

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115557.D
 Acq On : 15 Jul 2019 15:32
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:36:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	183621	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	729637	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	388949	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	715013	20.00	ng	0.00
76) Chrysene-d12	14.04	240	500332	20.00	ng	0.00
87) Perylene-d12	15.51	264	473780	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	929694	82.82	ng	0.00
7) Phenol-d6	6.51	99	1190729	83.59	ng	0.00
23) Nitrobenzene-d5	7.45	82	1069644	85.24	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	363304	80.02	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1905388	85.74	ng	0.00
79) Terphenyl-d14	12.99	244	2036824	75.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	227902	40.700	ng	99
3) Pyridine	3.45	79	633594	41.705	ng	100
4) n-Nitrosodimethylamine	3.40	42	221542	40.197	ng	99
6) Aniline	6.55	93	831719	41.958	ng	99
8) 2-Chlorophenol	6.67	128	543039	42.075	ng	99
9) Benzaldehyde	6.43	77	354491	39.825	ng	95
10) Phenol	6.53	94	696227	42.105	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	520366	41.334	ng	97
12) 1,3-Dichlorobenzene	6.83	146	602184	41.498	ng	99
13) 1,4-Dichlorobenzene	6.90	146	601934	41.575	ng	96
14) 1,2-Dichlorobenzene	7.06	146	553809	41.844	ng	97
15) Benzyl Alcohol	7.02	79	479272	42.415	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	686159	41.399	ng	98
17) 2-Methylphenol	7.13	107	459195	41.285	ng	99
18) Hexachloroethane	7.40	117	221025	41.129	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	376143	40.490	ng	97
20) 3+4-Methylphenols	7.29	107	536942	40.642	ng	95
22) Acetophenone	7.29	105	707759	42.937	ng	95
24) Nitrobenzene	7.46	77	575671	42.534	ng	96
25) Isophorone	7.70	82	1025511	40.842	ng	99
26) 2-Nitrophenol	7.78	139	293847	42.181	ng	98
27) 2,4-Dimethylphenol	7.82	122	437956	42.017	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	647486	42.034	ng	99
29) 2,4-Dichlorophenol	8.02	162	446489	41.188	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	506487	41.334	ng	97
31) Naphthalene	8.19	128	1489397	42.149	ng	98
32) Benzoic acid	7.94	122	290481	33.958	ng	98
33) 4-Chloroaniline	8.23	127	659541	42.137	ng	98
34) Hexachlorobutadiene	8.31	225	295201	42.010	ng	99
35) Caprolactam	8.62	113	143364	42.798	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	475426	42.280	ng	99
37) 2-Methylnaphthalene	8.88	142	998017	42.608	ng	98
38) 1-Methylnaphthalene	8.98	142	981072	44.096	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	486992	41.578	ng	97

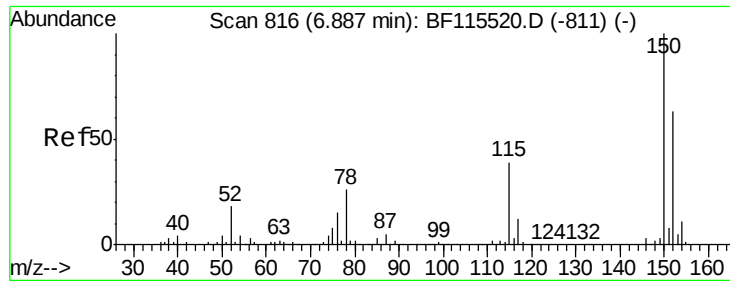
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115557.D
 Acq On : 15 Jul 2019 15:32
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:36:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	271663	40.660	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	349768	40.835	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	358071	40.821	ng	98
46) 1,1'-Biphenyl	9.35	154	1248715	41.066	ng	99
47) 2-Chloronaphthalene	9.37	162	1044778	41.265	ng	98
48) 2-Nitroaniline	9.46	65	324777	41.444	ng	99
49) Acenaphthylene	9.79	152	1547909	41.259	ng	99
50) Dimethylphthalate	9.65	163	1199486	40.989	ng	99
51) 2,6-Dinitrotoluene	9.70	165	276640	41.598	ng	90
52) Acenaphthene	9.96	154	1006012	41.534	ng	99
53) 3-Nitroaniline	9.87	138	314615	41.399	ng	99
54) 2,4-Dinitrophenol	9.97	184	151761	44.448	ng	93
55) Dibenzofuran	10.13	168	1381832	40.173	ng	100
56) 4-Nitrophenol	10.02	139	248605	42.899	ng	99
57) 2,4-Dinitrotoluene	10.10	165	370057	42.951	ng	96
58) Fluorene	10.47	166	977992	39.772	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	307653	41.956	ng	99
60) Diethylphthalate	10.34	149	1140297	41.589	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	514172	37.706	ng	100
62) 4-Nitroaniline	10.49	138	293928	40.321	ng	100
63) Azobenzene	10.62	77	1059721	39.847	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	186354	42.659	ng	93
66) n-Nitrosodiphenylamine	10.58	169	912408	41.023	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	335550	41.066	ng	98
68) Hexachlorobenzene	11.02	284	383654	41.115	ng	94
69) Atrazine	11.10	200	283541	38.860	ng	100
70) Pentachlorophenol	11.21	266	245159	42.956	ng	100
71) Phenanthrene	11.43	178	1519138	41.449	ng	98
72) Anthracene	11.48	178	1541800	40.705	ng	100
73) Carbazole	11.63	167	1385658	41.717	ng	99
74) Di-n-butylphthalate	11.96	149	1645752	40.225	ng	99
75) Fluoranthene	12.62	202	1593101	41.133	ng	97
77) Benzidine	12.73	184	705486	39.803	ng	100
78) Pyrene	12.84	202	1600244	37.751	ng	97
80) Butylbenzylphthalate	13.46	149	697876	38.619	ng	98
81) Benzo(a)anthracene	14.03	228	1381252	41.904	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	516223	44.055	ng	99
83) Chrysene	14.07	228	1390922	42.035	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	916442	40.942	ng	99
85) Di-n-octyl phthalate	14.63	149	1542410	43.308	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1014009	36.070	ng	99
88) Benzo(b)fluoranthene	15.08	252	1354871	44.411	ng	99
89) Benzo(k)fluoranthene	15.12	252	1116642	41.054	ng	97
90) Benzo(a)pyrene	15.45	252	1100573	41.973	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	854659	37.128	ng	99
92) Benzo(g,h,i)perylene	17.42	276	769894	33.535	ng	98

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

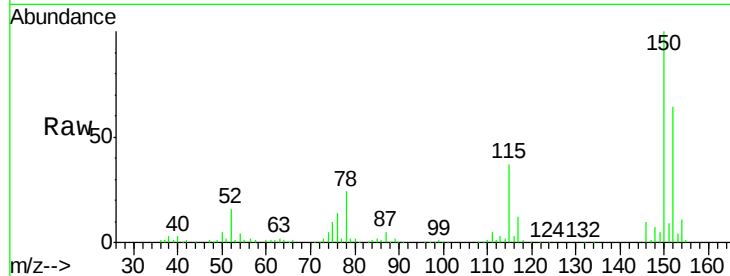


#1

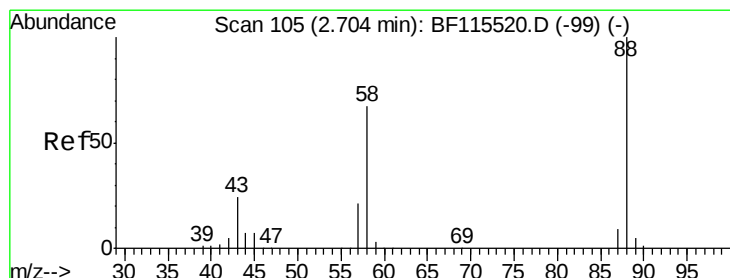
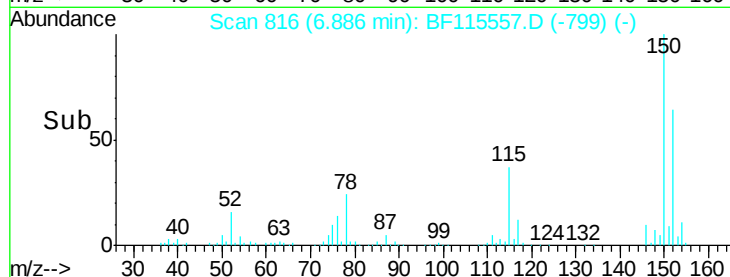
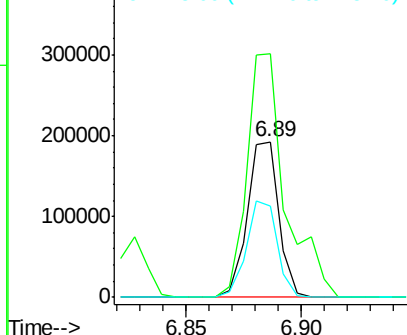
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 183621
Ion Ratio Lower Upper
152 100
150 156.7 129.7 194.5
115 58.3 48.2 72.4



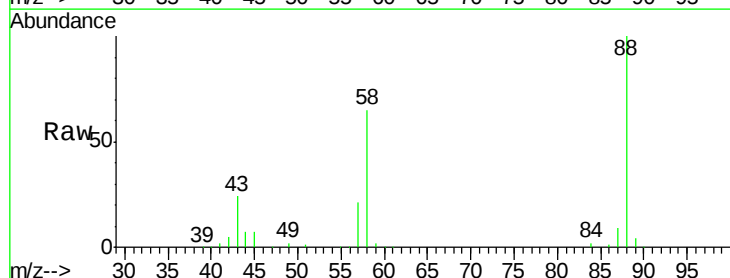
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



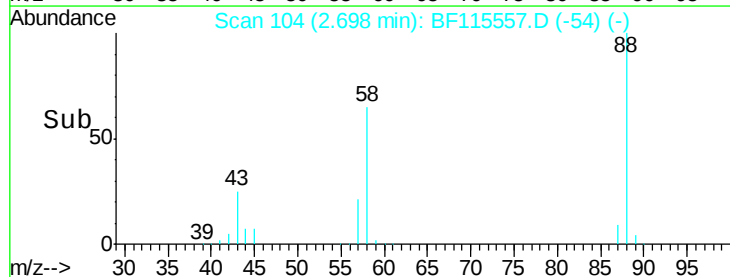
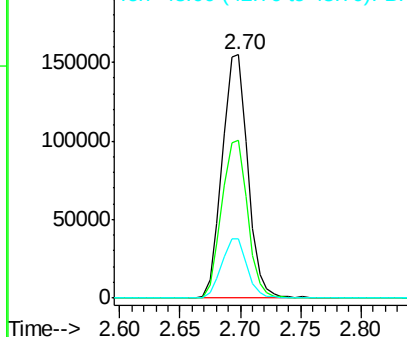
#2

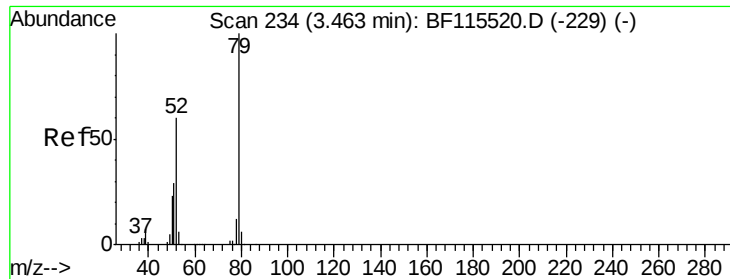
1,4-Dioxane
Concen: 40.700 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion: 88 Resp: 227902
Ion Ratio Lower Upper
88 100
58 65.3 52.6 79.0
43 24.2 19.1 28.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.705 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

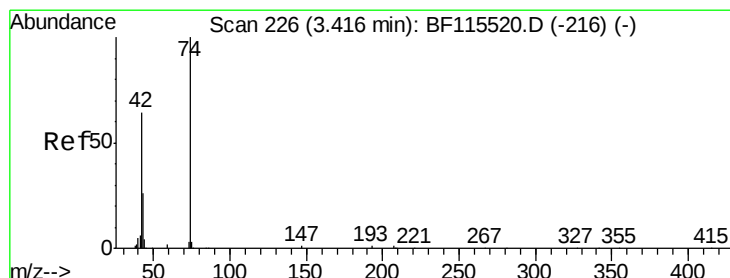
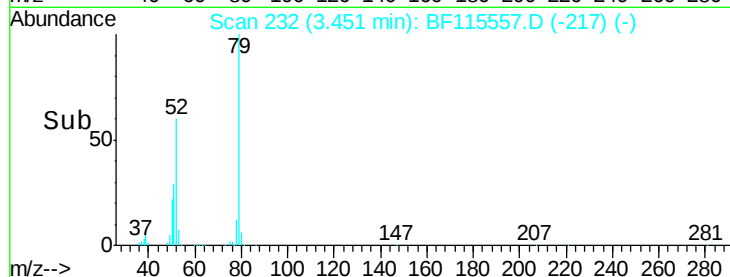
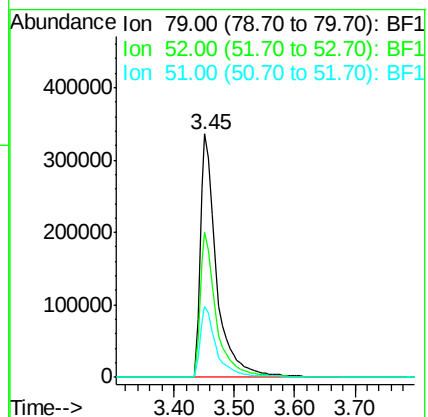
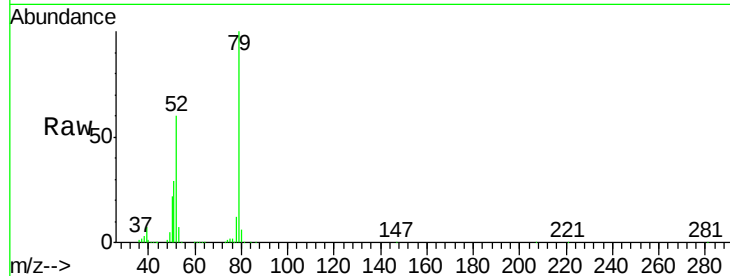
Tot Ion: 79 Resp: 633594

