

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118084.D
 Acq On : 4 Dec 2019 14:11
 Operator : JU
 Sample : PB125225BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:37:49 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	168106	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	660515	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	353255	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	672536	20.00	ng	0.00
76) Chrysene-d12	14.08	240	553558	20.00	ng	0.00
87) Perylene-d12	15.57	264	413403	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1163625	122.53	ng	0.02
7) Phenol-d6	6.52	99	1588339	138.66	ng	0.00
23) Nitrobenzene-d5	7.45	82	775503	69.79	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	484497	129.55	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1451469	73.71	ng	0.00
79) Terphenyl-d14	13.02	244	1979289	65.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	164489	37.054	ng	98
3) Pyridine	3.48	79	399527	34.309	ng	98
4) n-Nitrosodimethylamine	3.43	42	197264	38.807	ng	88
6) Aniline	6.54	93	489091	32.311	ng	100
8) 2-Chlorophenol	6.67	128	531853	51.611	ng	98
9) Benzaldehyde	6.43	77	197286	23.283	ng	98
10) Phenol	6.53	94	610140	51.258	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	484860	50.724	ng	96
12) 1,3-Dichlorobenzene	6.82	146	503630	41.512	ng	97
13) 1,4-Dichlorobenzene	6.90	146	527447	43.011	ng	98
14) 1,2-Dichlorobenzene	7.05	146	564721	48.150	ng	100
15) Benzyl Alcohol	7.02	79	446696	50.510	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	596577	40.537	ng	99
17) 2-Methylphenol	7.13	107	454608	52.093	ng	99
18) Hexachloroethane	7.39	117	217127	48.198	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	349602	49.471	ng	97
20) 3+4-Methylphenols	7.29	107	543404	50.162	ng	95
22) Acetophenone	7.29	105	722207	48.667	ng	95
24) Nitrobenzene	7.46	77	550989	48.068	ng	97
25) Isophorone	7.70	82	990750	48.649	ng	100
26) 2-Nitrophenol	7.78	139	327938	58.779	ng	99
27) 2,4-Dimethylphenol	7.82	122	485662	56.020	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	625844	48.428	ng	99
29) 2,4-Dichlorophenol	8.03	162	392789	41.769	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	442695	40.585	ng	100
31) Naphthalene	8.19	128	1356052	44.038	ng	99
32) Benzoic acid	7.95	122	314500	43.326	ng	97
33) 4-Chloroaniline	8.23	127	340034	24.667	ng	100
34) Hexachlorobutadiene	8.30	225	257168	40.324	ng	97
35) Caprolactam	8.62	113	74006	24.762	ng	93
36) 4-Chloro-3-methylphenol	8.73	107	413914	43.371	ng	94
37) 2-Methylnaphthalene	8.89	142	943066	45.328	ng	98
38) 1-Methylnaphthalene	8.99	142	879360	44.707	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	419647	40.906	ng	99

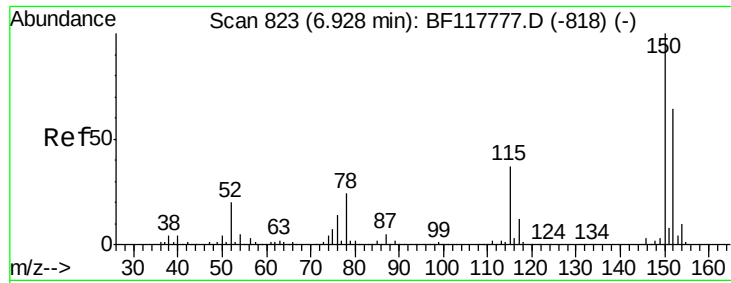
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118084.D
 Acq On : 4 Dec 2019 14:11
 Operator : JU
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Quant Time: Dec 05 00:37:49 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT 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	9.04	237	391457	68.090	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	290674	39.558	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	312893	41.012	ng	97
46) 1,1'-Biphenyl	9.35	154	1126892	42.998	ng	99
47) 2-Chloronaphthalene	9.37	162	875495	40.607	ng	99
48) 2-Nitroaniline	9.47	65	250507	38.485	ng	95
49) Acenaphthylene	9.79	152	1357360	43.181	ng	100
50) Dimethylphthalate	9.65	163	1036429	41.839	ng	99
51) 2,6-Dinitrotoluene	9.72	165	233141	43.063	ng	92
52) Acenaphthene	9.97	154	801899	39.823	ng	99
53) 3-Nitroaniline	9.89	138	190822	29.456	ng	94
54) 2,4-Dinitrophenol	10.00	184	232807	83.357	ng	97
55) Dibenzofuran	10.14	168	1212951	43.500	ng	100
56) 4-Nitrophenol	10.06	139	377198	78.005	ng	97
57) 2,4-Dinitrotoluene	10.12	165	311033	45.163	ng	# 85
58) Fluorene	10.49	166	935952	43.315	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	257827	41.130	ng	99
60) Diethylphthalate	10.36	149	1052891	43.596	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	469662	42.830	ng	95
62) 4-Nitroaniline	10.50	138	243251	37.502	ng	99
63) Azobenzene	10.63	77	890478	40.528	ng	99
65) 4,6-Dinitro-2-methylphenol	10.54	198	163143	51.962	ng	98
66) n-Nitrosodiphenylamine	10.59	169	842627	43.051	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	303063	41.764	ng	97
68) Hexachlorobenzene	11.04	284	348690	41.209	ng	# 91
69) Atrazine	11.12	200	285637	44.364	ng	99
70) Pentachlorophenol	11.23	266	360626	72.950	ng	99
71) Phenanthrene	11.45	178	1448024	42.825	ng	99
72) Anthracene	11.50	178	1504069	44.865	ng	100
73) Carbazole	11.66	167	1373120	46.871	ng	100
74) Di-n-butylphthalate	11.99	149	1771809	48.575	ng	99
75) Fluoranthene	12.65	202	1726968	58.313	ng	99
77) Benzidine	12.76	184	248642	13.713	ng	99
78) Pyrene	12.87	202	1670616	37.344	ng	100
80) Butylbenzylphthalate	13.49	149	825383	42.957	ng	97
81) Benzo(a)anthracene	14.07	228	1448764	39.605	ng	100
82) 3,3'-Dichlorobenzidine	14.03	252	390031	30.482	ng	97
83) Chrysene	14.11	228	1402245	39.560	ng	99
84) Bis(2-ethylhexyl)phthalate	14.05	149	1023607	43.942	ng	99
85) Di-n-octyl phthalate	14.66	149	1782835	52.097	ng	100
86) Indeno(1,2,3-cd)pyrene	17.10	276	1202225	39.851	ng	98
88) Benzo(b)fluoranthene	15.13	252	1376855	51.262	ng	98
89) Benzo(k)fluoranthene	15.17	252	1282719	50.686	ng	98
90) Benzo(a)pyrene	15.52	252	1168021	49.454	ng	99
91) Dibenzo(a,h)anthracene	17.12	278	1041982	51.257	ng	99
92) Benzo(g,h,i)perylene	17.56	276	968728	47.843	ng	99

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

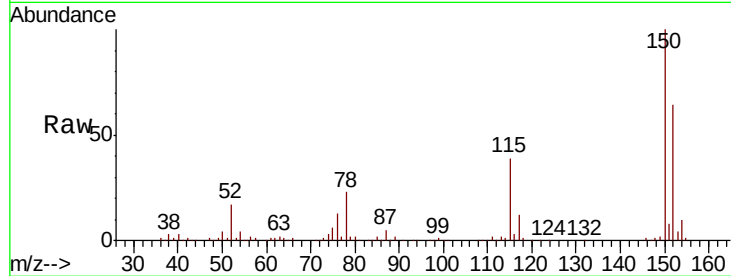


#1

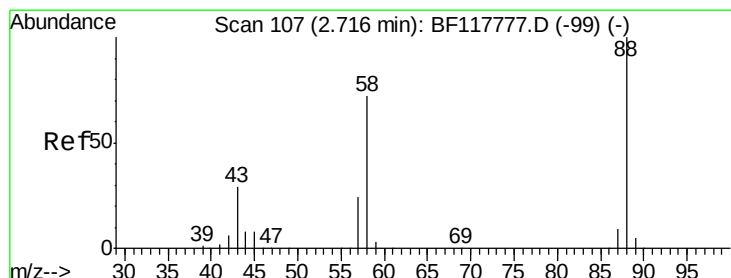
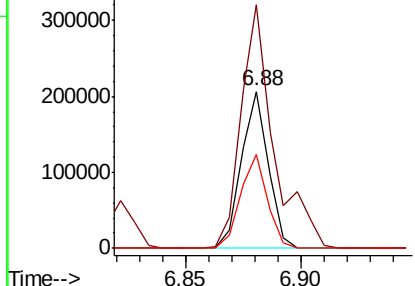
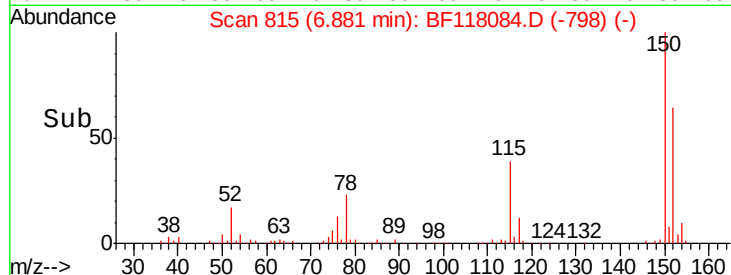
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168106
Ion Ratio Lower Upper
152 100
150 155.1 121.4 182.2
115 59.9 48.8 73.2



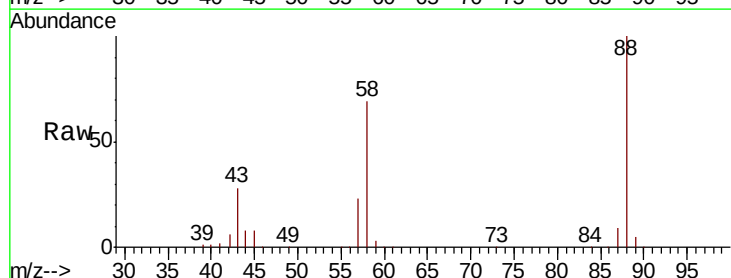
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



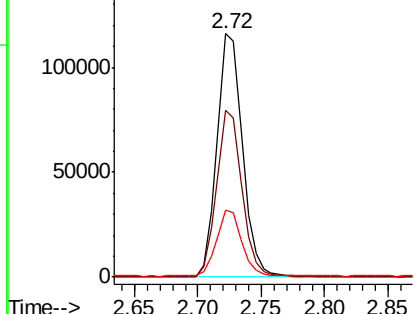
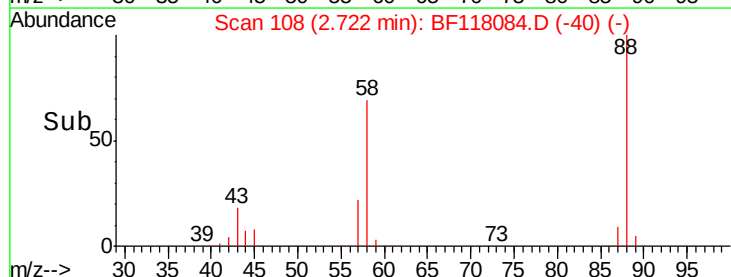
#2

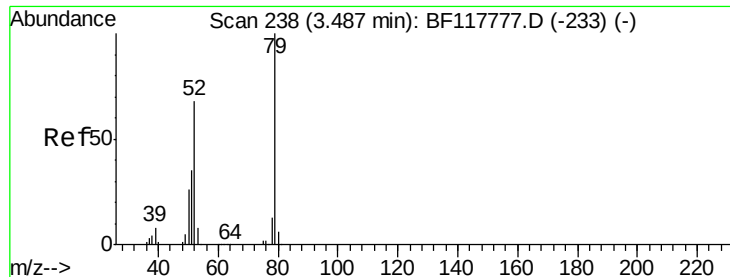
1,4-Dioxane
Concen: 37.054 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.10 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion: 88 Resp: 164489
Ion Ratio Lower Upper
88 100
58 68.0 52.6 78.8
43 27.3 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: 34.309 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.10 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

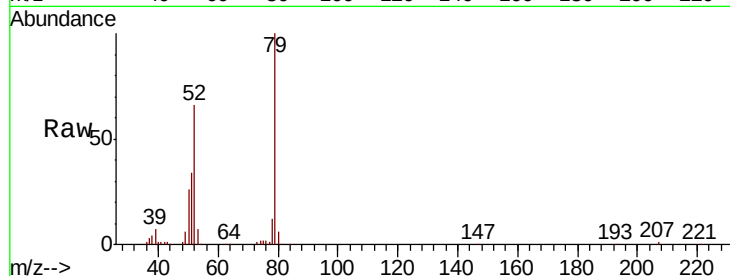
Tot Ion: 79 Resp: 399527

Ion Ratio Lower Upper

79 100

52 65.7 50.6 75.8

51 33.8 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

200000

150000

100000

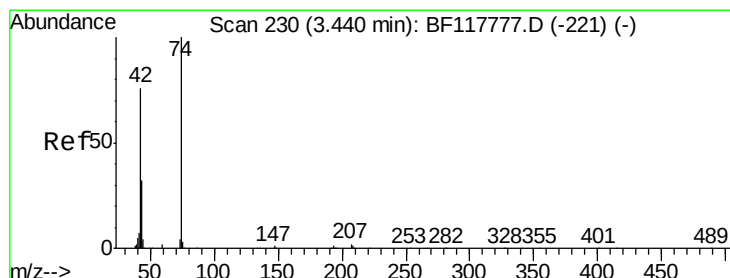
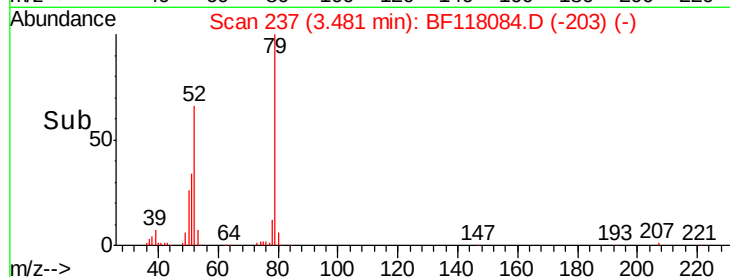
50000

0

3.48

3.40 3.50 3.60 3.70

Time-->



#4

n-Nitrosodimethylamine

Concen: 38.807 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.09 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

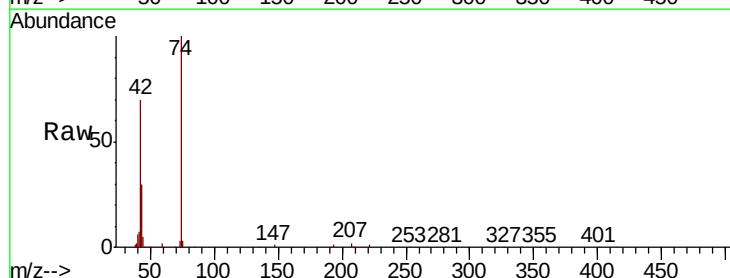
Tgt Ion: 42 Resp: 197264

Ion Ratio Lower Upper

42 100

74 142.7 102.8 154.2

44 6.6 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

200000

150000

100000

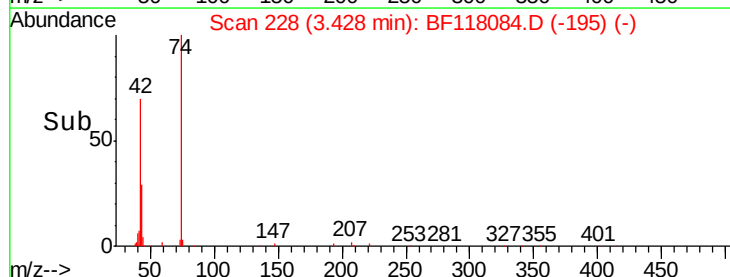
50000

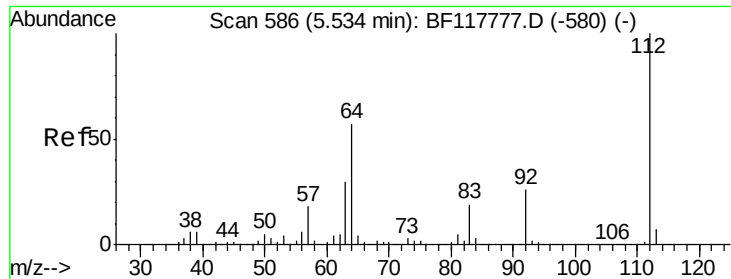
0

3.43

3.40 3.50

Time-->





#5

2-Fluorophenol

Concen: 122.526 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

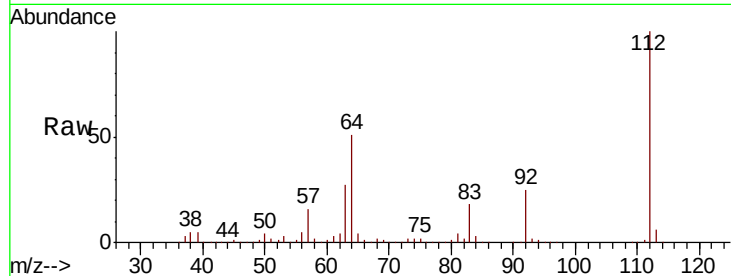
Tot Ion:112 Resp: 1163625

Ion Ratio Lower Upper

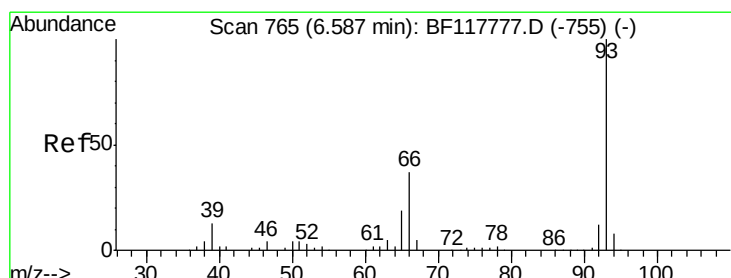
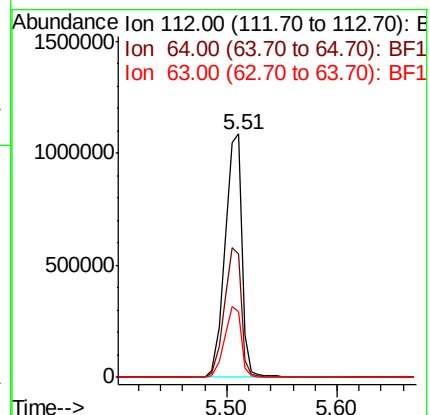
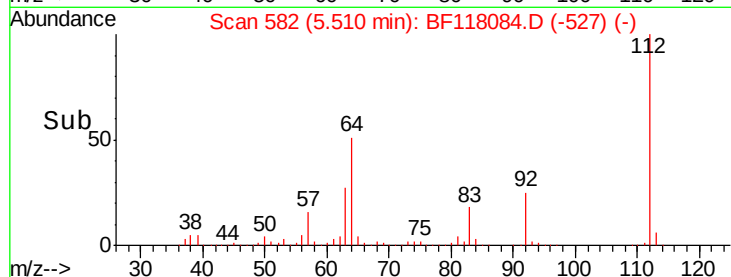
112 100

64 50.7 45.1 67.7

63 26.8 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.311 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

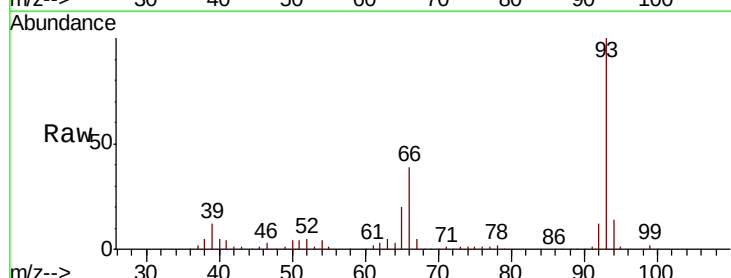
Tgt Ion: 93 Resp: 489091

Ion Ratio Lower Upper

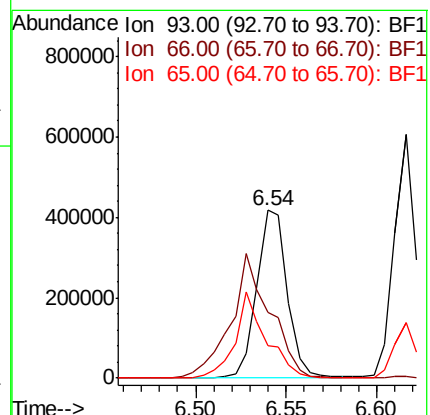
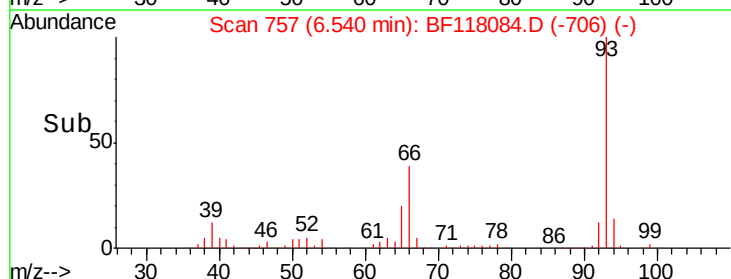
93 100

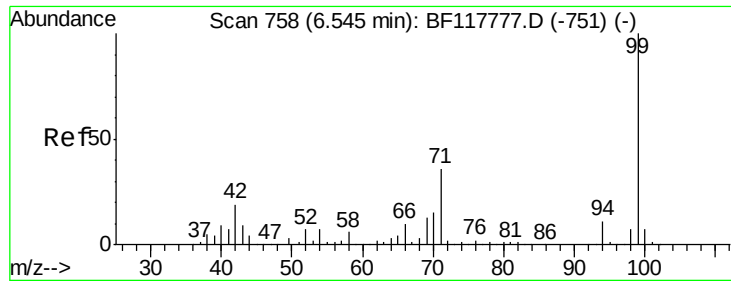
66 38.8 31.0 46.6

65 19.6 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: 138.661 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

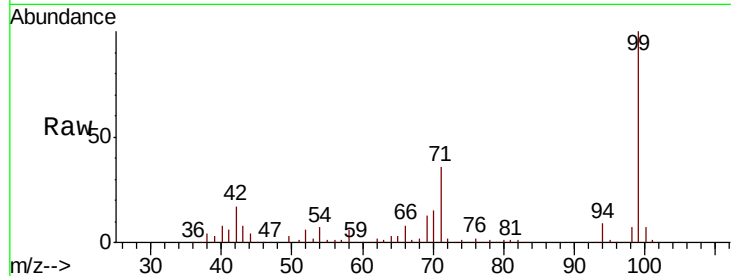
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1588339

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.0	21.0
71	36.0	29.2	43.8

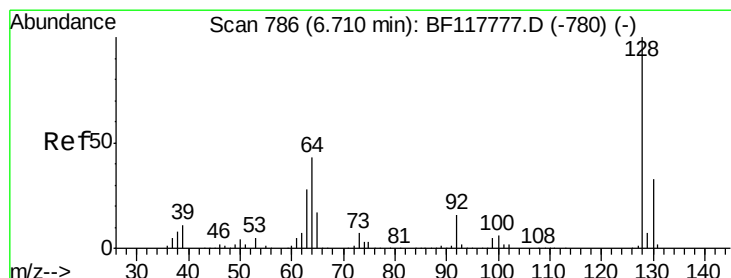
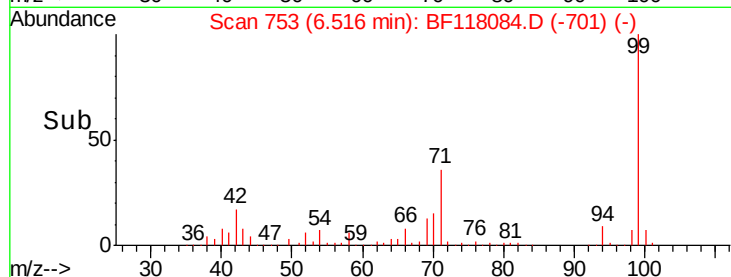
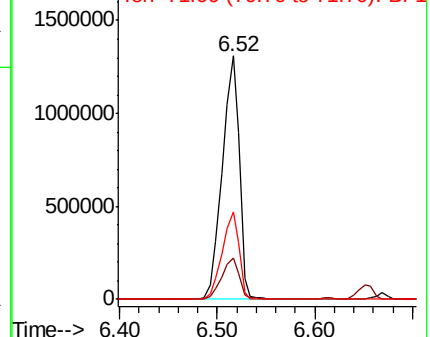


Abundance

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: 51.611 ng

RT: 6.67 min Scan# 779

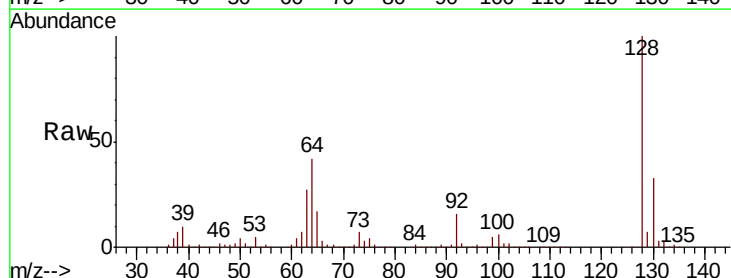
Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Tgt Ion: 128 Resp: 531853

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.4	52.4
64	41.6	23.2	63.2

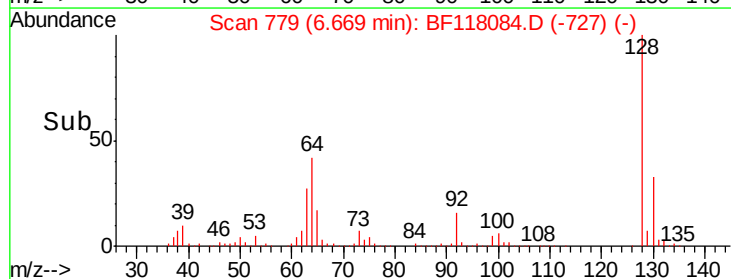
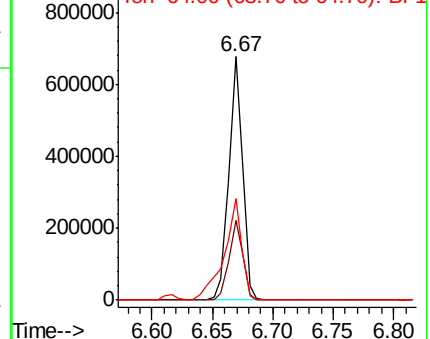


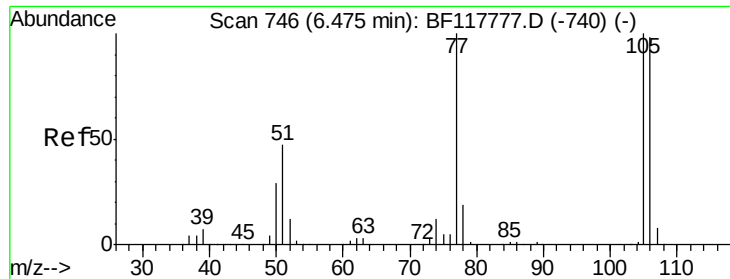
Abundance

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: 23.283 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

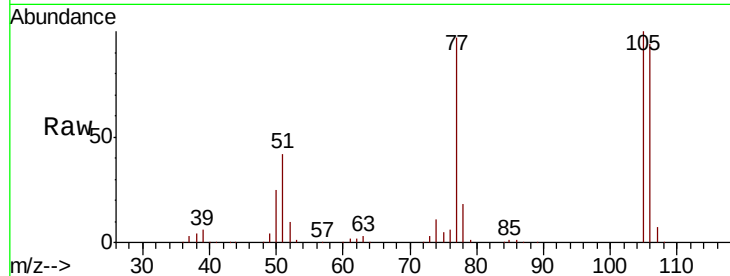
Tot Ion: 77 Resp: 197286

Ion Ratio Lower Upper

77 100

105 103.2 83.3 123.3

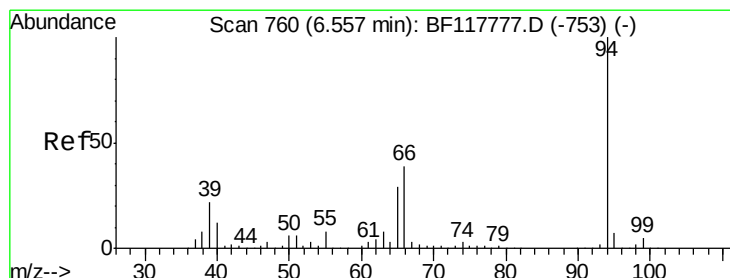
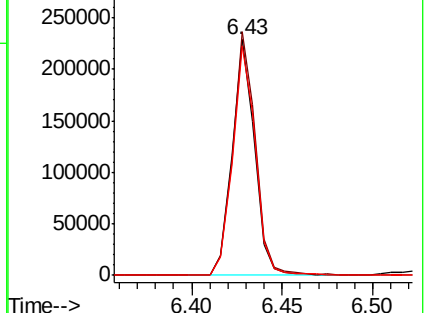
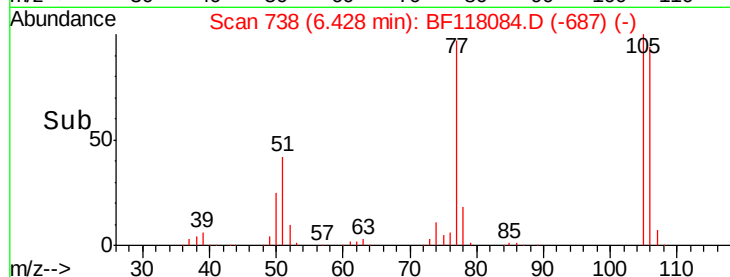
106 97.1 80.9 120.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 51.258 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

