

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115787.D
 Acq On : 26 Jul 2019 14:36
 Operator : HP/JU
 Sample : PB121741BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 18:00:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	165847	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	664467	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	339820	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	627893	20.00	ng	0.00
76) Chrysene-d12	14.03	240	411260	20.00	ng	0.00
87) Perylene-d12	15.50	264	306435	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	809672	79.86	ng	0.01
7) Phenol-d6	6.50	99	1036787	80.59	ng	0.00
23) Nitrobenzene-d5	7.43	82	972663	85.12	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	308718	77.83	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1781842	91.78	ng	0.00
79) Terphenyl-d14	12.97	244	1766178	79.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	182077	36.001	ng	100
3) Pyridine	3.51	79	455029	33.161	ng	99
4) n-Nitrosodimethylamine	3.46	42	206255	41.434	ng	97
6) Aniline	6.53	93	446192	24.921	ng	99
8) 2-Chlorophenol	6.66	128	467721	40.123	ng	99
9) Benzaldehyde	6.42	77	149700	18.620	ng	97
10) Phenol	6.52	94	594504	39.806	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	441017	38.785	ng	98
12) 1,3-Dichlorobenzene	6.81	146	486723	37.136	ng	98
13) 1,4-Dichlorobenzene	6.89	146	503530	38.505	ng	98
14) 1,2-Dichlorobenzene	7.05	146	456626	38.198	ng	99
15) Benzyl Alcohol	7.02	79	383321	37.559	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	604814	40.402	ng	98
17) 2-Methylphenol	7.13	107	408472	40.660	ng	98
18) Hexachloroethane	7.39	117	185278	38.172	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	329130	39.226	ng	99
20) 3+4-Methylphenols	7.27	107	465611	39.019	ng	96
22) Acetophenone	7.28	105	639088	42.574	ng	# 99
24) Nitrobenzene	7.45	77	515262	41.805	ng	97
25) Isophorone	7.69	82	955875	41.803	ng	99
26) 2-Nitrophenol	7.77	139	263728	41.570	ng	98
27) 2,4-Dimethylphenol	7.80	122	446815	47.071	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	588222	41.932	ng	99
29) 2,4-Dichlorophenol	8.01	162	420709	42.616	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	449746	40.303	ng	98
31) Naphthalene	8.17	128	1370675	42.594	ng	100
32) Benzoic acid	7.95	122	294538	37.809	ng	98
33) 4-Chloroaniline	8.22	127	359492	25.220	ng	98
34) Hexachlorobutadiene	8.29	225	252994	39.535	ng	98
35) Caprolactam	8.60	113	88448	28.994	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	436383	42.614	ng	97
37) 2-Methylnaphthalene	8.87	142	940640	44.097	ng	100
38) 1-Methylnaphthalene	8.96	142	874691	43.170	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	423912	41.425	ng	99

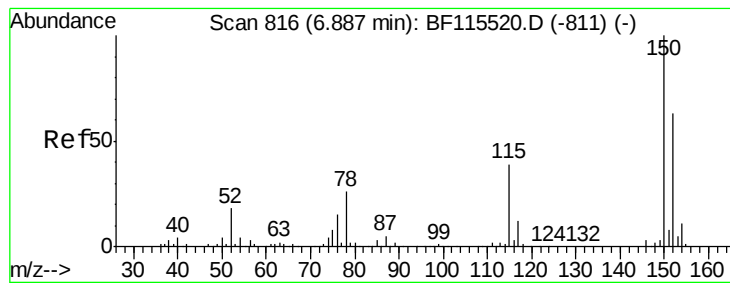
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115787.D
 Acq On : 26 Jul 2019 14:36
 Operator : HP/JU
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 BNA_F
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Quant Time: Jul 26 18:00:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	330056	56.542	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	288776	38.589	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	301607	39.355	ng	98
46) 1,1'-Biphenyl	9.33	154	1131697	42.598	ng	99
47) 2-Chloronaphthalene	9.36	162	890397	40.251	ng	100
48) 2-Nitroaniline	9.45	65	274763	40.131	ng	99
49) Acenaphthylene	9.77	152	1356973	41.399	ng	99
50) Dimethylphthalate	9.63	163	1058113	41.386	ng	99
51) 2,6-Dinitrotoluene	9.69	165	233649	40.213	ng	97
52) Acenaphthene	9.95	154	820423	38.769	ng	99
53) 3-Nitroaniline	9.86	138	174000	26.206	ng	96
54) 2,4-Dinitrophenol	9.97	184	219189	73.477	ng	93
55) Dibenzofuran	10.12	168	1217494	40.512	ng	100
56) 4-Nitrophenol	10.03	139	318830	62.971	ng	98
57) 2,4-Dinitrotoluene	10.10	165	304880	40.502	ng	97
58) Fluorene	10.46	166	904772	42.114	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	261173	40.767	ng	99
60) Diethylphthalate	10.33	149	1000398	41.761	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	463786	38.928	ng	98
62) 4-Nitroaniline	10.47	138	230784	36.236	ng	99
63) Azobenzene	10.61	77	1011547	43.534	ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	151668	39.536	ng	99
66) n-Nitrosodiphenylamine	10.57	169	820494	42.009	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	289696	40.374	ng	99
68) Hexachlorobenzene	11.01	284	320515	39.115	ng	# 89
69) Atrazine	11.09	200	263119	41.065	ng	100
70) Pentachlorophenol	11.20	266	342244	68.288	ng	100
71) Phenanthrene	11.42	178	1307497	40.624	ng	100
72) Anthracene	11.47	178	1354486	40.721	ng	100
73) Carbazole	11.62	167	1197267	41.047	ng	99
74) Di-n-butylphthalate	11.95	149	1506431	41.928	ng	100
75) Fluoranthene	12.61	202	1351219	39.729	ng	100
77) Benzidine	12.72	184	341960	23.472	ng	99
78) Pyrene	12.84	202	1353331	38.840	ng	99
80) Butylbenzylphthalate	13.44	149	617806	41.593	ng	99
81) Benzo(a)anthracene	14.02	228	1096051	40.454	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	316304	32.840	ng	99
83) Chrysene	14.06	228	1068738	39.294	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	851828	46.298	ng	99
85) Di-n-octyl phthalate	14.62	149	1381578	47.194	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	861055	37.263	ng	99
88) Benzo(b)fluoranthene	15.07	252	957702	48.536	ng	99
89) Benzo(k)fluoranthene	15.10	252	947106	53.837	ng	99
90) Benzo(a)pyrene	15.44	252	877792	51.759	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	744697	50.018	ng	99
92) Benzo(g,h,i)perylene	17.42	276	690570	46.507	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

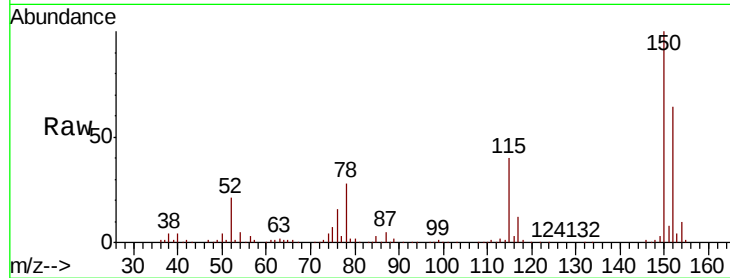
Tot Ion:152 Resp: 165847

Ion Ratio Lower Upper

152 100

150 155.5 126.6 189.8

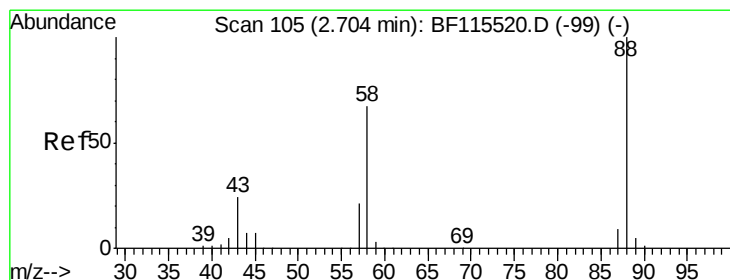
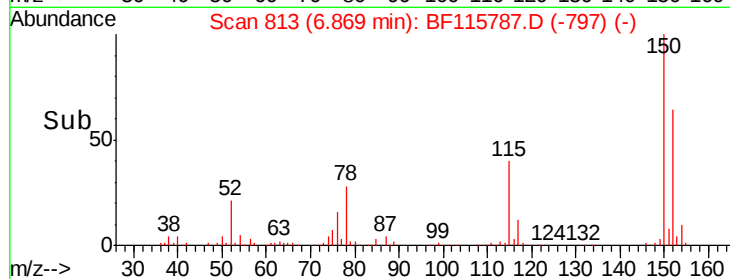
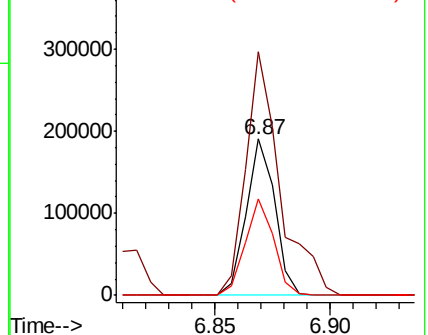
115 61.7 47.8 71.6



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: 36.001 ng

RT: 2.77 min Scan# 116

Delta R.T. 0.12 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

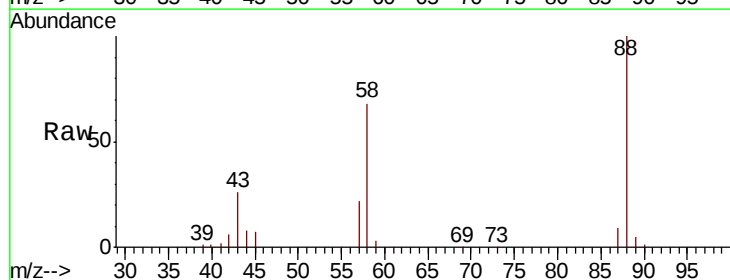
Tgt Ion: 88 Resp: 182077

Ion Ratio Lower Upper

88 100

58 67.9 54.2 81.4

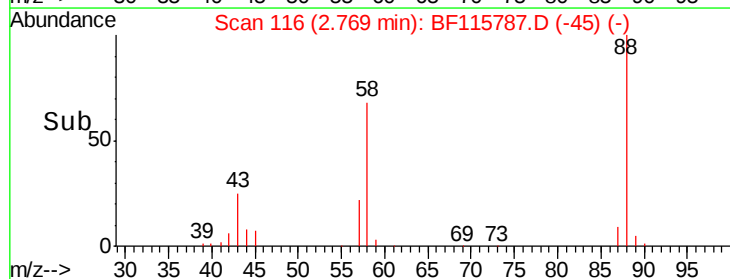
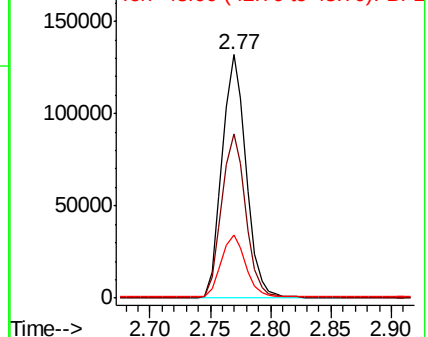
43 25.8 20.8 31.2

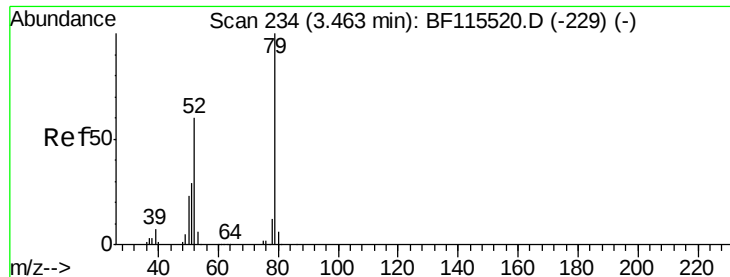


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

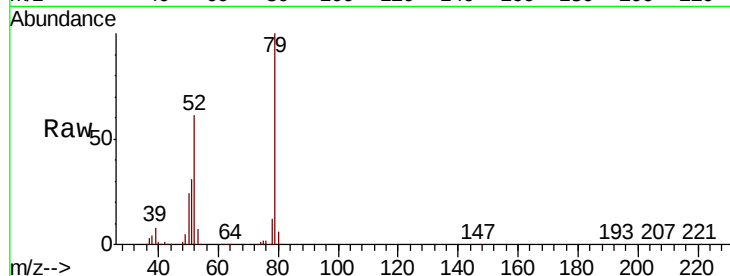




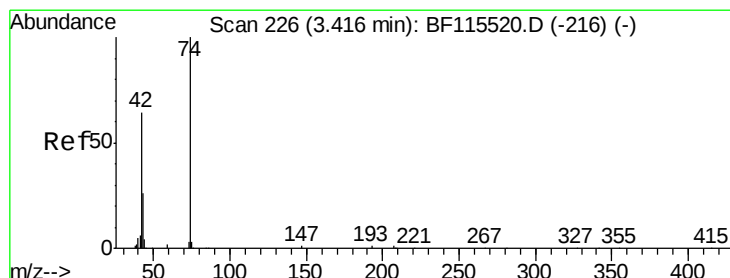
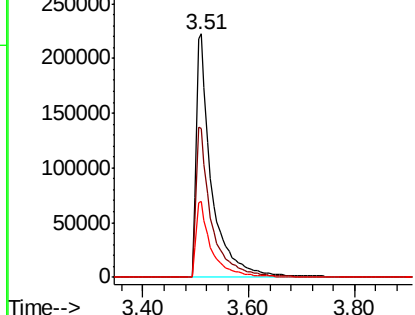
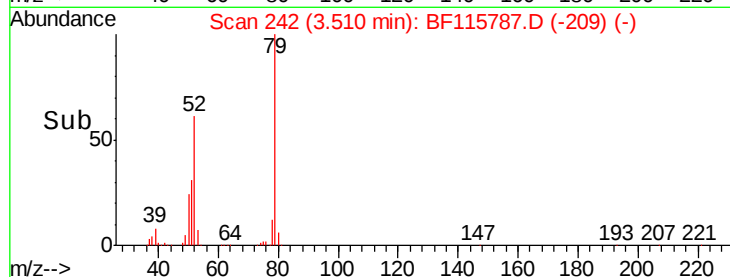
#3
 Pvrindine
 Concen: 33.161 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.09 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 455029
 Ion Ratio Lower Upper
 79 100
 52 61.3 48.4 72.6
 51 31.2 24.8 37.2

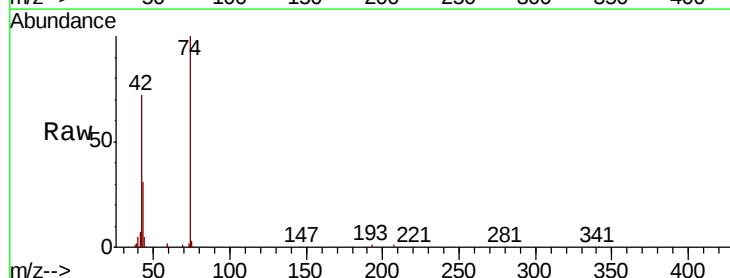


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

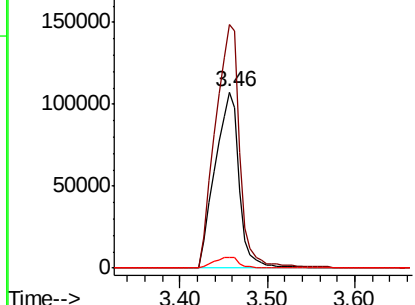
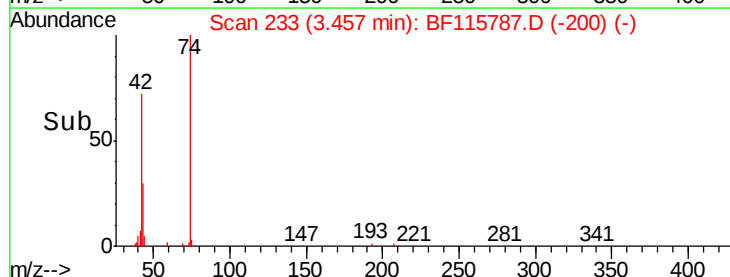


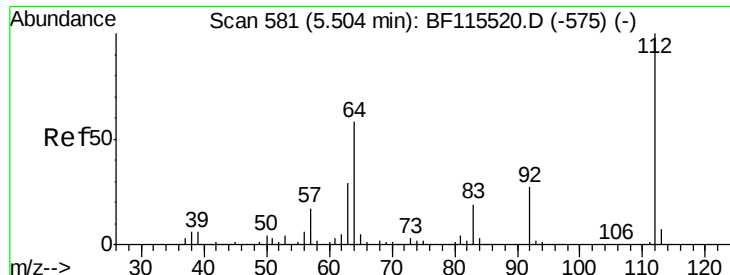
#4
 n-Nitrosodimethylamine
 Concen: 41.434 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.09 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion: 42 Resp: 206255
 Ion Ratio Lower Upper
 42 100
 74 138.4 113.4 170.0
 44 6.4 5.1 7.7



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





#5

2-Fluorophenol

Concen: 79.856 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

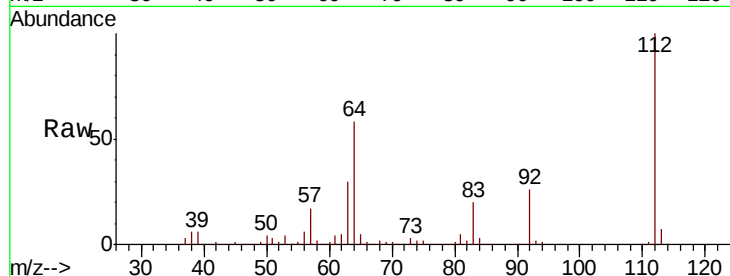
Tot Ion: 112 Resp: 809672

Ion Ratio Lower Upper

112 100

64 57.8 45.8 68.8

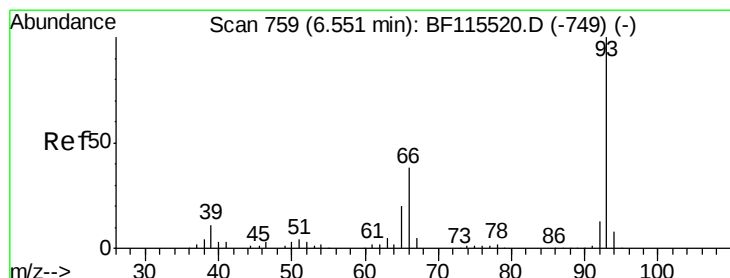
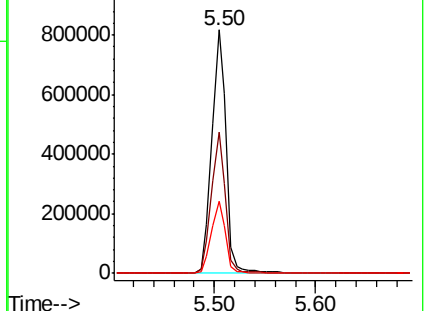
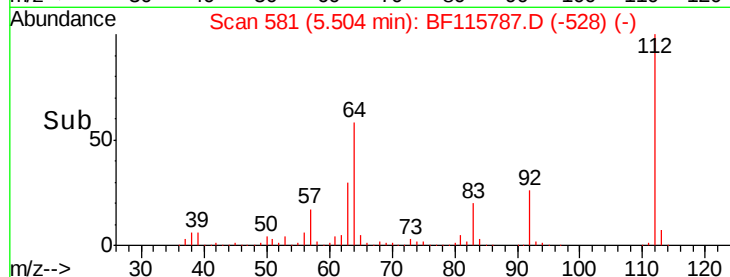
63 29.8 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.921 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

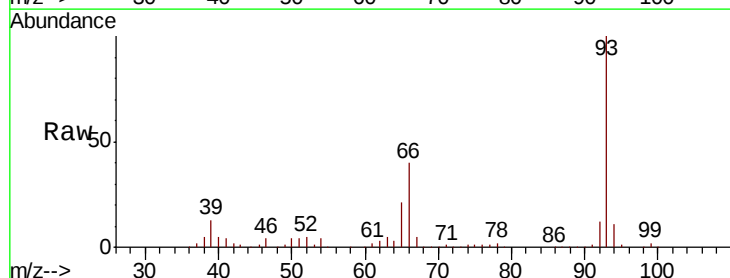
Tgt Ion: 93 Resp: 446192

Ion Ratio Lower Upper

93 100

66 39.7 32.2 48.2

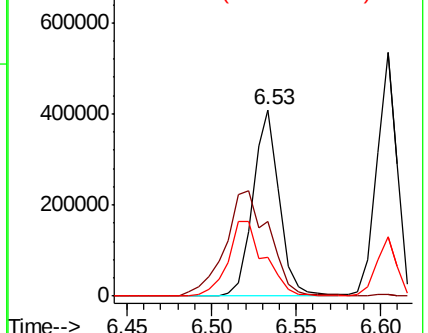
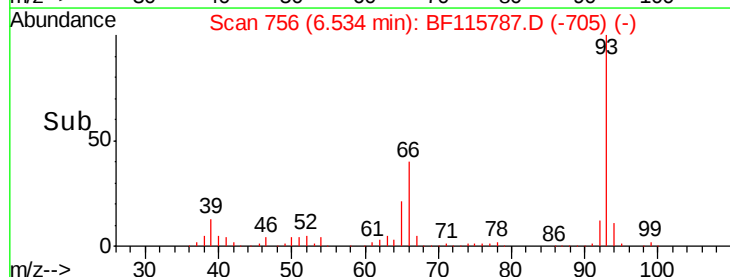
65 20.8 16.5 24.7

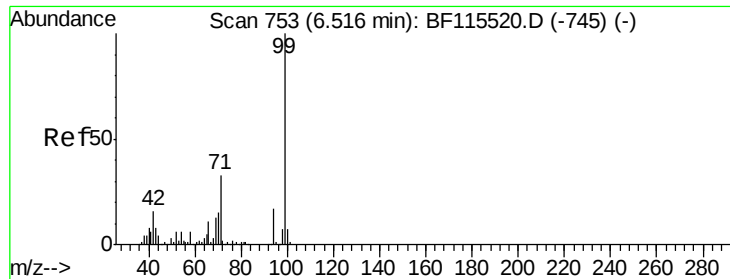


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.587 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

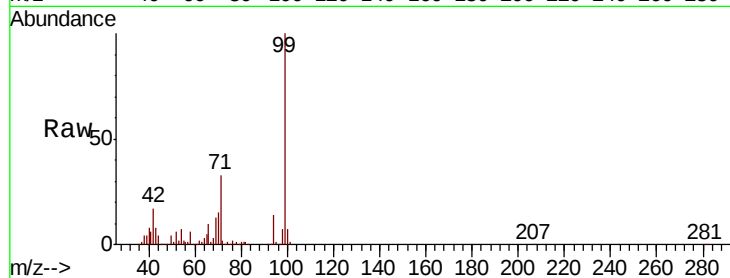
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1036787

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.4	20.2
71	33.2	26.7	40.1

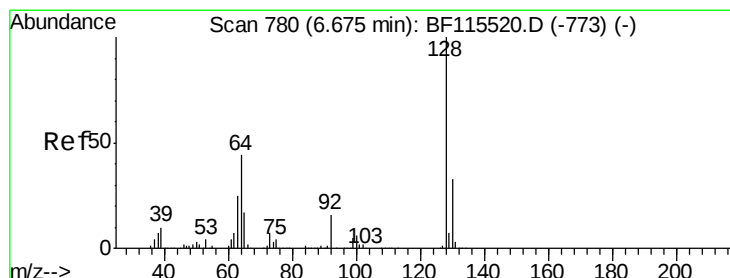
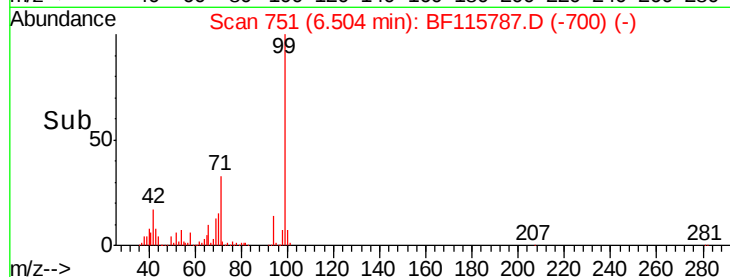
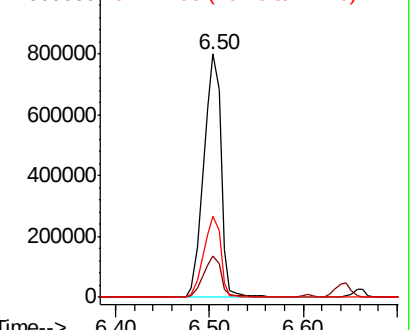


Abundance

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: 40.123 ng

RT: 6.66 min Scan# 778

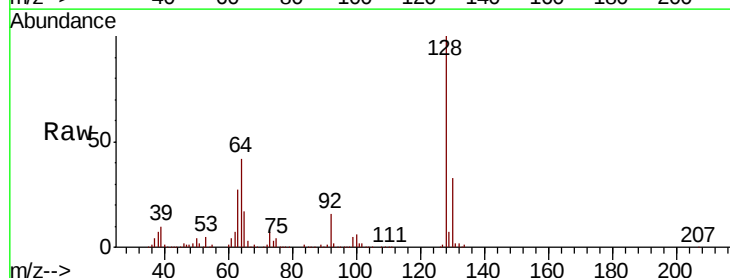
Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Tgt Ion: 128 Resp: 467721

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.8	53.8
64	41.9	22.4	62.4

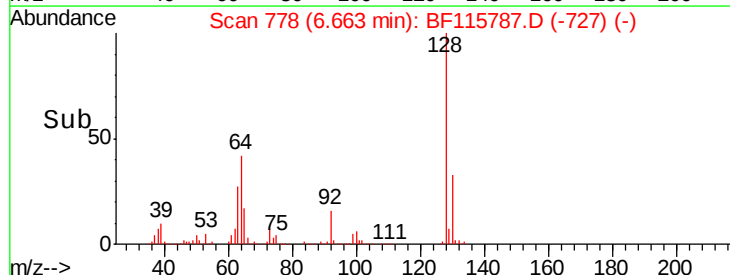
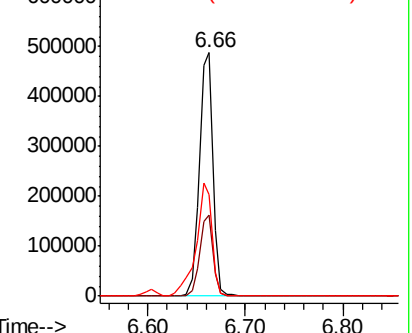


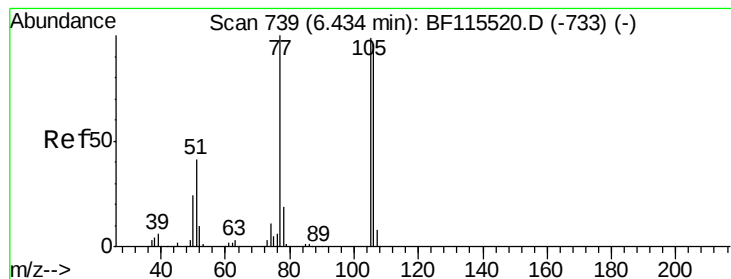
Abundance

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: 18.620 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

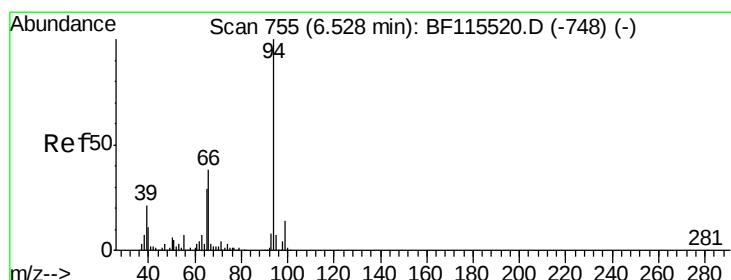
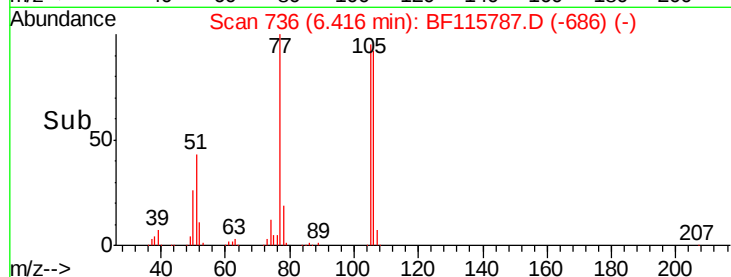
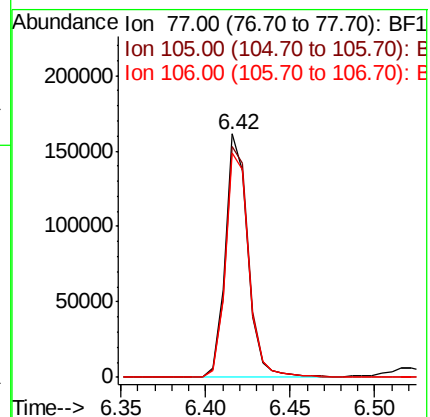
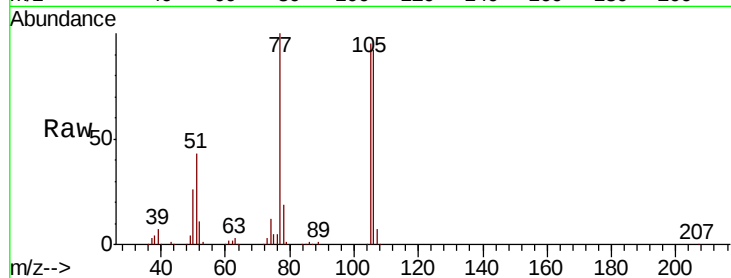
Tot Ion: 77 Resp: 149700