Ion Ratio Lower Upper

79 100

52 59.8 47.8 71.6

51 29.2 23.8 35.8



#4

n-Nitrosodimethylamine

Concen: 40.197 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

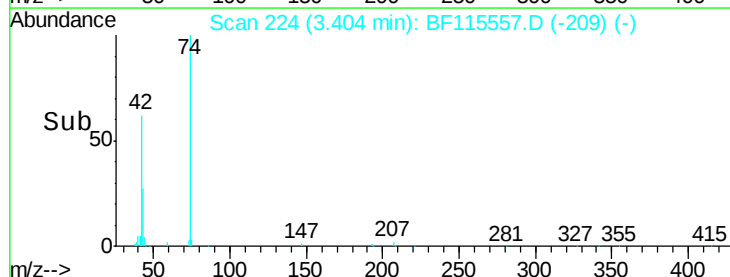
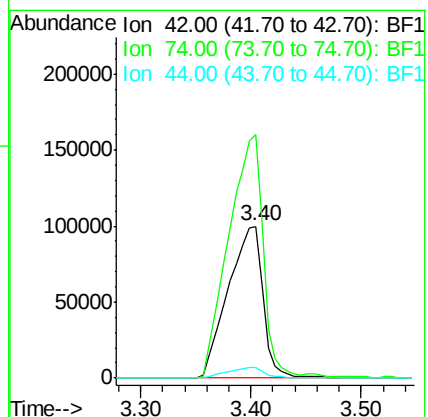
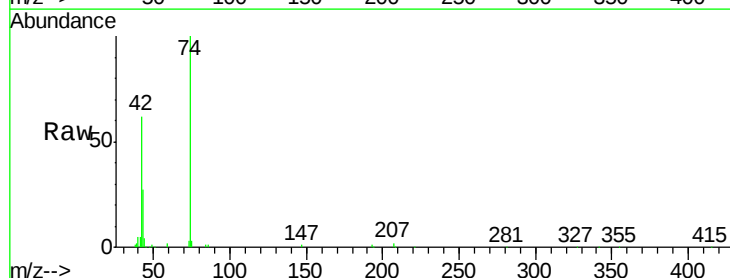
Tgt Ion: 42 Resp: 221542

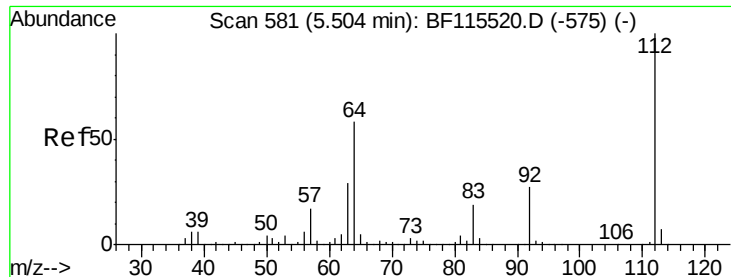
Ion Ratio Lower Upper

42 100

74 160.5 127.5 191.3

44 6.8 5.0 7.6





#5

2-Fluorophenol

Concen: 82.818 ng

RT: 5.50 min Scan# 581

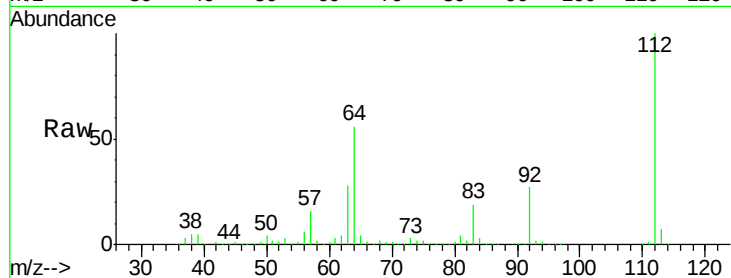
Delta R.T. -0.00 min

Lab File: BF115557.D

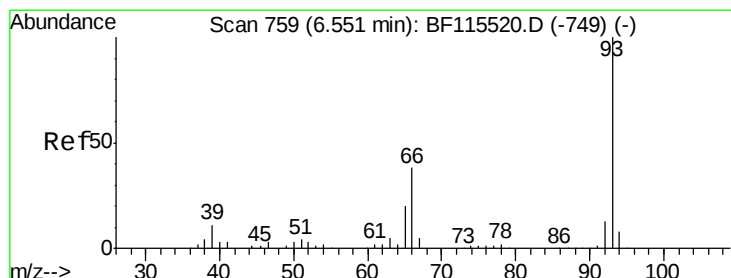
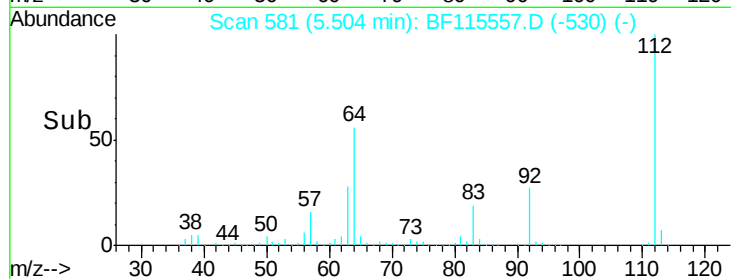
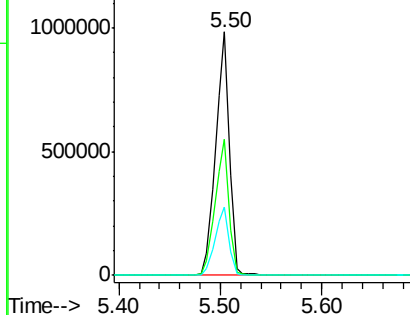
Acq: 15 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	929694
Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.8	70.2
63	28.2	24.1	36.1



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



#6

Aniline

Concen: 41.958 ng

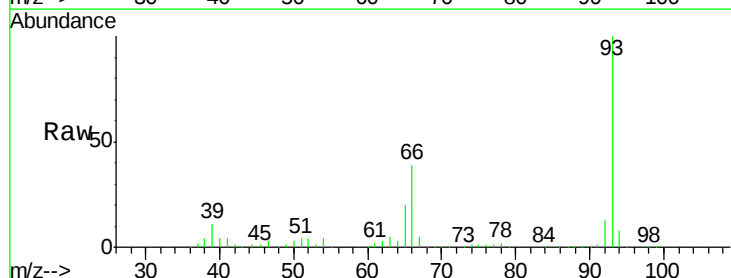
RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

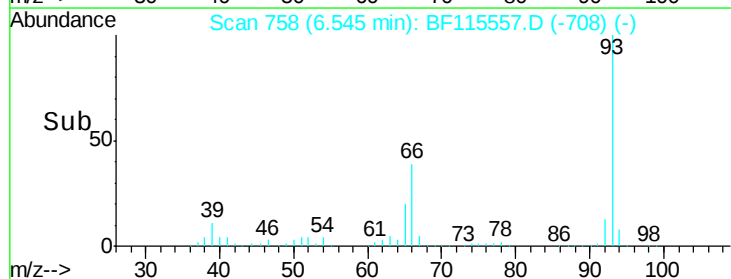
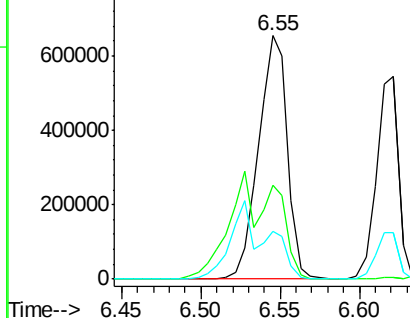
Lab File: BF115557.D

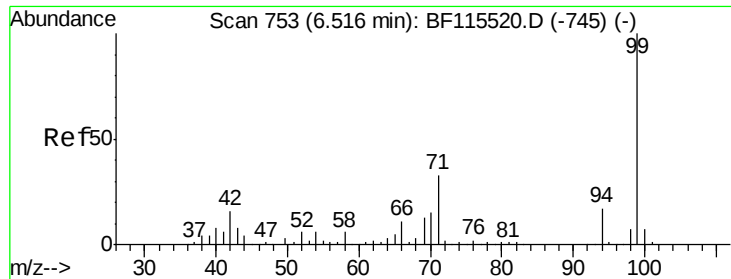
Acq: 15 Jul 2019 15:32

Tgt Ion:	93	Resp:	831719
Ion	Ratio	Lower	Upper
93	100		
66	38.7	31.7	47.5
65	19.7	16.2	24.2



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: 83.594 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

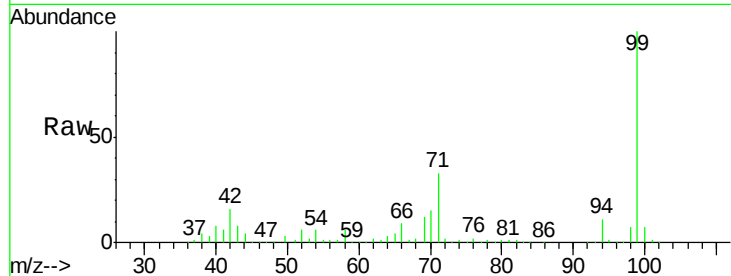
Tot Ion: 99 Resp: 1190729

Ion Ratio Lower Upper

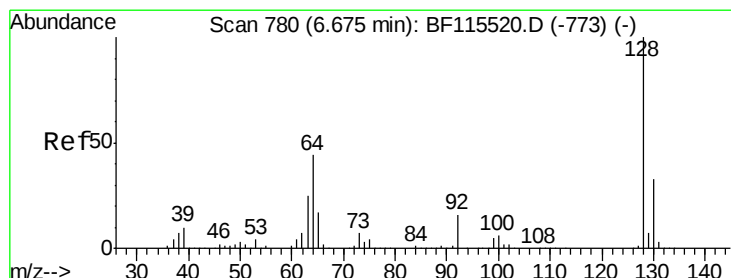
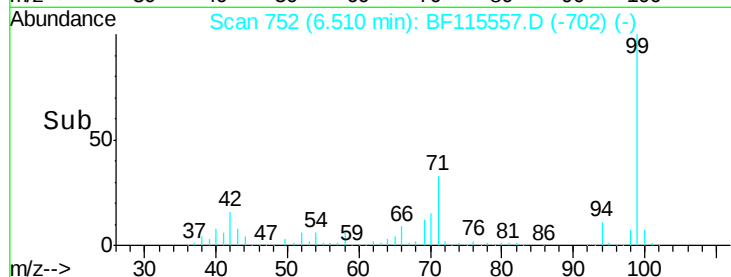
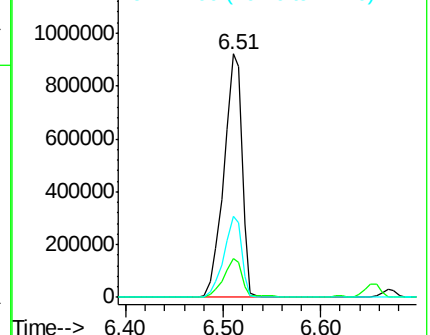
99 100

42 15.9 13.6 20.4

71 33.3 28.5 42.7



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: 42.075 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

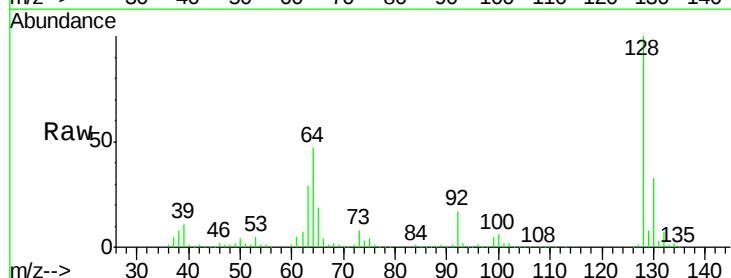
Tgt Ion: 128 Resp: 543039

Ion Ratio Lower Upper

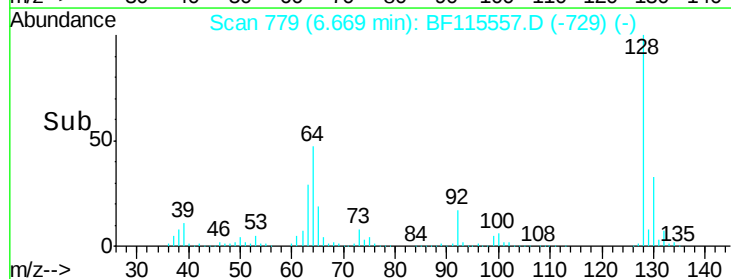
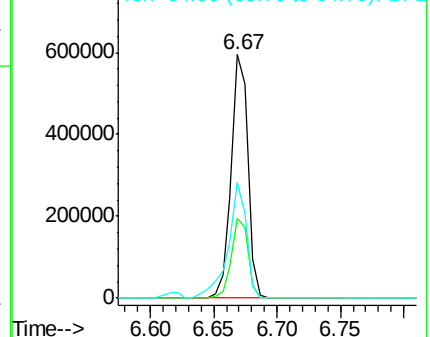
128 100

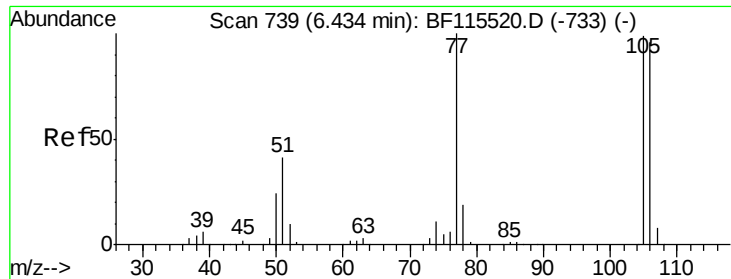
130 32.7 12.8 52.8

64 47.3 26.8 66.8



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: 39.825 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampled :

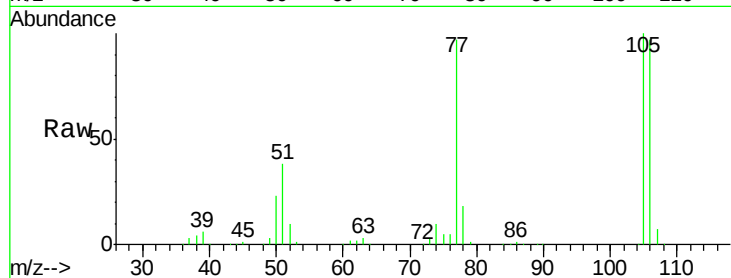
Tot Ion: 77 Resp: 354491

Ion Ratio Lower Upper

77 100

105 103.1 78.8 118.8

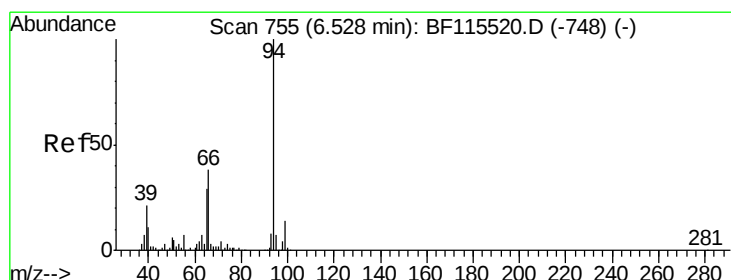
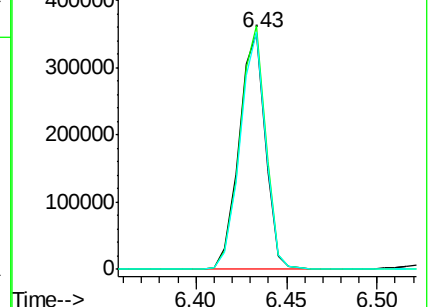
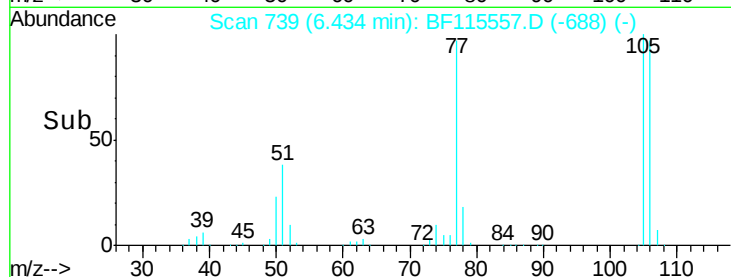
106 100.2 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.105 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

