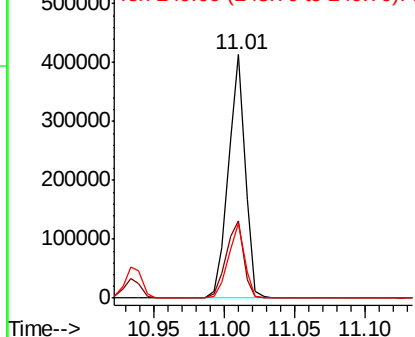


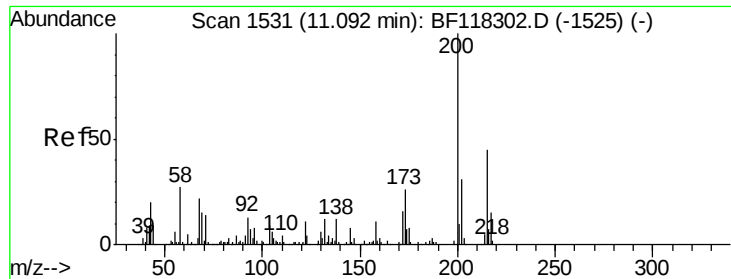
#68
Hexachlorobenzene
Concen: 41.302 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:284 Resp: 342114
Ion Ratio Lower Upper
284 100
142 32.0 27.3 40.9
249 30.6 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

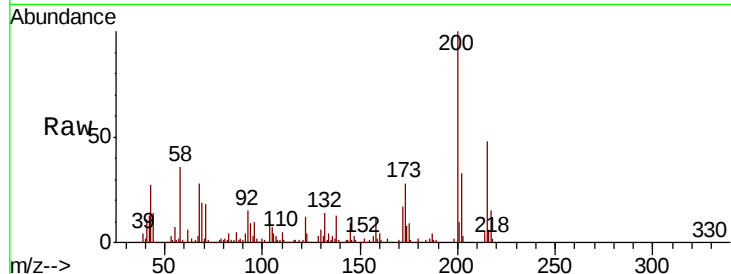




#69
Atrazine
Concen: 50.562 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	5.8	45.8
215	47.8	25.1	65.1

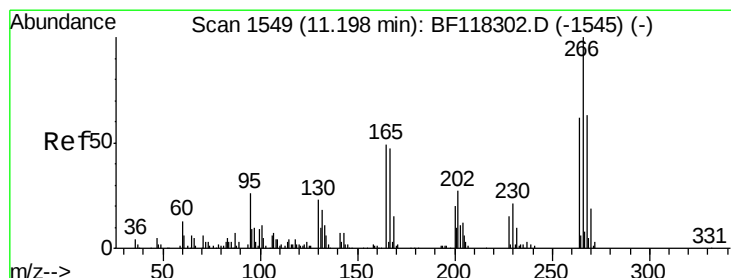
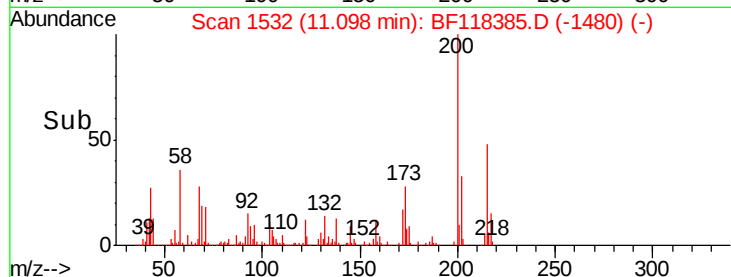
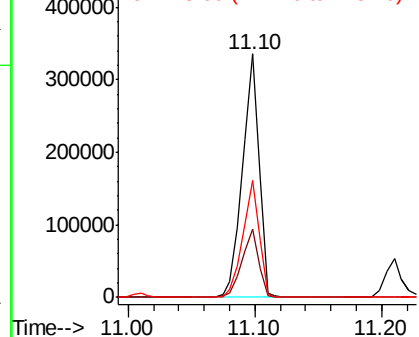


Abundance

Ion 200.00 (199.70 to 200.70): E

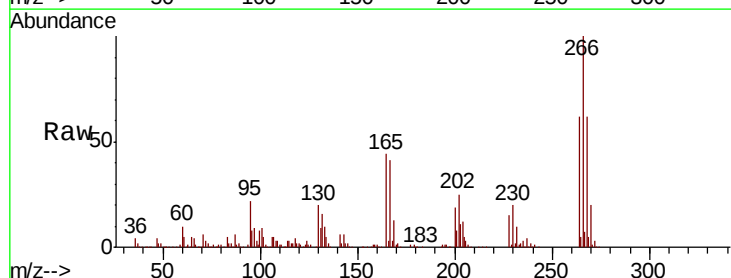
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.902 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	50.6	76.0
264	61.6	49.9	74.9

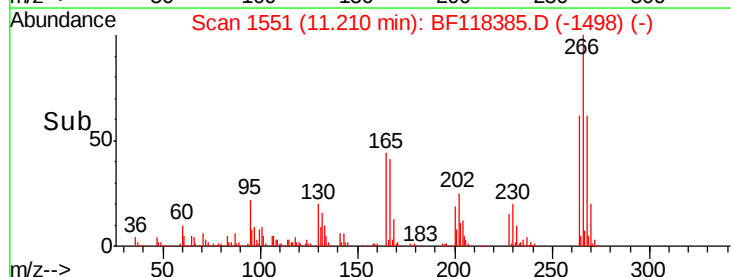
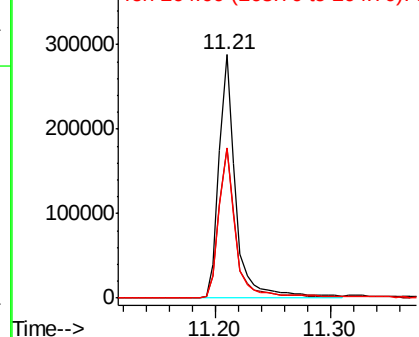


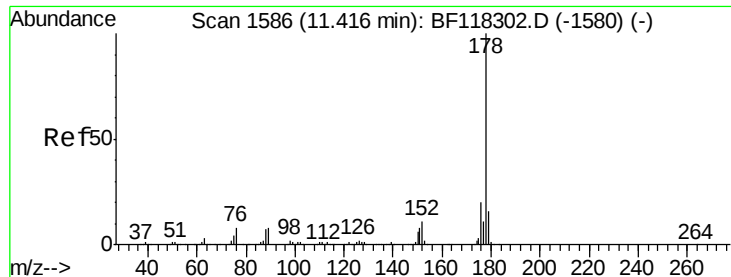
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