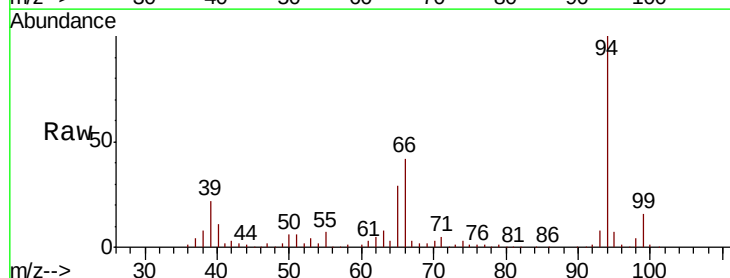
Tgt Ion: 94 Resp: 610140

Ion Ratio Lower Upper

94 100

65 29.0 6.9 46.9

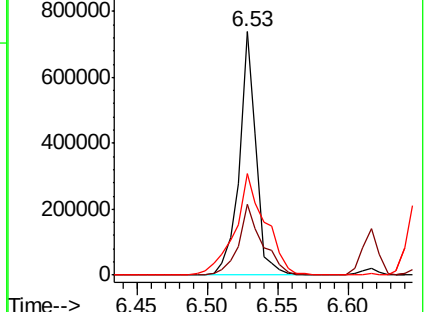
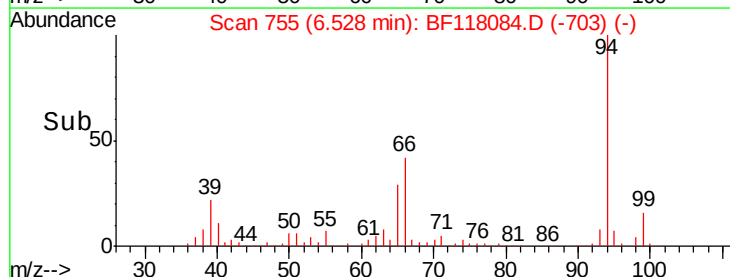
66 41.8 18.6 58.6

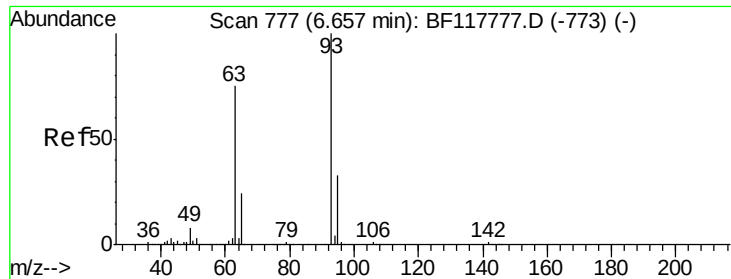


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

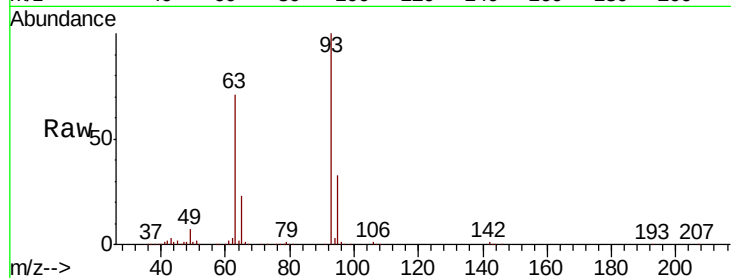




#11
bis(2-Chloroethyl)ether
Concen: 50.724 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.1	46.8	86.8
95	33.1	12.0	52.0

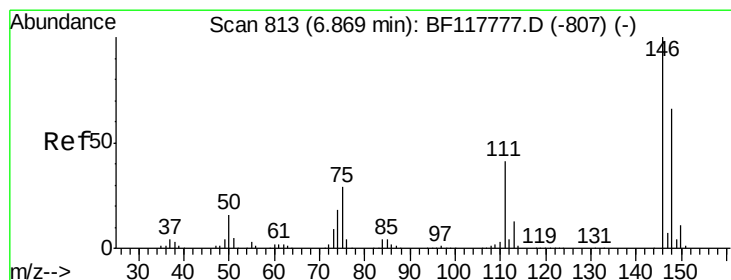
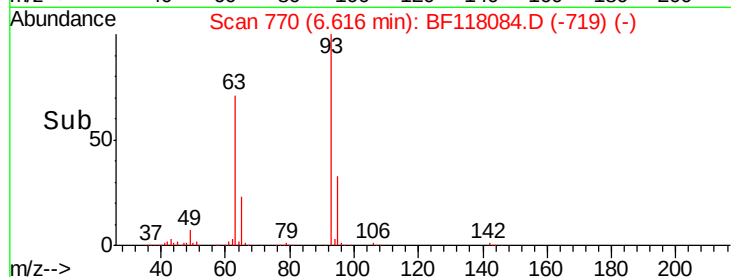
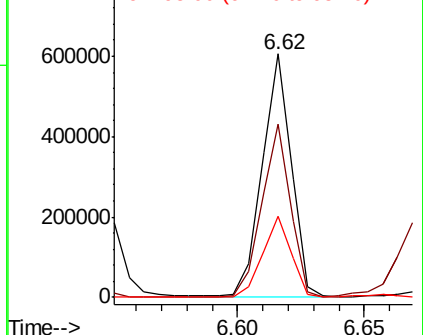


Abundance

Ion 93.00 (92.70 to 93.70): BF1

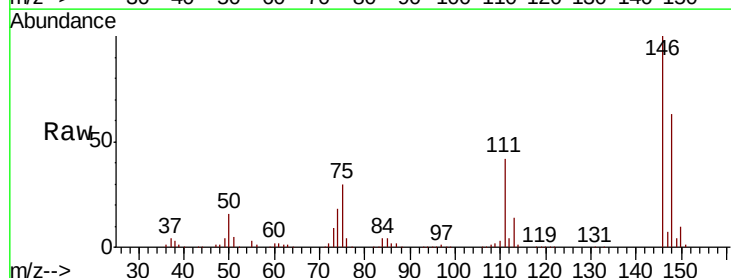
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.512 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.7	79.1
75	29.9	24.5	36.7

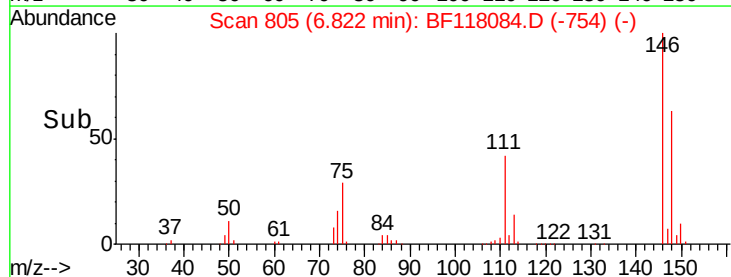
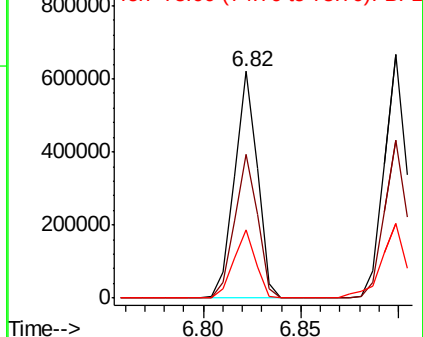


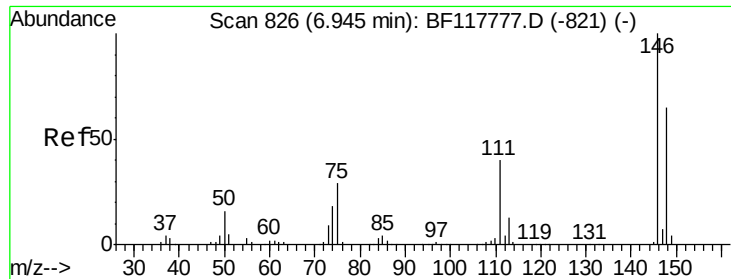
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

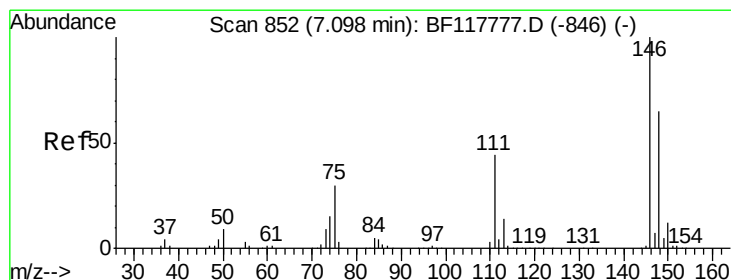
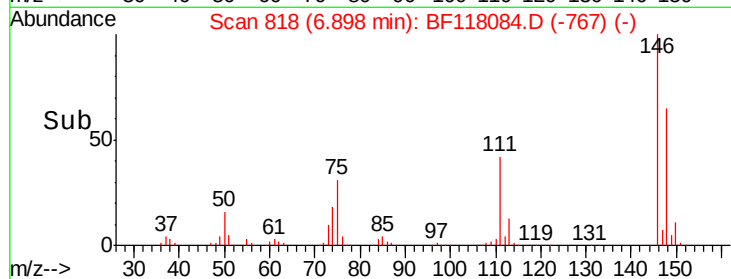
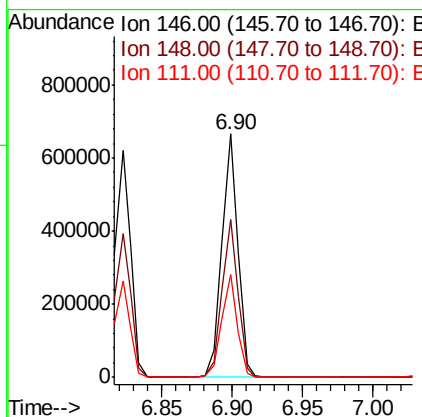
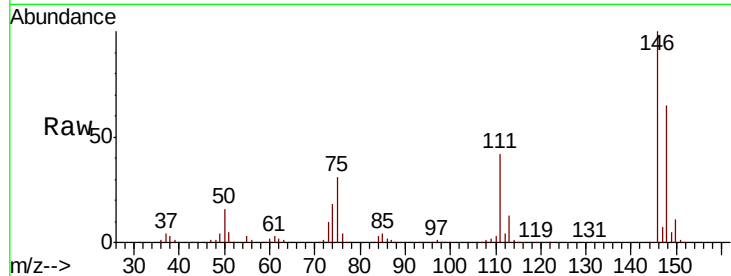




#13
 1,4-Dichlorobenzene
 Concen: 43.011 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

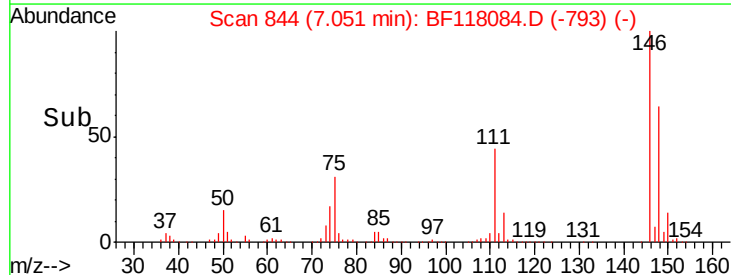
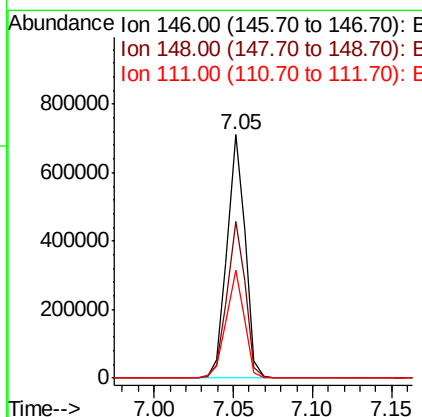
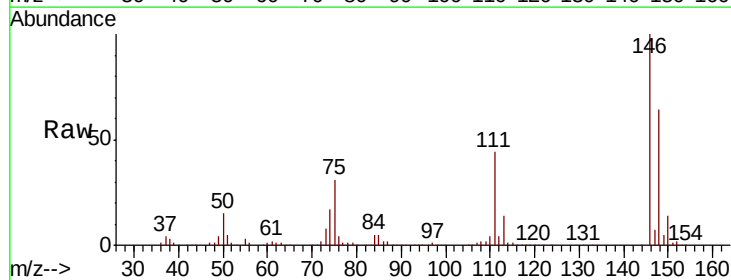
Instrument :
 BNA_F
 ClientSampled :

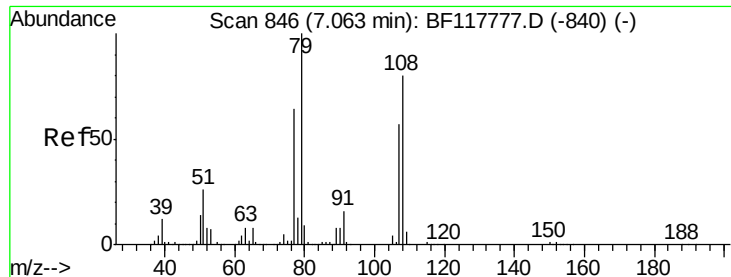
Tot Ion:146 Resp: 527447
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 42.0 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 48.150 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion:146 Resp: 564721
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 44.5 35.8 53.8





#15

Benzyl Alcohol

Concen: 50.510 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

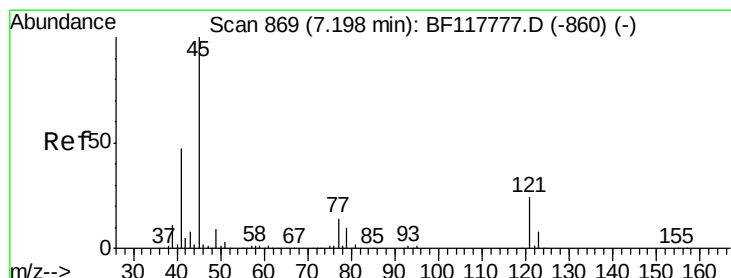
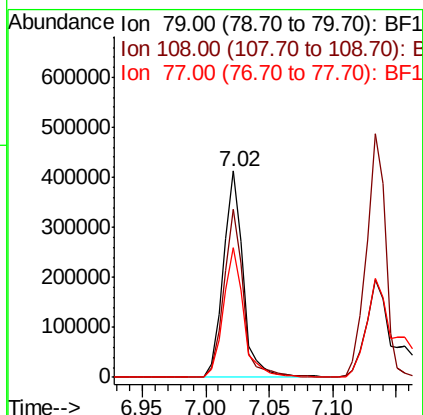
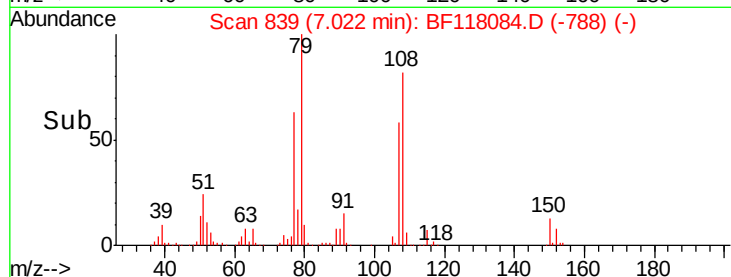
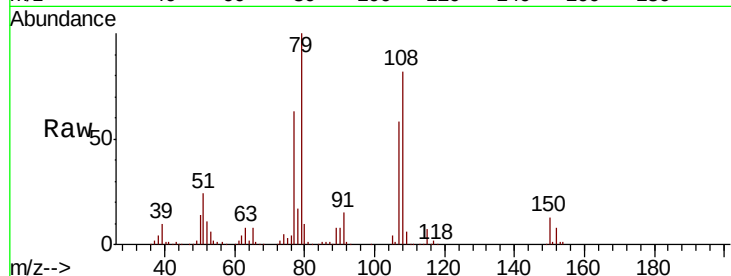
Tot Ion: 79 Resp: 446696

Ion Ratio Lower Upper

79 100

108 81.7 63.1 94.7

77 62.7 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.537 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

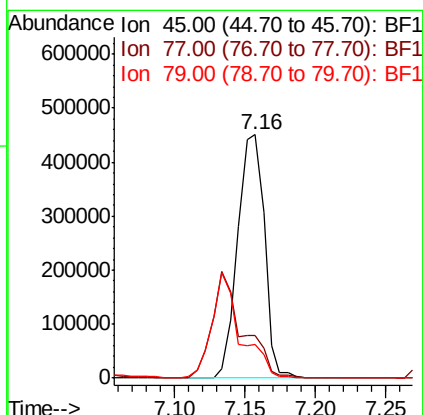
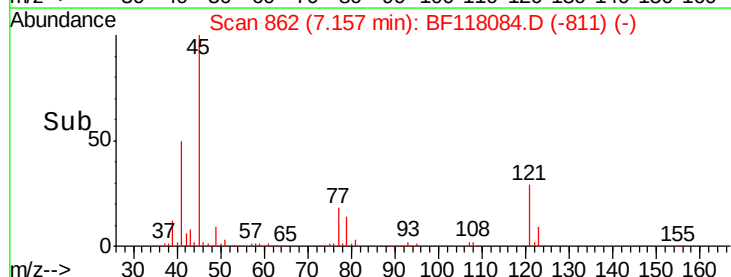
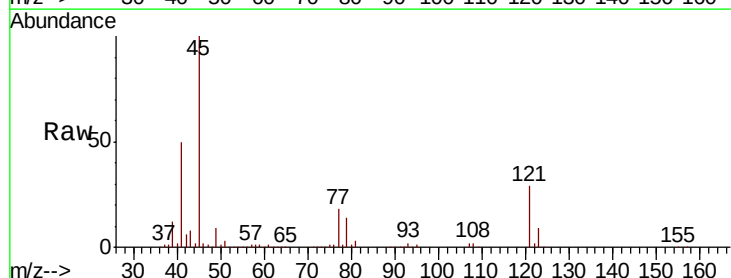
Tgt Ion: 45 Resp: 596577

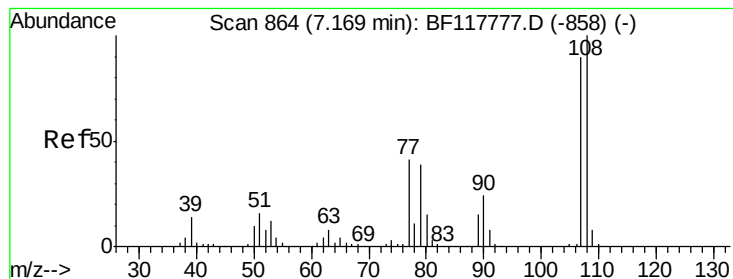
Ion Ratio Lower Upper

45 100

77 17.6 0.0 36.8

79 13.9 0.0 33.5

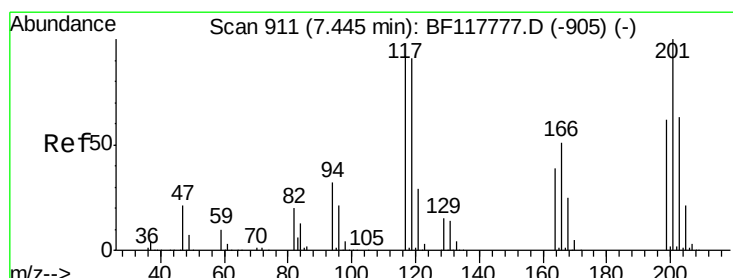
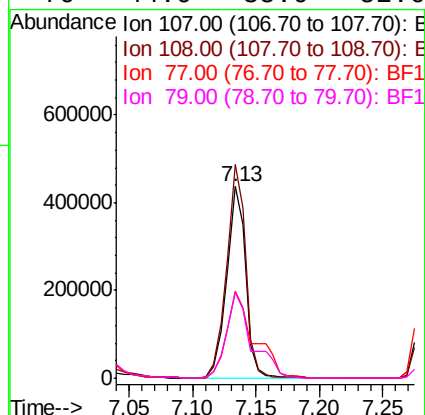
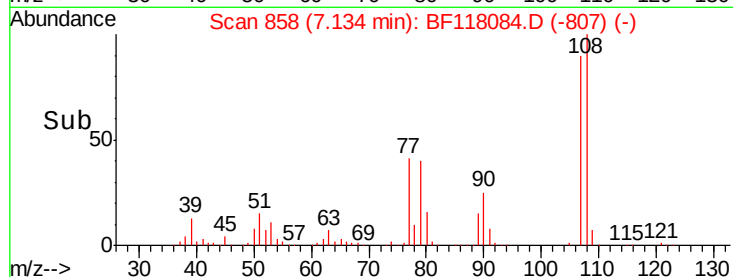
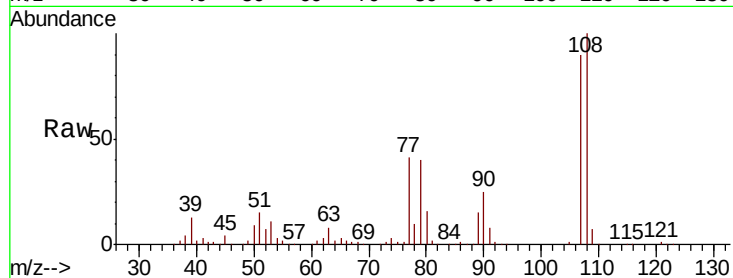




#17
2-Methylphenol
Concen: 52.093 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

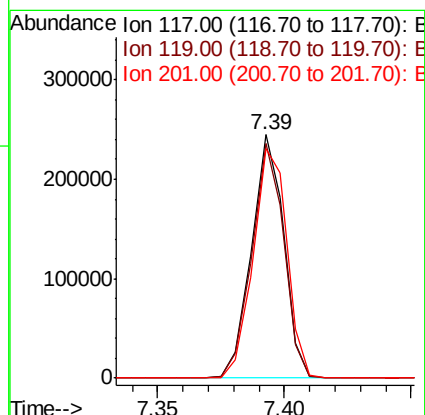
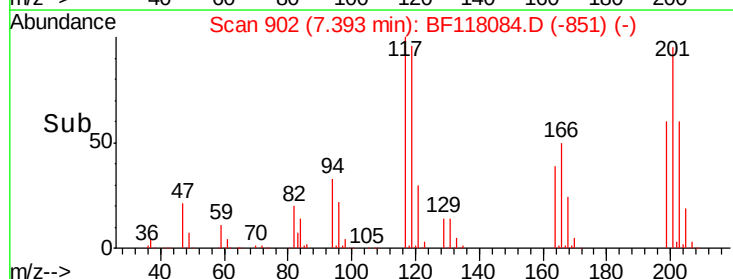
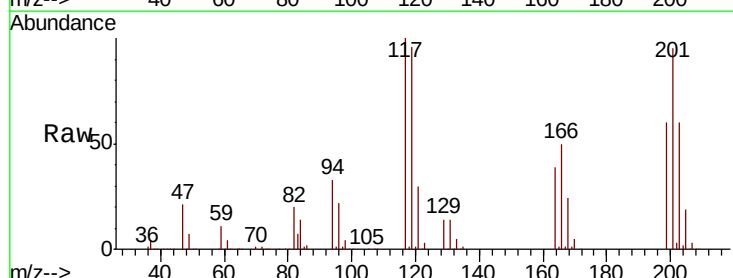
Instrument :
BNA_F
ClientSampleId :

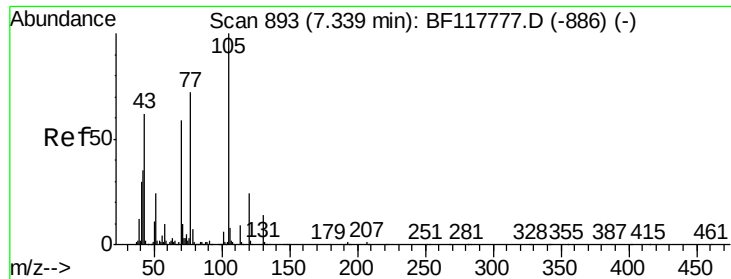
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.8	134.8
77	45.3	35.0	52.6
79	44.9	35.0	52.6



#18
Hexachloroethane
Concen: 48.198 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.4	114.6
201	94.5	71.7	107.5

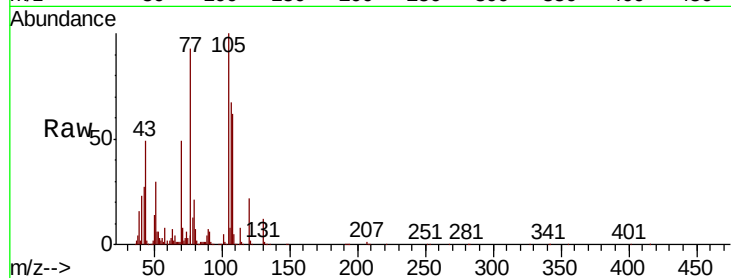




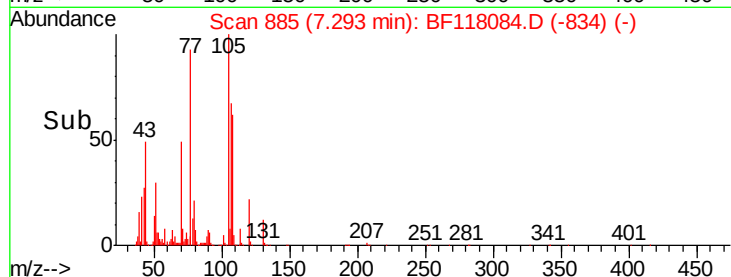
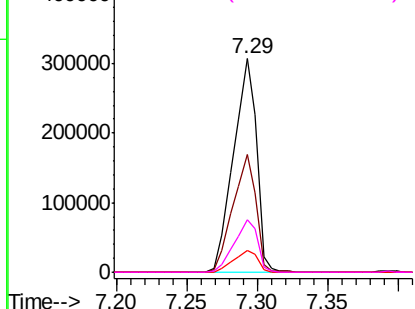
#19
n-Nitroso-di-n-propylamine
Concen: 49.471 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	349602
Ion	Ratio	Lower	Upper
70	100		
42	54.9	46.0	69.0
101	10.1	8.8	13.2
130	24.5	19.8	29.6

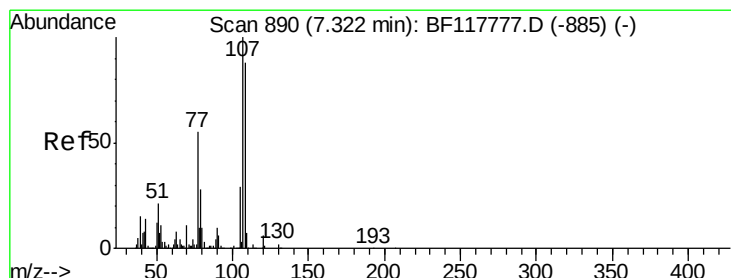


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

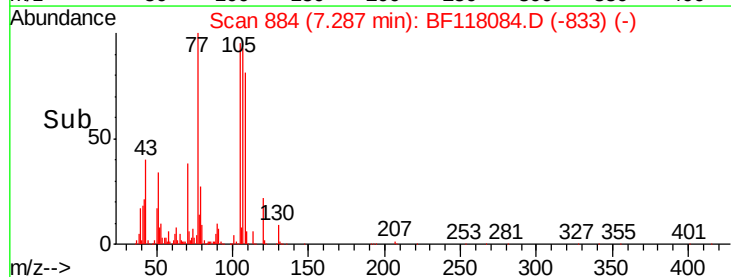
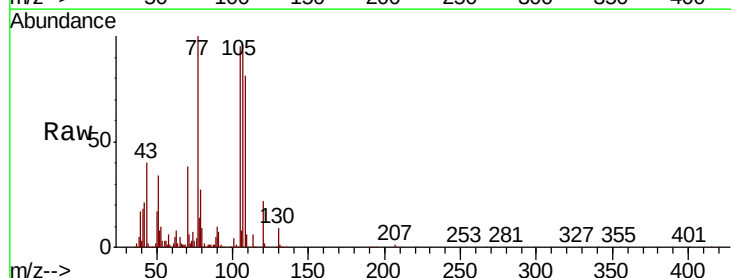
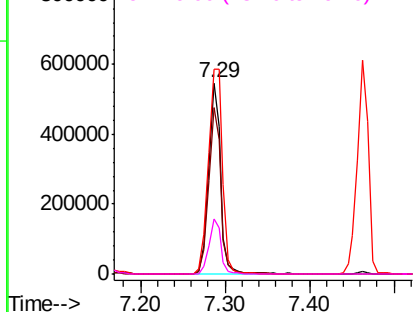


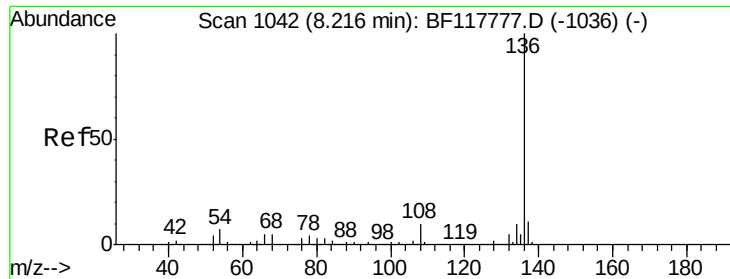
#20
3+4-Methylphenols
Concen: 50.162 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:	107	Resp:	543404
Ion	Ratio	Lower	Upper
107	100		
108	87.2	71.9	111.9
77	107.0	91.6	131.6
79	29.0	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

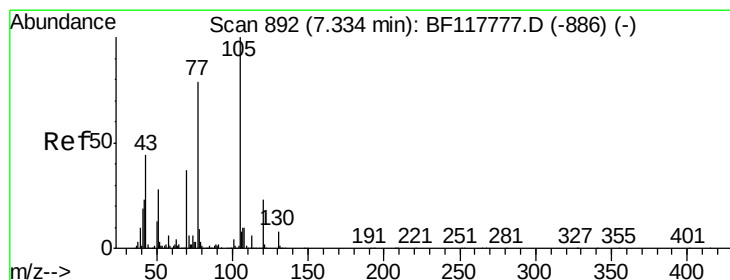
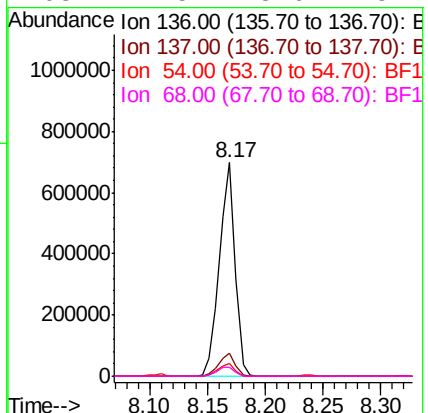
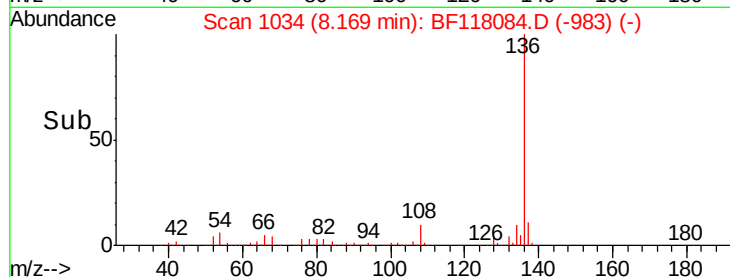
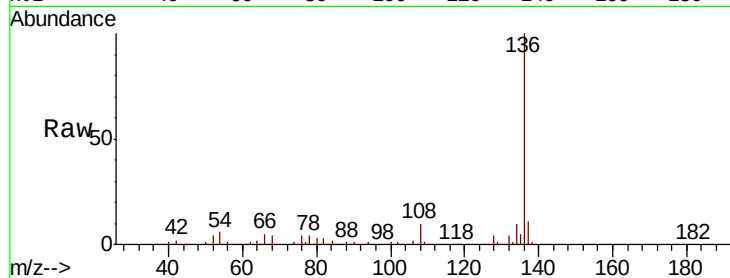