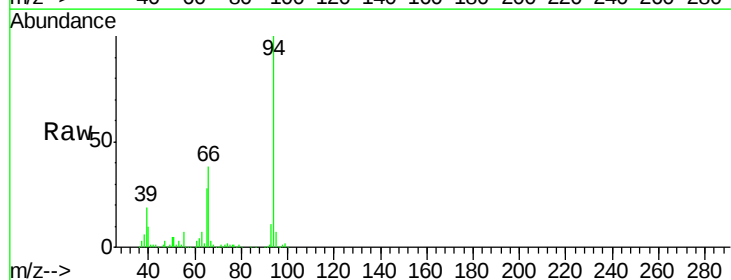
Tgt Ion: 94 Resp: 696227

Ion Ratio Lower Upper

94 100

65 27.7 14.5 54.5

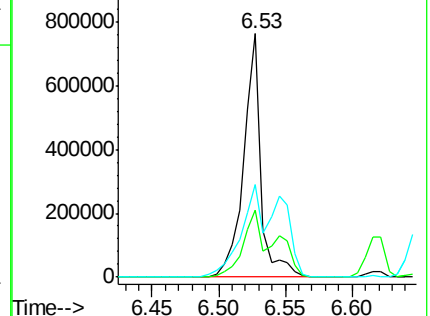
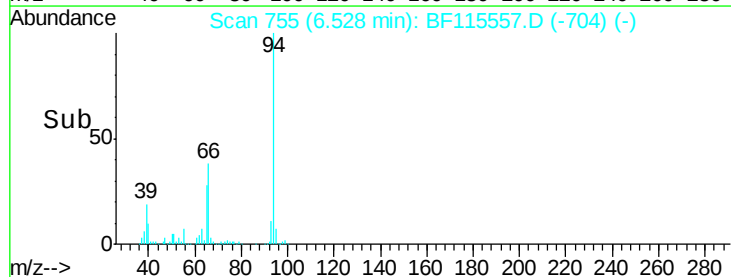
66 38.0 31.3 71.3

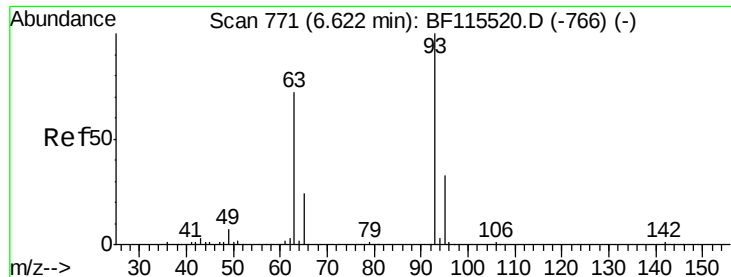


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

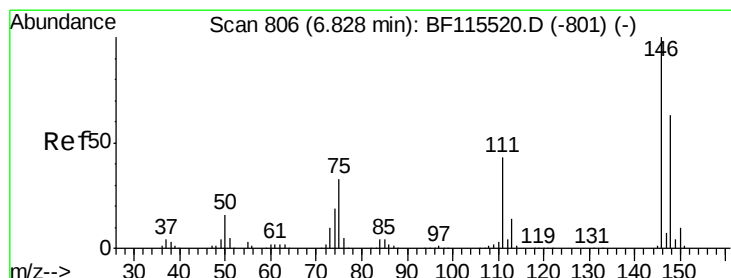
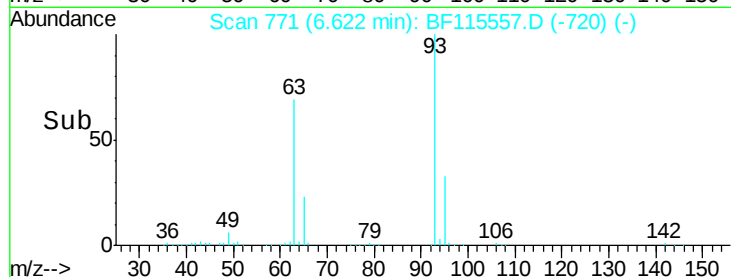
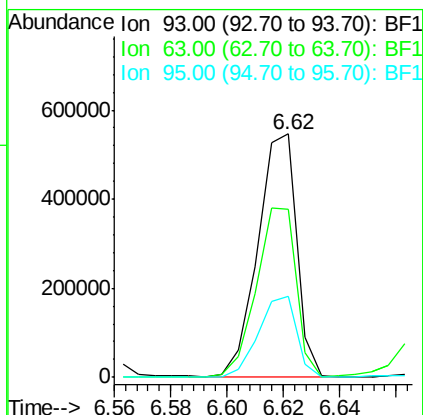
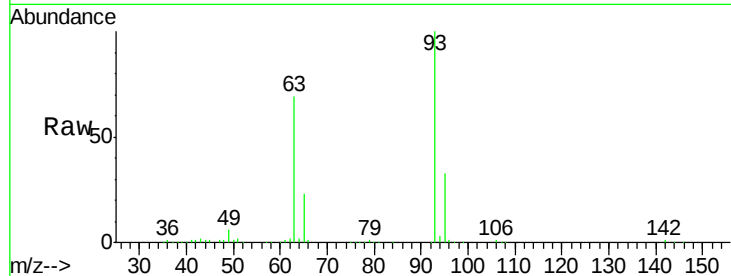




#11
bis(2-Chloroethyl)ether
Concen: 41.334 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

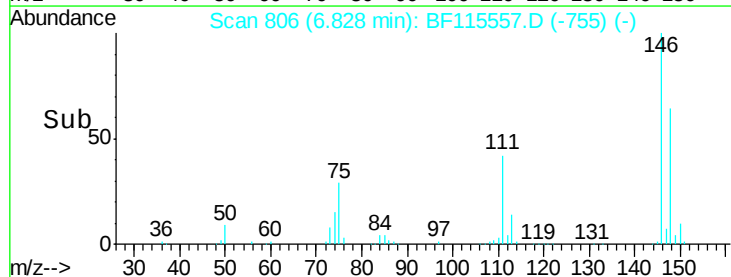
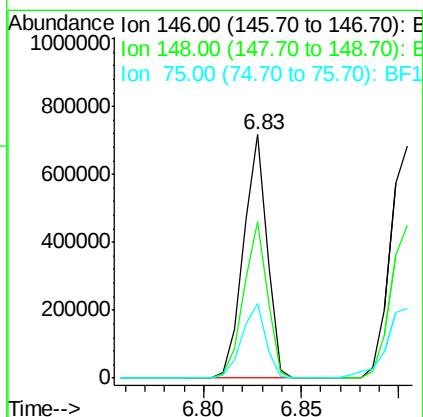
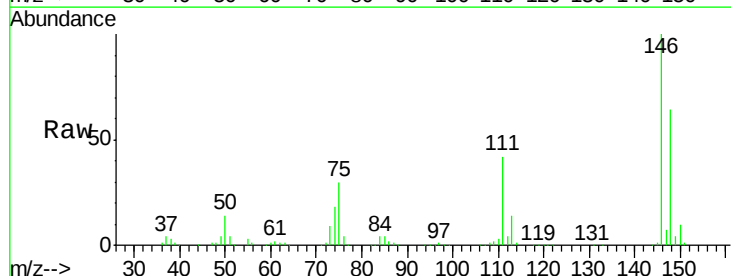
Instrument :
BNA_F
ClientSampleId :

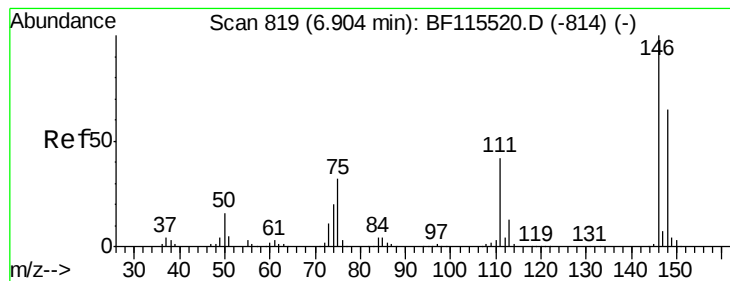
Tot Ion	93	Resp	520366
Ion	Ratio	Lower	Upper
93	100		
63	68.8	52.2	92.2
95	33.4	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 41.498 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion	146	Resp	602184
Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.1	78.1
75	30.5	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 41.575 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

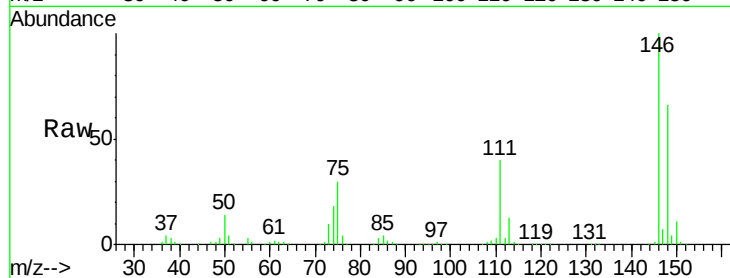
Tot Ion:146 Resp: 601934

Ion Ratio Lower Upper

146 100

148 66.0 51.8 77.6

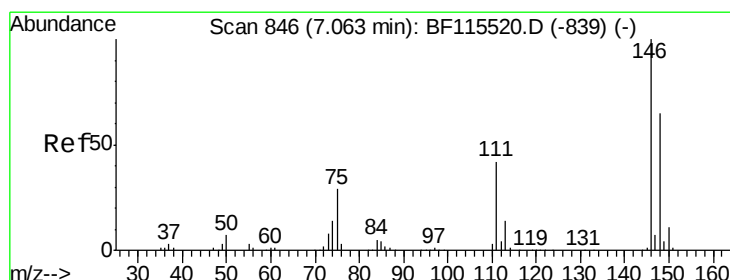
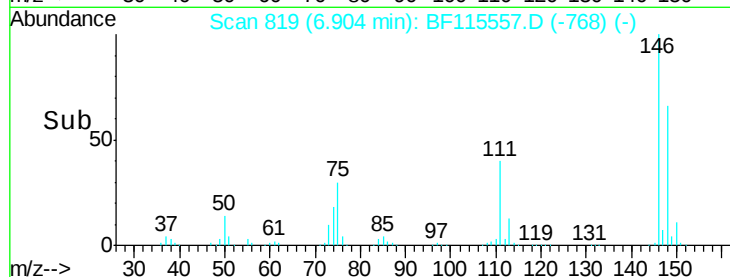
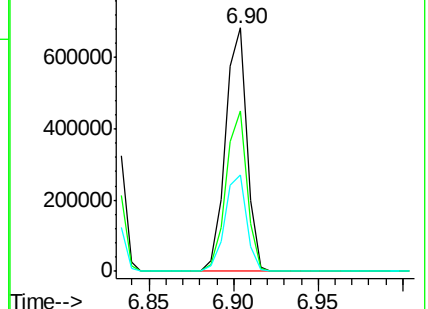
111 39.8 35.5 53.3



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: 41.844 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

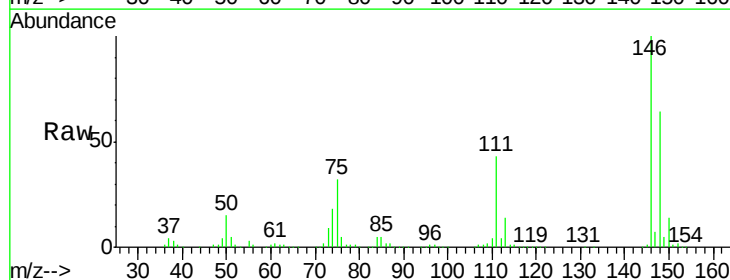
Tgt Ion:146 Resp: 553809

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

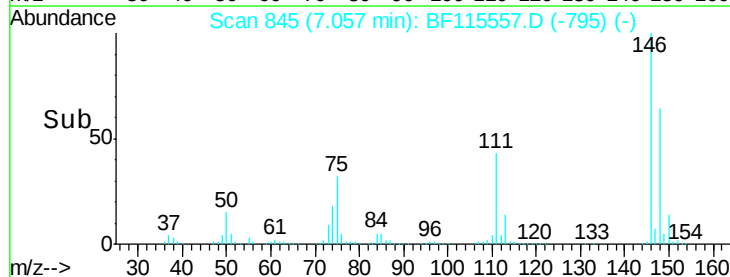
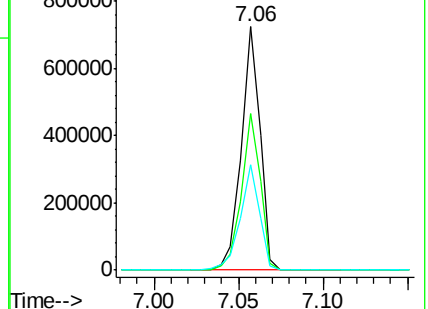
111 43.3 37.6 56.4



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





#15

Benzyl Alcohol

Concen: 42.415 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

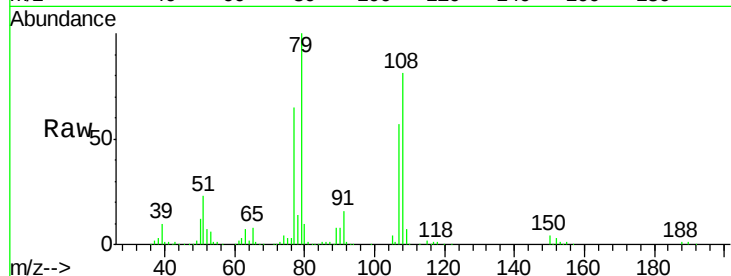
Tot Ion: 79 Resp: 479272

Ion Ratio Lower Upper

79 100

108 81.2 64.2 96.4

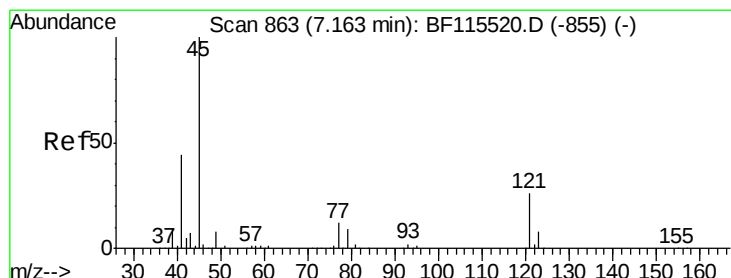
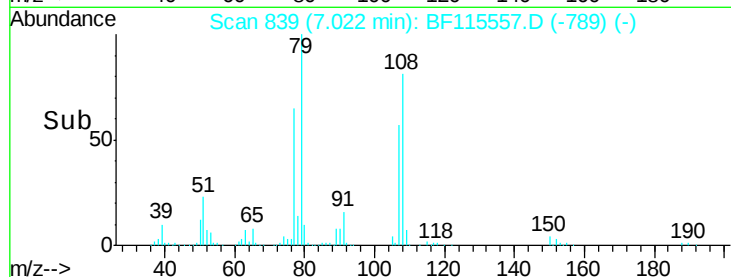
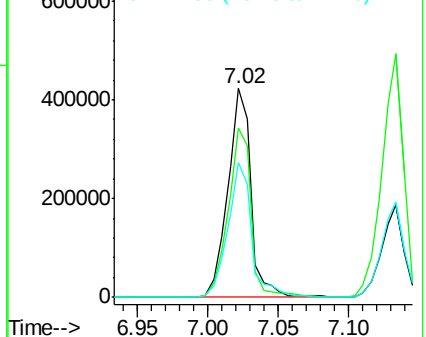
77 64.5 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.399 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