Ion Ratio Lower Upper

77 100

105 94.6 77.5 117.5

106 92.2 74.7 114.7



#10

Phenol

Concen: 39.806 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

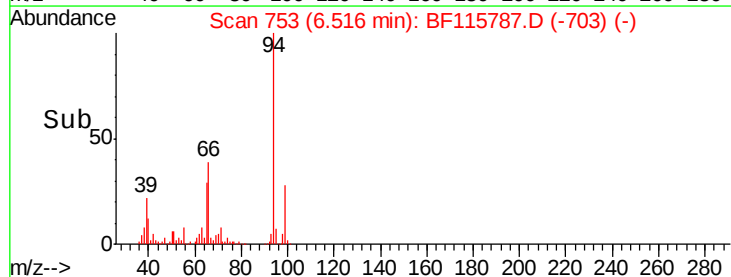
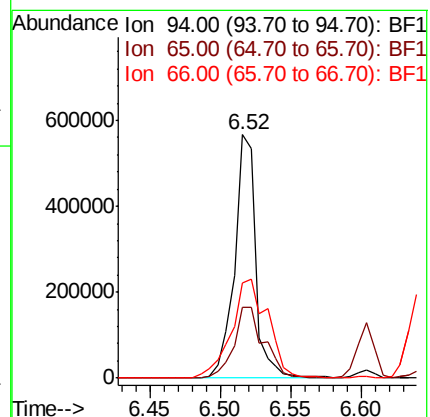
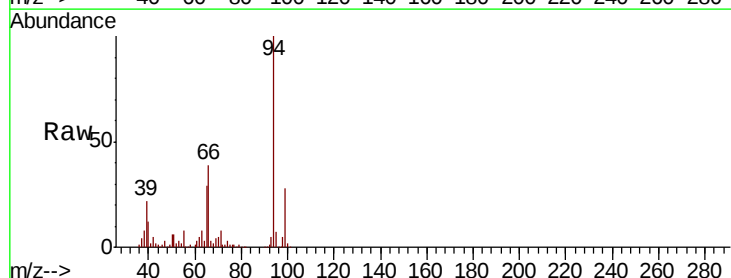
Tgt Ion: 94 Resp: 594504

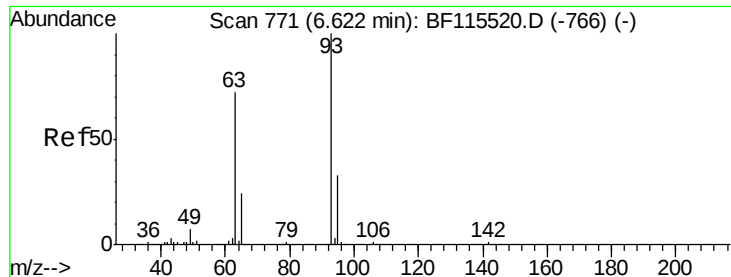
Ion Ratio Lower Upper

94 100

65 29.1 11.2 51.2

66 39.1 24.4 64.4

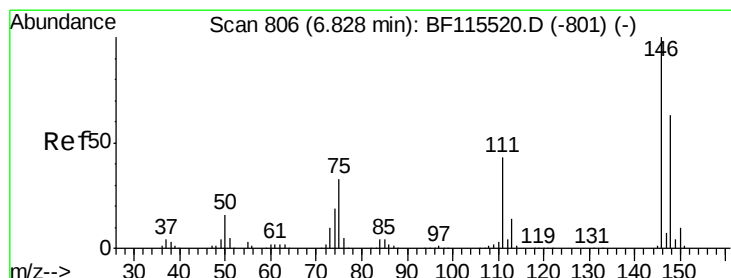
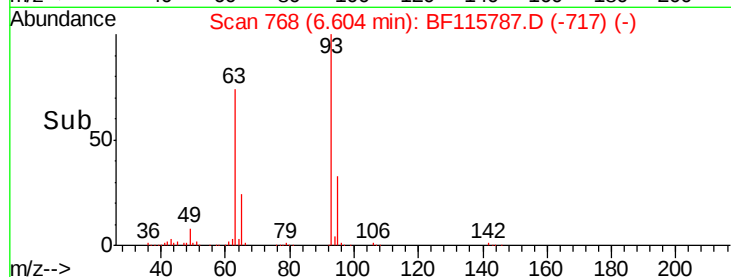
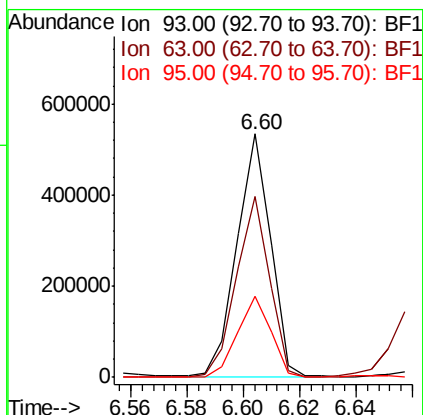
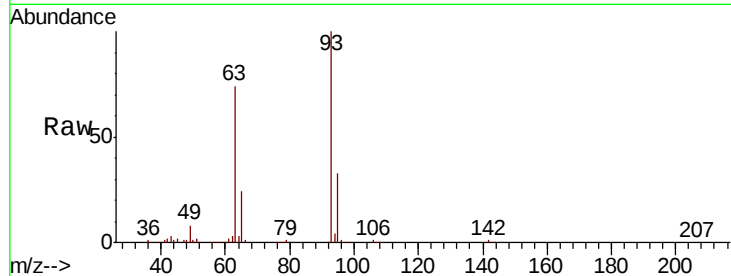




#11
bis(2-Chloroethyl)ether
Concen: 38.785 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

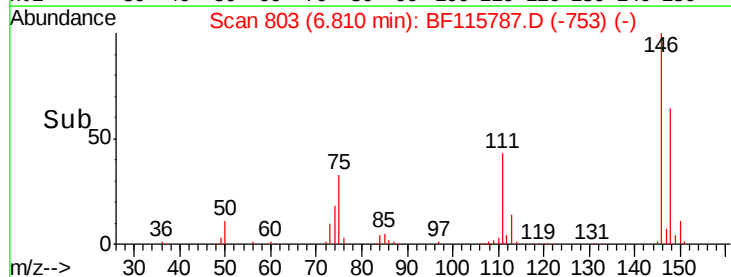
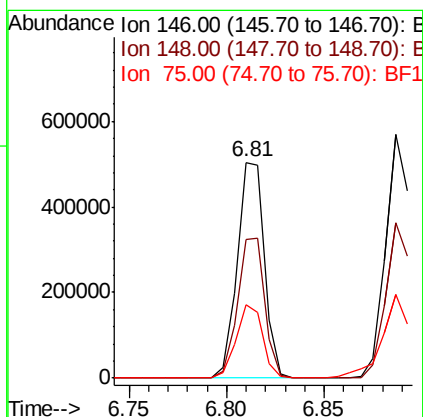
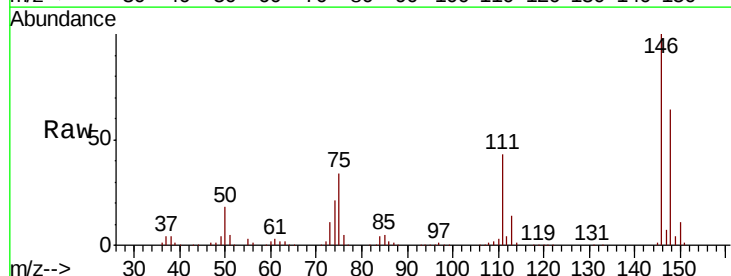
Instrument :
BNA_F
ClientSampleId :

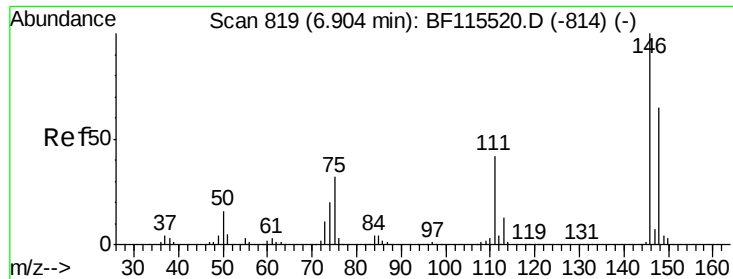
Tot Ion	93	Resp	441017
Ion	Ratio	Lower	Upper
93	100		
63	74.3	56.2	96.2
95	33.1	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 37.136 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	146	Resp	486723
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	34.3	25.3	37.9

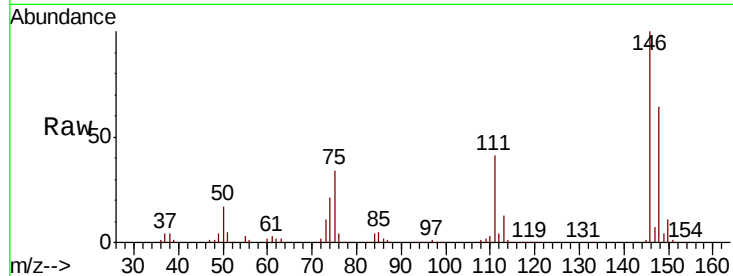




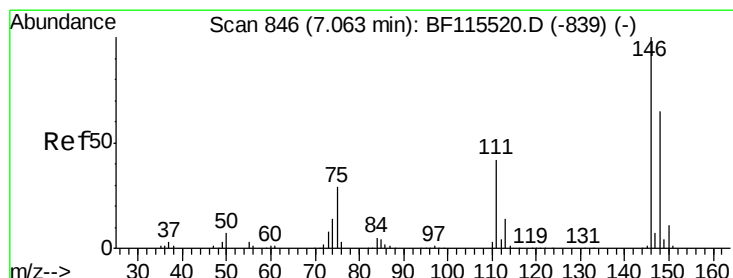
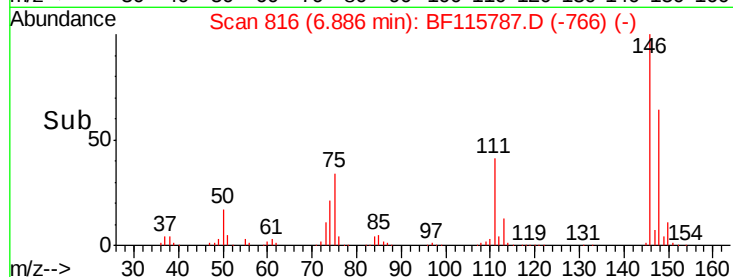
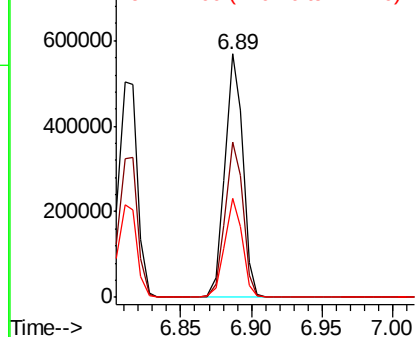
#13
 1,4-Dichlorobenzene
 Concen: 38.505 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 503530
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.7 79.1
 111 40.9 32.2 48.4

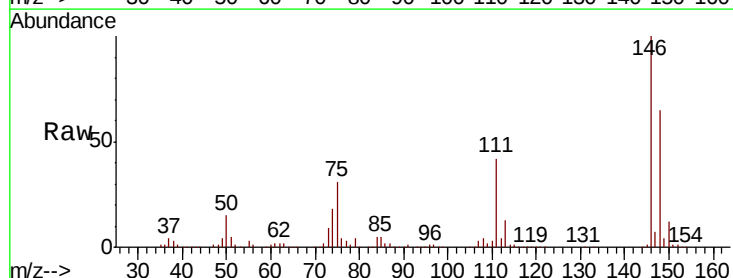


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

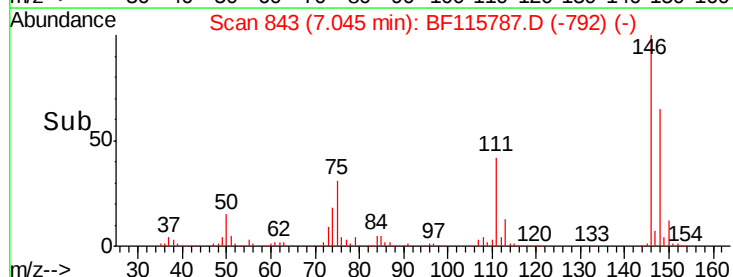
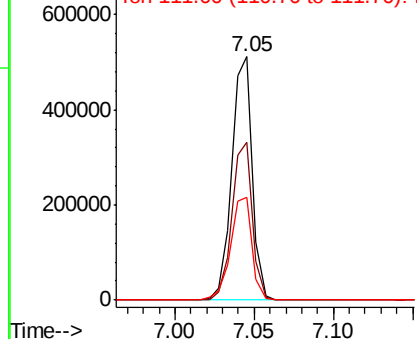


#14
 1,2-Dichlorobenzene
 Concen: 38.198 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion:146 Resp: 456626
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.8
 111 42.1 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 37.559 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampled :

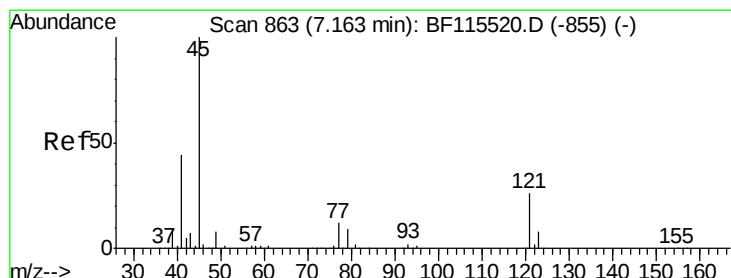
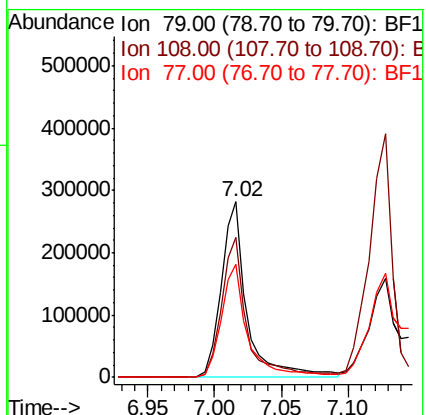
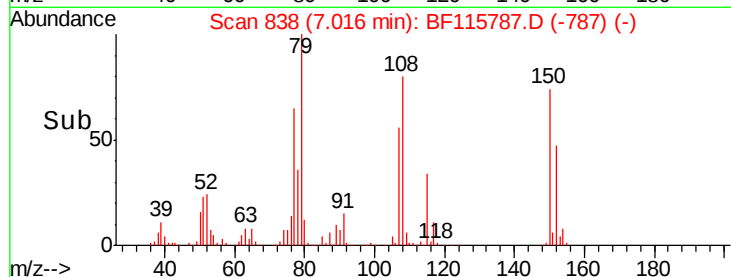
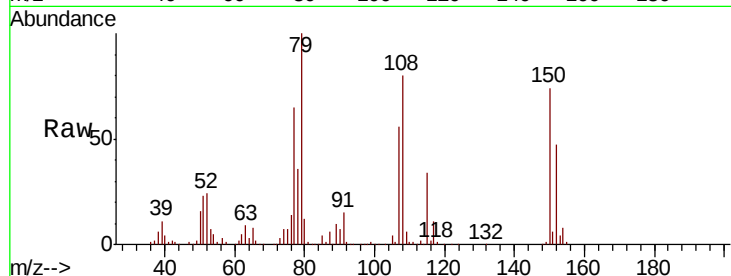
Tot Ion: 79 Resp: 383321

Ion Ratio Lower Upper

79 100

108 79.8 65.4 98.2

77 64.6 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.402 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

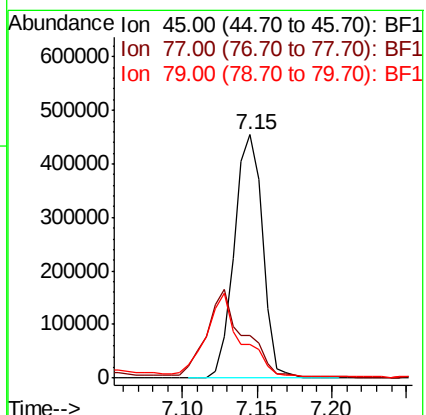
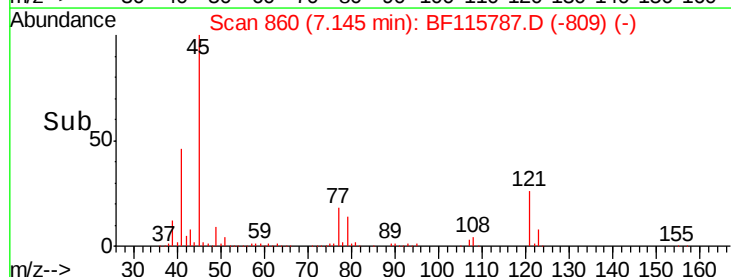
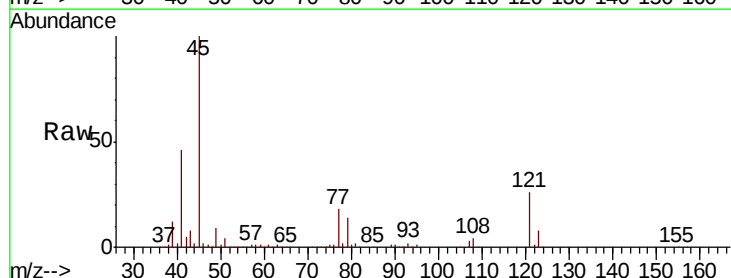
Tgt Ion: 45 Resp: 604814

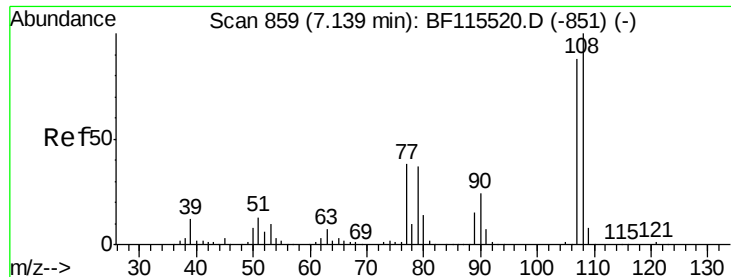
Ion Ratio Lower Upper

45 100

77 17.5 0.0 36.8

79 14.0 0.0 33.1

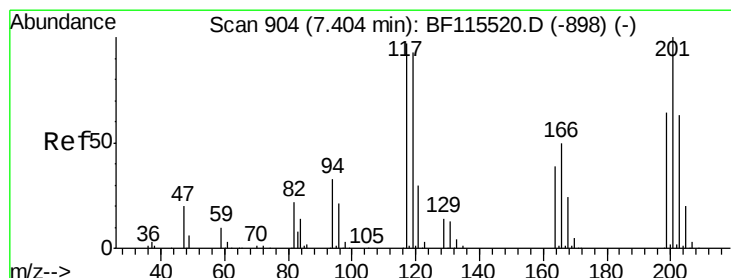
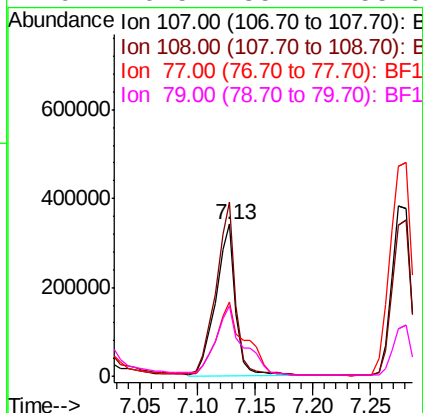
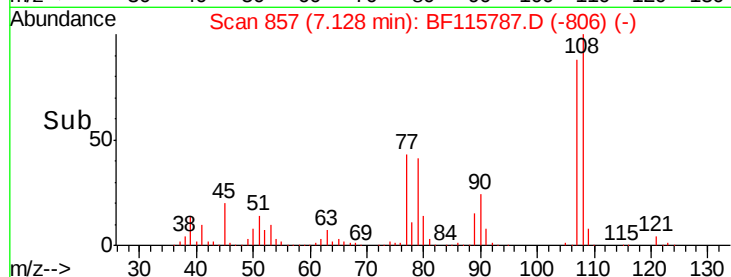
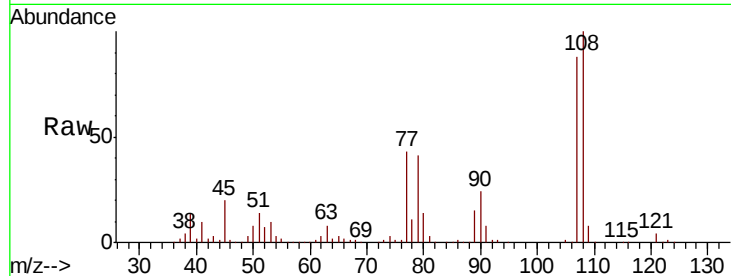




#17
2-Methylphenol
Concen: 40.660 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

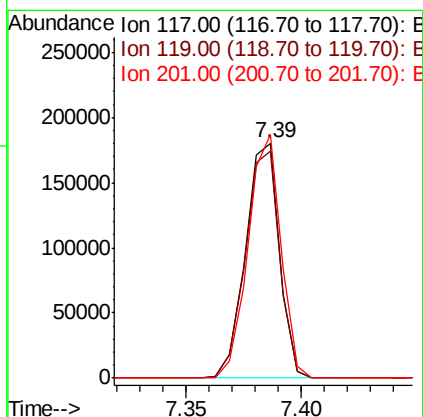
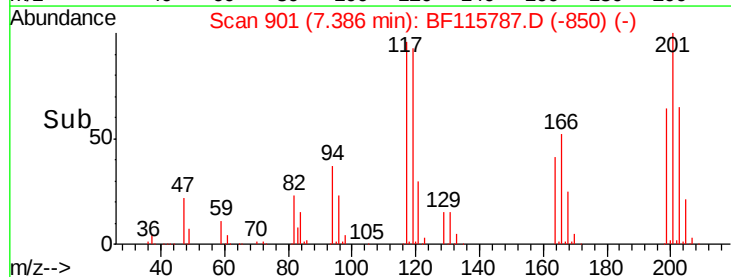
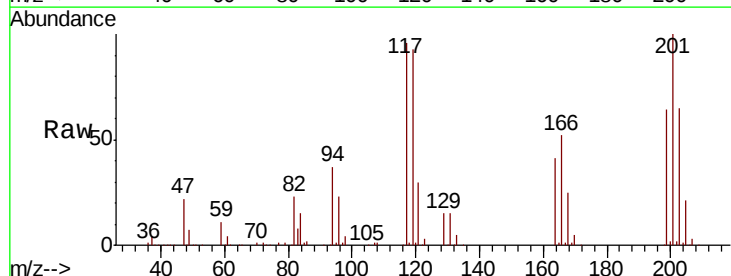
Instrument :
BNA_F
ClientSampleId :

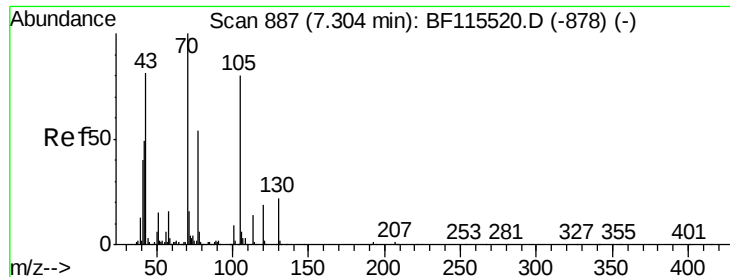
Tot Ion:107 Resp: 408472
Ion Ratio Lower Upper
107 100
108 114.1 91.3 136.9
77 48.7 36.9 55.3
79 46.5 35.4 53.0



#18
Hexachloroethane
Concen: 38.172 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:117 Resp: 185278
Ion Ratio Lower Upper
117 100
119 96.8 74.8 112.2
201 103.7 77.6 116.4

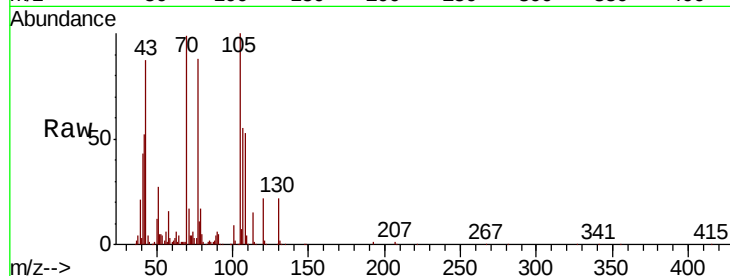




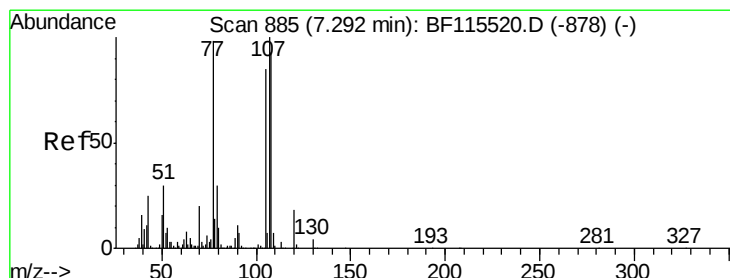
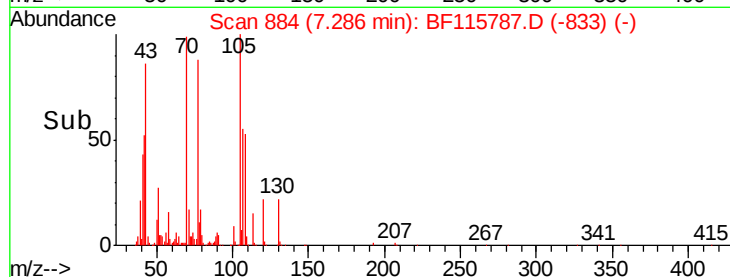
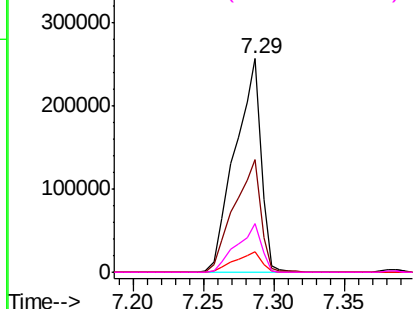
#19
n-Nitroso-di-n-propylamine
Concen: 39.226 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	329130
Ion	Ratio	Lower	Upper
70	100		
42	53.0	41.8	62.8
101	9.5	7.6	11.4
130	22.6	16.9	25.3

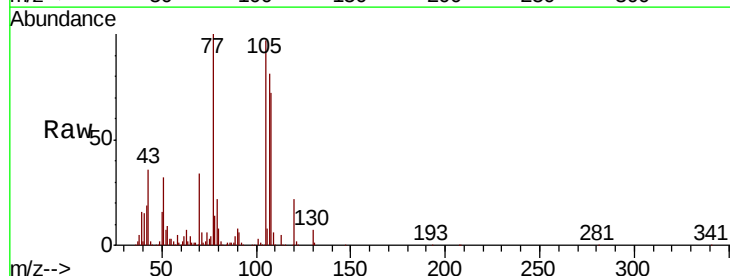


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

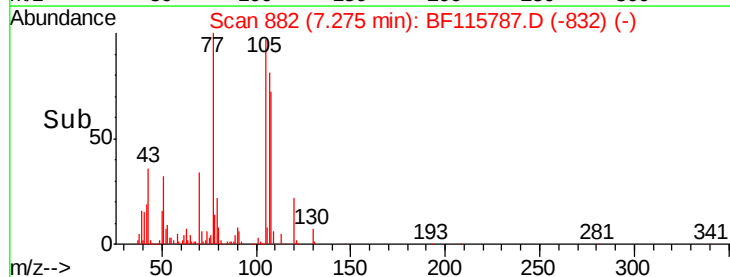
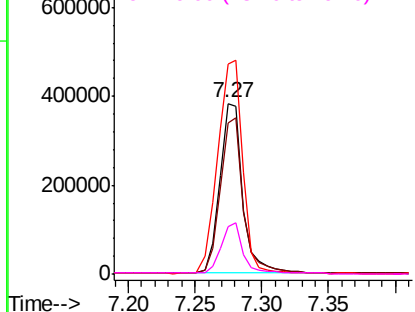


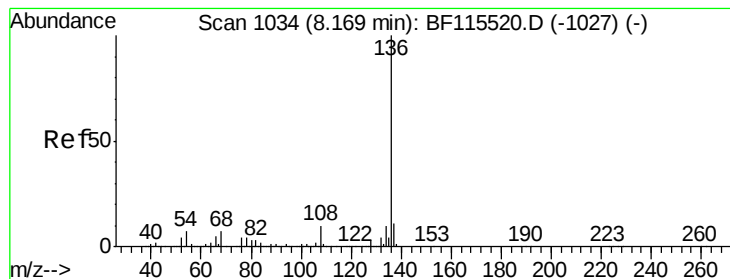
#20
3+4-Methylphenols
Concen: 39.019 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:	107	Resp:	465611
Ion	Ratio	Lower	Upper
107	100		
108	88.7	73.0	113.0
77	123.3	107.5	147.5
79	27.5	10.6	50.6



