

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118103.D
 Acq On : 4 Dec 2019 23:06
 Operator : JU
 Sample : K5675-11MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:42:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179270	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	702340	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	375691	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	722836	20.00	ng	0.00
76) Chrysene-d12	14.07	240	414913	20.00	ng	0.00
87) Perylene-d12	15.57	264	456472	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1049401	103.62	ng	0.02
7) Phenol-d6	6.52	99	1322156	108.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	791314	66.98	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	466392	117.26	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1631535	77.91	ng	0.00
79) Terphenyl-d14	13.02	244	2046258	90.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.80	88	135436	28.609	ng	# 83
3) Pyridine	3.53	79	206383	16.619	ng	99
4) n-Nitrosodimethylamine	3.46	42	141985	26.193	ng	92
6) Aniline	6.54	93	297615	18.437	ng	100
8) 2-Chlorophenol	6.67	128	421375	38.344	ng	96
9) Benzaldehyde	6.43	77	93696	7.952	ng	96
10) Phenol	6.53	94	484314	38.154	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	355625	34.887	ng	99
12) 1,3-Dichlorobenzene	6.82	146	420220	32.480	ng	96
13) 1,4-Dichlorobenzene	6.90	146	431239	32.976	ng	97
14) 1,2-Dichlorobenzene	7.05	146	404883	32.372	ng	99
15) Benzyl Alcohol	7.02	79	330591	35.054	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	430004	27.399	ng	98
17) 2-Methylphenol	7.13	107	341013	36.643	ng	99
18) Hexachloroethane	7.39	117	152313	31.705	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	255539	33.909	ng	95
20) 3+4-Methylphenols	7.29	107	419553	36.318	ng	90
22) Acetophenone	7.29	105	552650	35.023	ng	# 93
24) Nitrobenzene	7.46	77	364982	29.945	ng	94
25) Isophorone	7.70	82	718278	33.170	ng	99
26) 2-Nitrophenol	7.78	139	236788	39.914	ng	95
27) 2,4-Dimethylphenol	7.82	122	325277	35.285	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	461156	33.559	ng	99
29) 2,4-Dichlorophenol	8.02	162	355217	35.524	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	379044	32.680	ng	99
31) Naphthalene	8.19	128	1194903	36.494	ng	99
32) Benzoic acid	7.94	122	225917	29.269	ng	99
33) 4-Chloroaniline	8.23	127	217511	14.839	ng	97
34) Hexachlorobutadiene	8.30	225	178119	26.266	ng	96
35) Caprolactam	8.60	113	57988	18.247	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	319684	31.502	ng	97
37) 2-Methylnaphthalene	8.88	142	704101	31.827	ng	99
38) 1-Methylnaphthalene	8.98	142	663491	31.723	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	320331	29.360	ng	99

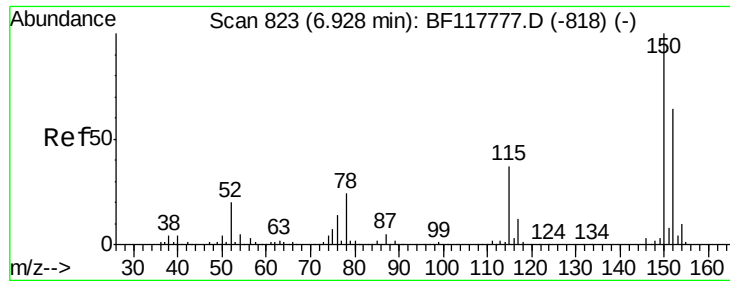
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118103.D
 Acq On : 4 Dec 2019 23:06
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Quant Time: Dec 05 00:42:03 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	294154	48.110	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	230884	29.545	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	256058	31.558	nq	98
46) 1,1'-Biphenyl	9.35	154	1024475	36.755	nq	99
47) 2-Chloronaphthalene	9.37	162	788136	34.372	nq	97
48) 2-Nitroaniline	9.47	65	225640	32.595	nq	98
49) Acenaphthylene	9.79	152	1257457	37.614	nq	99
50) Dimethylphthalate	9.65	163	936962	35.565	nq	99
51) 2,6-Dinitrotoluene	9.71	165	215752	37.471	nq	94
52) Acenaphthene	9.96	154	737439	34.435	nq	99
53) 3-Nitroaniline	9.88	138	189322	27.479	nq	99
54) 2,4-Dinitrophenol	9.99	184	177971	61.949	nq	99
55) Dibenzofuran	10.13	168	1119858	37.763	nq	99
56) 4-Nitrophenol	10.05	139	335183	65.177	nq	95
57) 2,4-Dinitrotoluene	10.12	165	290833	39.708	nq	# 87
58) Fluorene	10.48	166	876096	38.124	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	237775	35.666	nq	97
60) Diethylphthalate	10.35	149	912625	35.532	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	420200	36.031	nq	95
62) 4-Nitroaniline	10.50	138	247348	35.856	nq	96
63) Azobenzene	10.63	77	806062	34.496	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	131186	38.876	nq	97
66) n-Nitrosodiphenylamine	10.59	169	779433	37.051	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	270529	34.686	nq	96
68) Hexachlorobenzene	11.03	284	312553	34.368	nq	96
69) Atrazine	11.12	200	183927	26.579	nq	100
70) Pentachlorophenol	11.23	266	319776	60.185	nq	100
71) Phenanthrene	11.45	178	1329683	36.588	nq	99
72) Anthracene	11.50	178	1355837	37.629	nq	100
73) Carbazole	11.66	167	1083458	34.410	nq	99
74) Di-n-butylphthalate	11.98	149	1405108	35.841	nq	100
75) Fluoranthene	12.64	202	1444637	43.382	nq	99
78) Pyrene	12.87	202	1431383	42.688	nq	99
80) Butylbenzylphthalate	13.49	149	513159	35.632	nq	99
81) Benzo(a)anthracene	14.06	228	963198	35.130	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	316200	32.970	nq	99
83) Chrysene	14.10	228	925305	34.828	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	701771	40.193	nq	100
85) Di-n-octyl phthalate	14.66	149	1298605	50.627	nq	100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1033345	45.699	nq	98
88) Benzo(b)fluoranthene	15.13	252	1050834	35.433	nq	99
89) Benzo(k)fluoranthene	15.16	252	963573	34.483	nq	98
90) Benzo(a)pyrene	15.51	252	941248	36.093	nq	99
91) Dibenzo(a,h)anthracene	17.10	278	925291	41.222	nq	99
92) Benzo(g,h,i)perylene	17.55	276	961058	42.986	nq	99

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

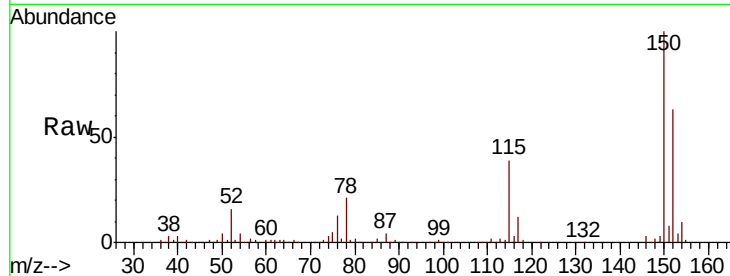


#1

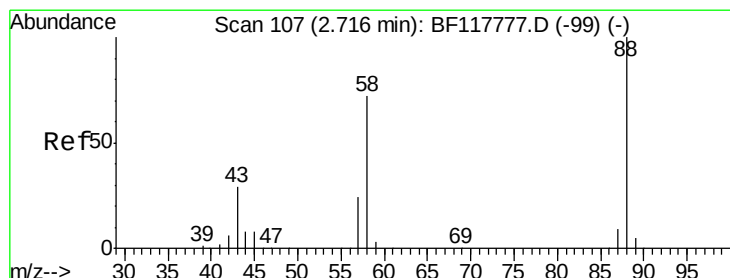
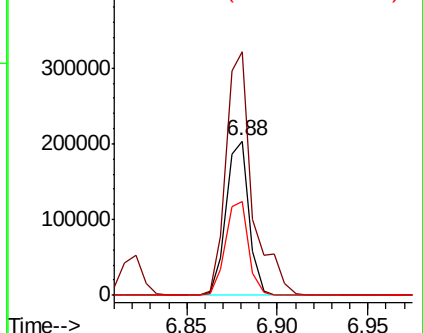
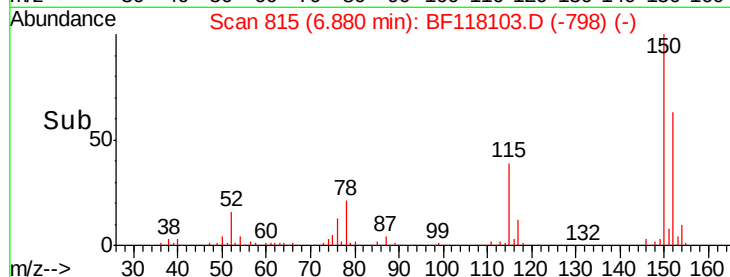
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179270
Ion Ratio Lower Upper
152 100
150 157.5 121.4 182.2
115 60.7 48.8 73.2



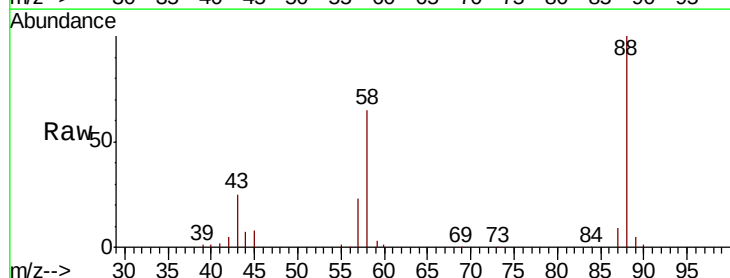
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



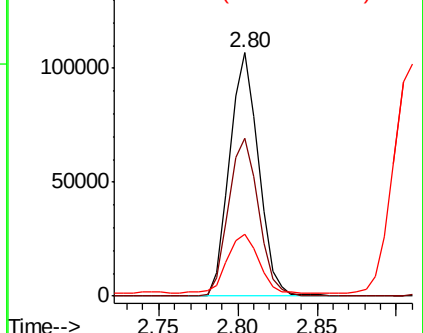
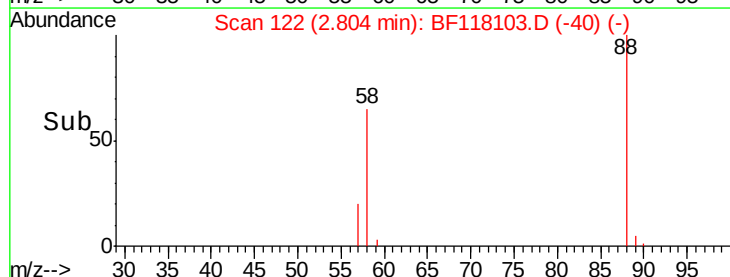
#2

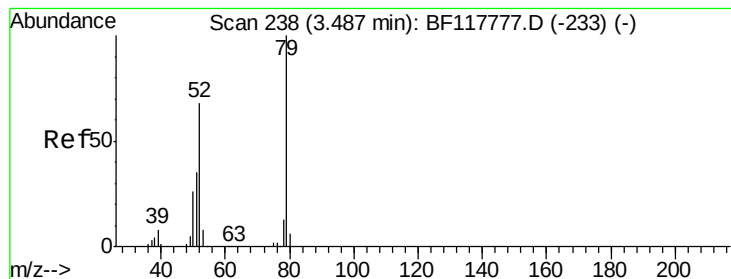
1,4-Dioxane
Concen: 28.609 ng
RT: 2.80 min Scan# 122
Delta R.T. 0.18 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion: 88 Resp: 135436
Ion Ratio Lower Upper
88 100
58 67.5 52.6 78.8
43 0.0 21.8 32.6#



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: 16.619 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.15 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampled :

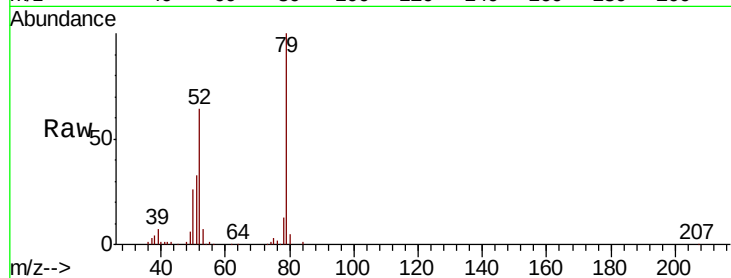
Tot Ion: 79 Resp: 206383

Ion Ratio Lower Upper

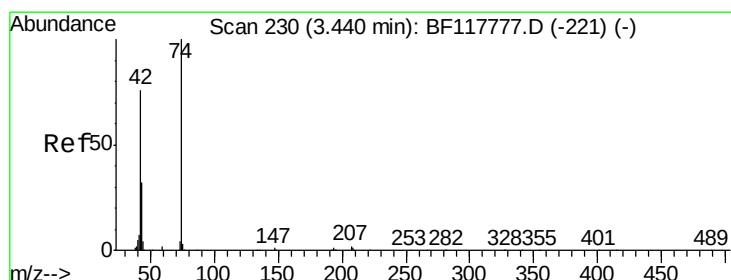
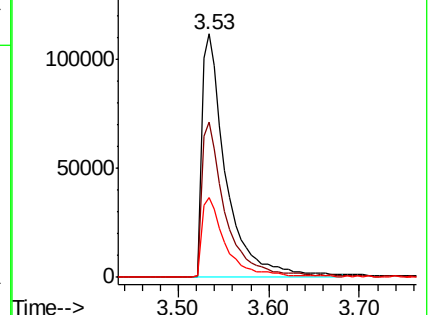
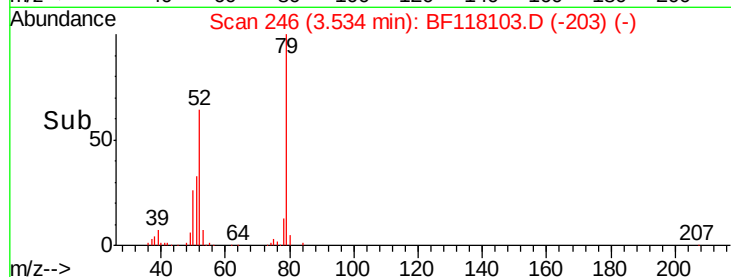
79 100

52 63.6 50.6 75.8

51 32.8 26.8 40.2



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



#4

n-Nitrosodimethylamine

Concen: 26.193 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.12 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

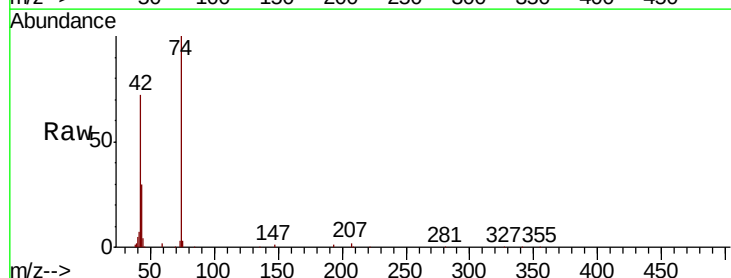
Tgt Ion: 42 Resp: 141985

Ion Ratio Lower Upper

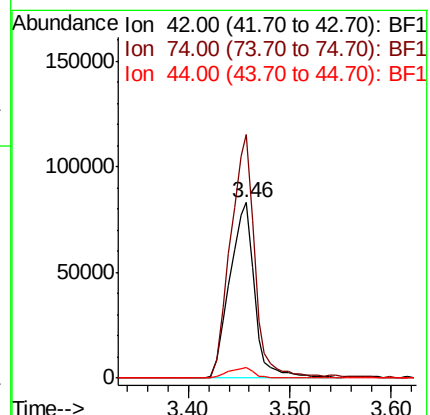
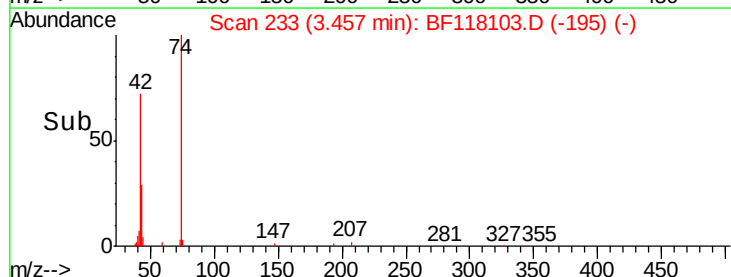
42 100

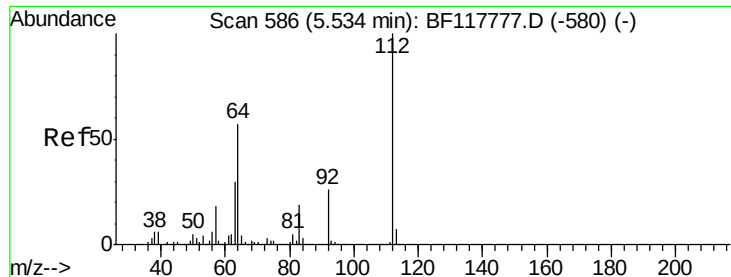
74 138.8 102.8 154.2

44 5.9 4.7 7.1



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





#5

2-Fluorophenol

Concen: 103.618 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampled :

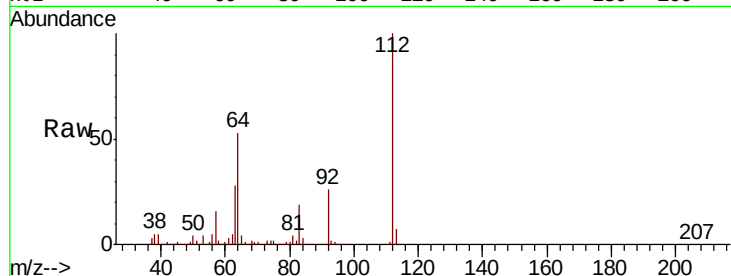
Tot Ion:112 Resp: 1049401

Ion Ratio Lower Upper

112 100

64 52.8 45.1 67.7

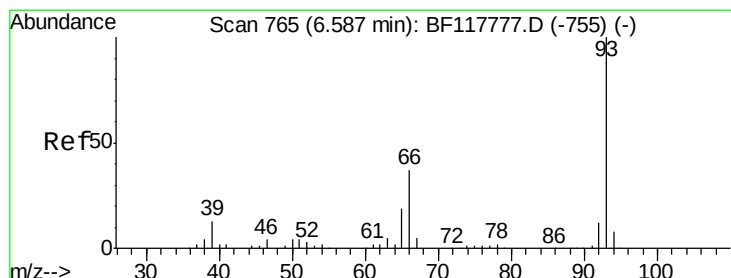
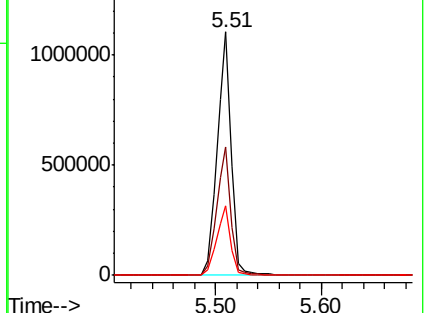
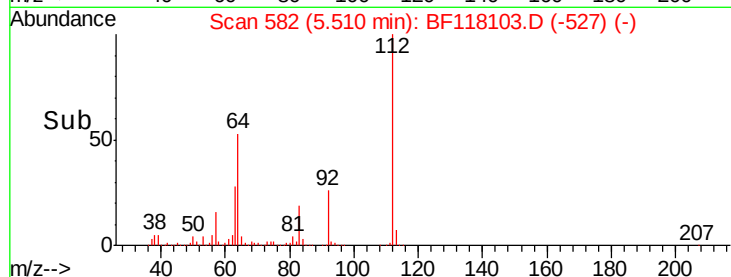
63 28.4 24.6 37.0



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: 18.437 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

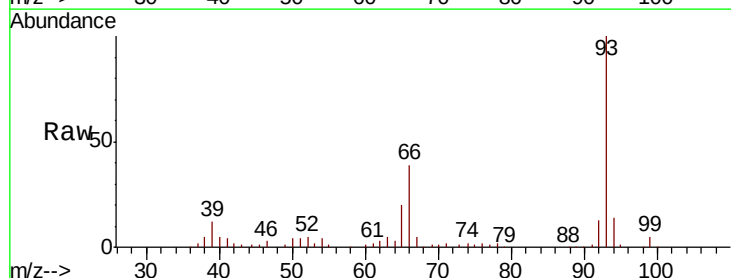
Tgt Ion: 93 Resp: 297615

Ion Ratio Lower Upper

93 100

66 38.9 31.0 46.6

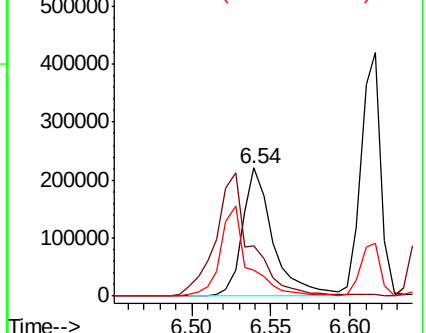
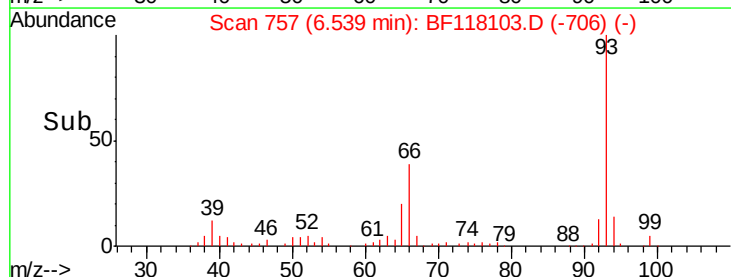
65 20.2 15.8 23.8

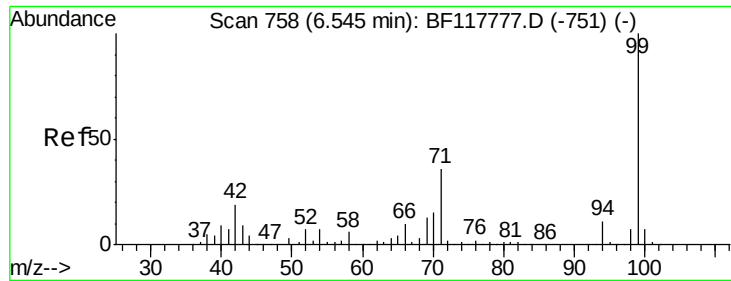


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.235 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

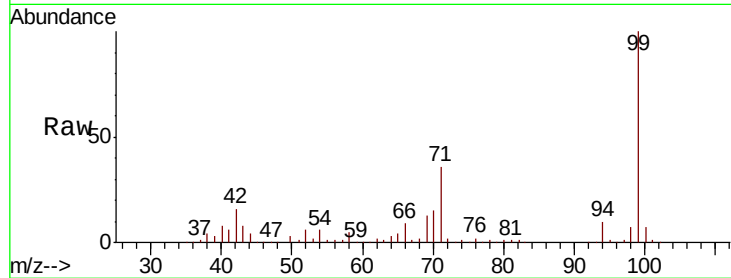
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1322156

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.0	21.0
71	35.7	29.2	43.8

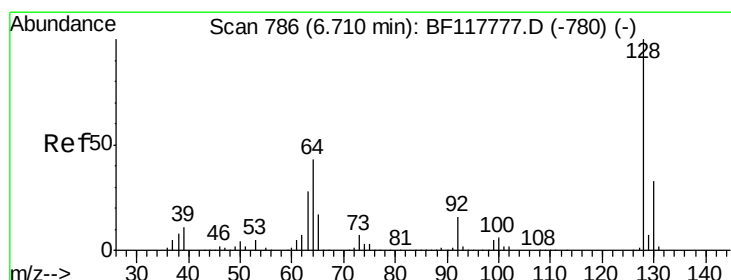
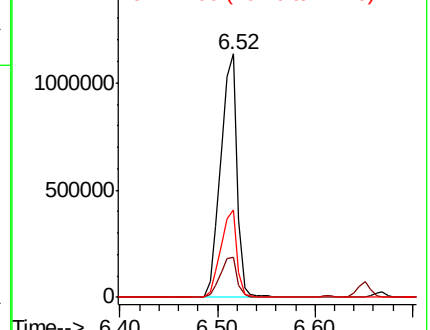
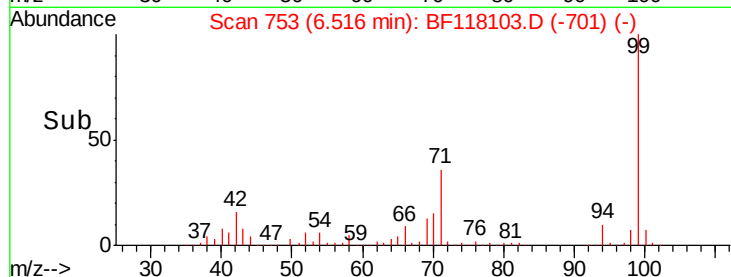


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.344 ng

RT: 6.67 min Scan# 779

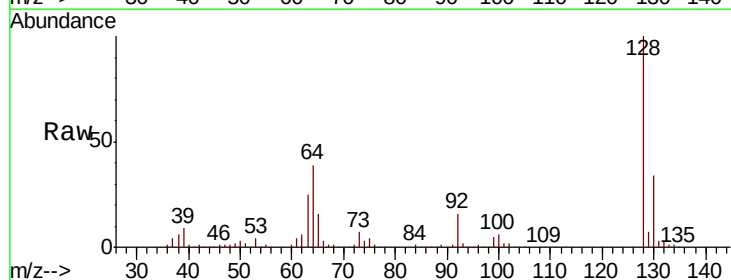
Delta R.T. 0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tgt Ion: 128 Resp: 421375

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.4	52.4
64	39.3	23.2	63.2

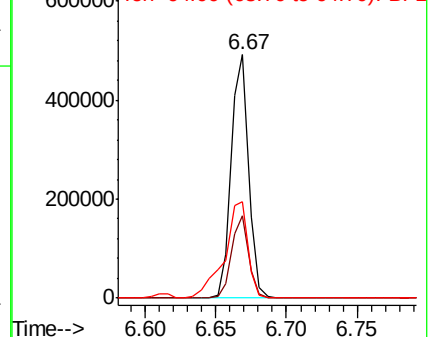
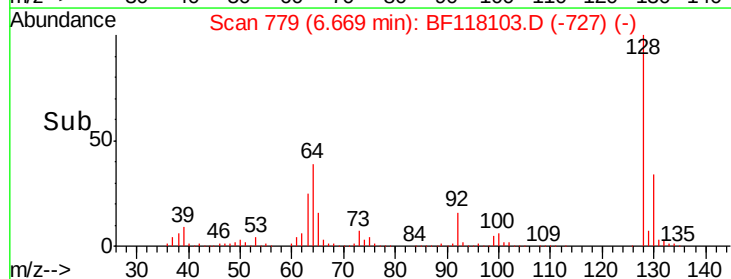


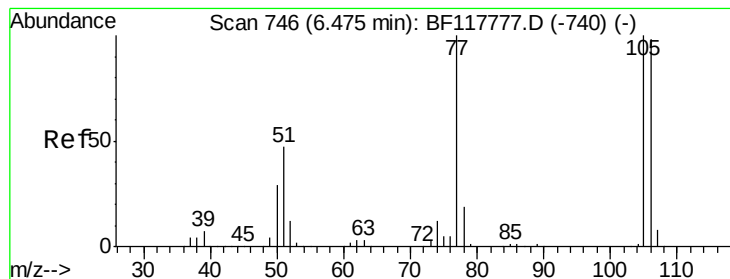
Abundance

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: 7.952 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampleId :

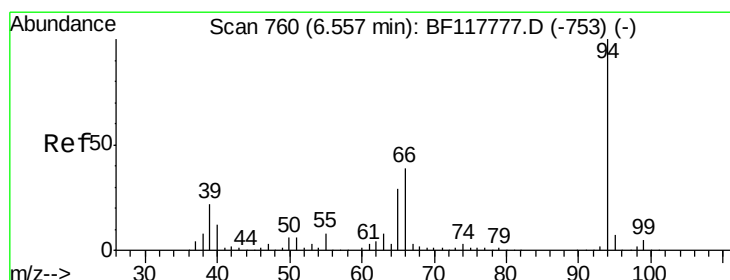
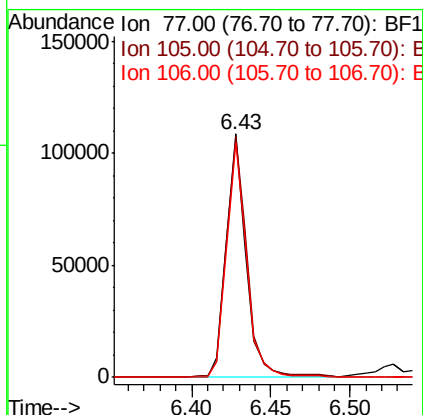
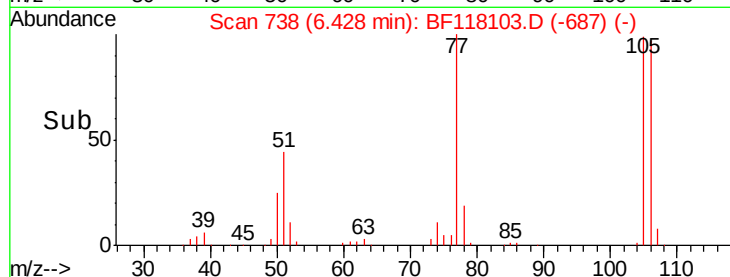
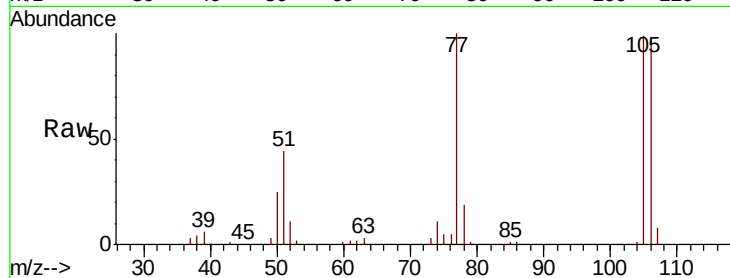
Tot Ion: 77 Resp: 93696