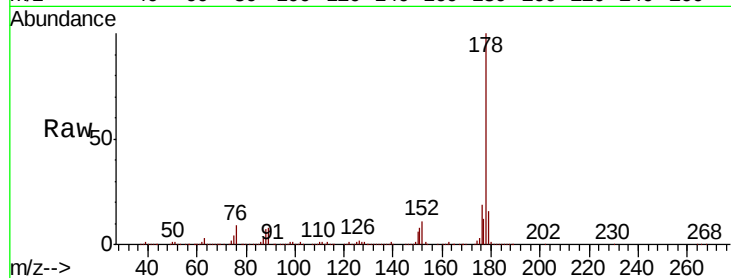




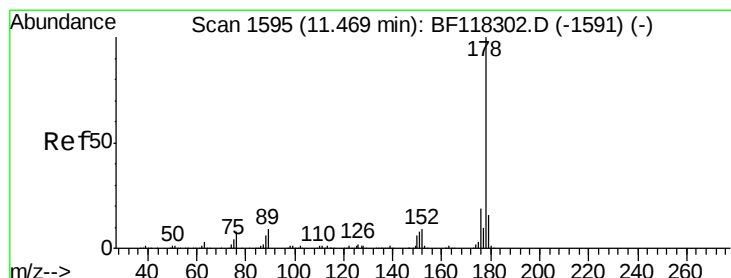
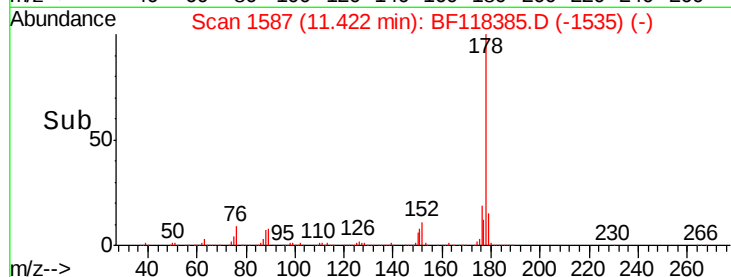
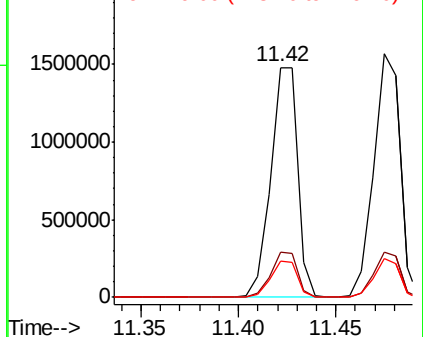
#71
Phenanthrene
Concen: 43.326 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1420240
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.6 12.6 19.0

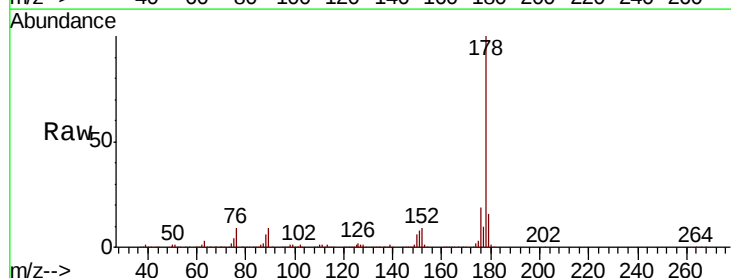


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

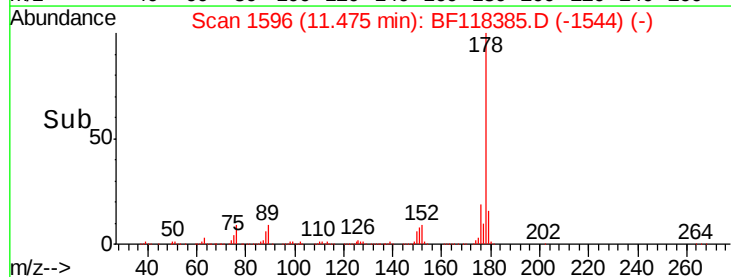
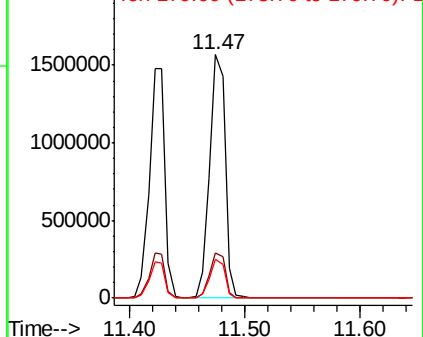


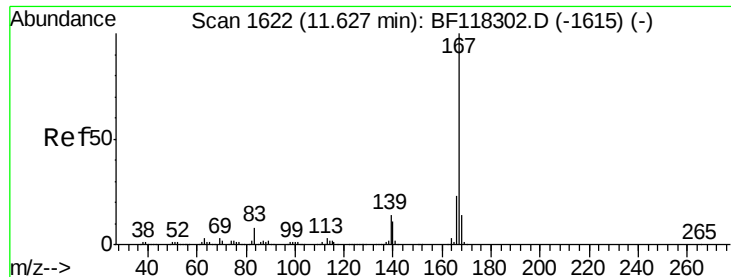
#72
Anthracene
Concen: 45.097 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:178 Resp: 1479697
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 15.7 12.9 19.3



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

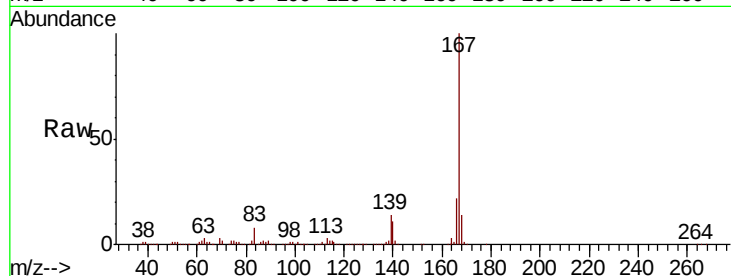




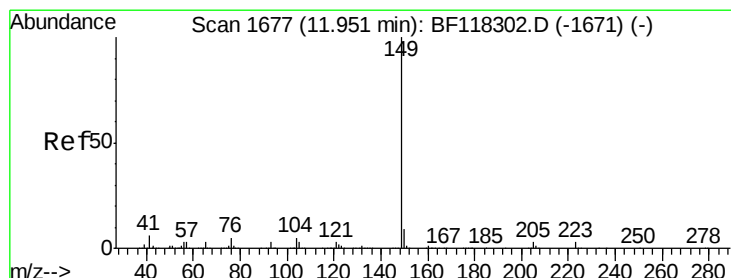
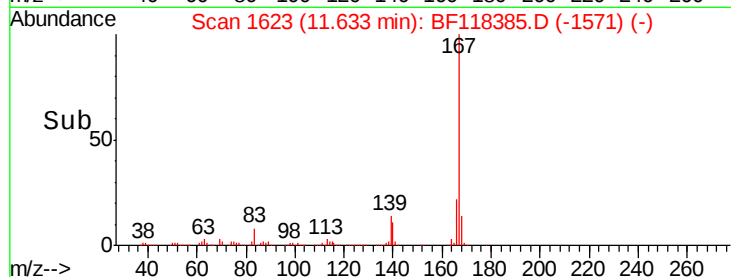
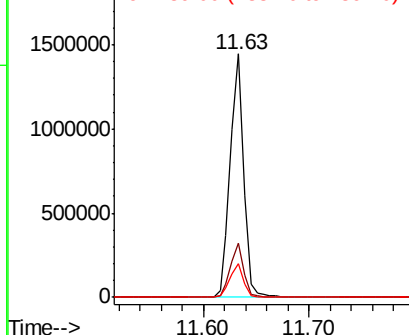
#73
 Carbazole
 Concen: 43.900 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1278122
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.9 11.5 17.3

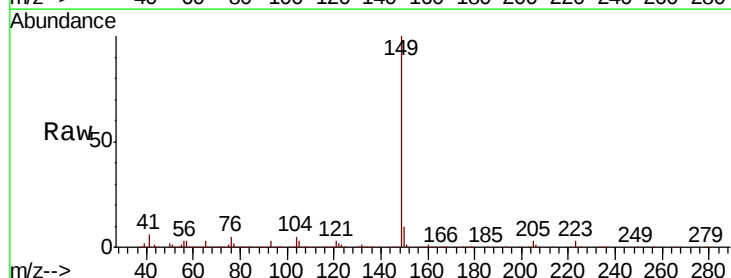


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

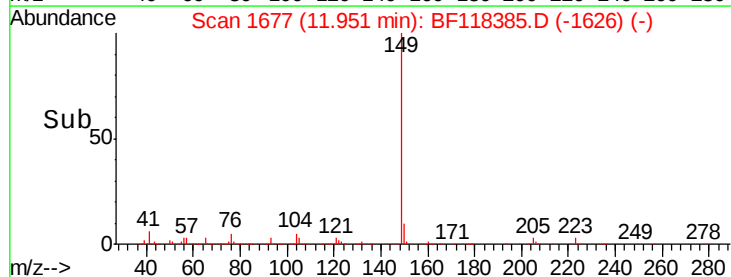
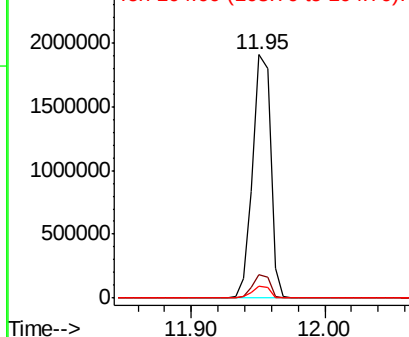