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

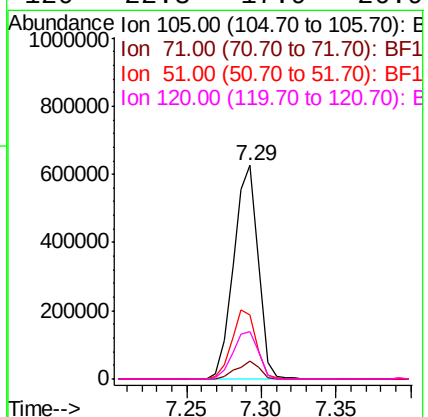
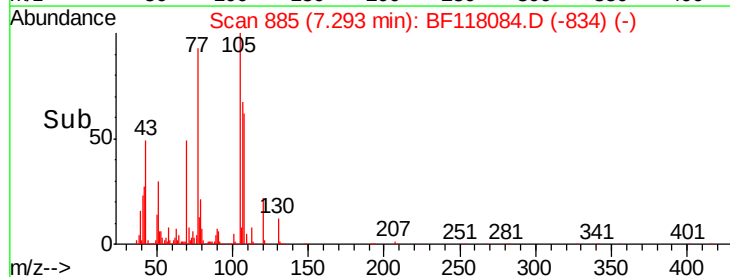
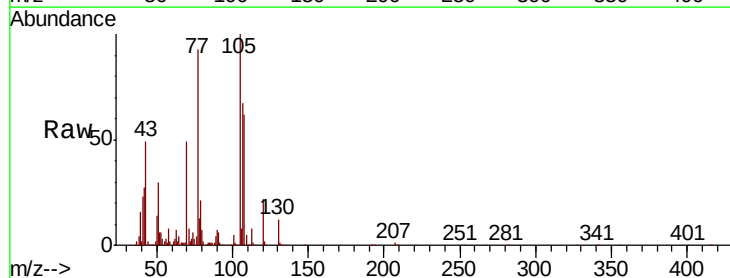
Instrument :
BNA_F
ClientSampleId :

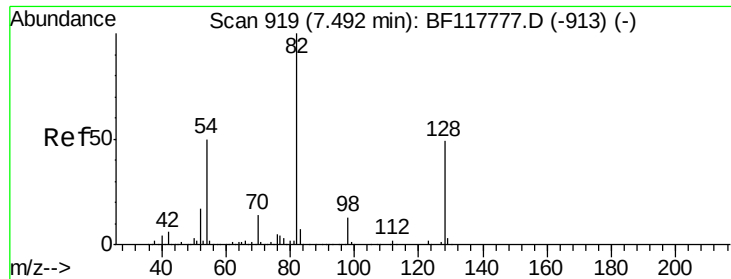
Tot Ion:136	Resp: 660515
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 5.8	4.9 7.3
68 4.5	3.6 5.4



#22
Acetophenone
Concen: 48.667 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt	Ion:105	Resp:	722207
Ion	Ratio	Lower	Upper
105	100		
71	8.4	5.9	8.9
51	29.8	20.2	30.2
120	22.3	17.9	26.9

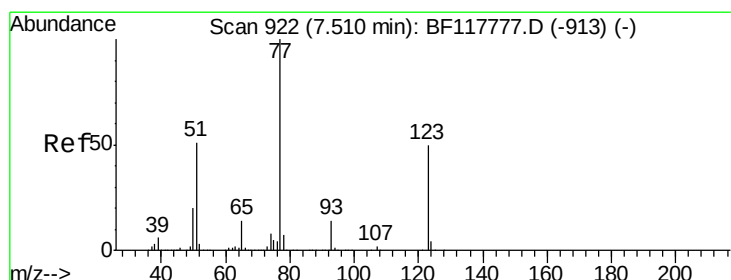
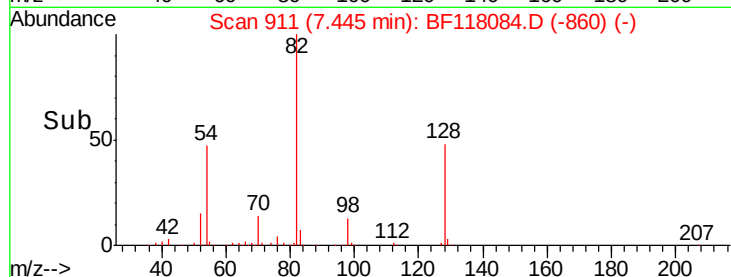
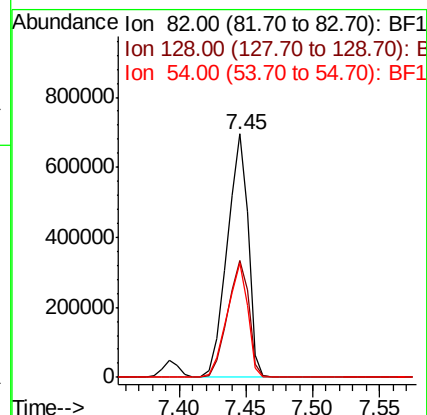
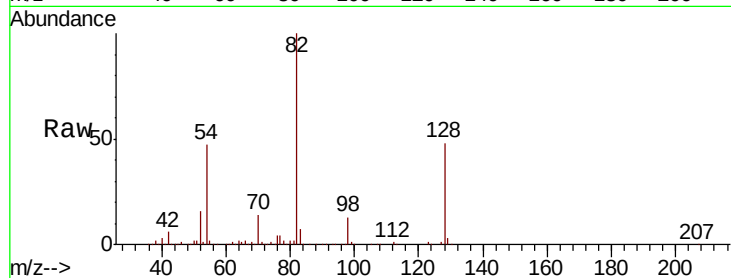




#23
Nitrobenzene-d5
Concen: 69.795 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

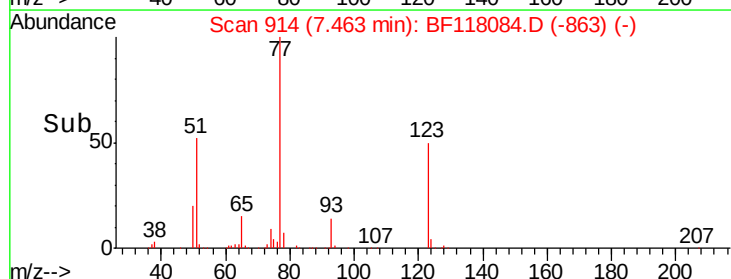
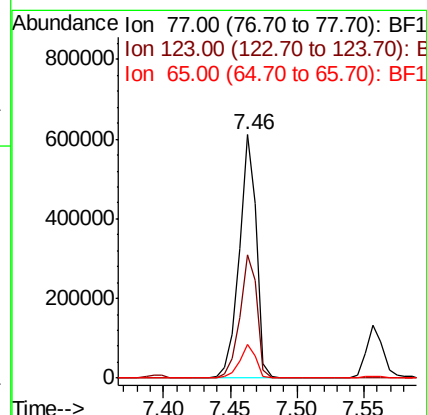
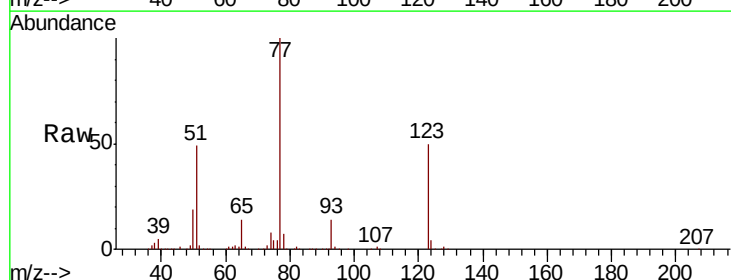
Instrument :
BNA_F
ClientSampleId :

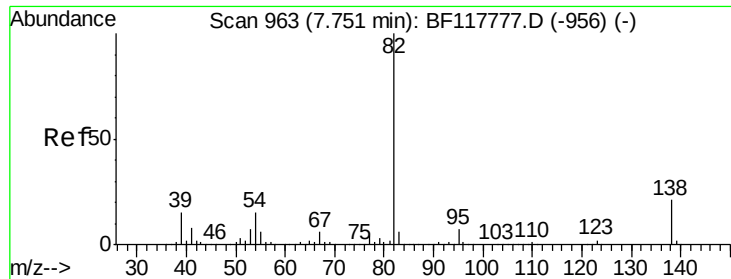
Tot Ion	82	Resp	775503
Ion Ratio	100	Lower	Upper
128	48.2	38.2	57.4
54	46.9	39.0	58.4



#24
Nitrobenzene
Concen: 48.068 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	77	Resp	550989
Ion Ratio	100	Lower	Upper
123	50.4	38.2	57.2
65	13.8	11.1	16.7





#25

Isophorone

Concen: 48.649 ng

RT: 7.70 min Scan# 955

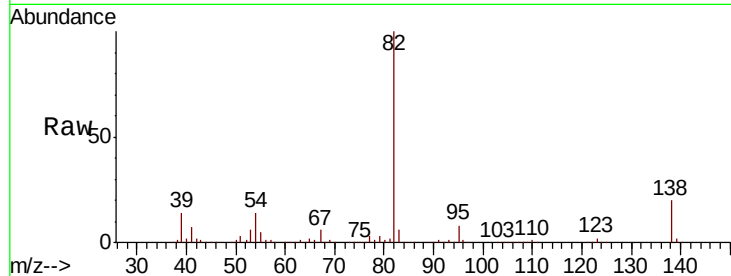
Delta R.T. 0.00 min

Lab File: BF118084.D

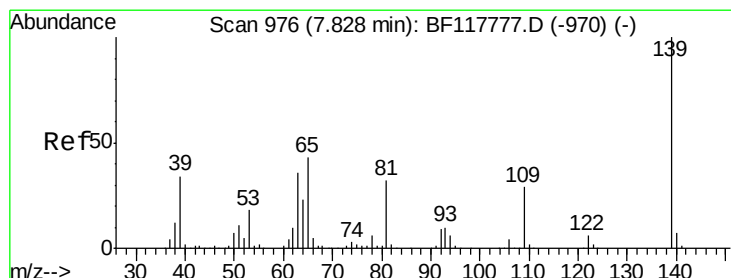
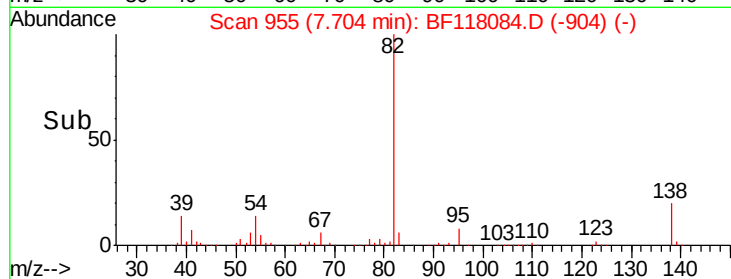
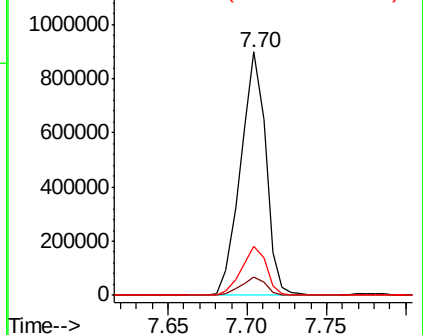
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 990750
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.2 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: 58.779 ng

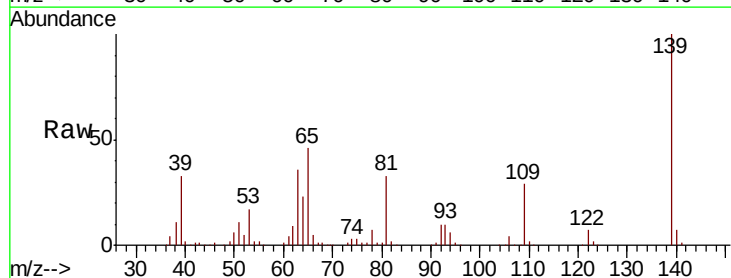
RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

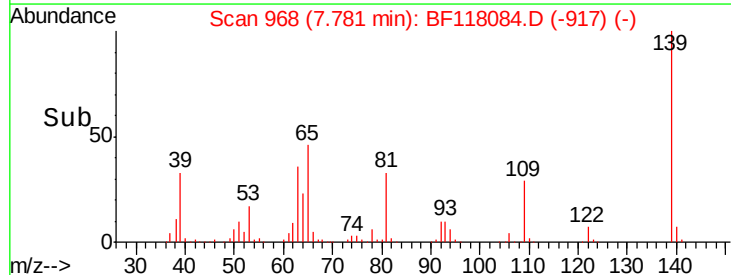
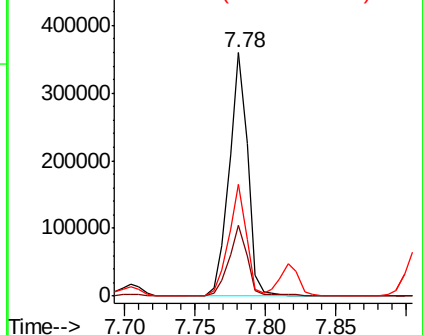
Lab File: BF118084.D

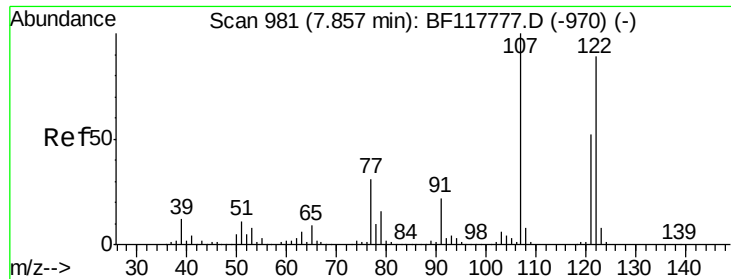
Acq: 4 Dec 2019 14:11

Tgt Ion: 139 Resp: 327938
Ion Ratio Lower Upper
139 100
109 28.8 23.8 35.6
65 45.7 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: 56.020 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

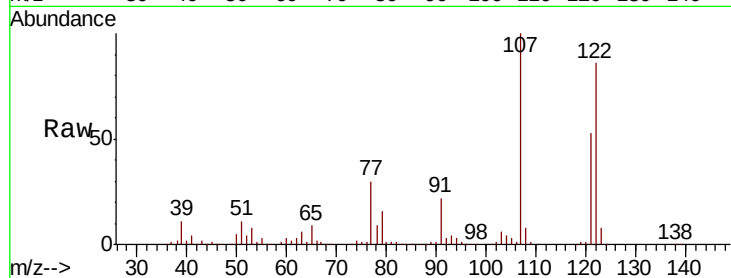
Tot Ion:122 Resp: 485662

Ion Ratio Lower Upper

122 100

107 116.6 92.6 138.8

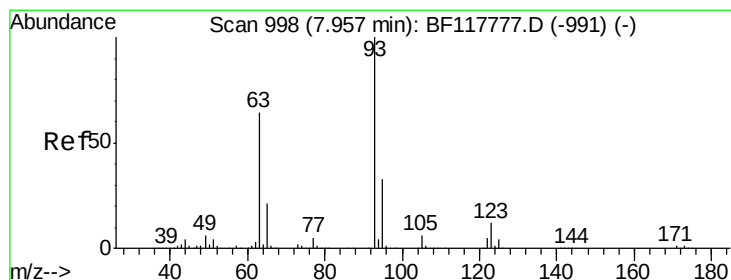
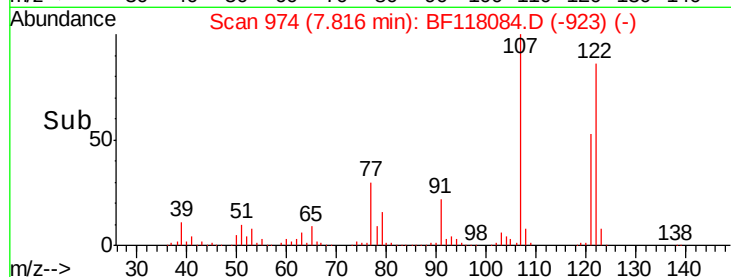
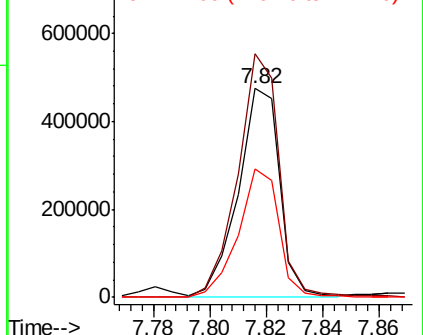
121 61.4 46.9 70.3



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: 48.428 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

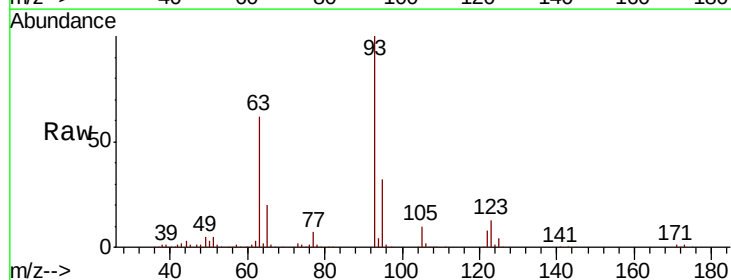
Tgt Ion: 93 Resp: 625844

Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

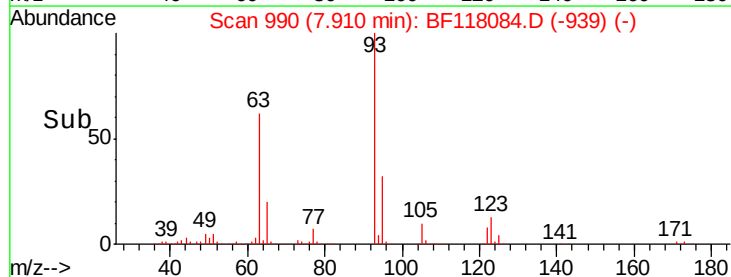
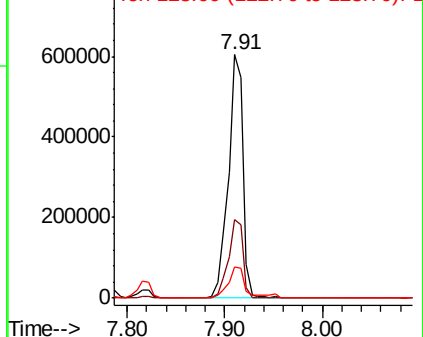
123 12.5 10.2 15.4

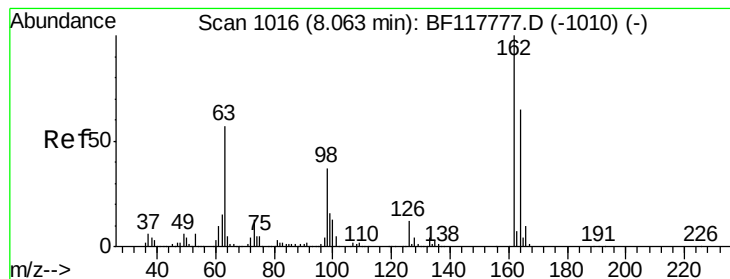


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.769 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampled :

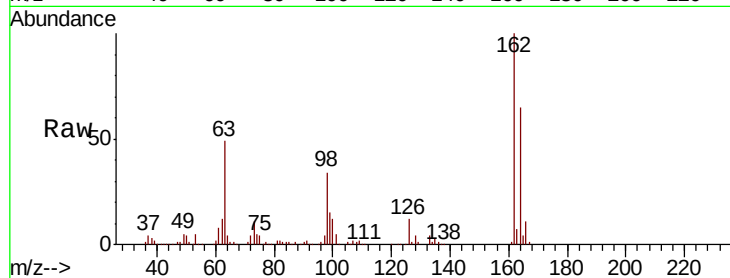
Tot Ion:162 Resp: 392789

Ion Ratio Lower Upper

162 100

164 65.2 42.9 82.9

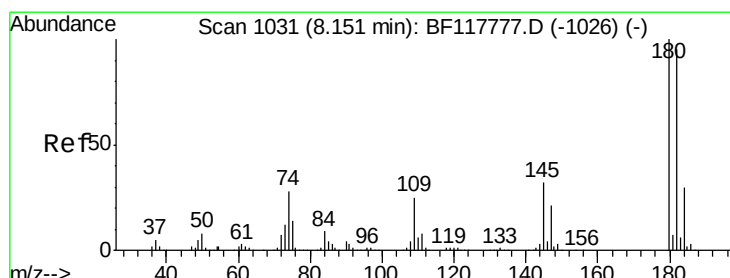
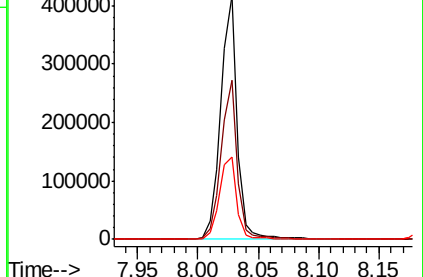
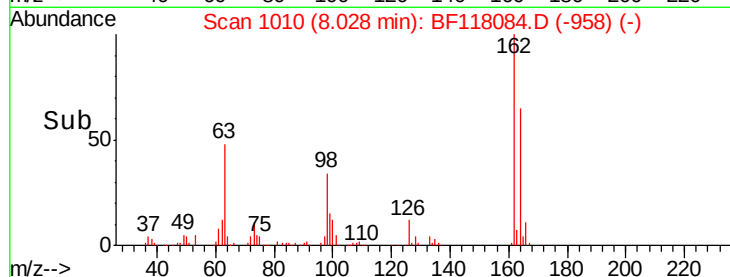
98 34.1 16.7 56.7



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: 40.585 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

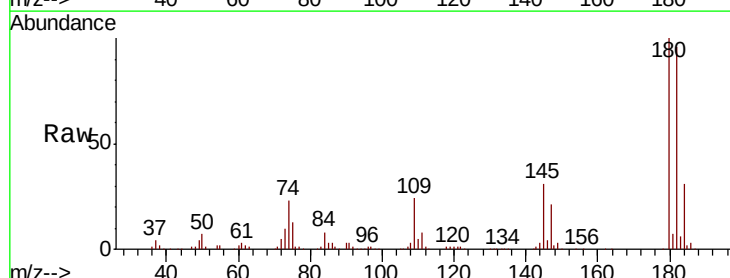
Tgt Ion:180 Resp: 442695

Ion Ratio Lower Upper

180 100

182 95.6 76.6 114.8

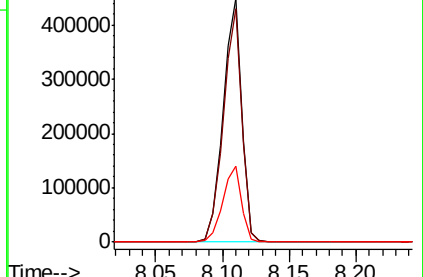
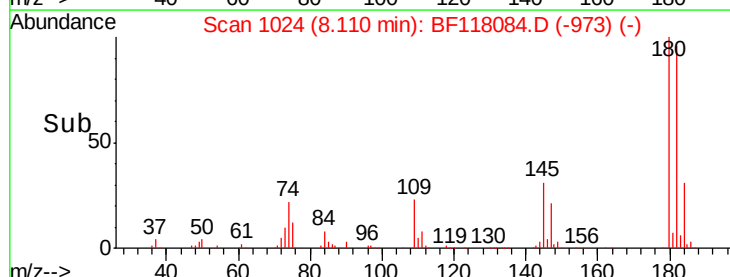
145 31.3 25.1 37.7

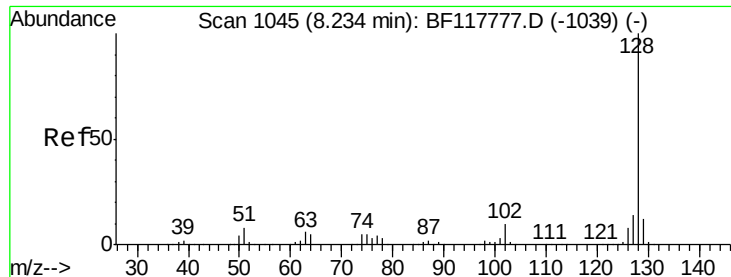


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.038 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

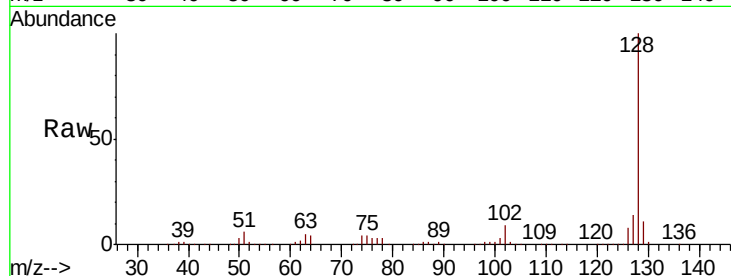
Tot Ion:128 Resp: 1356052

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

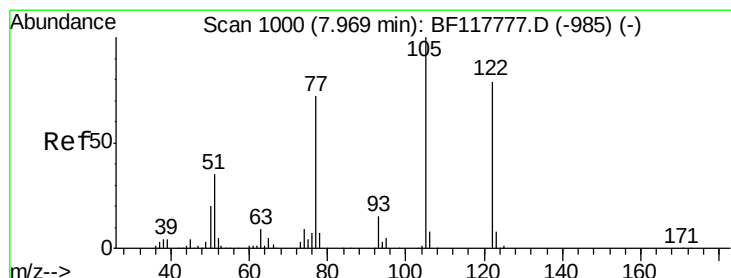
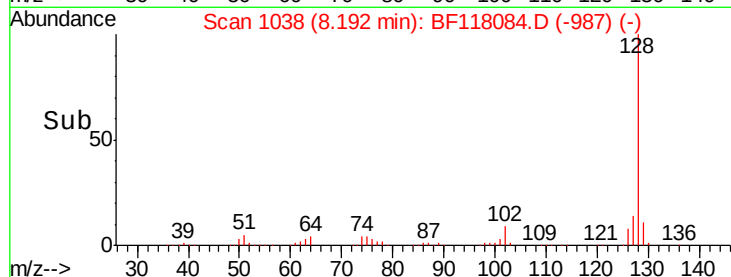
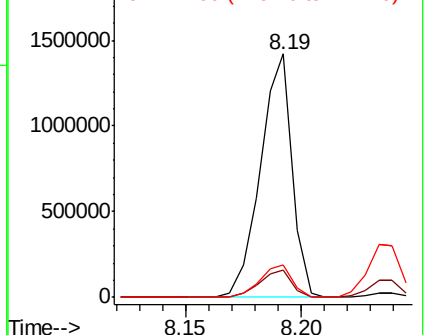
127 13.6 10.6 16.0



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: 43.326 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

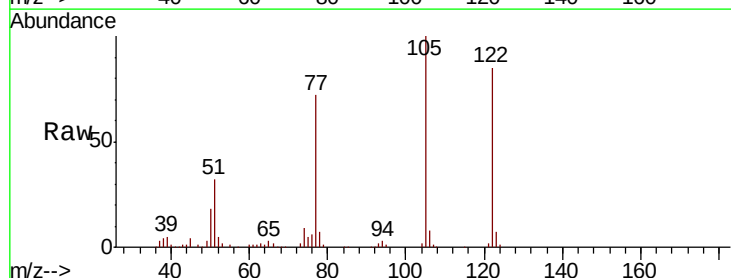
Tgt Ion:122 Resp: 314500

Ion Ratio Lower Upper

122 100

105 117.4 101.4 141.4

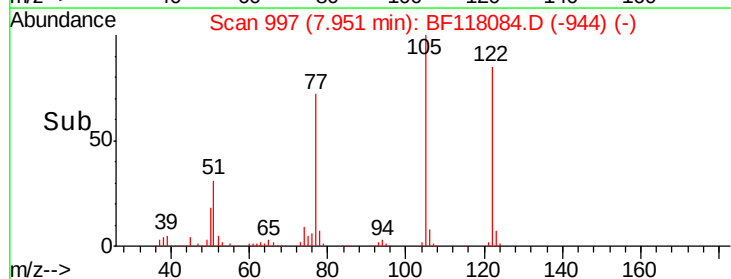
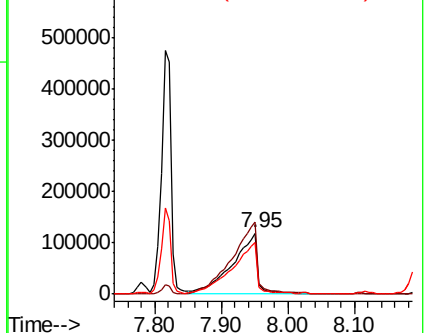
77 85.0 66.4 106.4

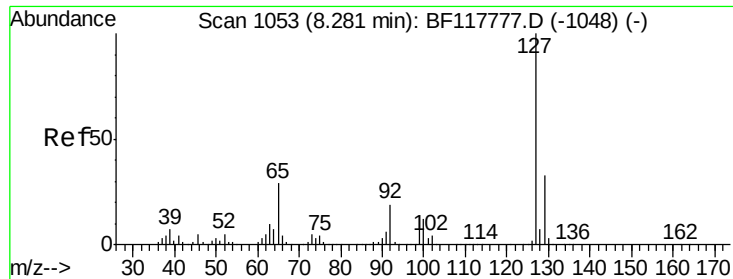


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

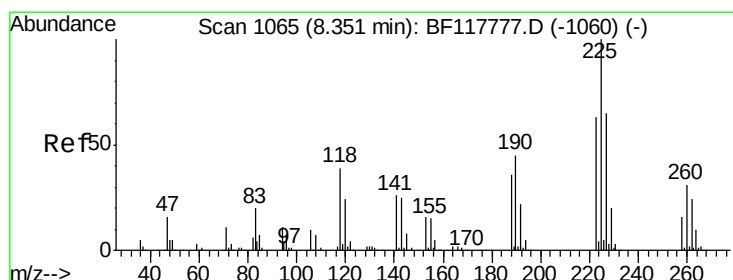
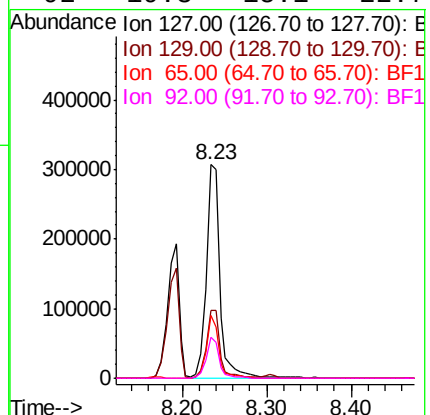
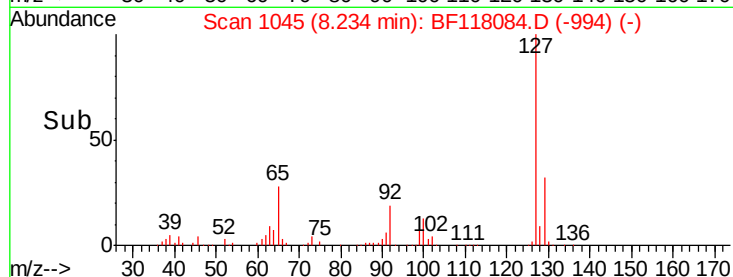
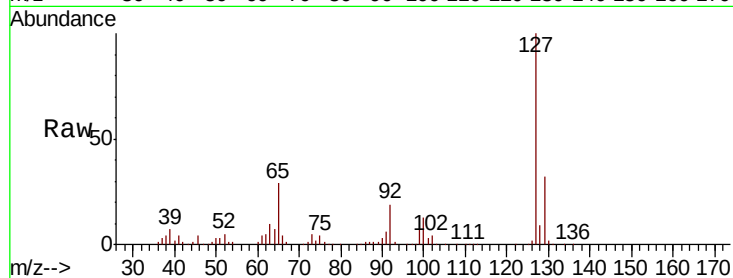