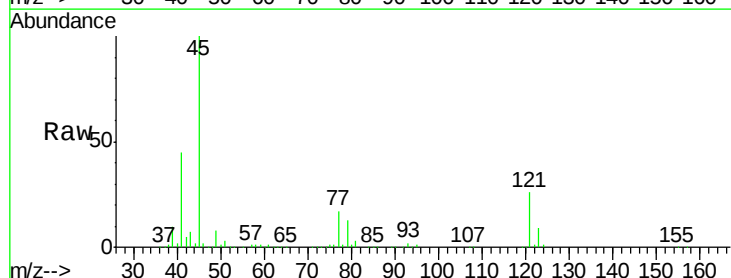
Tgt Ion: 45 Resp: 686159

Ion Ratio Lower Upper

45 100

77 16.9 0.0 38.1

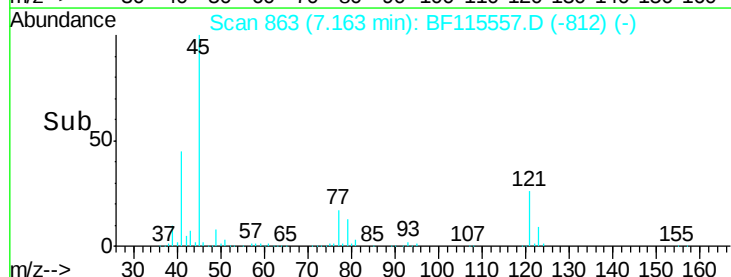
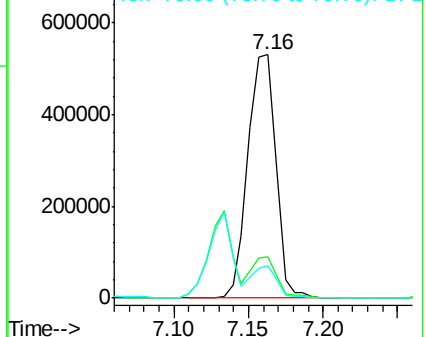
79 13.4 0.0 34.1



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

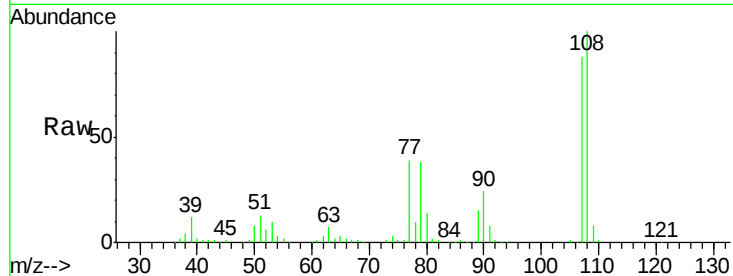




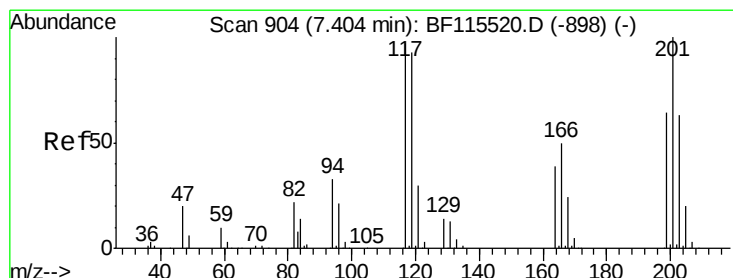
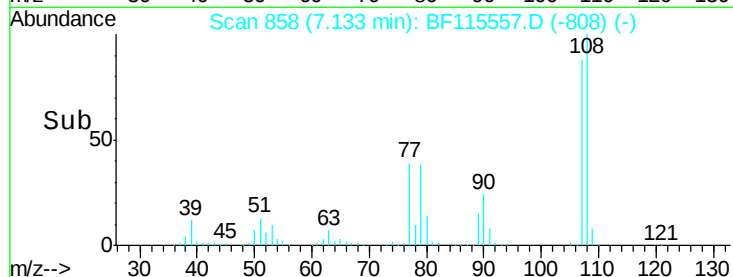
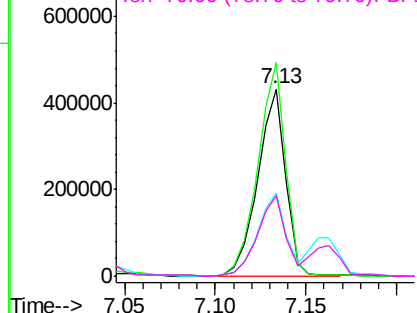
#17
2-Methylphenol
Concen: 41.285 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 459195
Ion Ratio Lower Upper
107 100
108 113.9 89.4 134.2
77 44.4 35.7 53.5
79 43.2 35.0 52.4

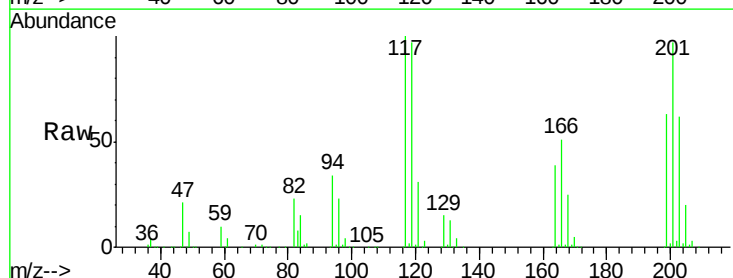


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

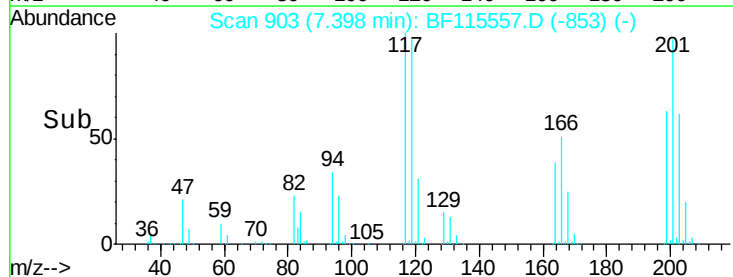
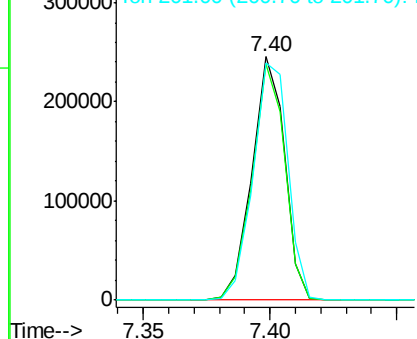


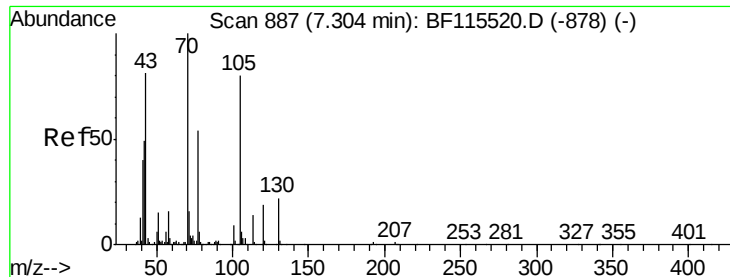
#18
Hexachloroethane
Concen: 41.129 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:117 Resp: 221025
Ion Ratio Lower Upper
117 100
119 96.8 77.7 116.5
201 97.4 86.0 129.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

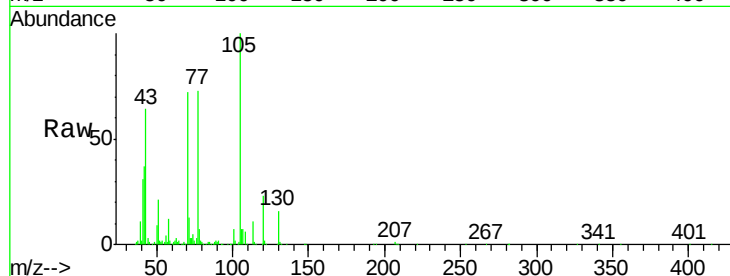




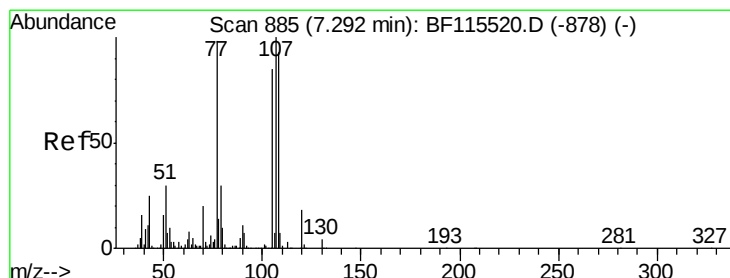
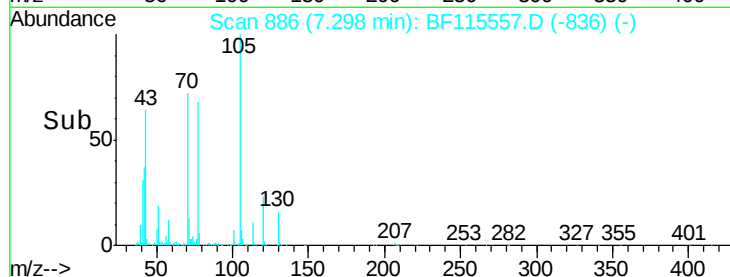
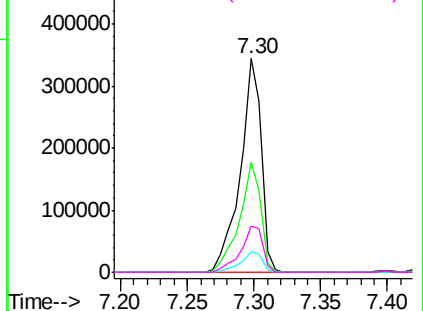
#19
n-Nitroso-di-n-propylamine
Concen: 40.490 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	376143
Ion	Ratio	Lower	Upper
70	100		
42	51.6	39.6	59.4
101	9.8	8.1	12.1
130	21.7	18.2	27.2

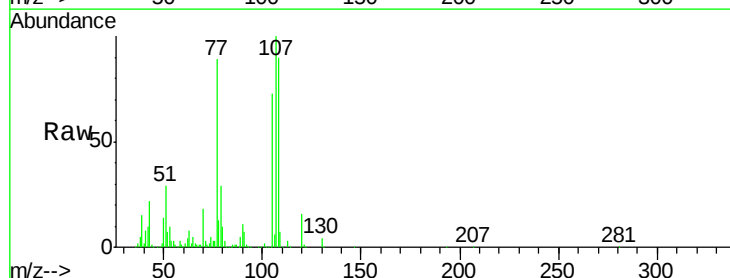


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

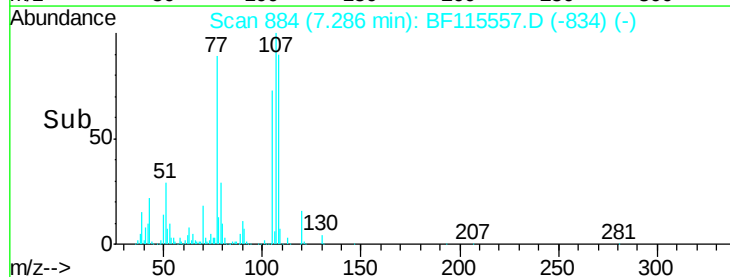
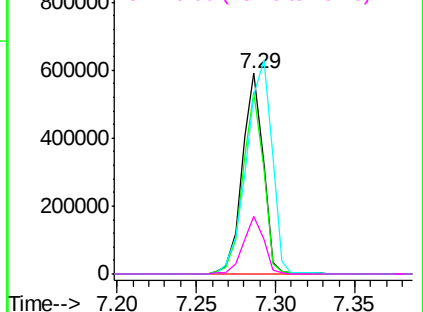


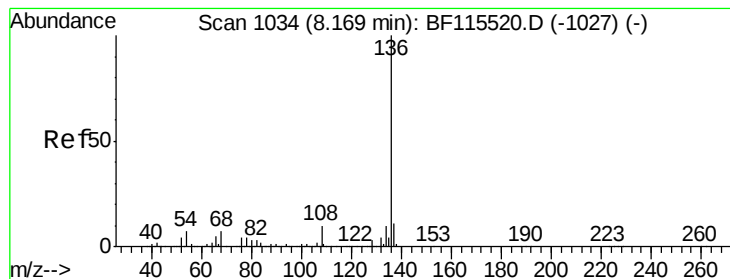
#20
3+4-Methylphenols
Concen: 40.642 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:	107	Resp:	536942
Ion	Ratio	Lower	Upper
107	100		
108	90.3	72.9	112.9
77	89.0	77.6	117.6
79	28.9	10.5	50.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 729637

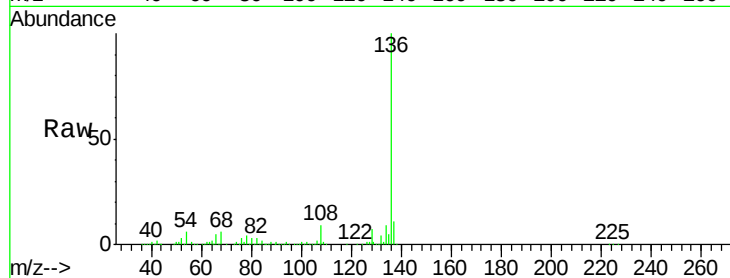
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.2 5.6 8.4

68 5.8 5.0 7.6

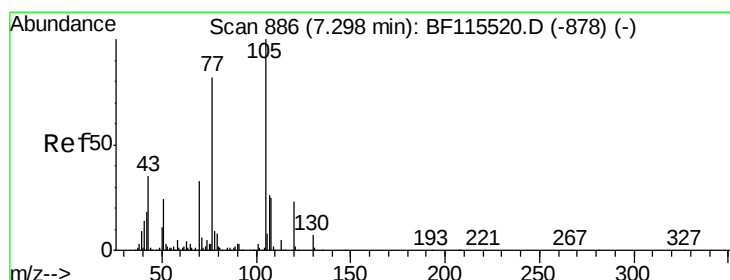
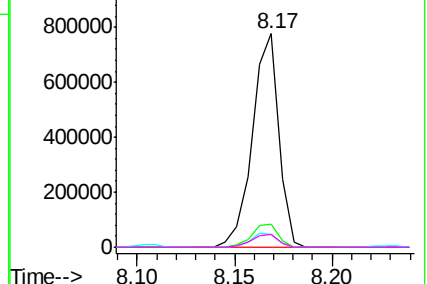
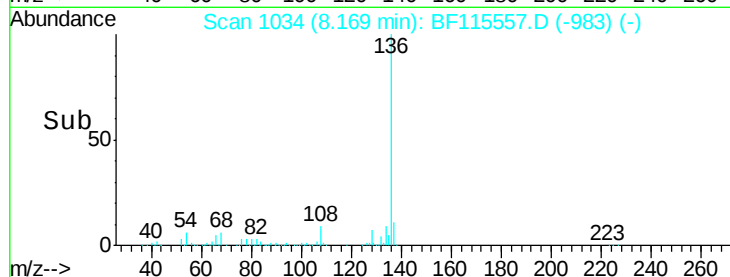