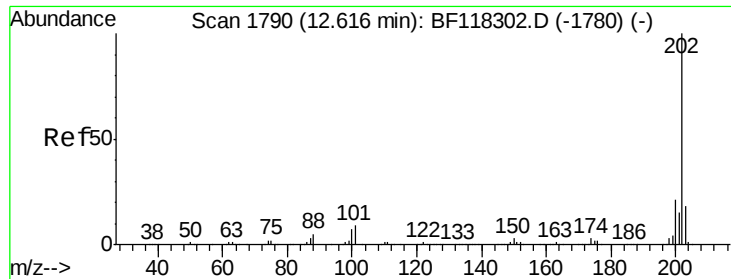
#74
 Di-n-butylphthalate
 Concen: 47.544 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion:149 Resp: 1755150
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.1 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: 45.069 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

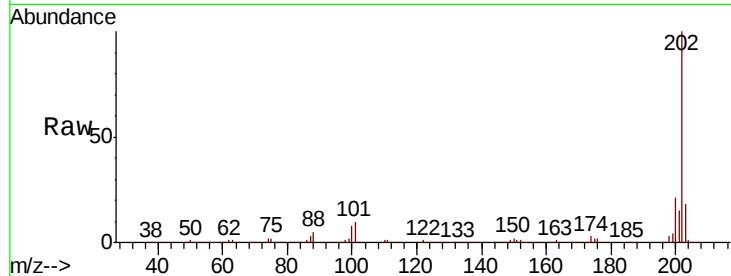
Tot Ion:202 Resp: 1490995

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.5

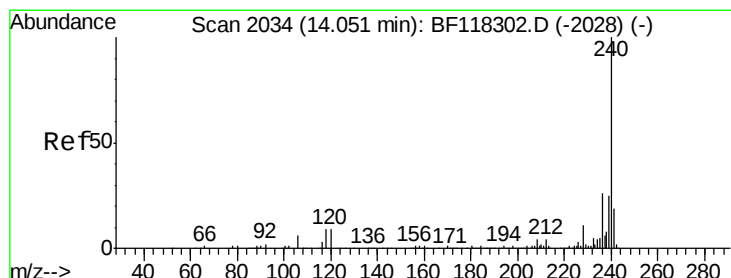
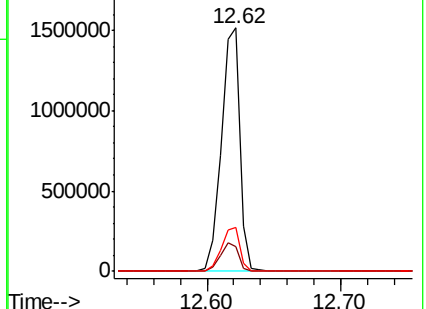
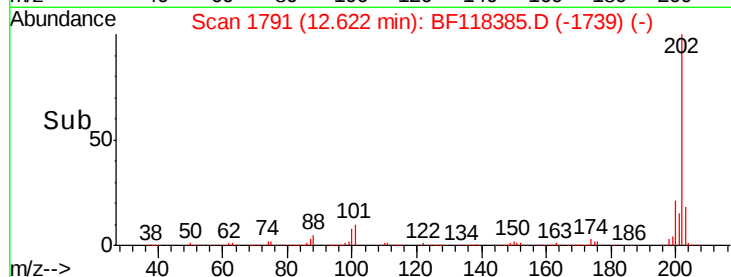
203 17.8 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

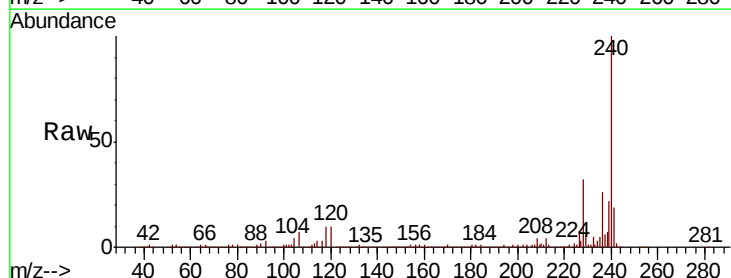
Tgt Ion:240 Resp: 427783

Ion Ratio Lower Upper

240 100

120 10.3 7.1 10.7

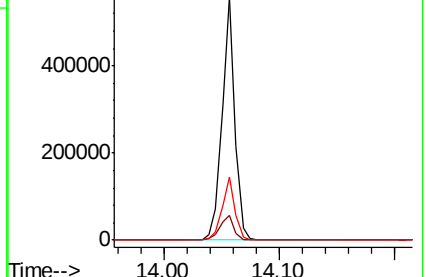
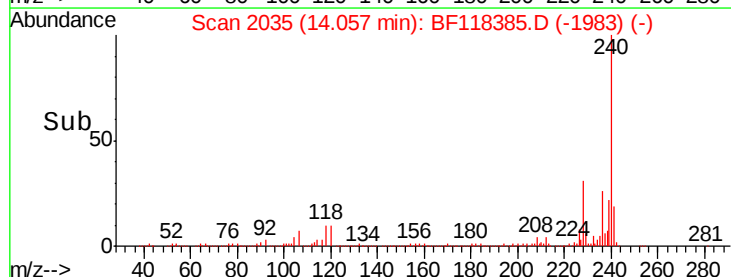
236 25.7 21.0 31.6

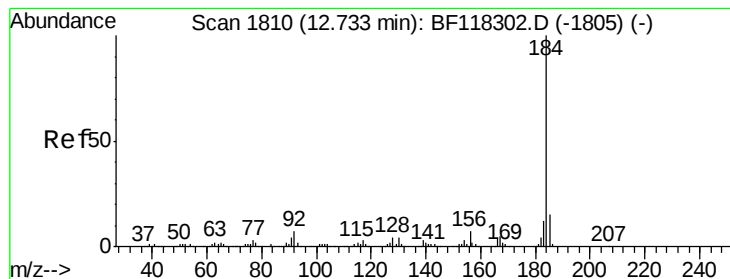


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 64.480 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampled :