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 664467

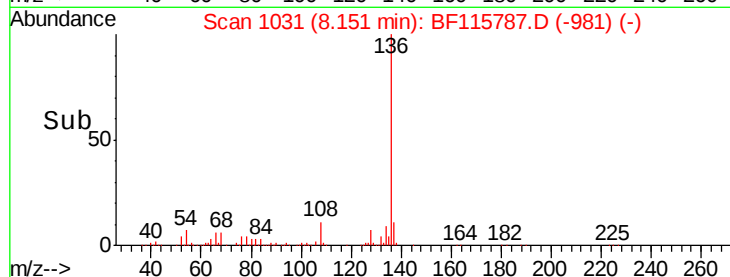
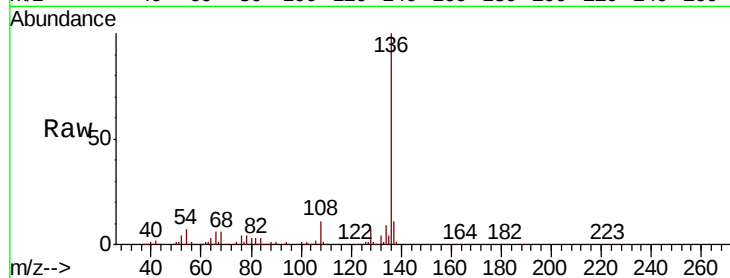
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.3 5.0 7.6

68 6.4 4.7 7.1

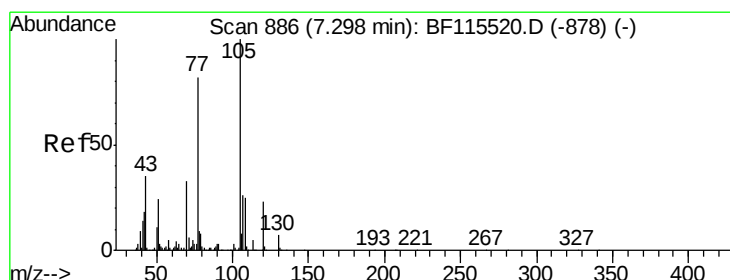
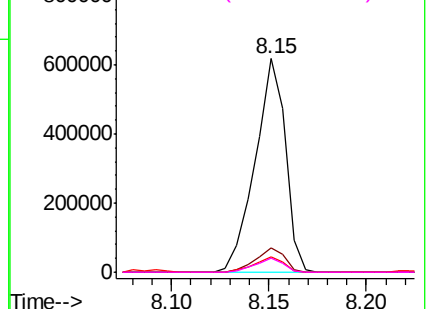


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.574 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Tgt Ion:105 Resp: 639088

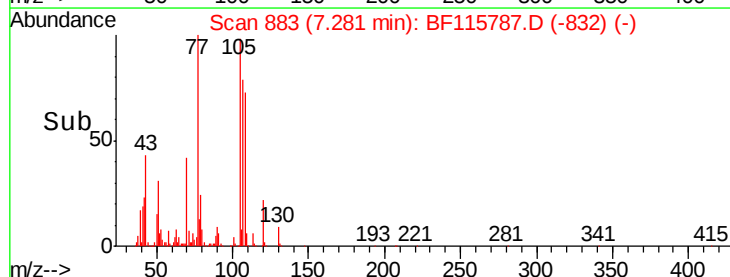
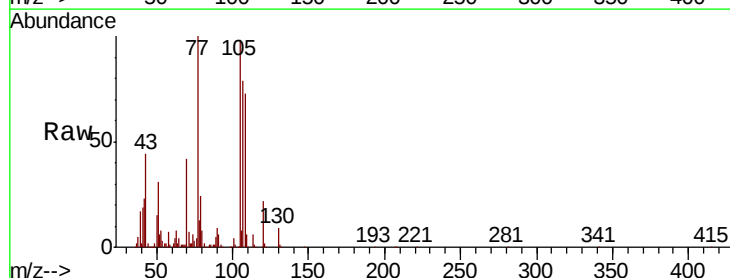
Ion Ratio Lower Upper

105 100

71 7.1 4.7 7.1#

51 31.7 25.6 38.4

120 22.4 17.7 26.5

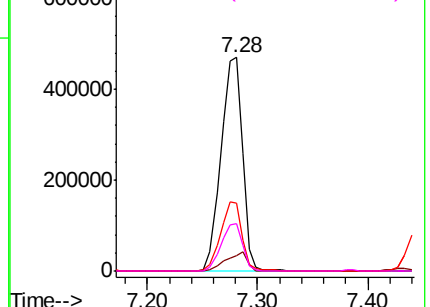


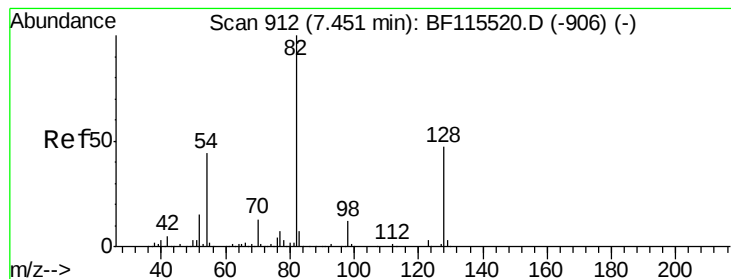
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.116 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

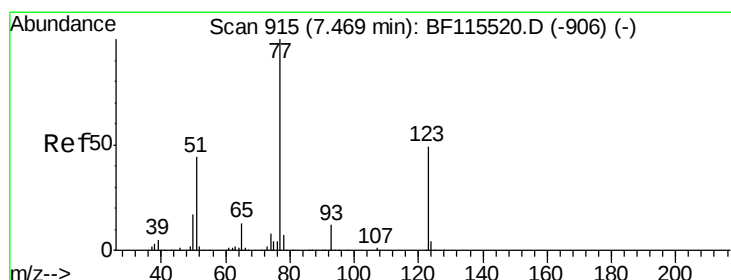
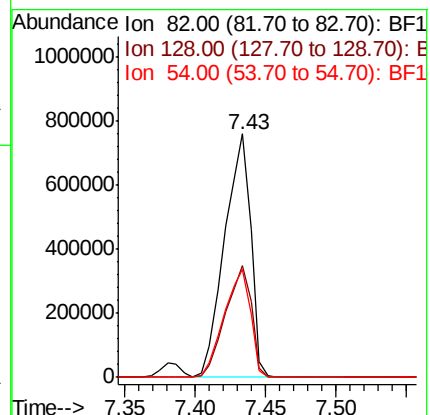
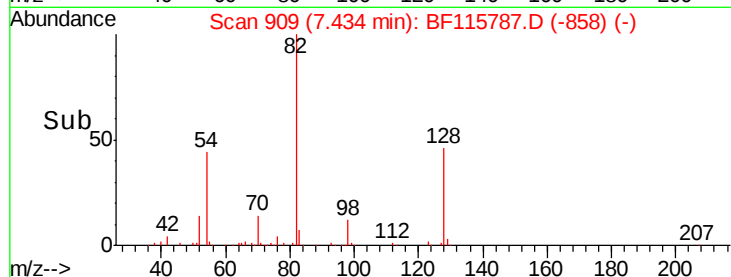
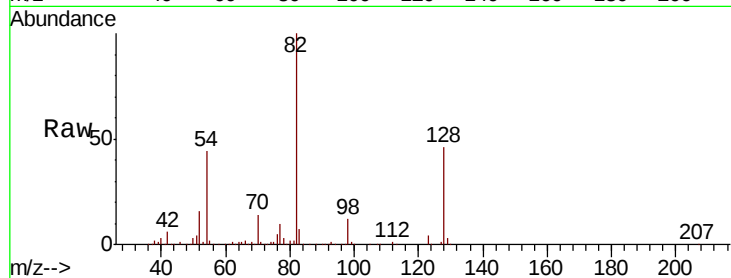
Tot Ion: 82 Resp: 972663

Ion Ratio Lower Upper

82 100

128 46.0 36.6 55.0

54 44.4 36.6 54.8



#24

Nitrobenzene

Concen: 41.805 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

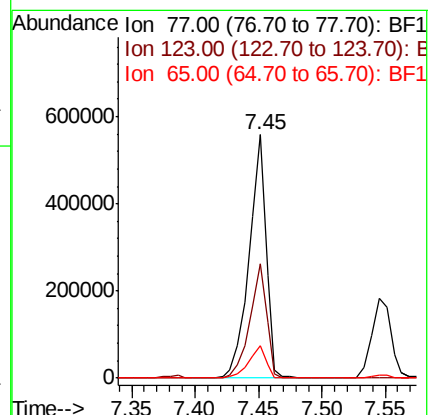
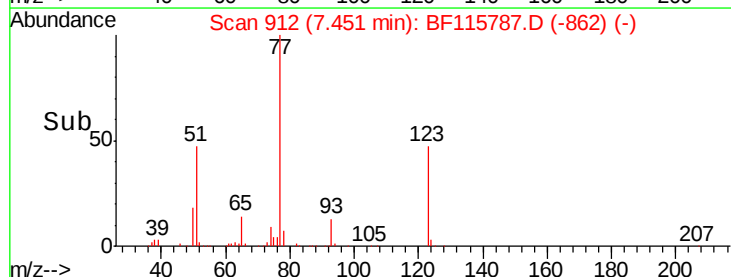
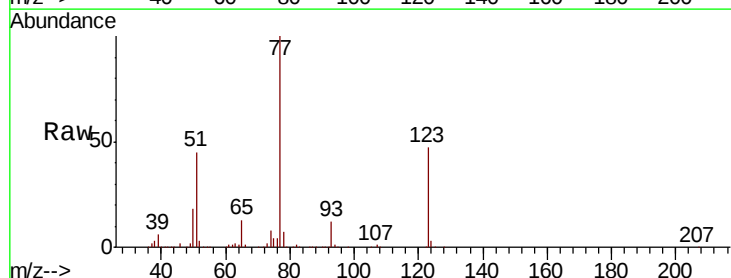
Tgt Ion: 77 Resp: 515262

Ion Ratio Lower Upper

77 100

123 47.2 39.9 59.9

65 13.1 10.5 15.7

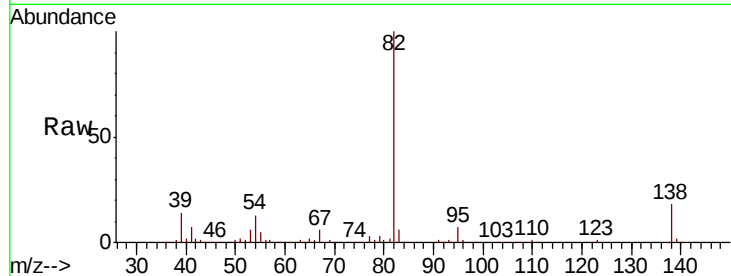




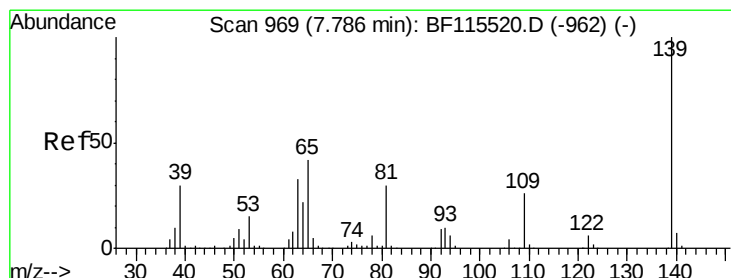
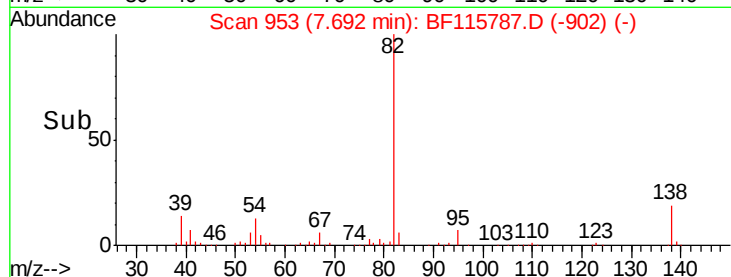
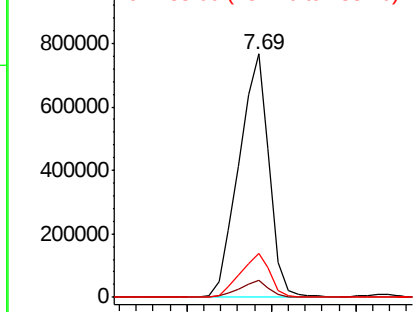
#25
Isophorone
Concen: 41.803 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 955875
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 18.2 14.2 21.4

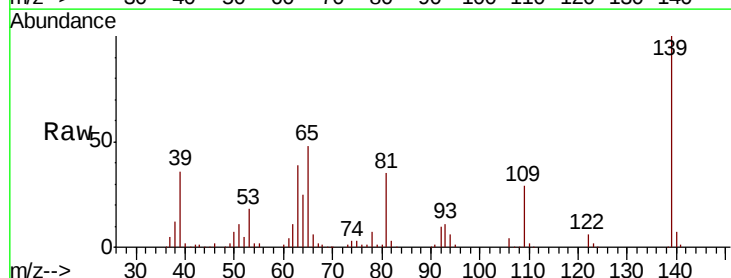


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

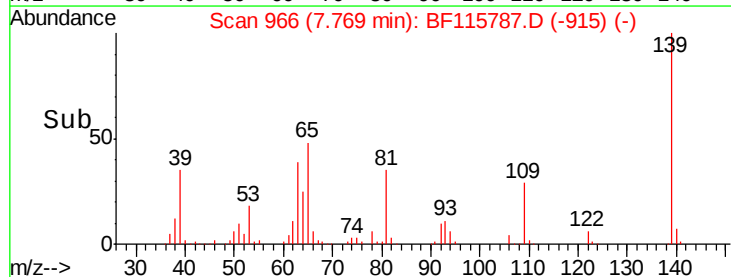
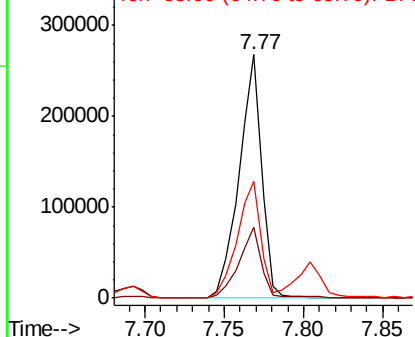


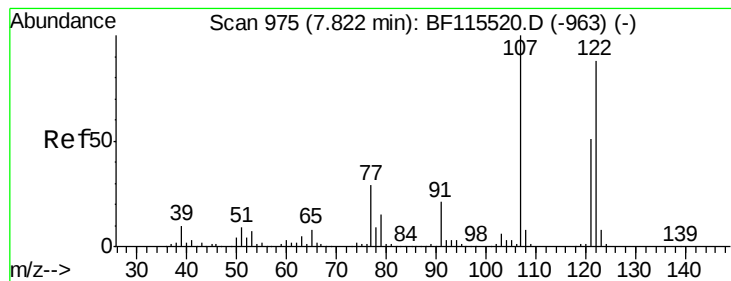
#26
2-Nitrophenol
Concen: 41.570 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion: 139 Resp: 263728
Ion Ratio Lower Upper
139 100
109 29.1 23.2 34.8
65 48.1 40.5 60.7



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

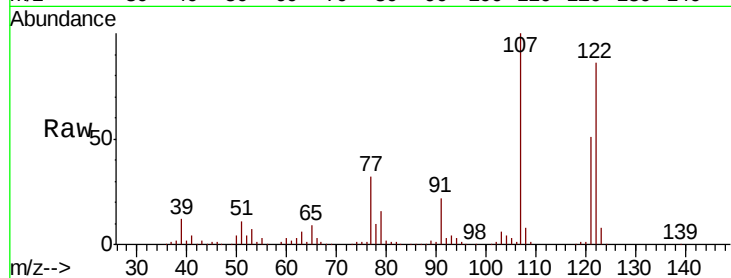




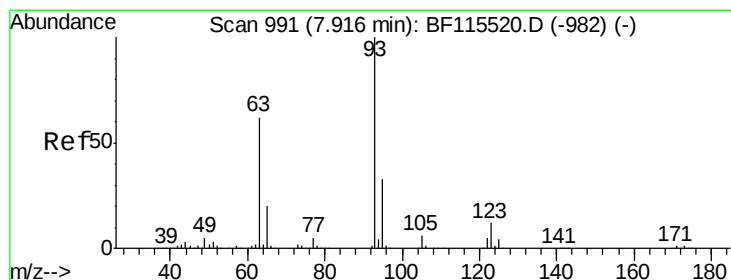
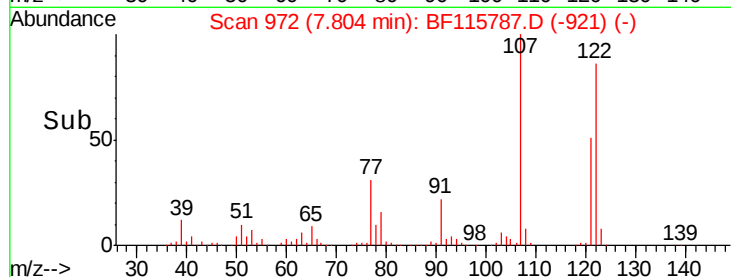
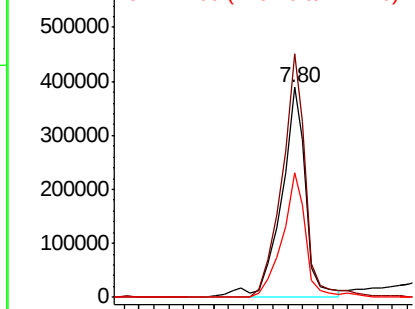
#27
 2,4-Dimethylphenol
 Concen: 47.071 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 446815
 Ion Ratio Lower Upper
 122 100
 107 115.8 92.6 138.8
 121 59.0 46.2 69.4

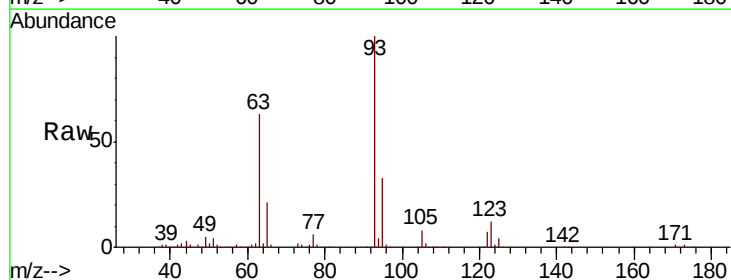


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

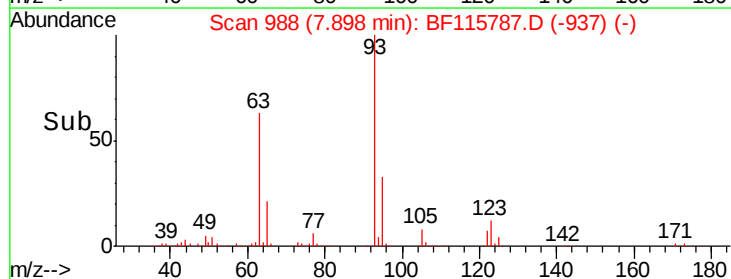
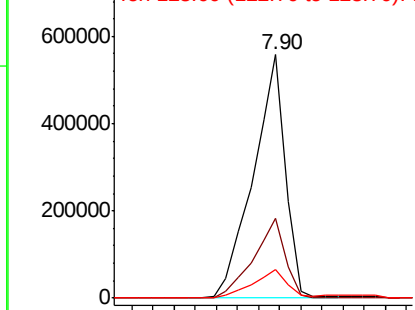


#28
 bis(2-Chloroethoxy)methane
 Concen: 41.932 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion: 93 Resp: 588222
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.2 39.4
 123 11.9 9.3 13.9



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

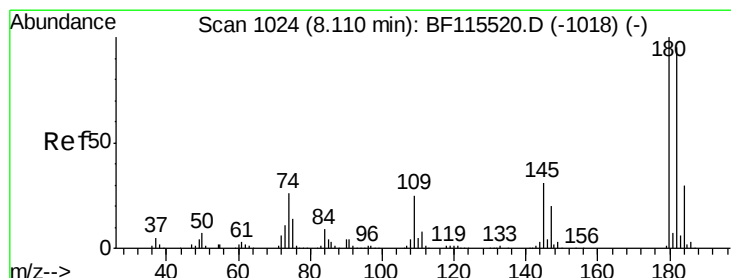
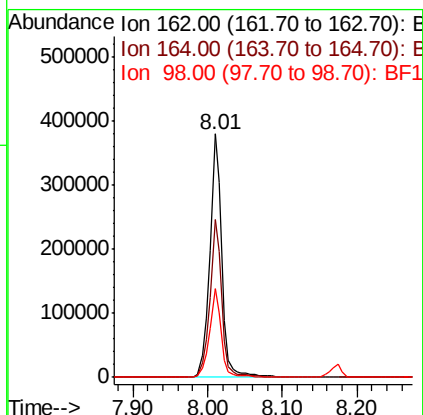
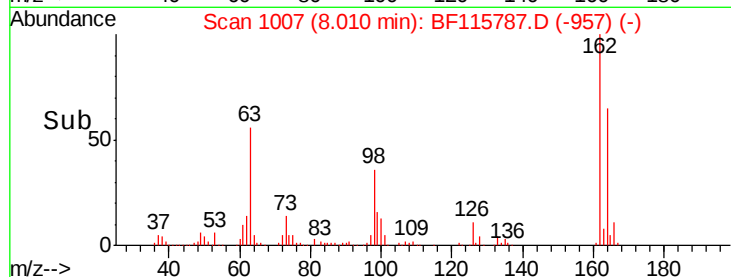
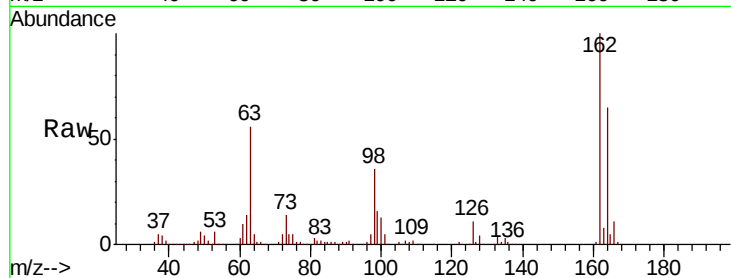




#29
2,4-Dichlorophenol
Concen: 42.616 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

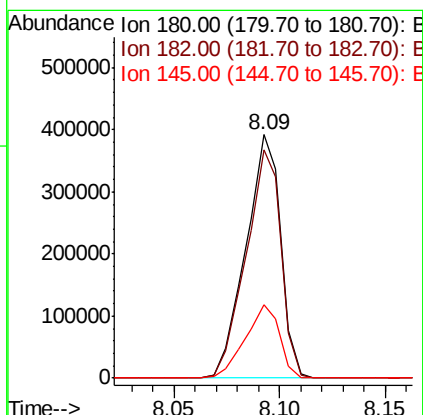
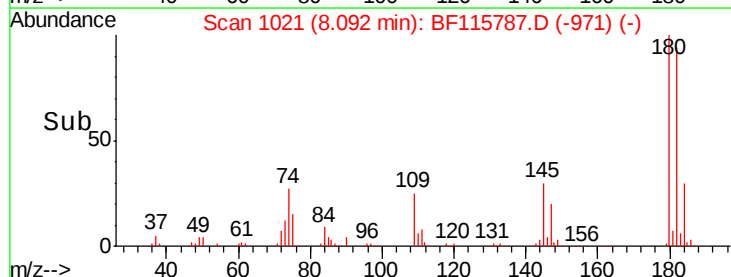
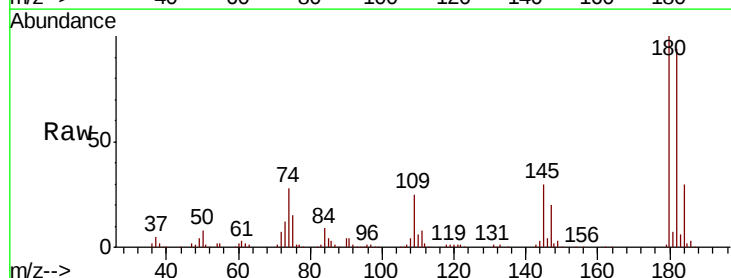
Instrument :
BNA_F
ClientSampleId :

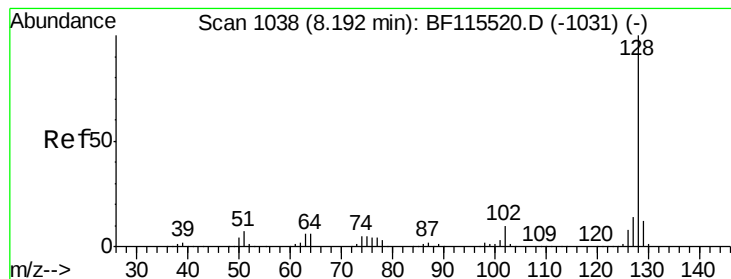
Tot Ion:162 Resp: 420709
Ion Ratio Lower Upper
162 100
164 65.0 44.1 84.1
98 36.5 12.9 52.9



#30
1,2,4-Trichlorobenzene
Concen: 40.303 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:180 Resp: 449746
Ion Ratio Lower Upper
180 100
182 93.6 76.7 115.1
145 30.2 23.6 35.4





#31

Naphthalene

Concen: 42.594 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

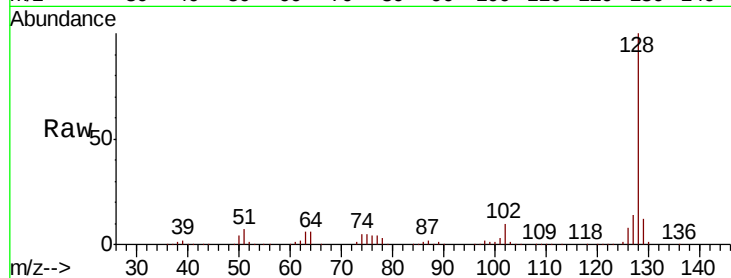
Tot Ion:128 Resp: 1370675

Ion Ratio Lower Upper

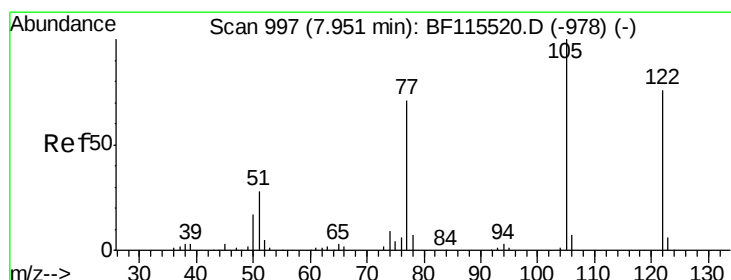
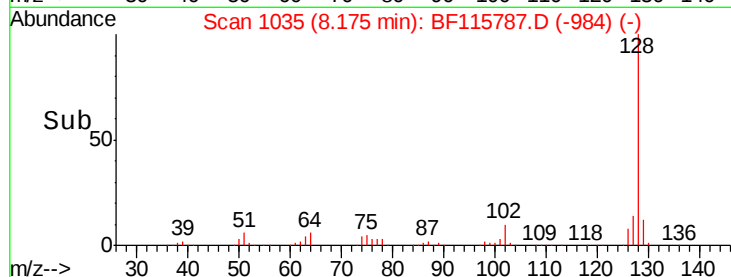
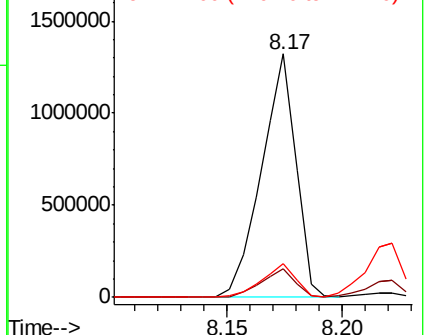
128 100

129 11.7 9.4 14.2

127 13.7 10.9 16.3



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



#32

Benzoic acid

Concen: 37.809 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

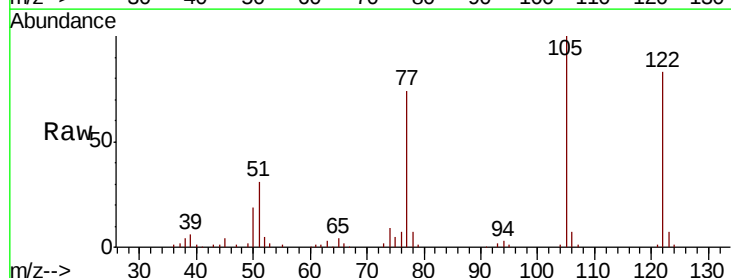
Tgt Ion:122 Resp: 294538

Ion Ratio Lower Upper

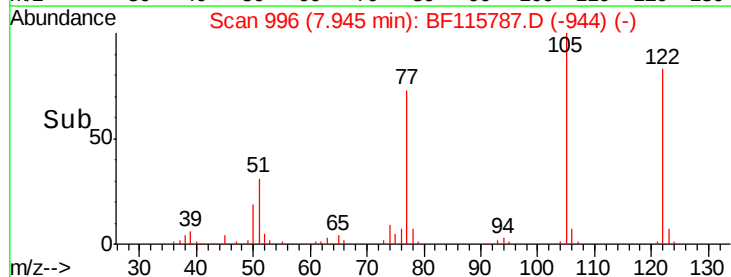
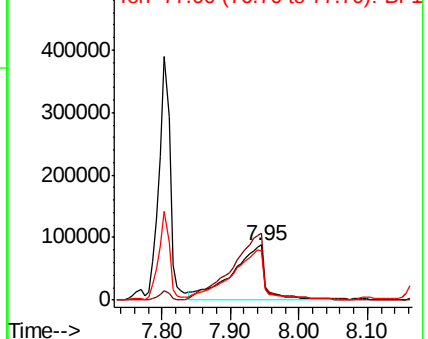
122 100