Ion Ratio Lower Upper

77 100

105 99.1 83.3 123.3

106 96.6 80.9 120.9



#10

Phenol

Concen: 38.154 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

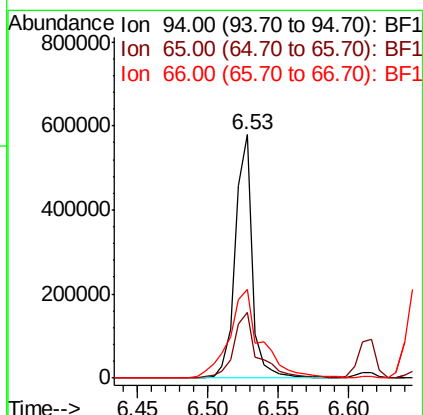
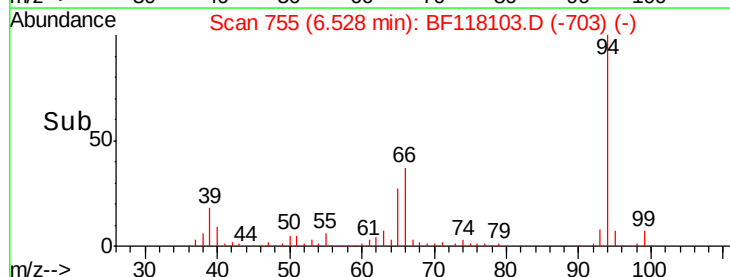
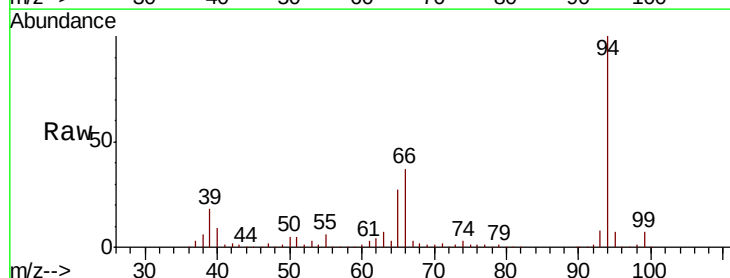
Tgt Ion: 94 Resp: 484314

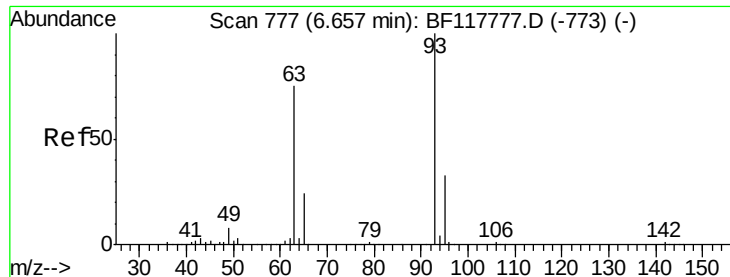
Ion Ratio Lower Upper

94 100

65 26.8 6.9 46.9

66 36.7 18.6 58.6

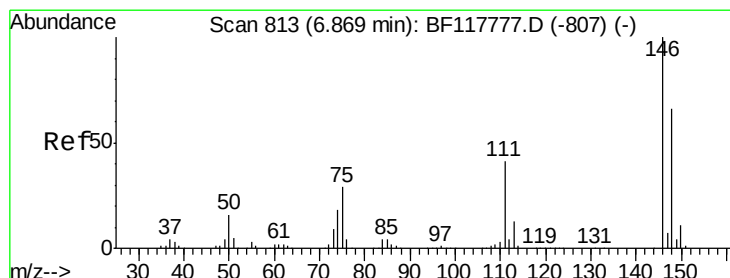
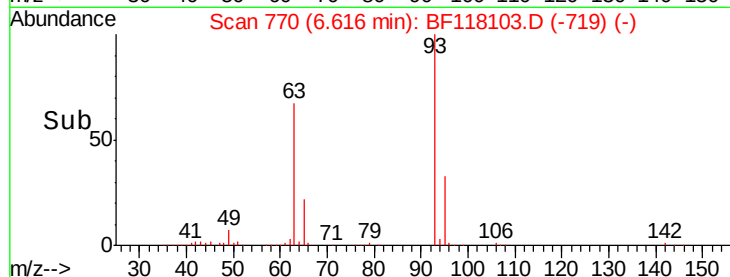
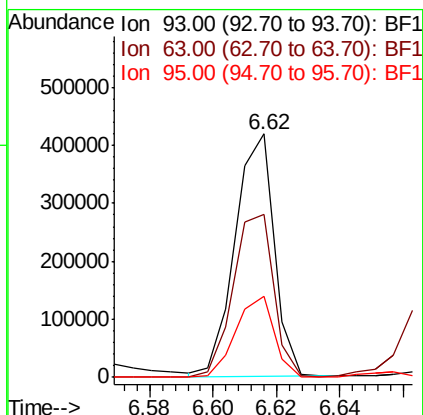
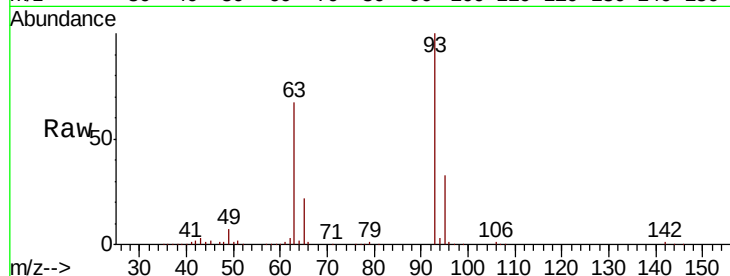




#11
bis(2-Chloroethyl)ether
Concen: 34.887 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

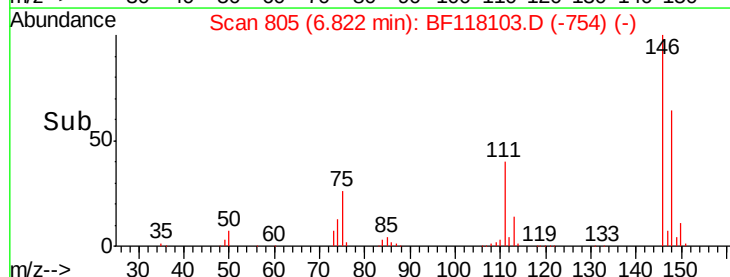
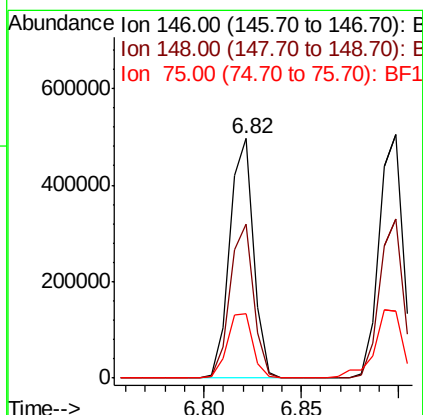
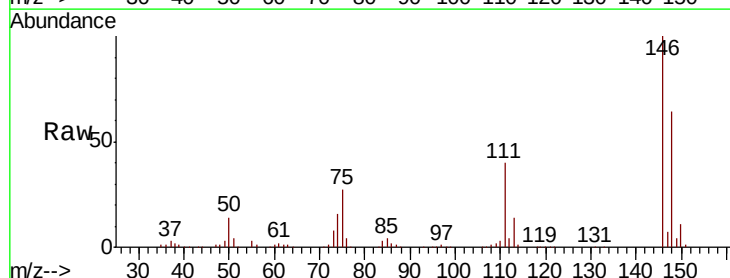
Instrument :
BNA_F
ClientSampleId :

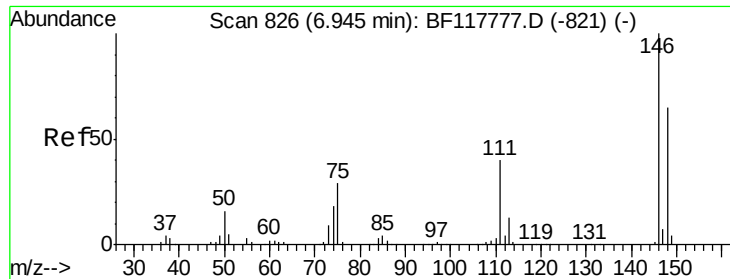
Tot Ion: 93 Resp: 355625
Ion Ratio Lower Upper
93 100
63 66.7 46.8 86.8
95 33.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 32.480 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion: 146 Resp: 420220
Ion Ratio Lower Upper
146 100
148 64.4 52.7 79.1
75 26.8 24.5 36.7

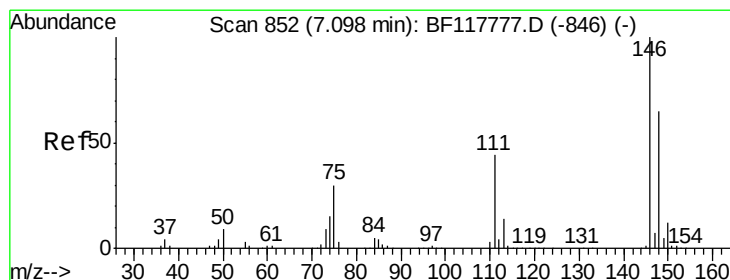
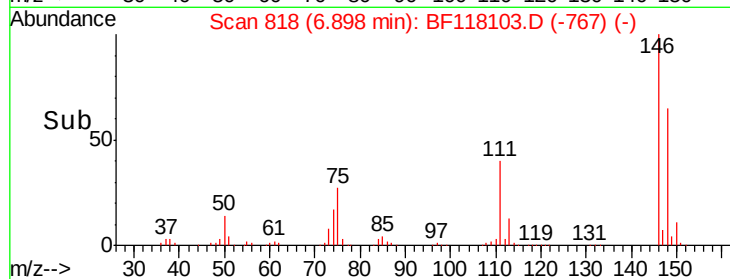
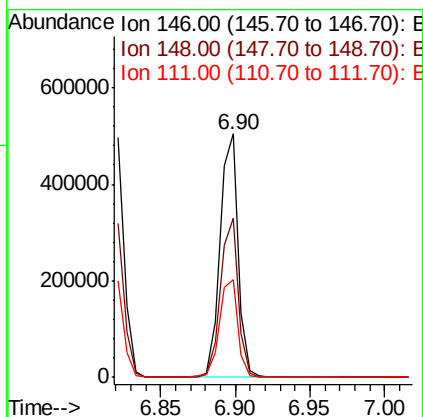
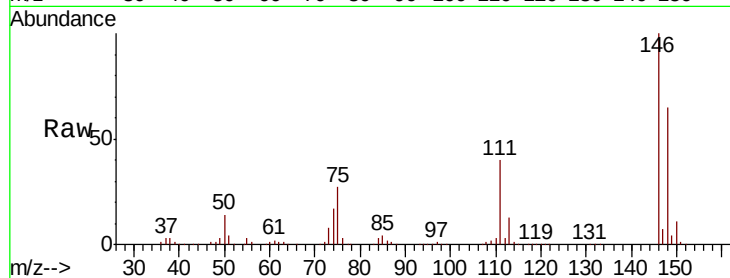




#13
 1,4-Dichlorobenzene
 Concen: 32.976 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

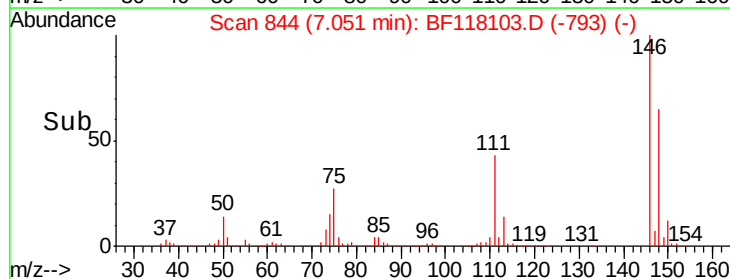
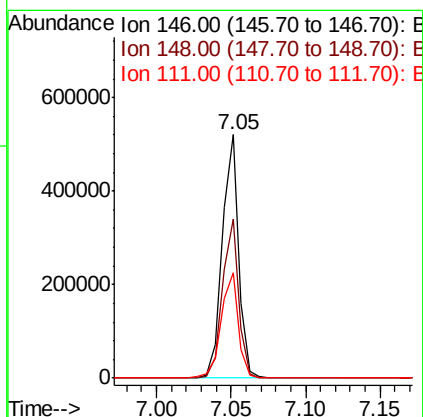
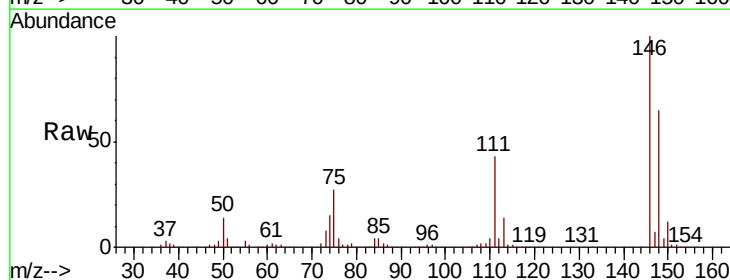
Instrument :
 BNA_F
 ClientSampleId :

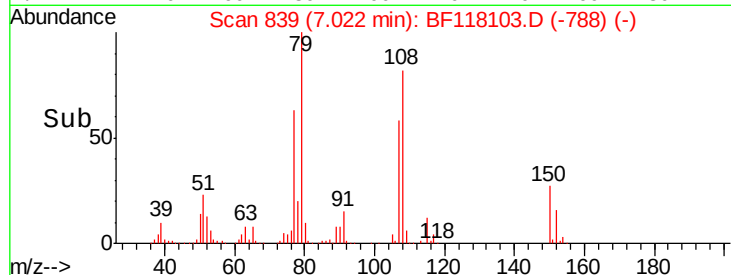
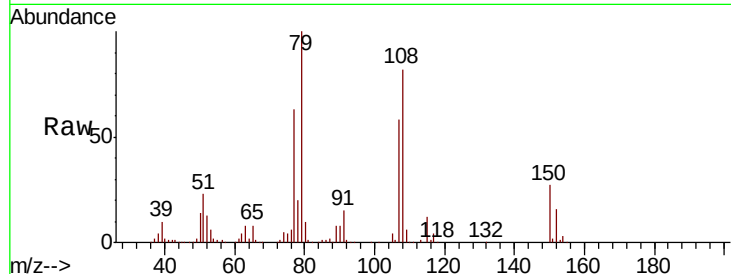
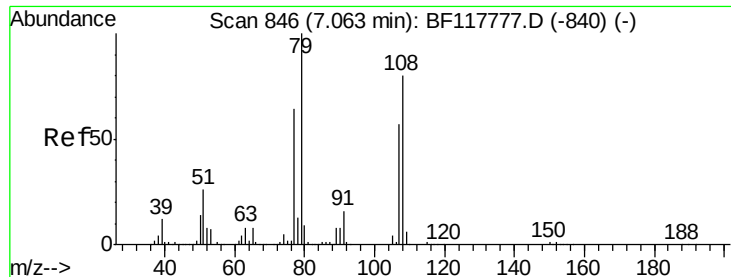
Tot Ion:146 Resp: 431239
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.8 76.2
 111 40.0 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 32.372 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion:146 Resp: 404883
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.6 77.4
 111 43.4 35.8 53.8





#15

Benzyl Alcohol

Concen: 35.054 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

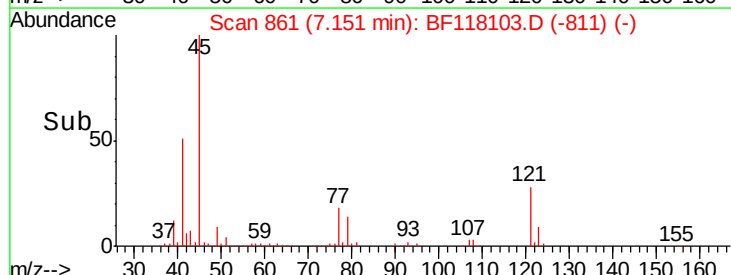
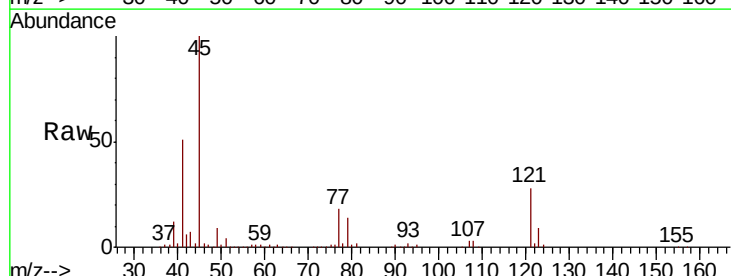
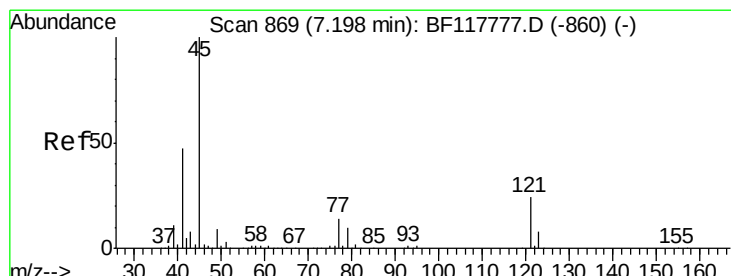
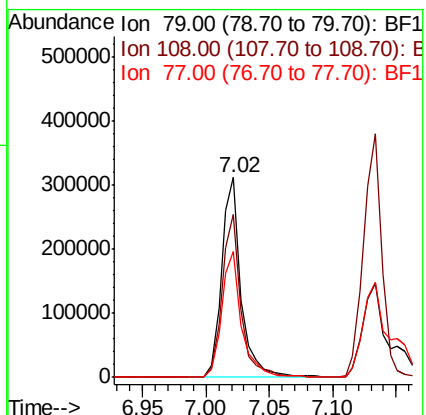
Tot Ion: 79 Resp: 330591

Ion Ratio Lower Upper

79 100

108 81.6 63.1 94.7

77 63.4 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.399 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

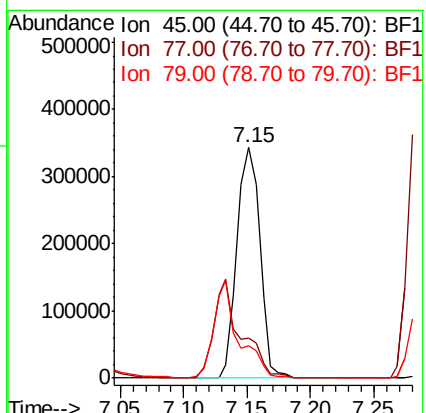
Tgt Ion: 45 Resp: 430004

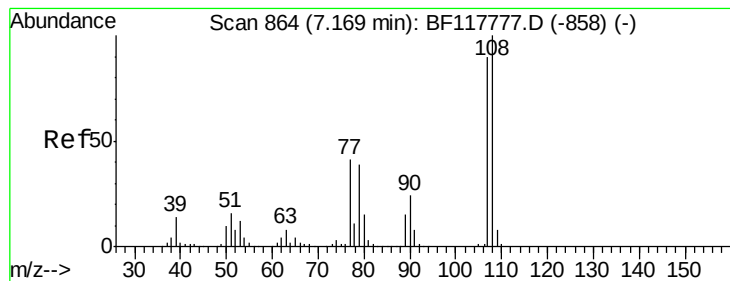
Ion Ratio Lower Upper

45 100

77 17.6 0.0 36.8

79 14.0 0.0 33.5

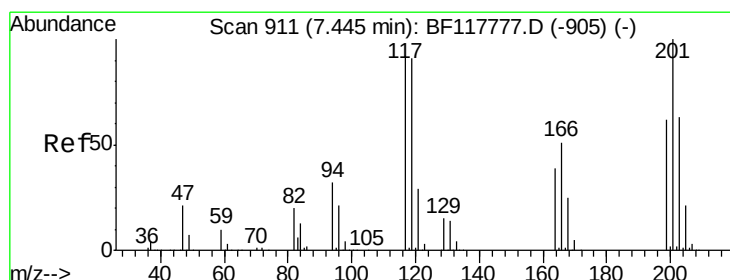
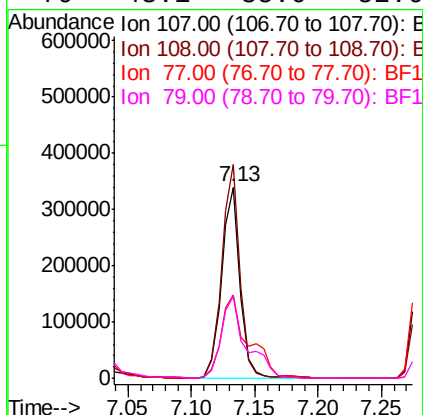
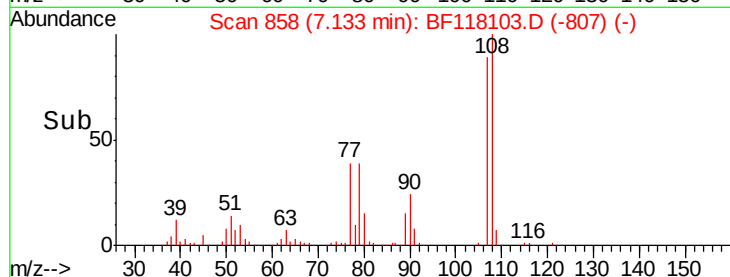
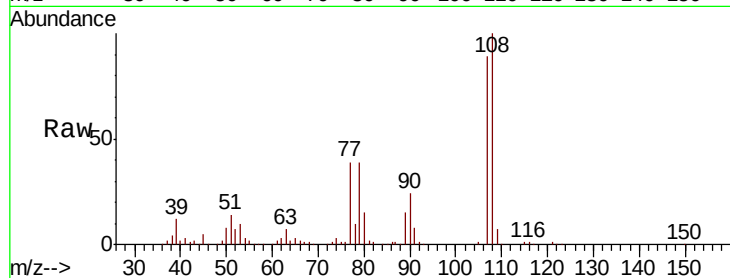




#17
2-Methylphenol
Concen: 36.643 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

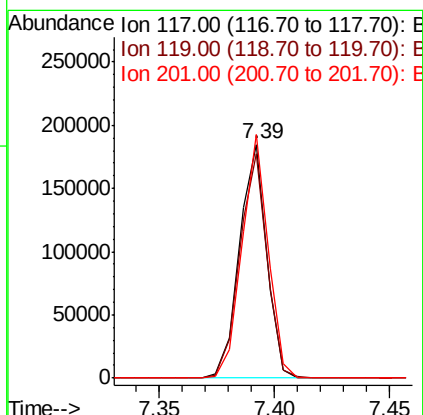
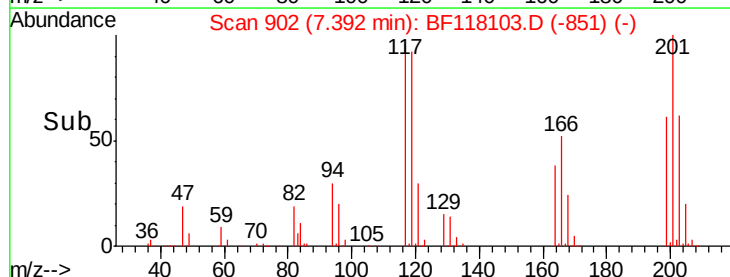
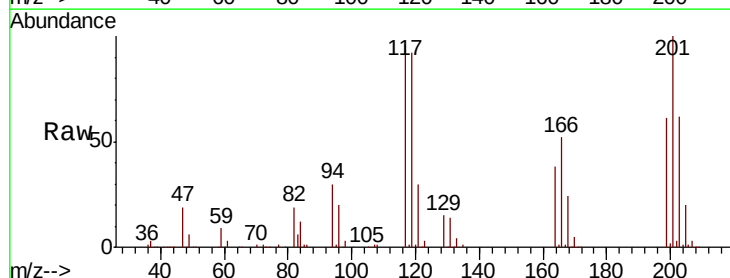
Instrument :
BNA_F
ClientSampleId :

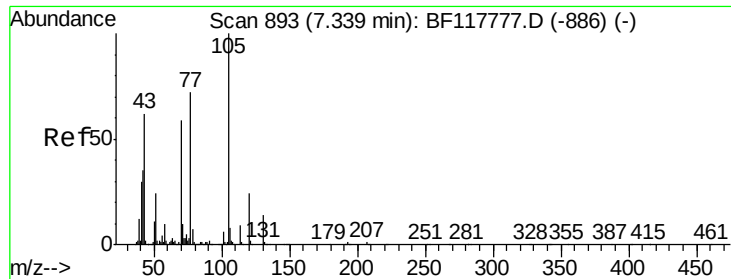
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.8	134.8
77	43.5	35.0	52.6
79	43.1	35.0	52.6



#18
Hexachloroethane
Concen: 31.705 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.4	114.6
201	104.3	71.7	107.5

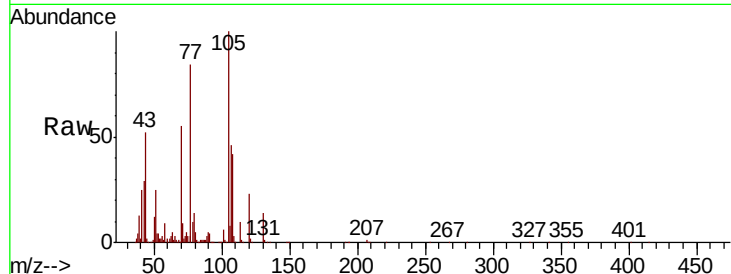




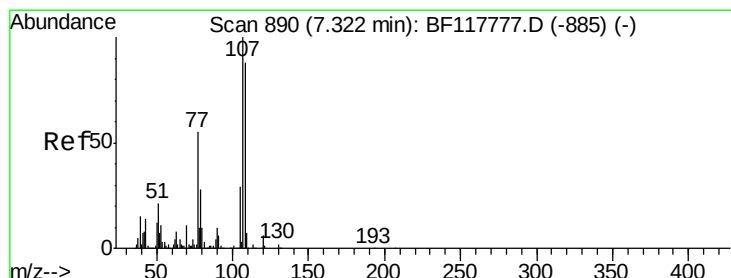
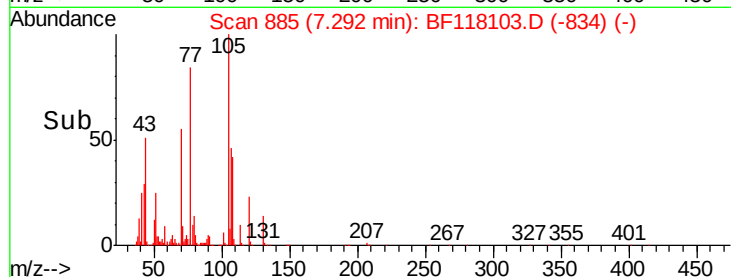
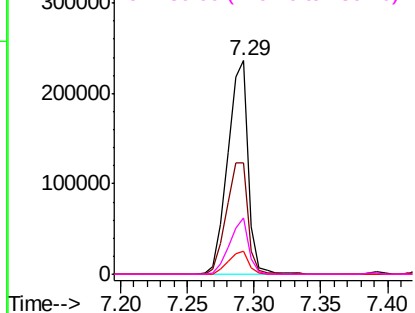
#19
n-Nitroso-di-n-propylamine
Concen: 33.909 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	255539
Ion	Ratio	Lower	Upper
70	100		
42	52.3	46.0	69.0
101	10.9	8.8	13.2
130	26.2	19.8	29.6

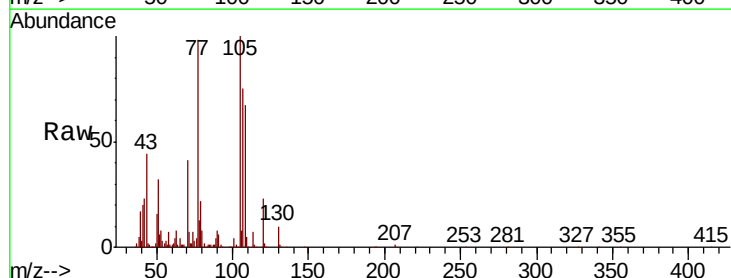


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

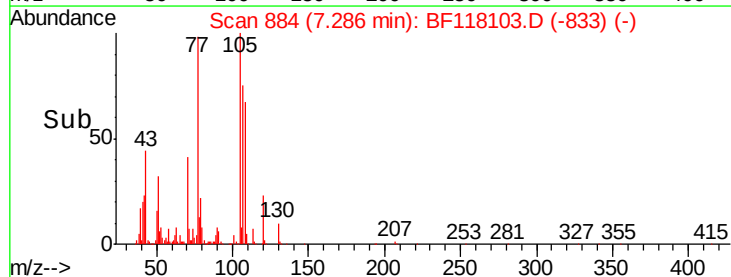
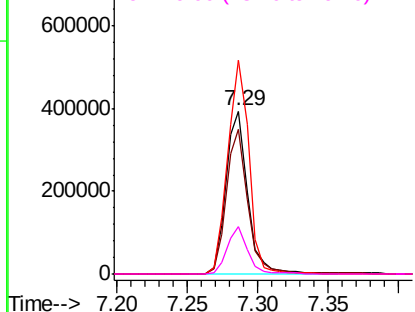


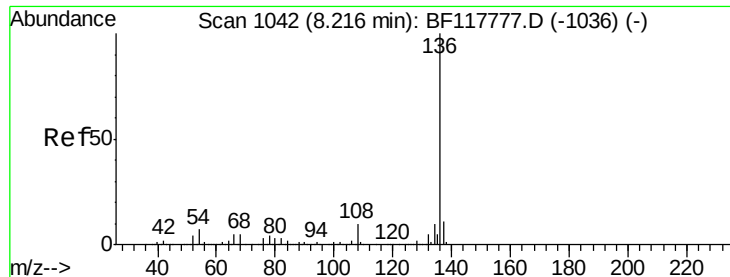
#20
3+4-Methylphenols
Concen: 36.318 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:	107	Resp:	419553
Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.9	111.9
77	131.3	91.6	131.6
79	29.5	11.3	51.3