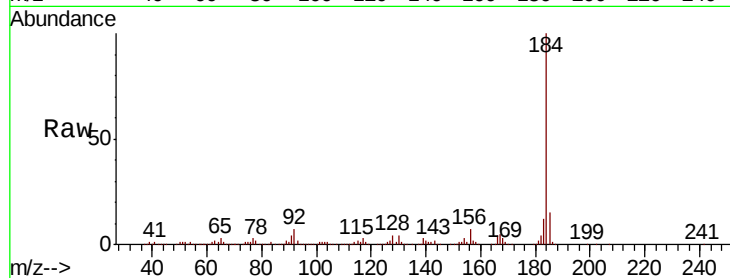
Tot Ion:184 Resp: 755798

Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

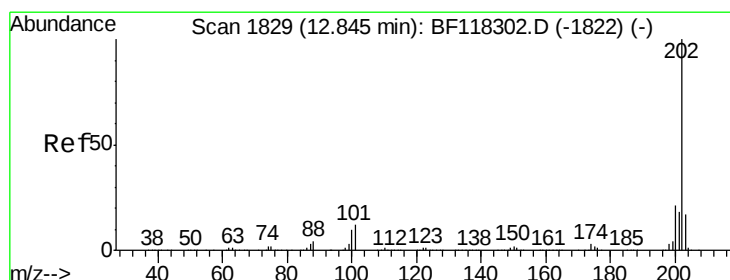
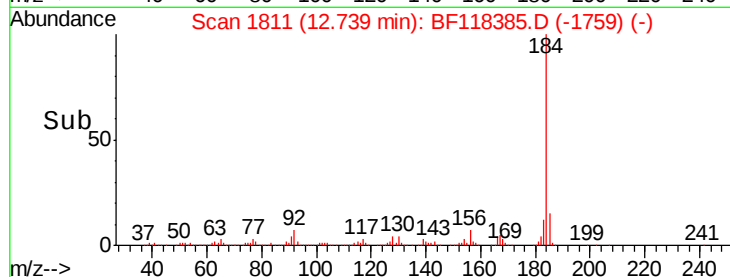
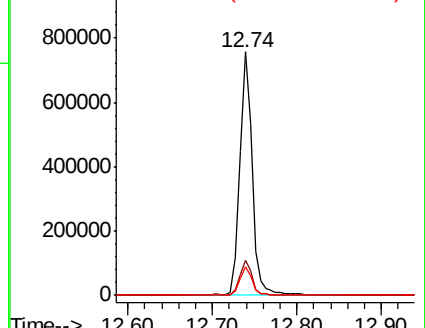
183 11.6 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.747 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

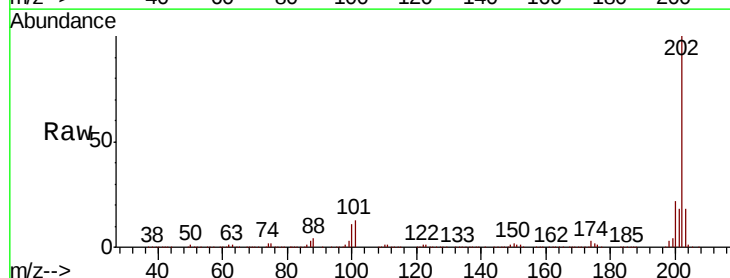
Tgt Ion:202 Resp: 1493268

Ion Ratio Lower Upper

202 100

200 21.9 16.8 25.2

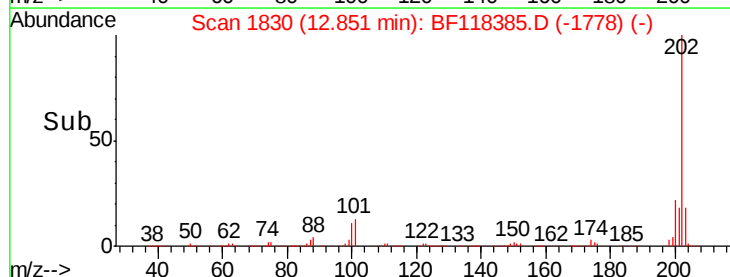
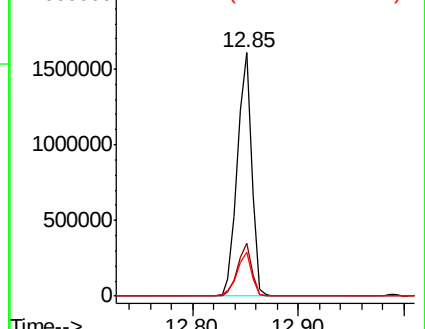
203 18.2 13.9 20.9

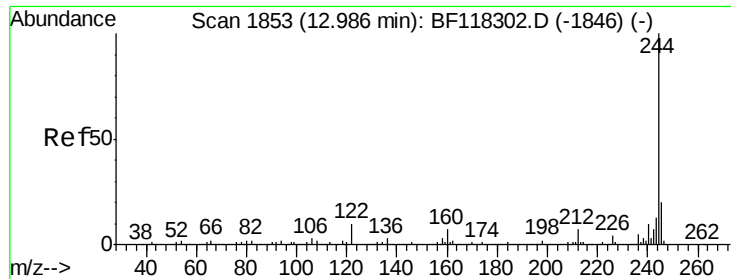


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.929 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

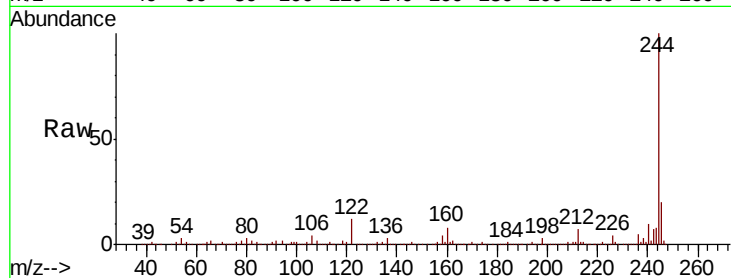
Tot Ion:244 Resp: 2241487

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

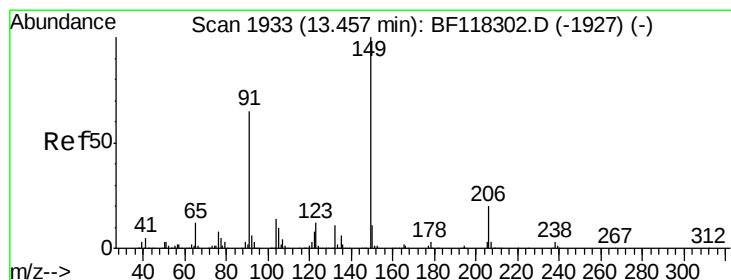
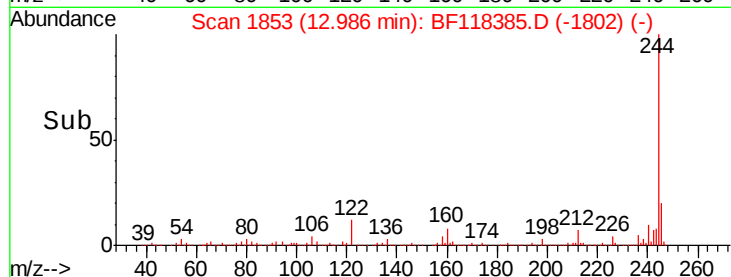
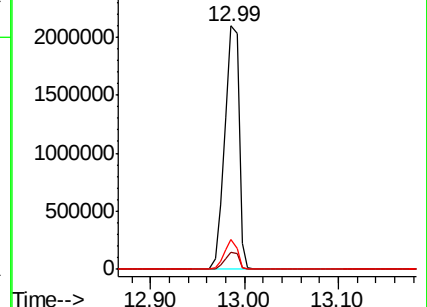
122 12.2 7.8 11.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.178 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