105 120.7 102.0 142.0

77 89.8 73.6 113.6



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

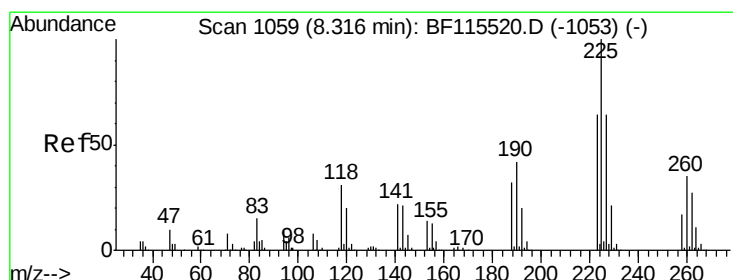
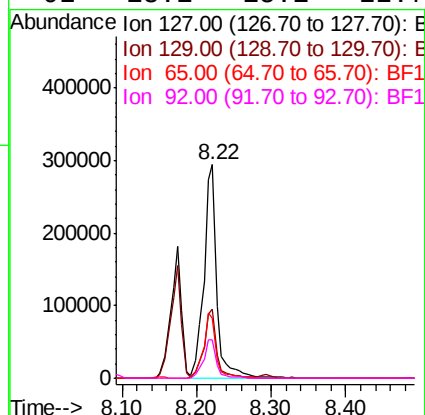
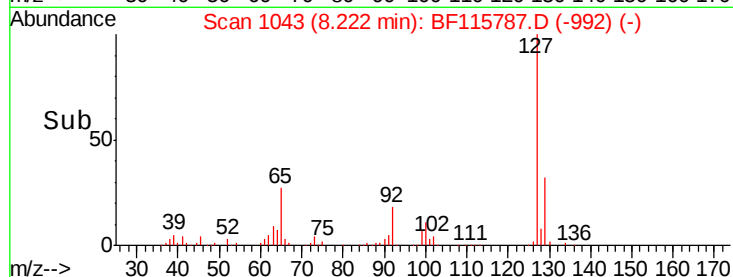
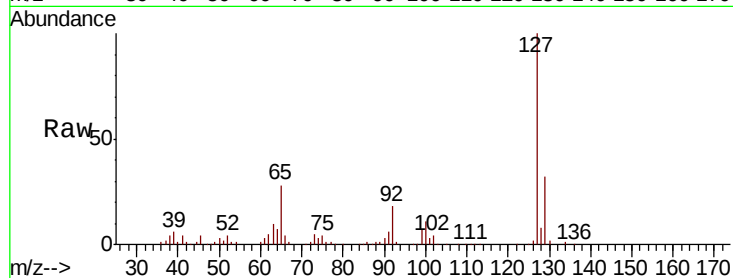




#33
4-Chloroaniline
Concen: 25.220 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

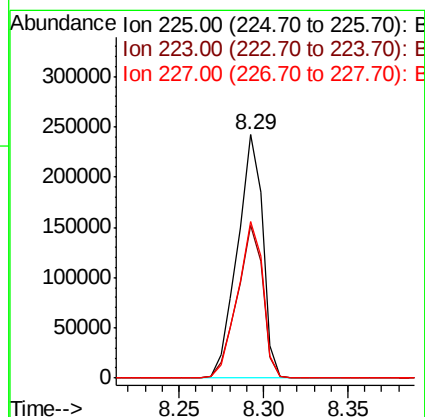
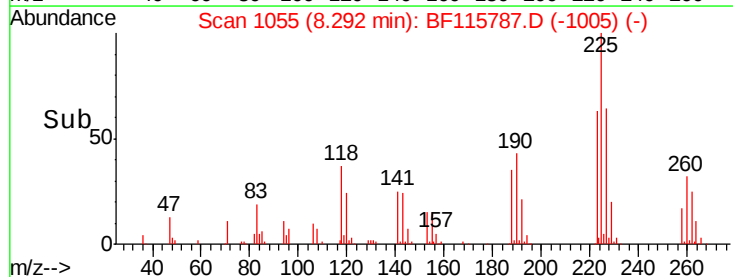
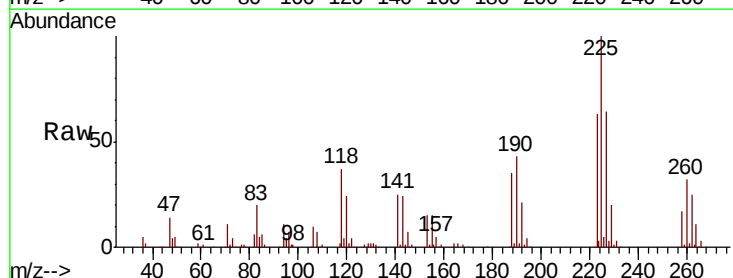
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	359492
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	28.0	23.8	35.8
92	18.1	15.1	22.7



#34
Hexachlorobutadiene
Concen: 39.535 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:	225	Resp:	252994
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	64.2	52.8	79.2

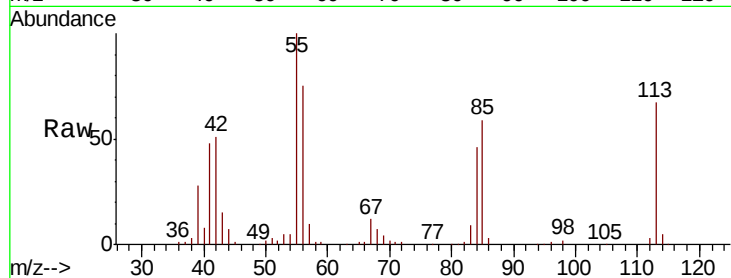




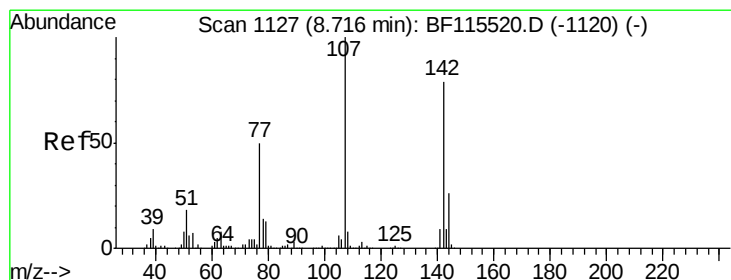
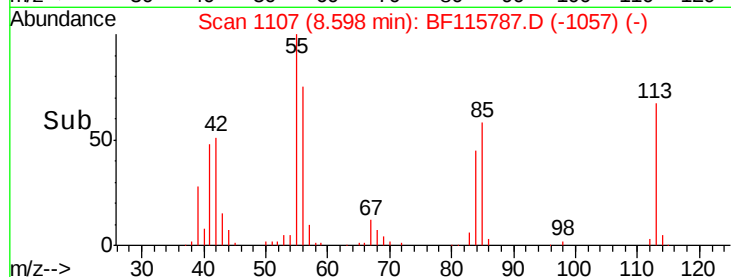
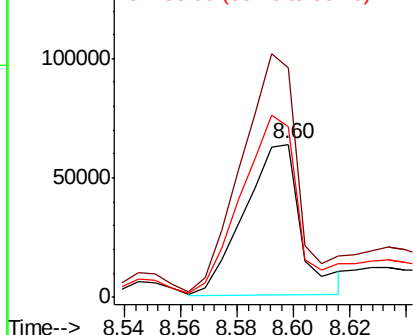
#35
 Caprolactam
 Concen: 28.994 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 88448
 Ion Ratio Lower Upper
 113 100
 55 149.7 130.5 170.5
 56 111.8 93.1 133.1

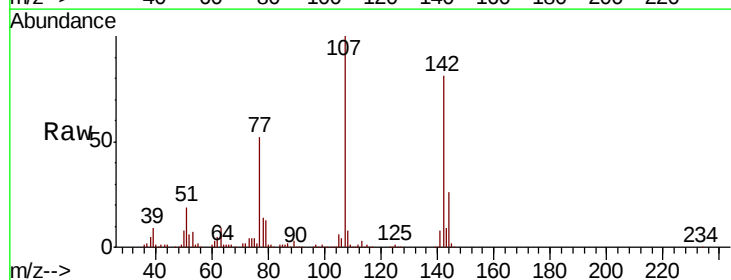


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

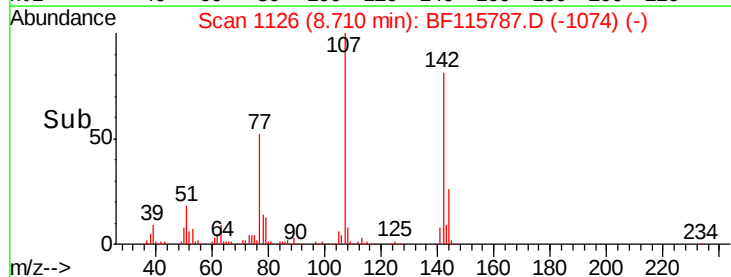
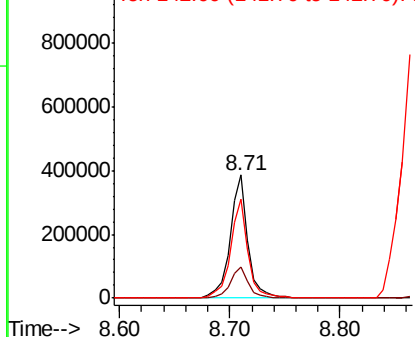


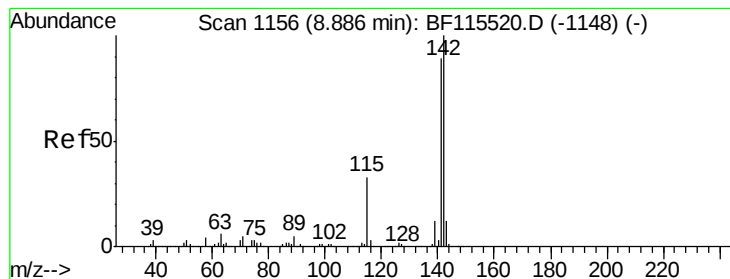
#36
 4-Chloro-3-methylphenol
 Concen: 42.614 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion:107 Resp: 436383
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.1 30.1
 142 80.9 62.3 93.5



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: 44.097 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

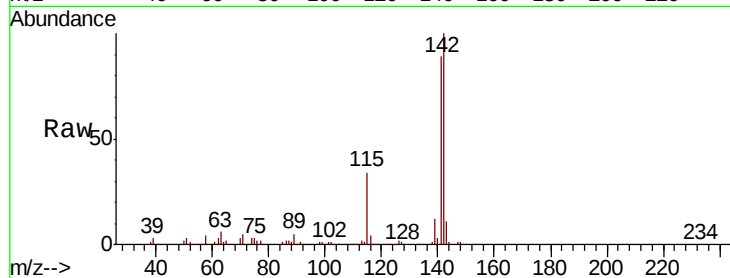
Tot Ion:142 Resp: 940640

Ion Ratio Lower Upper

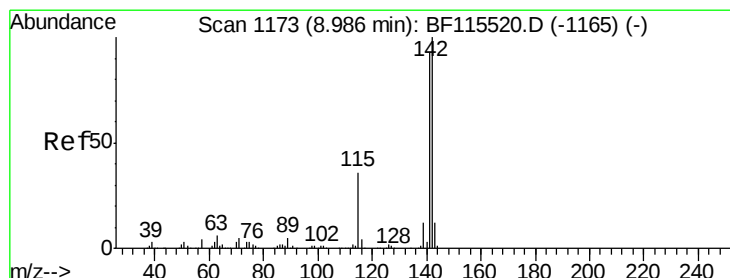
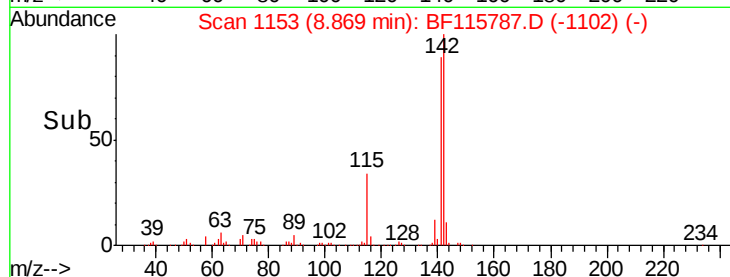
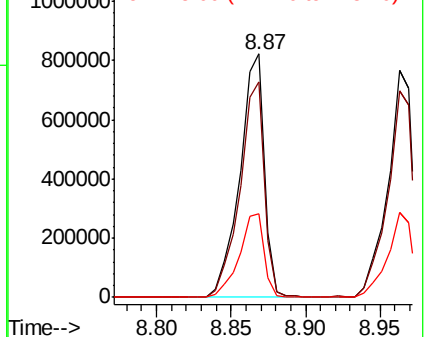
142 100

141 88.5 71.0 106.4

115 34.2 27.7 41.5



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: 43.170 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

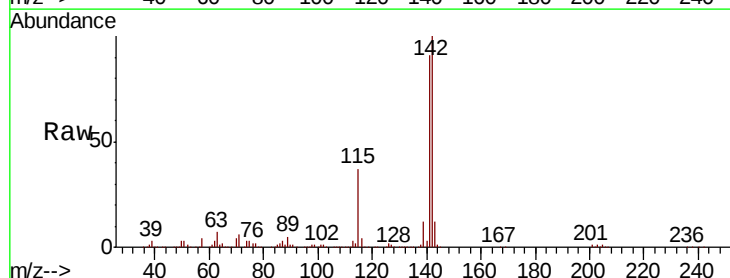
Tgt Ion:142 Resp: 874691

Ion Ratio Lower Upper

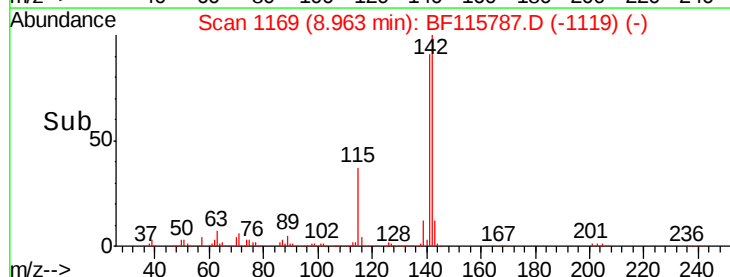
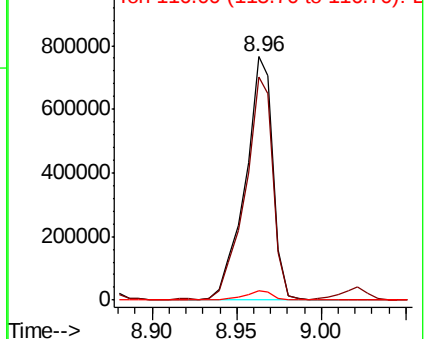
142 100

141 91.5 73.9 110.9

116 3.8 3.0 4.6



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

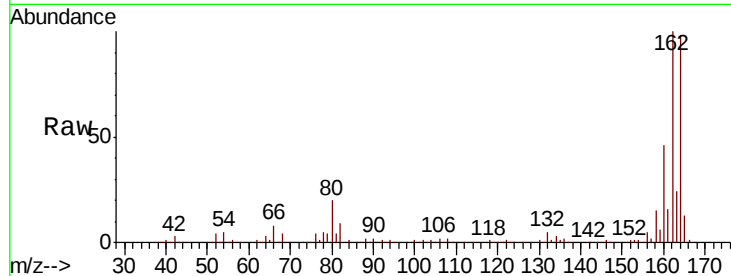




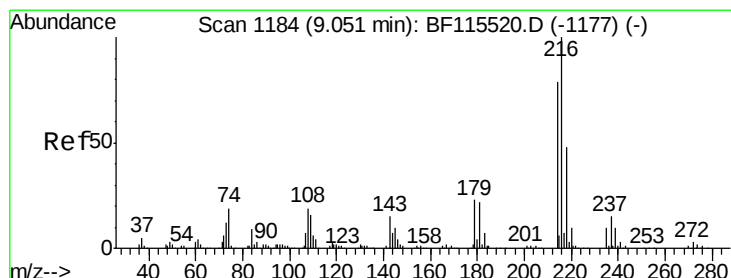
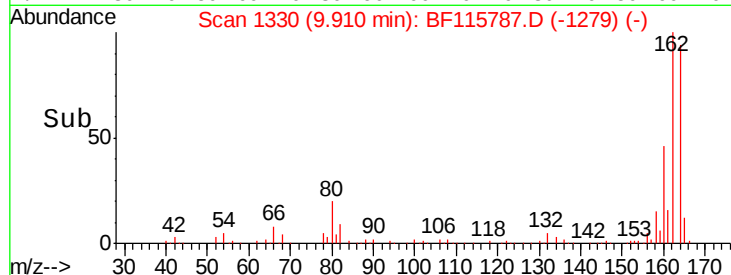
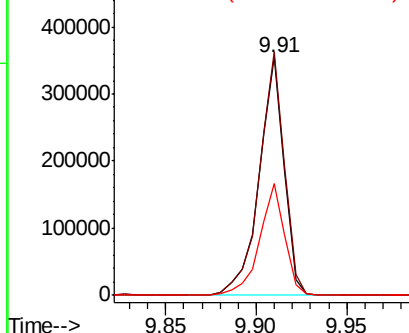
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 339820
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 46.8 37.5 56.3

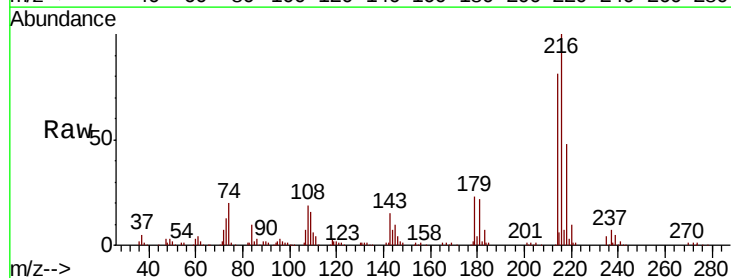


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

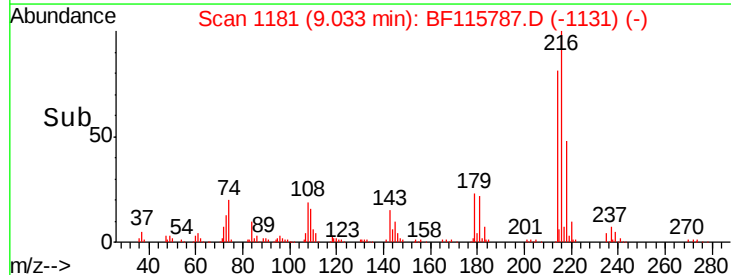
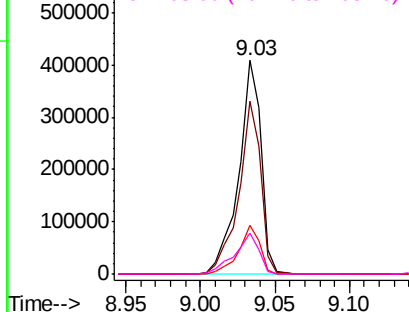


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.425 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:216 Resp: 423912
Ion Ratio Lower Upper
216 100
214 79.4 63.0 94.6
179 22.0 17.4 26.2
108 21.3 16.6 25.0



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: 56.542 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampled :

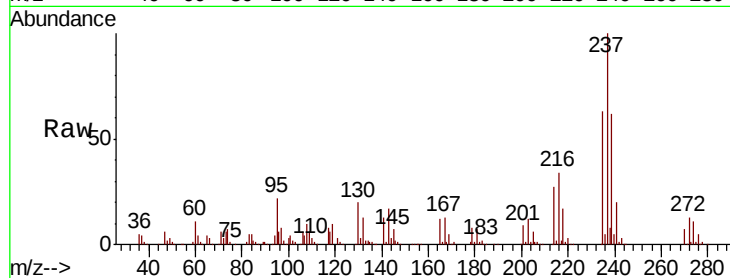
Tot Ion:237 Resp: 330056

Ion Ratio Lower Upper

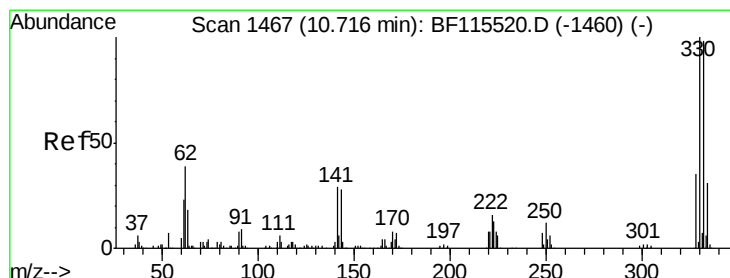
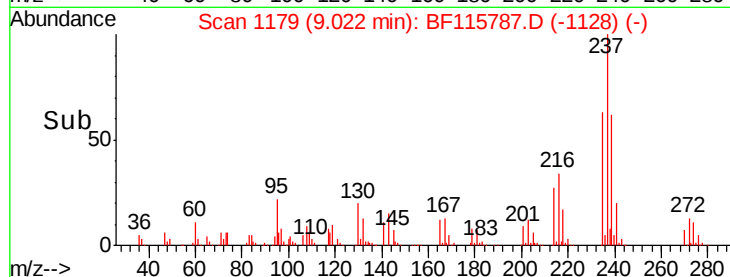
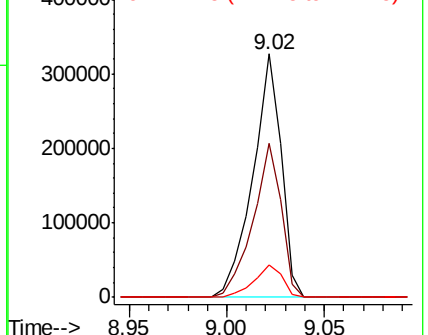
237 100

235 63.2 44.3 84.3

272 13.1 0.0 33.0



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: 77.831 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

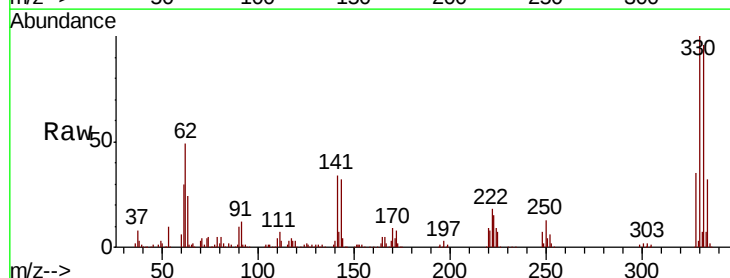
Tgt Ion:330 Resp: 308718

Ion Ratio Lower Upper

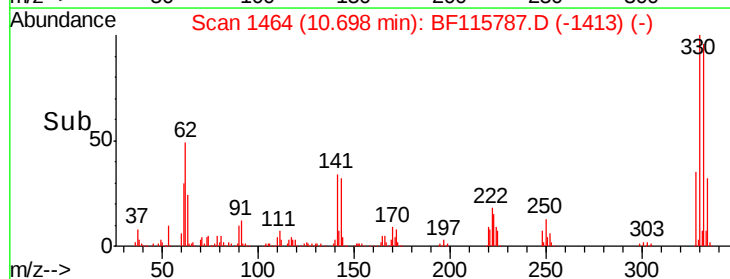
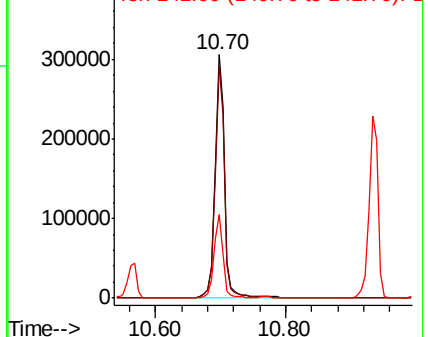
330 100

332 94.5 76.1 114.1

141 33.0 25.9 38.9



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

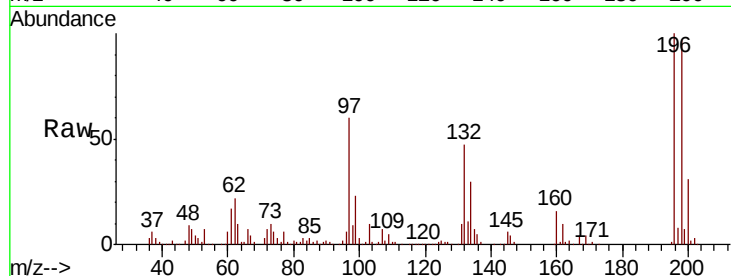




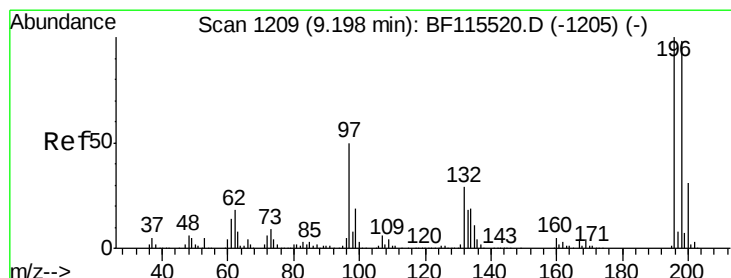
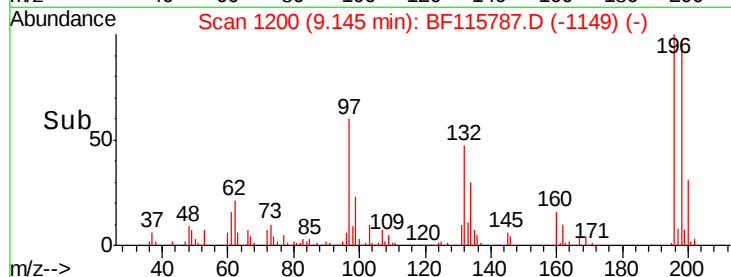
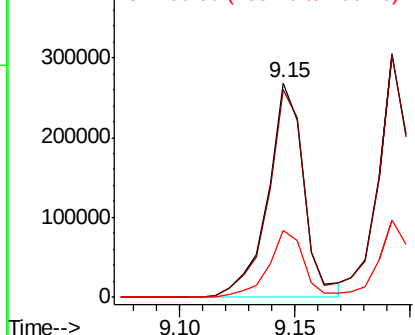
#43
 2,4,6-Trichlorophenol
 Concen: 38.589 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 288776
 Ion Ratio Lower Upper
 196 100
 198 96.6 79.8 119.6
 200 31.0 25.4 38.0

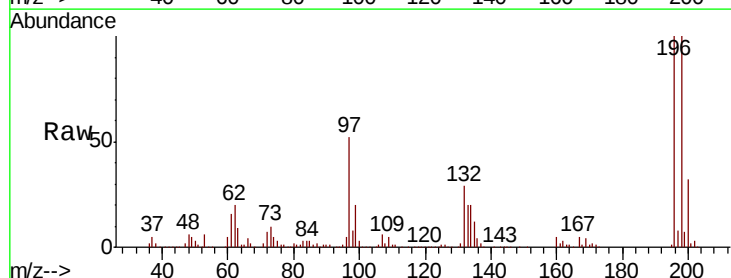


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

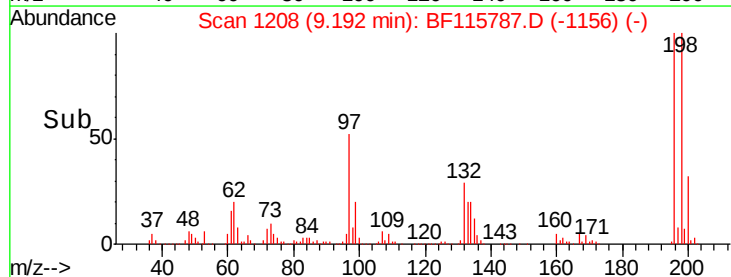
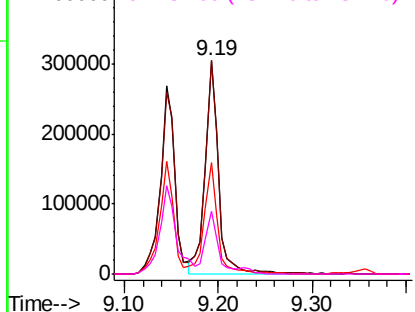