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

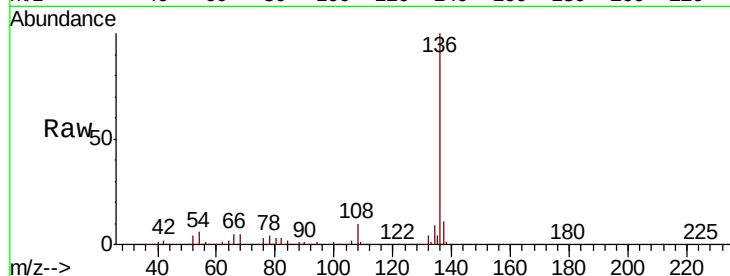




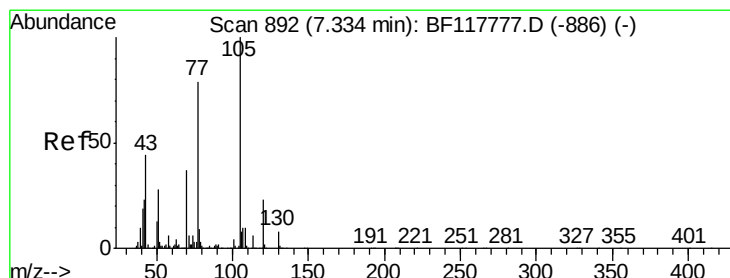
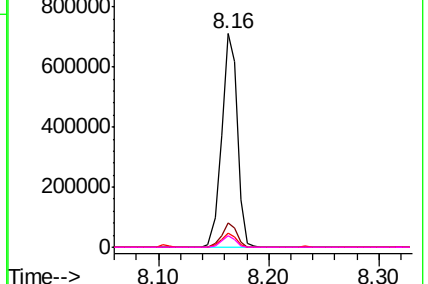
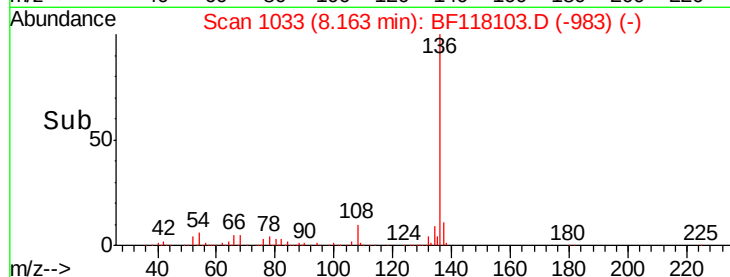
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 702340
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 6.3	4.9 7.3
68 5.3	3.6 5.4

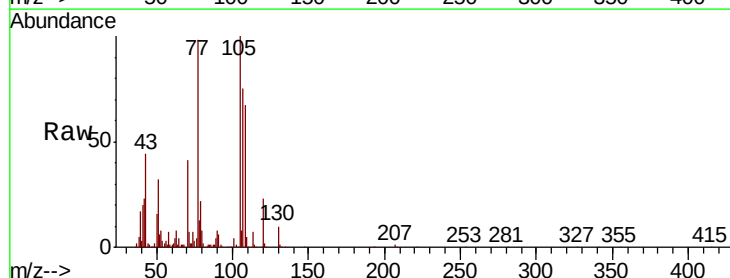


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

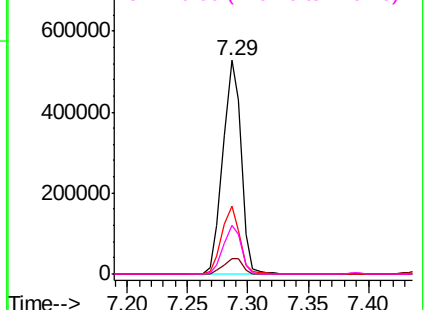
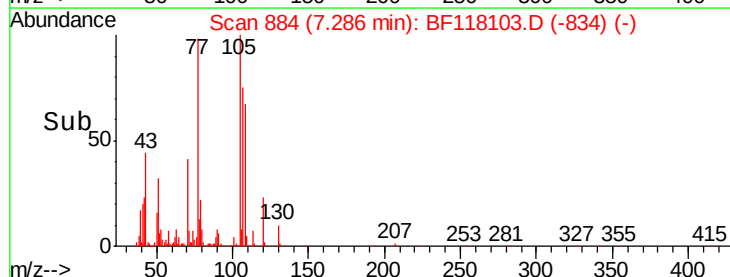


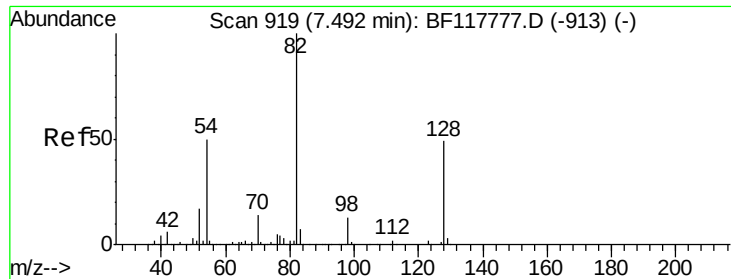
#22
Acetophenone
Concen: 35.023 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt	Ion:105	Resp:	552650
Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.9	8.9
51	32.1	20.2	30.2#
120	22.8	17.9	26.9



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

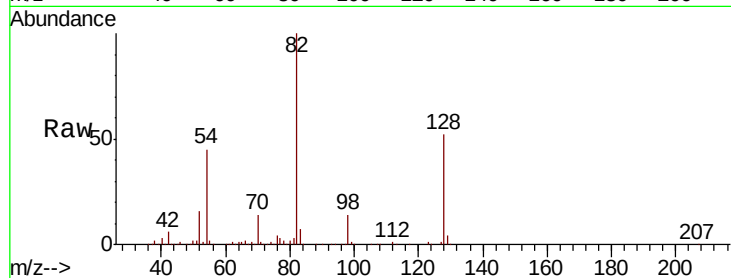




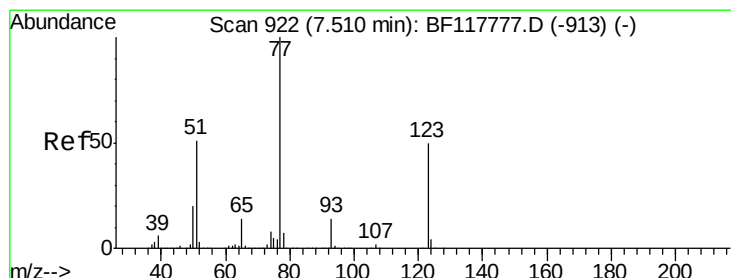
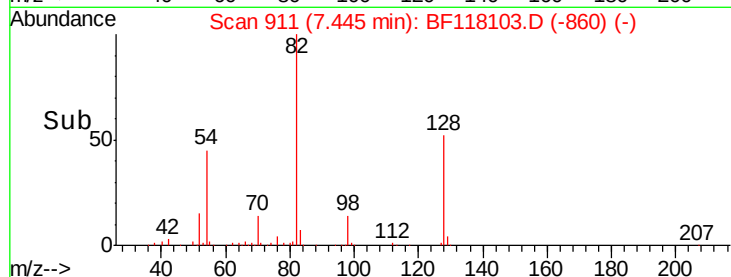
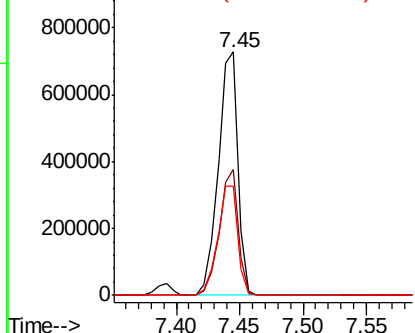
#23
 Nitrobenzene-d5
 Concen: 66.977 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	791314
Ion Ratio	100		
Lower	38.2		
Upper	57.4		
128	51.6		
54	44.8		

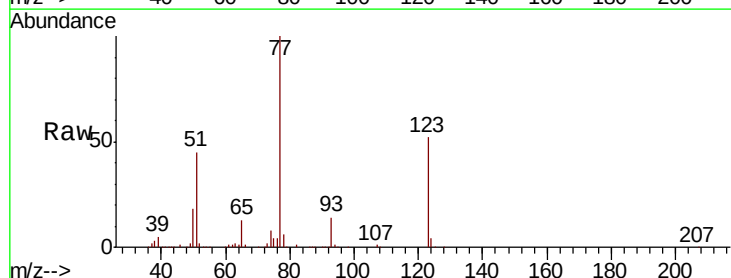


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

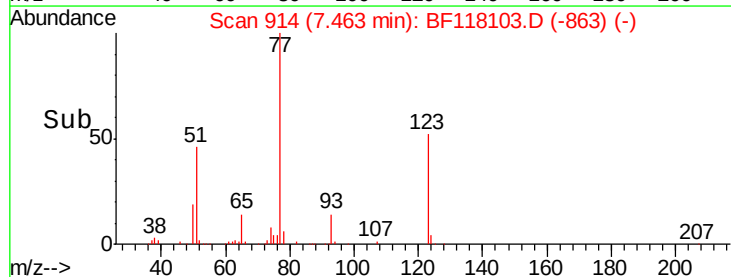
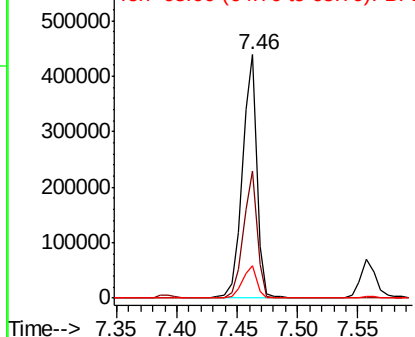


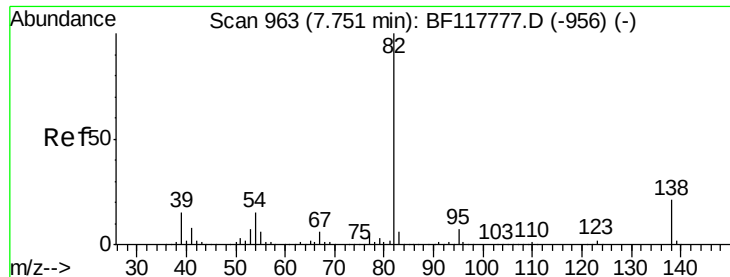
#24
 Nitrobenzene
 Concen: 29.945 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion	77	Resp	364982
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	38.2		
Upper	57.2		
123	52.5		
65	13.3		



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





#25

Isophorone

Concen: 33.170 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampleId :

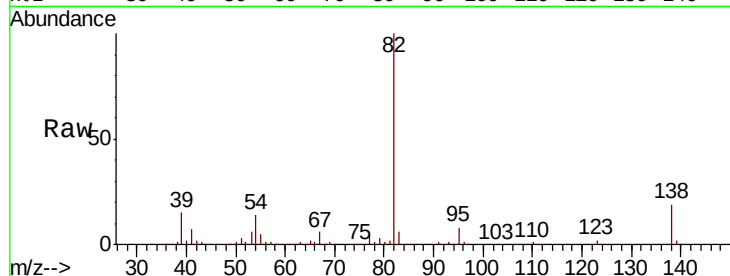
Tot Ion: 82 Resp: 718278

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

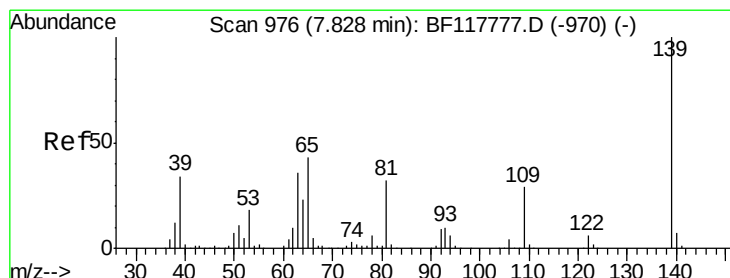
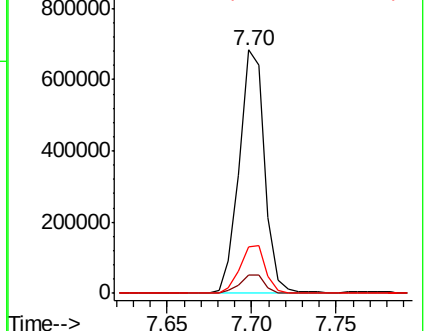
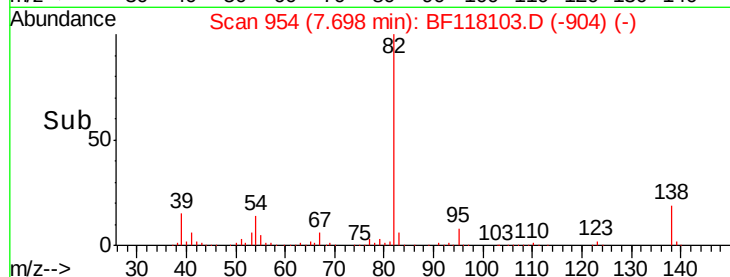
138 19.1 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.914 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

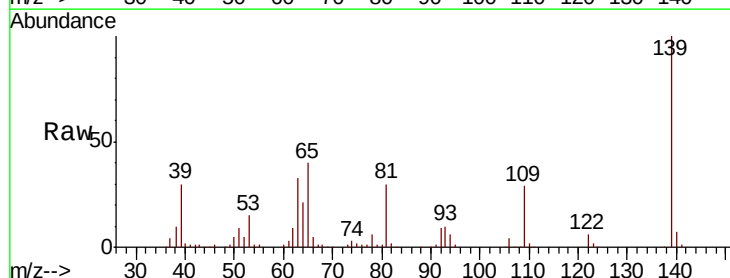
Tgt Ion: 139 Resp: 236788

Ion Ratio Lower Upper

139 100

109 28.9 23.8 35.6

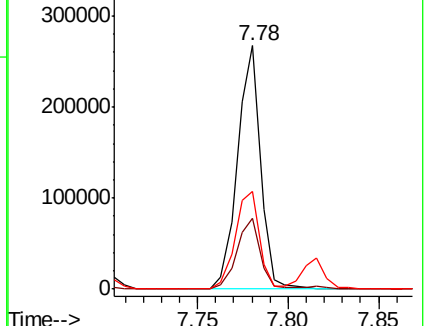
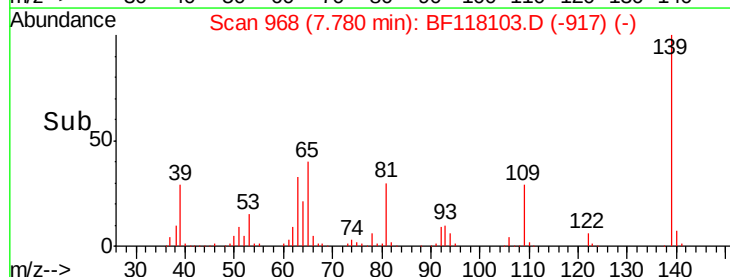
65 40.0 36.2 54.4

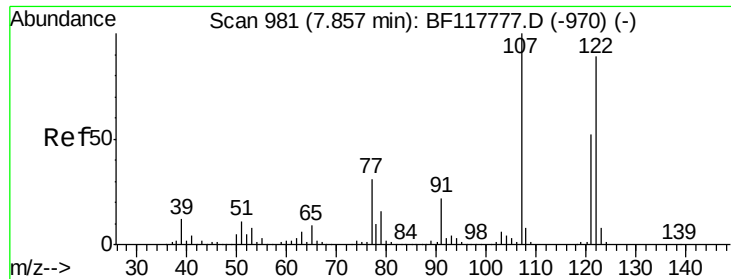


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.285 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampled :

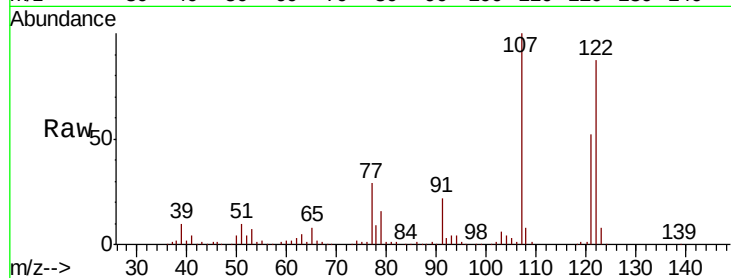
Tot Ion:122 Resp: 325277

Ion Ratio Lower Upper

122 100

107 114.7 92.6 138.8

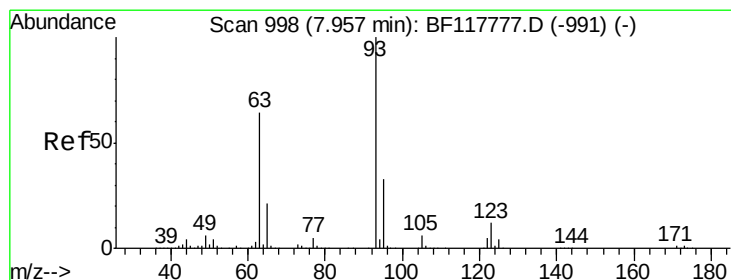
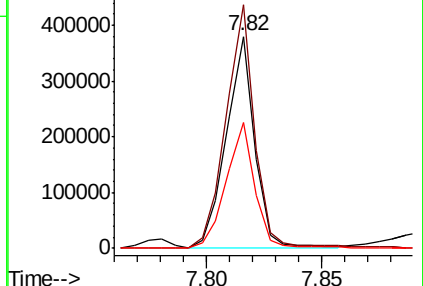
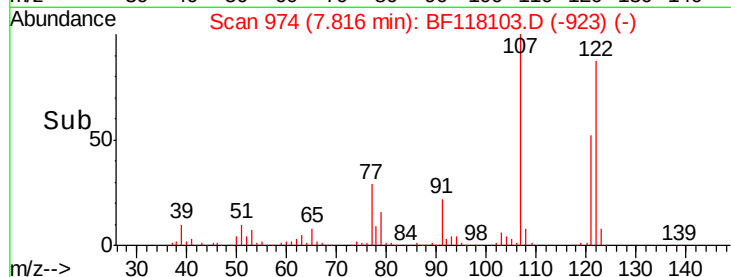
121 59.3 46.9 70.3



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: 33.559 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

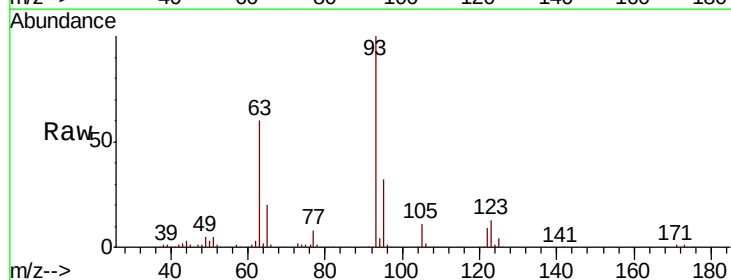
Tgt Ion: 93 Resp: 461156

Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

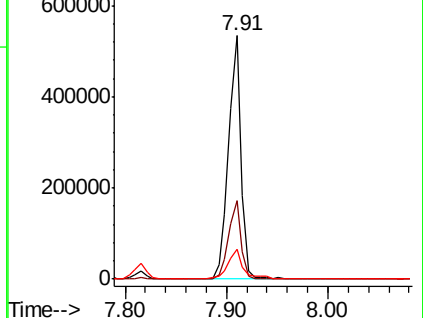
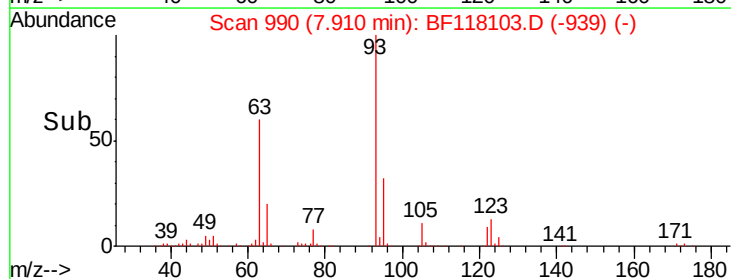
123 12.5 10.2 15.4

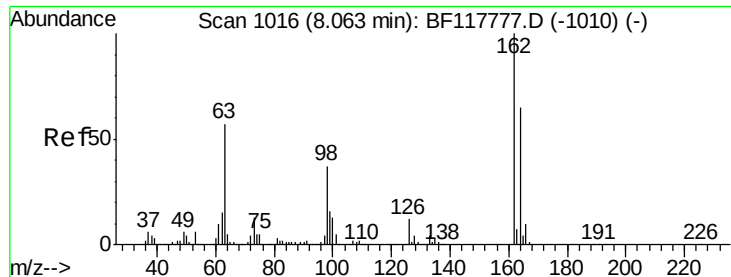


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

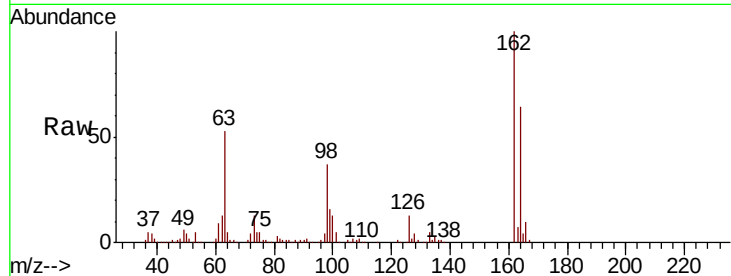




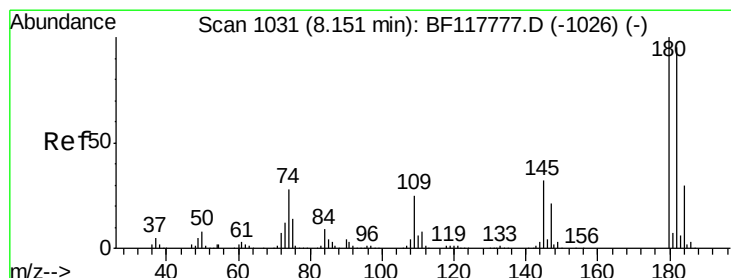
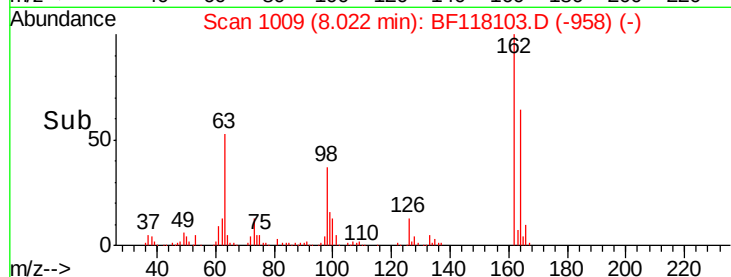
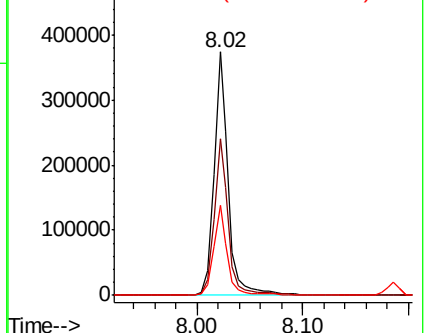
#29
2,4-Dichlorophenol
Concen: 35.524 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.9	82.9
98	37.1	16.7	56.7

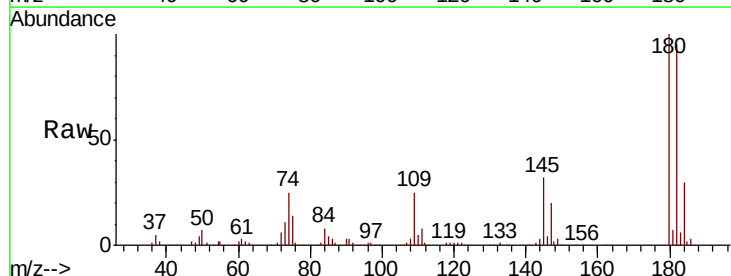


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

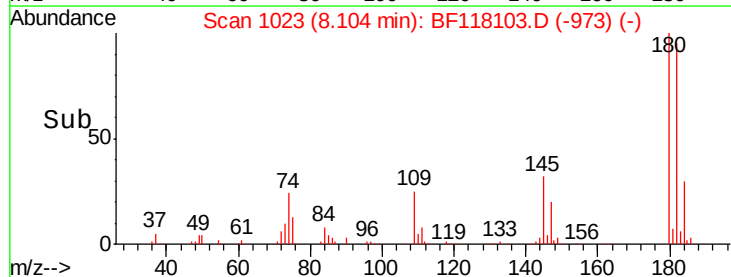
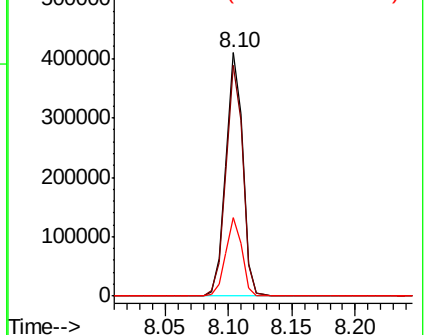


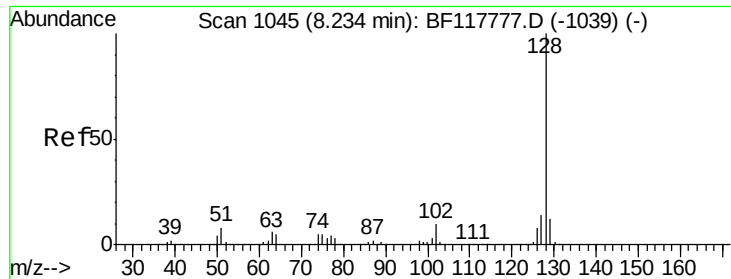
#30
1,2,4-Trichlorobenzene
Concen: 32.680 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.6	114.8
145	32.0	25.1	37.7



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

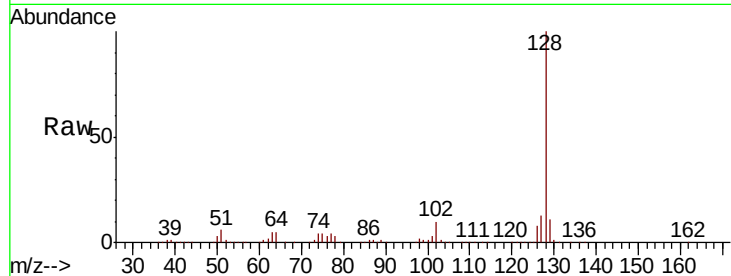




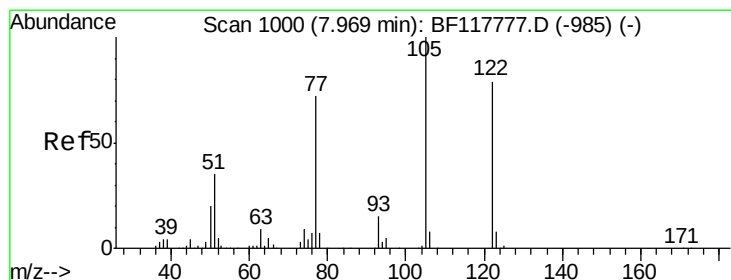
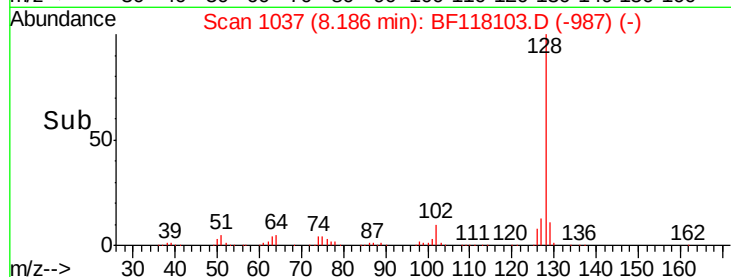
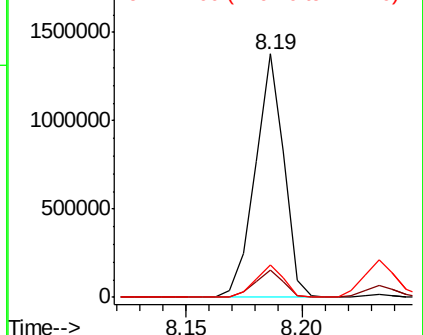
#31
Naphthalene
Concen: 36.494 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1194903
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.6 16.0

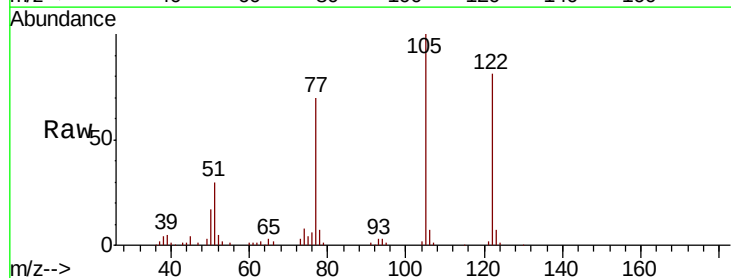


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

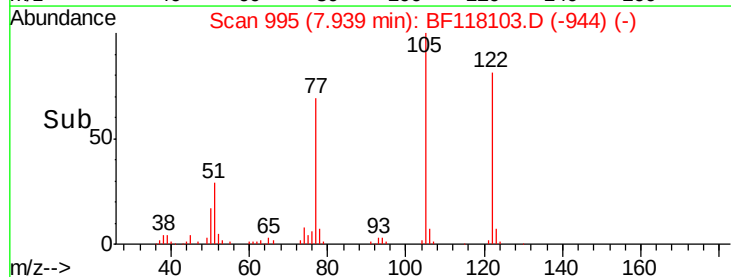
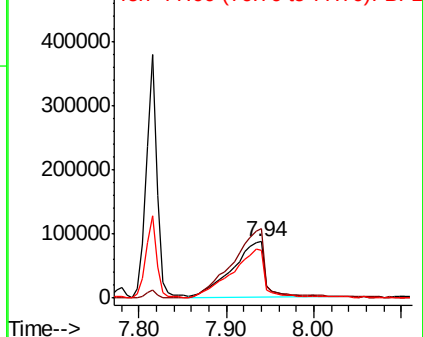


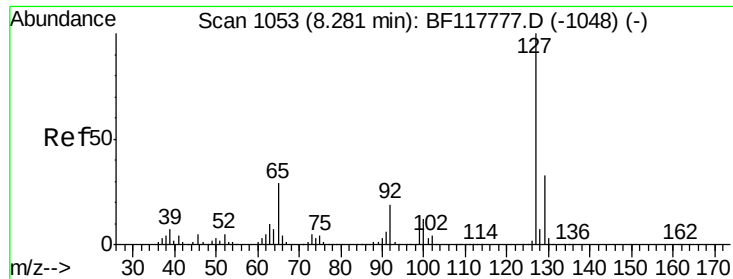
#32
Benzoic acid
Concen: 29.269 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:122 Resp: 225917
Ion Ratio Lower Upper
122 100
105 122.7 101.4 141.4
77 85.7 66.4 106.4