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.937 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Tgt Ion:105 Resp: 707759

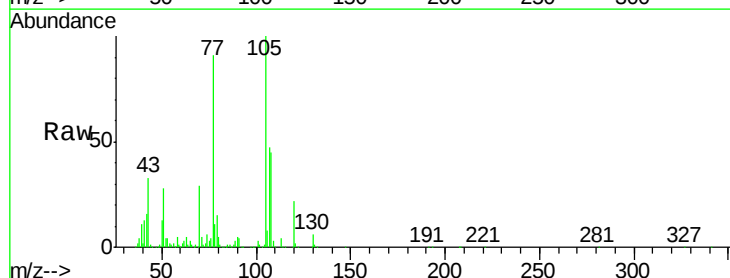
Ion Ratio Lower Upper

105 100

71 5.0 3.5 5.3

51 27.5 25.6 38.4

120 22.4 17.9 26.9

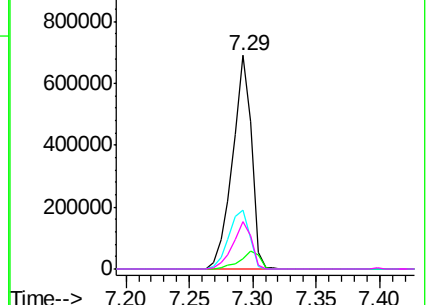
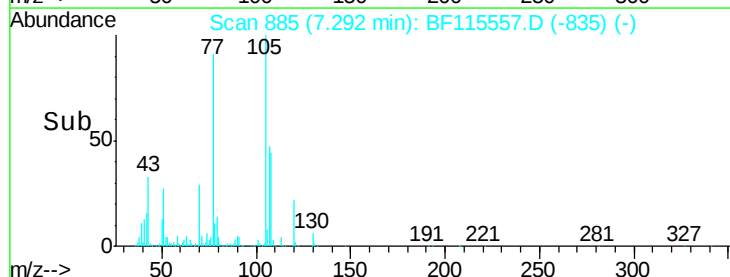


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

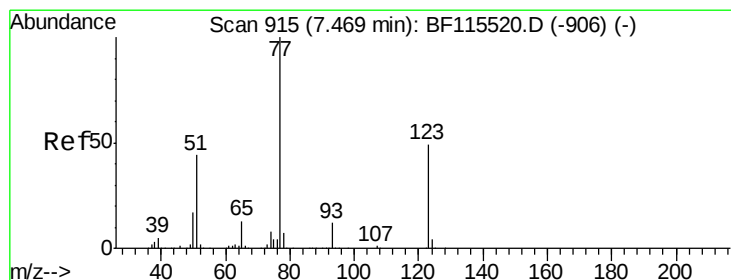
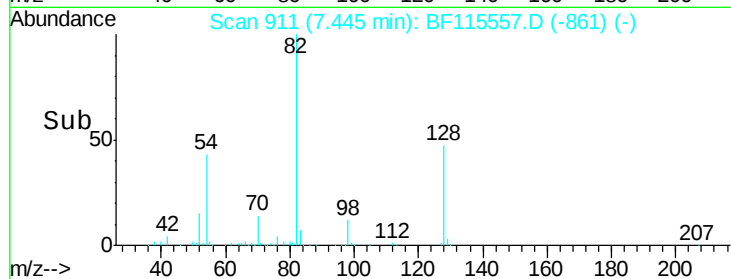
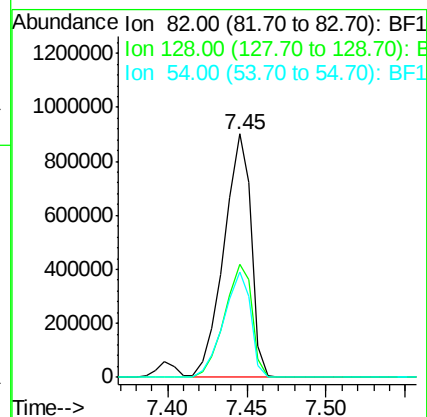
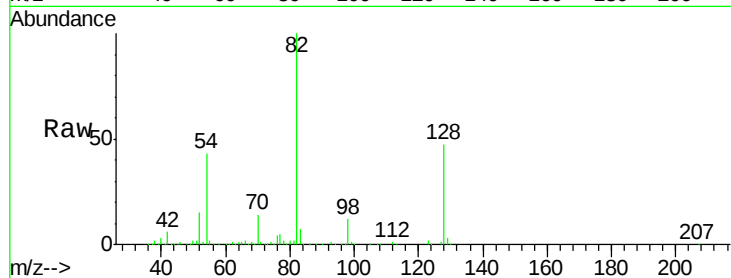




#23
 Nitrobenzene-d5
 Concen: 85.243 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

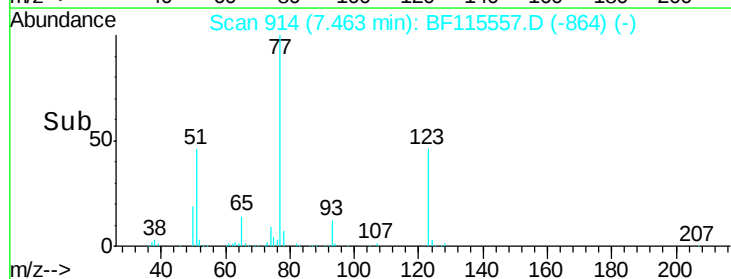
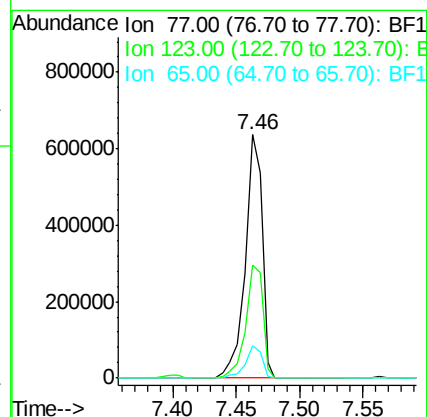
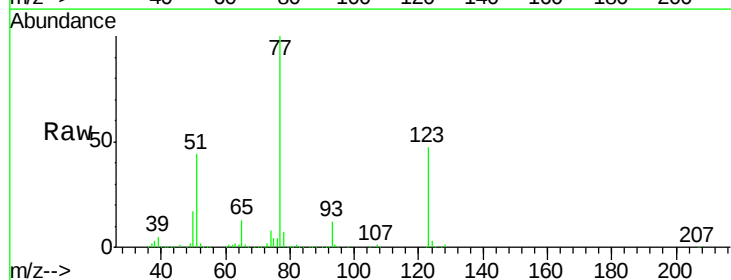
Instrument :
 BNA_F
 ClientSampled :

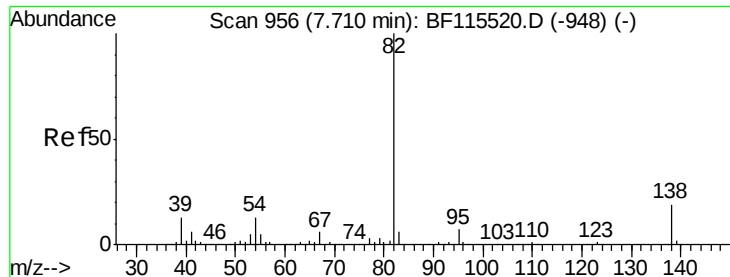
Tot Ion: 82 Resp: 1069644
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.6 57.8
 54 43.3 35.6 53.4



#24
 Nitrobenzene
 Concen: 42.534 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

Tgt Ion: 77 Resp: 575671
 Ion Ratio Lower Upper
 77 100
 123 46.6 40.0 60.0
 65 13.3 11.0 16.4





#25

Isophorone

Concen: 40.842 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

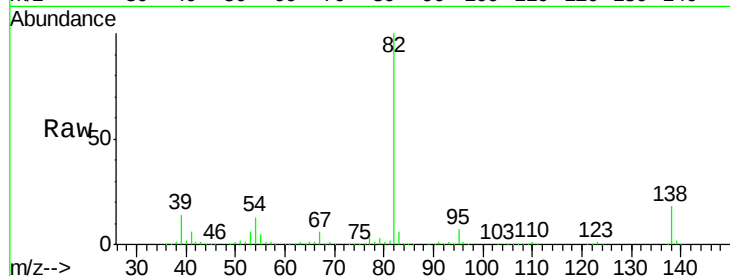
Tot Ion: 82 Resp: 1025511

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

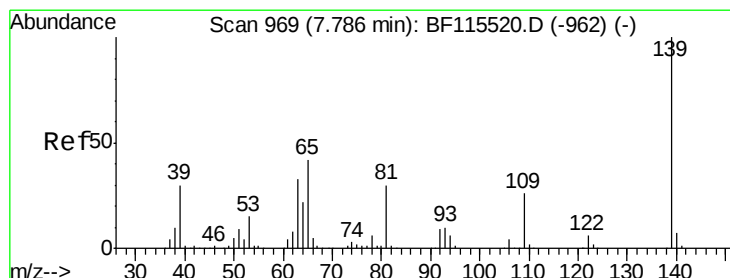
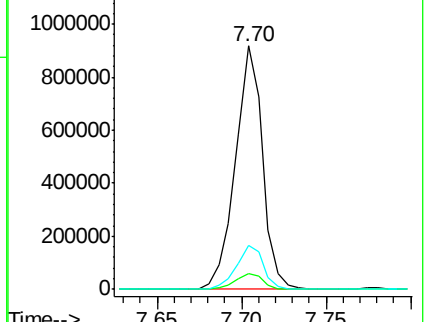
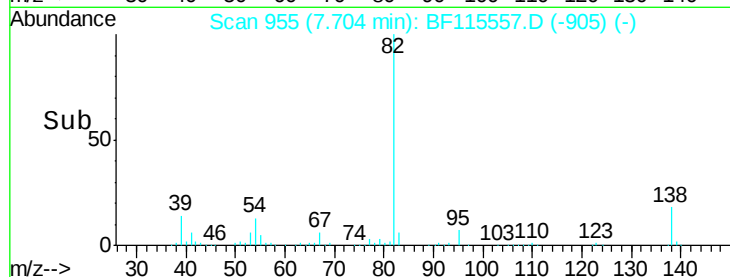
138 18.1 14.9 22.3



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: 42.181 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

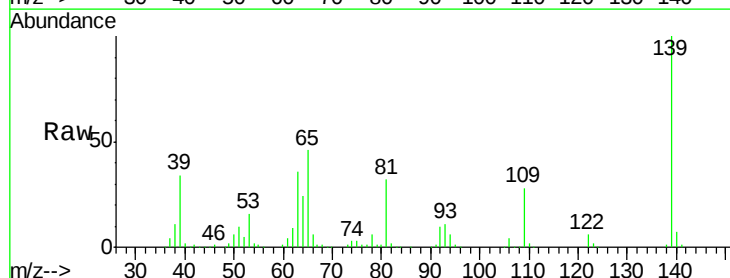
Tgt Ion: 139 Resp: 293847

Ion Ratio Lower Upper

139 100

109 28.3 23.3 34.9

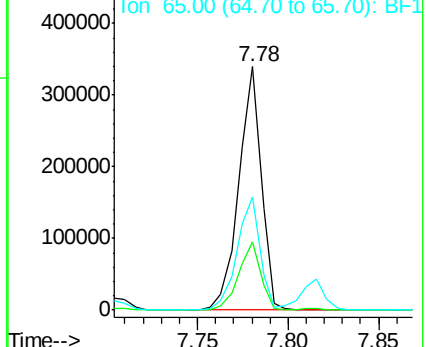
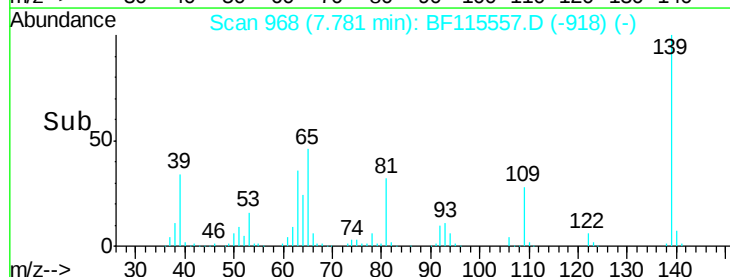
65 46.2 37.9 56.9

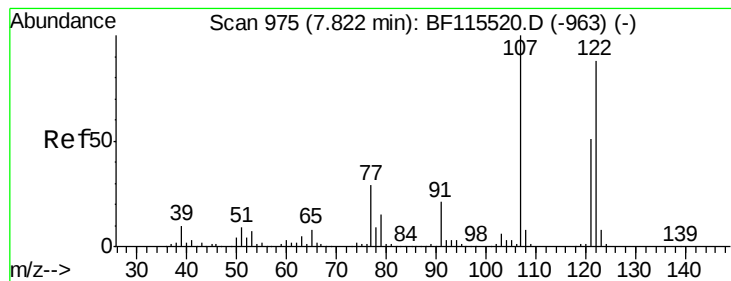


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

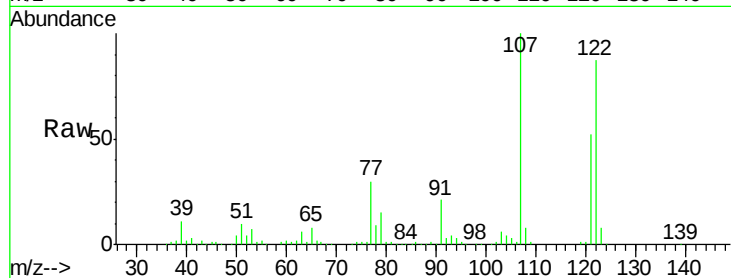




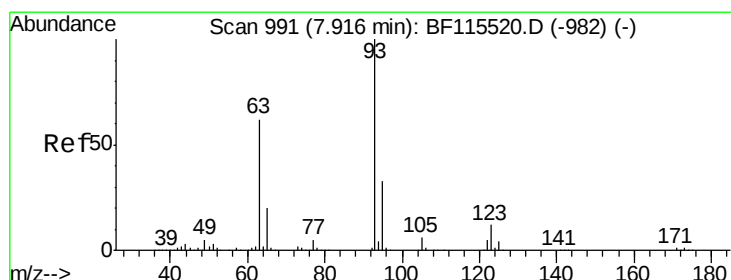
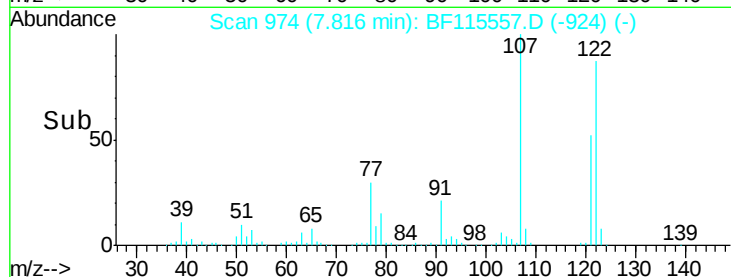
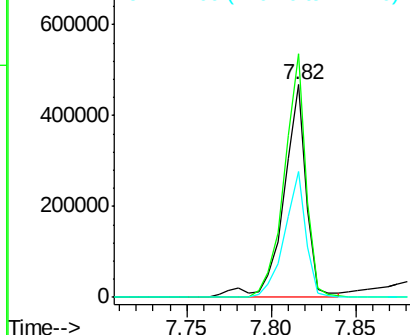
#27
2,4-Dimethylphenol
Concen: 42.017 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 437956
Ion Ratio Lower Upper
122 100
107 114.5 92.9 139.3
121 59.0 46.9 70.3