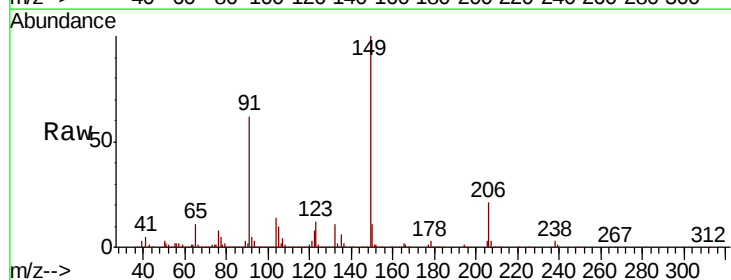
Tgt Ion:149 Resp: 742055

Ion Ratio Lower Upper

149 100

91 62.2 51.8 77.6

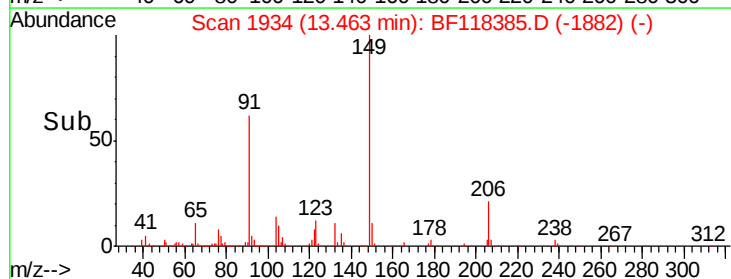
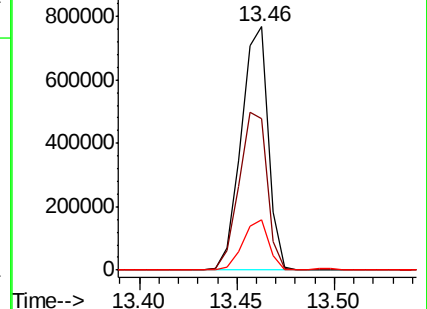
206 20.8 15.7 23.5

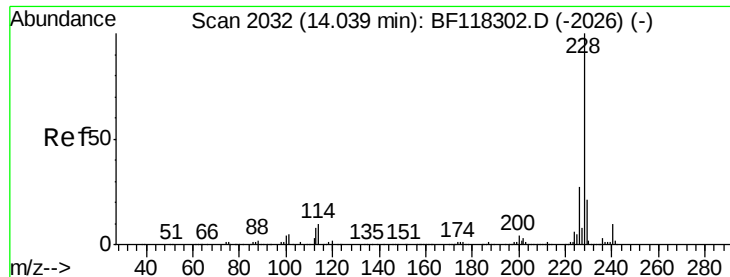


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.847 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

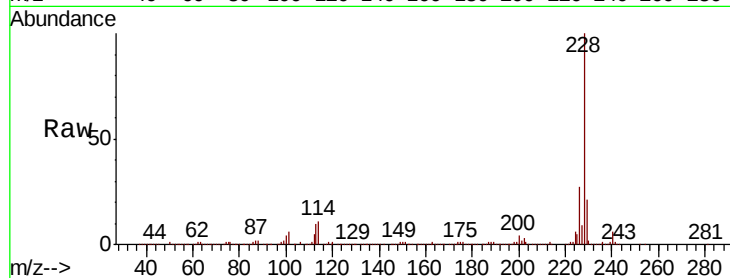
Tot Ion:228 Resp: 1312921

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

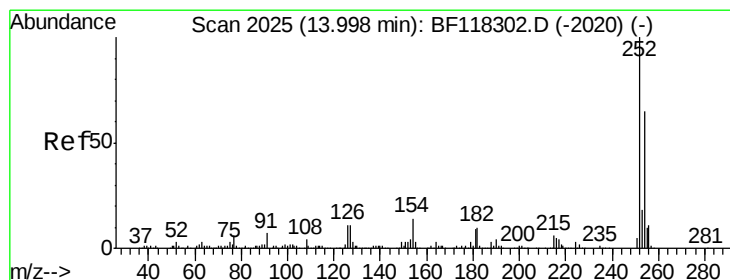
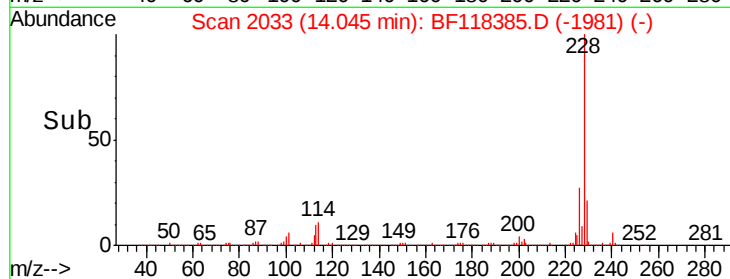
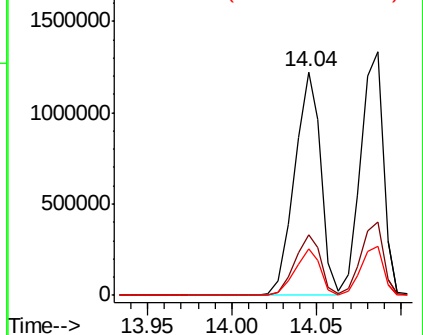
229 20.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.679 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

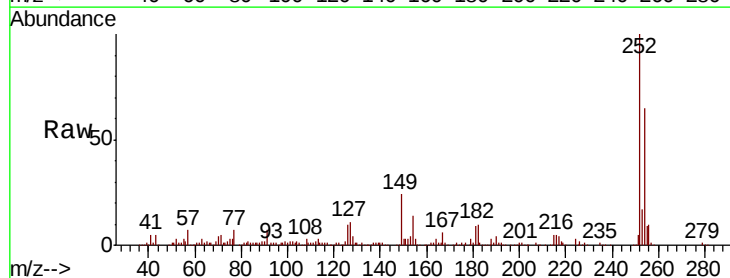
Tgt Ion:252 Resp: 311466

Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.8

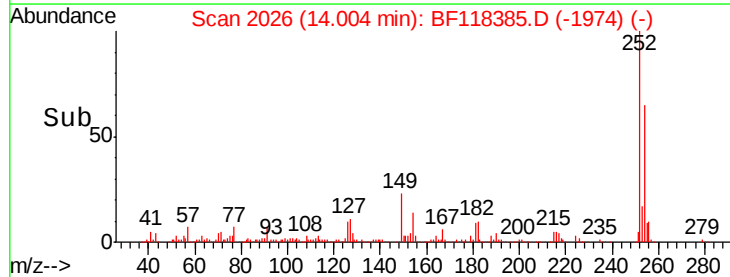
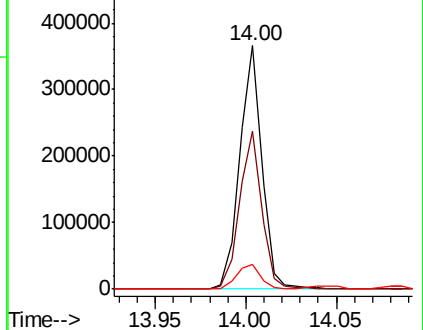
126 10.4 8.7 13.1