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

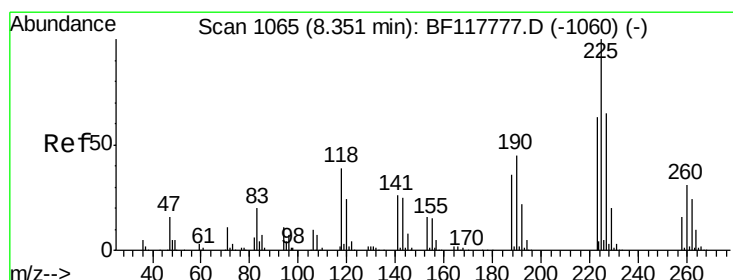
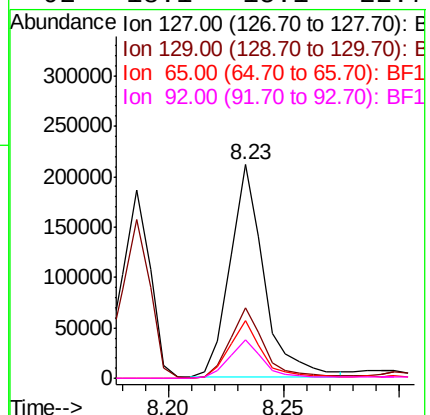
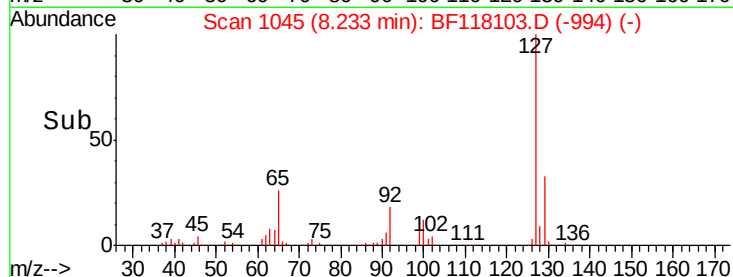
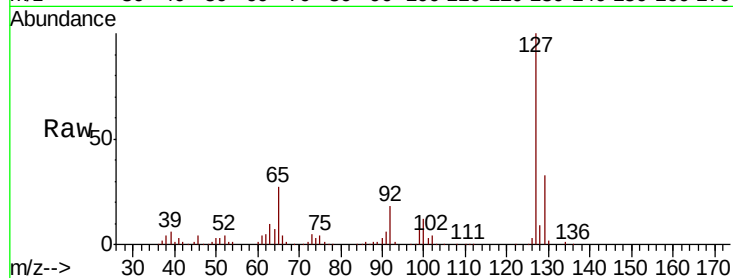




#33
4-Chloroaniline
Concen: 14.839 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

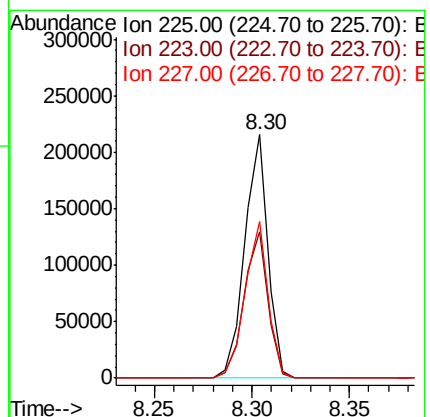
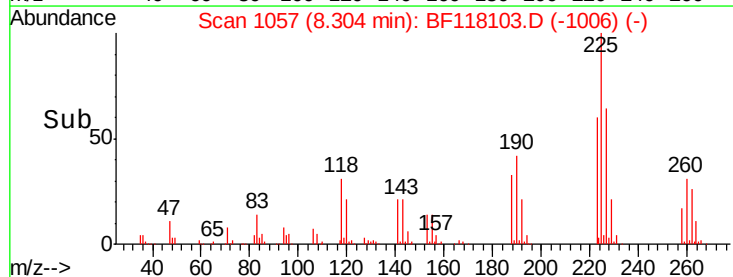
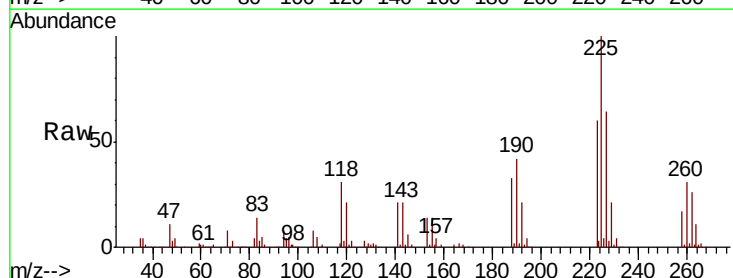
Instrument :
BNA_F
ClientSampleId :

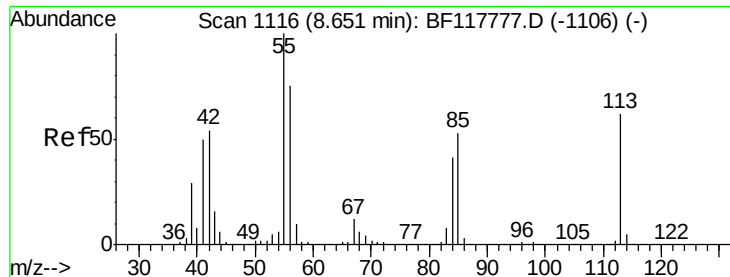
Tot Ion:	127	Resp:	217511
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.0
65	27.0	23.4	35.0
92	18.1	15.1	22.7



#34
Hexachlorobutadiene
Concen: 26.266 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:	225	Resp:	178119
Ion	Ratio	Lower	Upper
225	100		
223	60.1	51.4	77.2
227	64.2	52.6	78.8

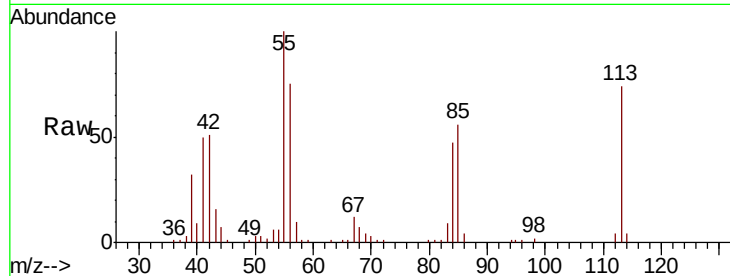




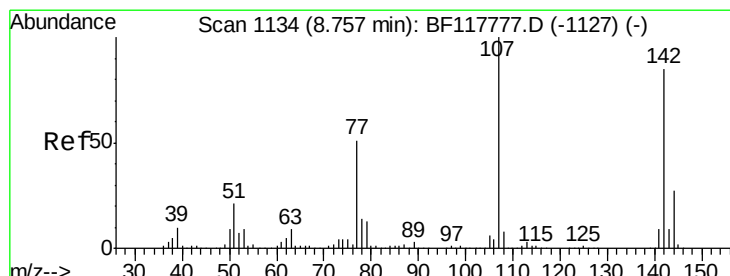
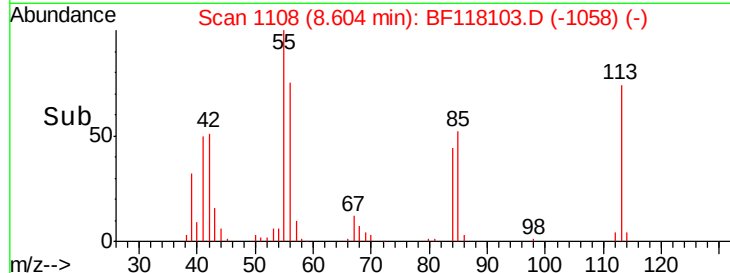
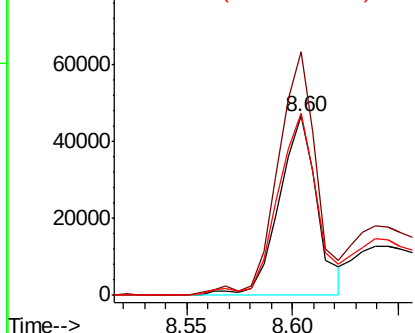
#35
Caprolactam
Concen: 18.247 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 57988
Ion Ratio Lower Upper
113 100
55 135.7 125.5 165.5
56 101.8 88.0 128.0

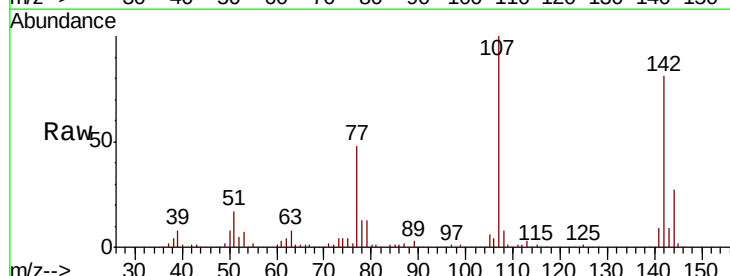


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

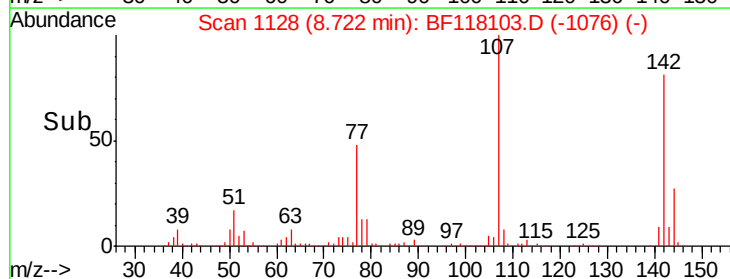
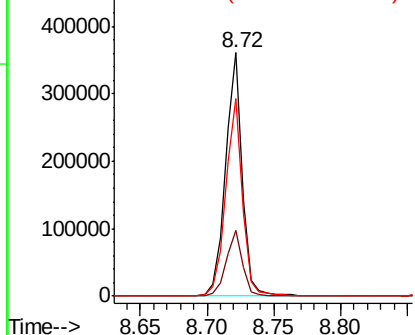


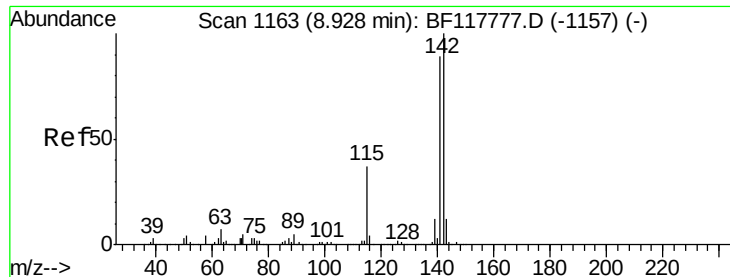
#36
4-Chloro-3-methylphenol
Concen: 31.502 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:107 Resp: 319684
Ion Ratio Lower Upper
107 100
144 26.9 20.6 30.8
142 81.0 62.5 93.7



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

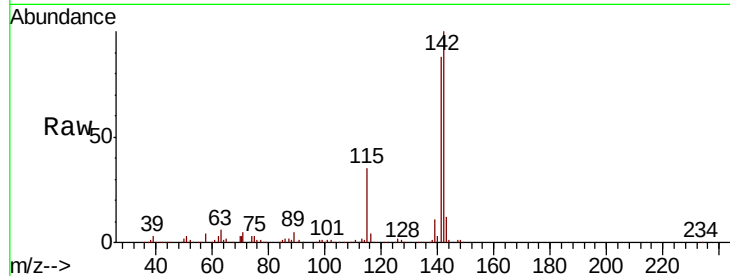




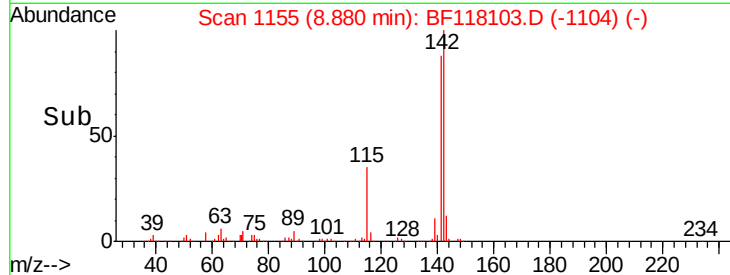
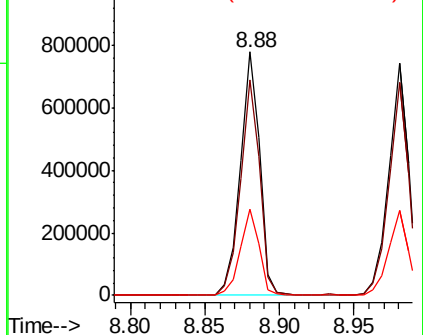
#37
2-Methylnaphthalene
Concen: 31.827 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 704101
Ion Ratio Lower Upper
142 100
141 88.4 70.2 105.4
115 35.2 29.2 43.8

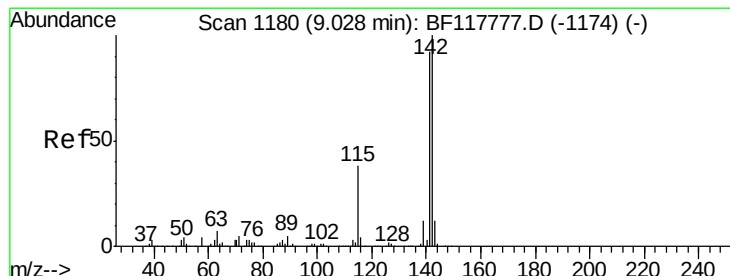


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

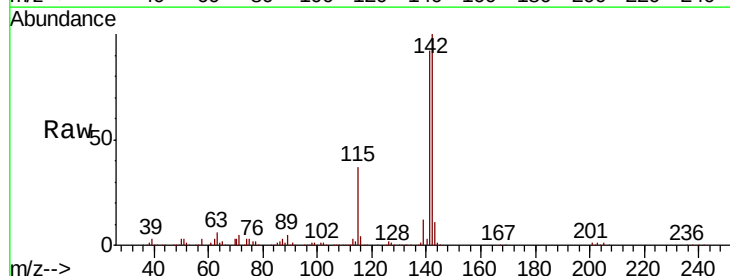
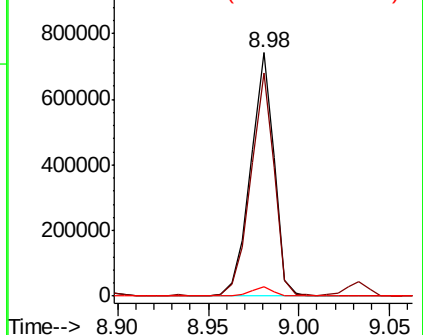


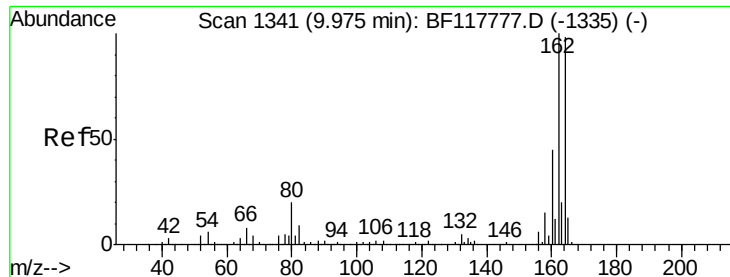
#38
1-Methylnaphthalene
Concen: 31.723 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:142 Resp: 663491
Ion Ratio Lower Upper
142 100
141 91.7 73.6 110.4
116 3.7 3.1 4.7



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

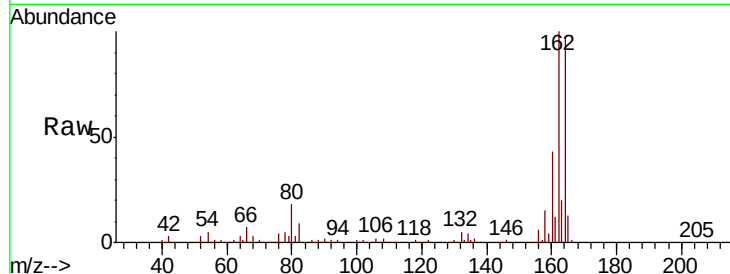




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.8
160	44.2	35.9	53.9

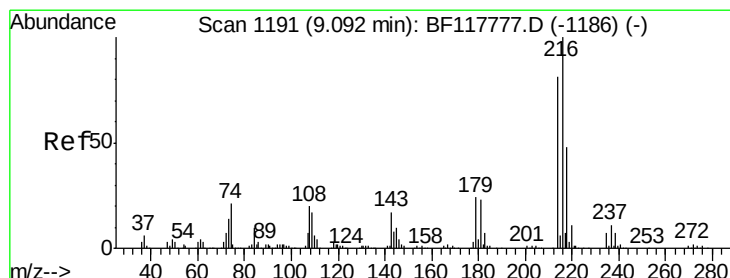
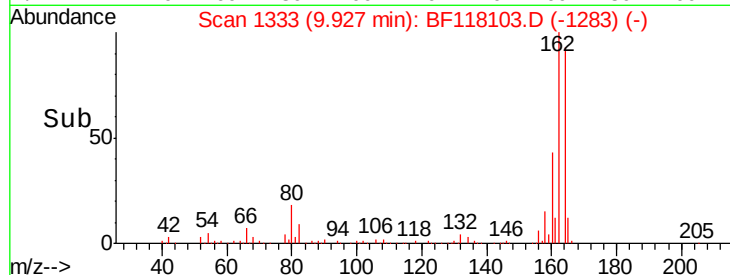
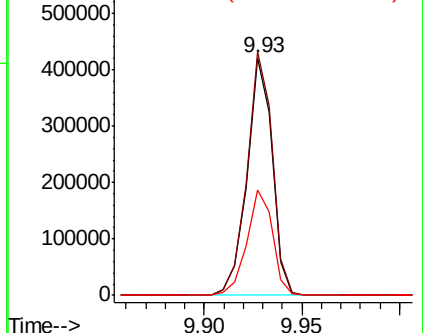


Abundance

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: 29.360 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	22.7	18.5	27.7
108	20.3	15.4	23.2

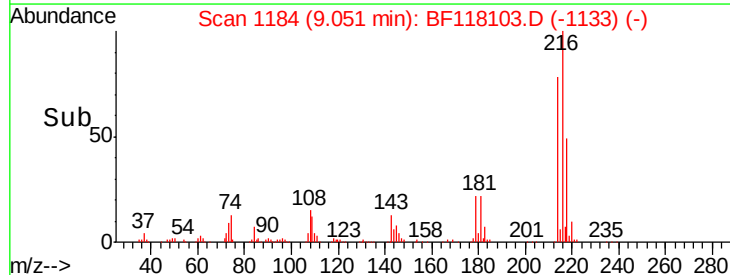
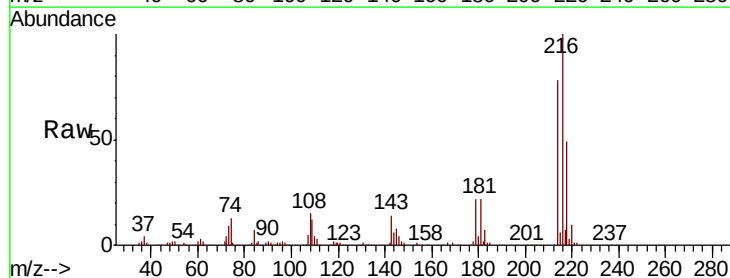
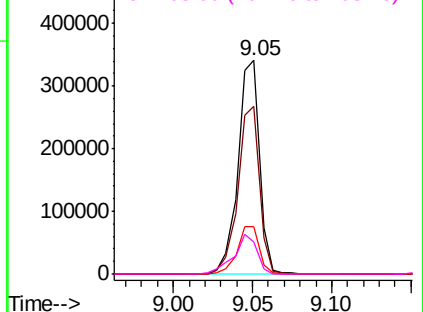
Abundance

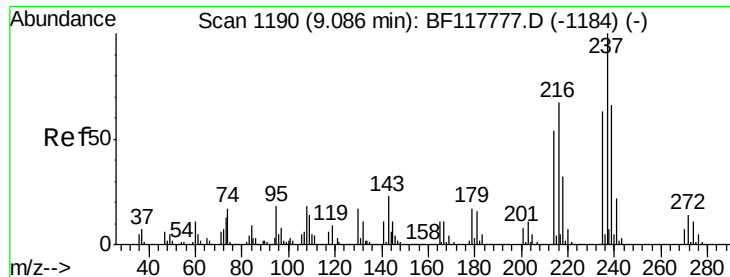
Ion 216.00 (215.70 to 216.70): E

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

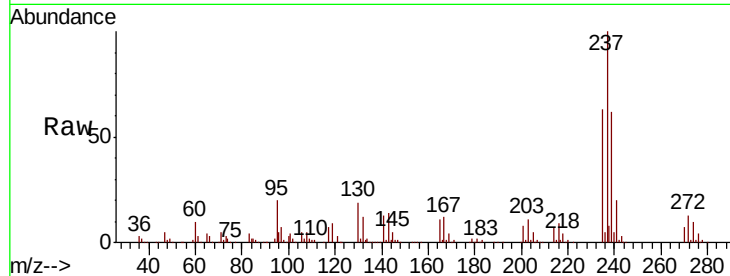




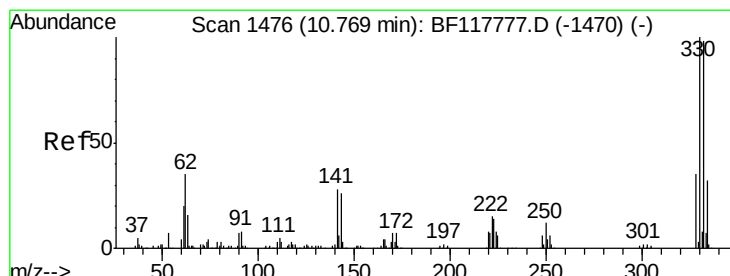
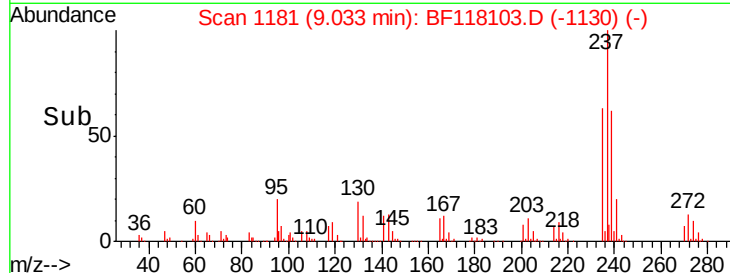
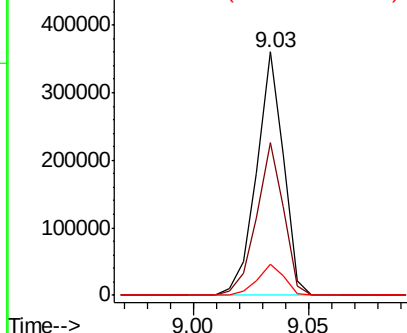
#41
Hexachlorocyclopentadiene
Concen: 48.110 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 294154
Ion Ratio Lower Upper
237 100
235 63.0 43.7 83.7
272 12.6 0.0 32.7

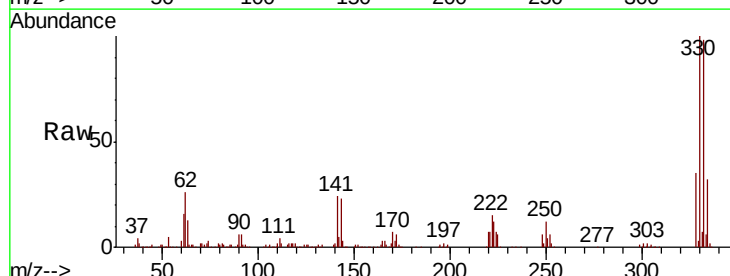


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

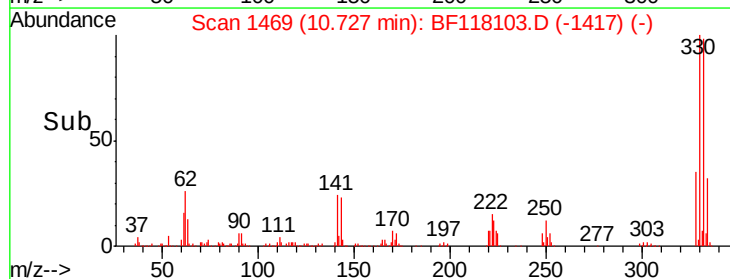
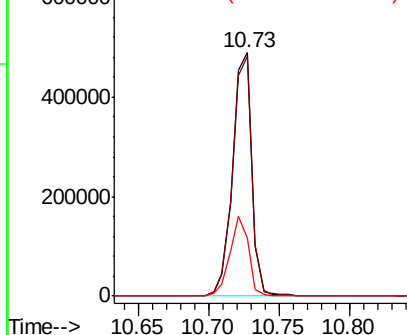


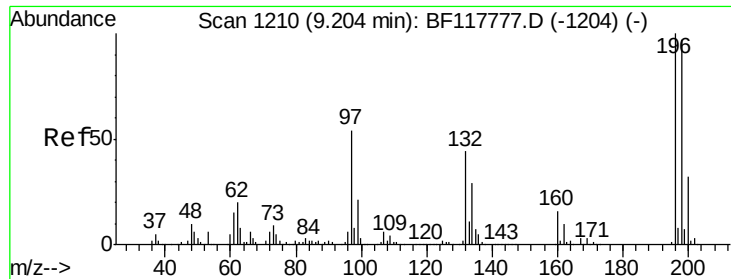
#42
2,4,6-Tribromophenol
Concen: 117.261 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:330 Resp: 466392
Ion Ratio Lower Upper
330 100
332 99.0 78.3 117.5
141 31.7 26.4 39.6



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

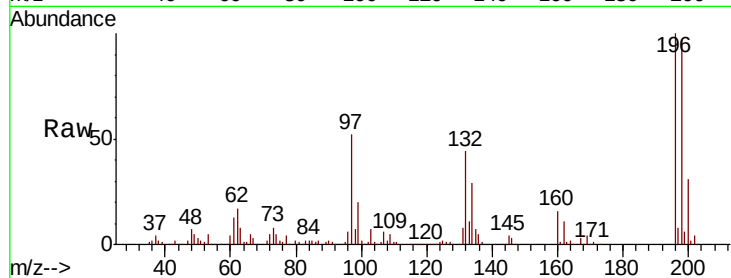




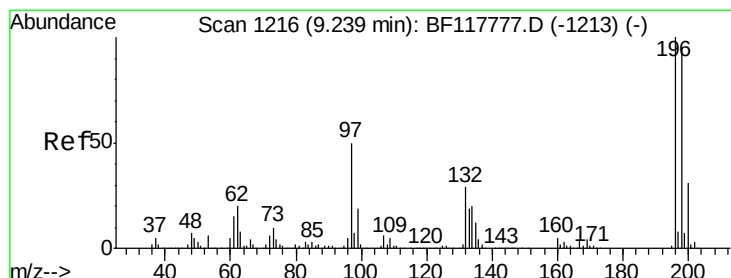
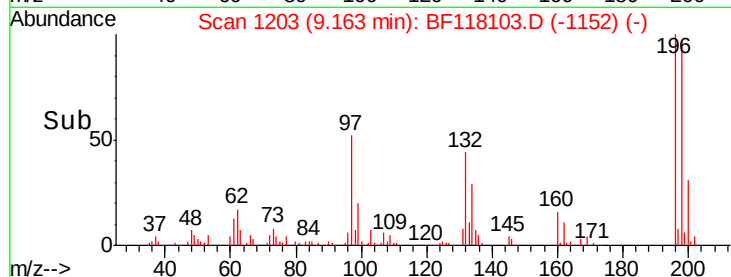
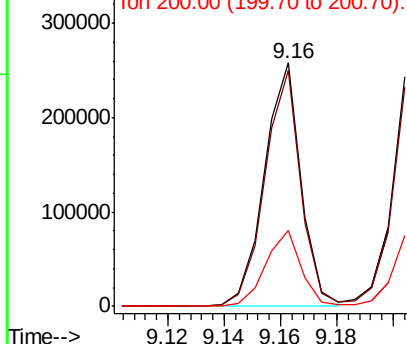
#43
 2,4,6-Trichlorophenol
 Concen: 29.545 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 230884
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.9 115.3
 200 31.1 24.2 36.4

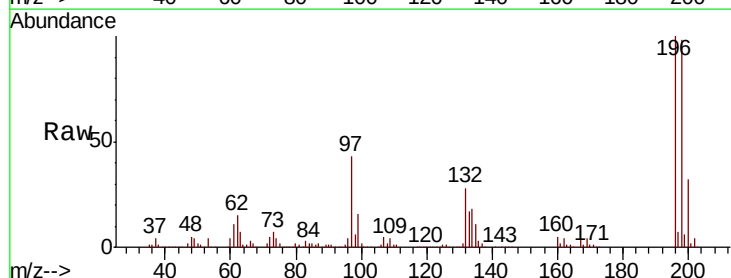


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

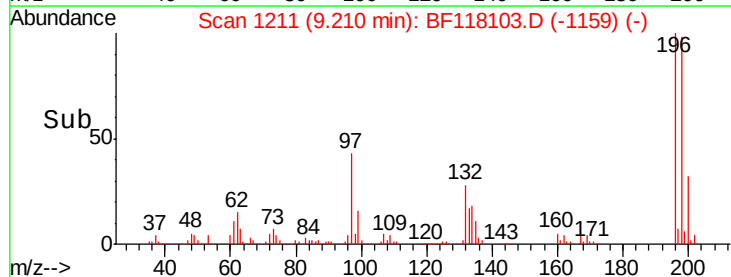
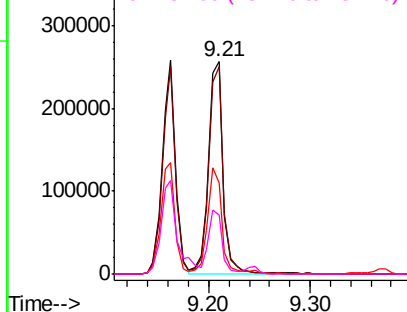


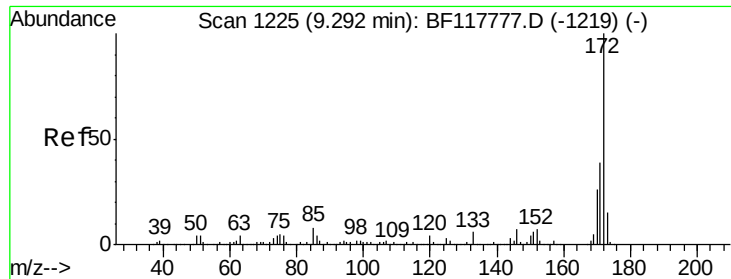
#44
 2,4,5-Trichlorophenol
 Concen: 31.558 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion:196 Resp: 256058
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.1 117.1
 97 42.6 37.4 56.2
 132 27.5 22.7 34.1