#33
4-Chloroaniline
Concen: 24.667 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

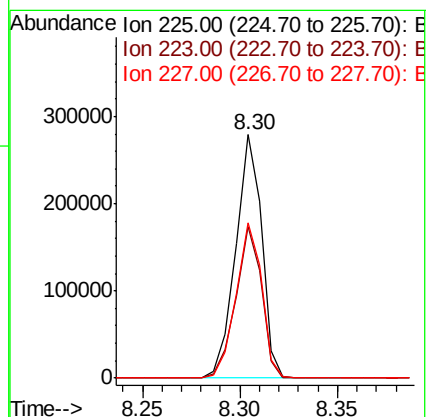
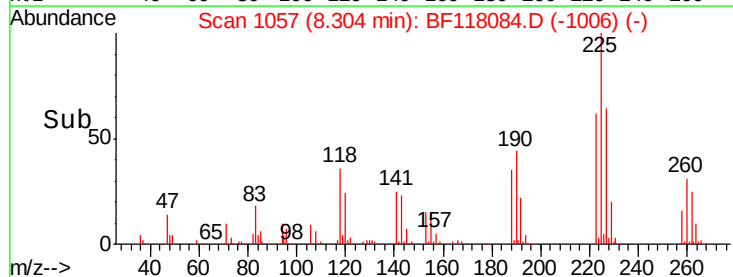
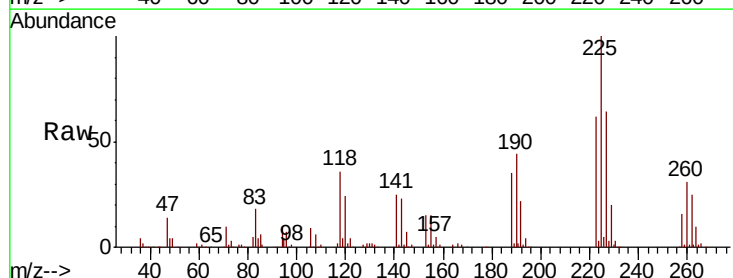
Instrument :
BNA_F
ClientSampled :

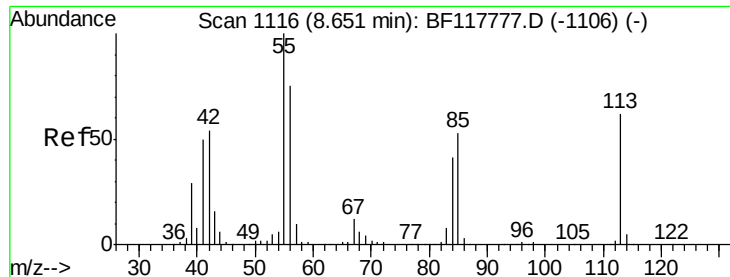
Tot Ion:	127	Resp:	340034
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.4	38.0
65	29.1	23.4	35.0
92	19.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 40.324 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:	225	Resp:	257168
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	63.6	52.6	78.8

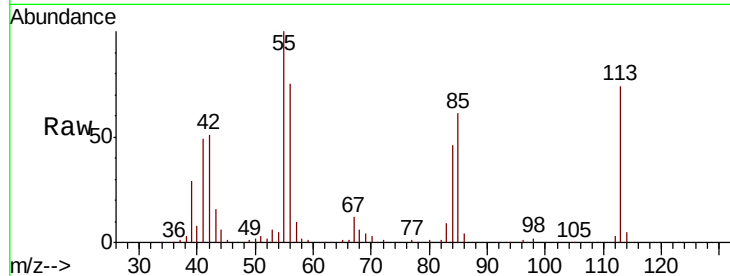




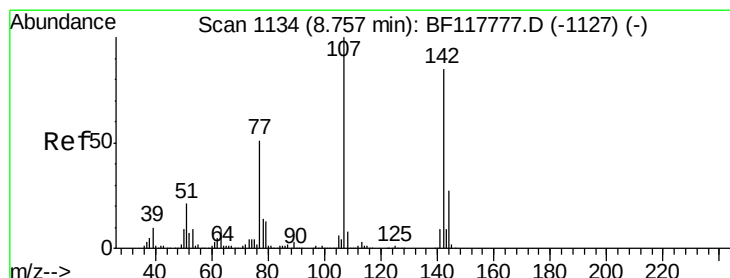
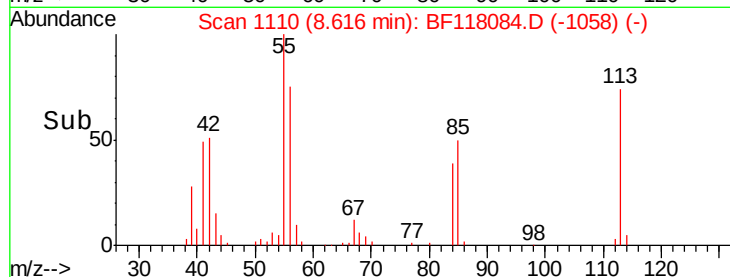
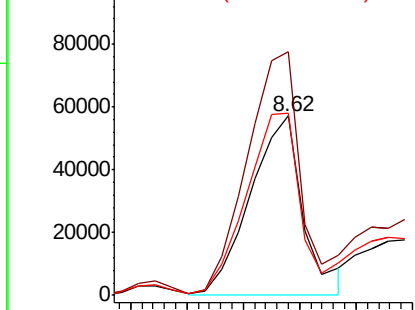
#35
 Caprolactam
 Concen: 24.762 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 74006
 Ion Ratio Lower Upper
 113 100
 55 135.7 125.5 165.5
 56 101.8 88.0 128.0

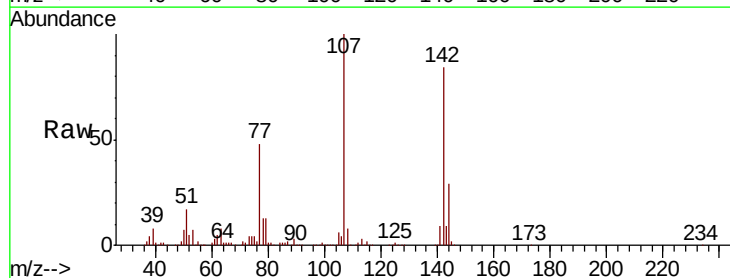


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

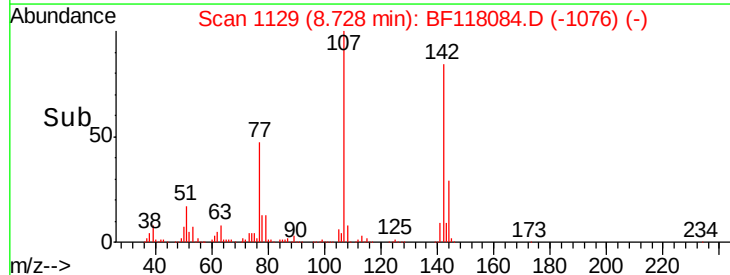
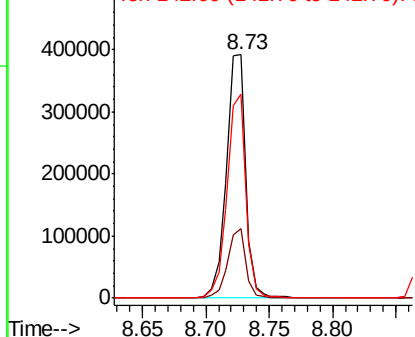


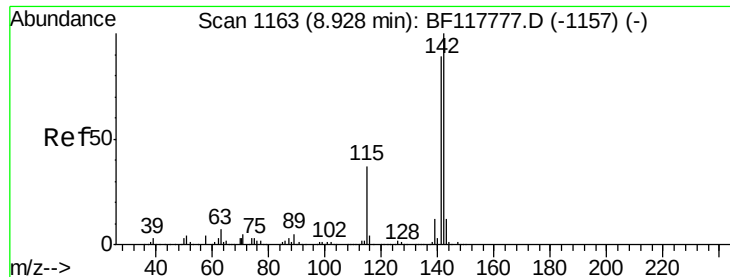
#36
 4-Chloro-3-methylphenol
 Concen: 43.371 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion:107 Resp: 413914
 Ion Ratio Lower Upper
 107 100
 144 28.6 20.6 30.8
 142 83.6 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

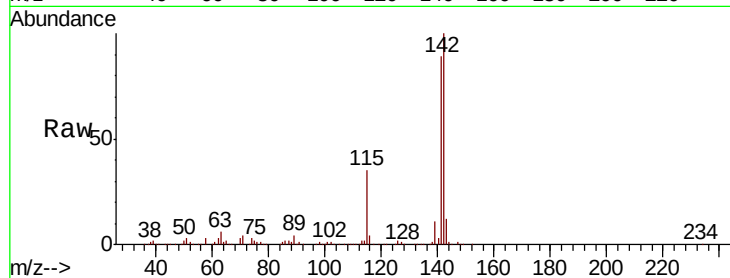




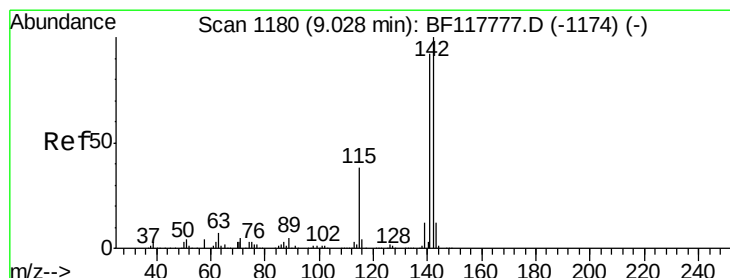
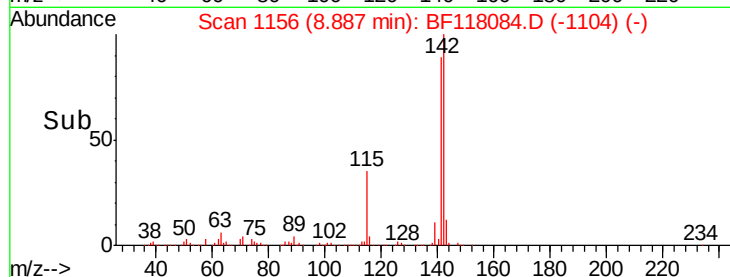
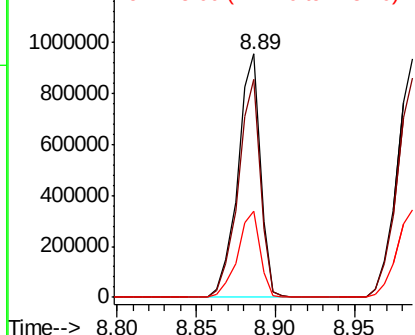
#37
2-Methylnaphthalene
Concen: 45.328 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.2	105.4
115	35.2	29.2	43.8

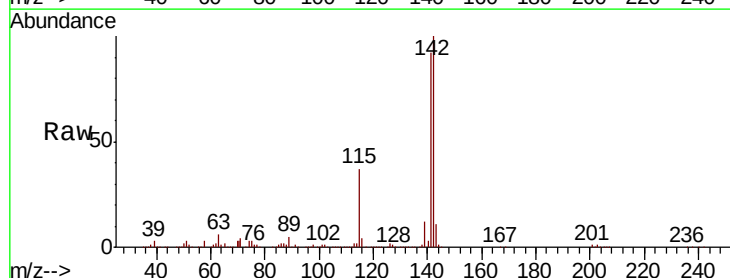


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

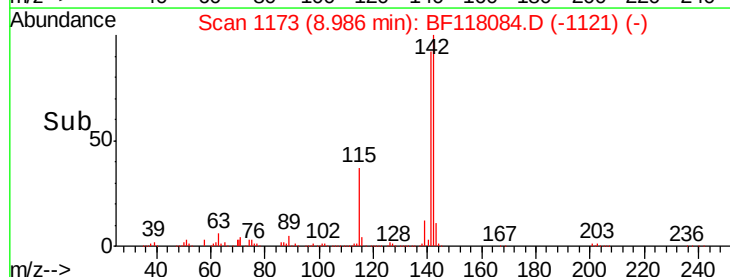
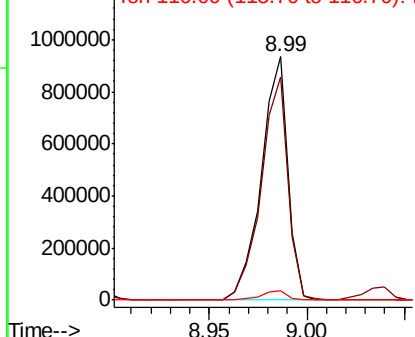


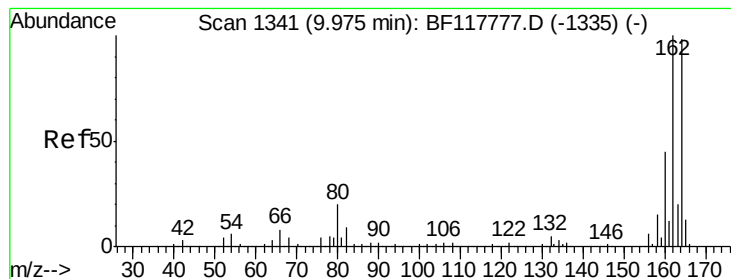
#38
1-Methylnaphthalene
Concen: 44.707 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.6	110.4
116	3.8	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# 1334

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

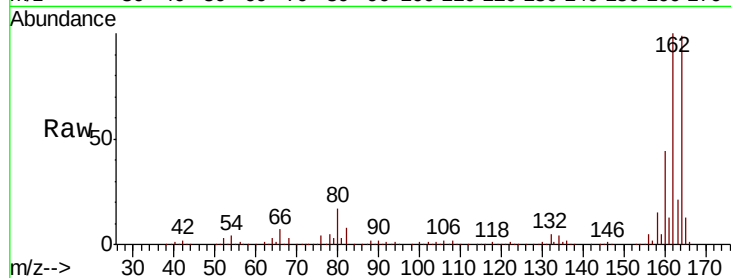
Tot Ion:164 Resp: 353255

Ion Ratio Lower Upper

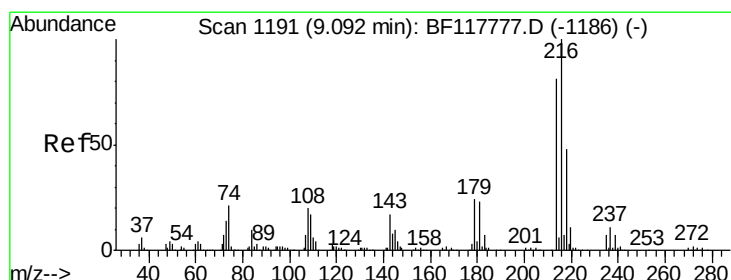
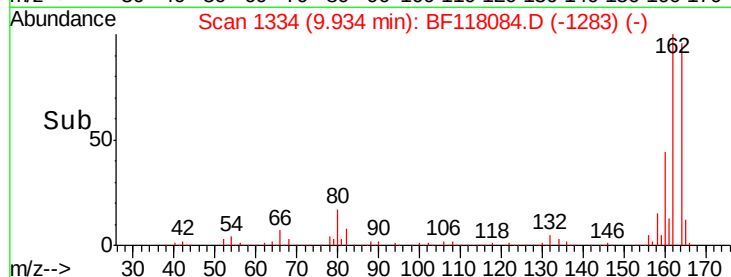
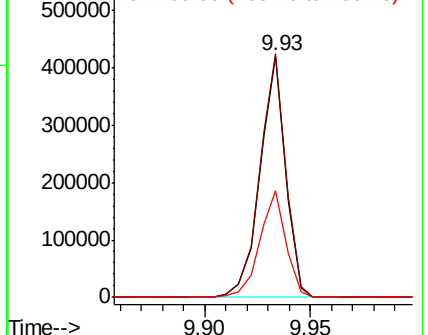
164 100

162 101.0 81.8 122.8

160 44.1 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: 40.906 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Tgt Ion:216 Resp: 419647

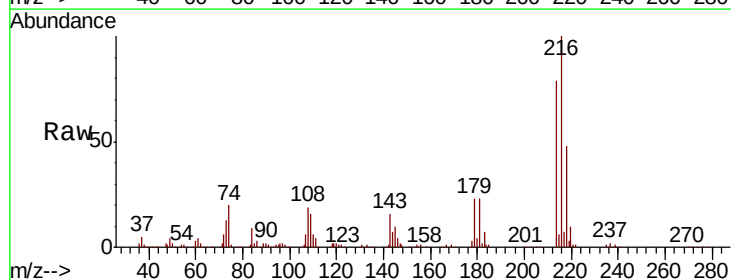
Ion Ratio Lower Upper

216 100

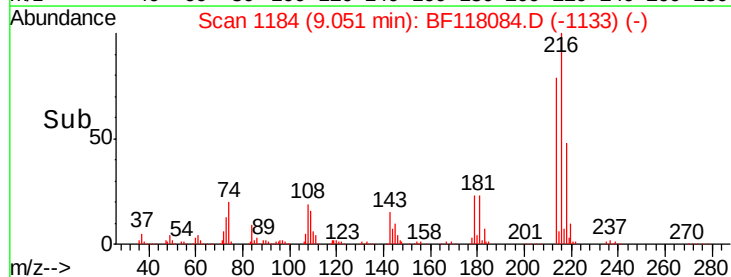
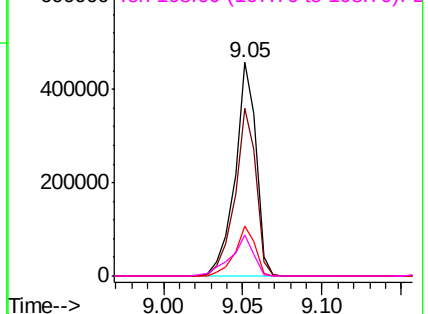
214 78.9 63.0 94.4

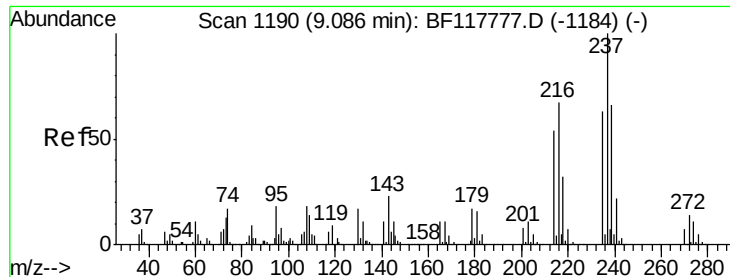
179 22.7 18.5 27.7

108 21.1 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

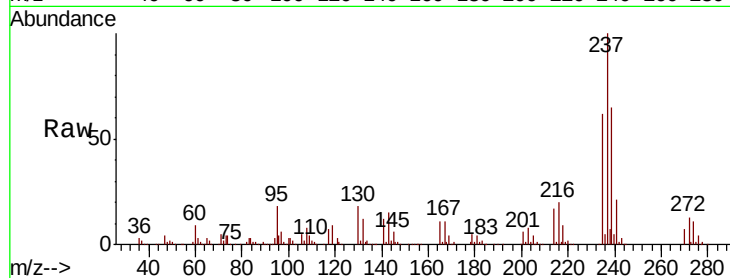




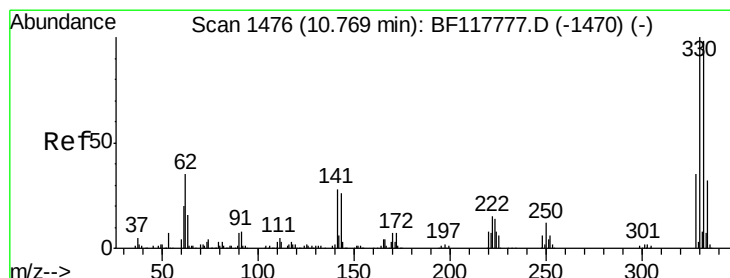
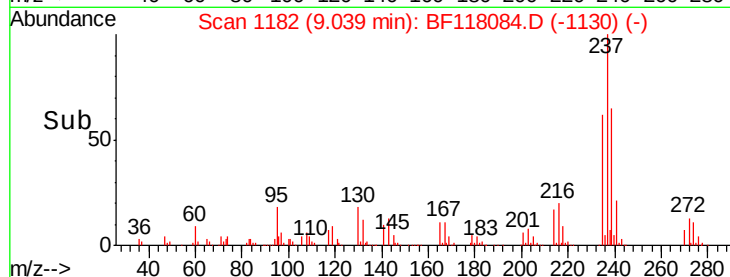
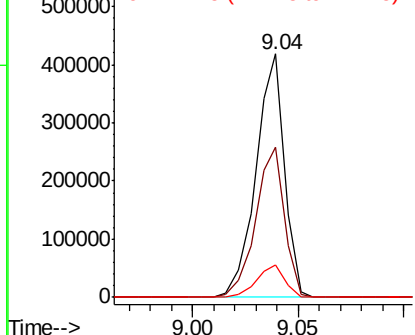
#41
Hexachlorocyclopentadiene
Concen: 68.090 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 391457
Ion Ratio Lower Upper
237 100
235 61.7 43.7 83.7
272 13.5 0.0 32.7

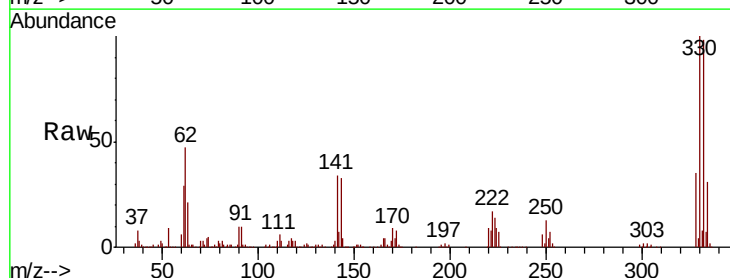


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

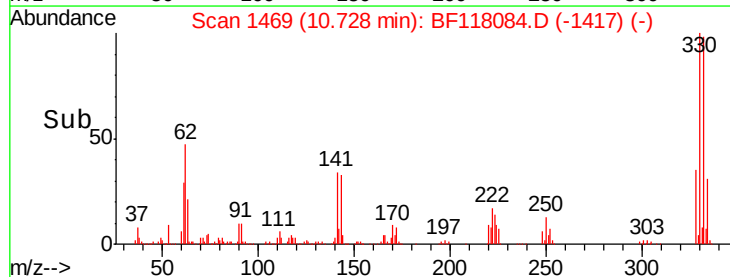
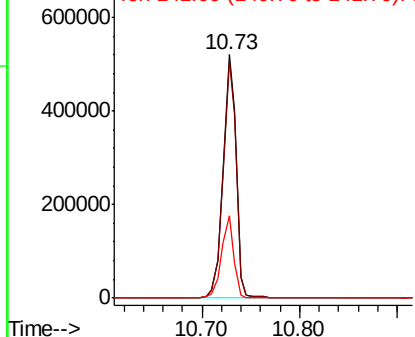


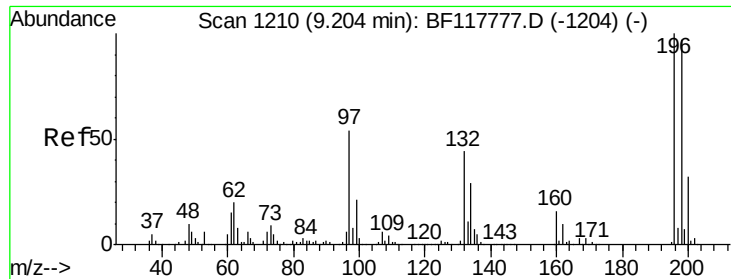
#42
2,4,6-Tribromophenol
Concen: 129.549 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:330 Resp: 484497
Ion Ratio Lower Upper
330 100
332 97.8 78.3 117.5
141 32.0 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

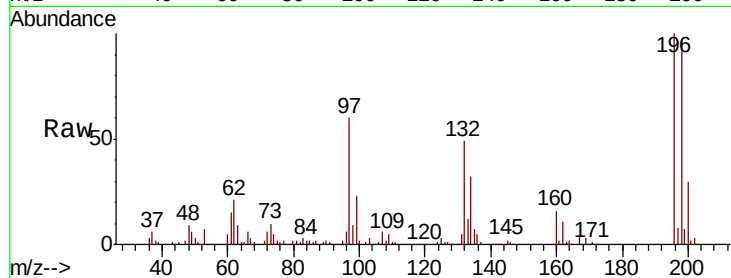




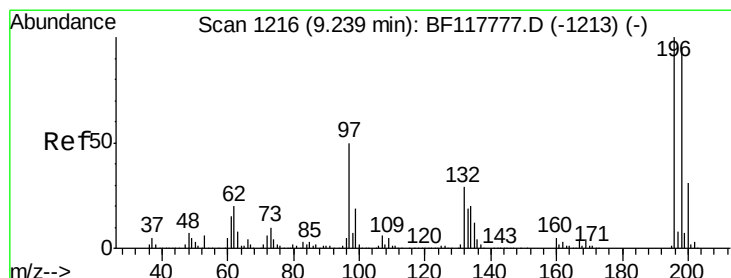
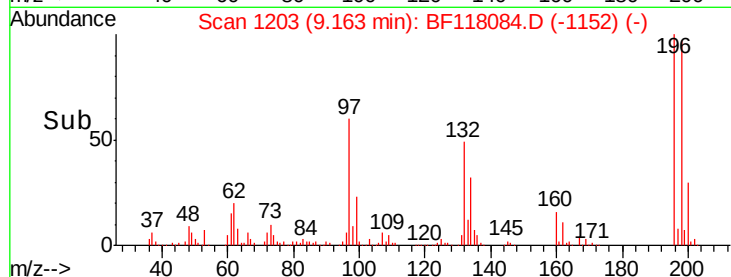
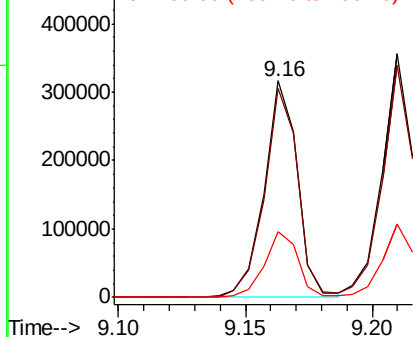
#43
 2,4,6-Trichlorophenol
 Concen: 39.558 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 290674
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.9 115.3
 200 30.2 24.2 36.4

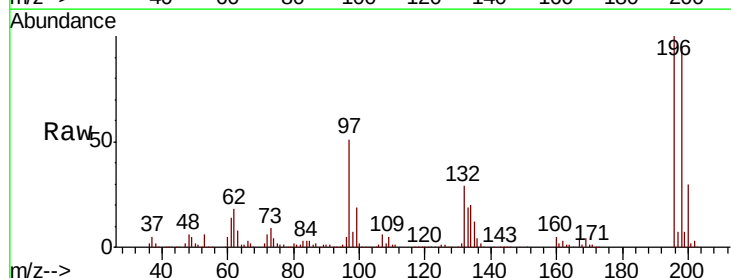


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

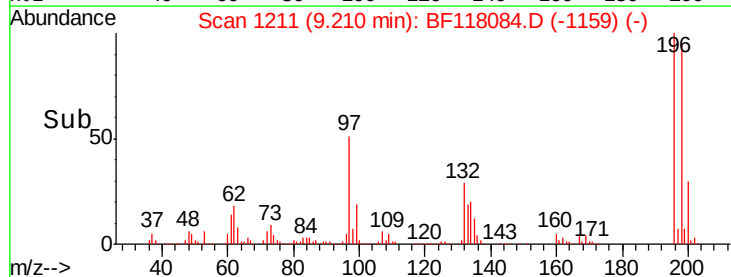
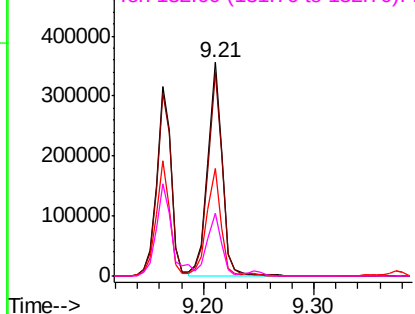


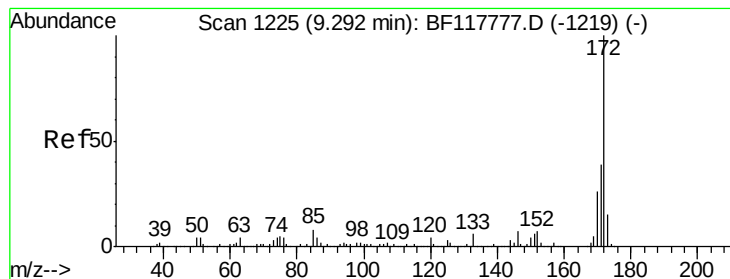
#44
 2,4,5-Trichlorophenol
 Concen: 41.012 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion:196 Resp: 312893
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.1 117.1
 97 50.6 37.4 56.2
 132 29.4 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