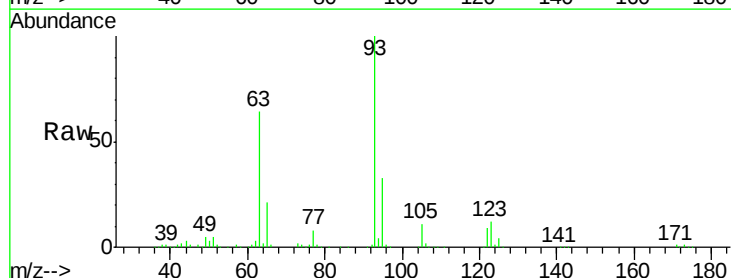


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

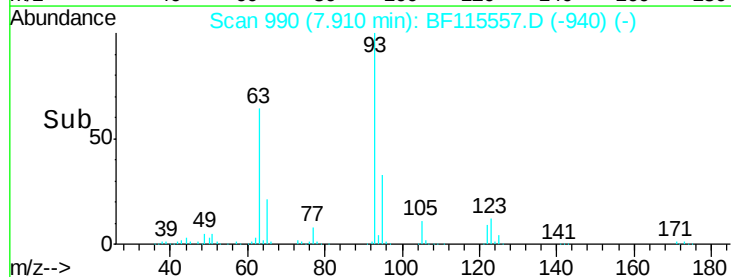
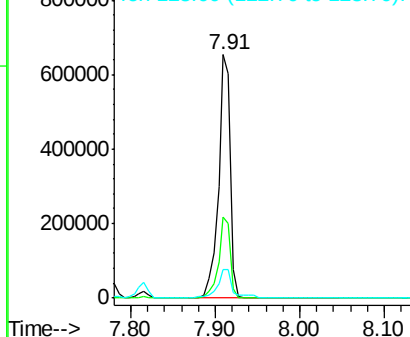


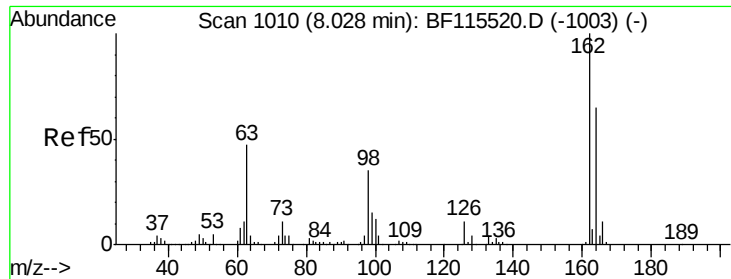
#28
bis(2-Chloroethoxy)methane
Concen: 42.034 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion: 93 Resp: 647486
Ion Ratio Lower Upper
93 100
95 33.1 27.0 40.4
123 12.0 9.9 14.9



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

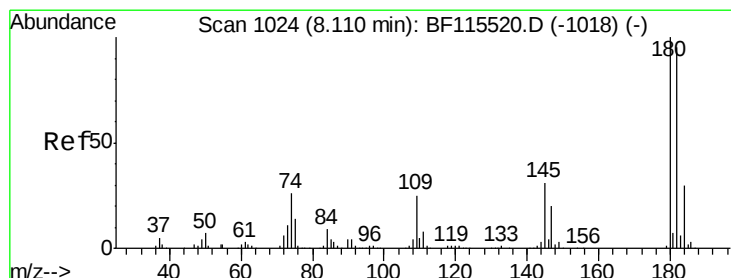
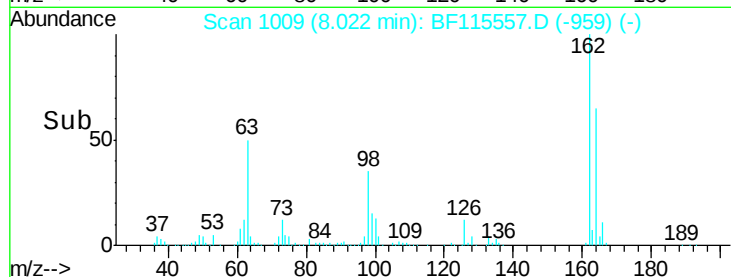
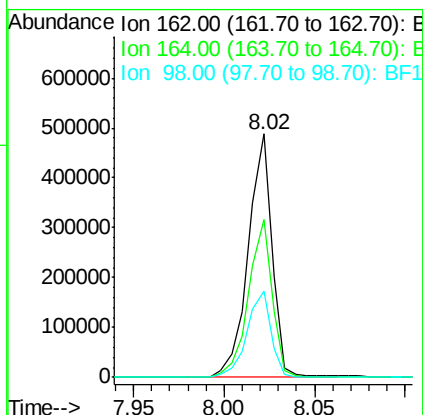
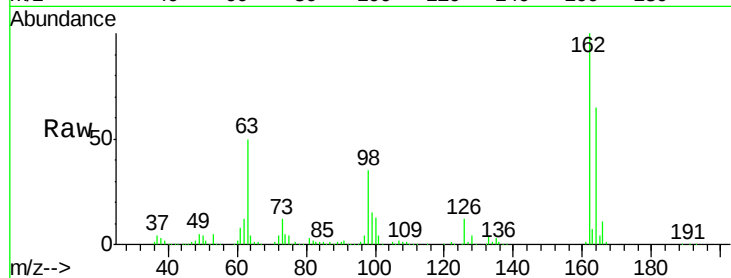




#29
 2,4-Dichlorophenol
 Concen: 41.188 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

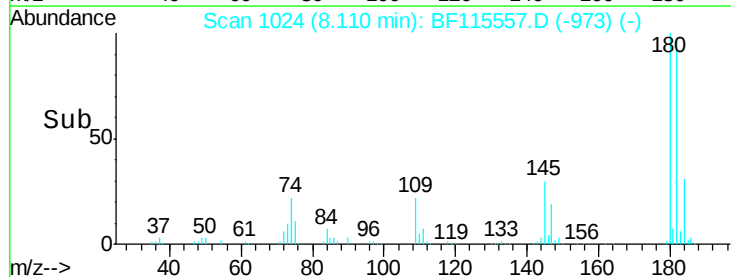
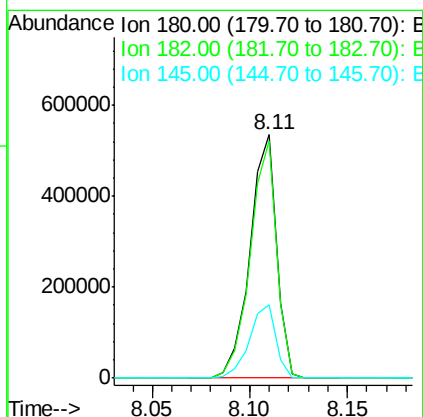
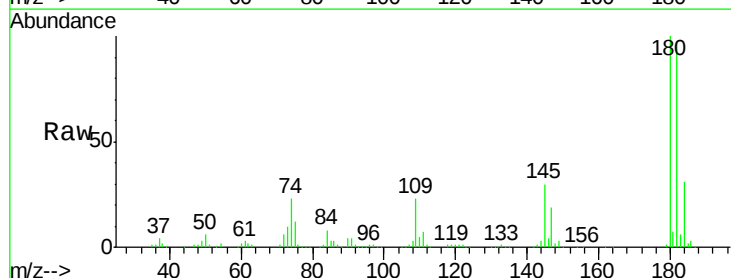
Instrument :
 BNA_F
 ClientSampled :

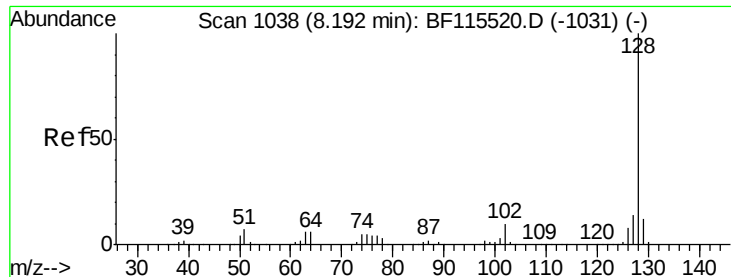
Tot Ion:162 Resp: 446489
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.9 84.9
 98 35.4 17.7 57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 41.334 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

Tgt Ion:180 Resp: 506487
 Ion Ratio Lower Upper
 180 100
 182 97.4 75.0 112.6
 145 30.0 25.1 37.7





#31

Naphthalene

Concen: 42.149 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

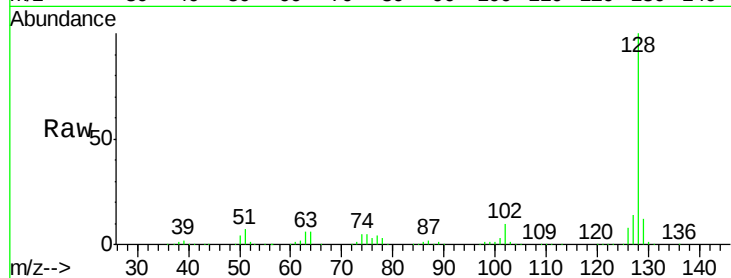
Tot Ion:128 Resp: 1489397

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

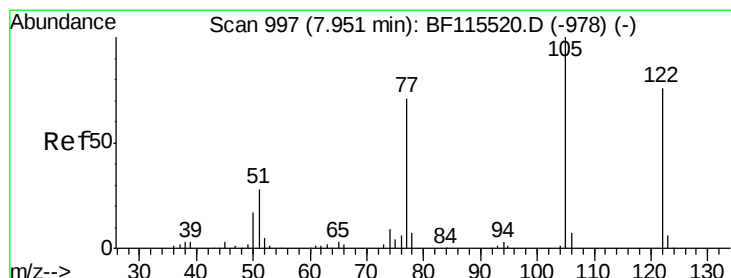
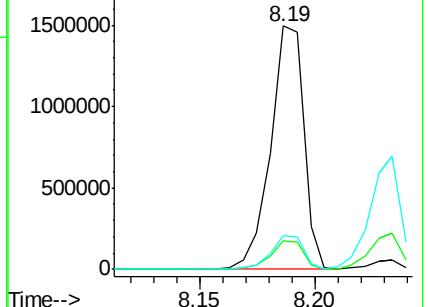
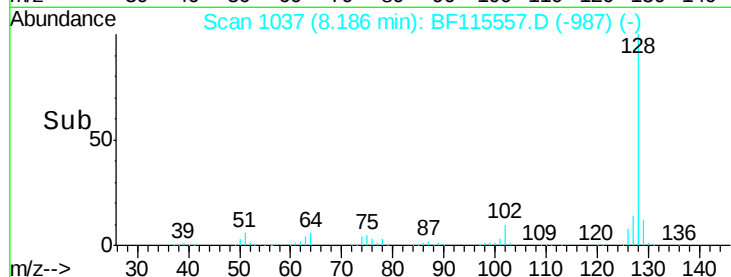
127 13.7 12.1 18.1



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: 33.958 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

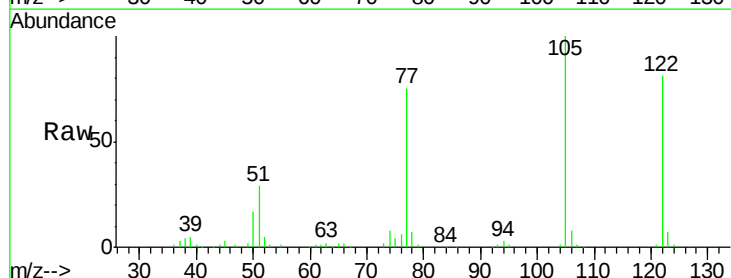
Tgt Ion:122 Resp: 290481

Ion Ratio Lower Upper

122 100

105 123.6 102.5 142.5

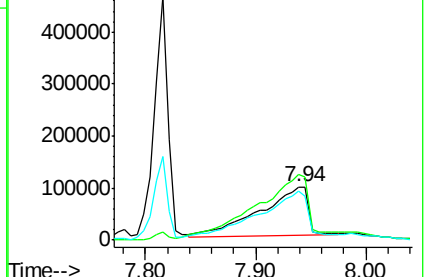
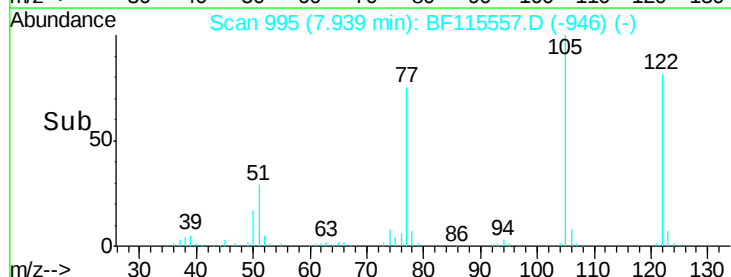
77 92.3 70.2 110.2



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

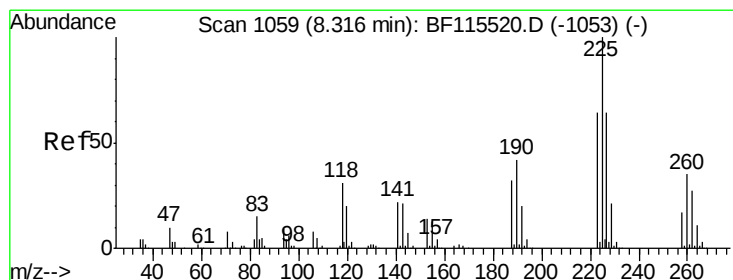
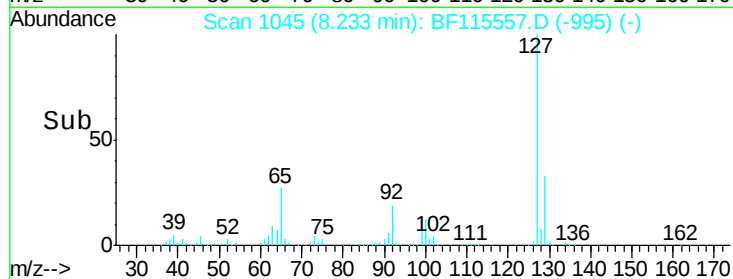
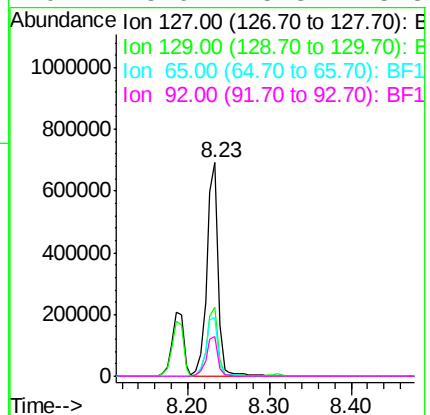
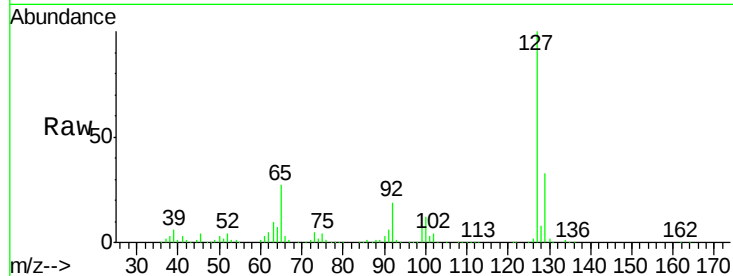