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

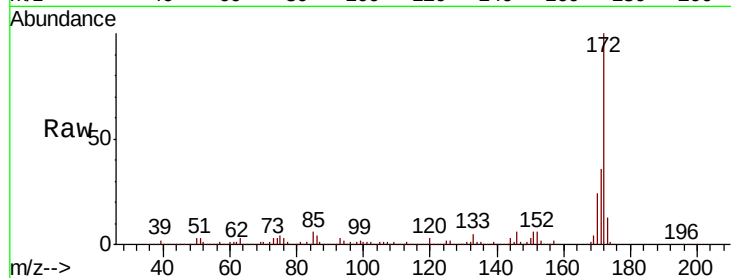




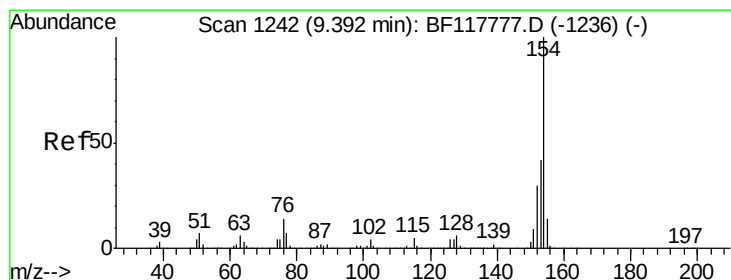
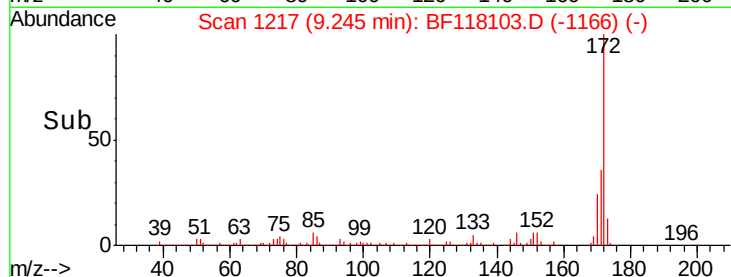
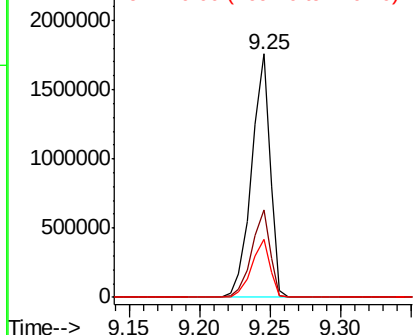
#45
2-Fluorobiphenyl
Concen: 77.911 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1631535
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 23.9 19.3 28.9

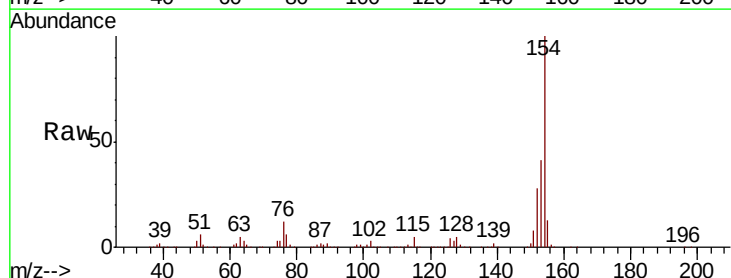


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

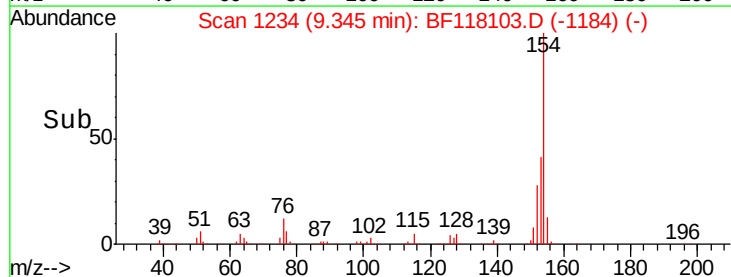
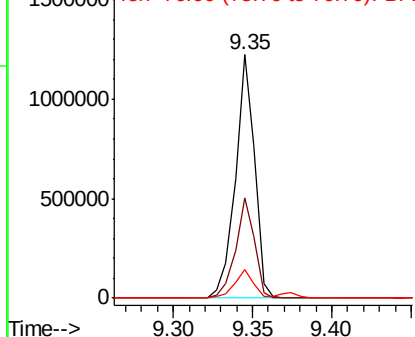


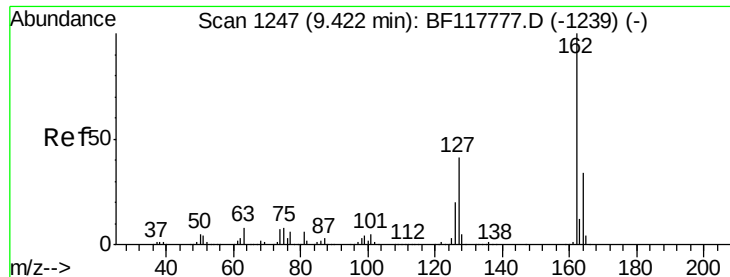
#46
1,1'-Biphenyl
Concen: 36.755 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:154 Resp: 1024475
Ion Ratio Lower Upper
154 100
153 41.0 21.1 61.1
76 12.0 0.0 30.8



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

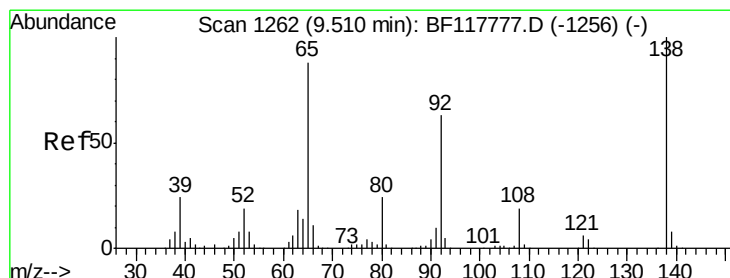
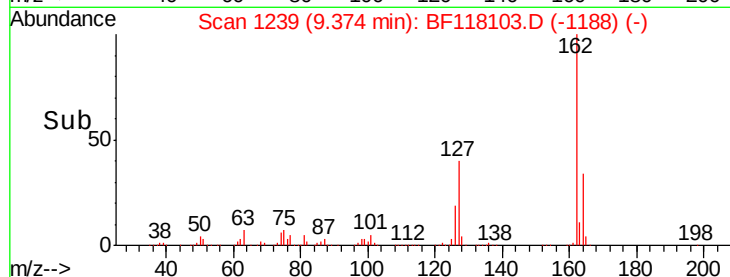
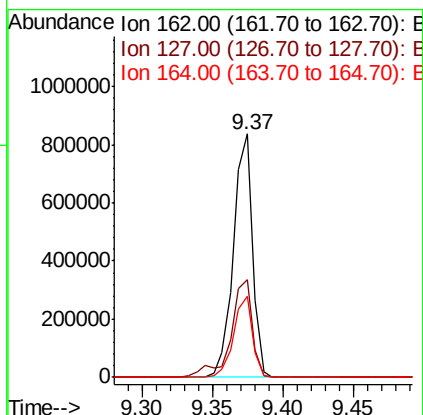
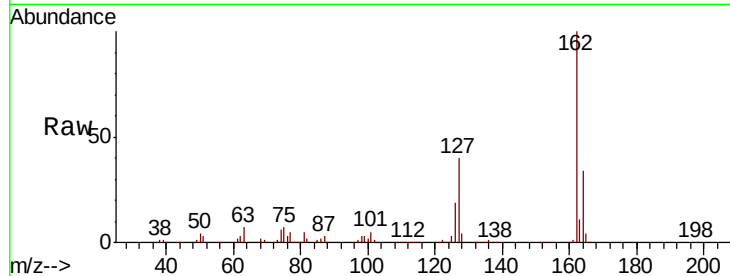




#47
 2-Chloronaphthalene
 Concen: 34.372 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

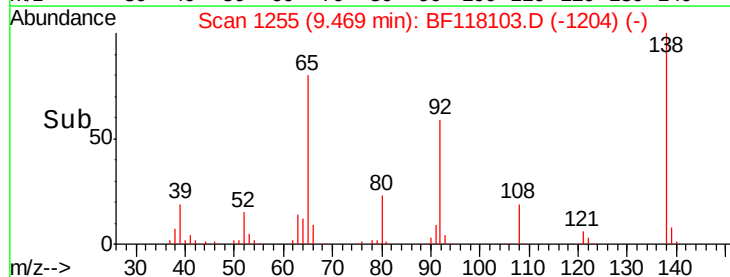
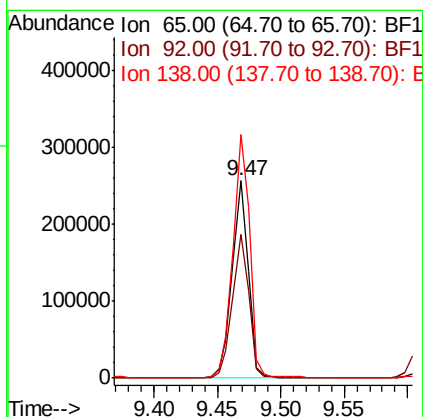
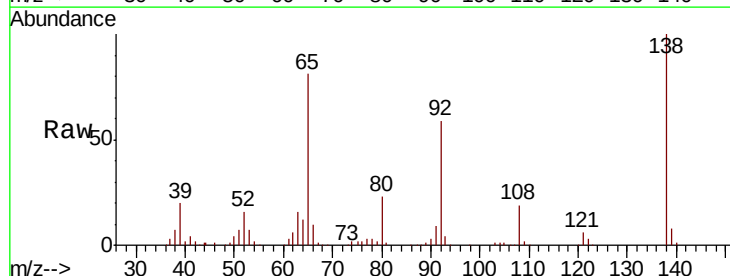
Instrument :
 BNA_F
 ClientSampleId :

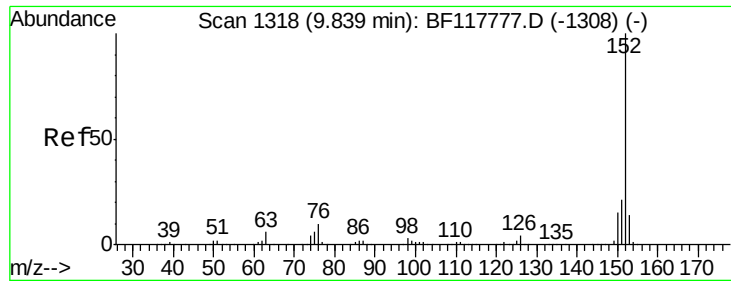
Tot Ion:	162	Resp:	788136
Ion	Ratio	Lower	Upper
162	100		
127	40.3	34.6	52.0
164	33.5	26.0	39.0



#48
 2-Nitroaniline
 Concen: 32.595 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion:	65	Resp:	225640
Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.9	86.9
138	123.5	96.2	144.2





#49

Acenaphthylene

Concen: 37.614 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampleId :

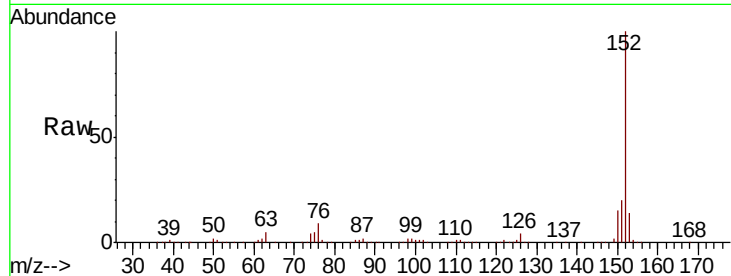
Tot Ion:152 Resp: 1257457

Ion Ratio Lower Upper

152 100

151 20.3 16.7 25.1

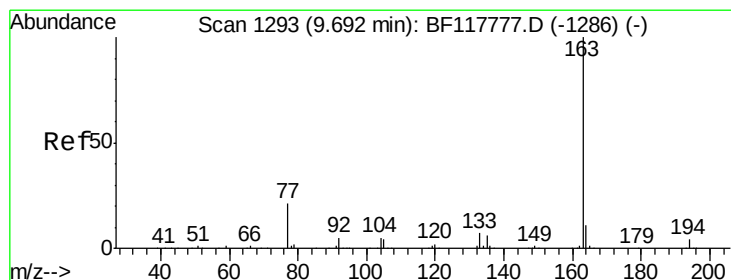
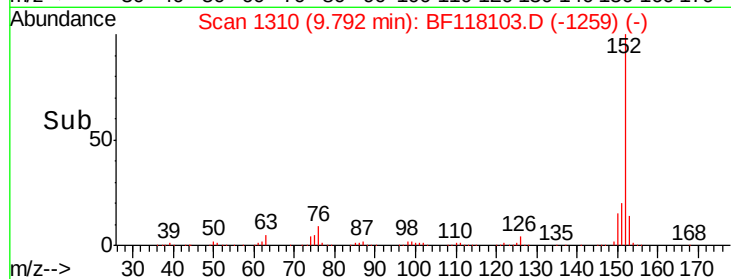
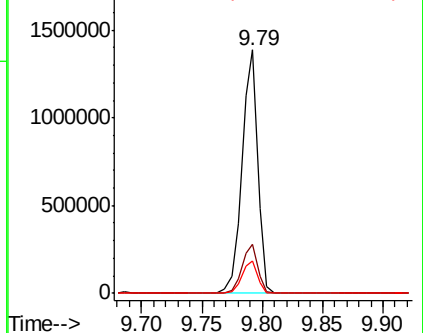
153 13.5 11.1 16.7



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: 35.565 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

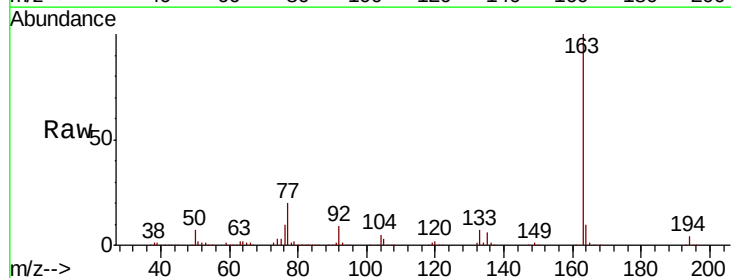
Tgt Ion:163 Resp: 936962

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

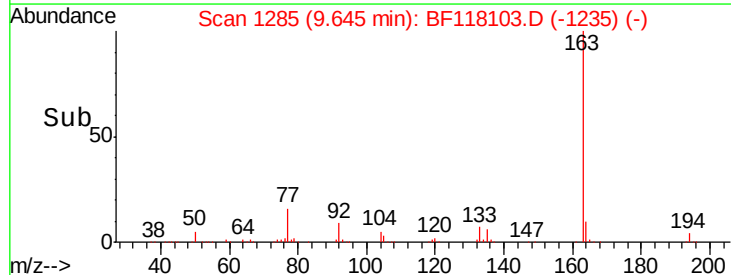
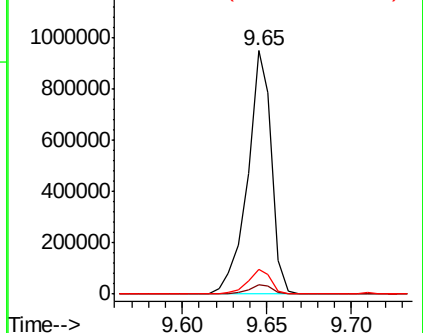
164 10.3 7.9 11.9

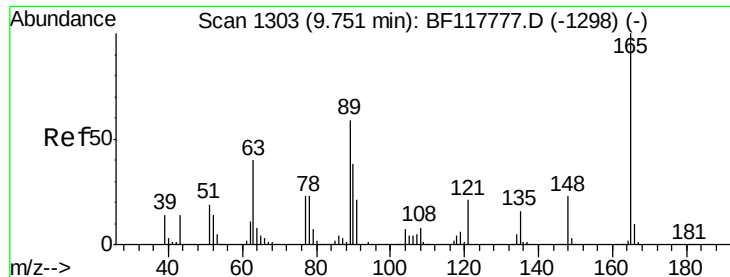


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.471 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampleId :

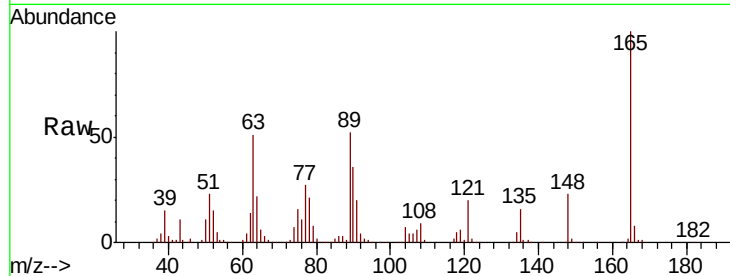
Tot Ion:165 Resp: 215752

Ion Ratio Lower Upper

165 100

63 50.9 43.9 65.9

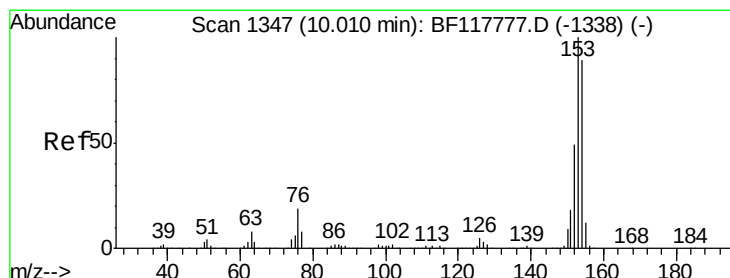
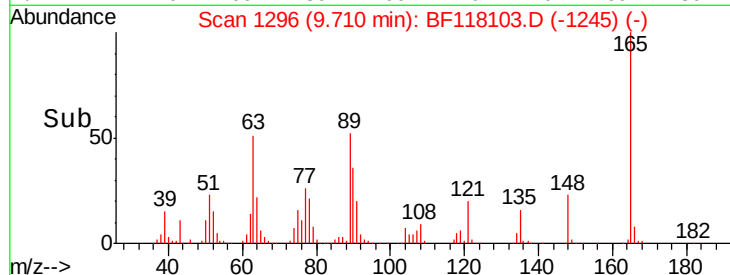
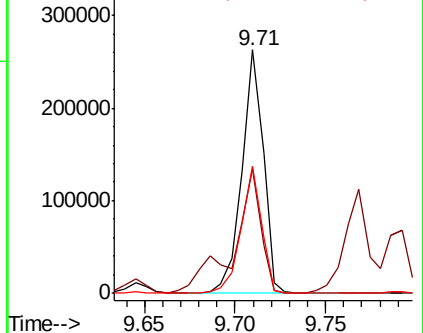
89 52.1 45.5 68.3



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: 34.435 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

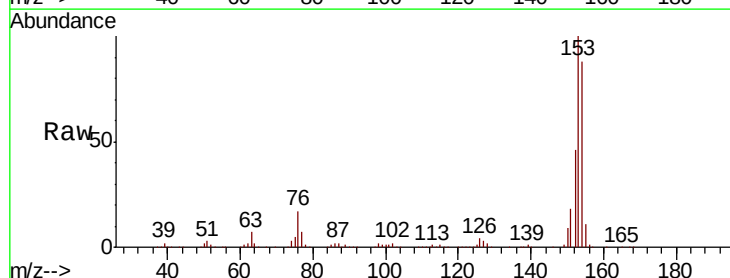
Tgt Ion:154 Resp: 737439

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

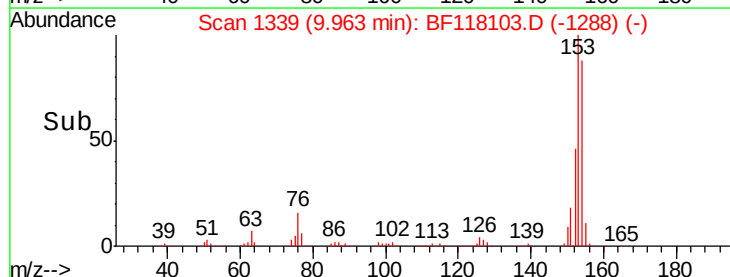
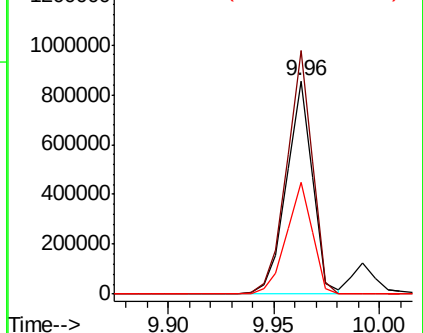
152 52.5 43.6 65.4

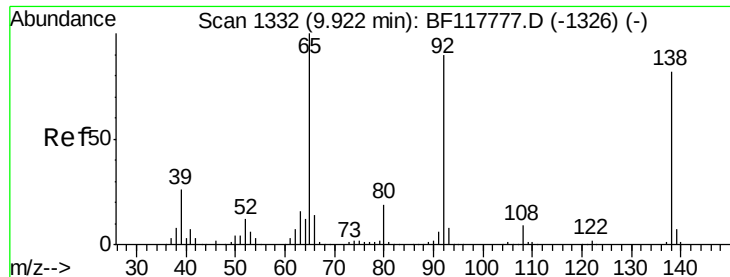


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

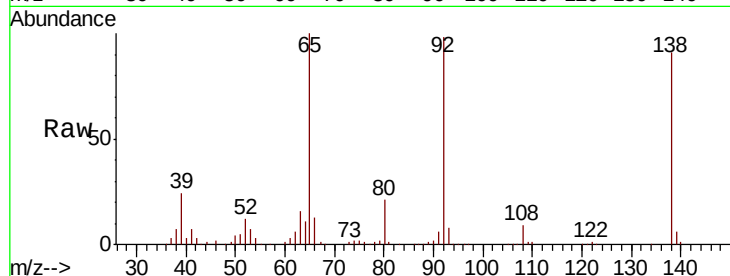




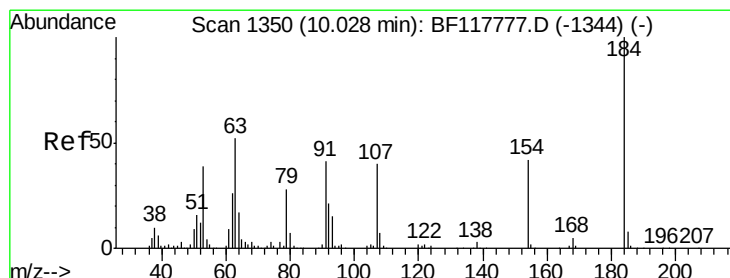
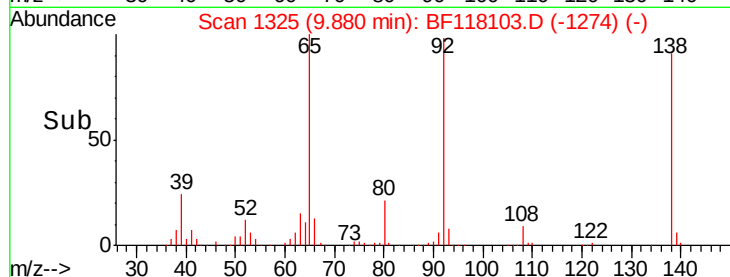
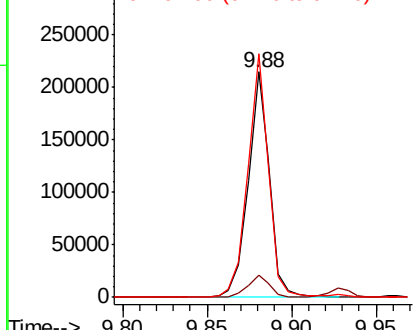
#53
3-Nitroaniline
Concen: 27.479 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 189322
Ion Ratio Lower Upper
138 100
108 9.9 8.7 13.1
92 107.9 87.4 131.0

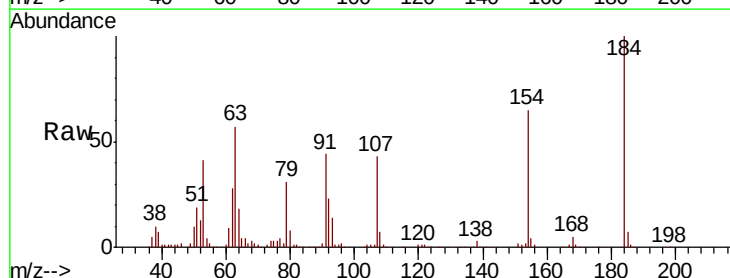


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

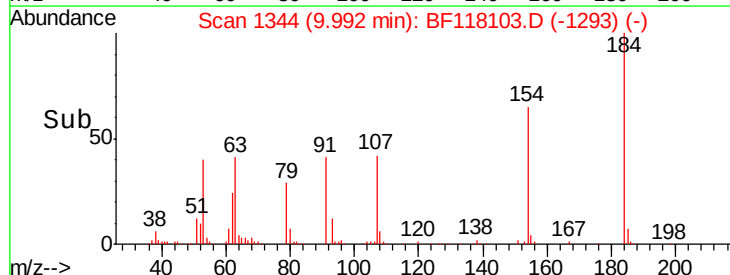
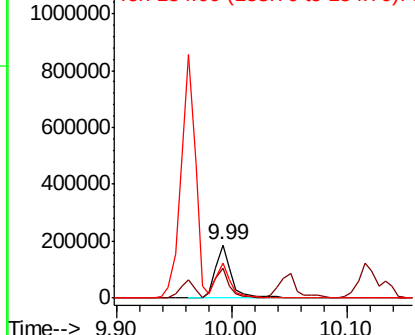


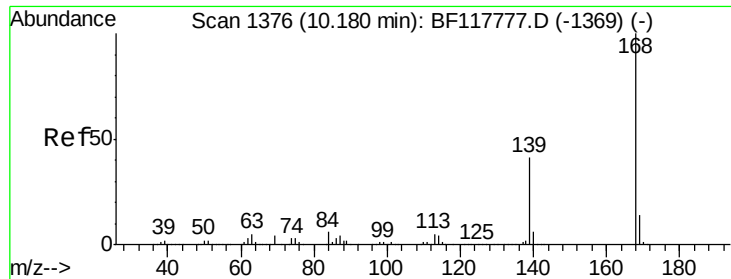
#54
2,4-Dinitrophenol
Concen: 61.949 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:184 Resp: 177971
Ion Ratio Lower Upper
184 100
63 57.3 45.3 67.9
154 65.5 51.6 77.4



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

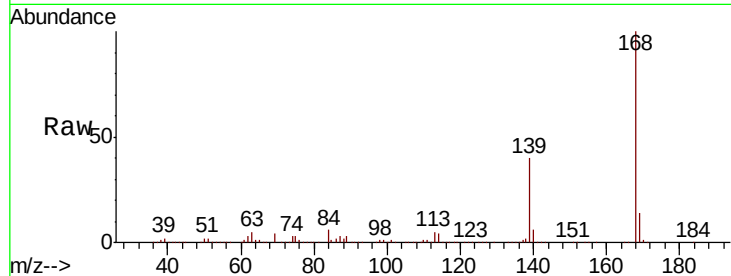




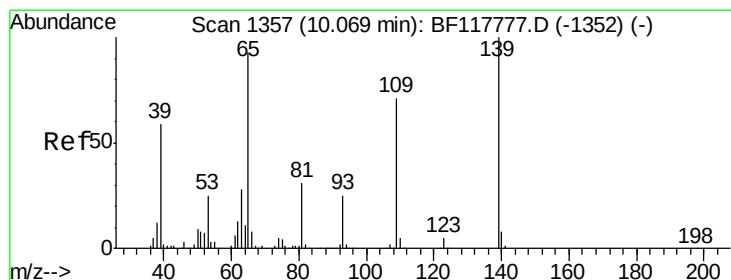
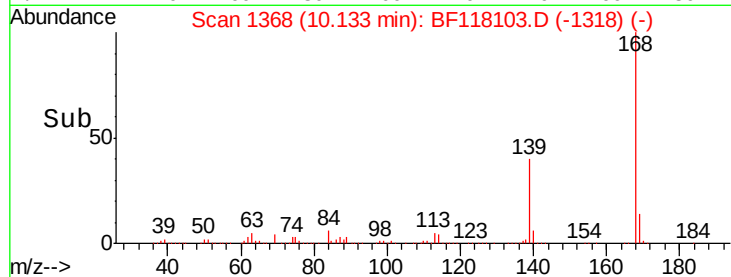
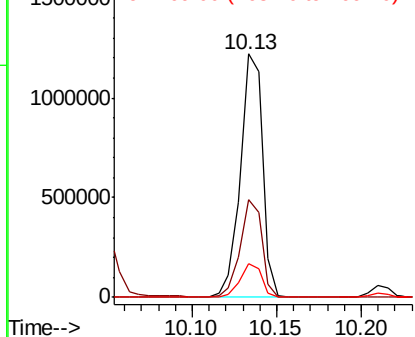
#55
Dibenzofuran
Concen: 37.763 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1119858
Ion Ratio Lower Upper
168 100
139 40.2 32.5 48.7
169 13.8 10.8 16.2

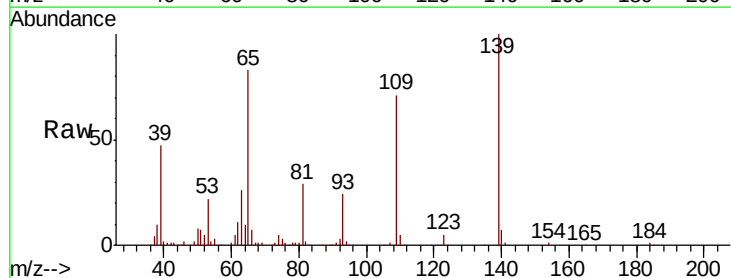


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

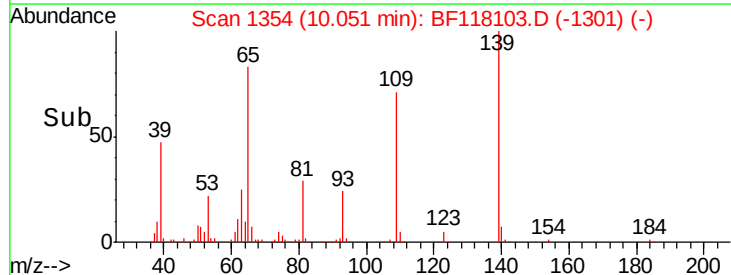
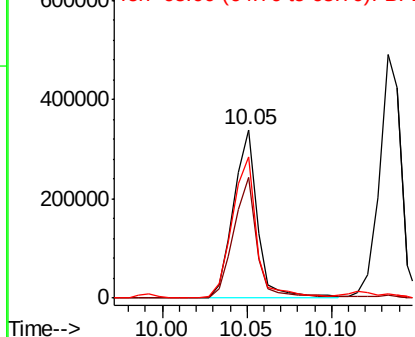