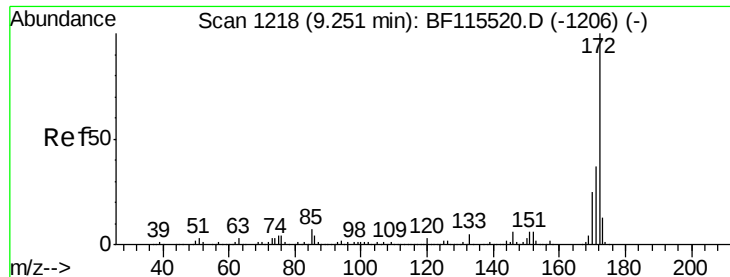
#44
 2,4,5-Trichlorophenol
 Concen: 39.355 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion:196 Resp: 301607
 Ion Ratio Lower Upper
 196 100
 198 100.4 78.2 117.2
 97 52.4 41.9 62.9
 132 29.6 24.1 36.1



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

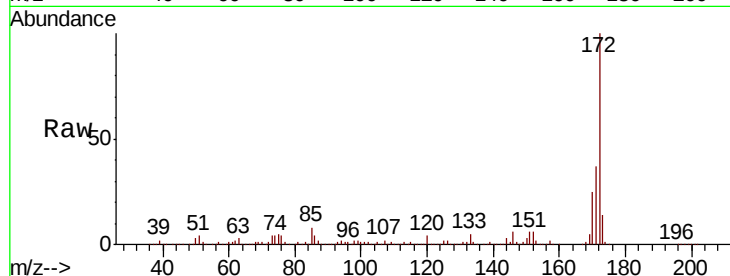




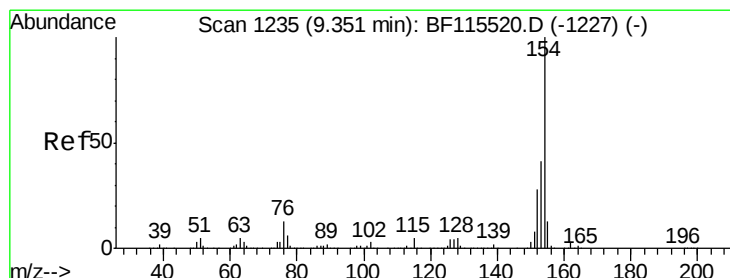
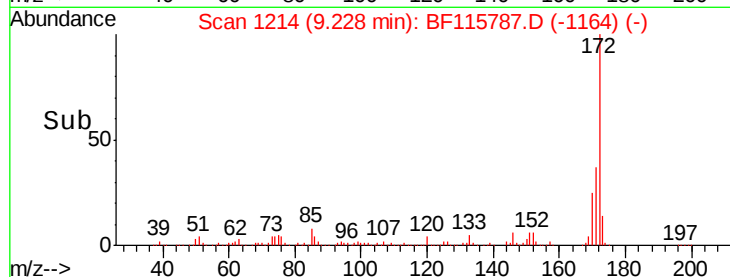
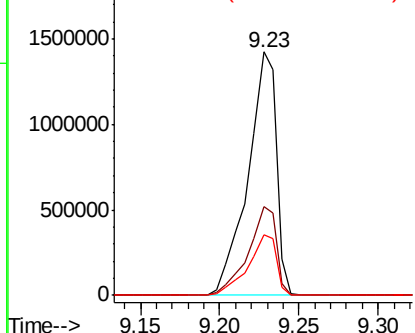
#45
2-Fluorobiphenyl
Concen: 91.776 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1781842
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 25.1 20.1 30.1

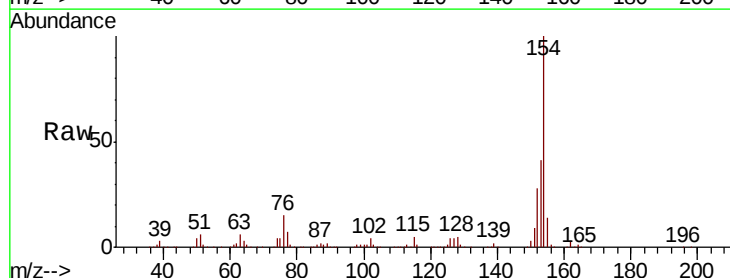


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

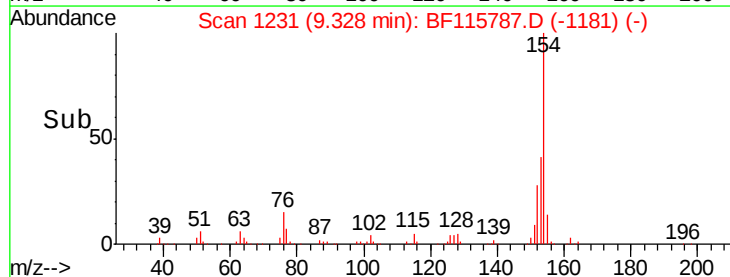
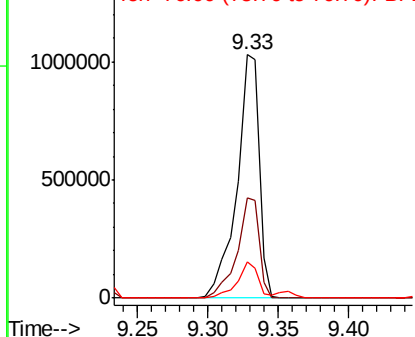


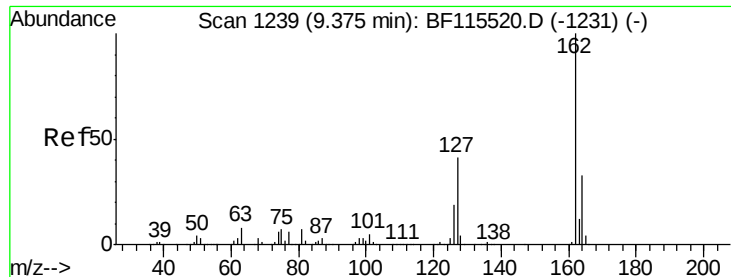
#46
1,1'-Biphenyl
Concen: 42.598 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:154 Resp: 1131697
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 14.7 0.0 33.2



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

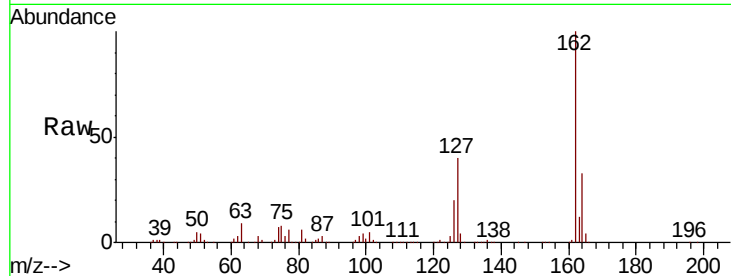




#47
 2-Chloronaphthalene
 Concen: 40.251 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.1	48.1
164	33.1	26.2	39.4

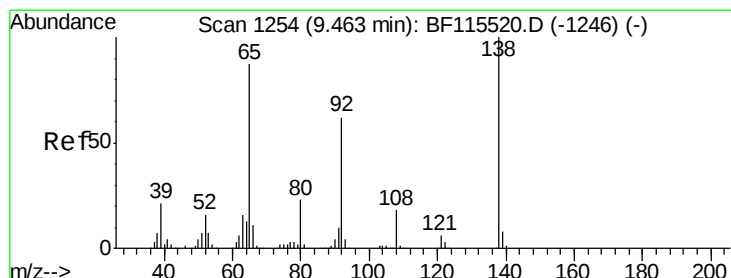
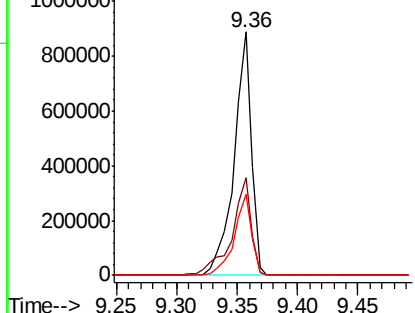
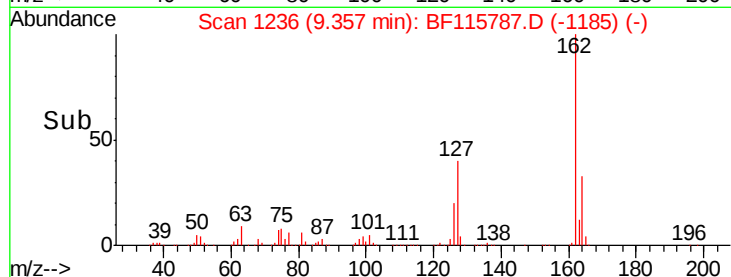


Abundance

Ion 162.00 (161.70 to 162.70): E

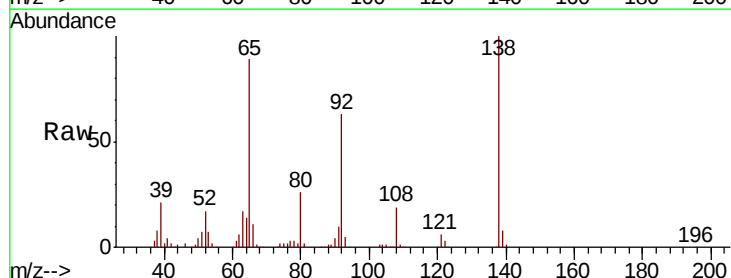
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 40.131 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.9	85.3
138	112.3	91.4	137.2

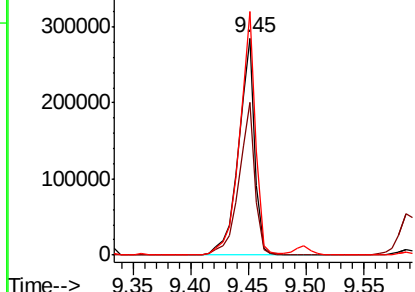
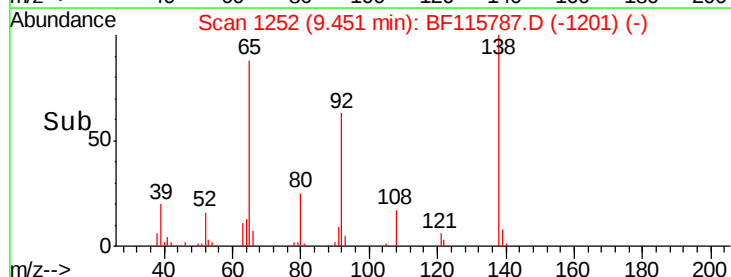


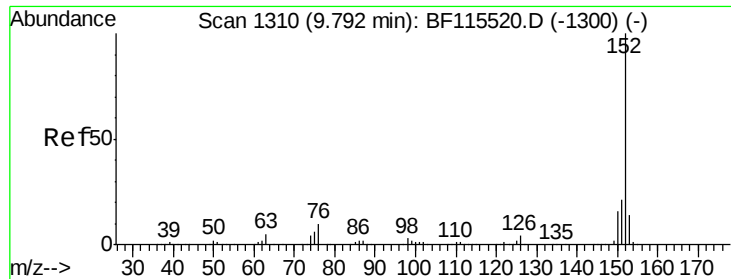
Abundance

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: 41.399 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

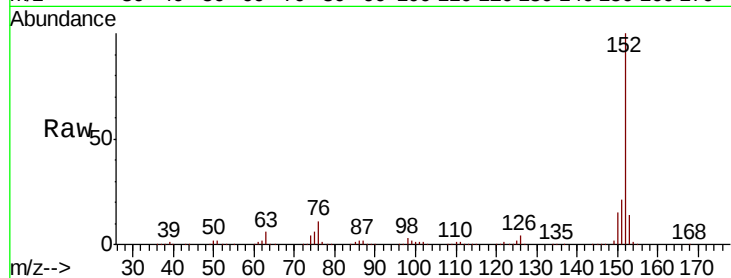
Tot Ion:152 Resp: 1356973

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

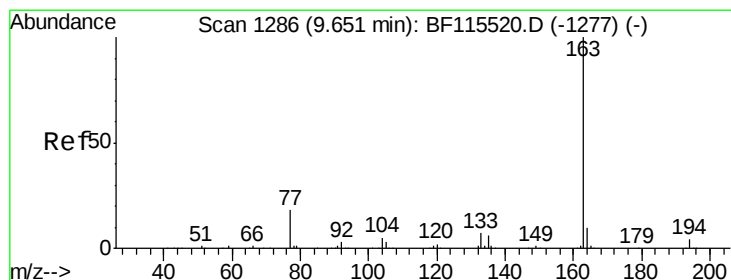
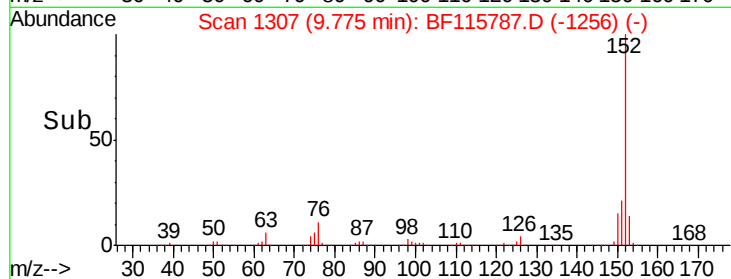
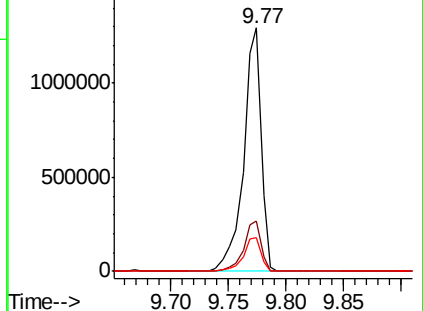
153 13.9 11.5 17.3



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: 41.386 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

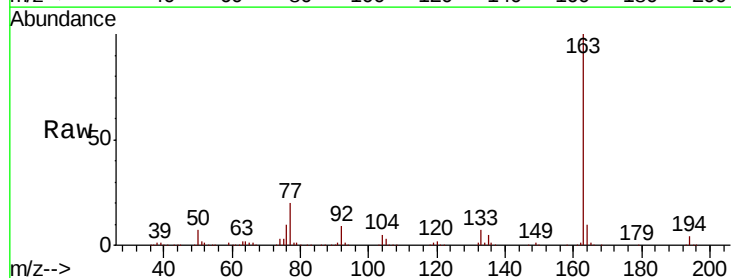
Tgt Ion:163 Resp: 1058113

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

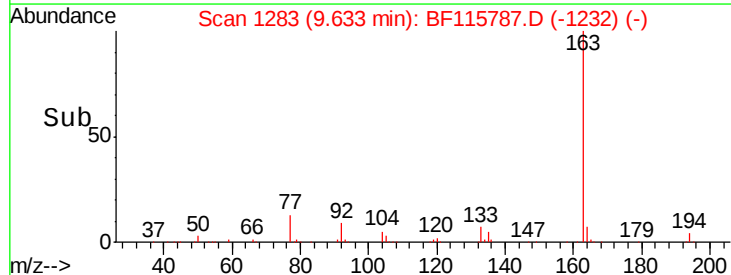
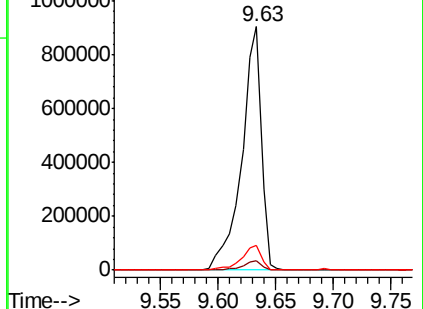
164 10.1 8.3 12.5

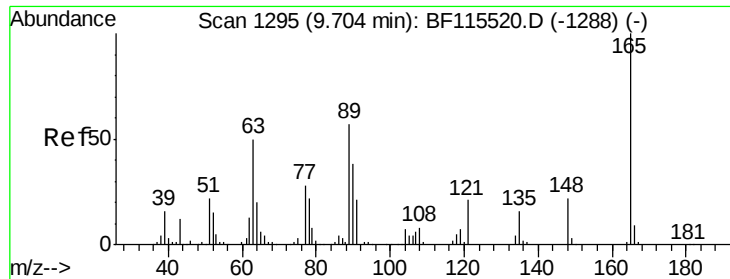


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

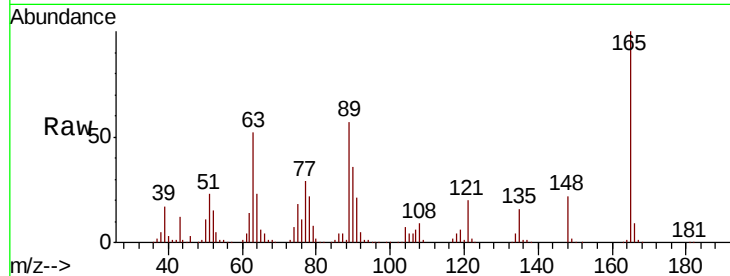




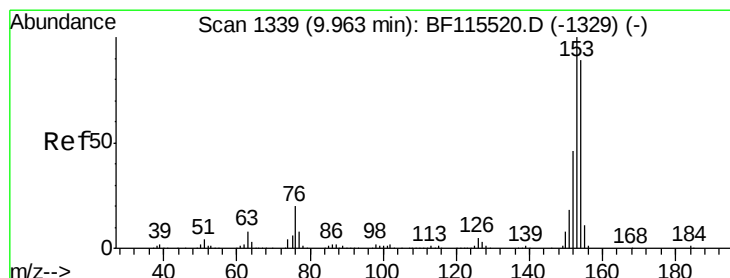
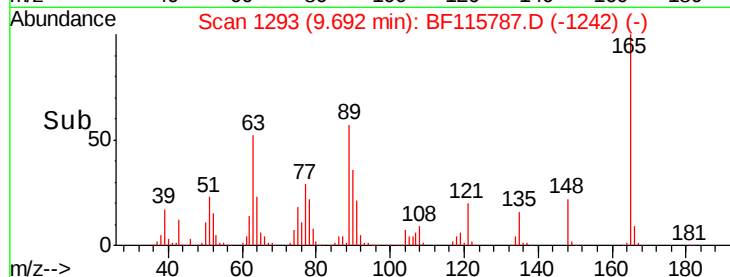
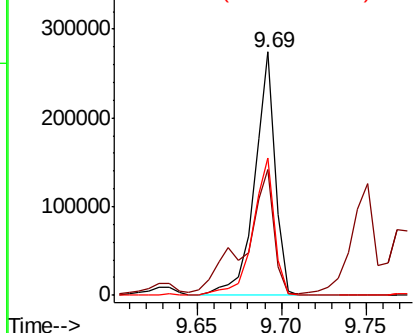
#51
 2,6-Dinitrotoluene
 Concen: 40.213 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.9	43.5	65.3
89	56.6	46.3	69.5

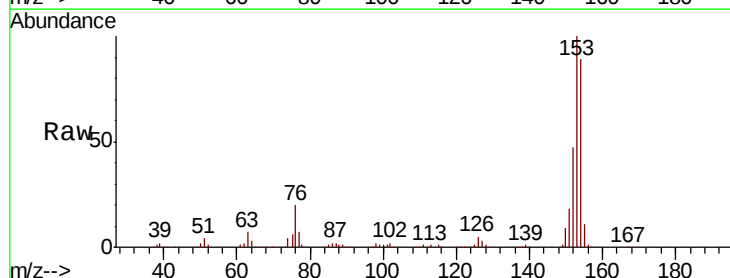


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

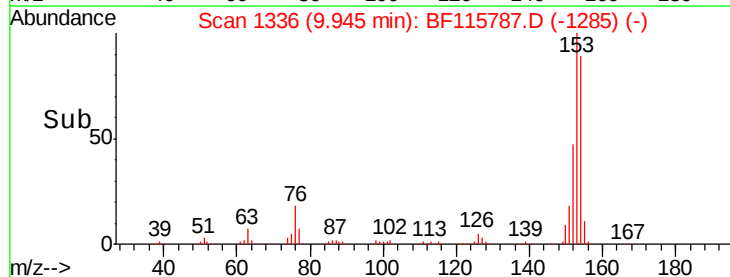
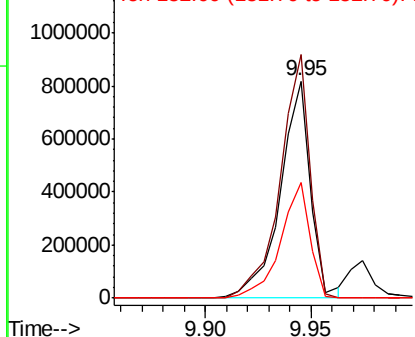


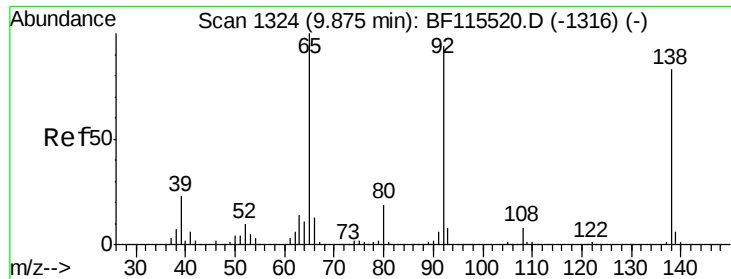
#52
 Acenaphthene
 Concen: 38.769 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	88.1	132.1
152	53.0	42.0	63.0



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

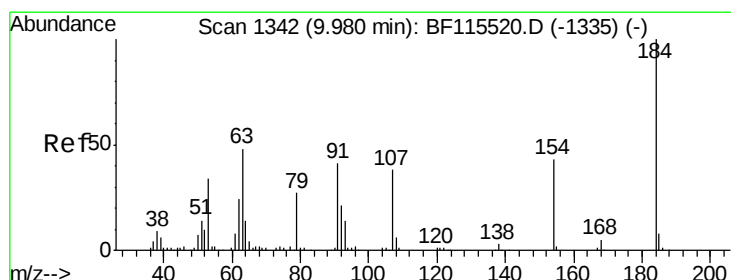
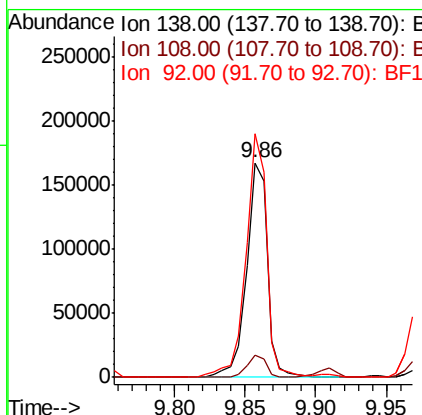
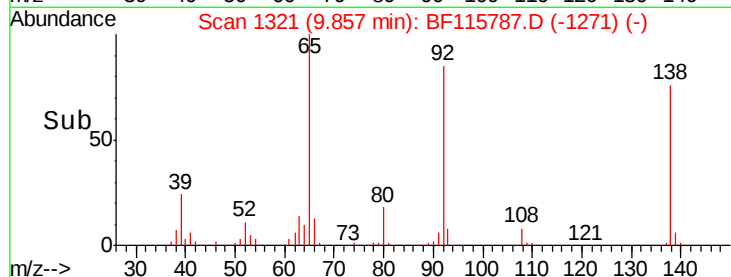
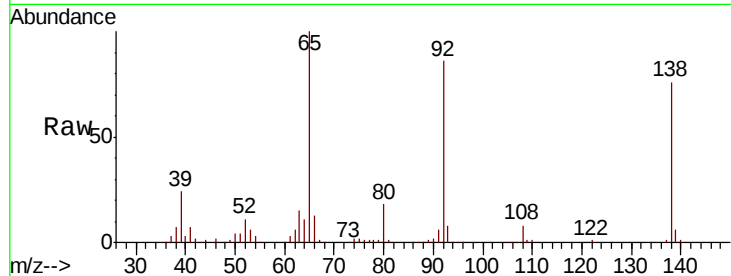




#53
 3-Nitroaniline
 Concen: 26.206 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

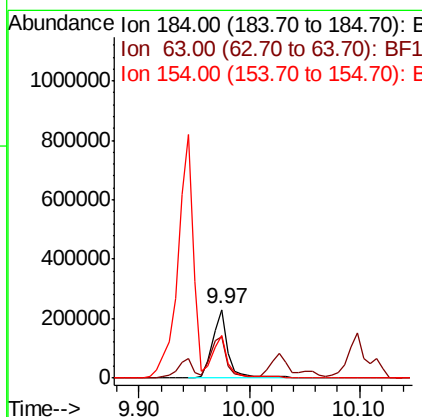
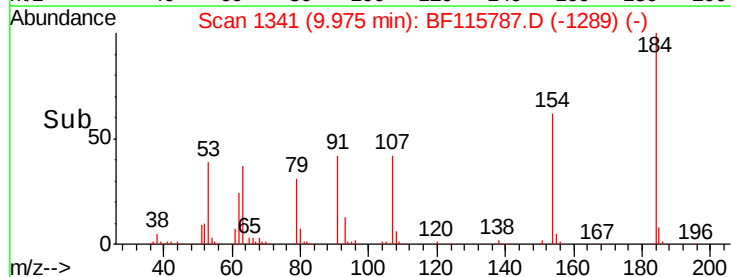
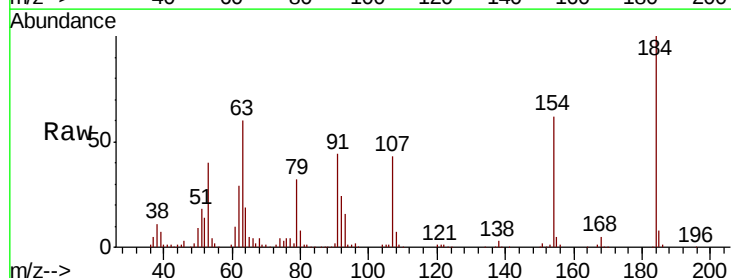
Instrument :
 BNA_F
 ClientSampleId :

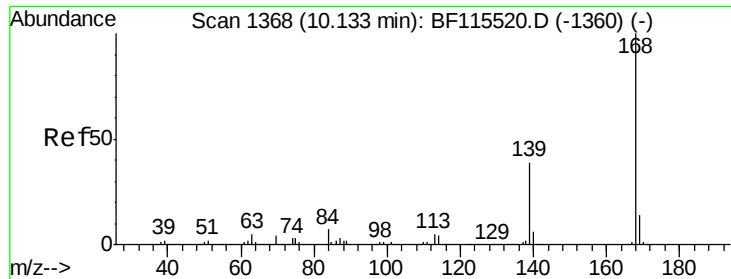
Tot Ion:138 Resp: 174000
 Ion Ratio Lower Upper
 138 100
 108 10.5 7.9 11.9
 92 113.6 87.2 130.8



#54
 2,4-Dinitrophenol
 Concen: 73.477 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion:184 Resp: 219189
 Ion Ratio Lower Upper
 184 100
 63 59.7 55.2 82.8
 154 62.0 51.4 77.0

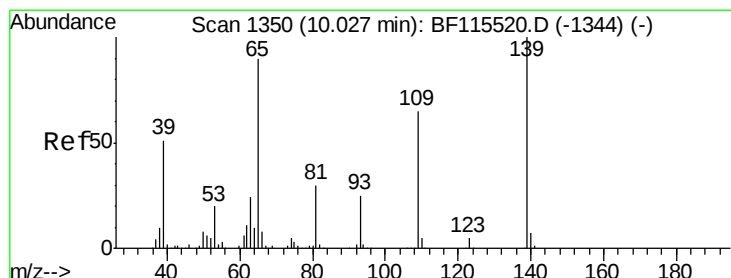
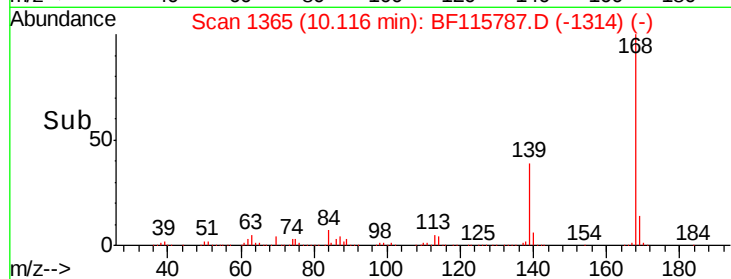
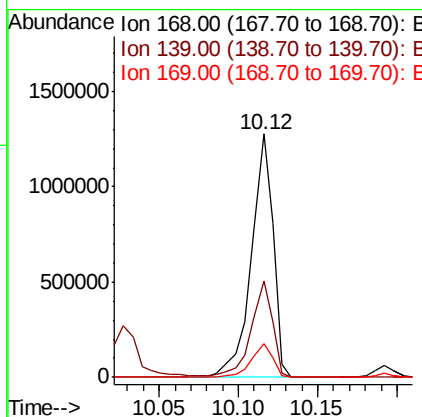
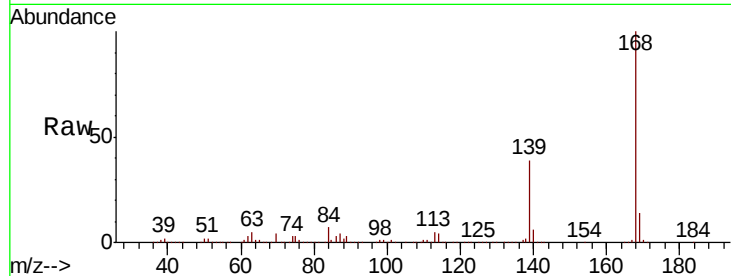




#55
Dibenzofuran
Concen: 40.512 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