#33
4-Chloroaniline
Concen: 42.137 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

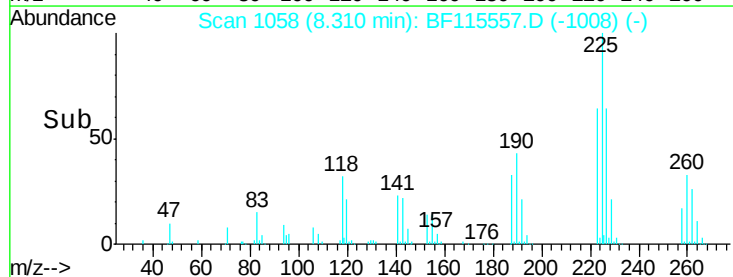
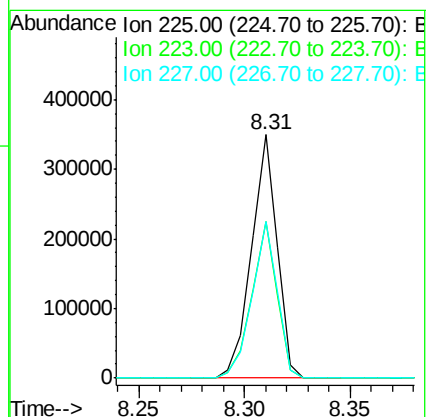
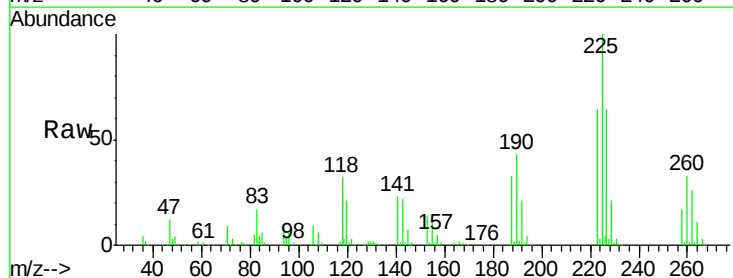
Instrument :
BNA_F
ClientSampled :

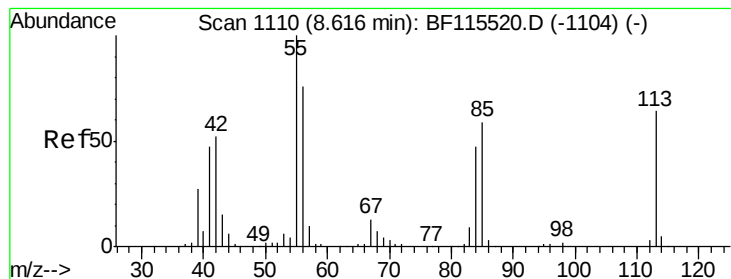
Tot Ion:	127	Resp:	659541
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	27.4	23.7	35.5
92	18.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.010 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:	225	Resp:	295201
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.9	76.3
227	64.3	50.7	76.1





#35

Caprolactam

Concen: 42.798 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

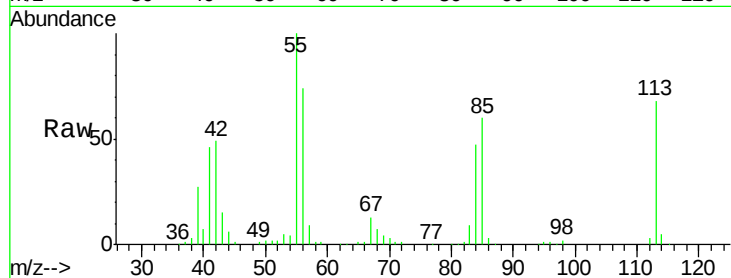
Tot Ion:113 Resp: 143364

Ion Ratio Lower Upper

113 100

55 148.0 126.9 166.9

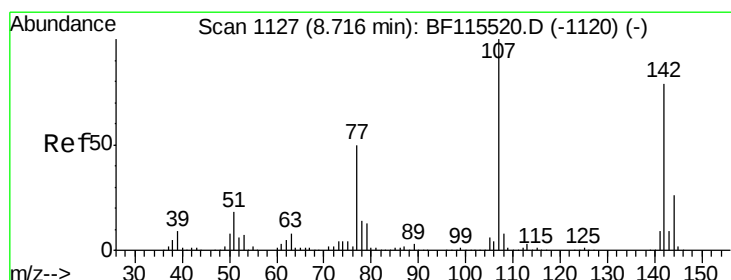
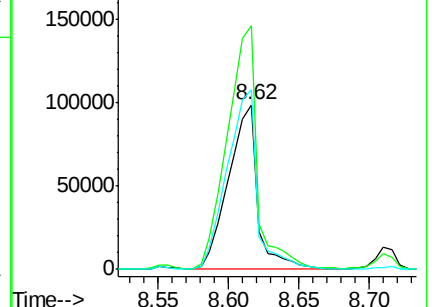
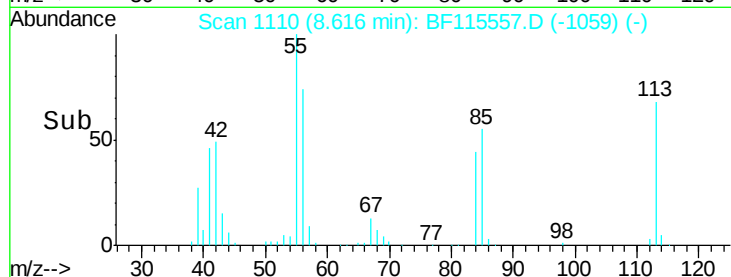
56 109.3 90.3 130.3



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: 42.280 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

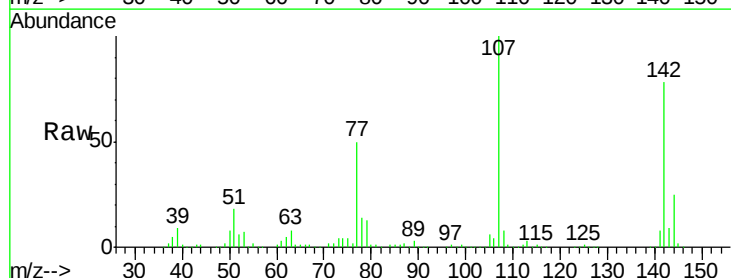
Tgt Ion:107 Resp: 475426

Ion Ratio Lower Upper

107 100

144 24.9 20.6 30.8

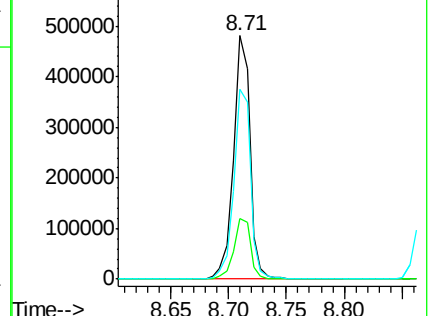
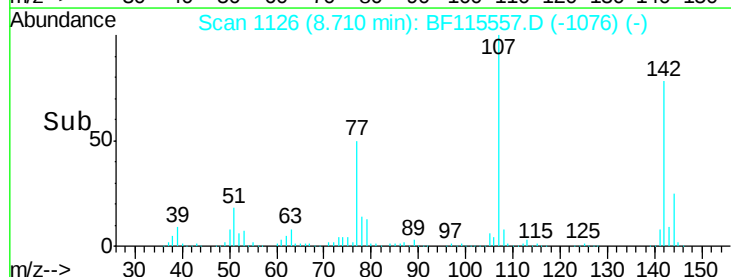
142 77.9 63.1 94.7

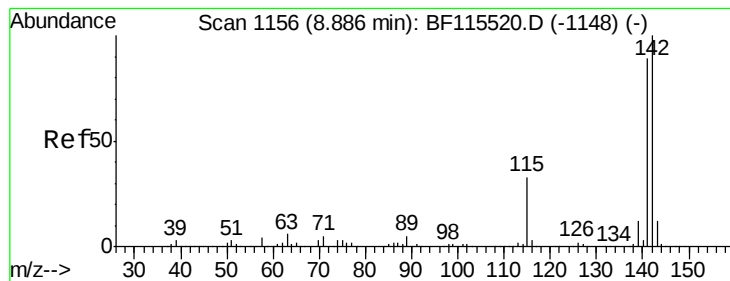


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.608 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampled :

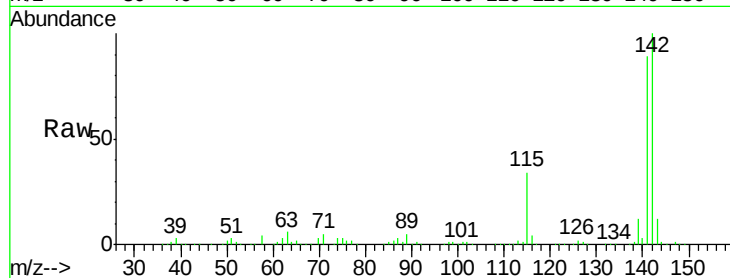
Tot Ion:142 Resp: 998017

Ion Ratio Lower Upper

142 100

141 89.1 72.0 108.0

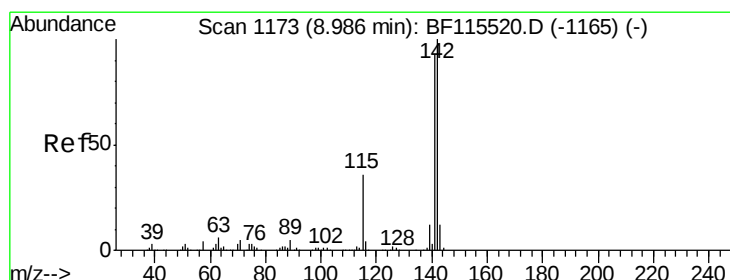
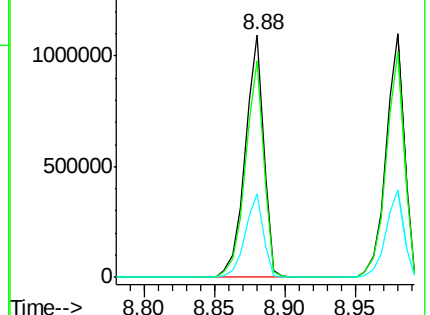
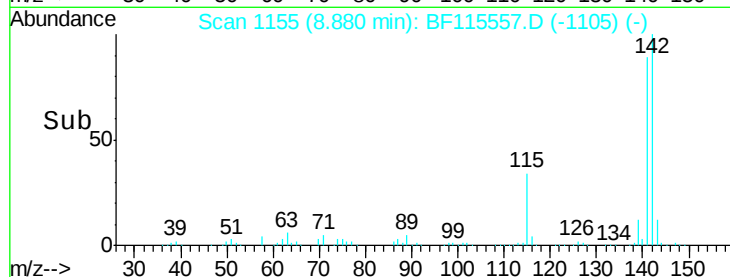
115 34.2 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.096 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

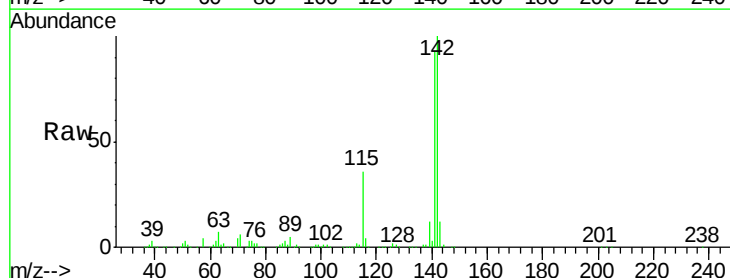
Tgt Ion:142 Resp: 981072

Ion Ratio Lower Upper

142 100

141 92.5 75.3 112.9

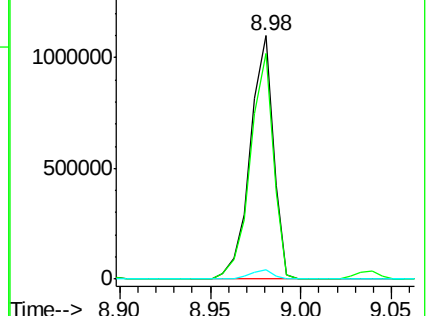
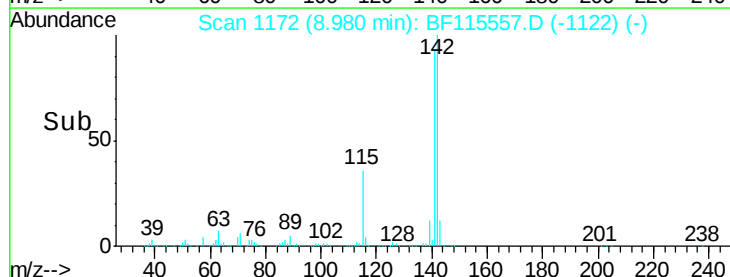
116 3.8 3.3 4.9

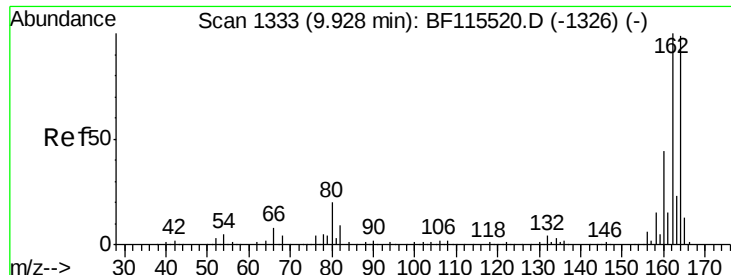


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampled :

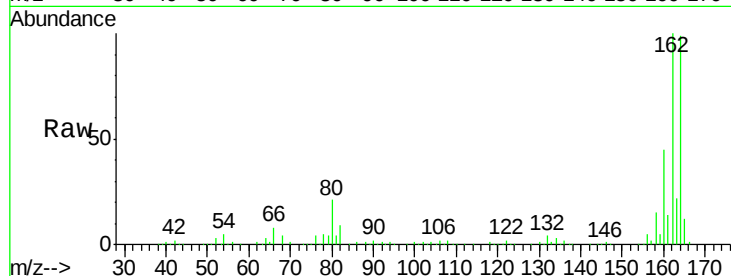
Tot Ion:164 Resp: 388949

Ion Ratio Lower Upper

164 100

162 101.4 82.9 124.3

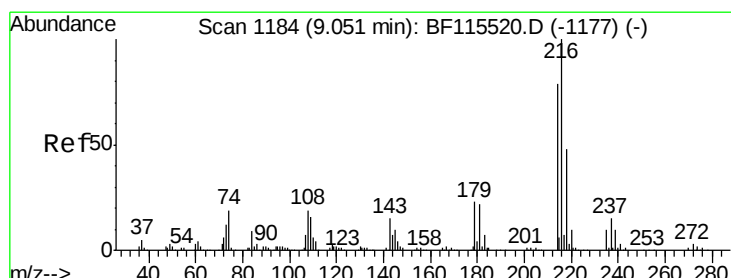
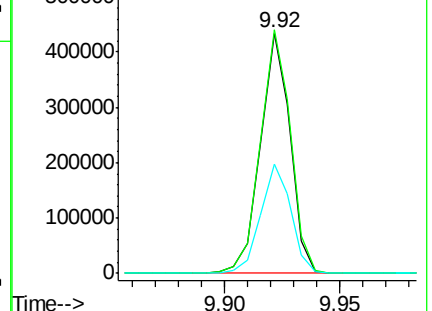
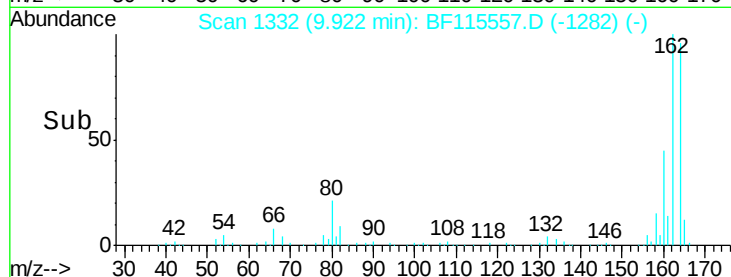
160 45.5 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.578 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Tgt Ion:216 Resp: 486992