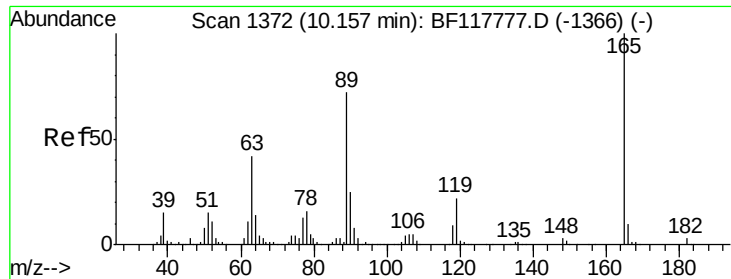
#56
4-Nitrophenol
Concen: 65.177 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:139 Resp: 335183
Ion Ratio Lower Upper
139 100
109 71.2 55.2 95.2
65 83.5 68.7 108.7



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

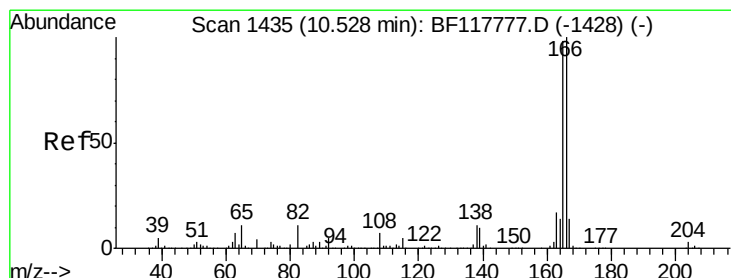
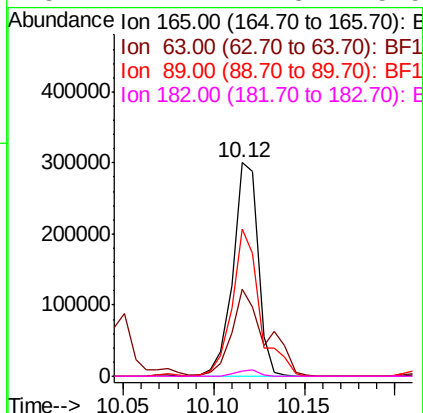
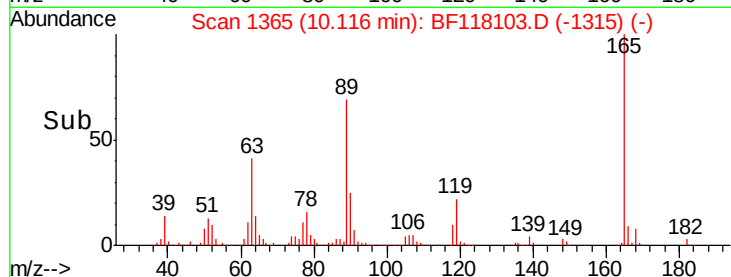
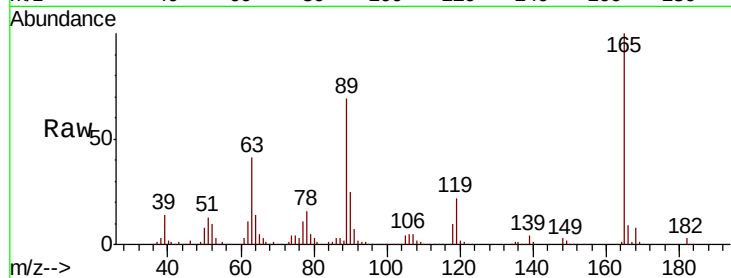




#57
2,4-Dinitrotoluene
Concen: 39.708 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

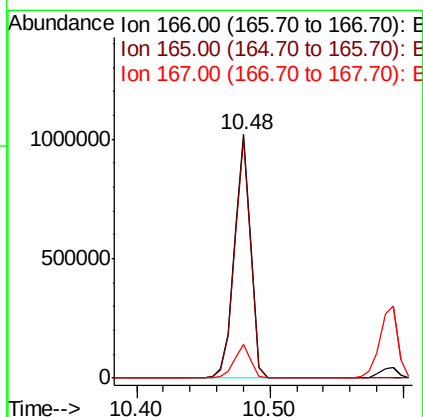
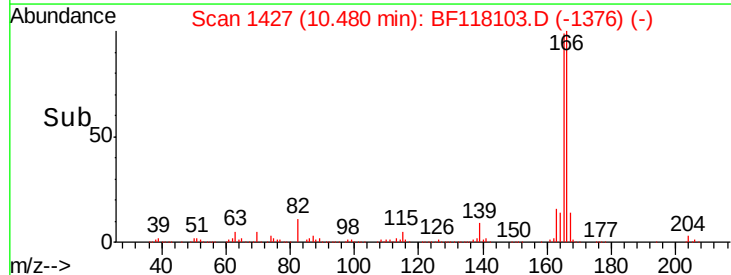
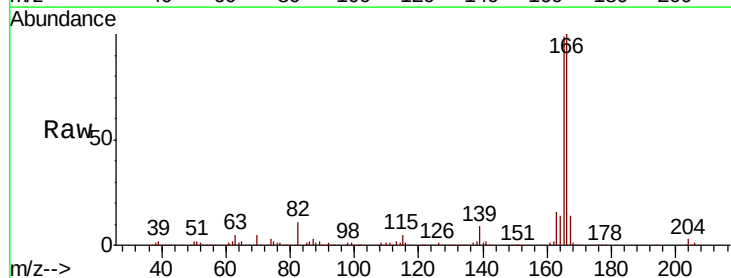
Instrument :
BNA_F
ClientSampleId :

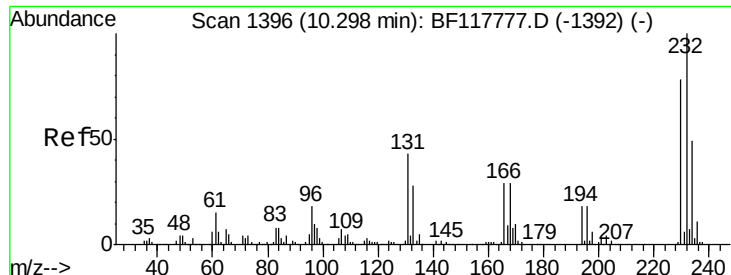
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	26.5	39.7#
89	69.0	47.2	70.8
182	2.7	2.3	3.5



#58
Fluorene
Concen: 38.124 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.4	116.2
167	13.8	10.7	16.1

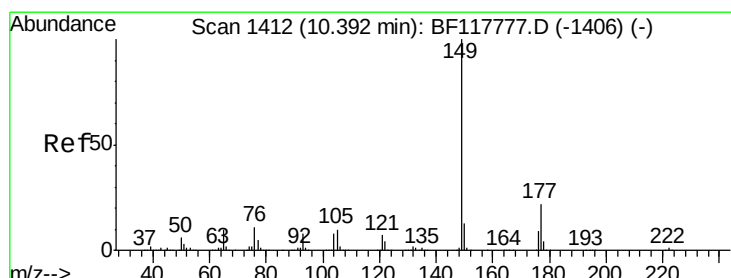
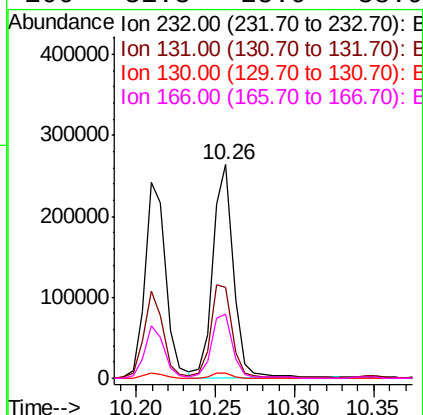
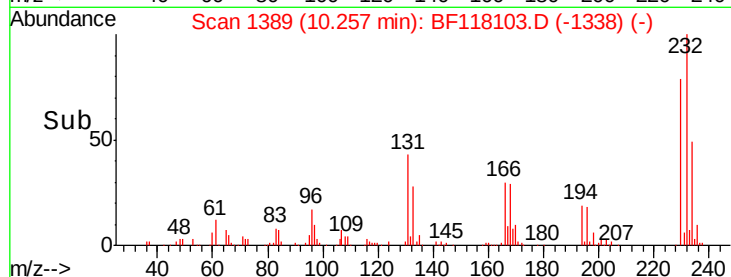
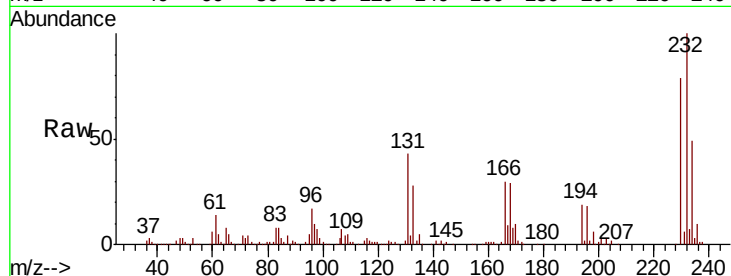




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.666 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

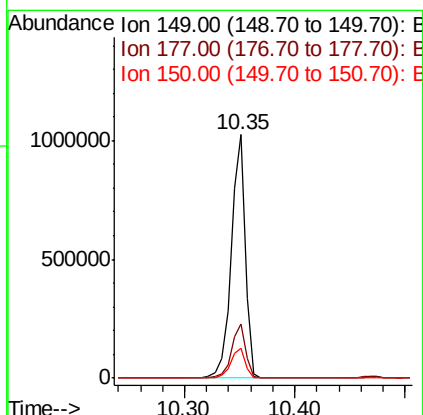
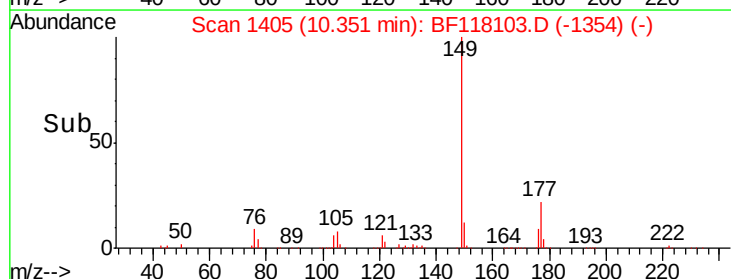
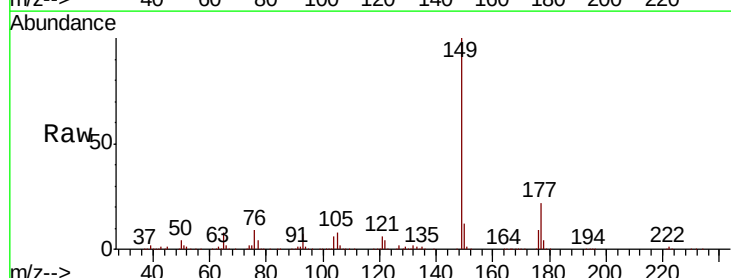
Instrument :
BNA_F
ClientSampleId :

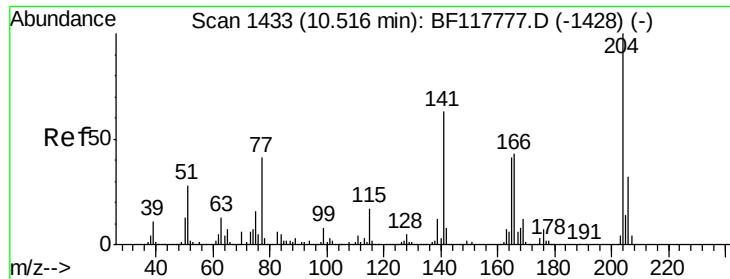
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	38.8	58.2
130	2.2	1.9	2.9
166	31.3	25.9	38.9



#60
Diethylphthalate
Concen: 35.532 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.6	26.4
150	12.4	9.8	14.8

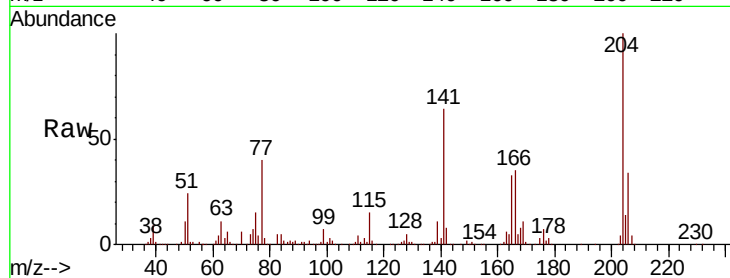




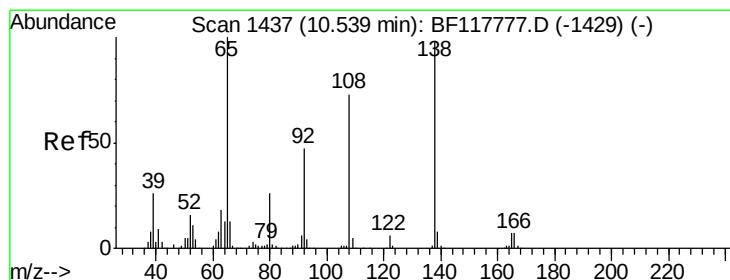
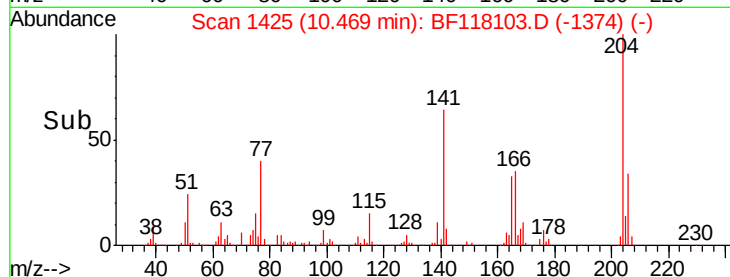
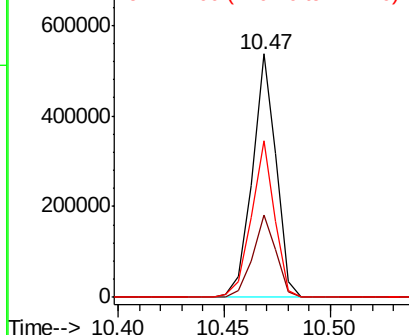
#61
4-Chlorophenyl-phenylether
Concen: 36.031 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 420200
Ion Ratio Lower Upper
204 100
206 33.9 26.0 39.0
141 64.1 55.1 82.7

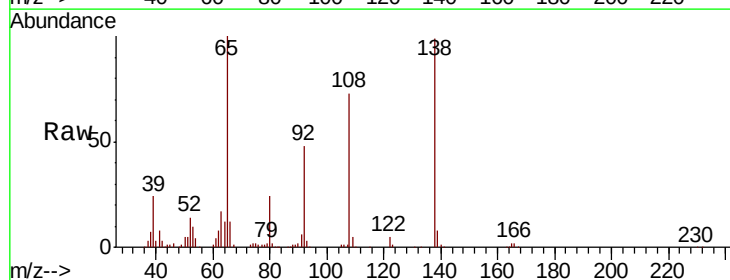


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

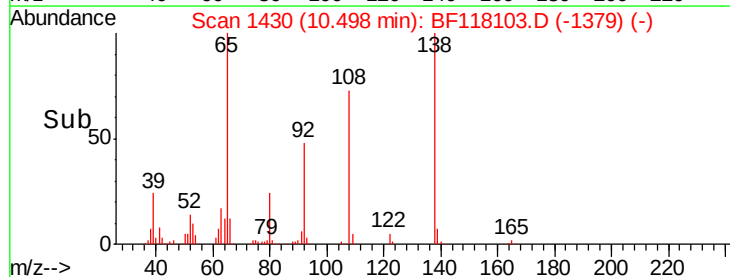
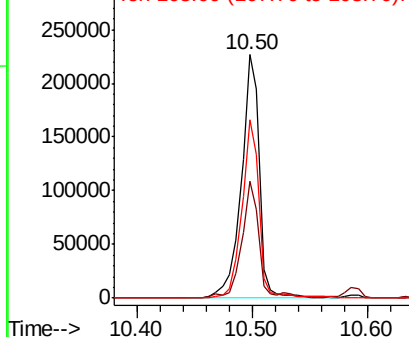


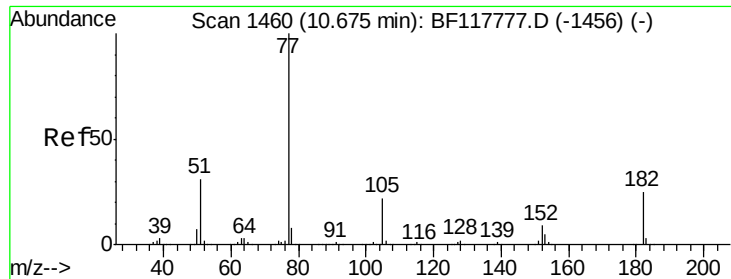
#62
4-Nitroaniline
Concen: 35.856 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:138 Resp: 247348
Ion Ratio Lower Upper
138 100
92 48.0 27.5 67.5
108 73.4 57.9 97.9



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





#63

Azobenzene

Concen: 34.496 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 806062

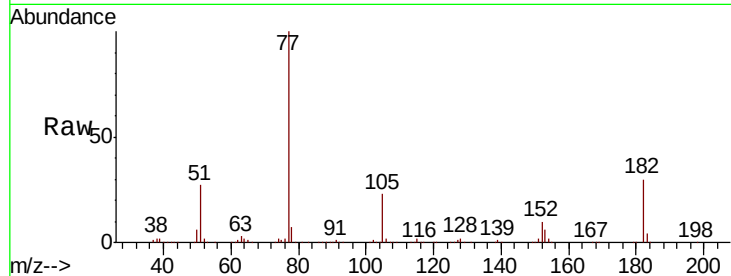
Ion Ratio Lower Upper

77 100

182 30.3 8.2 48.2

105 23.4 2.1 42.1

51 26.7 8.7 48.7

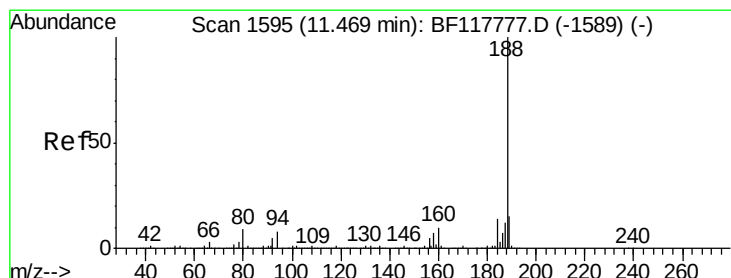
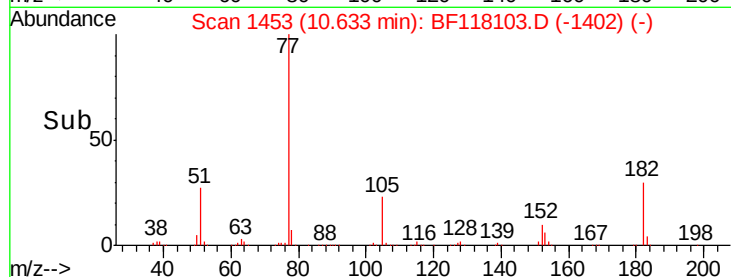
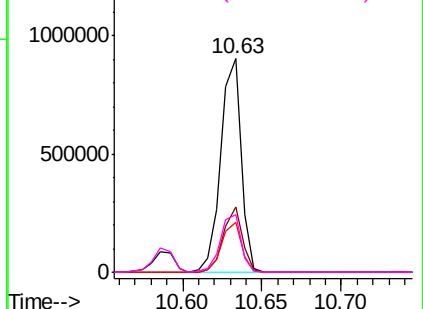


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

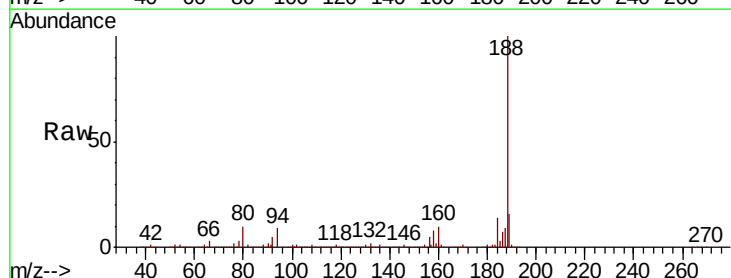
Tgt Ion: 188 Resp: 722836

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

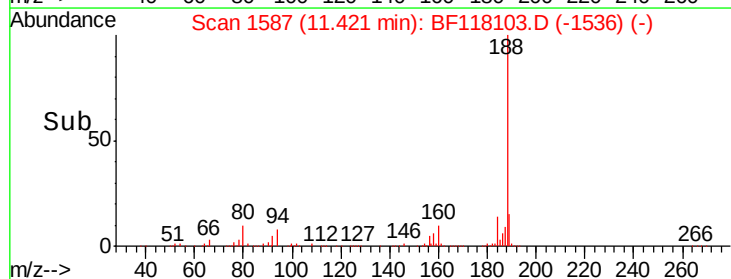
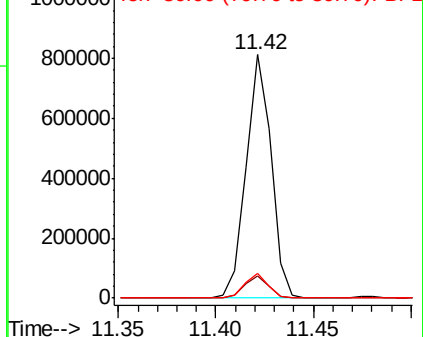
80 9.9 7.2 10.8

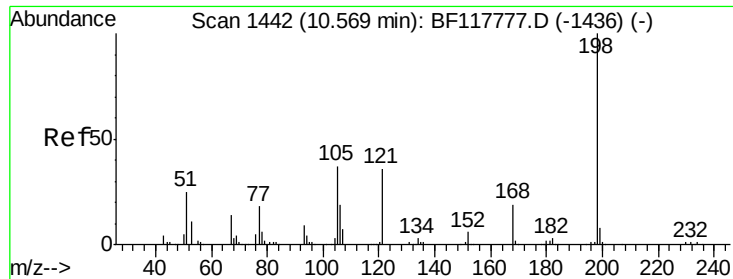


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.876 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

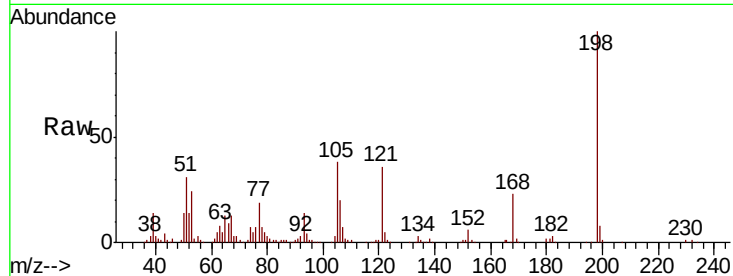
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 131186

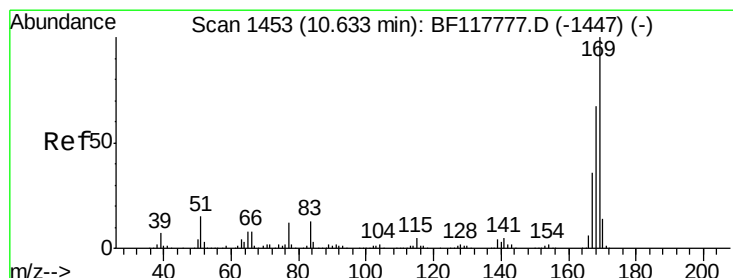
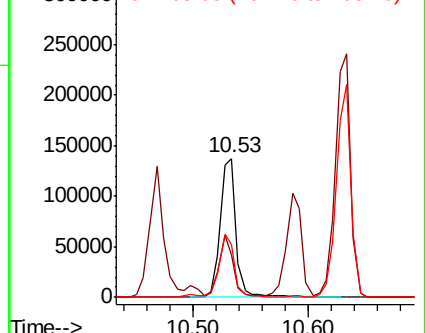
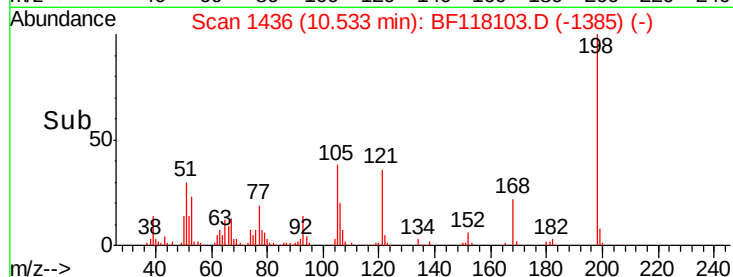
Ion	Ratio	Lower	Upper
198	100		
51	30.6	12.6	52.6
105	38.0	17.0	57.0



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: 37.051 ng

RT: 10.59 min Scan# 1446

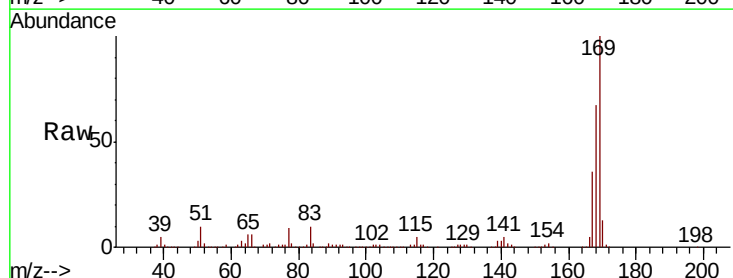
Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tgt Ion:169 Resp: 779433

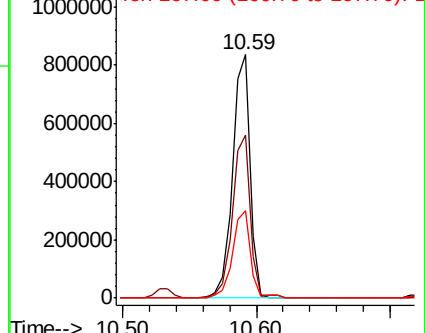
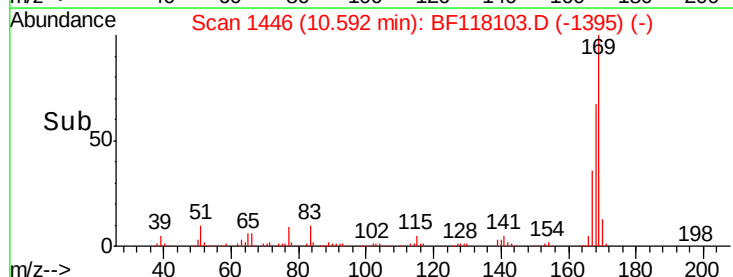
Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.5	78.7
167	36.1	28.4	42.6

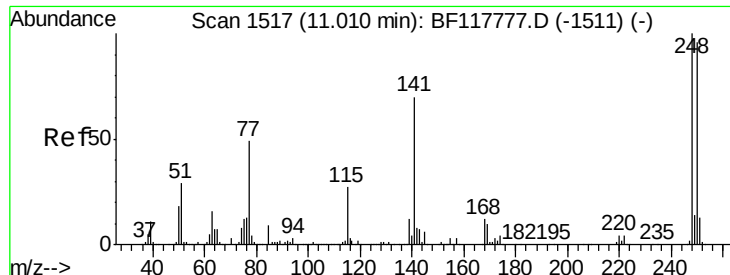


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

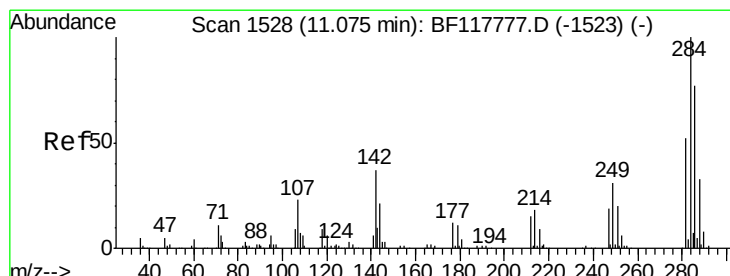
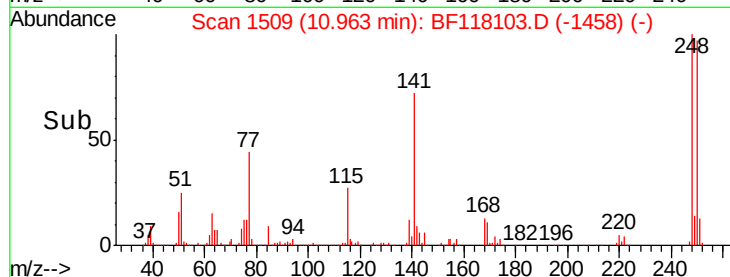
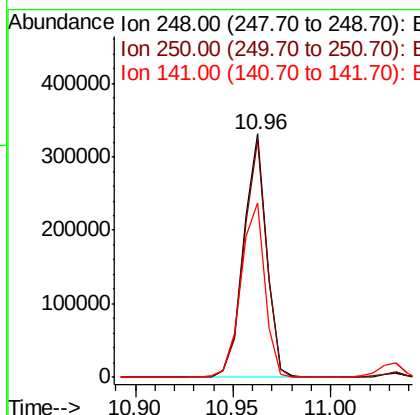
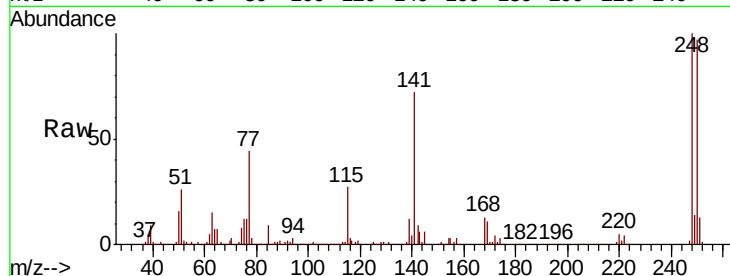




#67
4-Bromophenyl-phenylether
Concen: 34.686 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