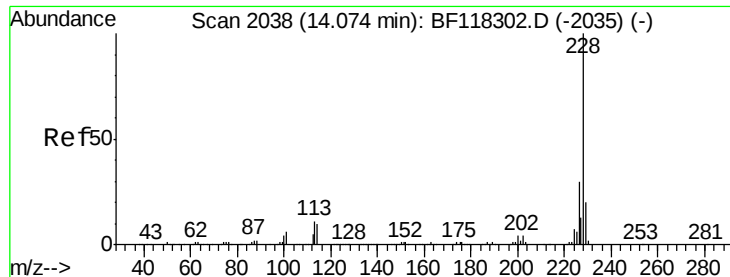


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



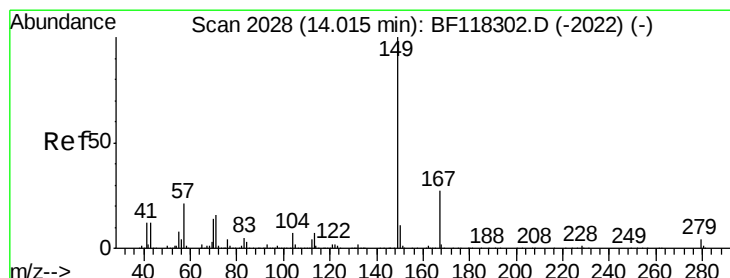
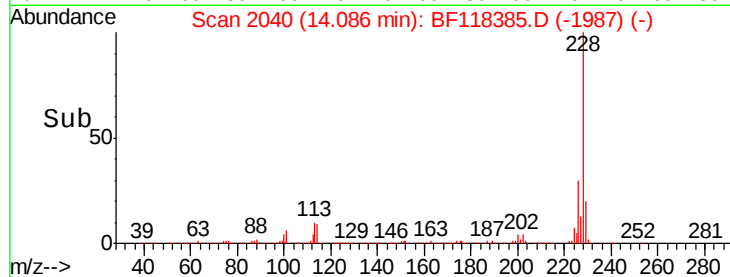
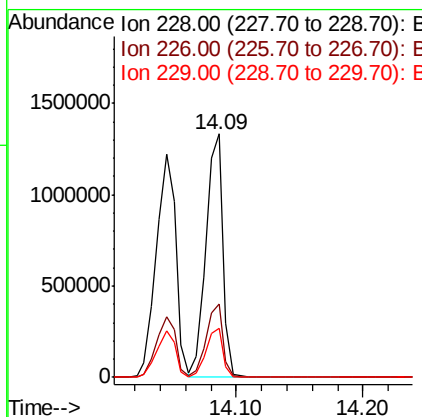
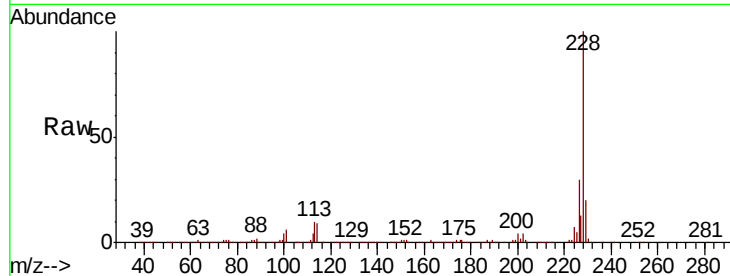


#83
 Chrysene
 Concen: 43.467 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1246269

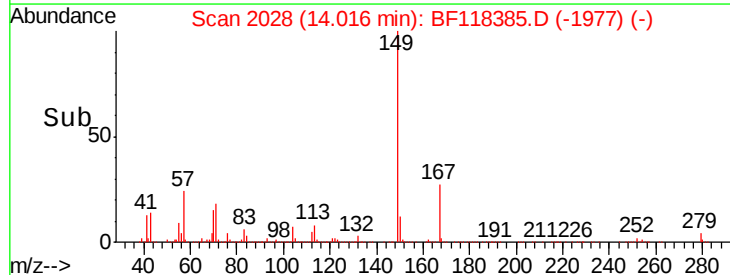
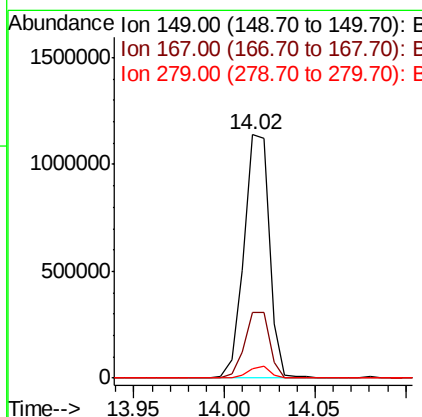
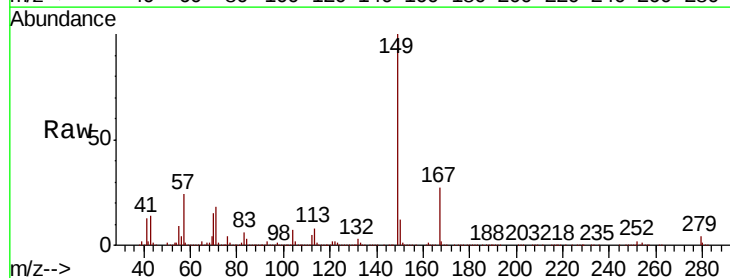
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	20.2	16.1	24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.657 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion:149 Resp: 1109757

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.8	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 57.252 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

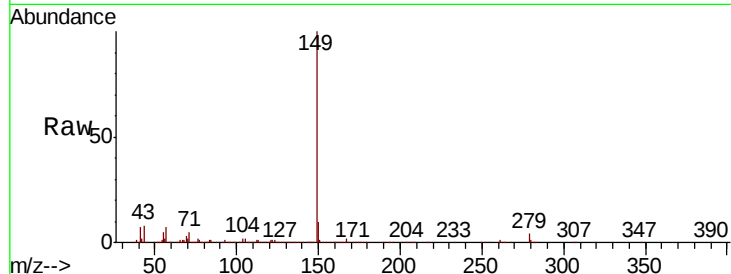
Tot Ion:149 Resp: 1741778

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

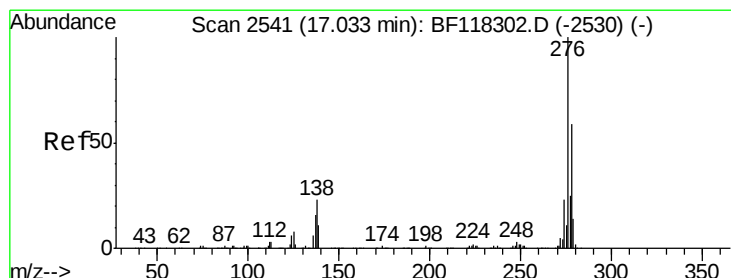
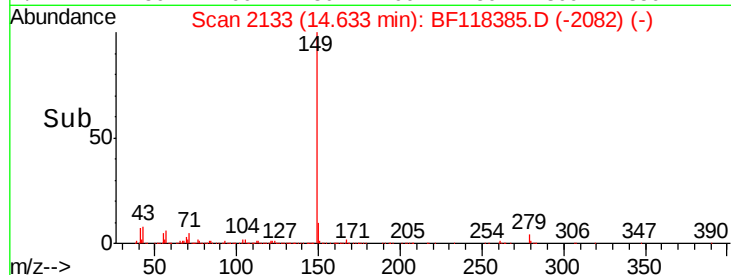
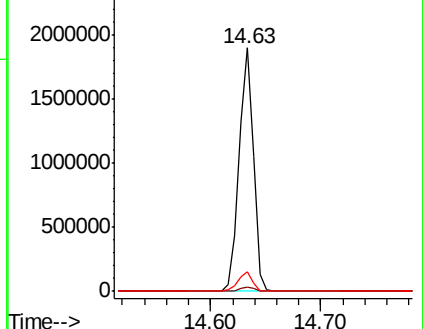
43 7.7 6.1 9.1



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: 47.148 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

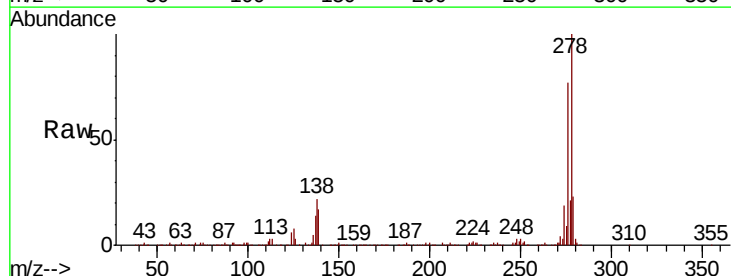
Tgt Ion:276 Resp: 1151810

Ion Ratio Lower Upper

276 100

138 24.8 19.5 29.3

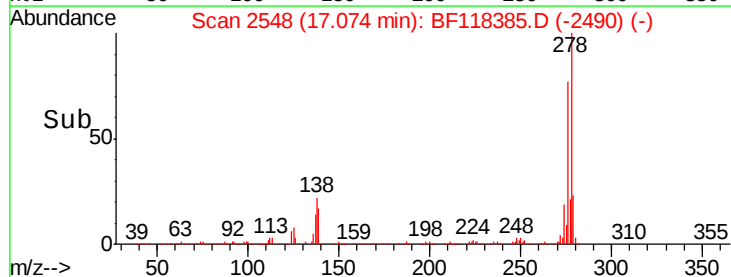
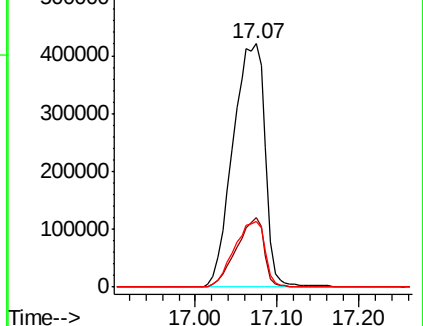
277 25.9 20.6 30.8