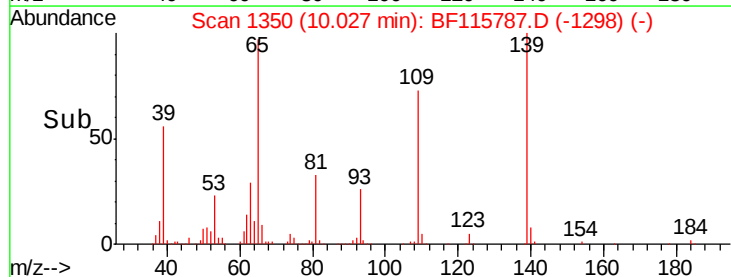
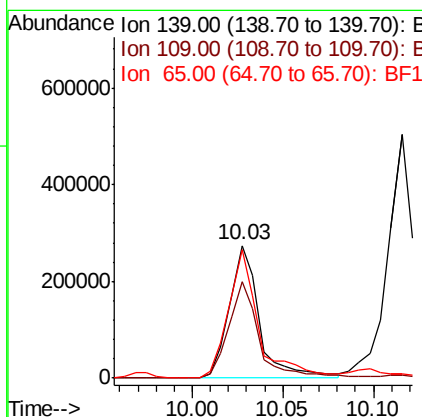
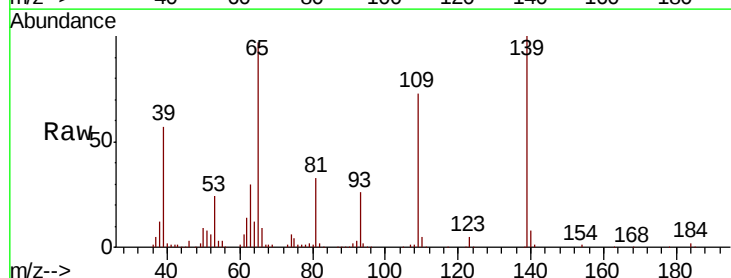
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1217494
Ion Ratio Lower Upper
168 100
139 39.4 31.4 47.2
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 62.971 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:139 Resp: 318830
Ion Ratio Lower Upper
139 100
109 72.7 51.2 91.2
65 97.3 76.0 116.0

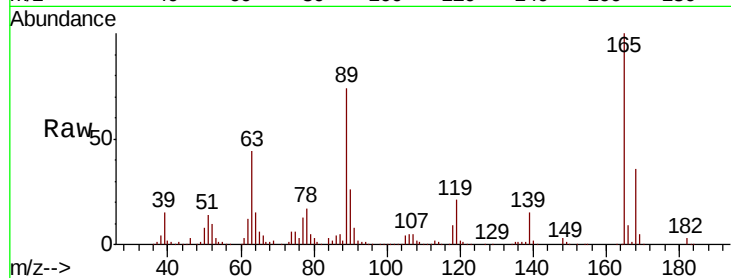




#57
2,4-Dinitrotoluene
Concen: 40.502 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	33.4	50.2
89	74.1	57.3	85.9
182	2.5	2.1	3.1



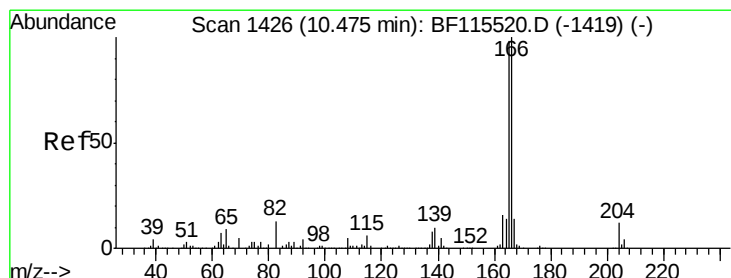
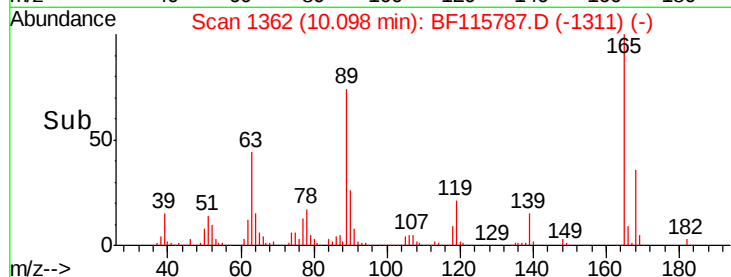
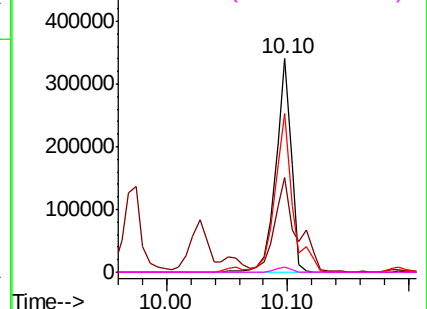
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

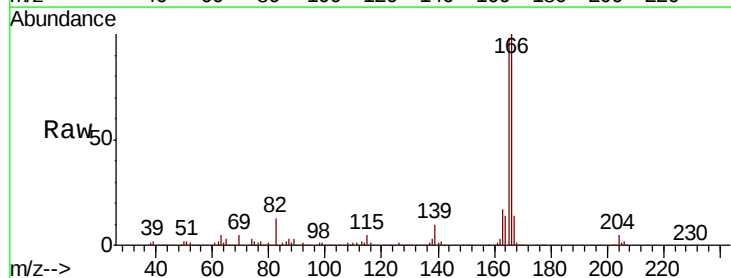
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.114 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.4
167	13.7	11.0	16.6

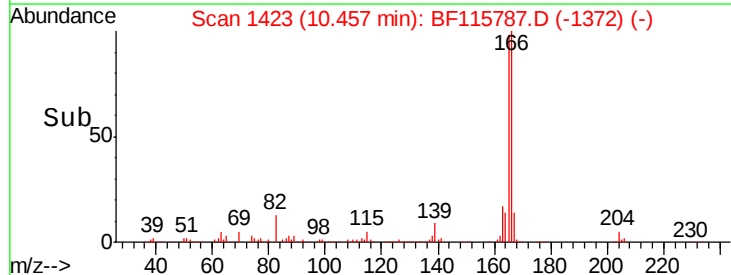
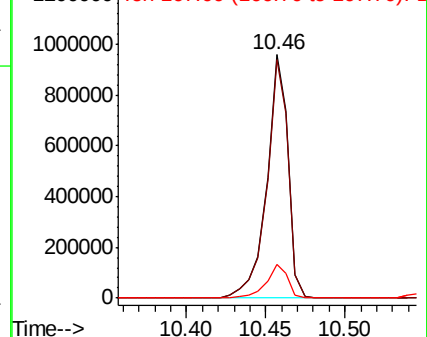


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.767 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 261173

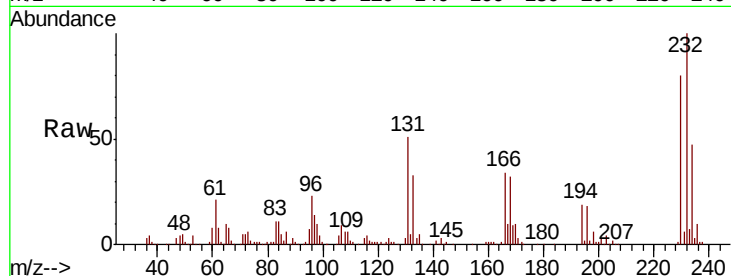
Ion Ratio Lower Upper

232 100

131 44.3 35.8 53.8

130 2.4 1.8 2.6

166 28.9 23.6 35.4

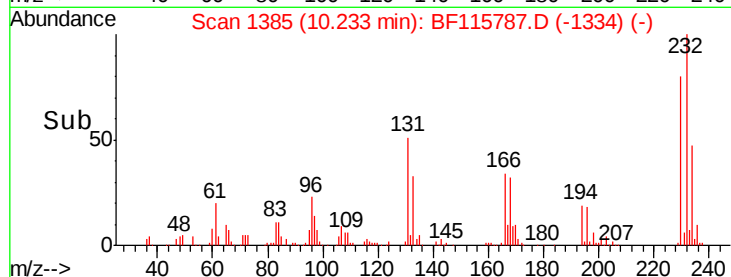


Abundance Ion 232.00 (231.70 to 232.70): E

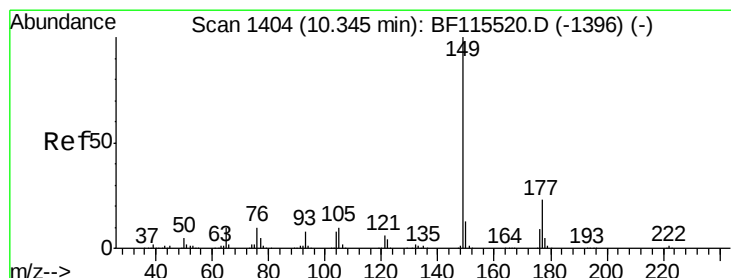
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 41.761 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

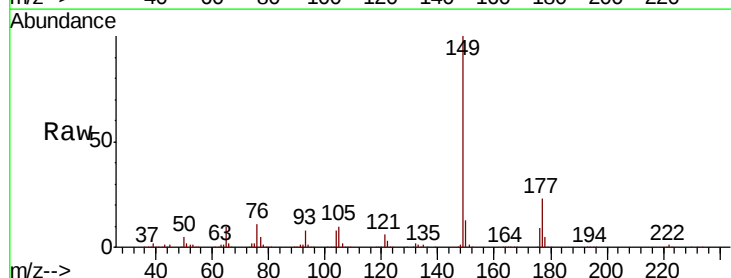
Tgt Ion:149 Resp: 1000398

Ion Ratio Lower Upper

149 100

177 23.0 19.0 28.4

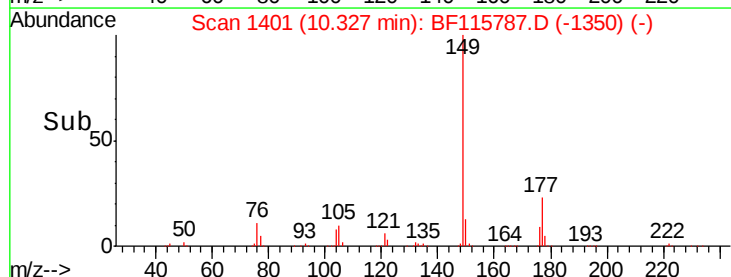
150 12.9 10.5 15.7



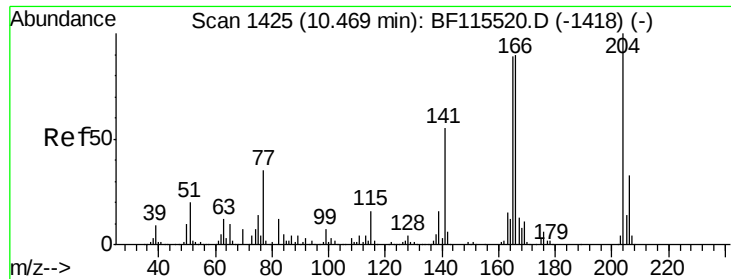
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



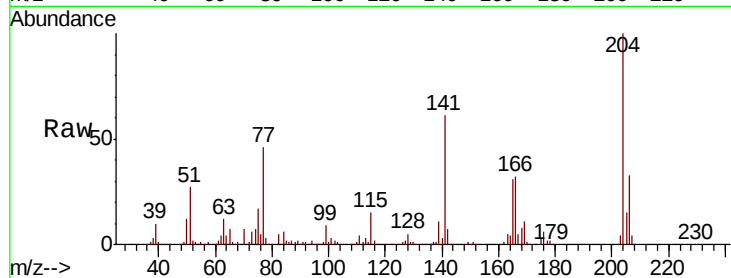
Time-->



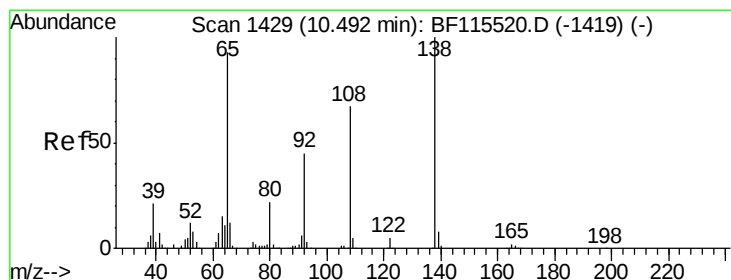
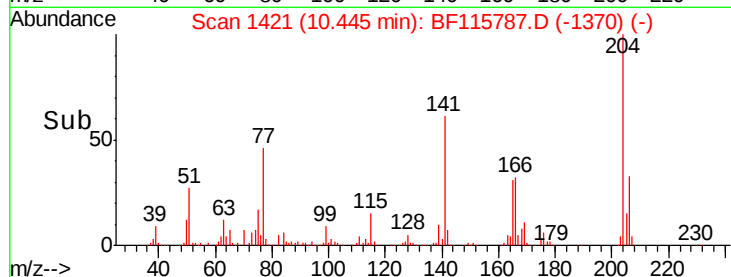
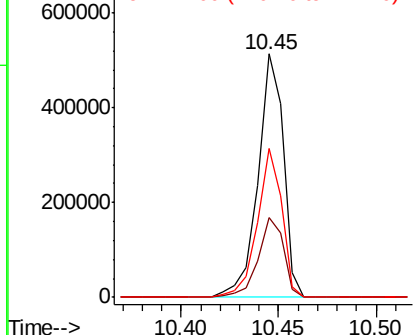
#61
4-Chlorophenyl-phenylether
Concen: 38.928 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 463786
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 61.1 47.3 70.9

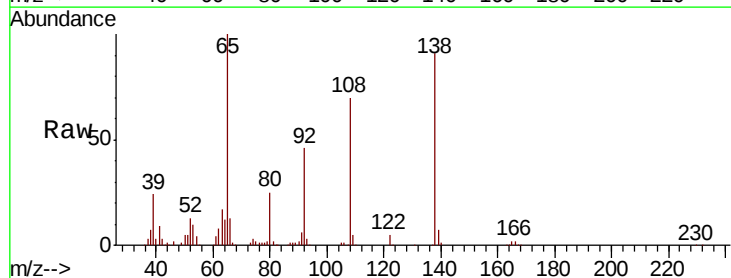


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

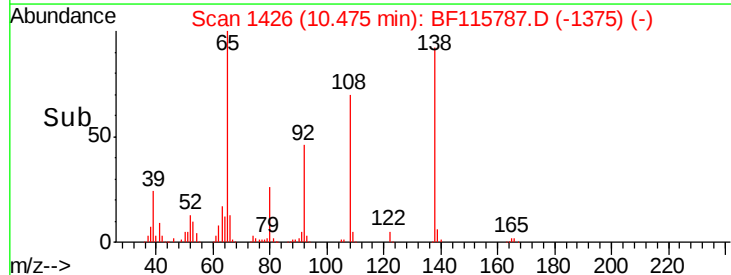
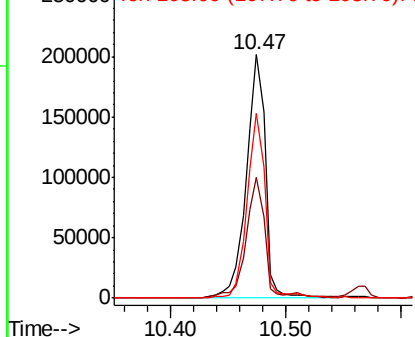


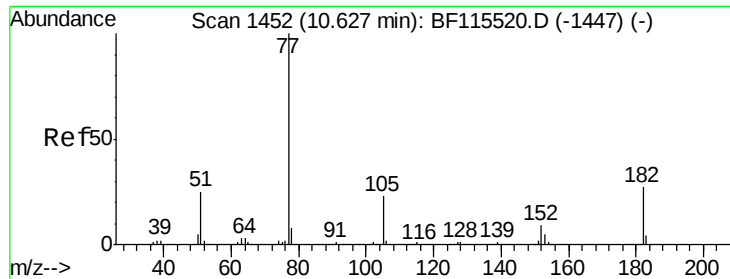
#62
4-Nitroaniline
Concen: 36.236 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:138 Resp: 230784
Ion Ratio Lower Upper
138 100
92 49.8 30.3 70.3
108 76.1 55.0 95.0



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

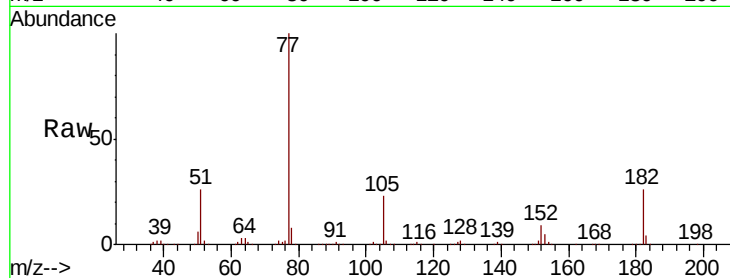




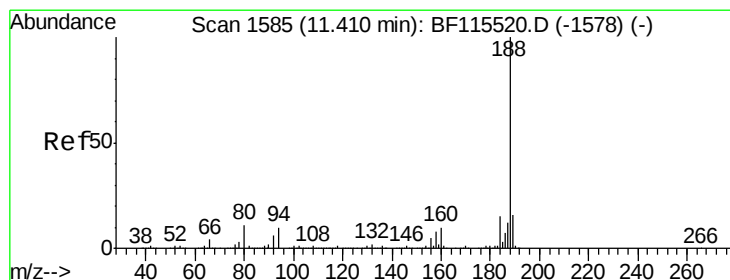
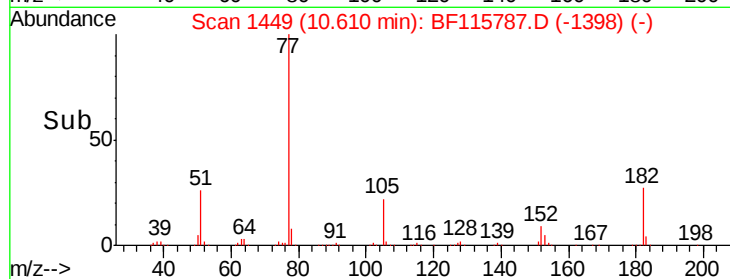
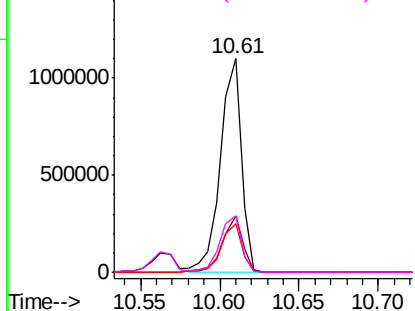
#63
Azobenzene
Concen: 43.534 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1011547
Ion Ratio Lower Upper
77 100
182 26.5 6.9 46.9
105 23.0 3.1 43.1
51 26.5 6.7 46.7

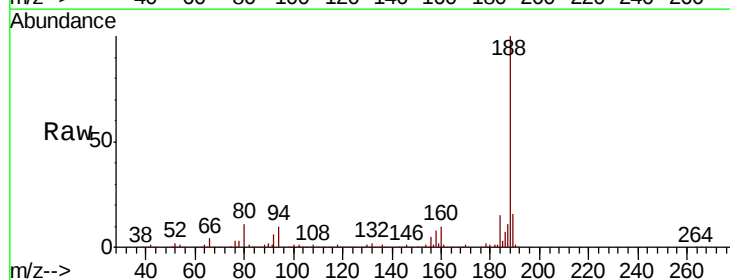


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

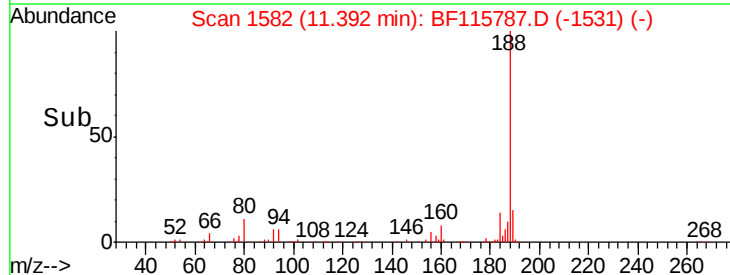
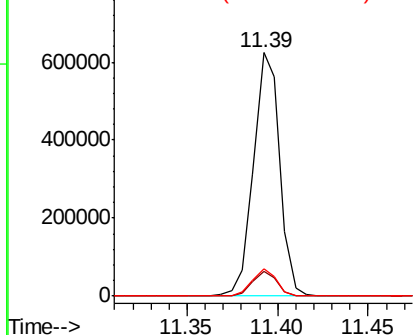


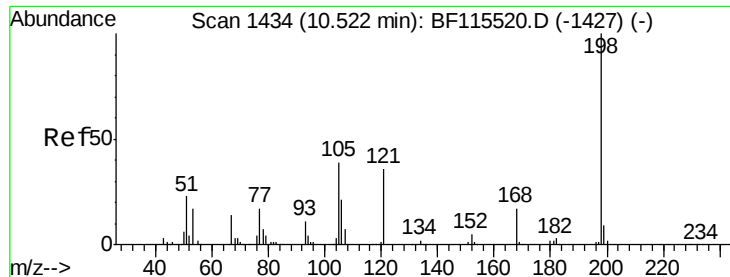
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion: 188 Resp: 627893
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 11.0 9.0 13.6



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: 39.536 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

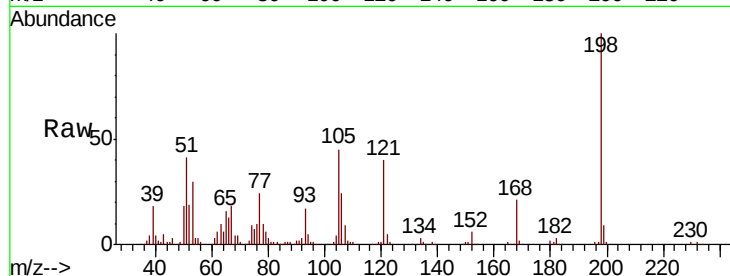
Tot Ion:198 Resp: 151668

Ion Ratio Lower Upper

198 100

51 41.4 20.3 60.3

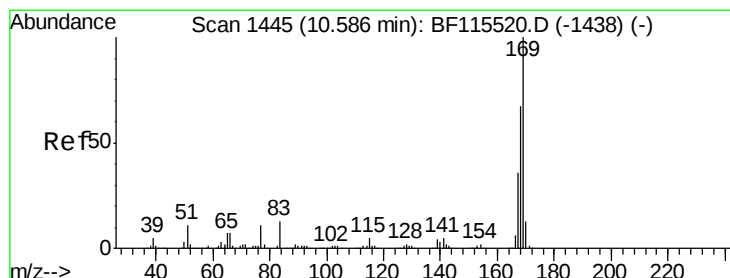
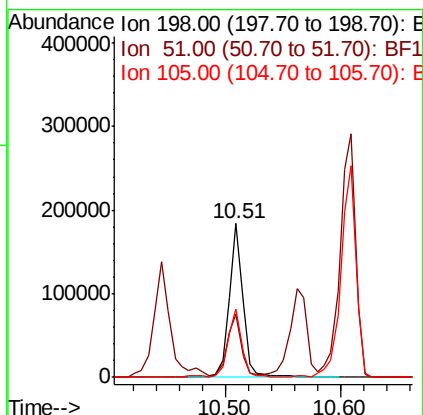
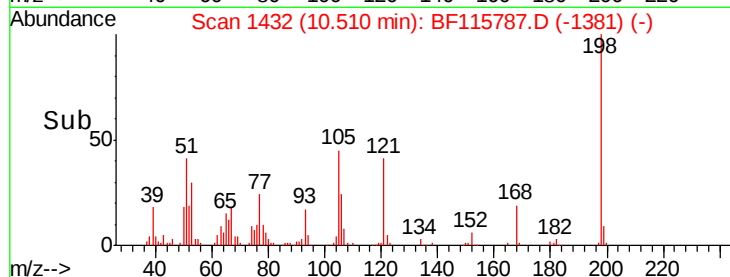
105 44.6 24.7 64.7



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: 42.009 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

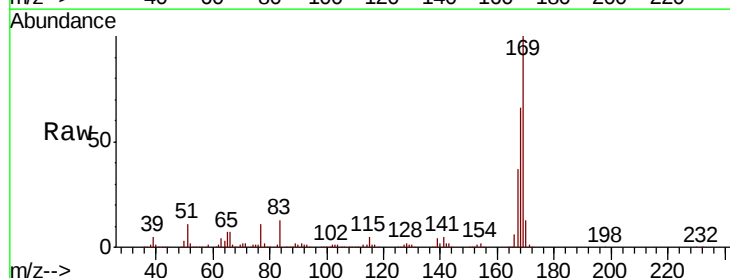
Tgt Ion:169 Resp: 820494

Ion Ratio Lower Upper

169 100

168 66.3 53.4 80.0

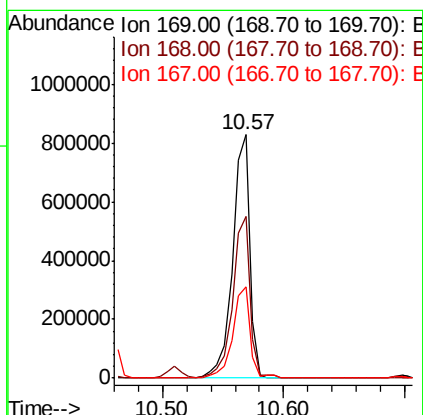
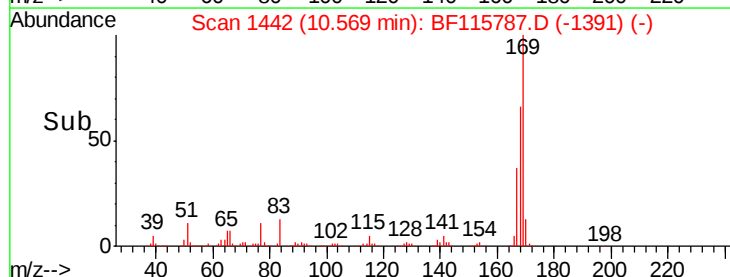
167 37.4 29.1 43.7

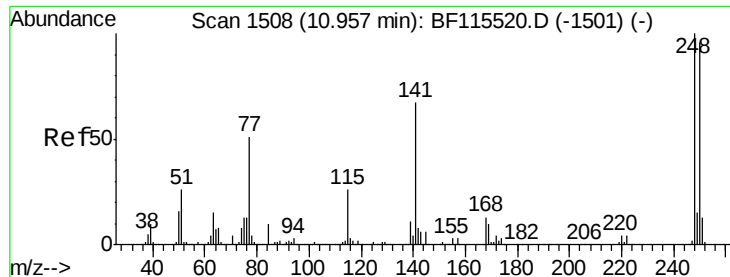


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

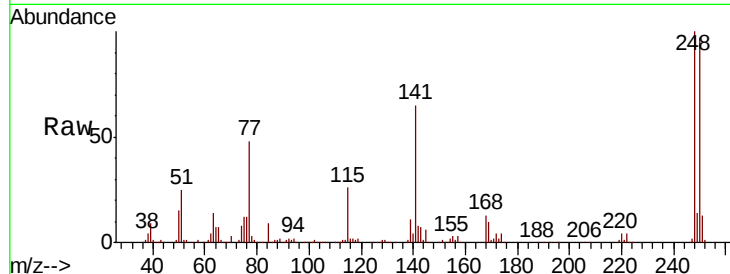




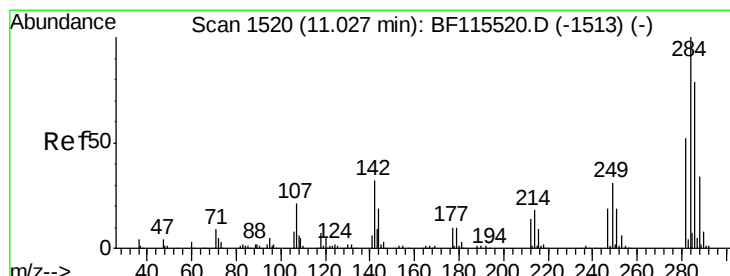
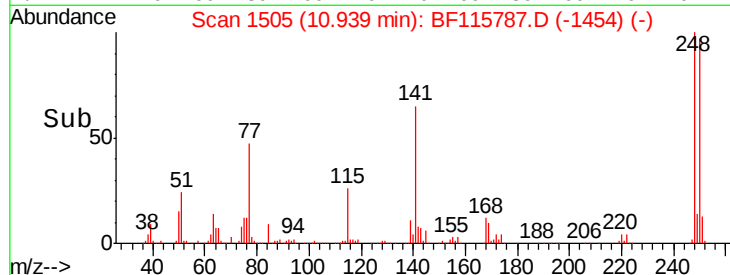
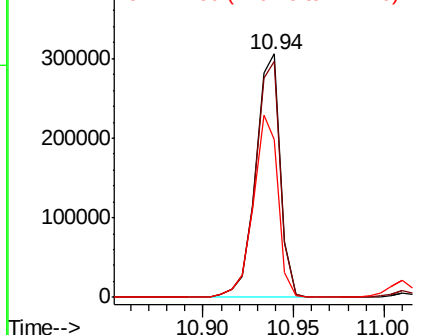
#67
4-Bromophenyl-phenylether
Concen: 40.374 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 289696
Ion Ratio Lower Upper
248 100
250 96.9 77.0 115.4
141 64.6 52.1 78.1