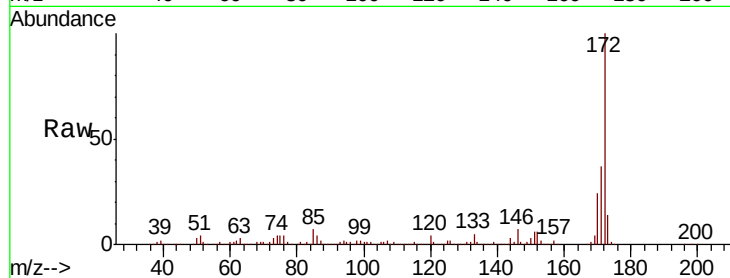




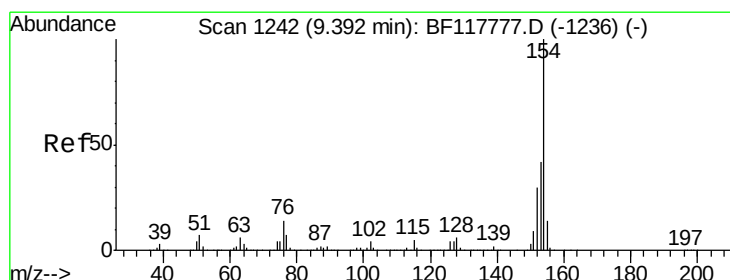
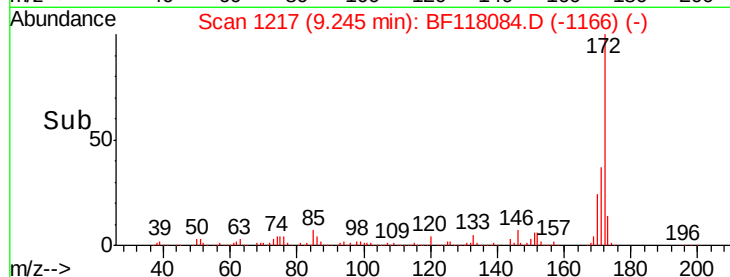
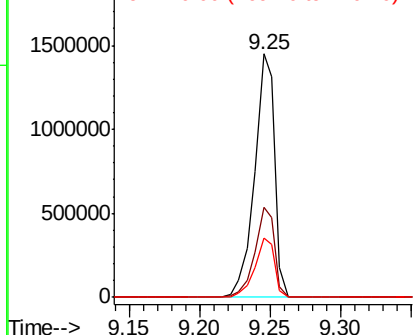
#45
2-Fluorobiphenyl
Concen: 73.714 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1451469
Ion Ratio Lower Upper
172 100
171 37.0 29.2 43.8
170 24.2 19.3 28.9

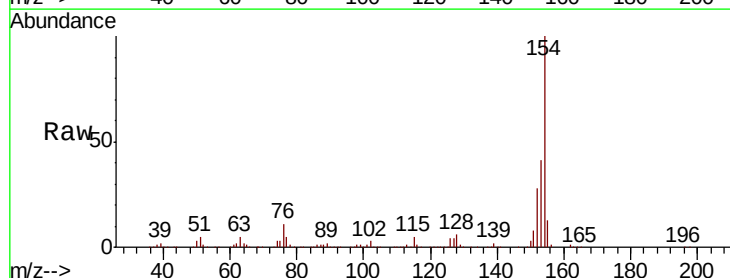


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

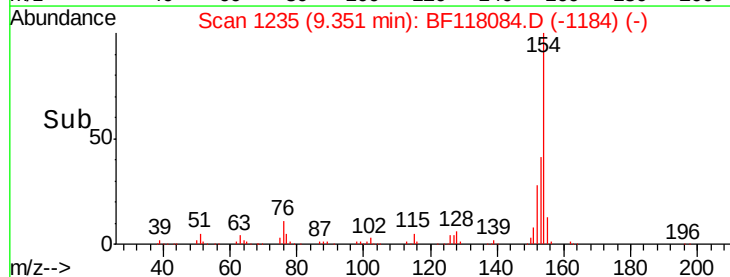
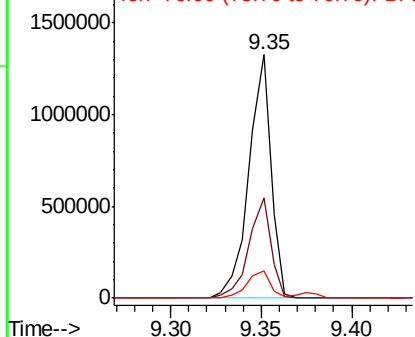


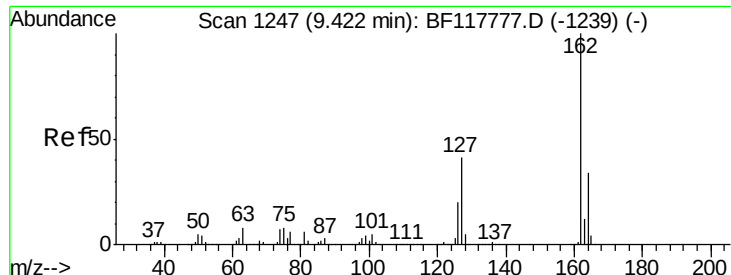
#46
1,1'-Biphenyl
Concen: 42.998 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:154 Resp: 1126892
Ion Ratio Lower Upper
154 100
153 41.4 21.1 61.1
76 11.3 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

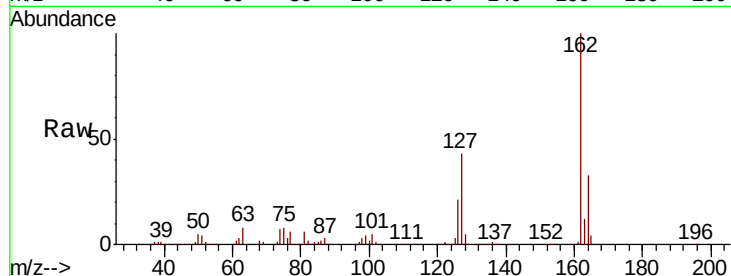




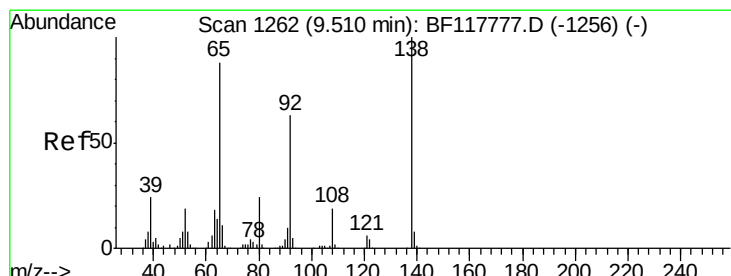
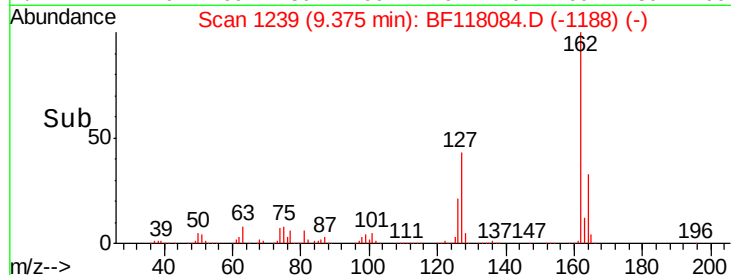
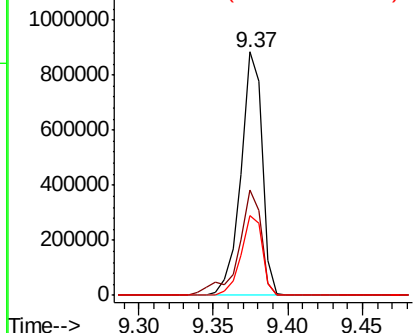
#47
 2-Chloronaphthalene
 Concen: 40.607 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.5	34.6	52.0
164	33.0	26.0	39.0

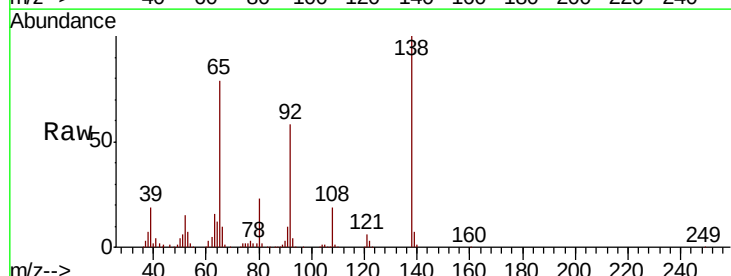


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

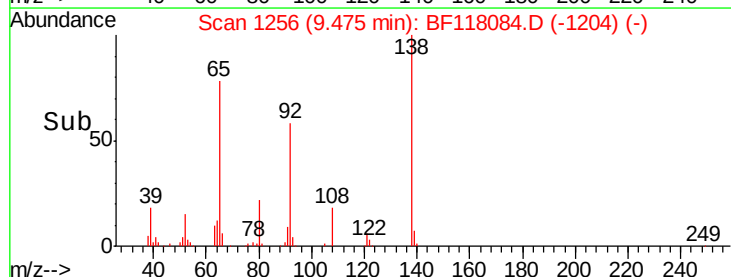
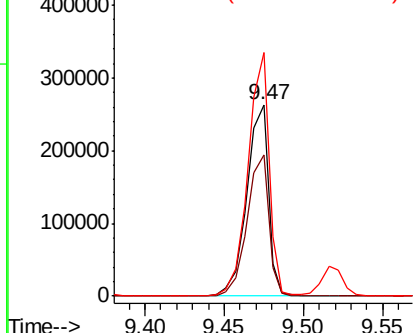


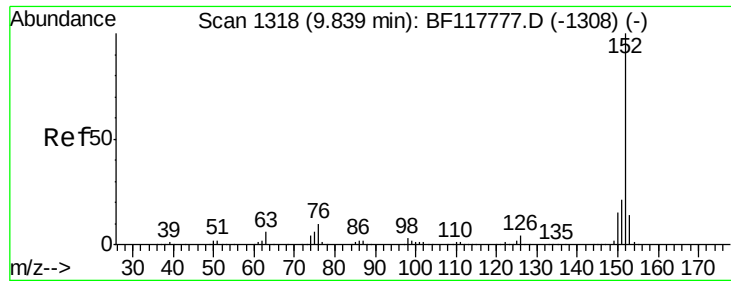
#48
 2-Nitroaniline
 Concen: 38.485 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	57.9	86.9
138	127.4	96.2	144.2



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





#49

Acenaphthylene

Concen: 43.181 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

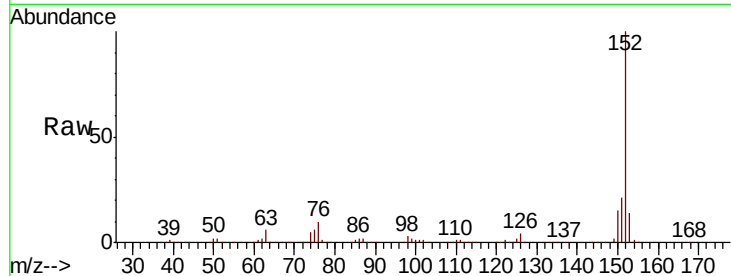
Tot Ion:152 Resp: 1357360

Ion Ratio Lower Upper

152 100

151 20.8 16.7 25.1

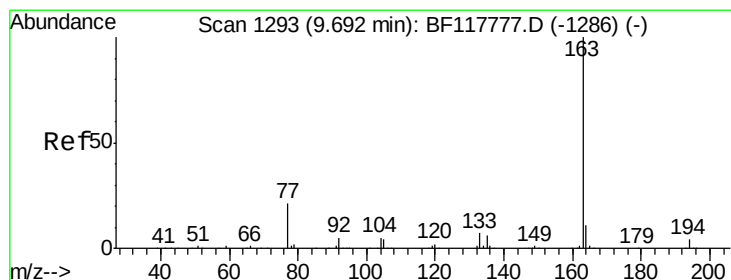
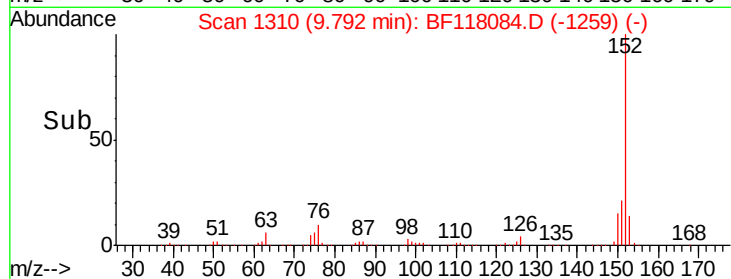
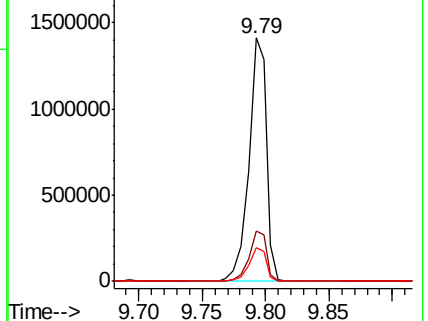
153 13.8 11.1 16.7



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: 41.839 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

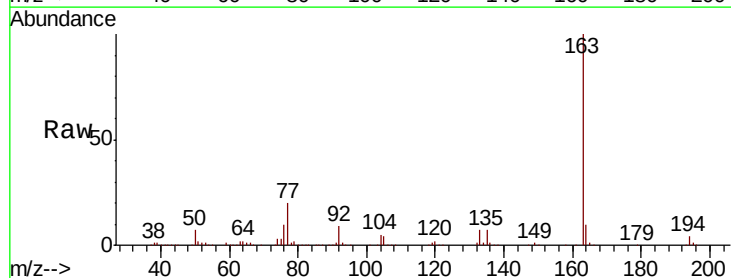
Tgt Ion:163 Resp: 1036429

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

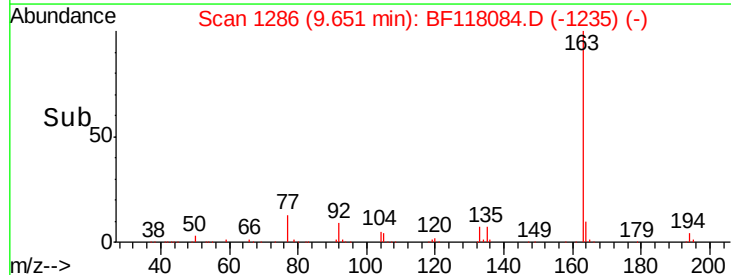
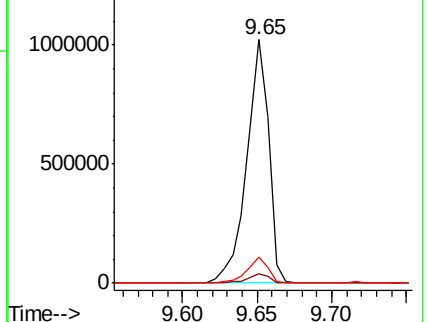
164 10.5 7.9 11.9

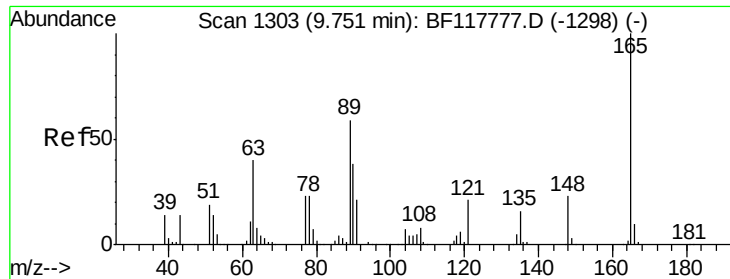


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

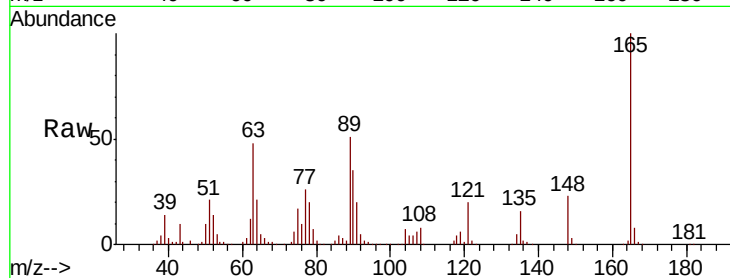




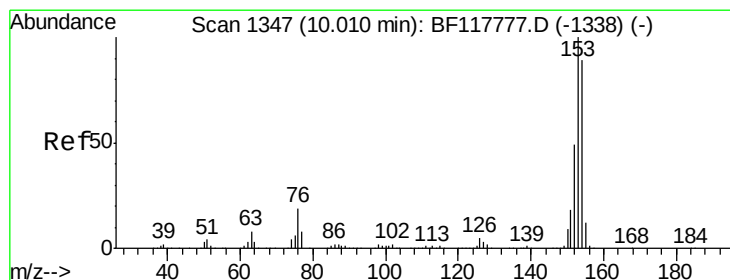
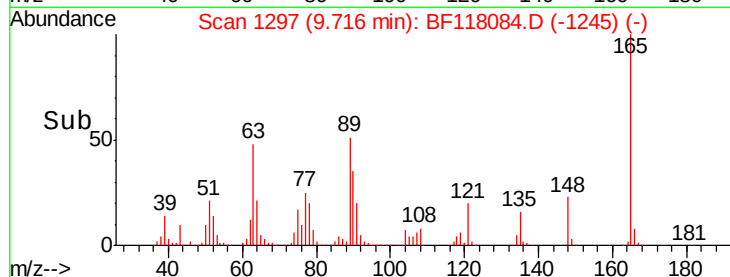
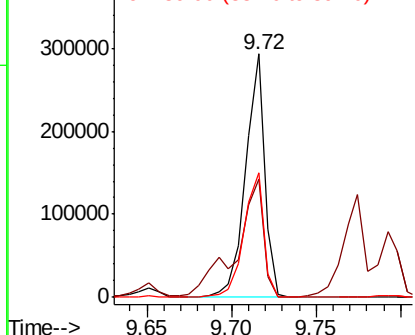
#51
2,6-Dinitrotoluene
Concen: 43.063 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.4	43.9	65.9
89	51.1	45.5	68.3

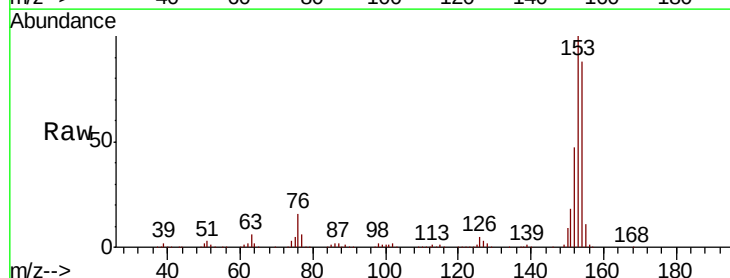


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

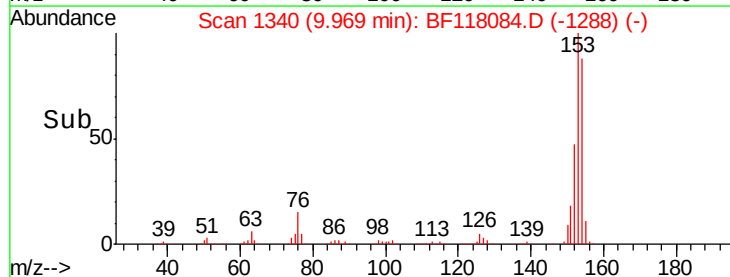
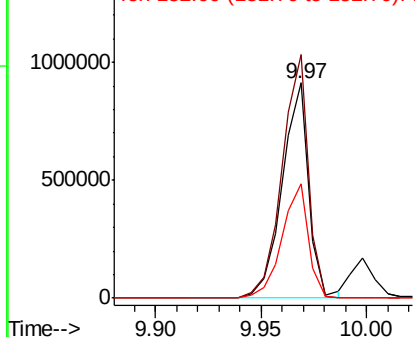


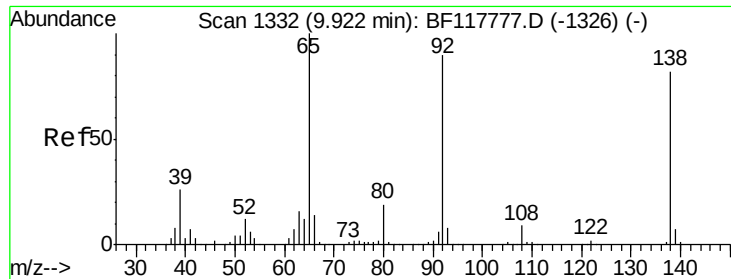
#52
Acenaphthene
Concen: 39.823 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.2	136.8
152	53.1	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

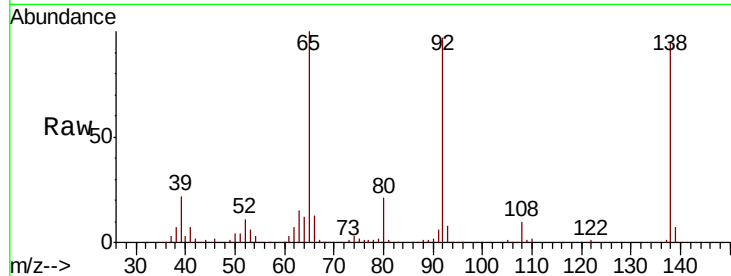




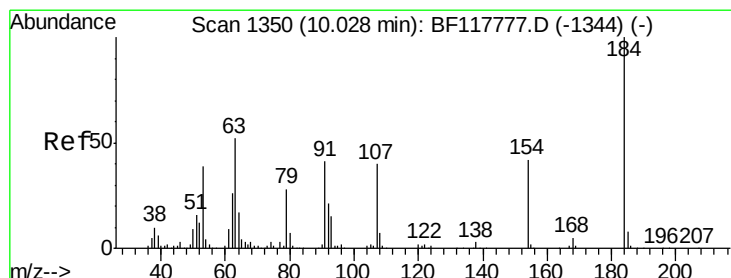
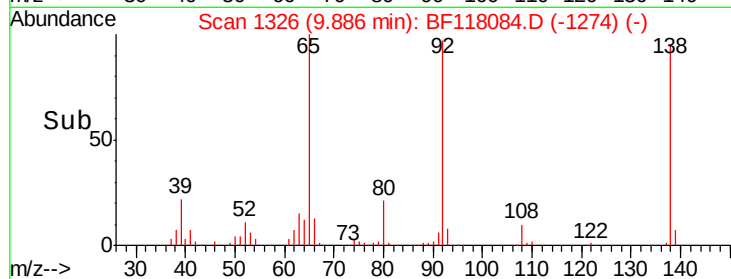
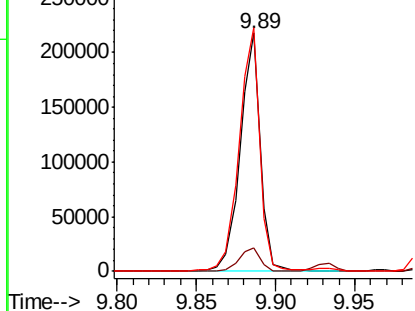
#53
 3-Nitroaniline
 Concen: 29.456 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 190822
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.7 13.1
 92 102.2 87.4 131.0

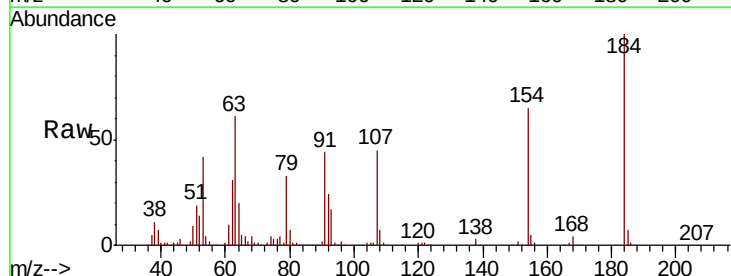


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

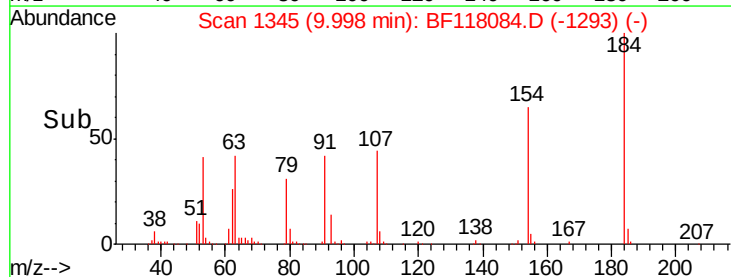
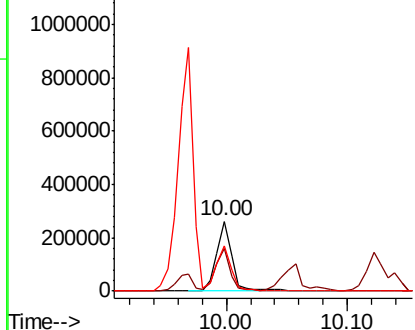


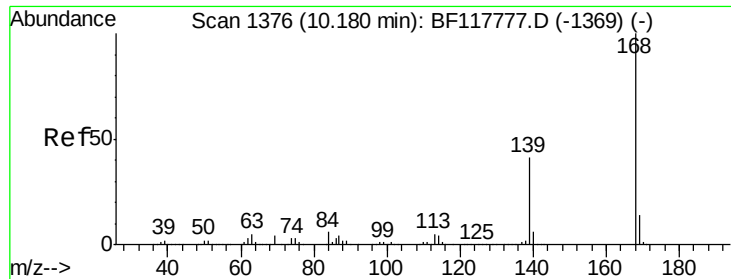
#54
 2,4-Dinitrophenol
 Concen: 83.357 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion:184 Resp: 232807
 Ion Ratio Lower Upper
 184 100
 63 60.5 45.3 67.9
 154 65.3 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

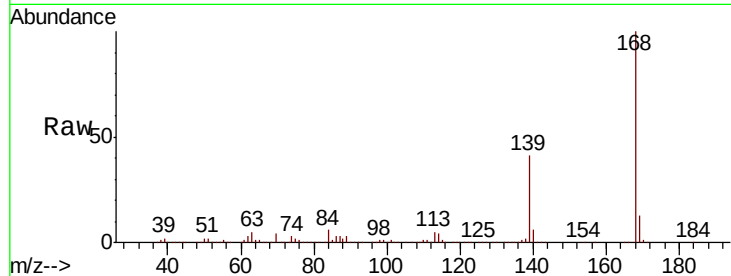




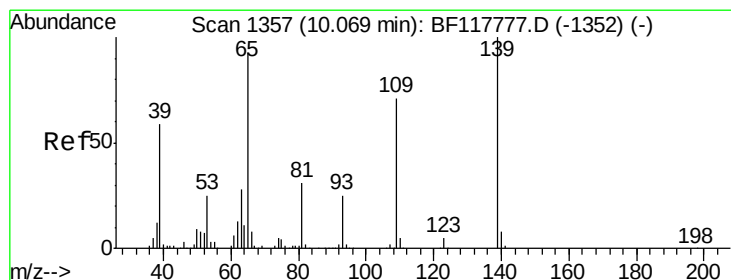
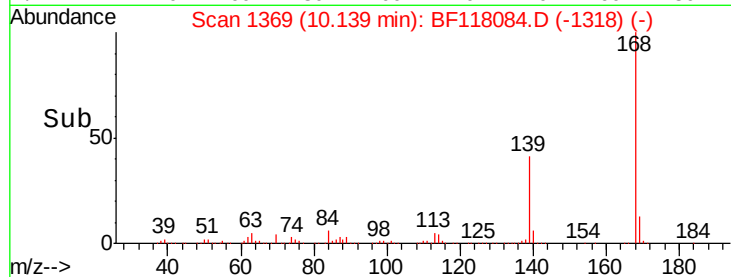
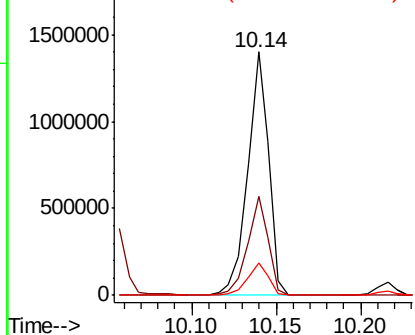
#55
Dibenzofuran
Concen: 43.500 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1212951
Ion Ratio Lower Upper
168 100
139 40.8 32.5 48.7
169 13.4 10.8 16.2

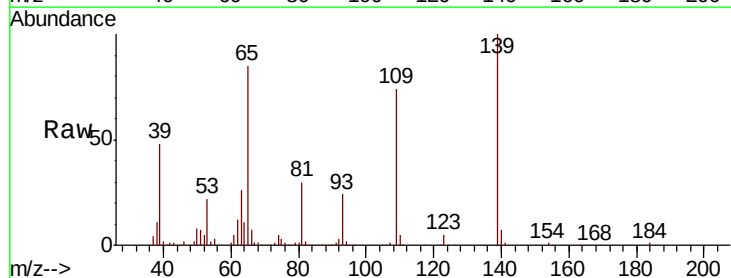


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

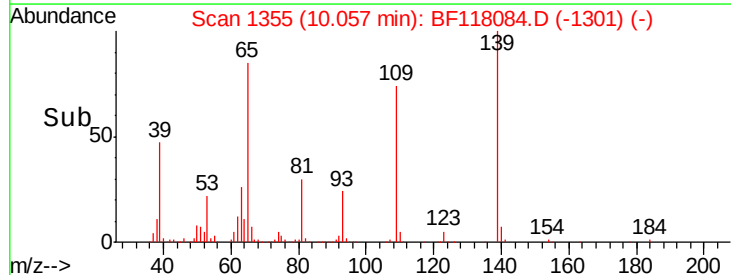
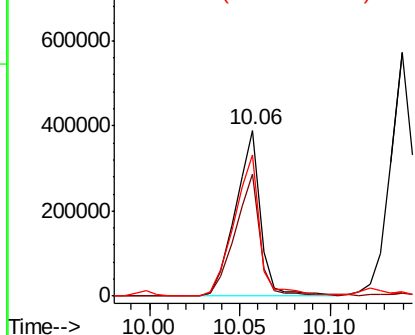


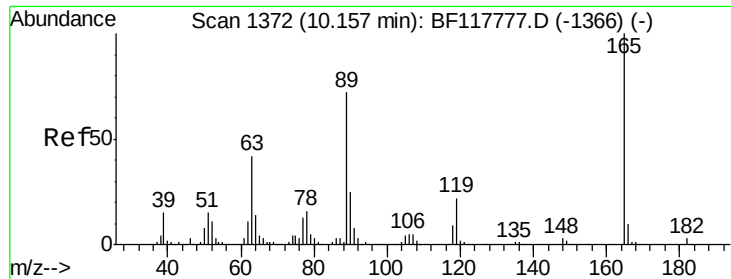
#56
4-Nitrophenol
Concen: 78.005 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:139 Resp: 377198
Ion Ratio Lower Upper
139 100
109 74.0 55.2 95.2
65 85.4 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