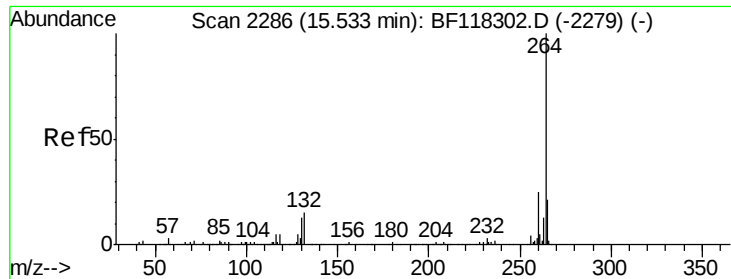


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

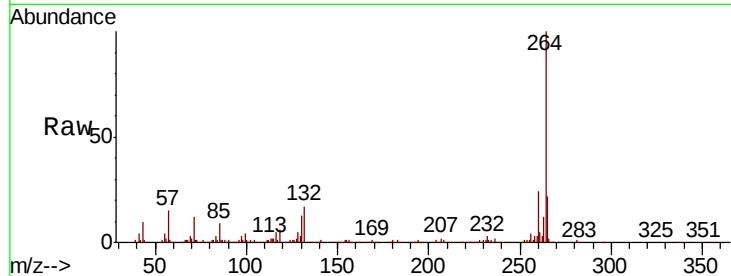
Tot Ion:264 Resp: 398091

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

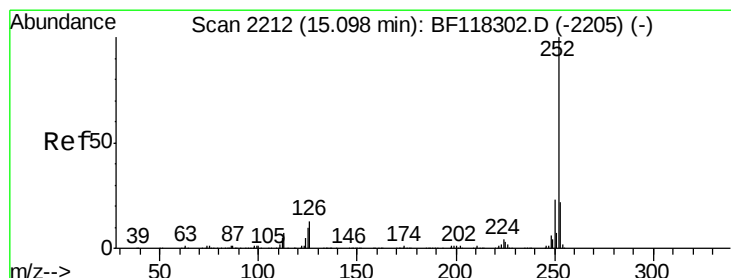
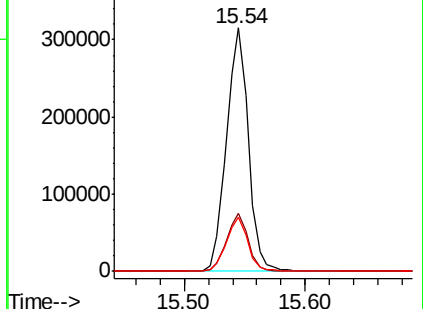
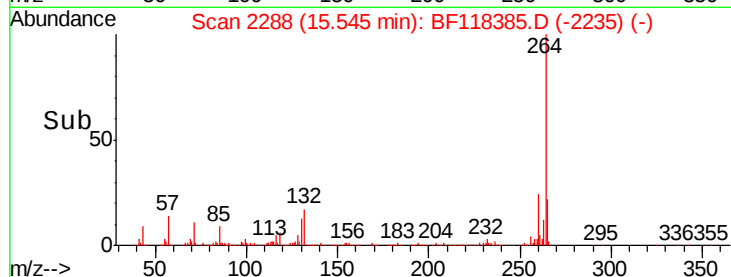
265 22.1 17.0 25.4



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: 42.987 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

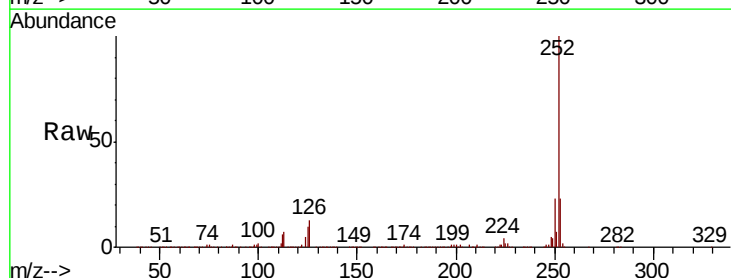
Tgt Ion:252 Resp: 1135935

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

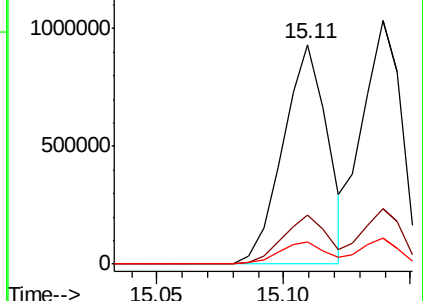
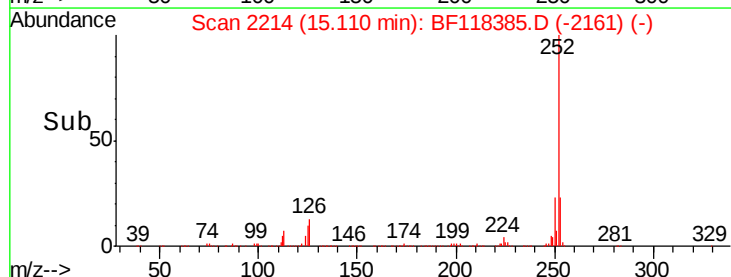
125 10.3 7.7 11.5