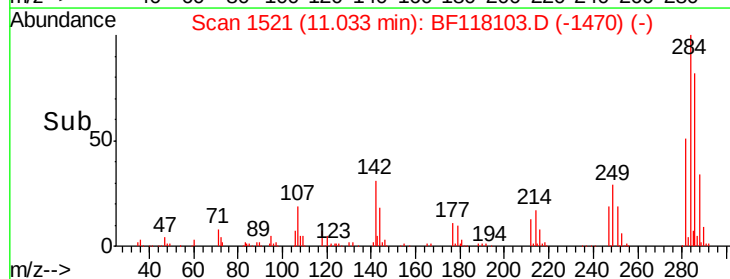
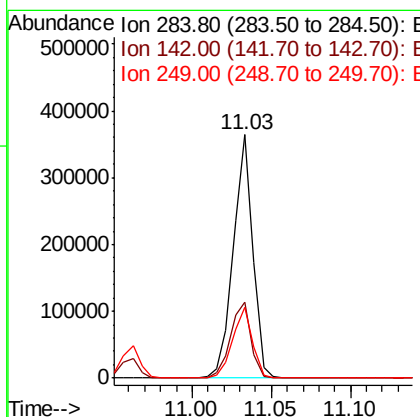
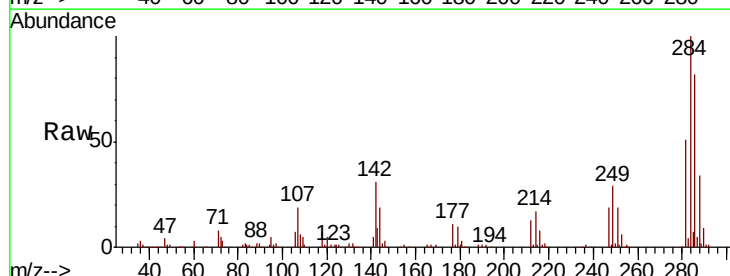
Instrument :
BNA_F
ClientSampled :

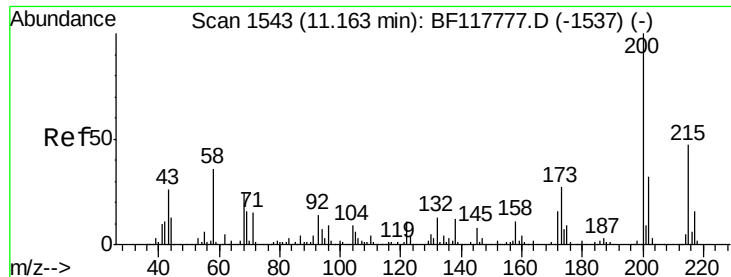
Tot Ion:248 Resp: 270529
Ion Ratio Lower Upper
248 100
250 97.4 78.0 117.0
141 71.7 64.0 96.0



#68
Hexachlorobenzene
Concen: 34.368 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:284 Resp: 312553
Ion Ratio Lower Upper
284 100
142 31.4 27.3 40.9
249 29.3 24.8 37.2





#69

Atrazine

Concen: 26.579 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampleId :

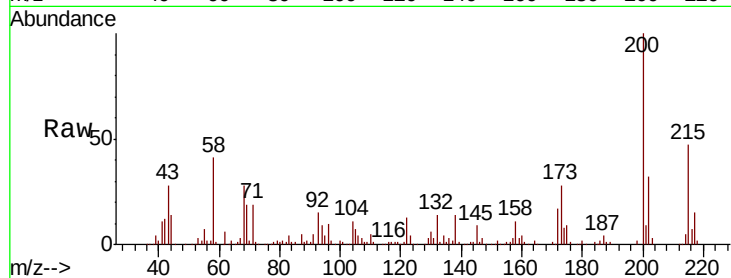
Tot Ion:200 Resp: 183927

Ion Ratio Lower Upper

200 100

173 28.0 7.9 47.9

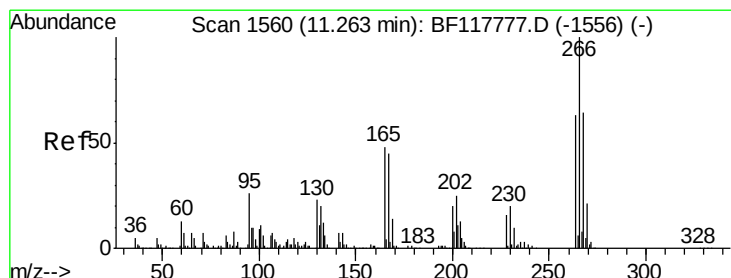
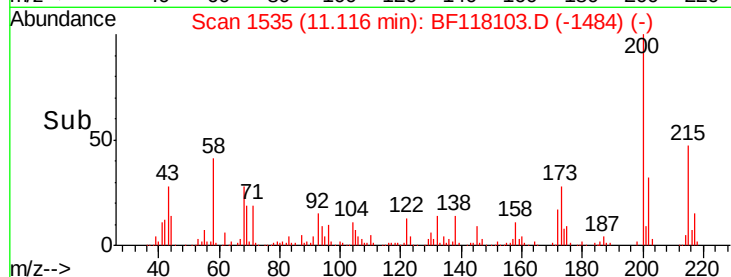
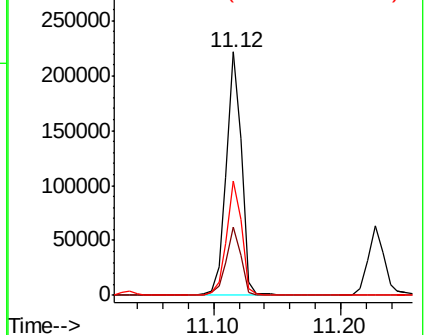
215 47.1 27.0 67.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 60.185 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

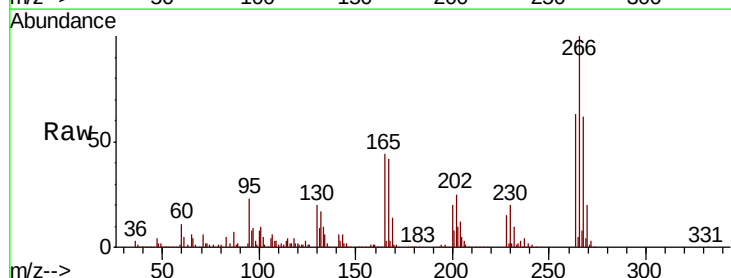
Tgt Ion:266 Resp: 319776

Ion Ratio Lower Upper

266 100

268 62.4 50.3 75.5

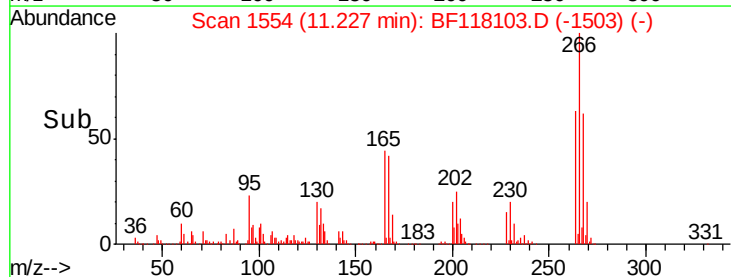
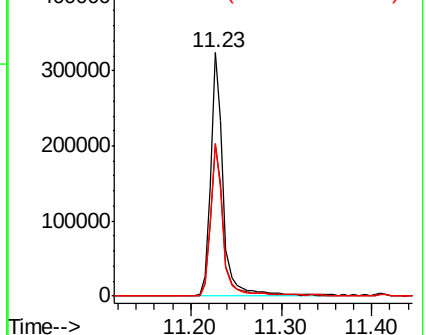
264 62.9 50.3 75.5

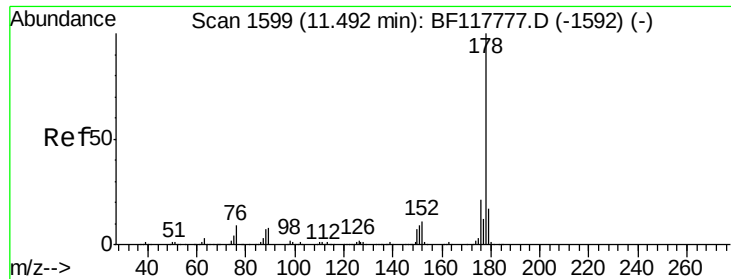


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

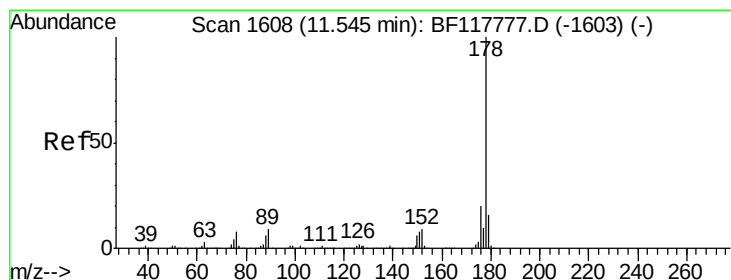
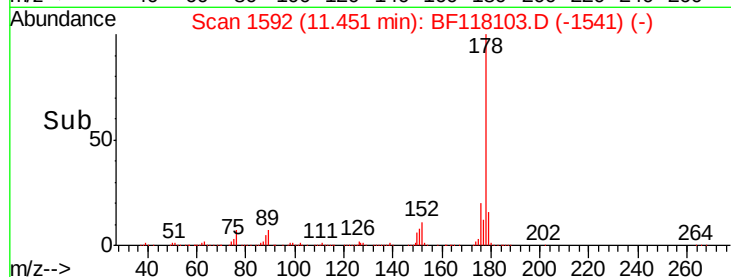
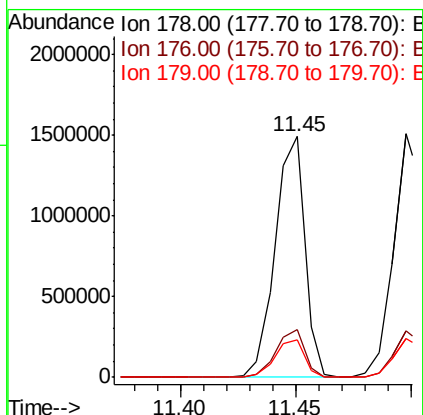
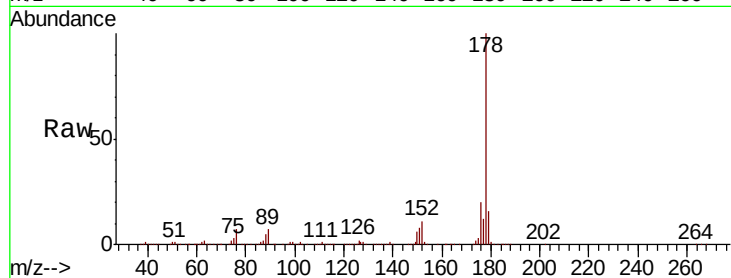




#71
Phenanthrene
Concen: 36.588 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

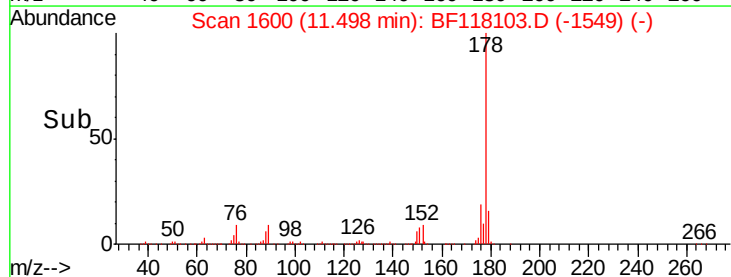
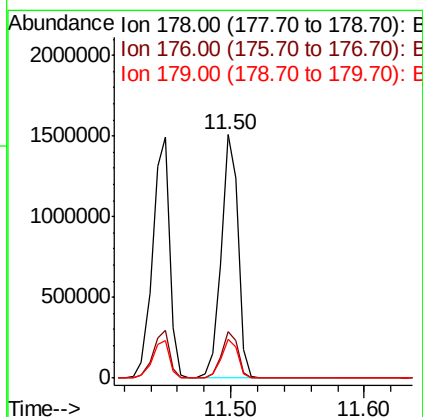
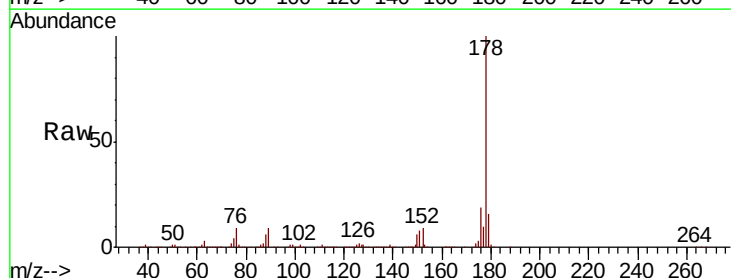
Instrument :
BNA_F
ClientSampleId :

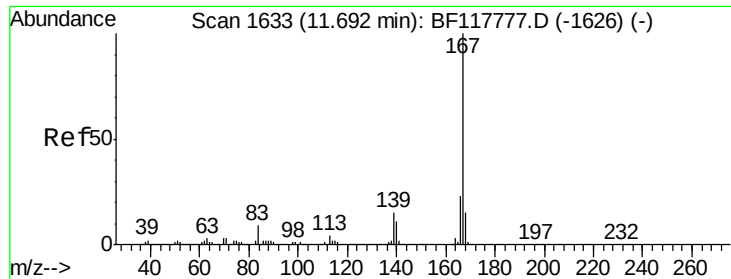
Tot Ion:178 Resp: 1329683
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 37.629 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:178 Resp: 1355837
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.9 12.8 19.2





#73

Carbazole

Concen: 34.410 ng

RT: 11.66 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampleId :

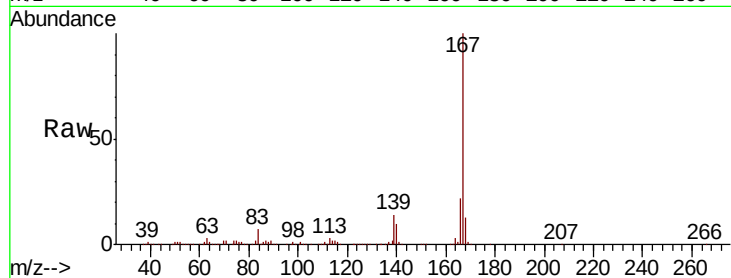
Tot Ion:167 Resp: 1083458

Ion Ratio Lower Upper

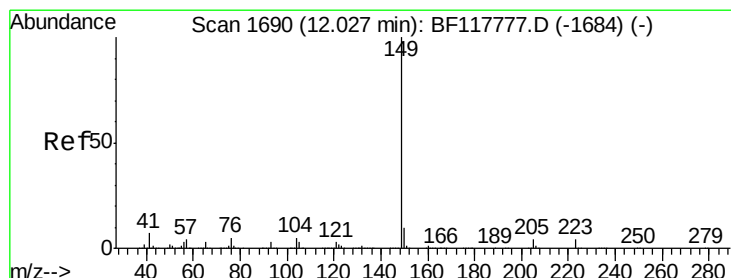
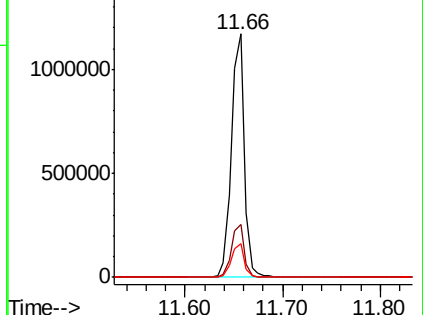
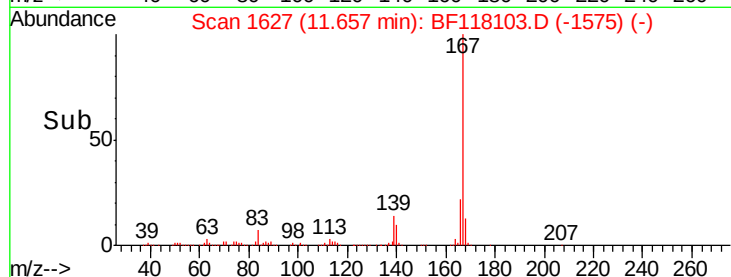
167 100

166 21.8 17.6 26.4

139 13.7 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: 35.841 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

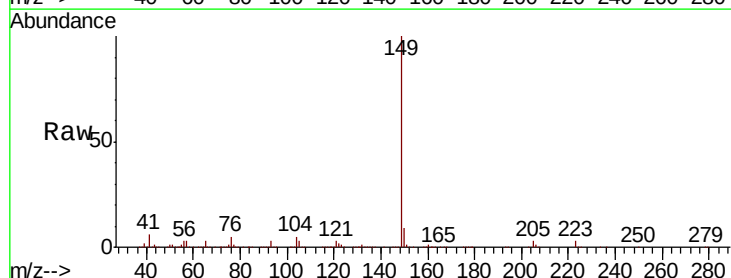
Tgt Ion:149 Resp: 1405108

Ion Ratio Lower Upper

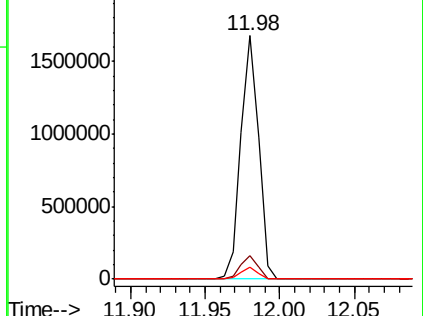
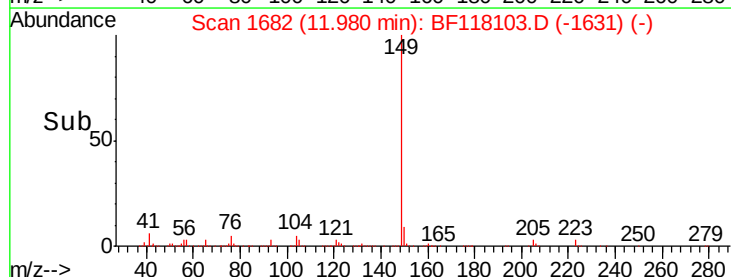
149 100

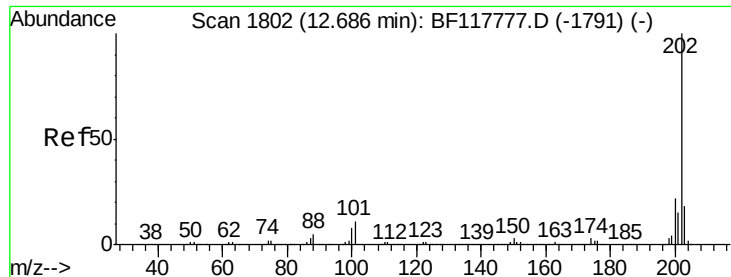
150 9.4 7.5 11.3

104 4.9 4.2 6.4



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: 43.382 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

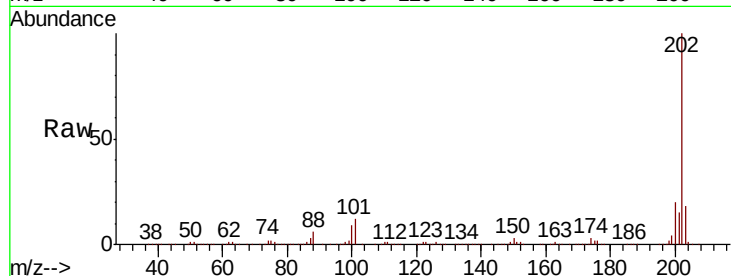
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1444637

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.5
203	17.8	0.0	37.6

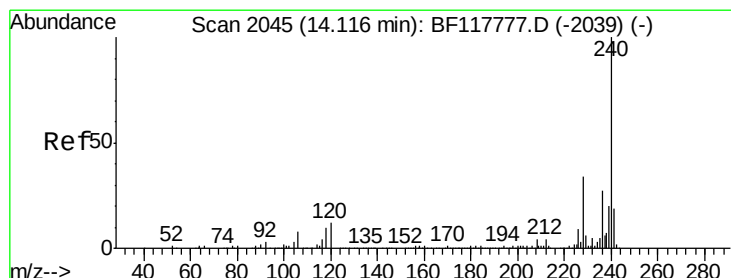
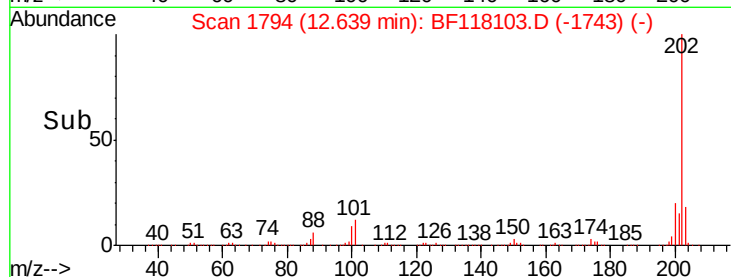
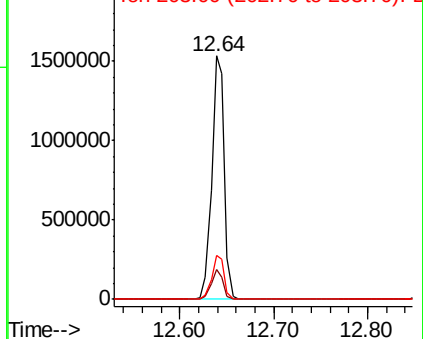


Abundance

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: 14.07 min Scan# 2038

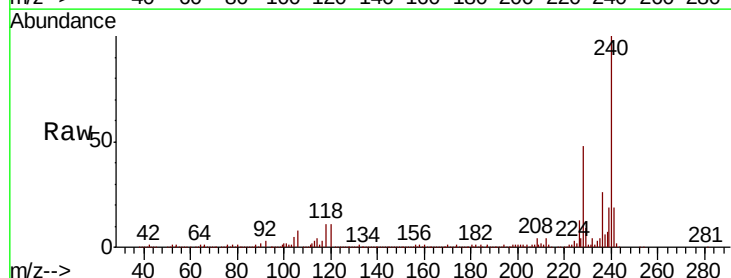
Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tgt Ion:240 Resp: 414913

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.4	12.6
236	26.2	20.6	31.0

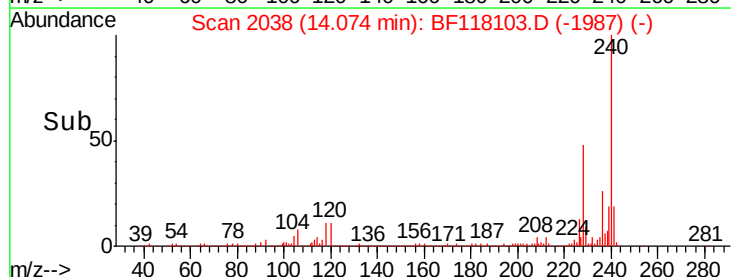
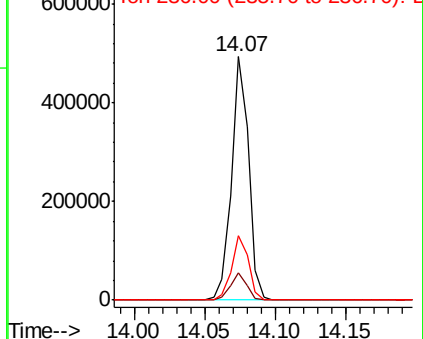


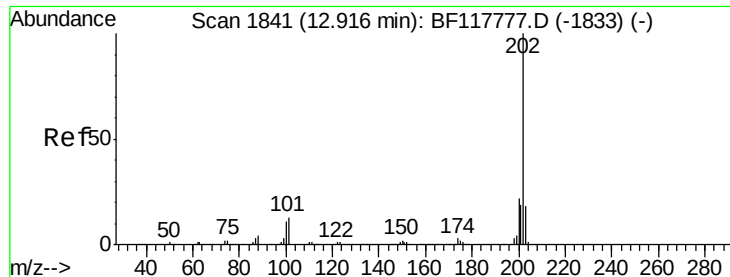
Abundance

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

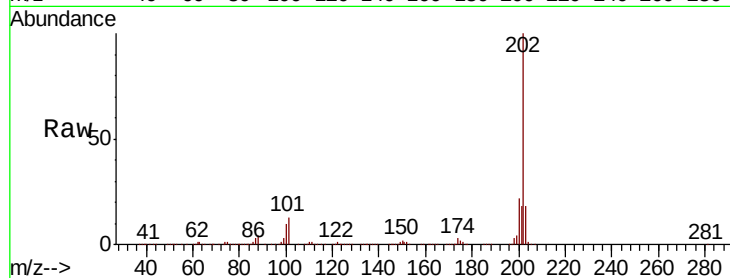




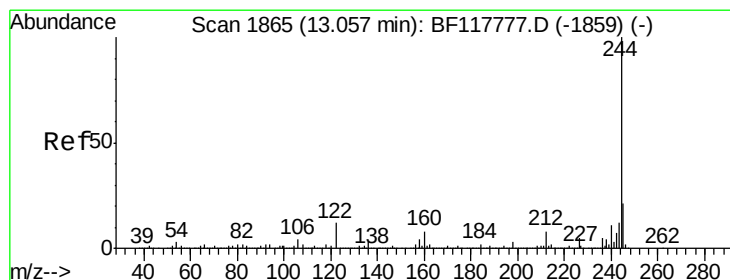
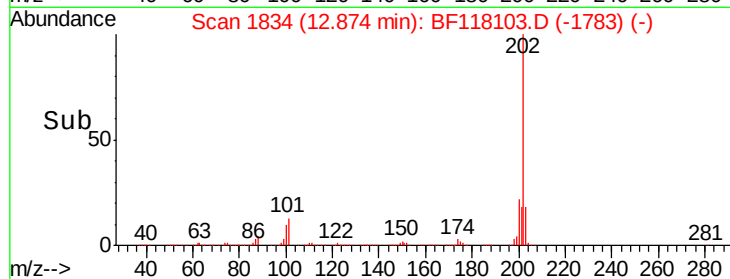
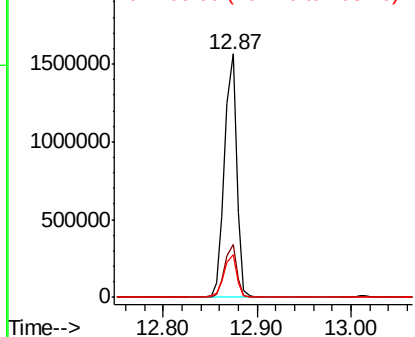
#78
Pvrene
Concen: 42.688 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1431383
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.6
203 17.7 14.2 21.4

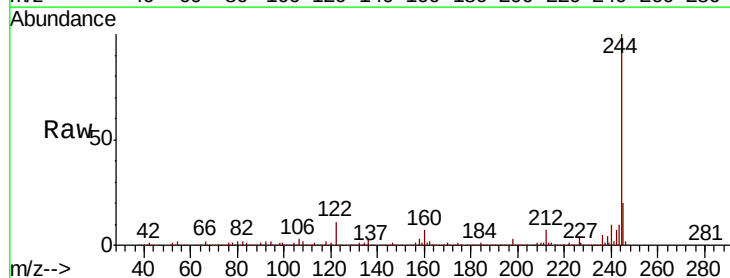


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

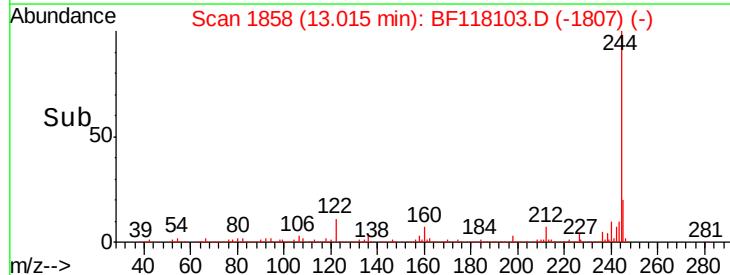
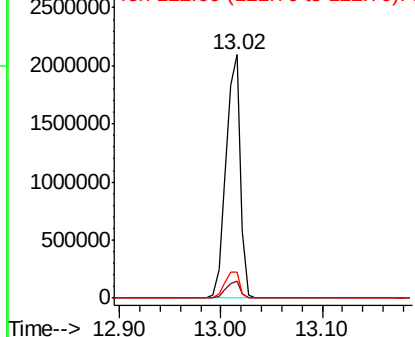


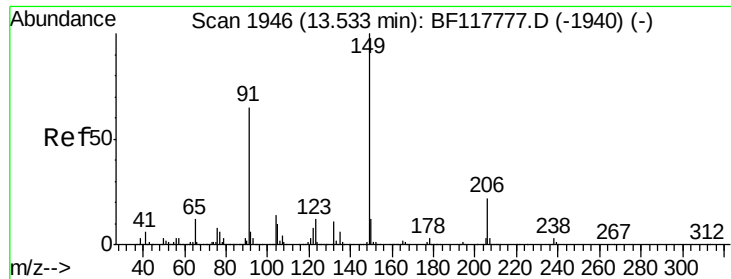
#79
Terphenyl-d14
Concen: 90.134 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:244 Resp: 2046258
Ion Ratio Lower Upper
244 100
212 6.9 5.2 7.8
122 10.5 7.2 10.8



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

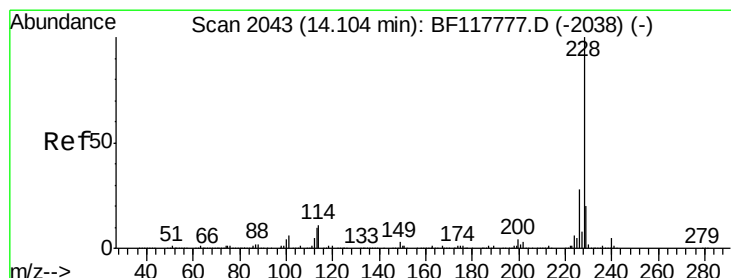
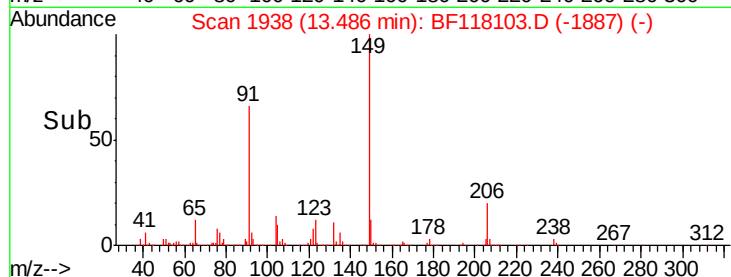
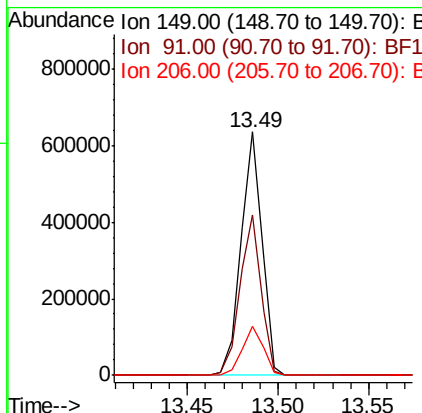
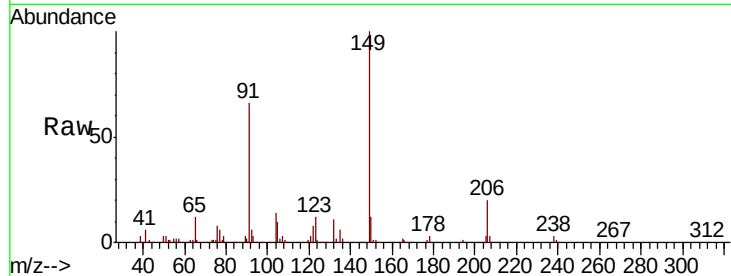