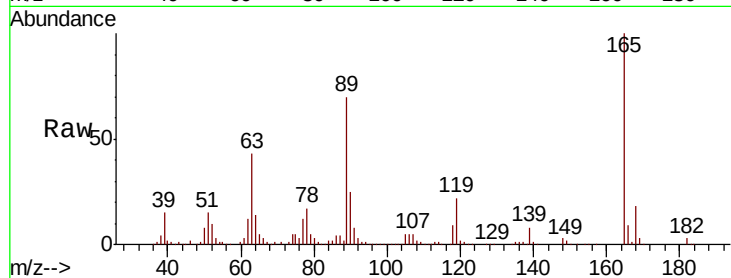




#57
2,4-Dinitrotoluene
Concen: 45.163 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	26.5	39.7#
89	69.8	47.2	70.8
182	2.7	2.3	3.5



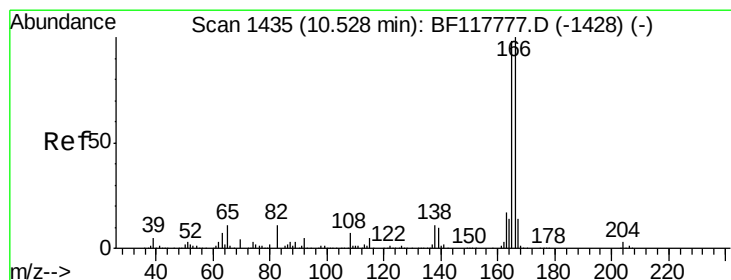
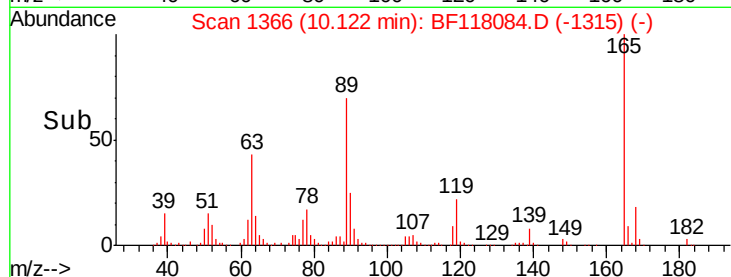
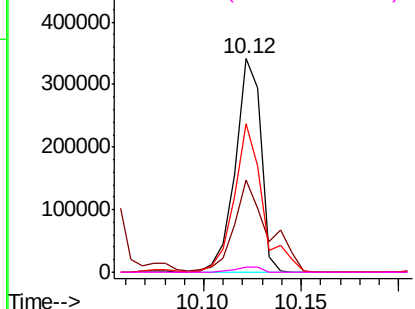
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

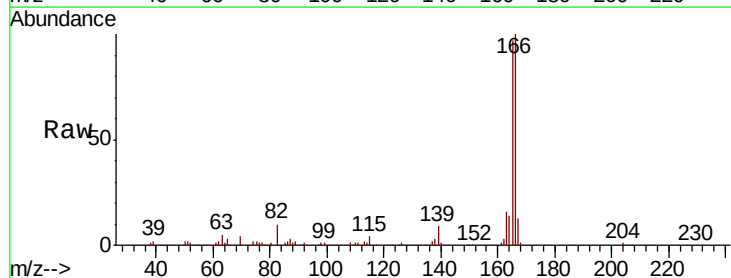
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.315 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.4	116.2
167	13.4	10.7	16.1

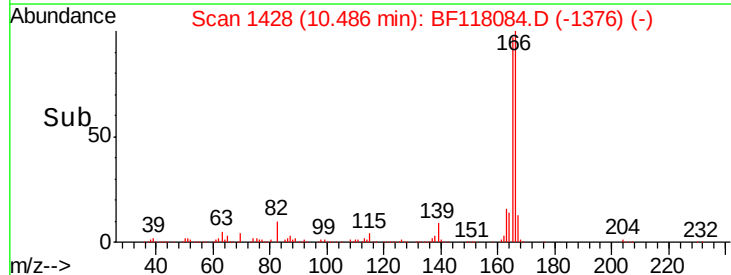
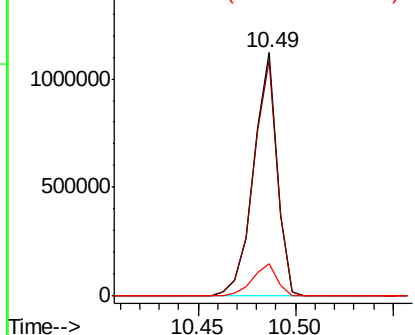


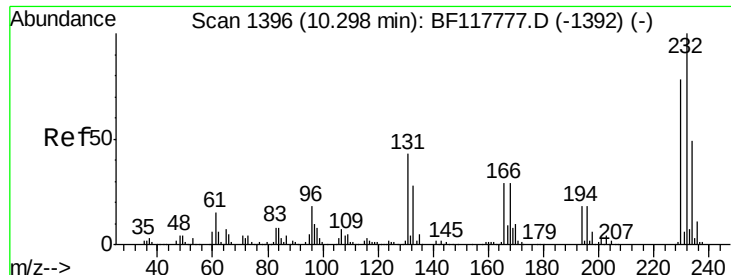
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

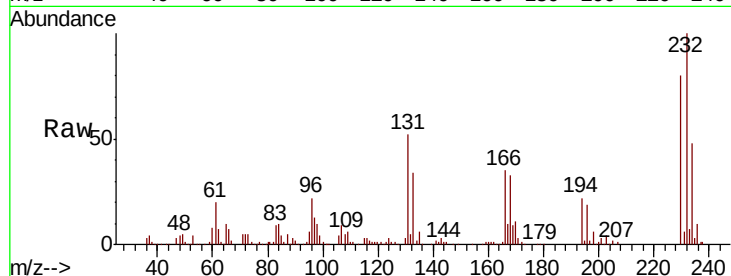




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.130 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	38.8	58.2
130	2.4	1.9	2.9
166	32.5	25.9	38.9



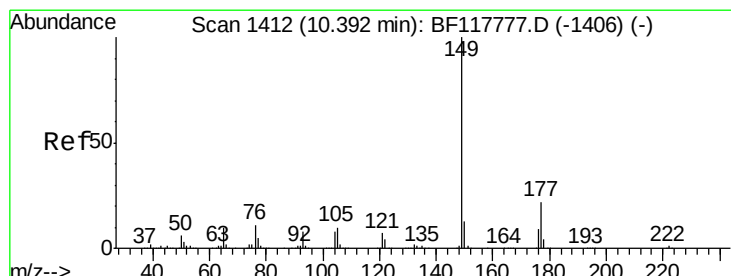
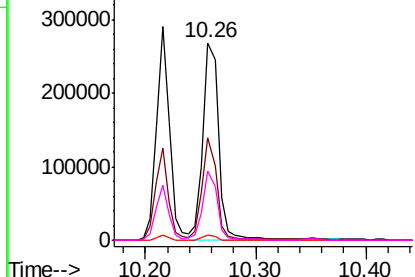
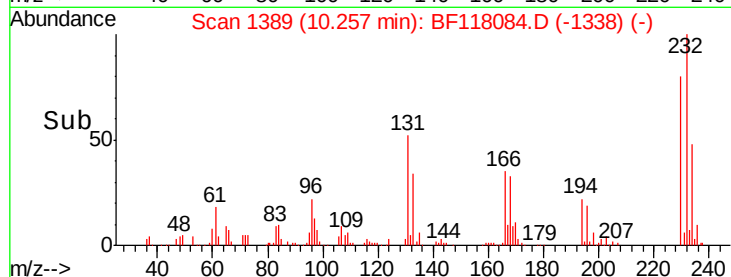
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

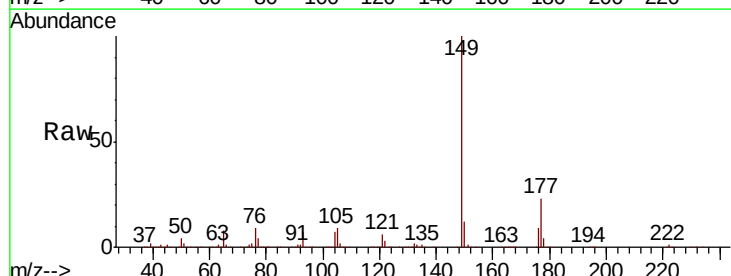
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.596 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.6	26.4
150	12.3	9.8	14.8

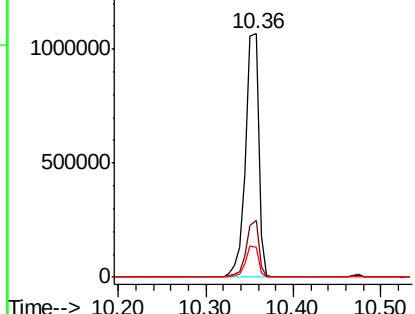
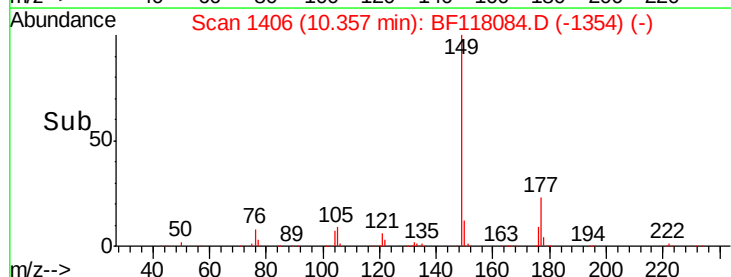


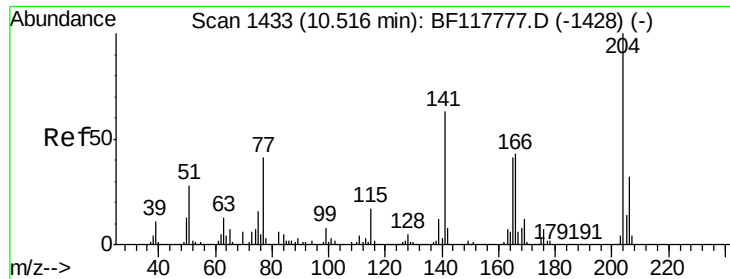
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

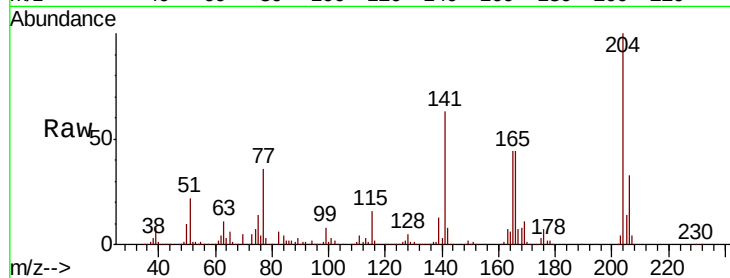




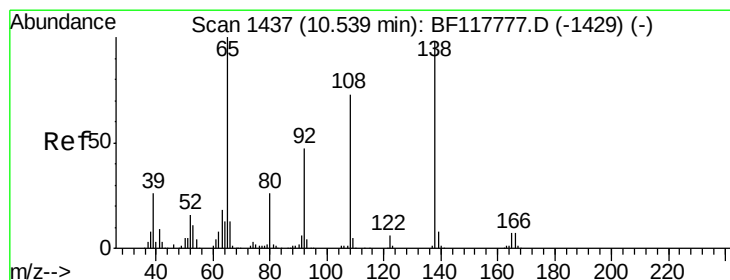
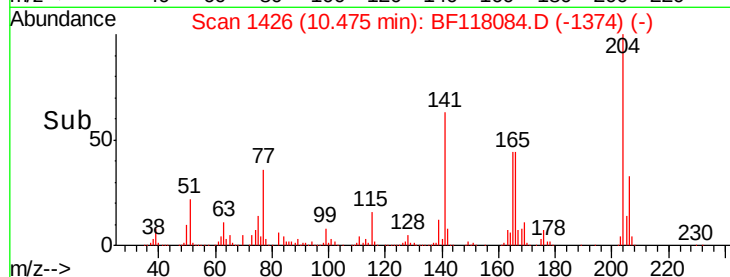
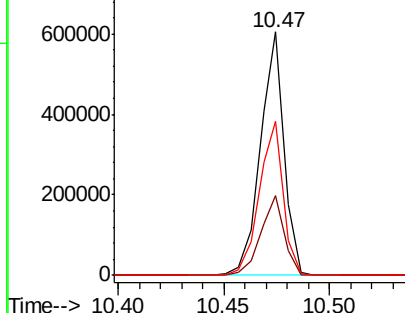
#61
4-Chlorophenyl-phenylether
Concen: 42.830 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 469662
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 63.5 55.1 82.7

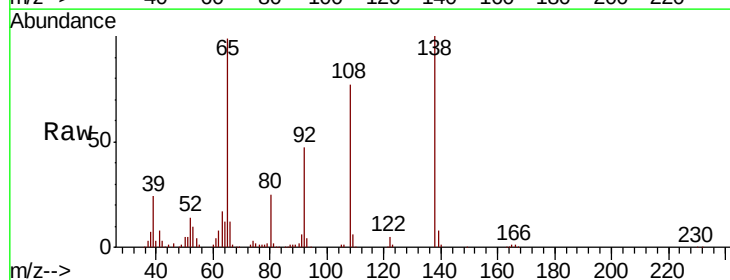


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

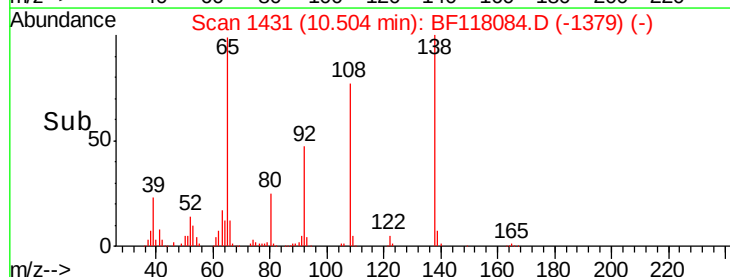
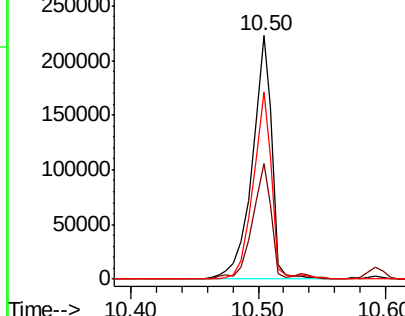


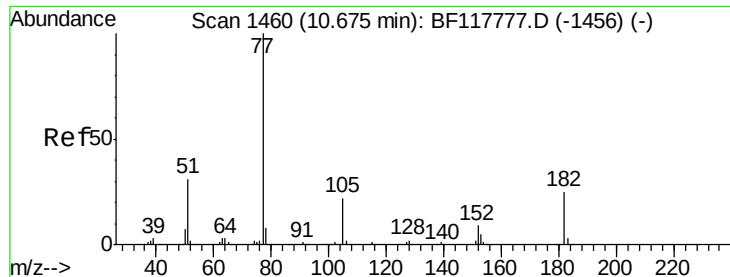
#62
4-Nitroaniline
Concen: 37.502 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:138 Resp: 243251
Ion Ratio Lower Upper
138 100
92 47.3 27.5 67.5
108 77.0 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: 40.528 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 890478

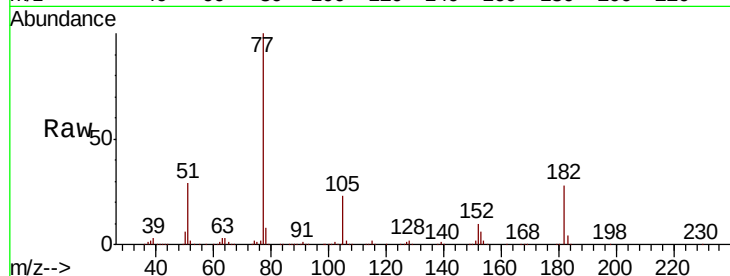
Ion Ratio Lower Upper

77 100

182 27.6 8.2 48.2

105 22.5 2.1 42.1

51 28.7 8.7 48.7

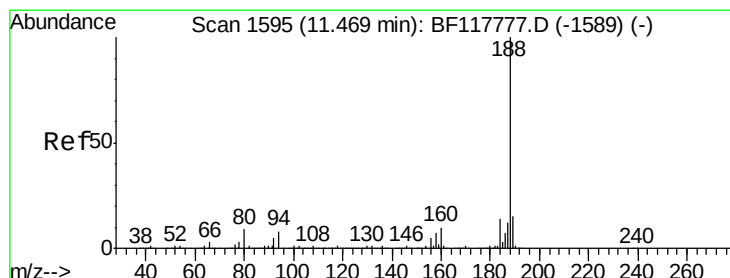
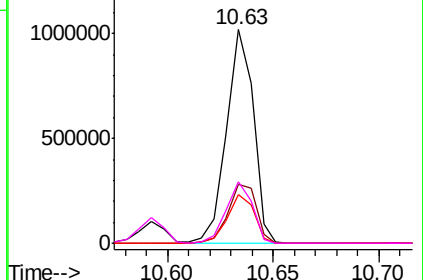
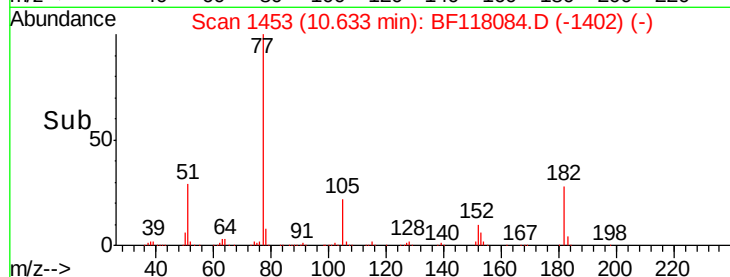


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

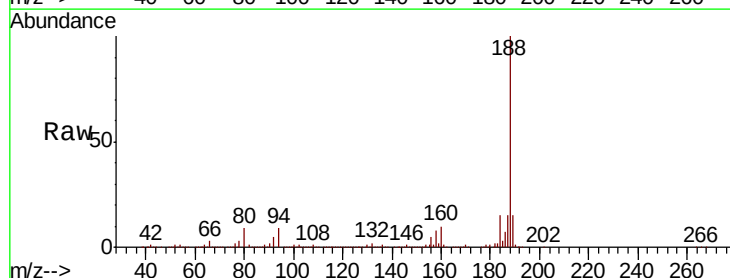
Tgt Ion: 188 Resp: 672536

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

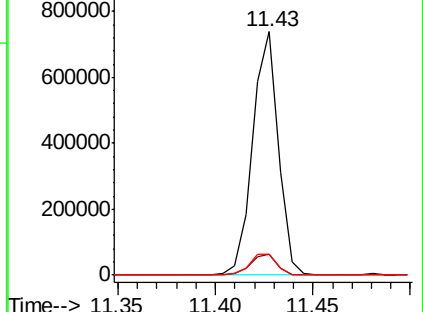
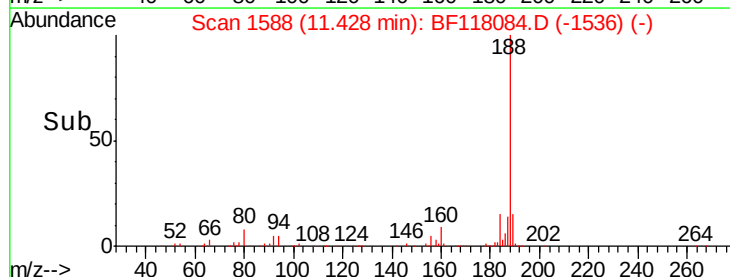
80 8.8 7.2 10.8

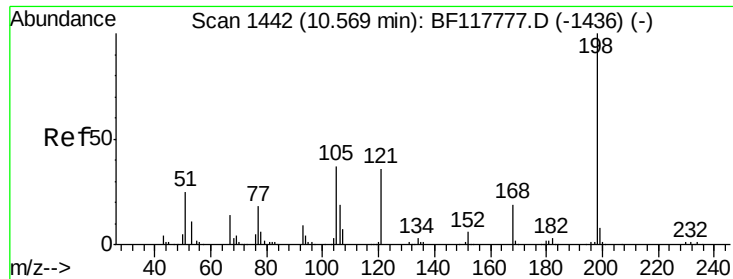


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

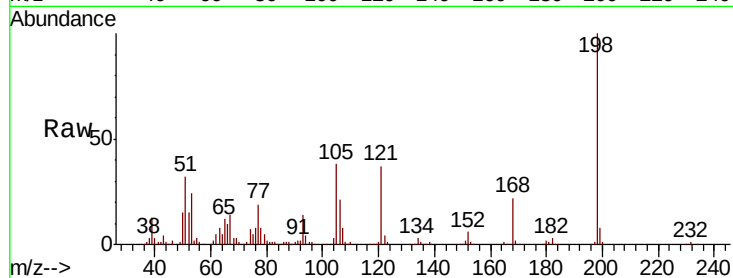




#65
4,6-Dinitro-2-methylphenol
Concen: 51.962 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.8	12.6	52.6
105	38.2	17.0	57.0

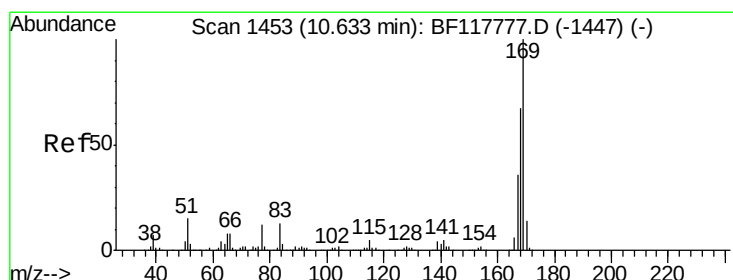
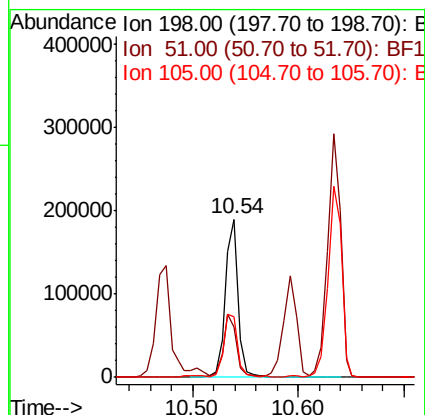
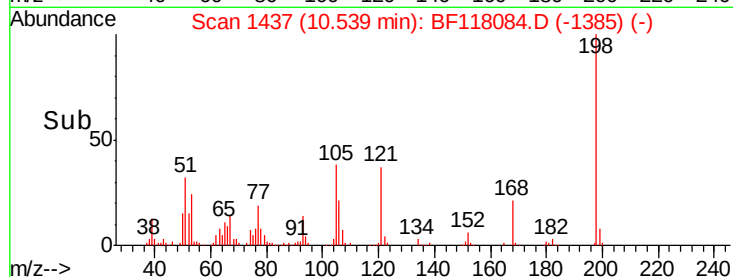


Abundance

Ion 198.00 (197.70 to 198.70): E

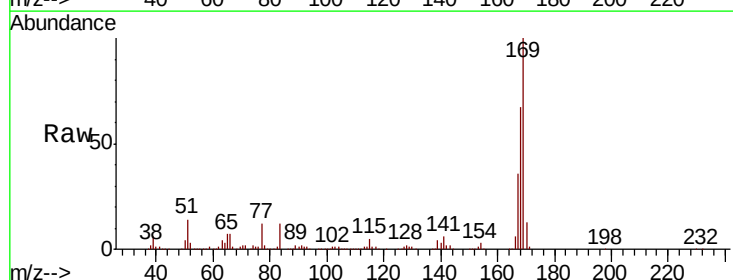
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 43.051 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	52.5	78.7
167	36.2	28.4	42.6

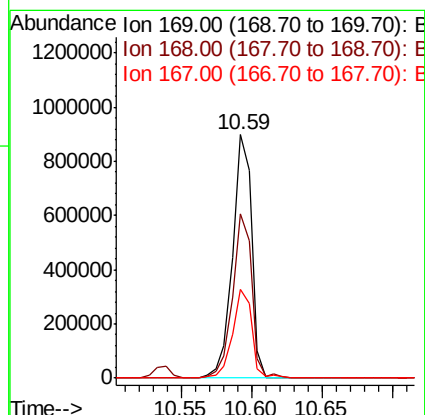
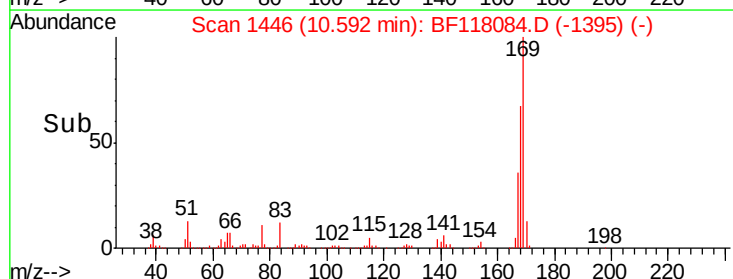


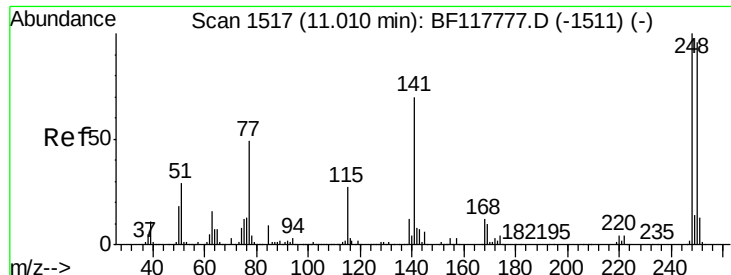
Abundance

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

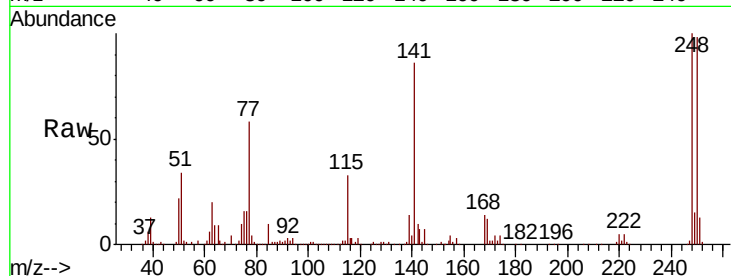




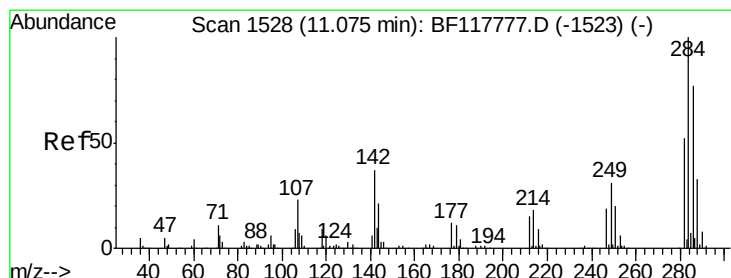
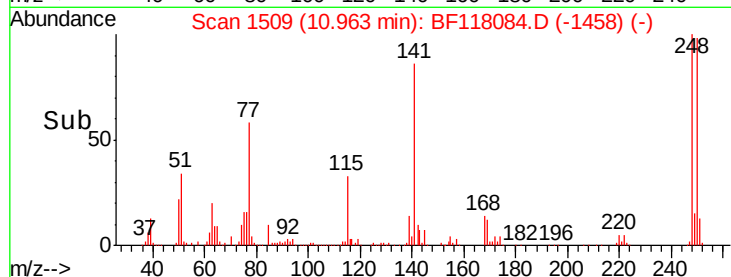
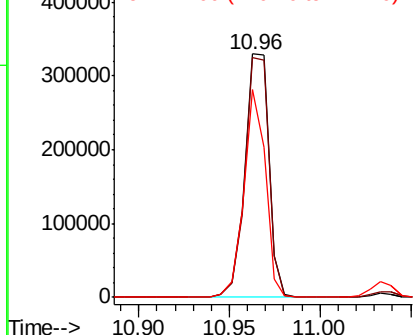
#67
4-Bromophenyl-phenylether
Concen: 41.764 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 303063
Ion Ratio Lower Upper
248 100
250 98.3 78.0 117.0
141 85.6 64.0 96.0

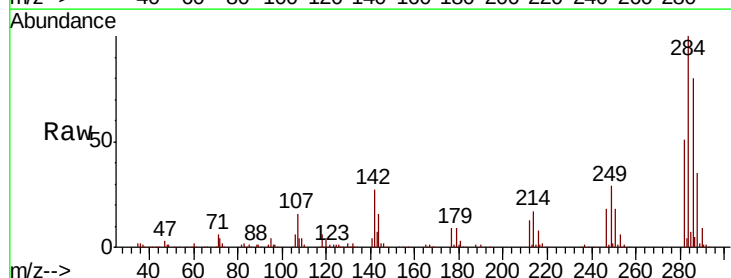


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

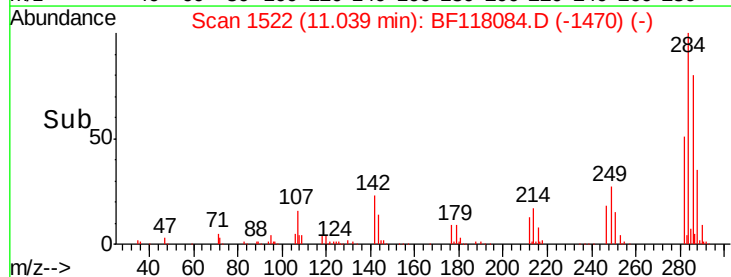
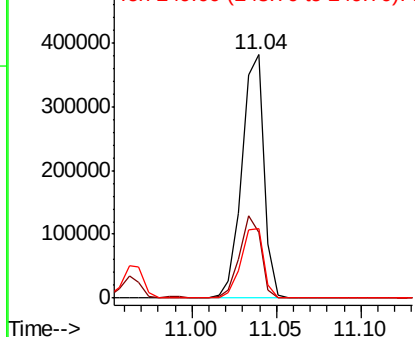


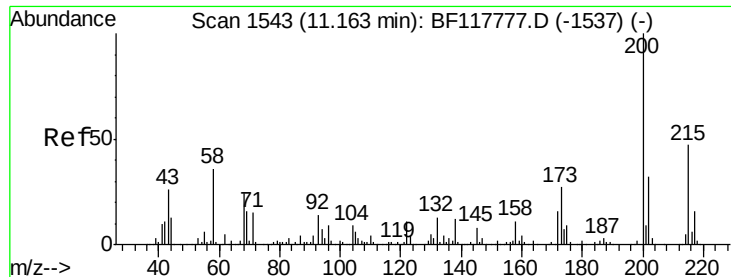
#68
Hexachlorobenzene
Concen: 41.209 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:284 Resp: 348690
Ion Ratio Lower Upper
284 100
142 27.1 27.3 40.9#
249 28.5 24.8 37.2