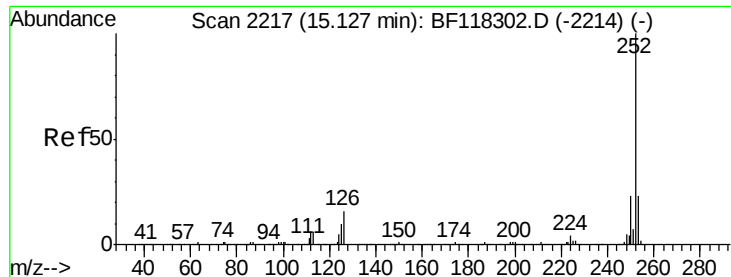


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

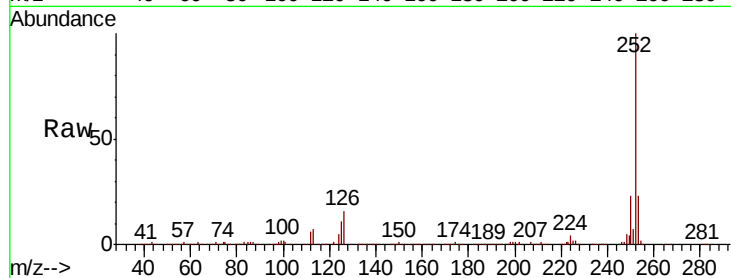




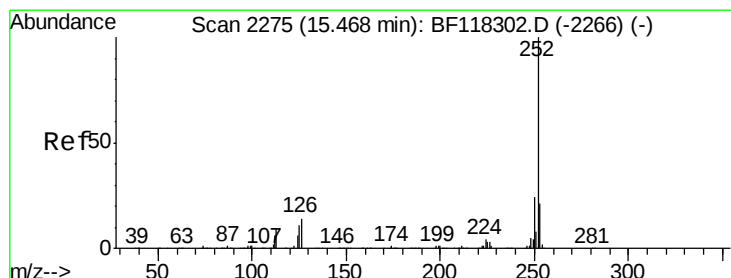
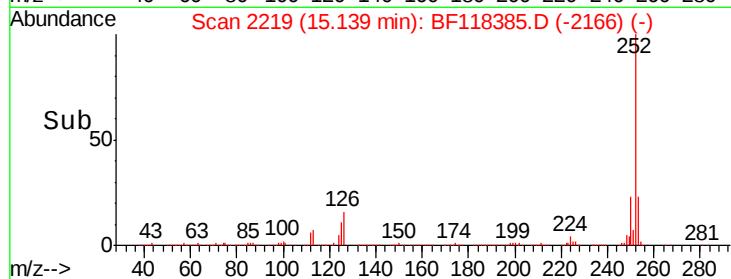
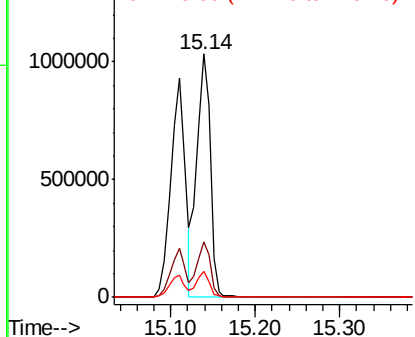
#89
Benzo(k)fluoranthene
Concen: 44.446 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1127732
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.6 8.0 12.0

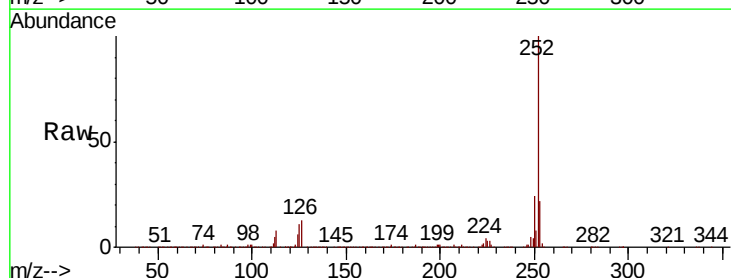


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

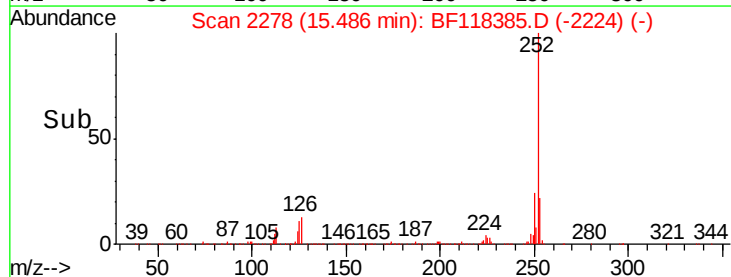
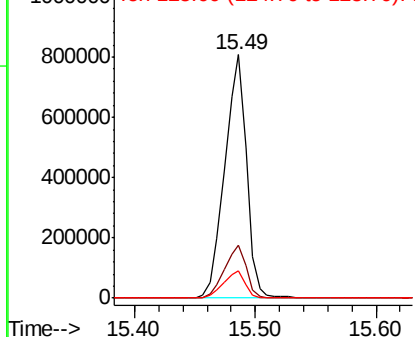


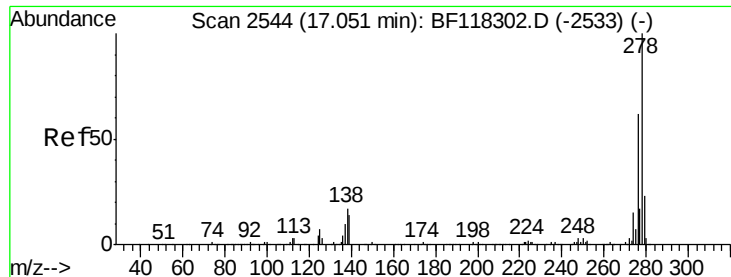
#90
Benzo(a)pyrene
Concen: 43.320 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:252 Resp: 1008418
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.1 9.0 13.4



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





#91

Dibenzo(a,h)anthracene

Concen: 48.866 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.03 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

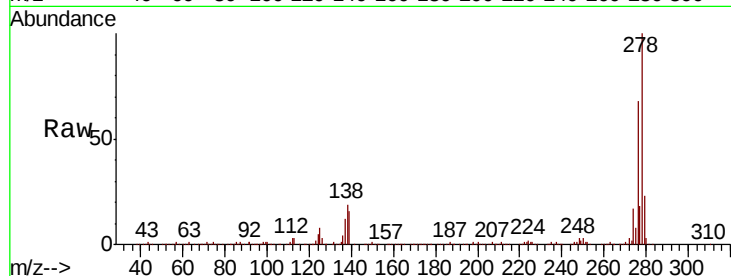
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 987126

Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.5	17.3
279	23.1	18.3	27.5

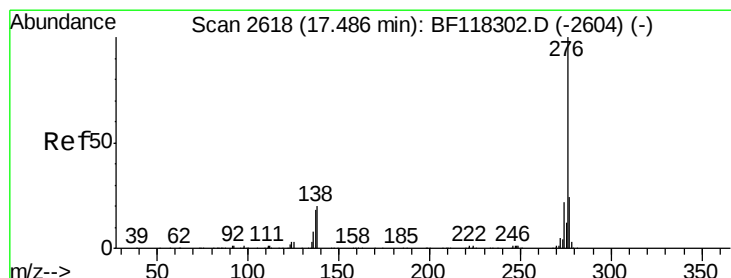
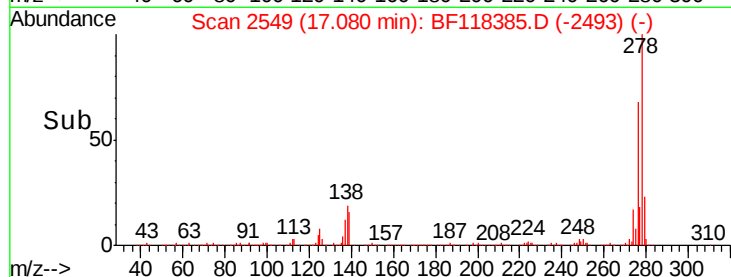
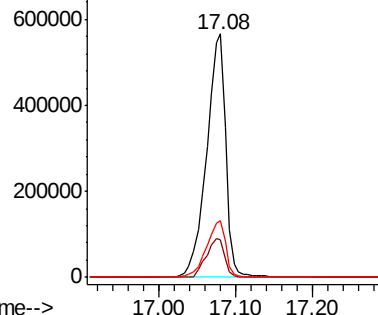


Abundance

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: 48.725 ng

RT: 17.52 min Scan# 2624

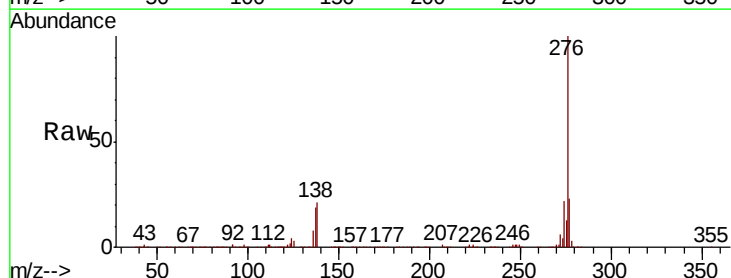
Delta R.T. 0.04 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Tgt Ion:276 Resp: 950801

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	21.4	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