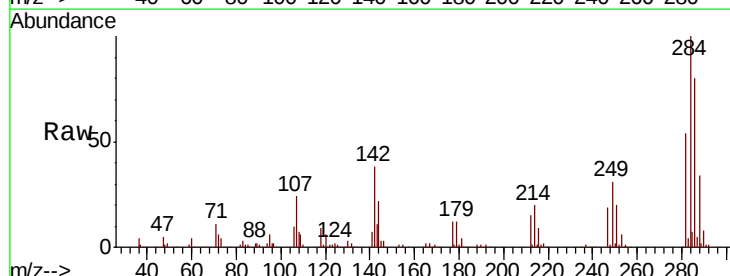


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

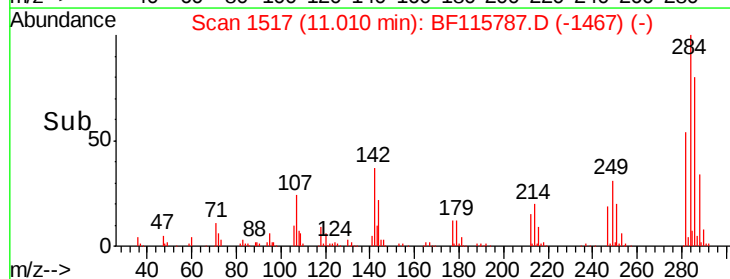
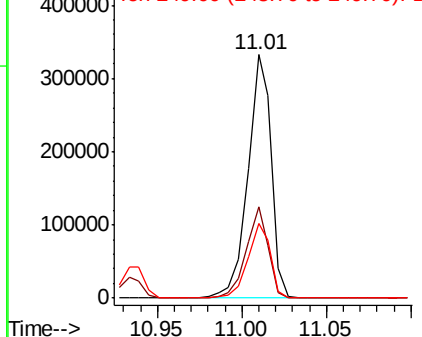


#68
Hexachlorobenzene
Concen: 39.115 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:284 Resp: 320515
Ion Ratio Lower Upper
284 100
142 37.5 21.8 32.8#
249 30.8 23.1 34.7



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

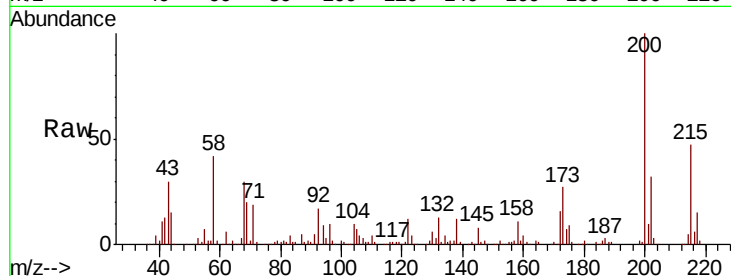




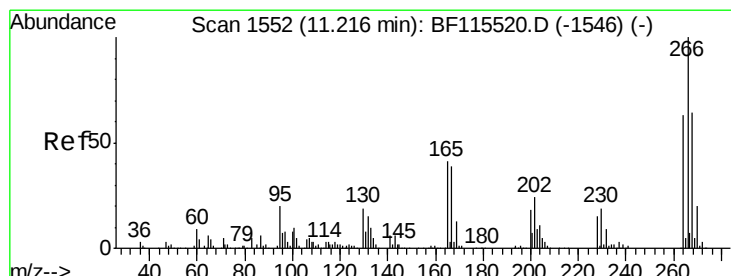
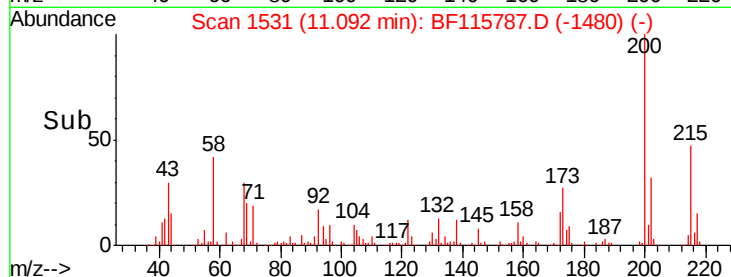
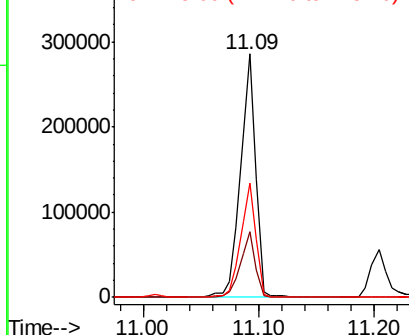
#69
Atrazine
Concen: 41.065 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 263119
Ion Ratio Lower Upper
200 100
173 27.0 6.9 46.9
215 47.0 26.6 66.6

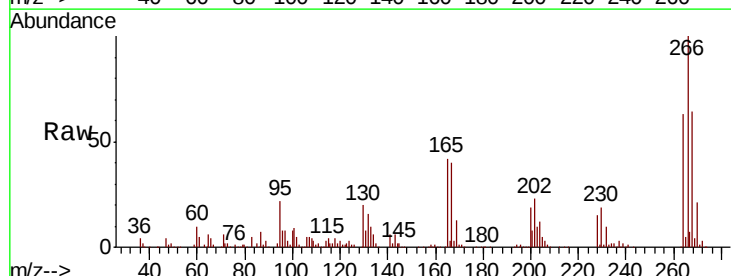


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

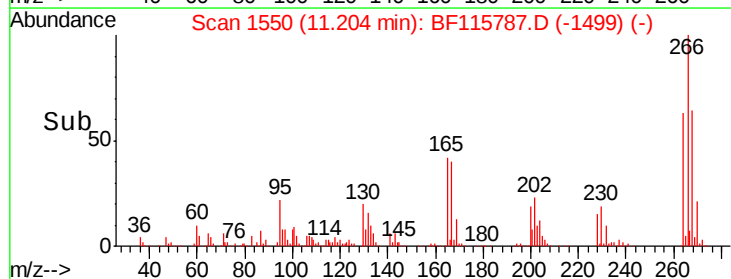
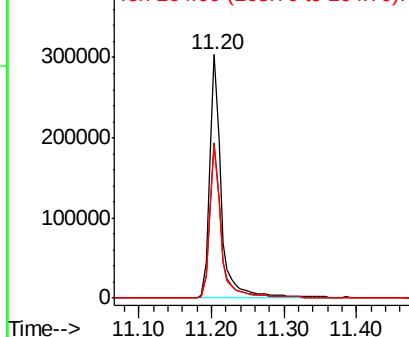


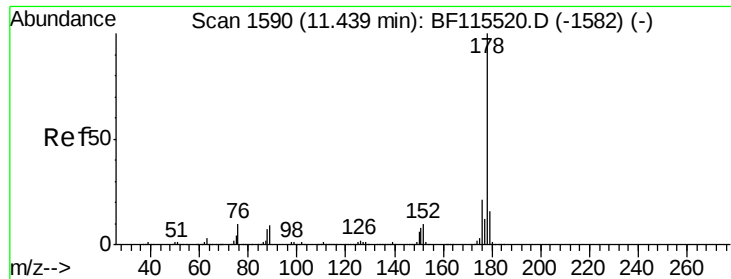
#70
Pentachlorophenol
Concen: 68.288 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:266 Resp: 342244
Ion Ratio Lower Upper
266 100
268 63.7 51.2 76.8
264 62.9 50.0 75.0



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





#71

Phenanthrene

Concen: 40.624 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

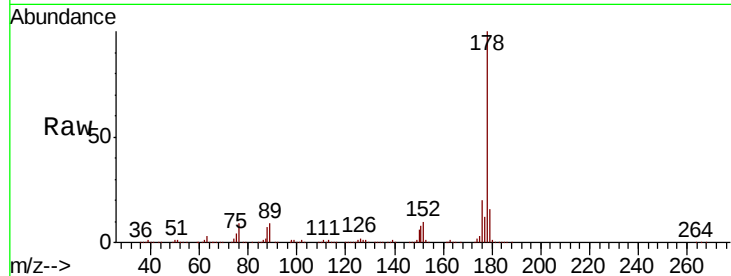
Tot Ion:178 Resp: 1307497

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

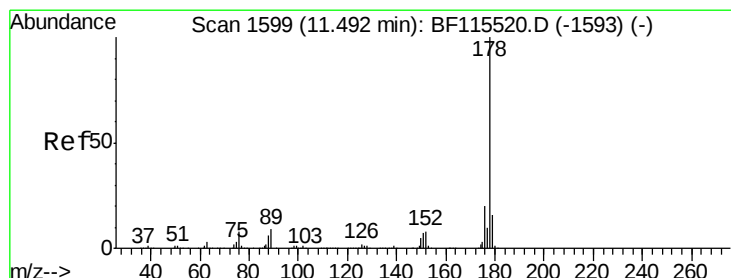
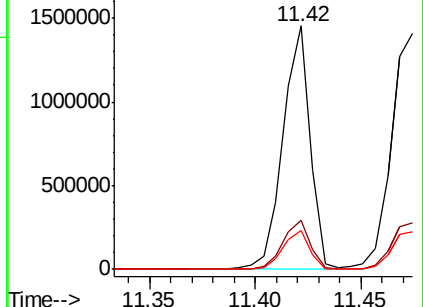
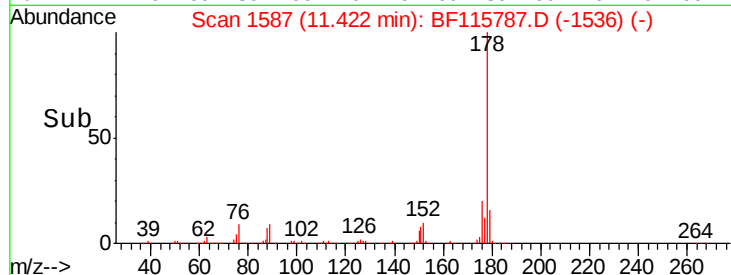
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.721 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

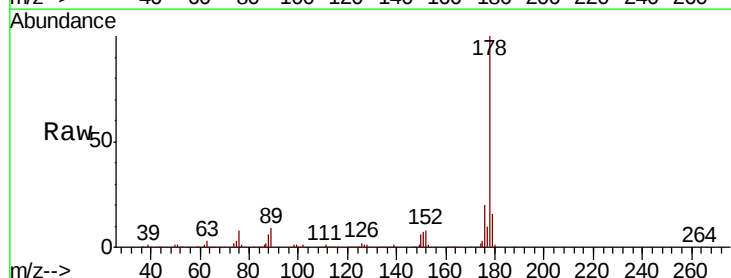
Tgt Ion:178 Resp: 1354486

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

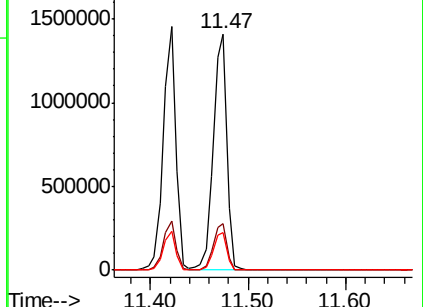
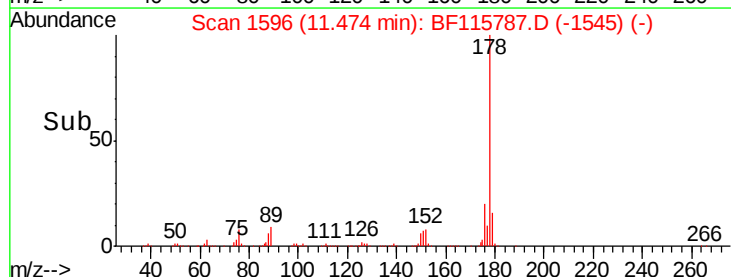
179 15.8 12.6 18.8

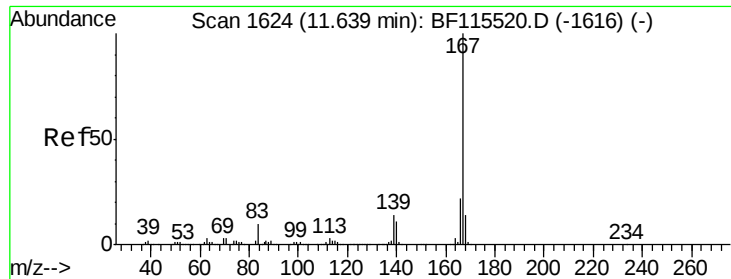


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.047 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

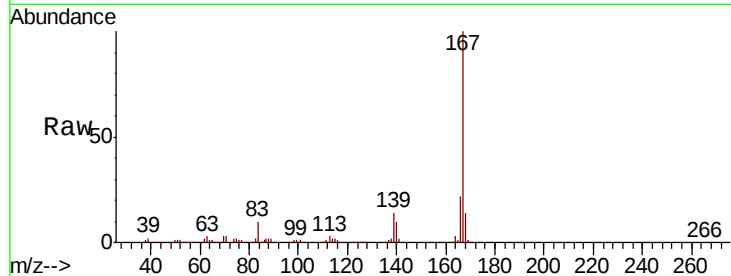
Tot Ion:167 Resp: 1197267

Ion Ratio Lower Upper

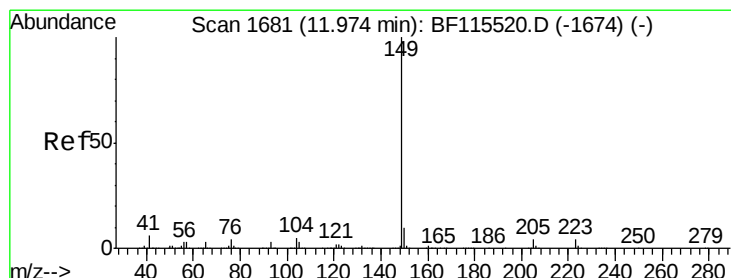
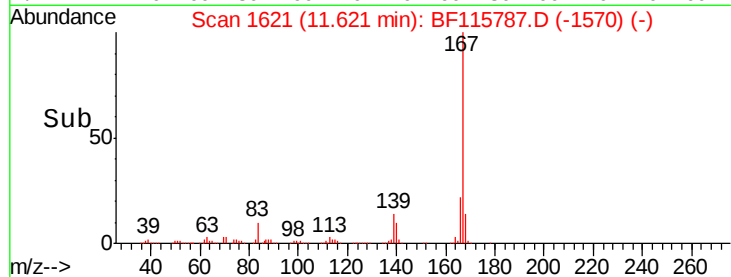
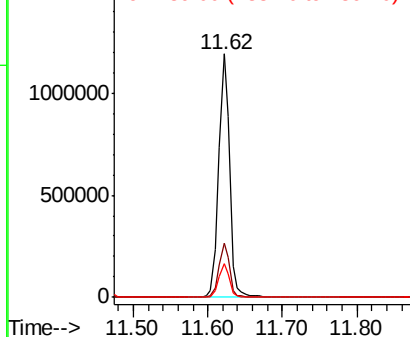
167 100

166 22.1 18.0 27.0

139 13.9 11.1 16.7



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



#74

Di-n-butylphthalate

Concen: 41.928 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

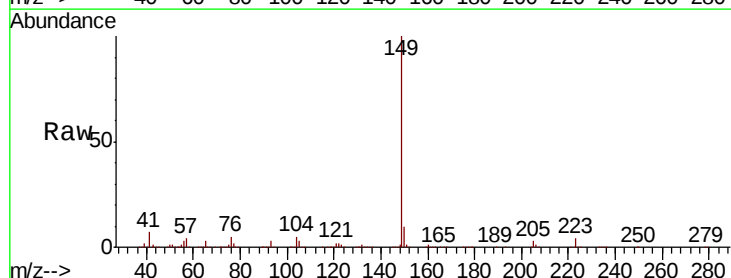
Tgt Ion:149 Resp: 1506431

Ion Ratio Lower Upper

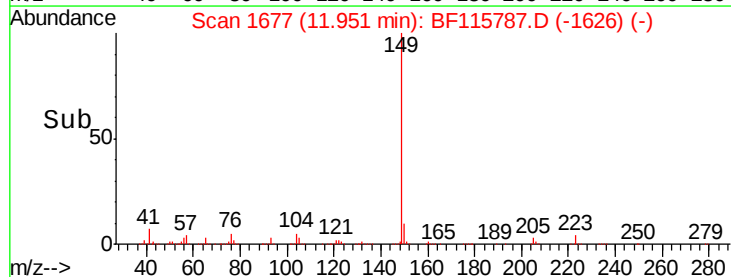
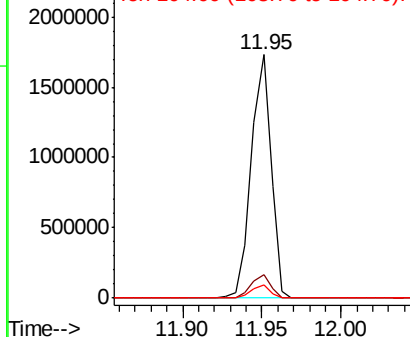
149 100

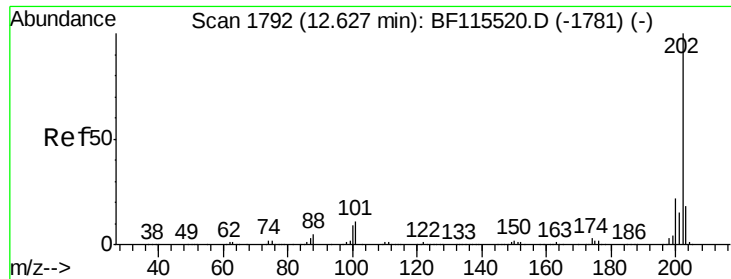
150 9.8 8.0 12.0

104 5.4 4.3 6.5



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

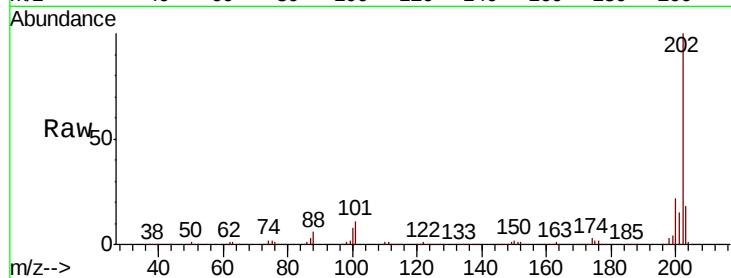




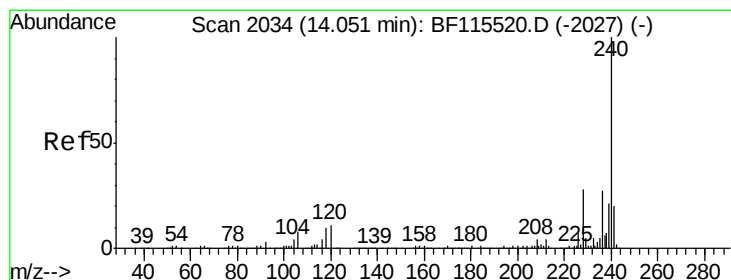
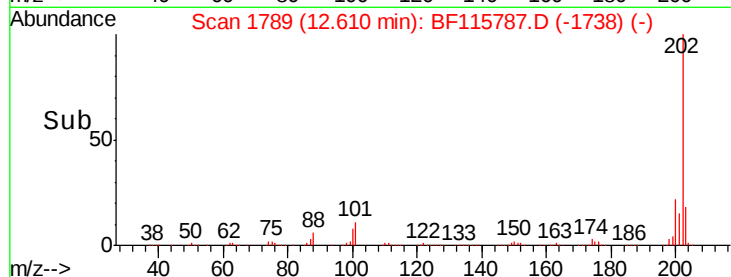
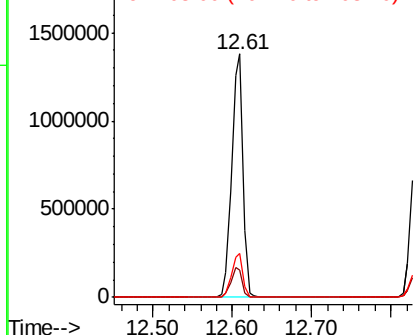
#75
 Fluoranthene
 Concen: 39.729 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1351219
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.6
 203 18.0 0.0 38.0

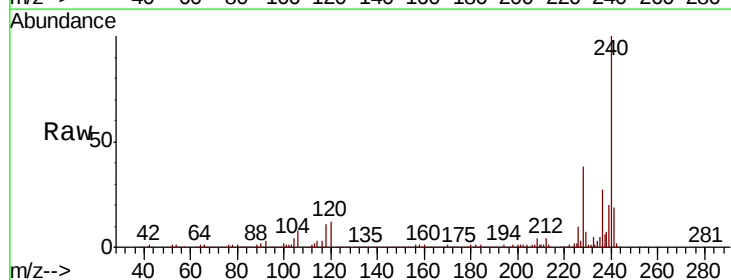


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

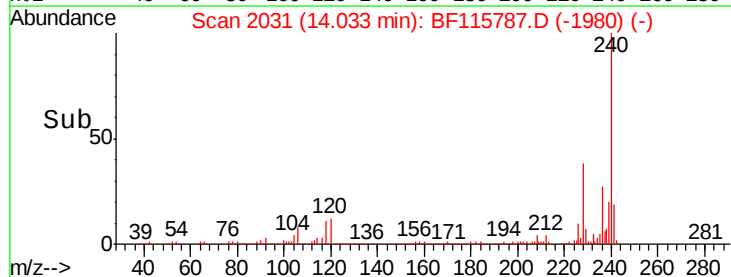
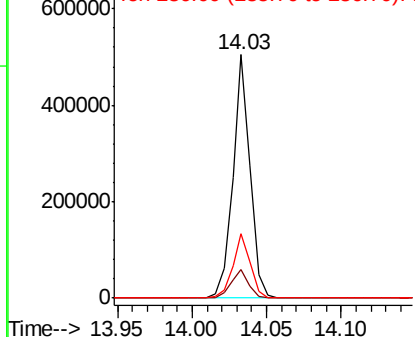


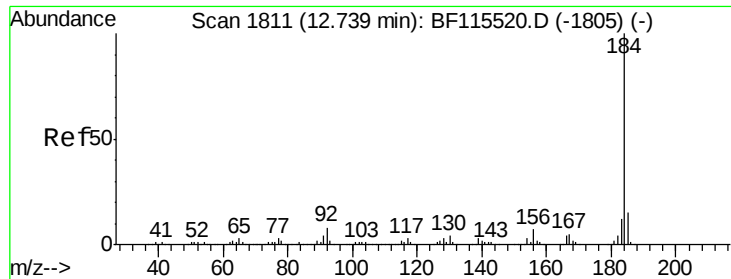
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion:240 Resp: 411260
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.0 15.0
 236 26.7 21.8 32.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.472 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

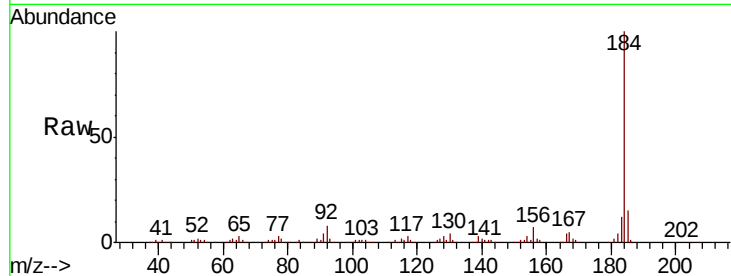
Tot Ion:184 Resp: 341960

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.5	18.7
183	11.6	9.2	13.8

184 100

185 14.7 12.5 18.7

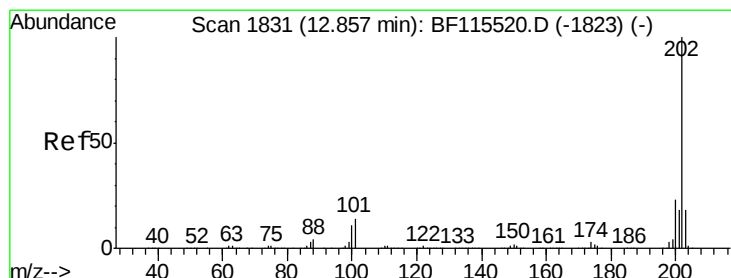
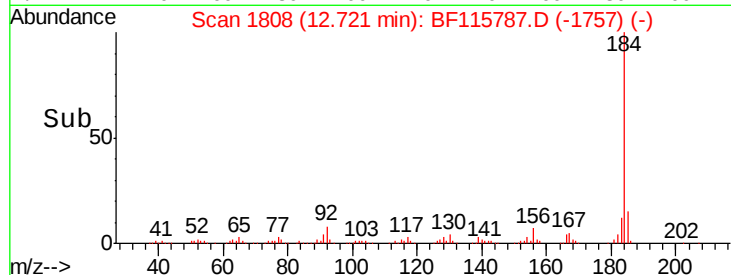
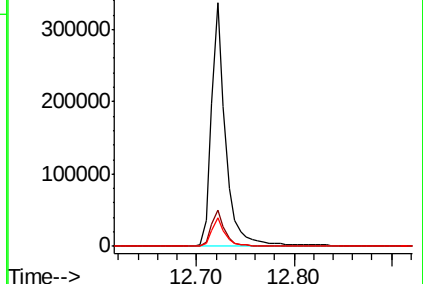
183 11.6 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.840 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

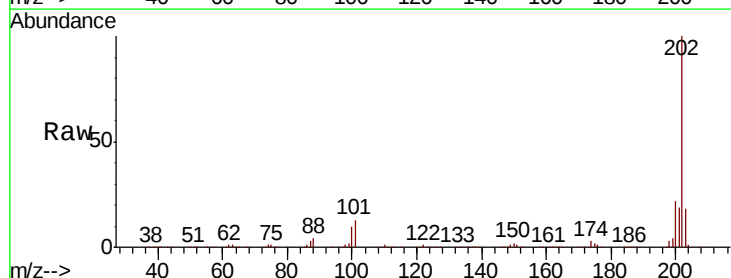
Tgt Ion:202 Resp: 1353331

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.2	27.4
203	17.8	14.6	21.8

202 100

200 22.4 18.2 27.4

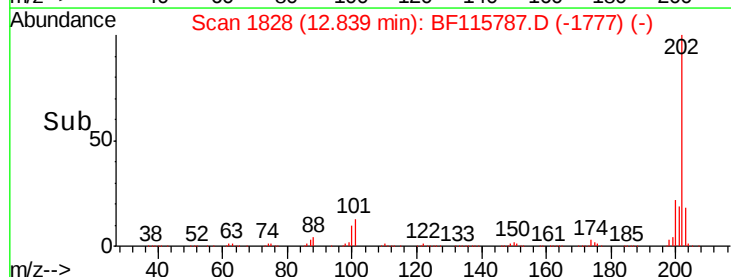
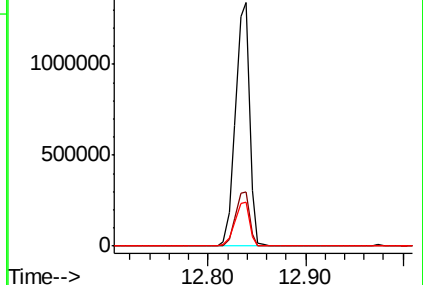
203 17.8 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.242 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

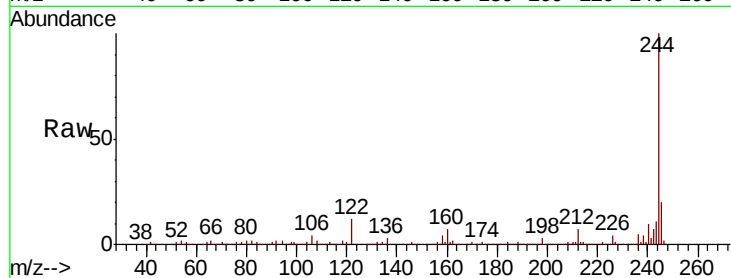
Tot Ion:244 Resp: 1766178

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

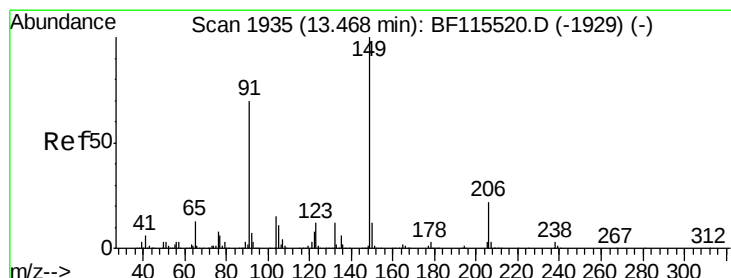
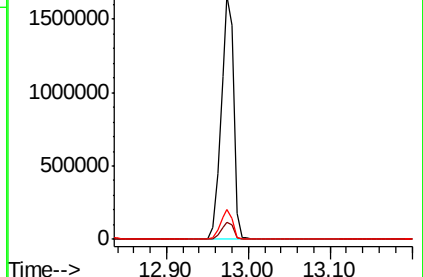
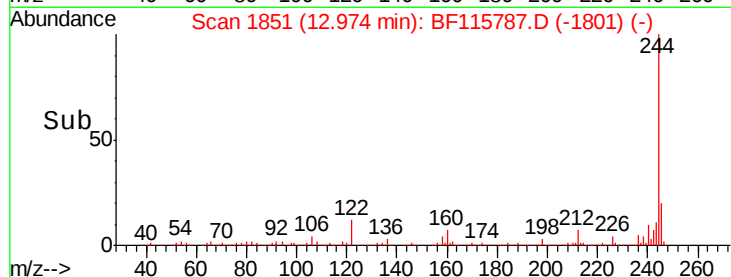
122 12.0 8.2 12.4