#80
Butylbenzylphthalate
Concen: 35.632 ng
RT: 13.49 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

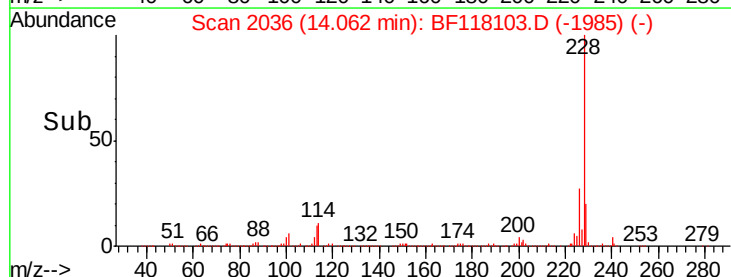
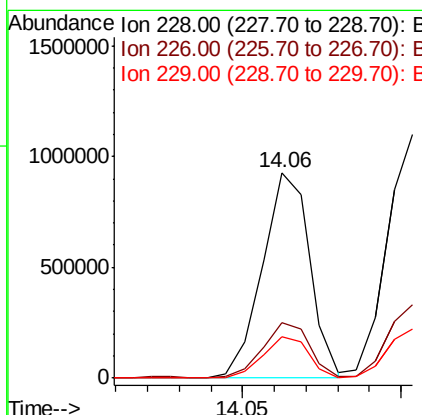
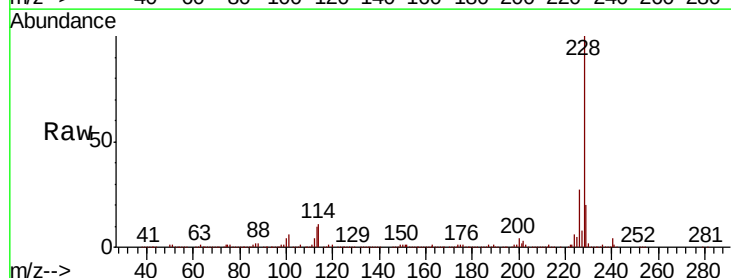
Instrument :
BNA_F
ClientSampleId :

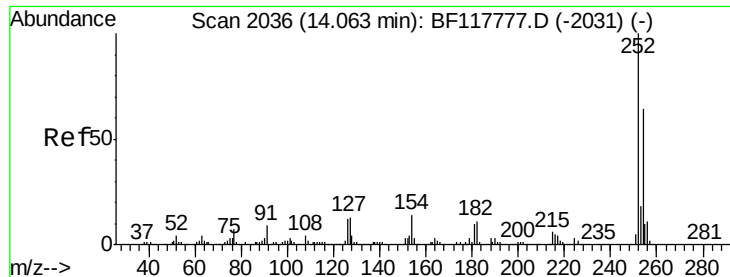
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	53.1	79.7
206	20.0	15.8	23.6



#81
Benzo(a)anthracene
Concen: 35.130 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	20.1	16.2	24.2

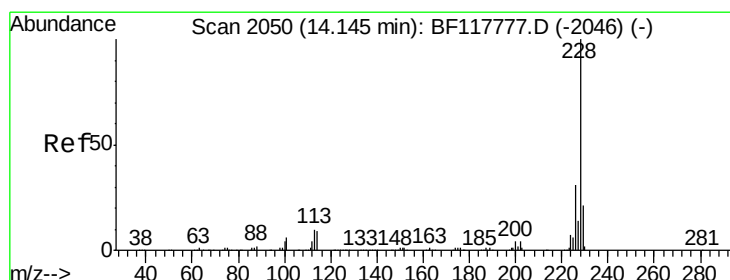
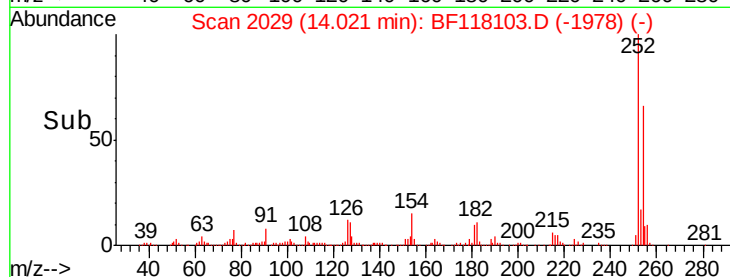
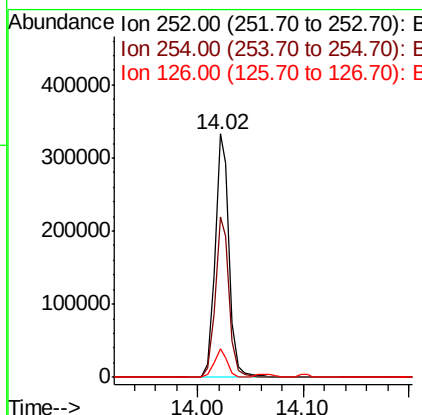
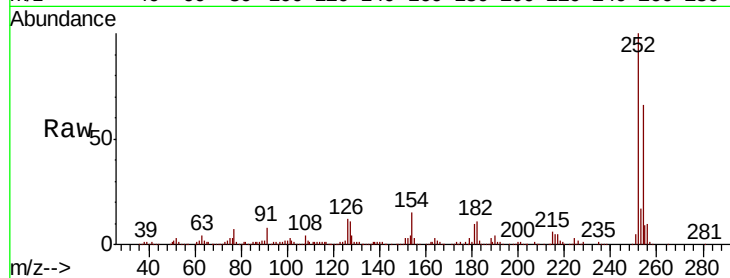




#82
 3,3'-Dichlorobenzidine
 Concen: 32.970 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

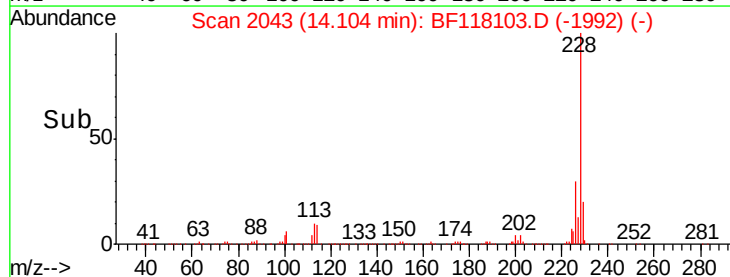
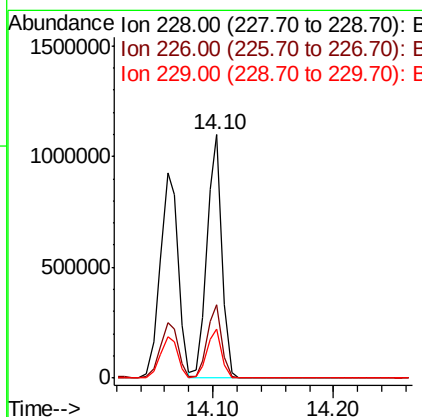
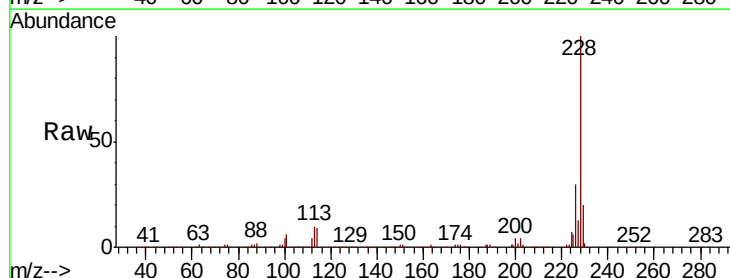
Instrument :
 BNA_F
 ClientSampleId :

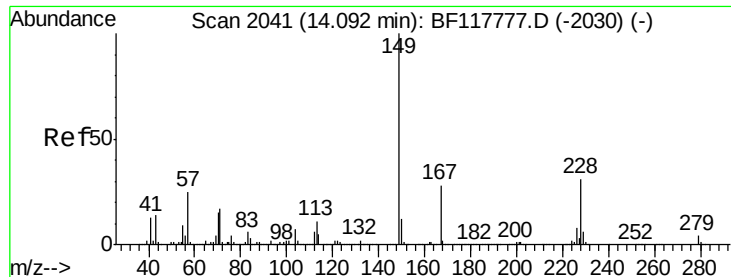
Tot Ion:252 Resp: 316200
 Ion Ratio Lower Upper
 252 100
 254 65.7 52.2 78.2
 126 11.9 9.3 13.9



#83
 Chrysene
 Concen: 34.828 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion:228 Resp: 925305
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.6 35.4
 229 19.9 16.2 24.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.193 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampleId :

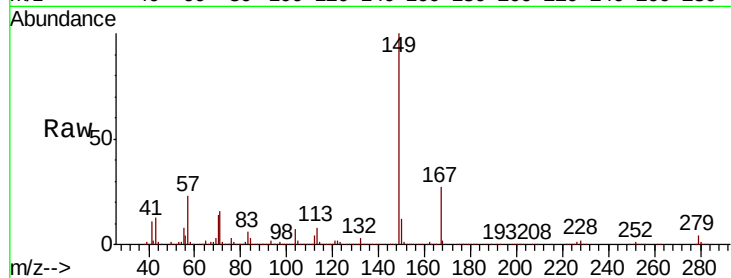
Tot Ion:149 Resp: 701771

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

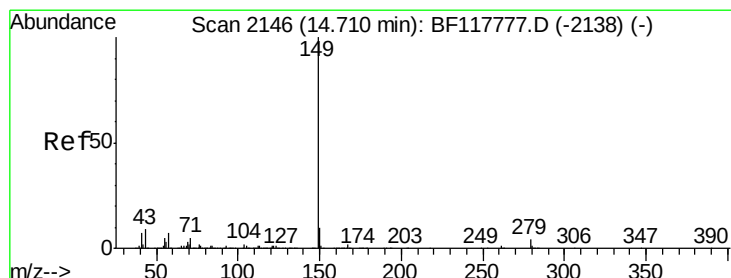
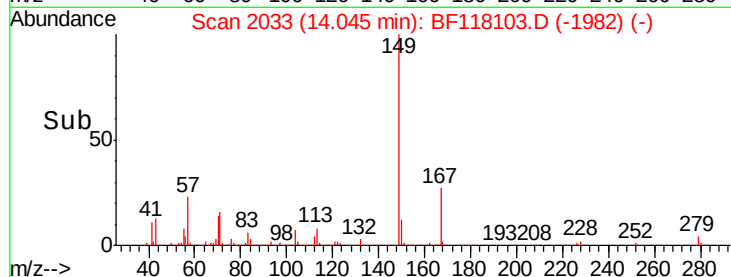
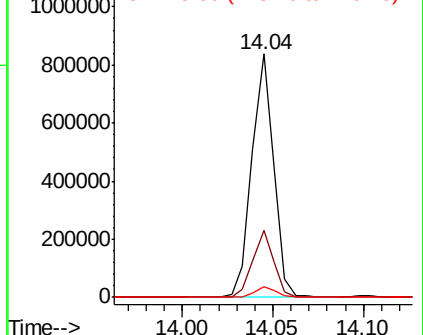
279 4.1 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 50.627 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

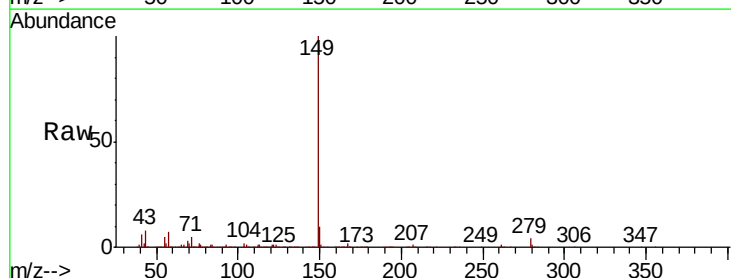
Tgt Ion:149 Resp: 1298605

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

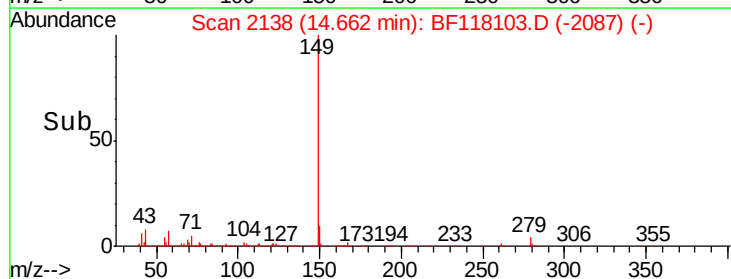
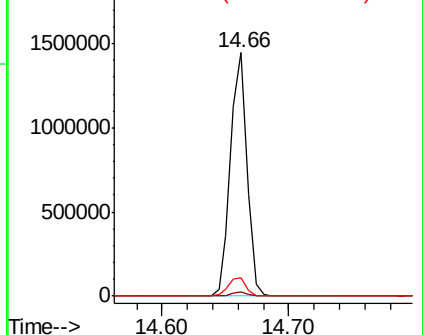
43 7.8 6.4 9.6

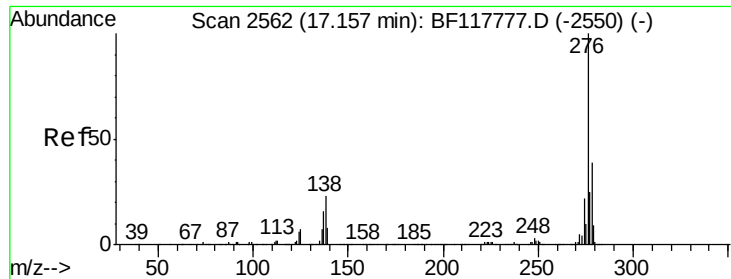


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

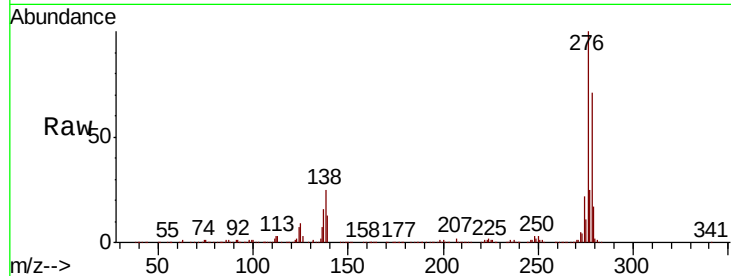




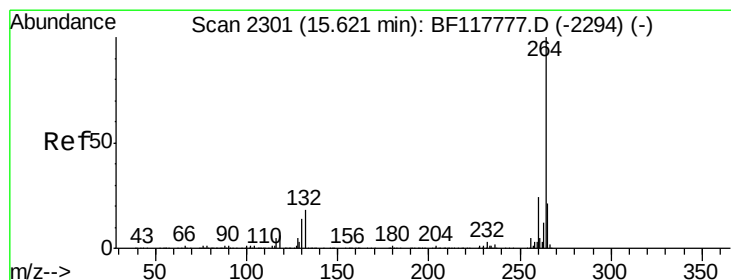
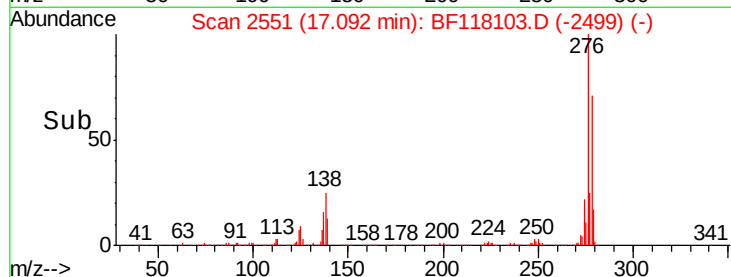
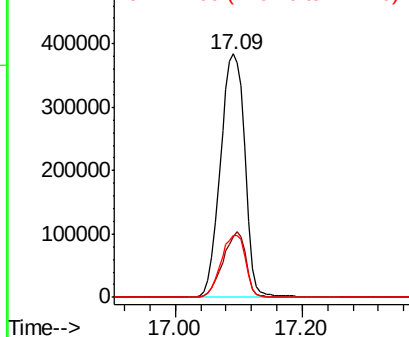
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 45.699 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 1033345
 Ion Ratio Lower Upper
 276 100
 138 25.4 19.0 28.6
 277 25.8 20.7 31.1

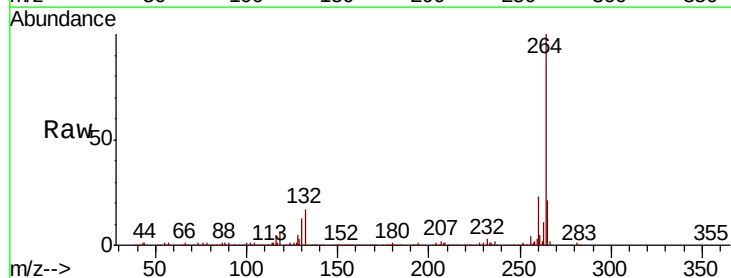


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

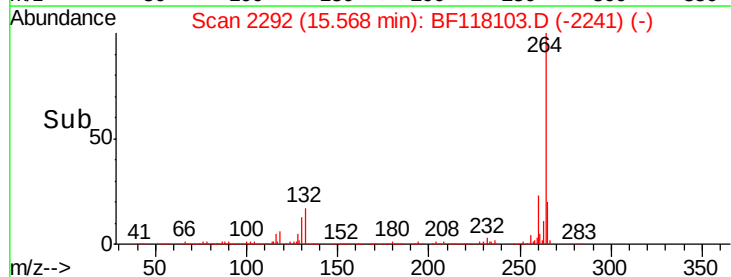
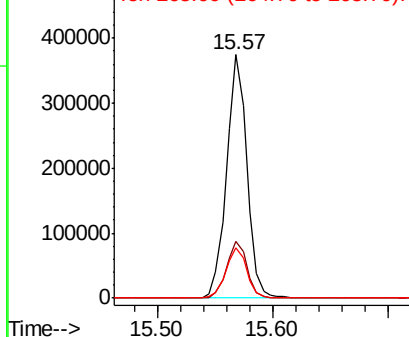


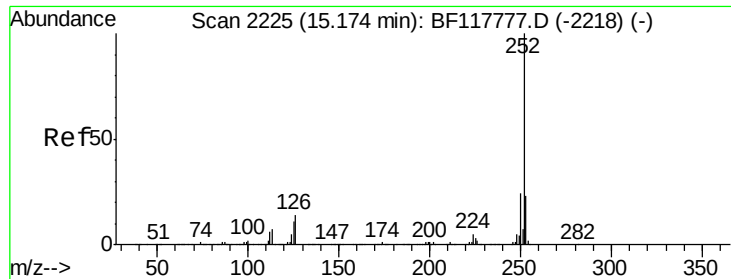
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion:264 Resp: 456472
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 20.6 16.4 24.6



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

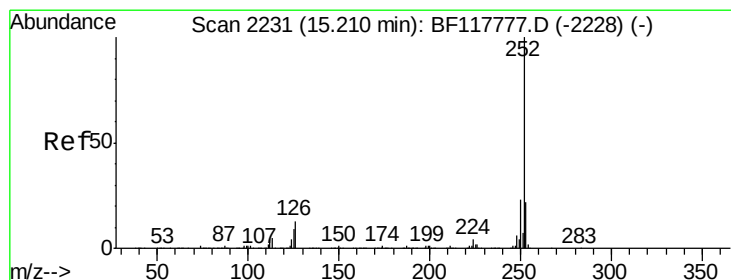
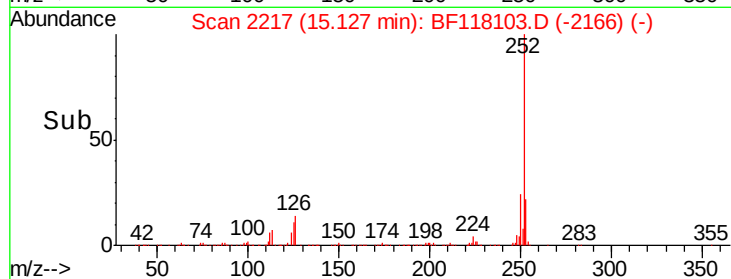
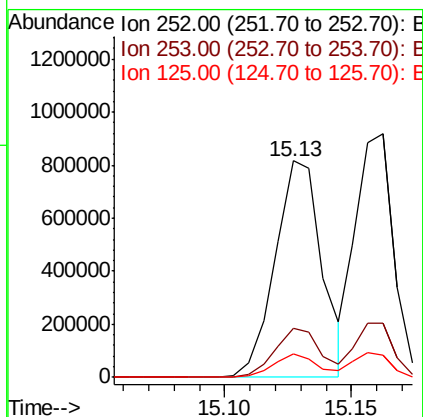
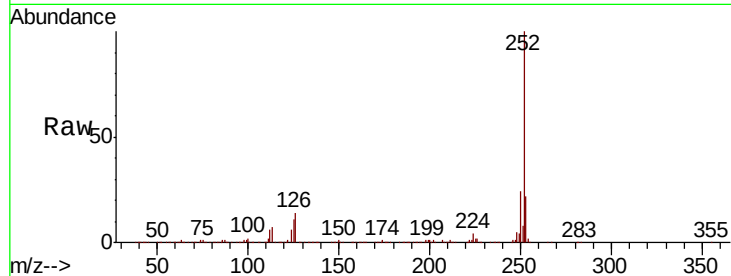




#88
Benzo(b)fluoranthene
Concen: 35.433 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

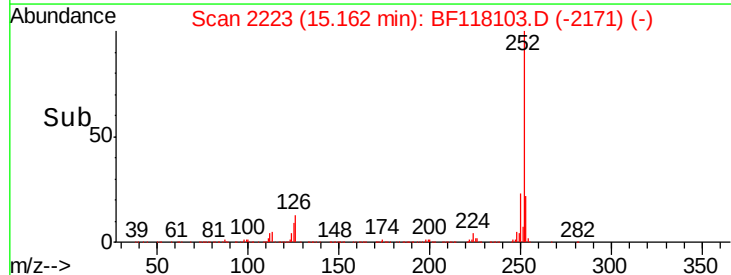
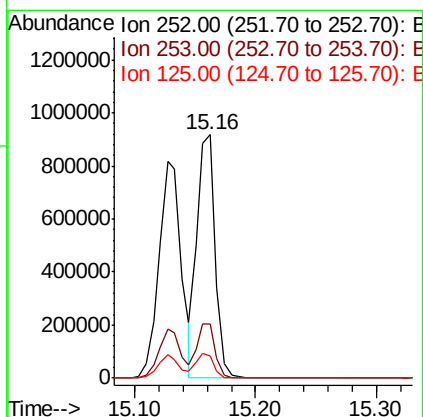
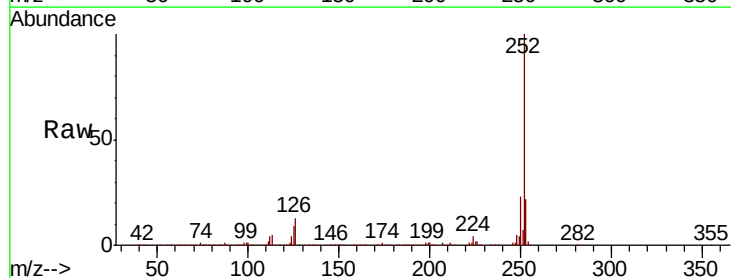
Instrument :
BNA_F
ClientSampleId :

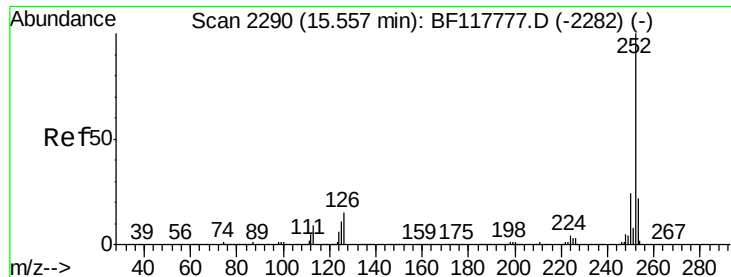
Tot Ion:252 Resp: 1050834
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.1 7.7 11.5



#89
Benzo(k)fluoranthene
Concen: 34.483 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:252 Resp: 963573
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.3 8.5 12.7

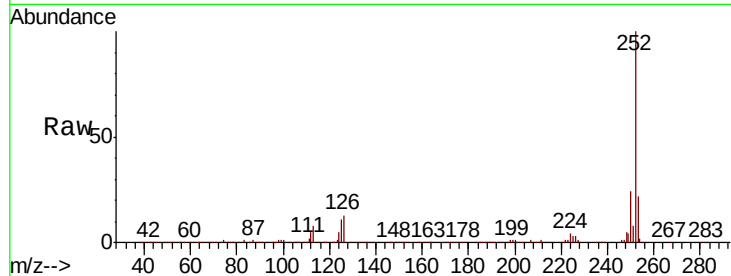




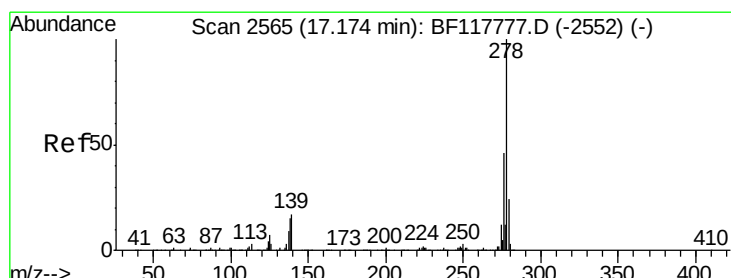
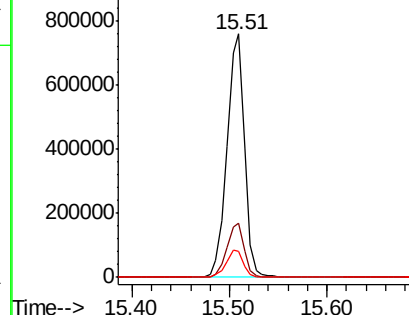
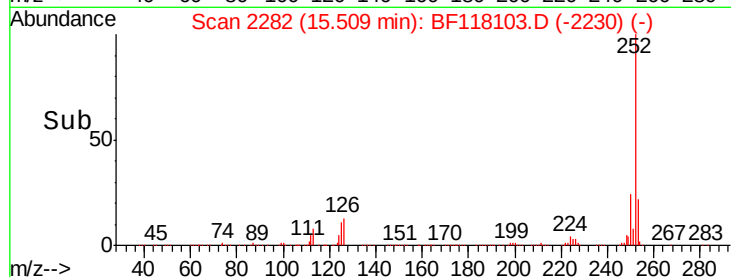
#90
Benzo(a)pyrene
Concen: 36.093 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 941248
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 10.6 8.9 13.3

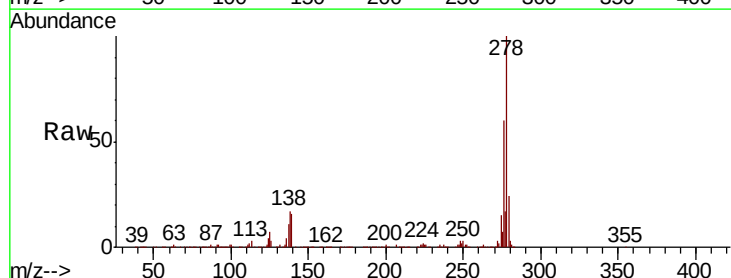


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

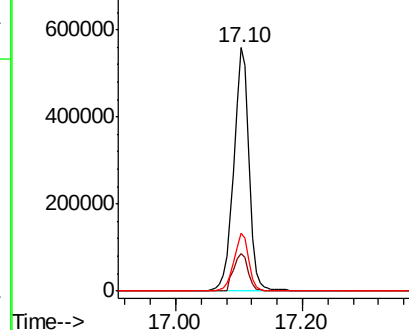
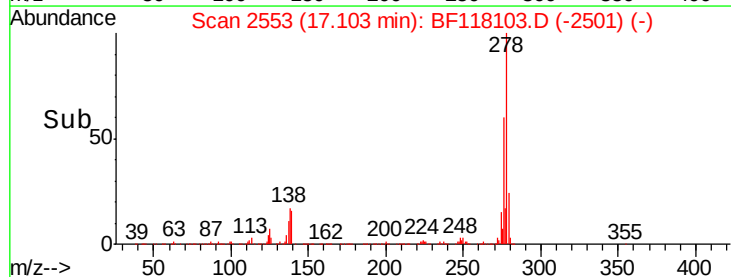


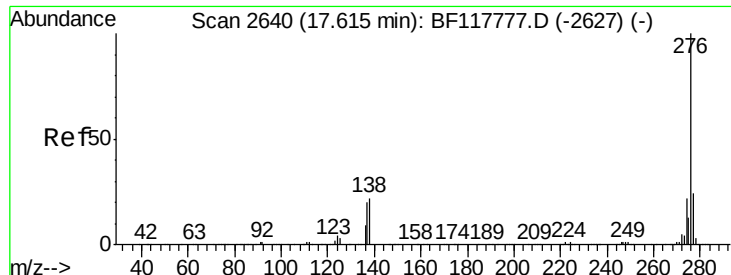
#91
Dibenzo(a,h)anthracene
Concen: 41.222 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:278 Resp: 925291
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.6 19.0 28.6



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(a,h,i)perylene

Concen: 42.986 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampleId :

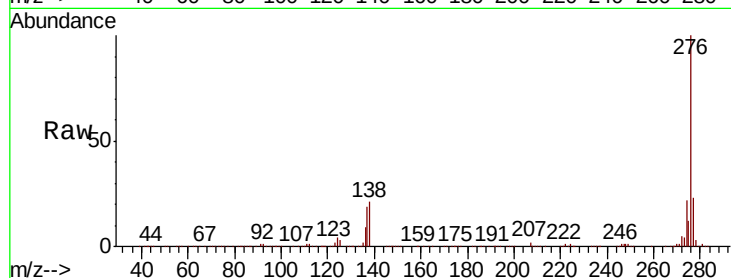
Tot Ion:276 Resp: 961058

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 21.5 16.6 25.0



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