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

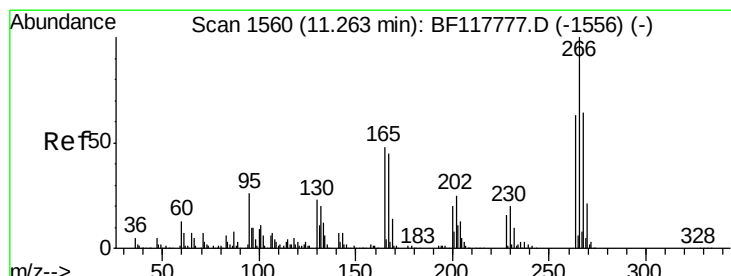
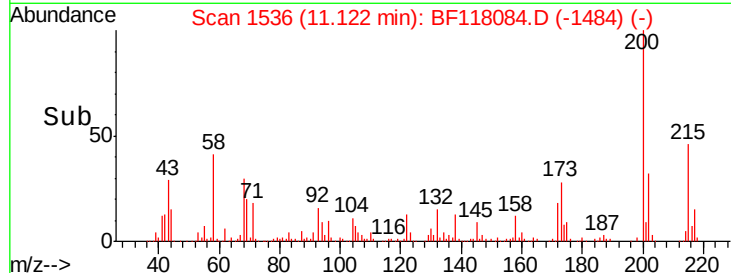
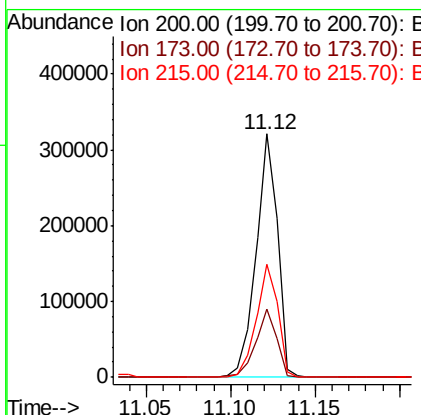
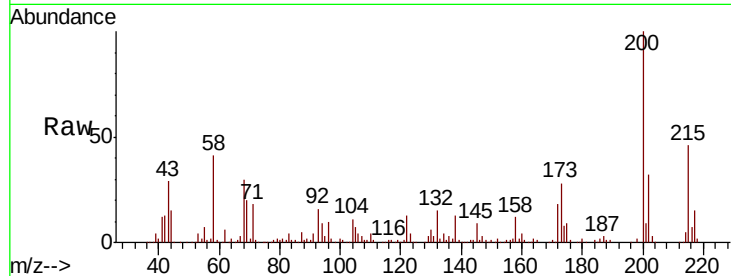




#69
 Atrazine
 Concen: 44.364 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

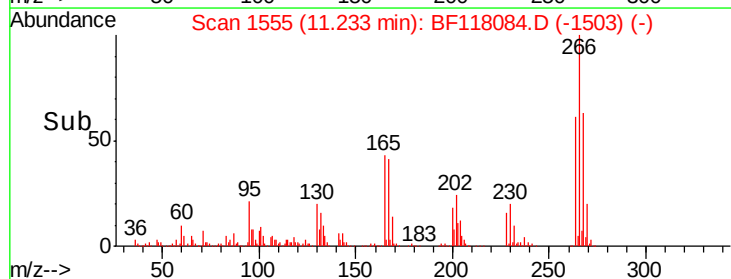
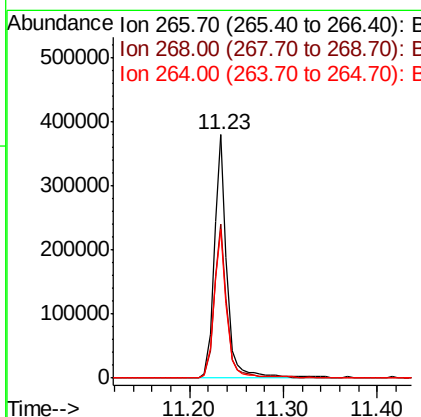
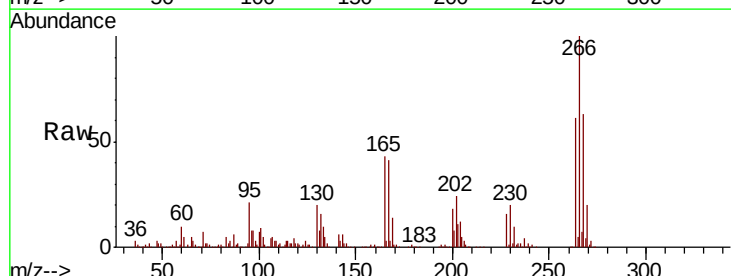
Instrument :
 BNA_F
 ClientSampleId :

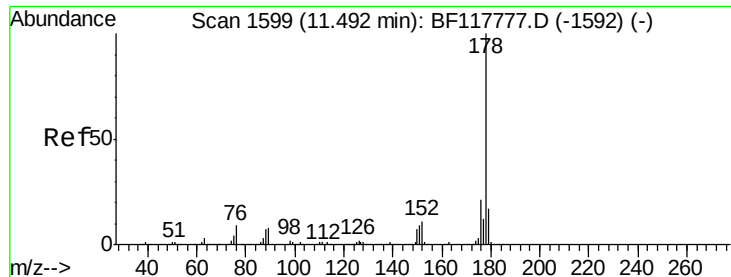
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.9	47.9
215	46.5	27.0	67.0



#70
 Pentachlorophenol
 Concen: 72.950 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.3	75.5
264	61.2	50.3	75.5

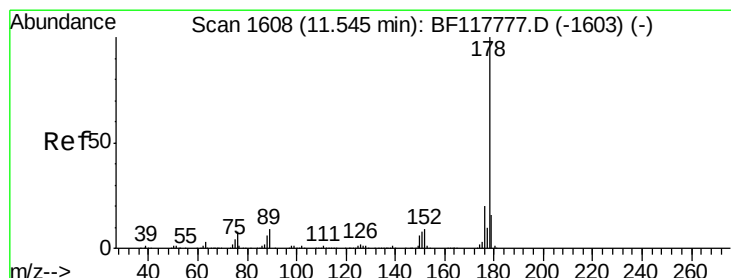
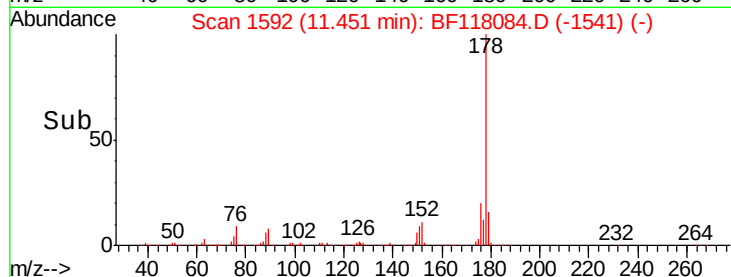
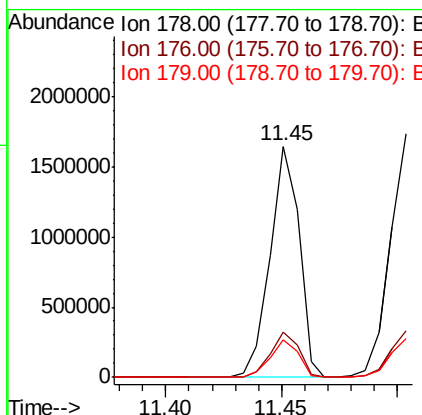
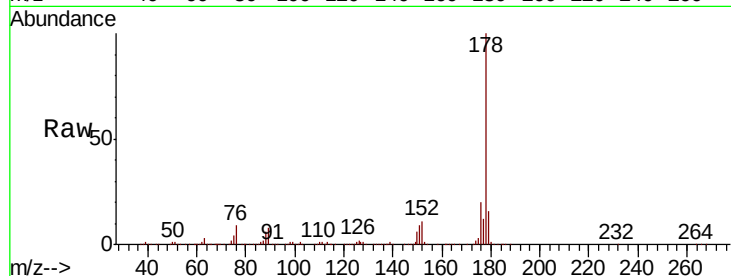




#71
 Phenanthrene
 Concen: 42.825 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

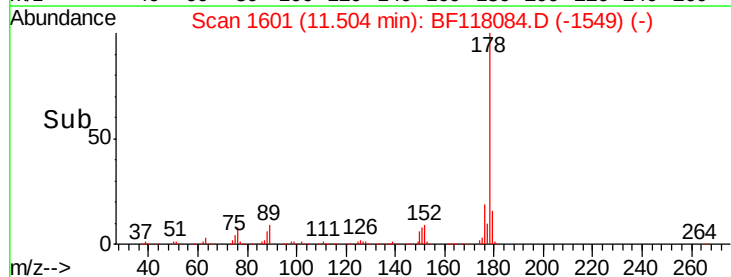
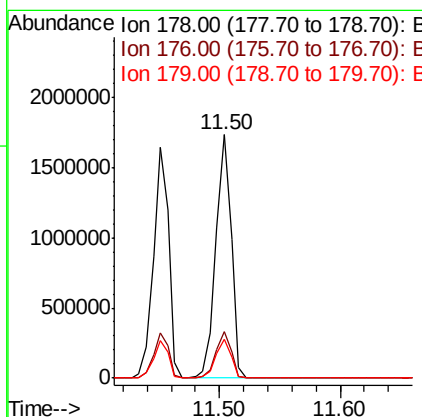
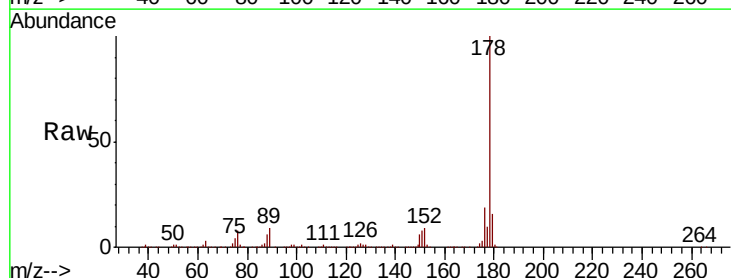
Instrument :
 BNA_F
 ClientSampleId :

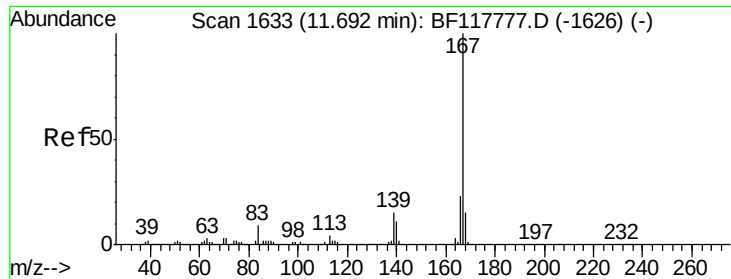
Tot Ion:178 Resp: 1448024
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 16.1 12.3 18.5



#72
 Anthracene
 Concen: 44.865 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion:178 Resp: 1504069
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.6
 179 15.9 12.8 19.2





#73

Carbazole

Concen: 46.871 ng

RT: 11.66 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

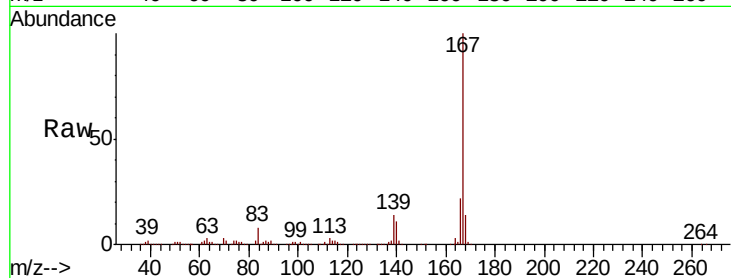
Tot Ion:167 Resp: 1373120

Ion Ratio Lower Upper

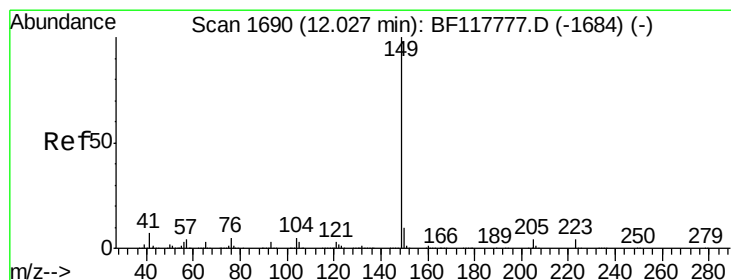
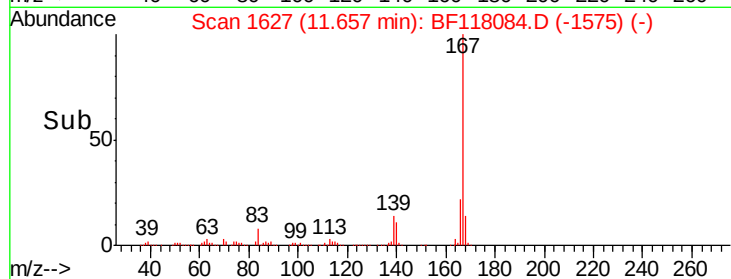
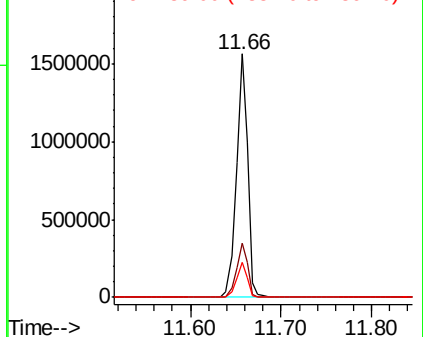
167 100

166 22.1 17.6 26.4

139 14.3 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: 48.575 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

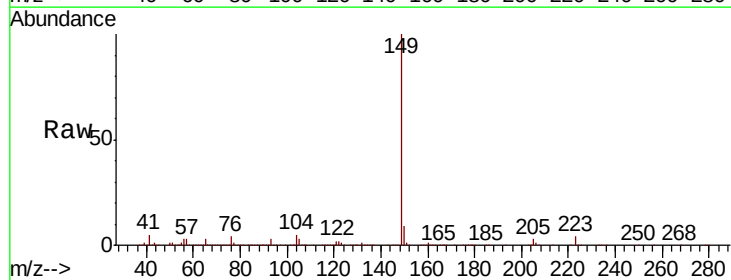
Tgt Ion:149 Resp: 1771809

Ion Ratio Lower Upper

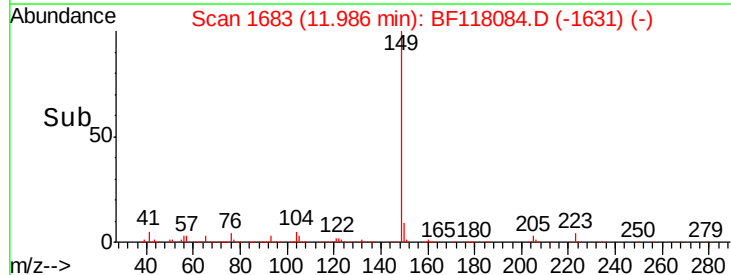
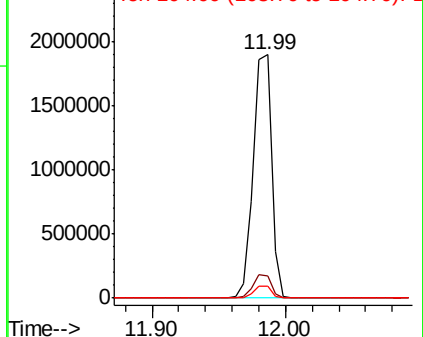
149 100

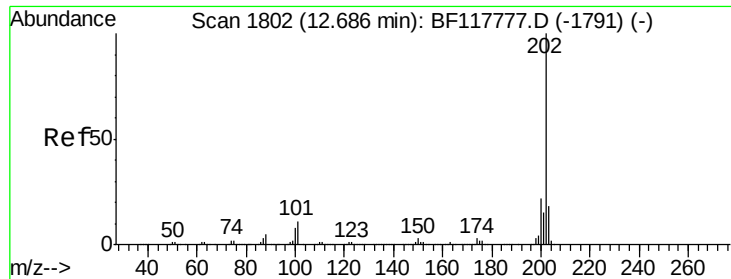
150 9.3 7.5 11.3

104 4.8 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: 58.313 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampled :

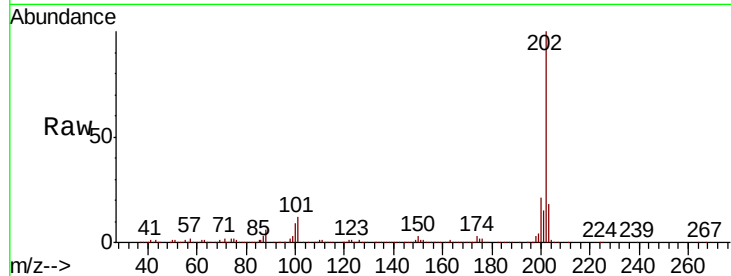
Tot Ion:202 Resp: 1726968

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.5

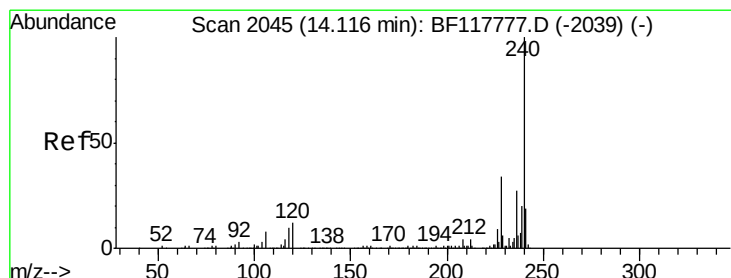
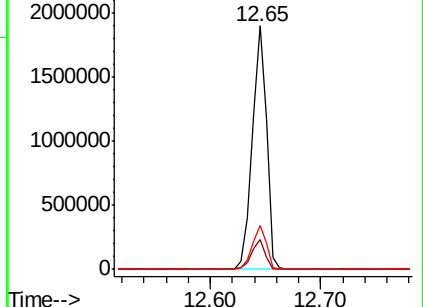
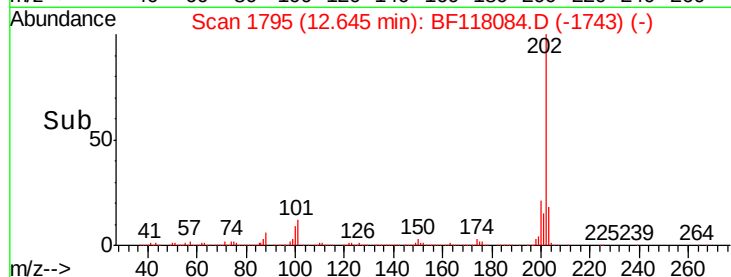
203 17.9 0.0 37.6



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: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

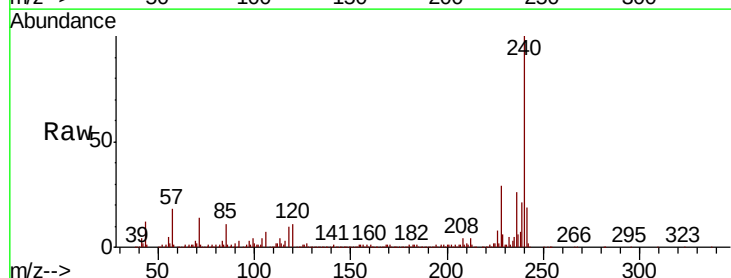
Tgt Ion:240 Resp: 553558

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

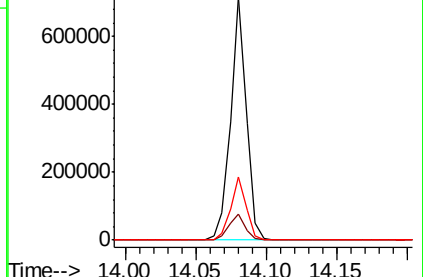
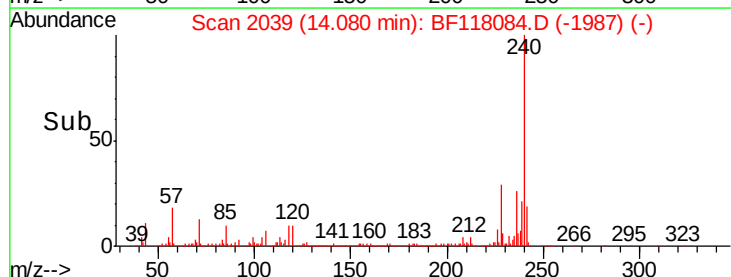
236 26.2 20.6 31.0

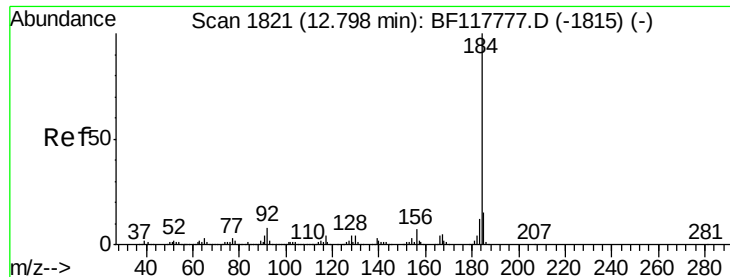


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

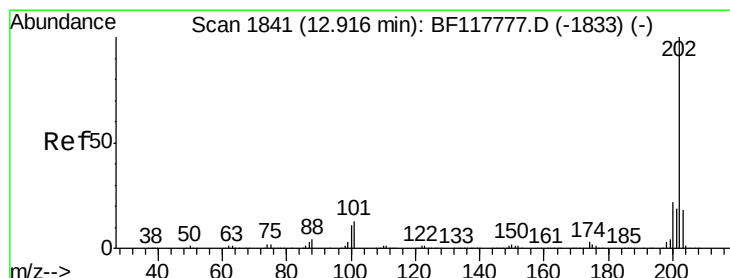
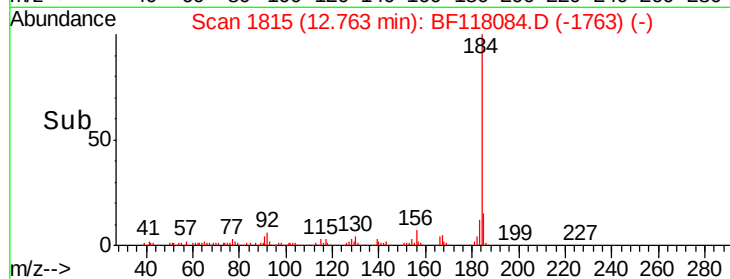
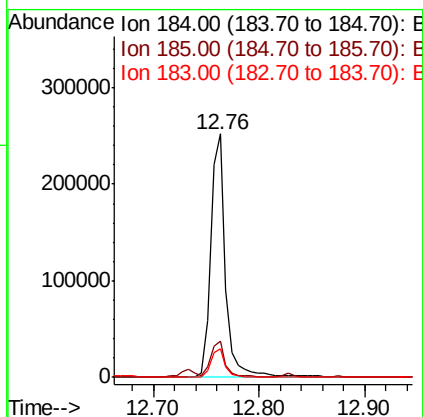
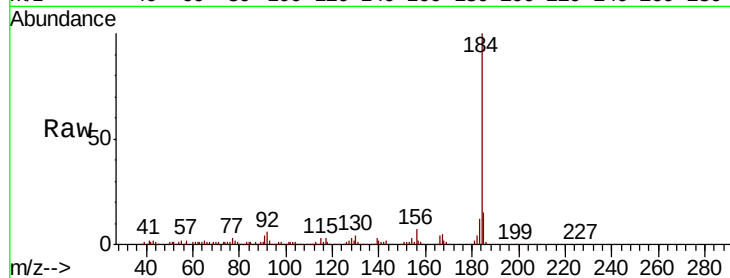




#77
Benzidine
Concen: 13.713 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

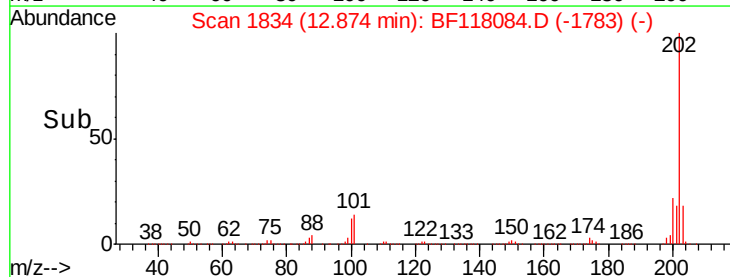
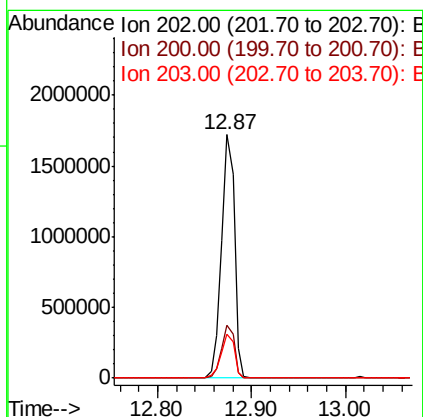
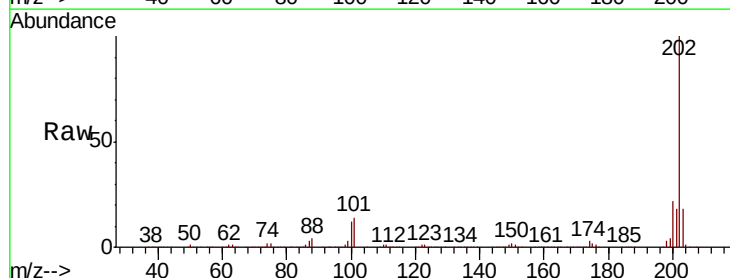
Instrument :
BNA_F
ClientSampleId :

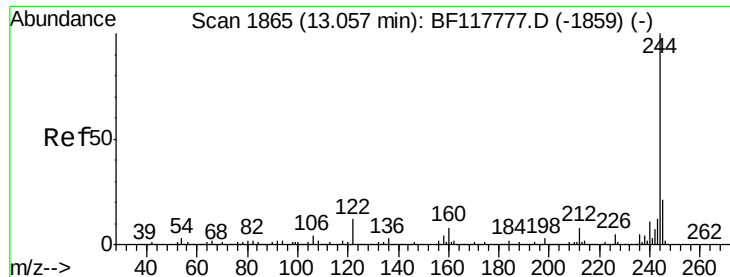
Tot Ion:184 Resp: 248642
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 11.6 9.7 14.5



#78
Pyrene
Concen: 37.344 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:202 Resp: 1670616
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 65.348 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

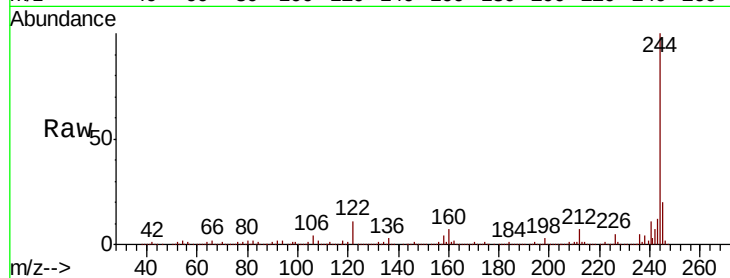
Tot Ion:244 Resp: 1979289

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	11.0	7.2	10.8

244 100

212 7.1 5.2 7.8

122 11.0 7.2 10.8

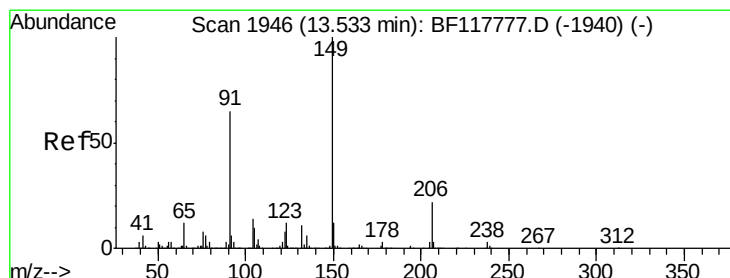
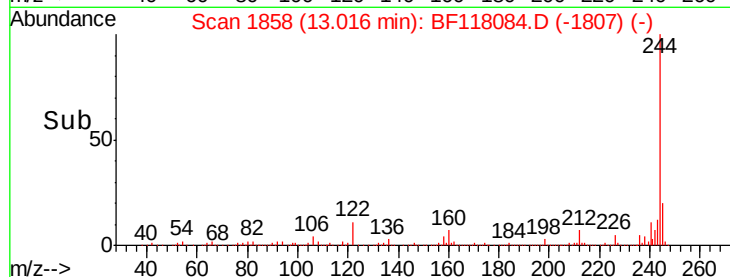
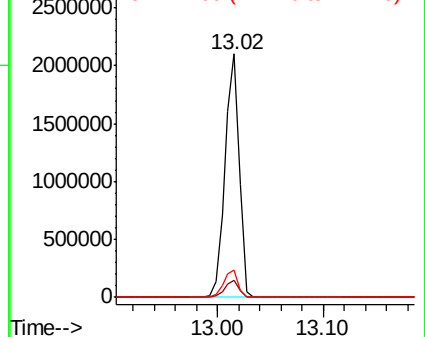


Abundance

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: 42.957 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

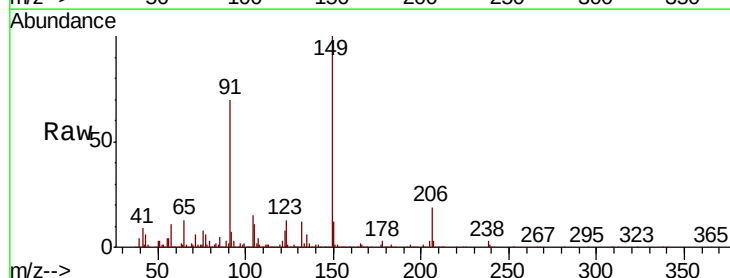
Tgt Ion:149 Resp: 825383

Ion	Ratio	Lower	Upper
149	100		
91	69.7	53.1	79.7
206	19.2	15.8	23.6

149 100

91 69.7 53.1 79.7

206 19.2 15.8 23.6

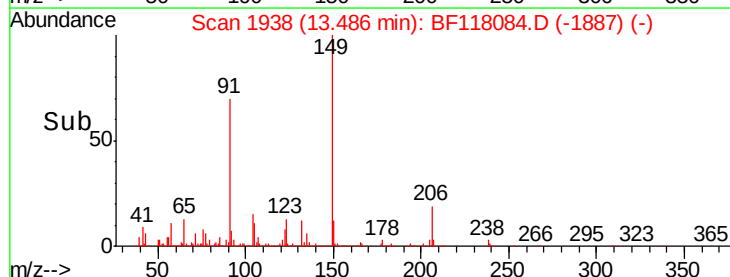
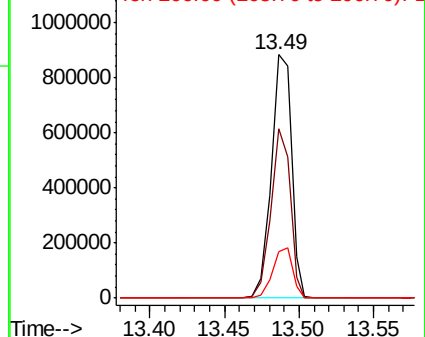