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: 41.593 ng

RT: 13.44 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

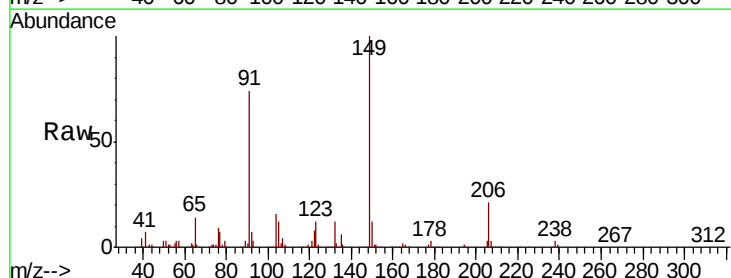
Tgt Ion:149 Resp: 617806

Ion Ratio Lower Upper

149 100

91 73.6 59.8 89.8

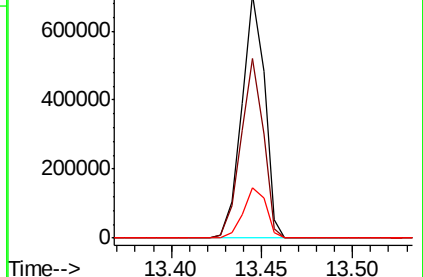
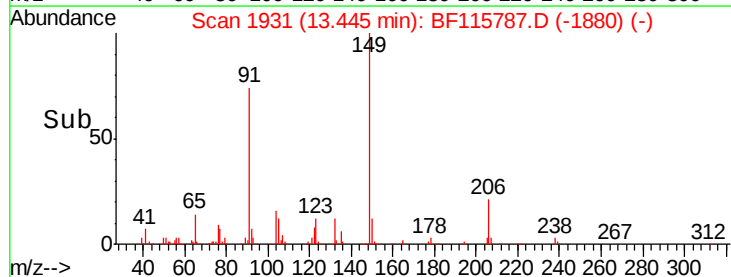
206 20.5 16.2 24.4



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: 40.454 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

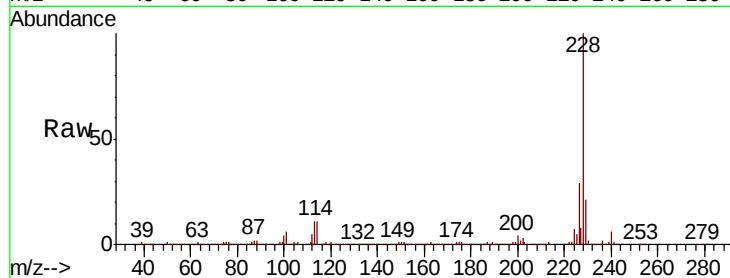
Tot Ion:228 Resp: 1096051

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.2
229	20.6	16.1	24.1

228 100

226 28.5 22.2 33.2

229 20.6 16.1 24.1

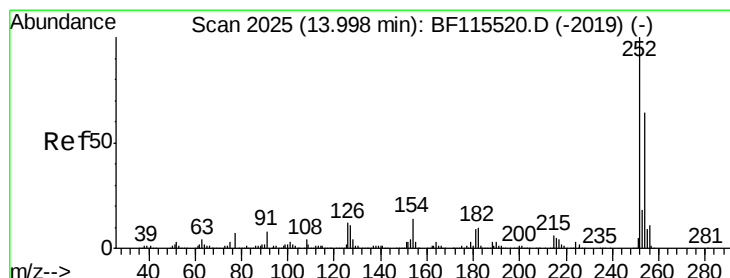
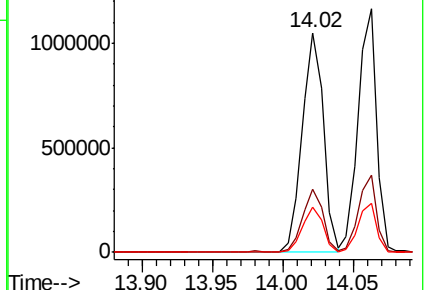
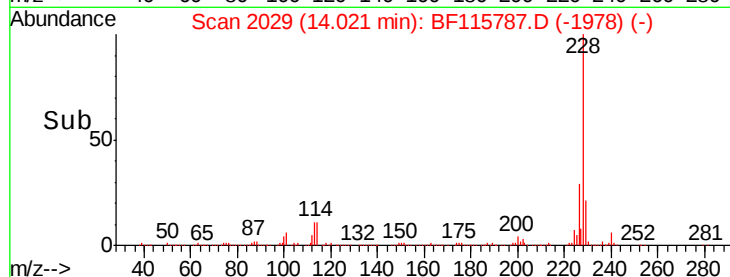


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.840 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

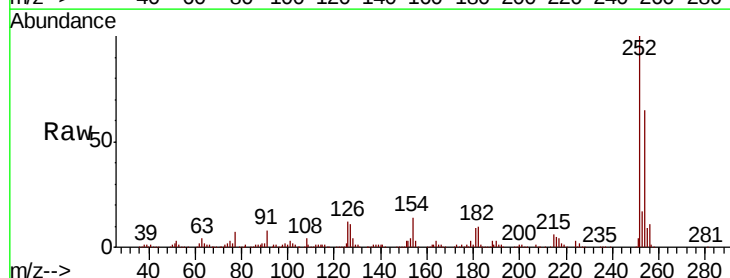
Tgt Ion:252 Resp: 316304

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.6	77.4
126	11.9	9.9	14.9

252 100

254 65.0 51.6 77.4

126 11.9 9.9 14.9

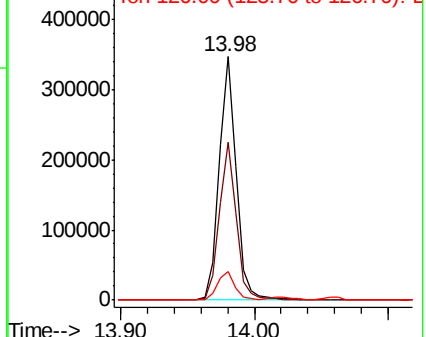
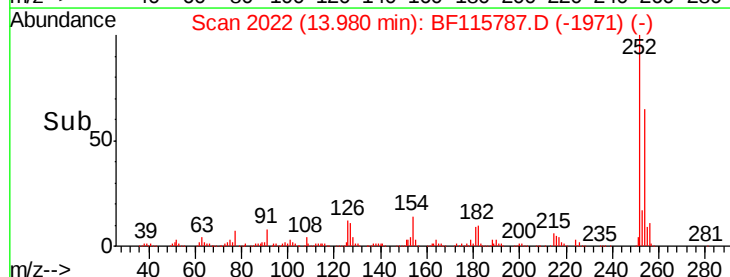


Abundance

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

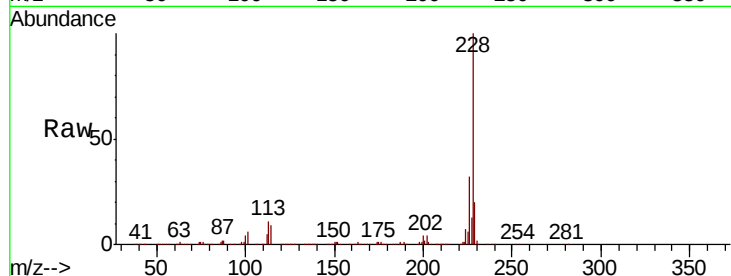




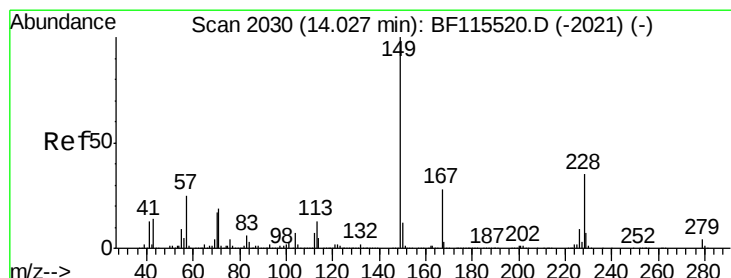
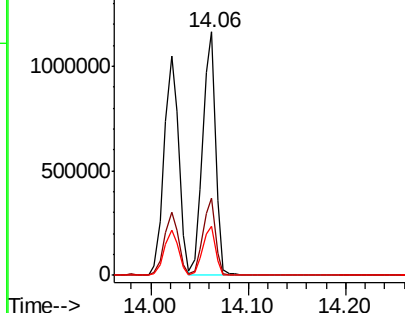
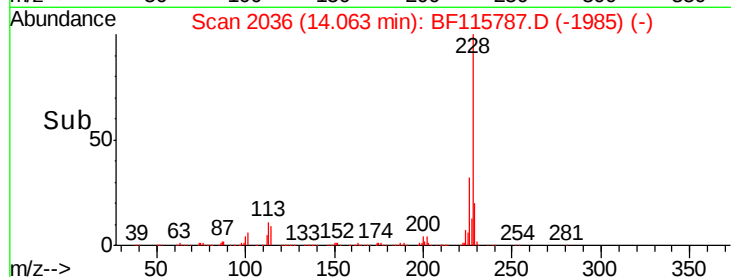
#83
 Chrvsene
 Concen: 39.294 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1068738
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.4
 229 20.3 16.2 24.2

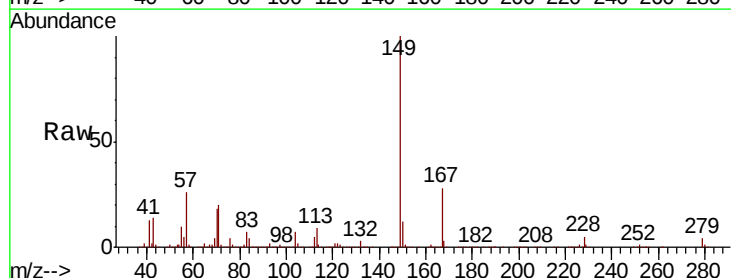


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

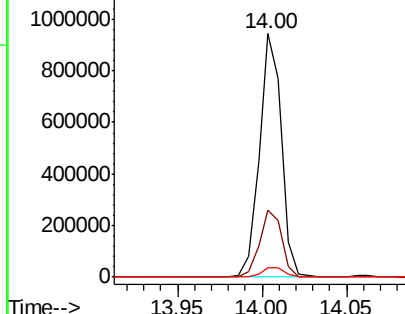
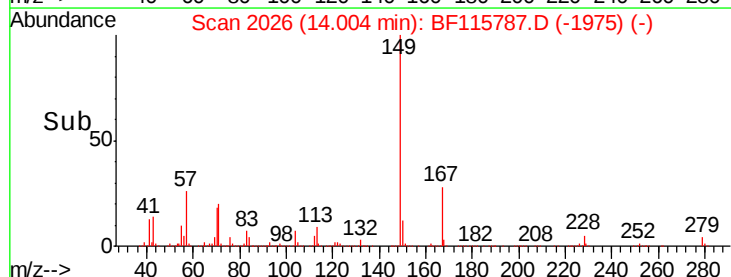


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.298 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion:149 Resp: 851828
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.5 33.7
 279 4.0 3.1 4.7



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: 47.194 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

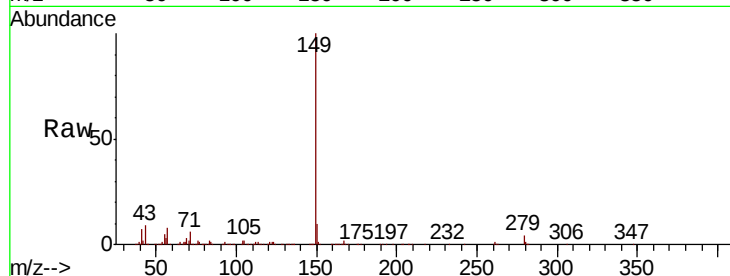
Tot Ion:149 Resp: 1381578

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

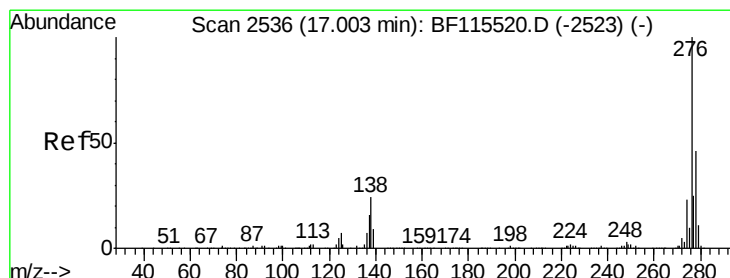
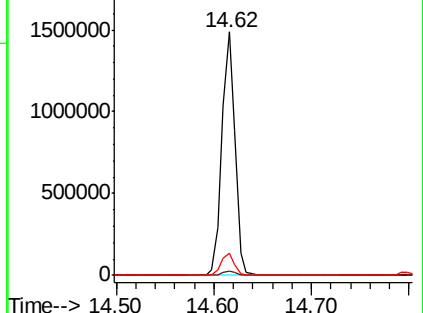
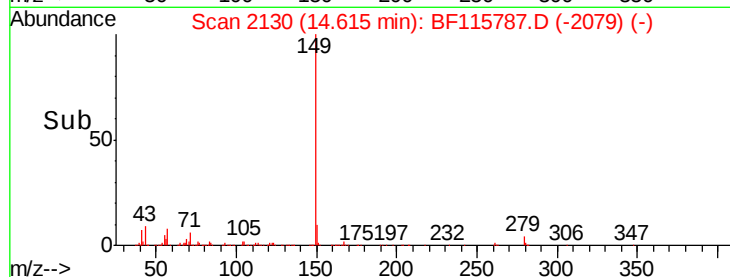
43 8.9 7.4 11.0



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: 37.263 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

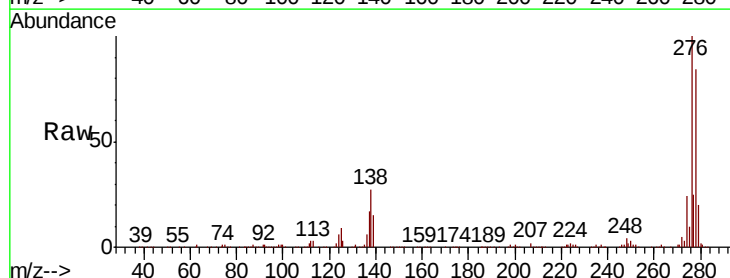
Tgt Ion:276 Resp: 861055

Ion Ratio Lower Upper

276 100

138 24.8 20.1 30.1

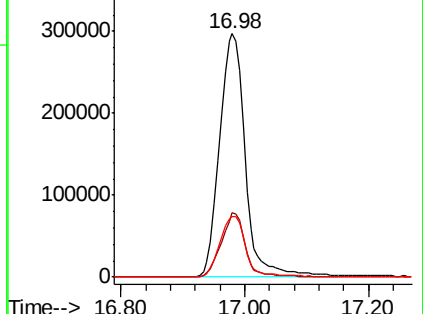
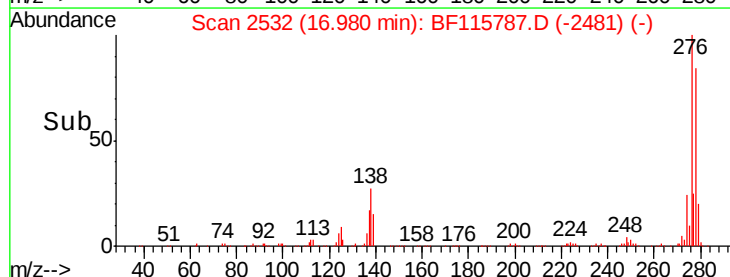
277 25.4 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



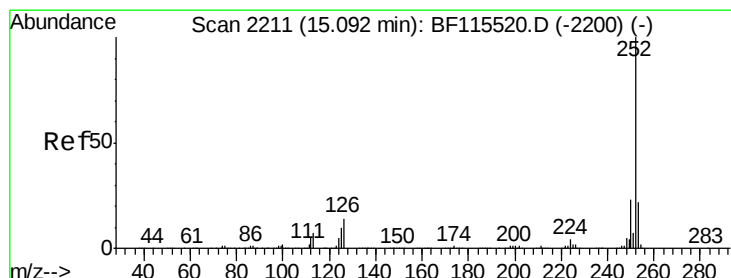
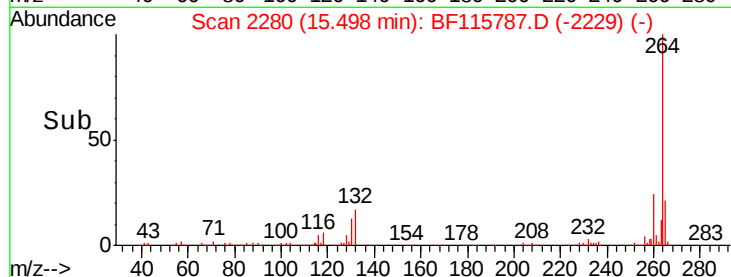
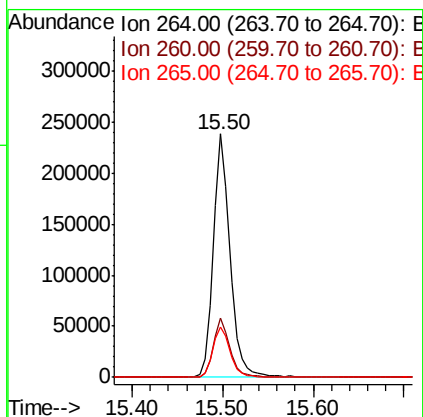
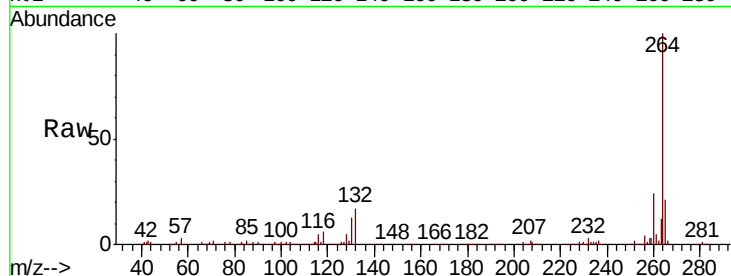


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 306435

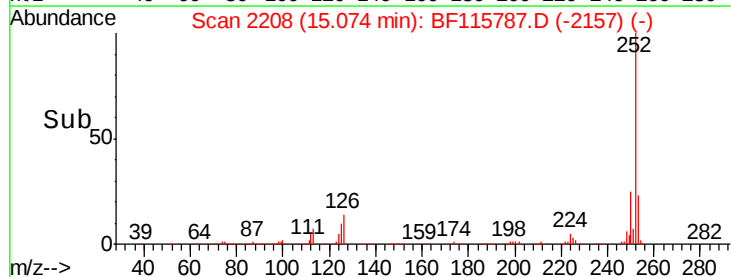
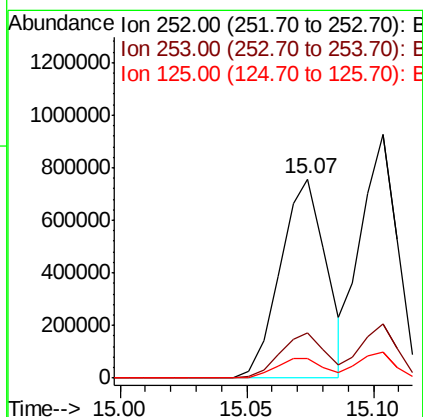
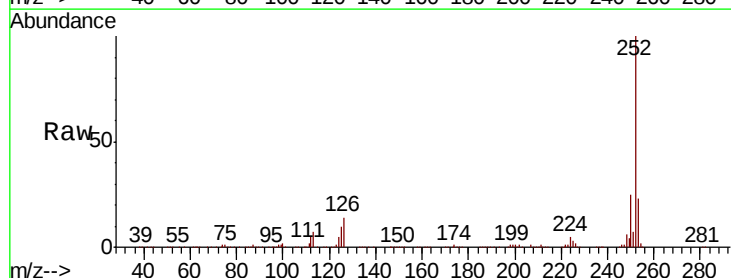
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	20.9	17.5	26.3

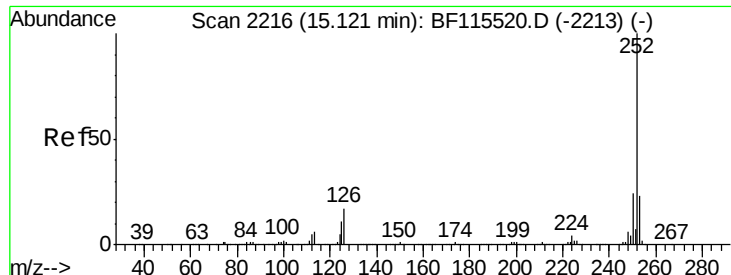


#88
Benzo(b)fluoranthene
Concen: 48.536 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:252 Resp: 957702

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.1	8.4	12.6

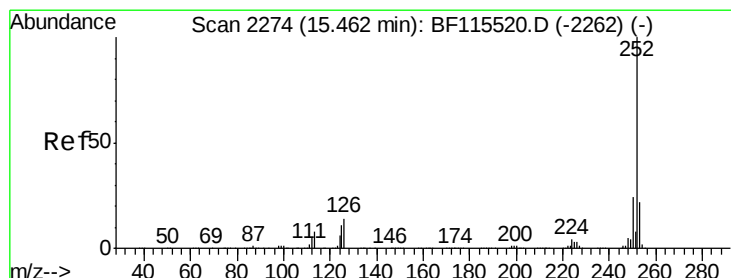
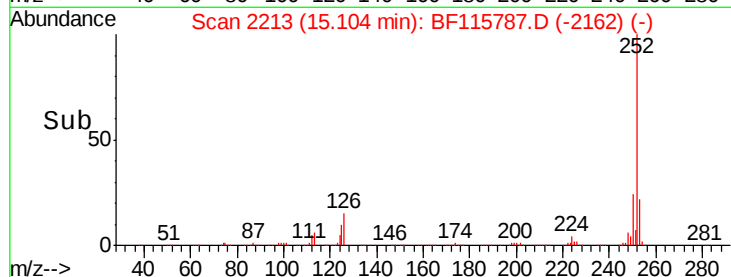
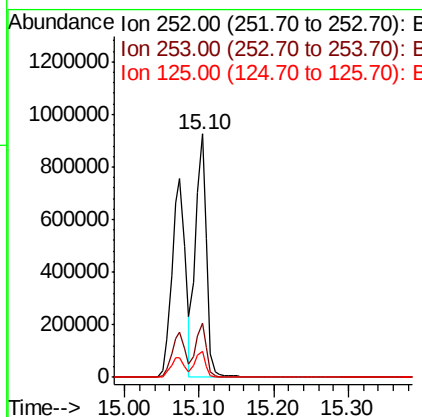
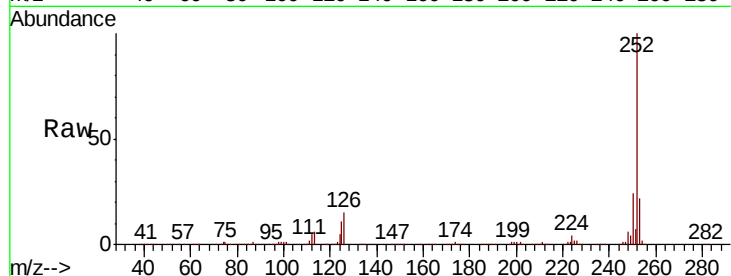




#89
Benzo(k)fluoranthene
Concen: 53.837 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

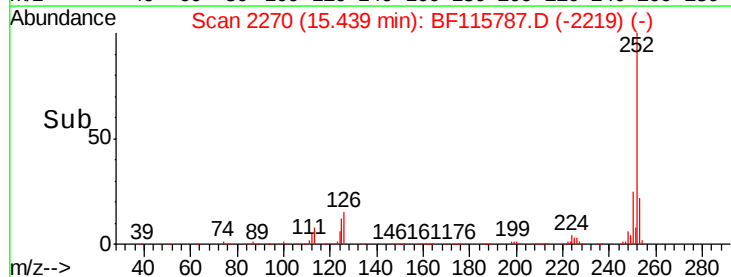
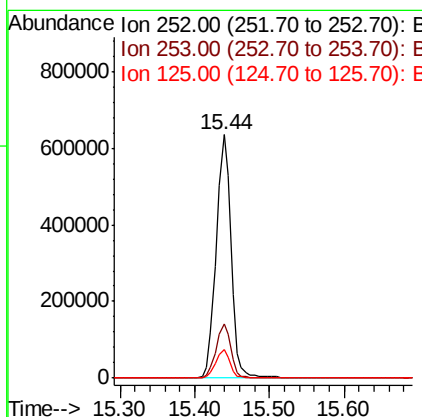
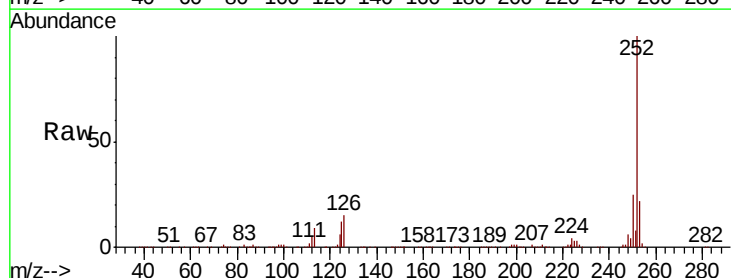
Instrument :
BNA_F
ClientSampleId :

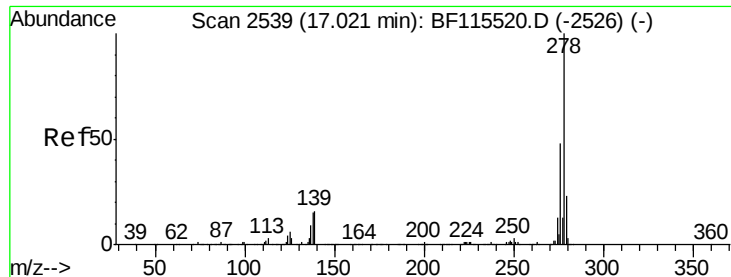
Tot Ion:252 Resp: 947106
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.6 8.6 13.0



#90
Benzo(a)pyrene
Concen: 51.759 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:252 Resp: 877792
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 11.8 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 50.018 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

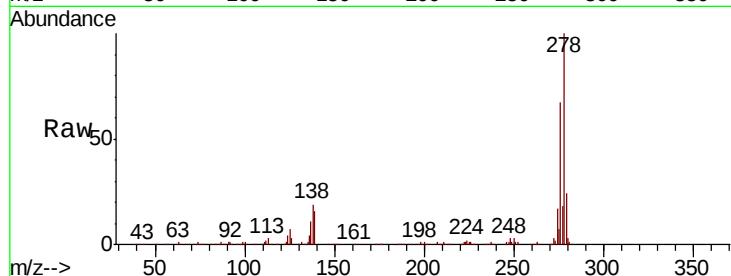
Tot Ion:278 Resp: 744697

Ion Ratio Lower Upper

278 100

139 16.4 13.6 20.4

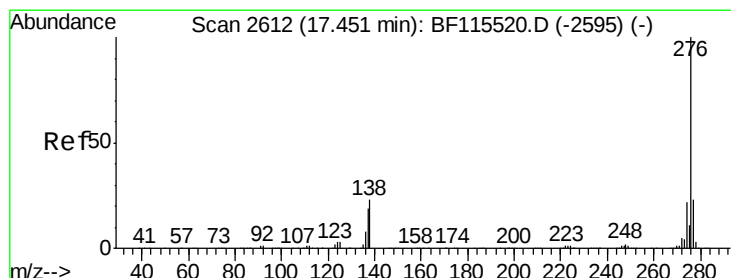
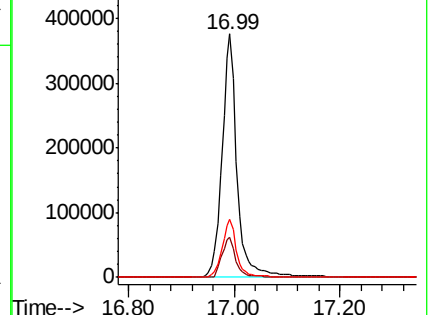
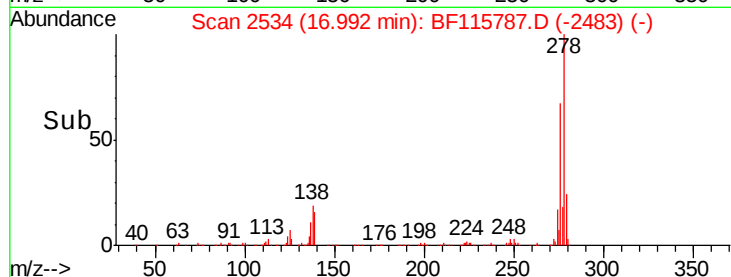
279 23.9 19.6 29.4



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: 46.507 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

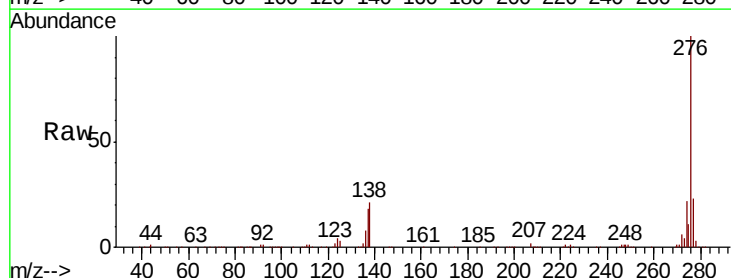
Tgt Ion:276 Resp: 690570

Ion Ratio Lower Upper

276 100

277 22.9 18.1 27.1

138 20.9 16.6 24.8



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