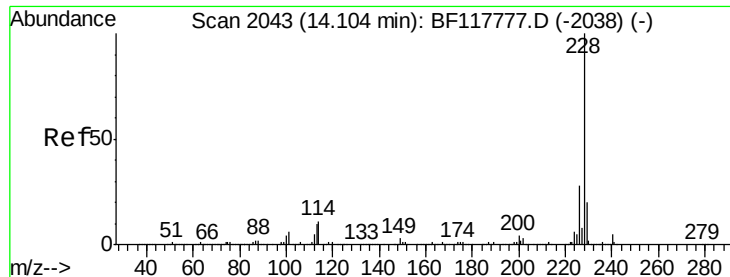
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

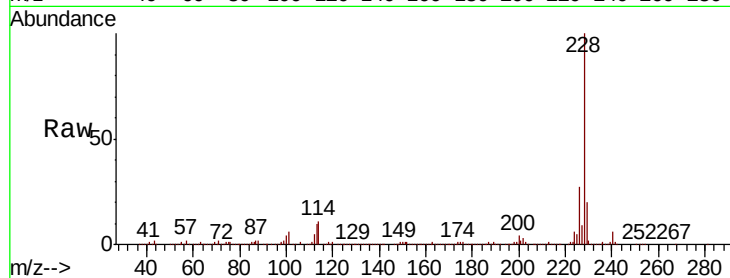




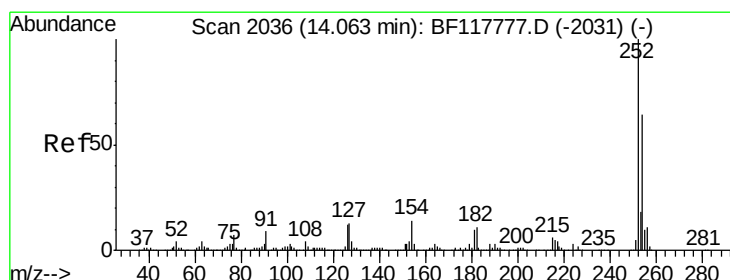
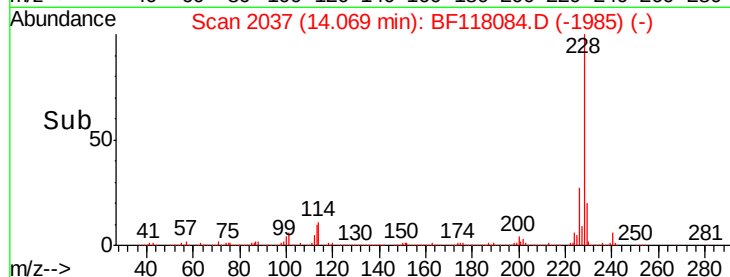
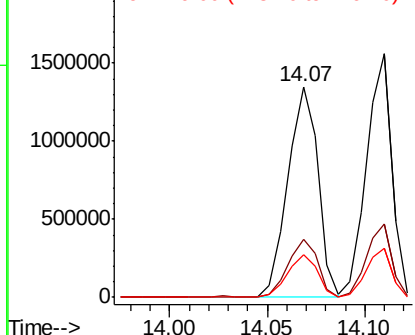
#81
Benzo(a)anthracene
Concen: 39.605 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1448764
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 20.5 16.2 24.2

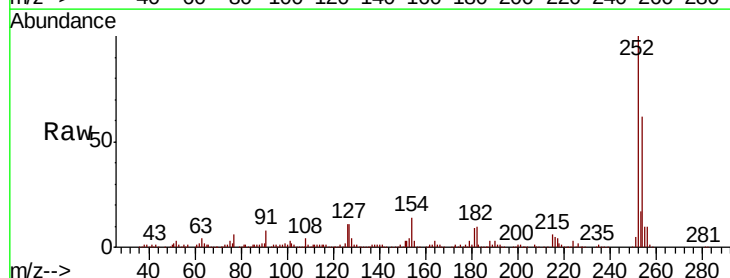


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

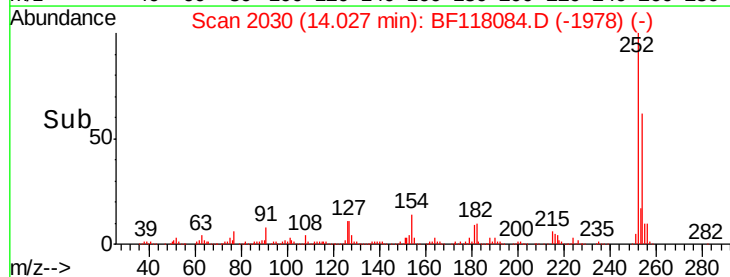
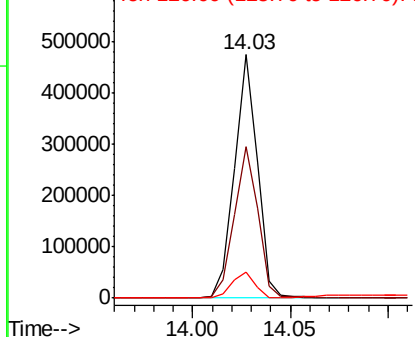


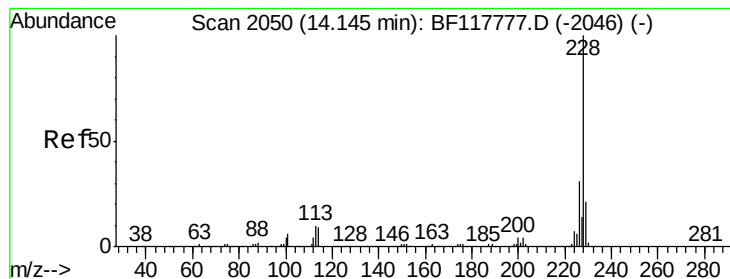
#82
3,3'-Dichlorobenzidine
Concen: 30.482 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:252 Resp: 390031
Ion Ratio Lower Upper
252 100
254 62.2 52.2 78.2
126 10.9 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.560 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

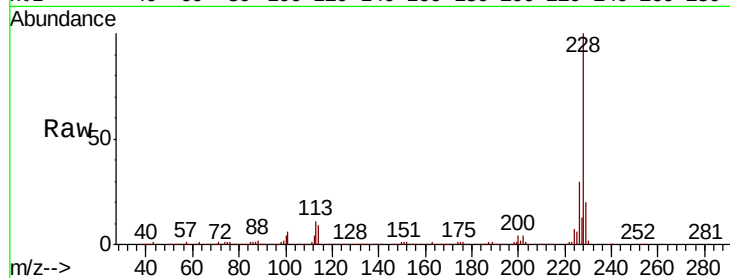
Tot Ion:228 Resp: 1402245

Ion Ratio Lower Upper

228 100

226 30.3 23.6 35.4

229 20.2 16.2 24.2

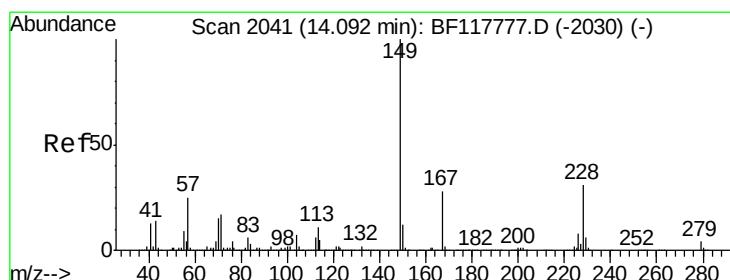
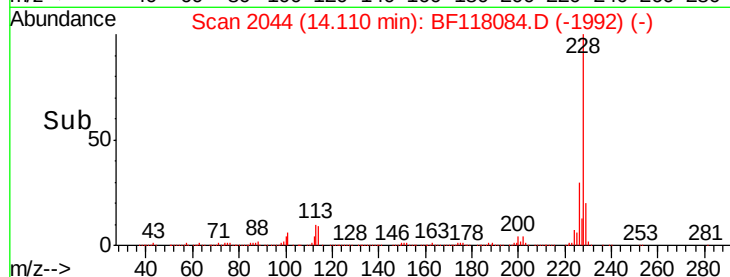
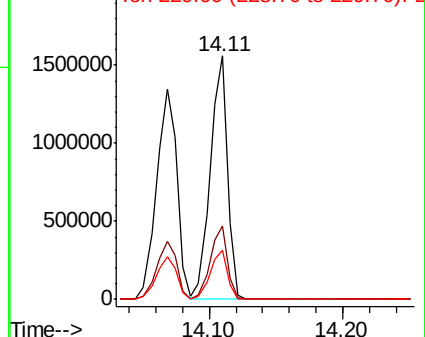


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.942 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

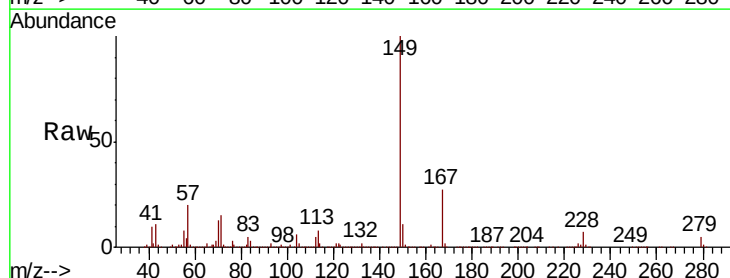
Tgt Ion:149 Resp: 1023607

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 4.9 3.4 5.0

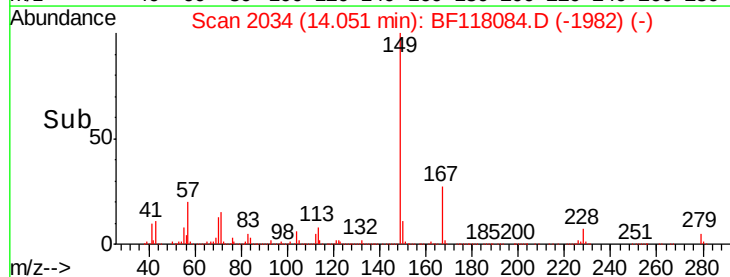
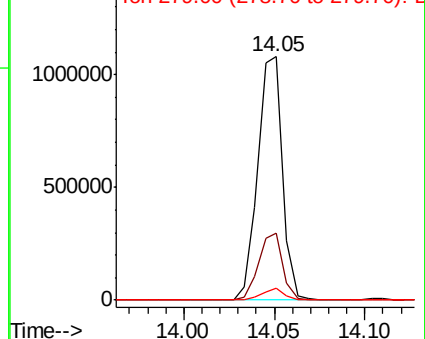


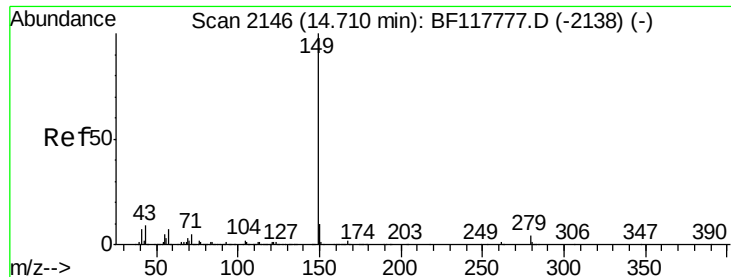
Abundance

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: 52.097 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampled :

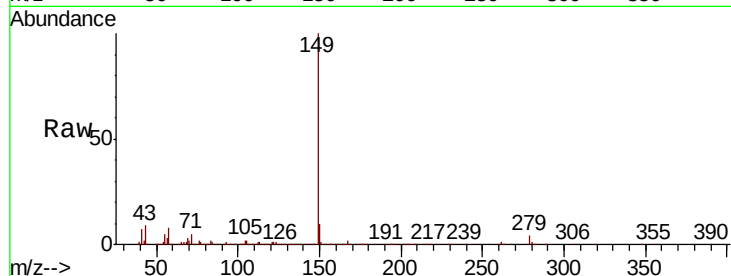
Tot Ion:149 Resp: 1782835

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

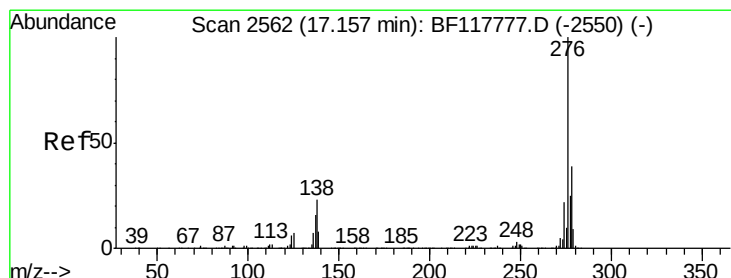
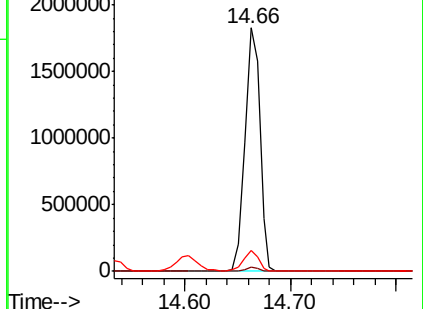
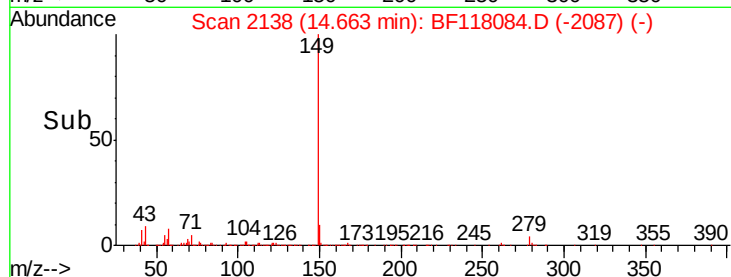
43 8.2 6.4 9.6



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: 39.851 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.02 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

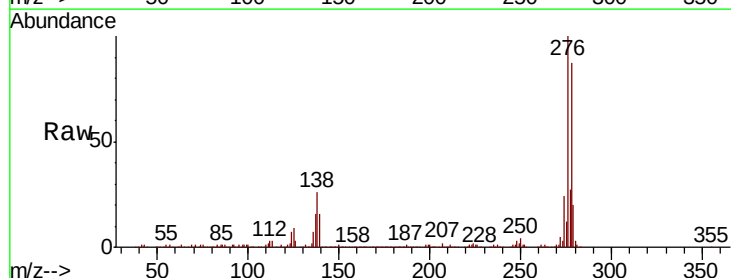
Tgt Ion:276 Resp: 1202225

Ion Ratio Lower Upper

276 100

138 25.3 19.0 28.6

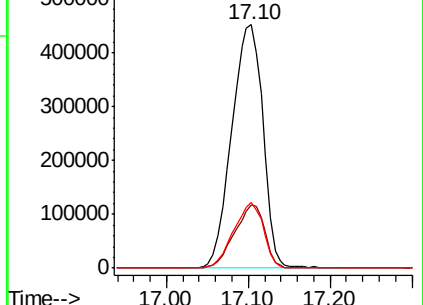
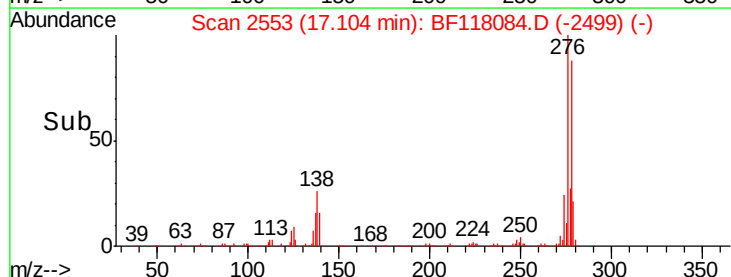
277 25.8 20.7 31.1

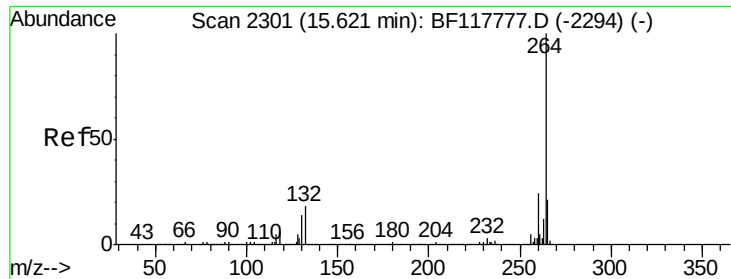


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

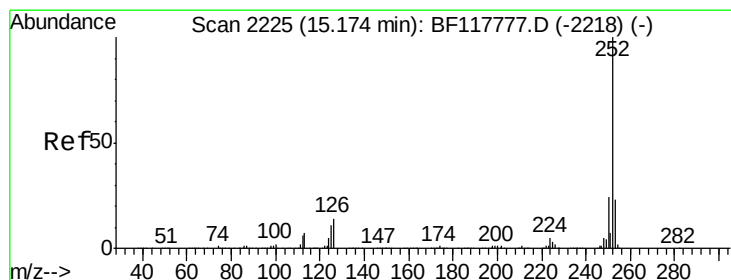
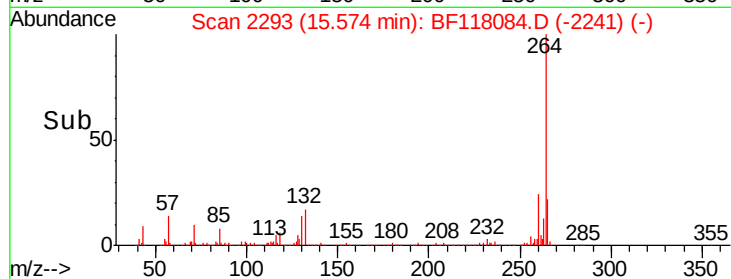
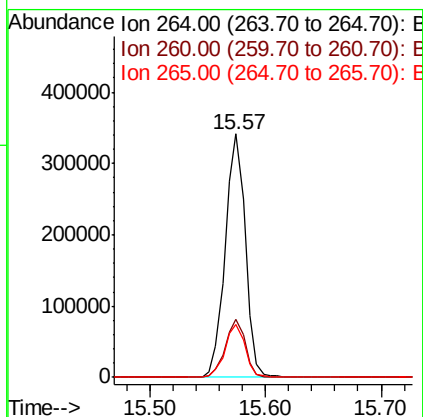
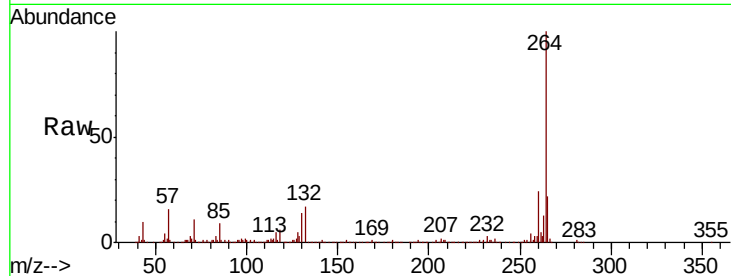




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

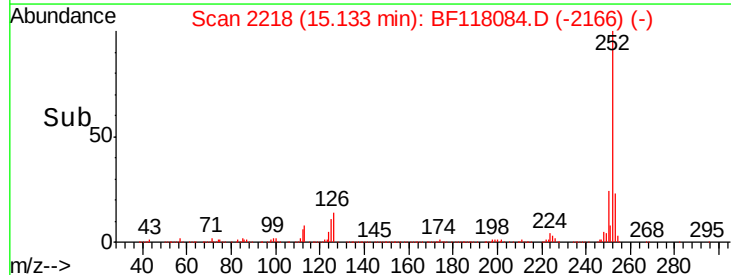
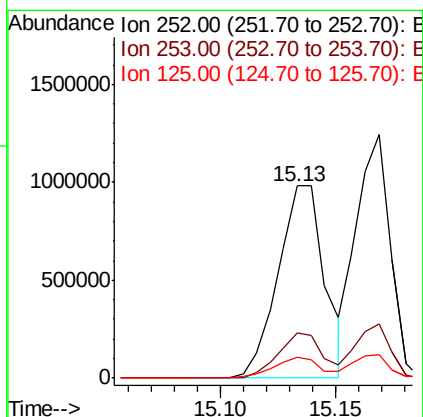
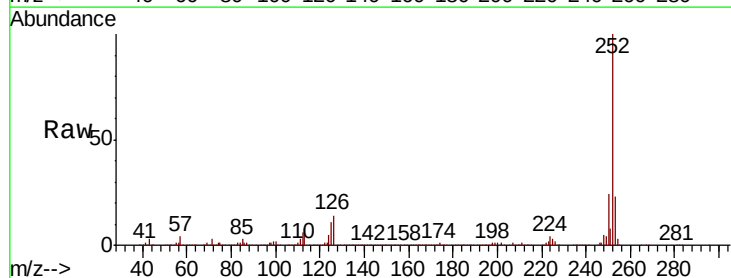
Instrument :
BNA_F
ClientSampleId :

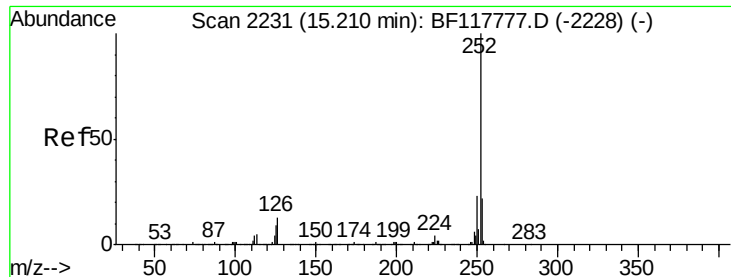
Tot Ion:264 Resp: 413403
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.9 16.4 24.6



#88
Benzo(b)fluoranthene
Concen: 51.262 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:252 Resp: 1376855
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 10.9 7.7 11.5

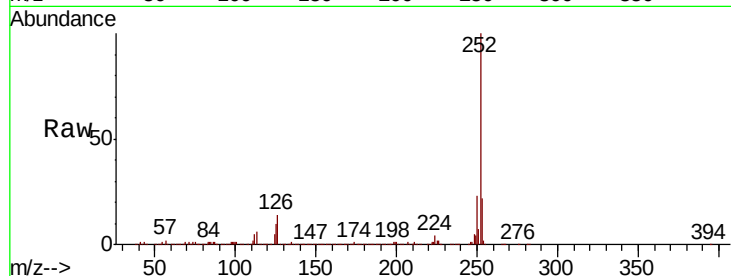




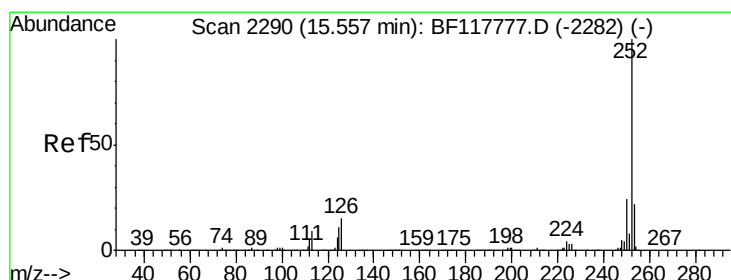
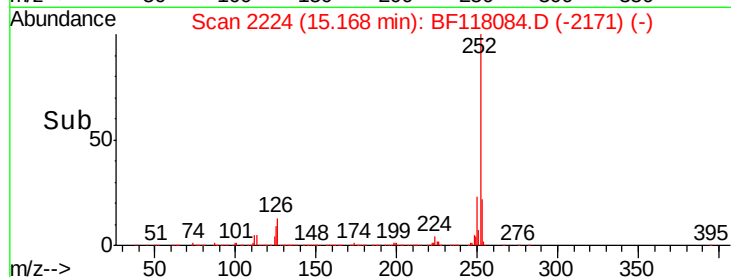
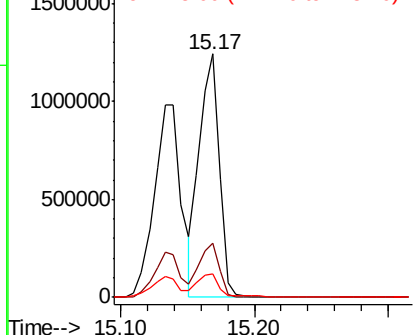
#89
Benzo(k)fluoranthene
Concen: 50.686 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1282719
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 9.8 8.5 12.7

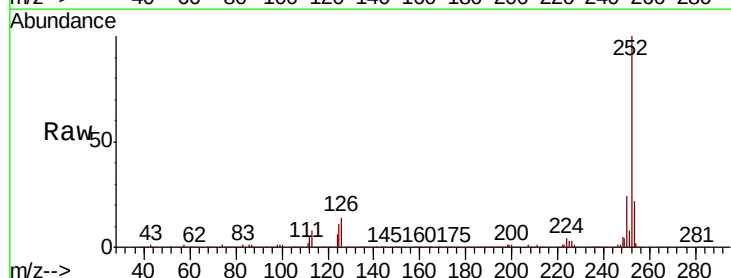


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

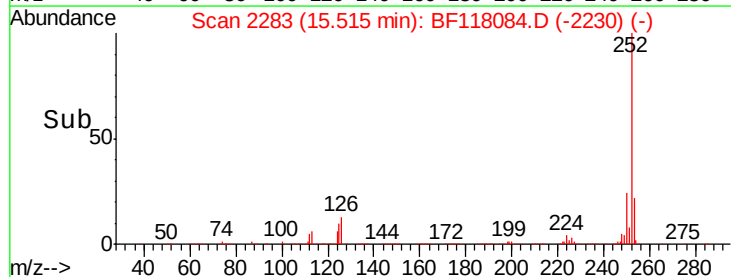
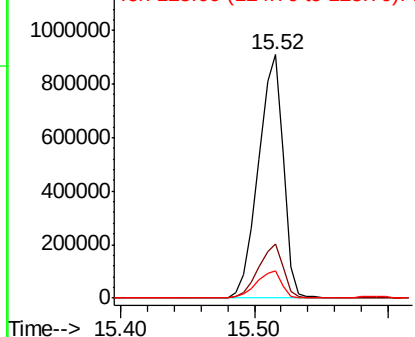


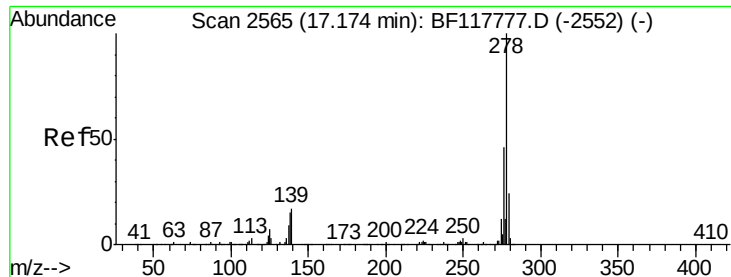
#90
Benzo(a)pyrene
Concen: 49.454 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:252 Resp: 1168021
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 11.0 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: 51.257 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.02 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

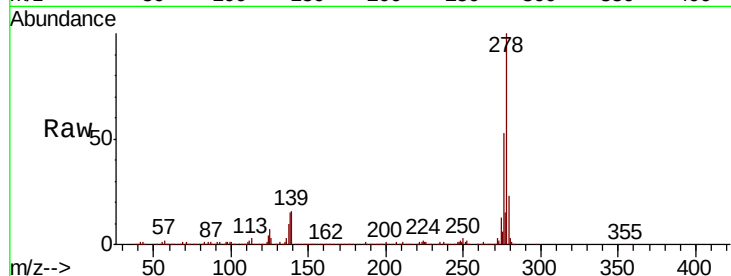
Tot Ion:278 Resp: 1041982

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.2	18.4
279	23.5	19.0	28.6

278 100

139 16.3 12.2 18.4

279 23.5 19.0 28.6

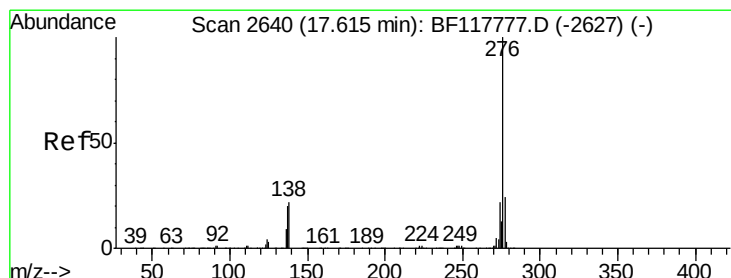
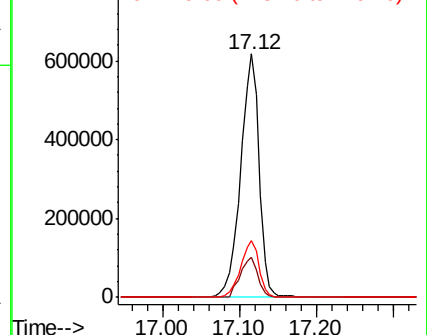
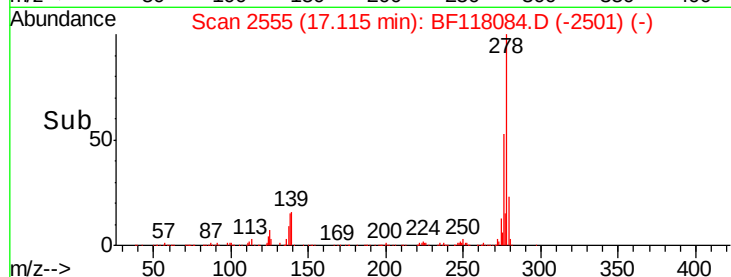


Abundance

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(g,h,i)perylene

Concen: 47.843 ng

RT: 17.56 min Scan# 2631

Delta R.T. 0.02 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

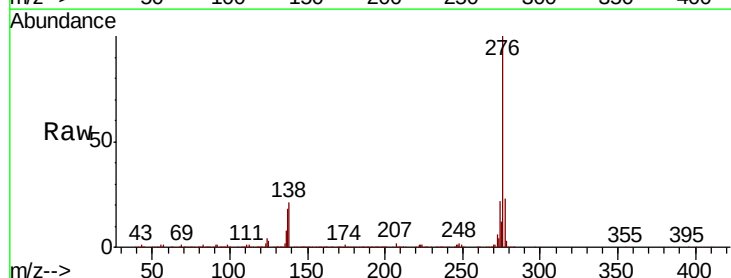
Tgt Ion:276 Resp: 968728

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.9	16.6	25.0

276 100

277 23.3 19.0 28.4

138 20.9 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