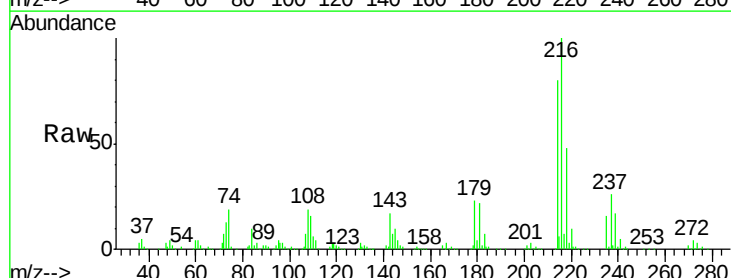
Ion Ratio Lower Upper

216 100

214 78.3 65.1 97.7

179 21.7 18.3 27.5

108 18.9 15.7 23.5

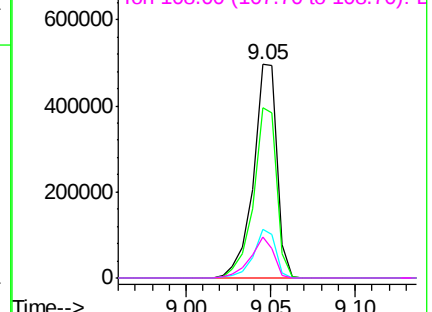
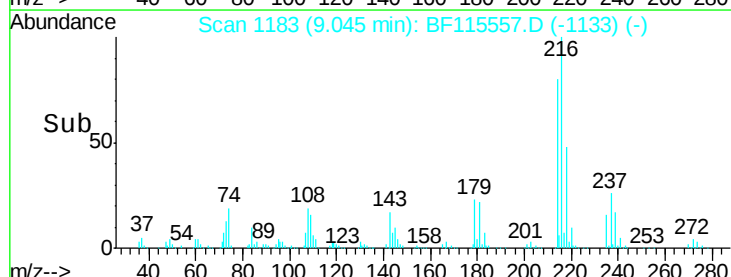


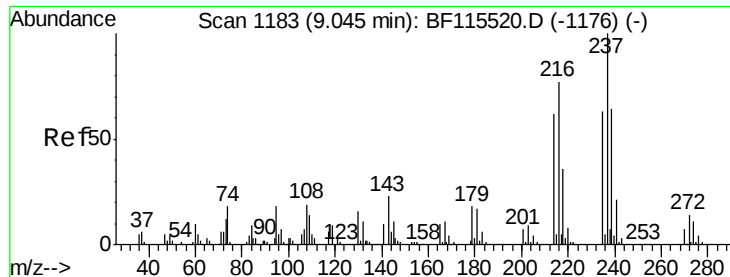
Abundance Ion 216.00 (215.70 to 216.70): E

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

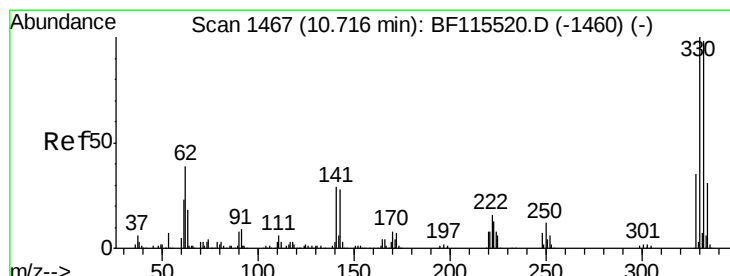
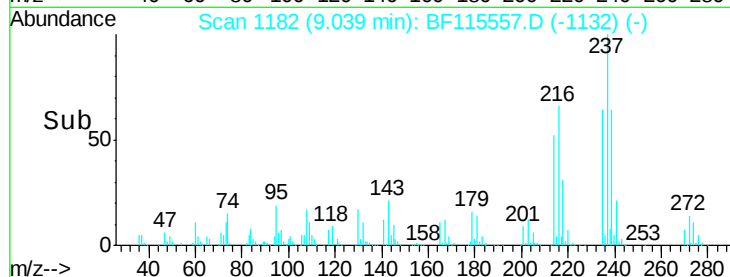
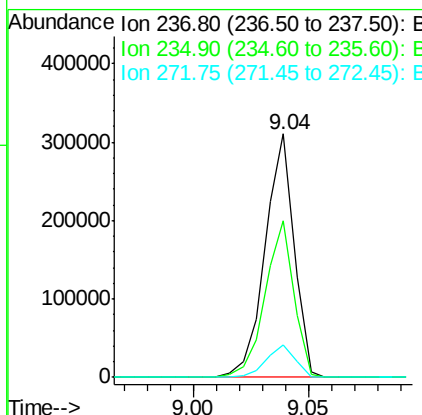
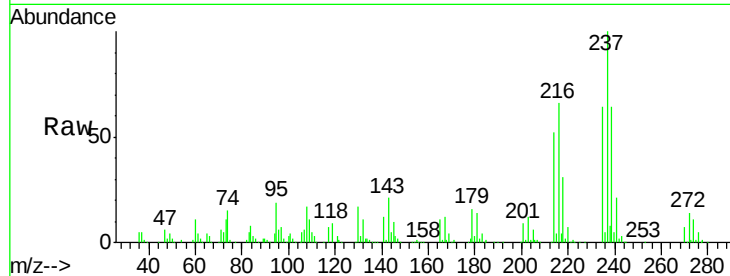




#41
Hexachlorocyclopentadiene
Concen: 40.660 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

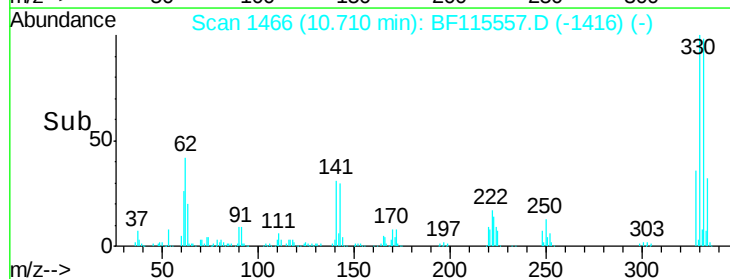
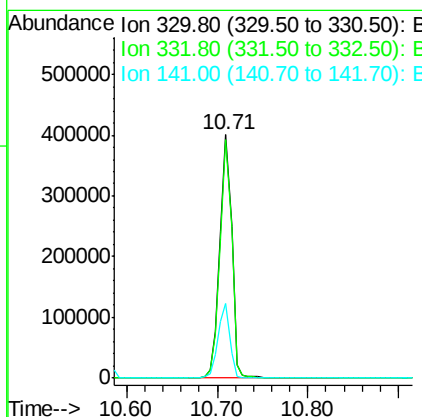
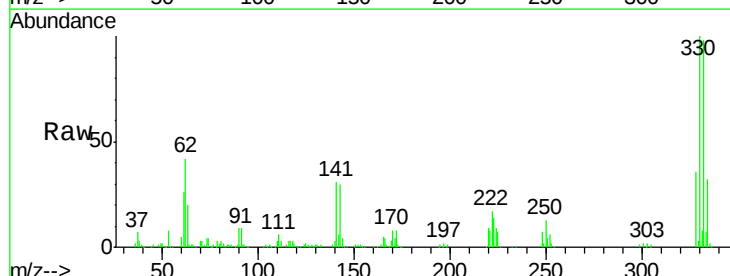
Instrument :
BNA_F
ClientSampleId :

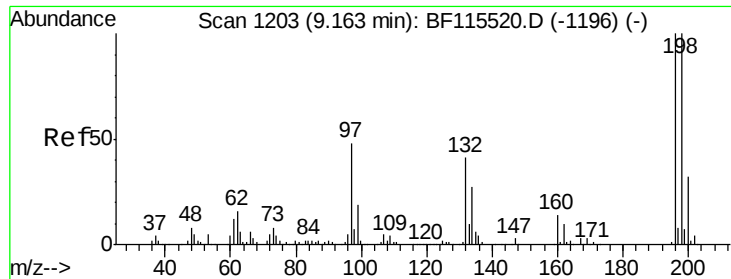
Tot Ion:237 Resp: 271663
Ion Ratio Lower Upper
237 100
235 64.4 43.6 83.6
272 13.5 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 80.023 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:330 Resp: 363304
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 30.1 22.4 33.6

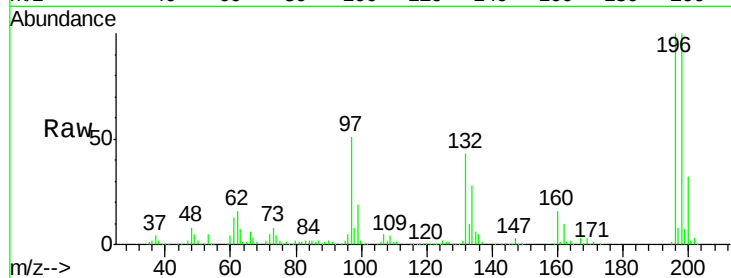




#43
 2,4,6-Trichlorophenol
 Concen: 40.835 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	349768
Ion Ratio	Lower	Upper	
196	100		
198	99.6	80.6	121.0
200	31.8	25.8	38.6

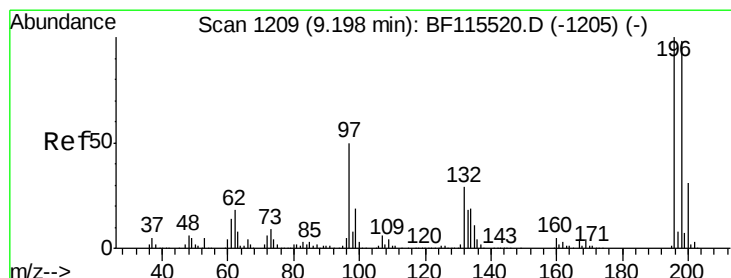
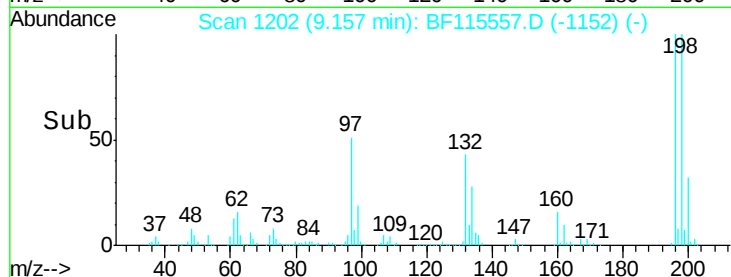
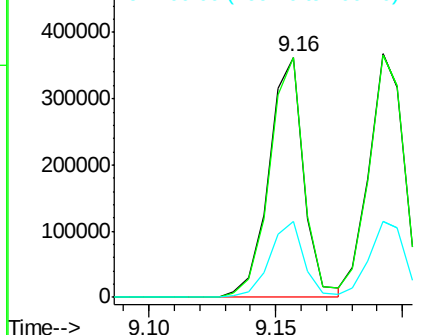


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.821 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

Tgt Ion	196	Resp	358071
Ion Ratio	Lower	Upper	
196	100		
198	99.8	79.6	119.4
97	51.7	37.8	56.6
132	30.0	22.8	34.2

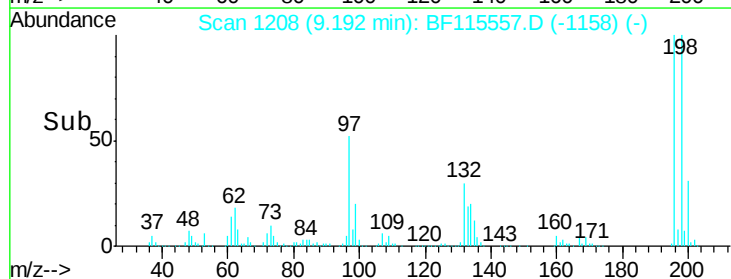
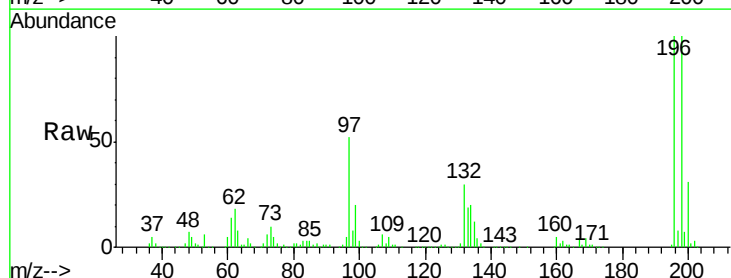
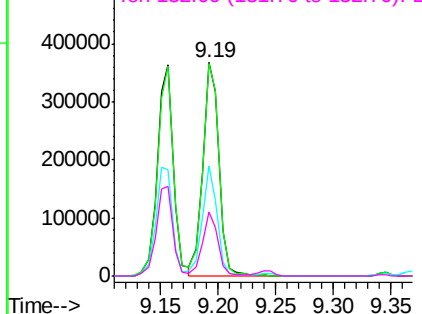
Abundance

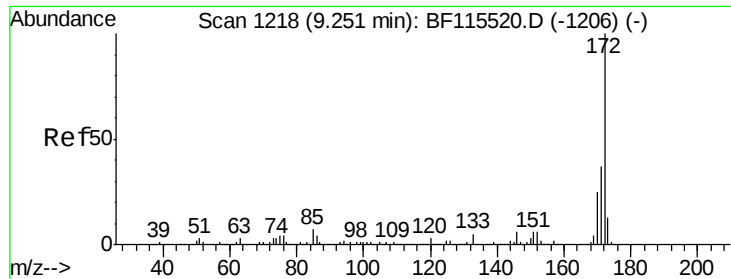
Ion 196.00 (195.70 to 196.70): E

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

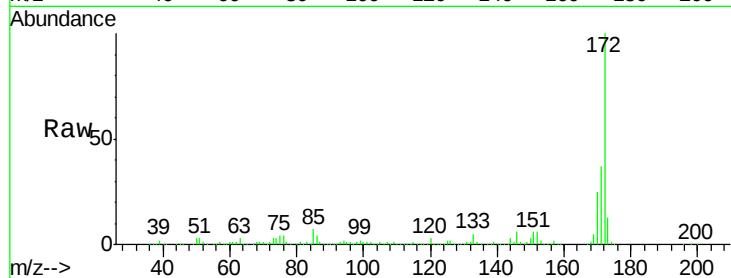




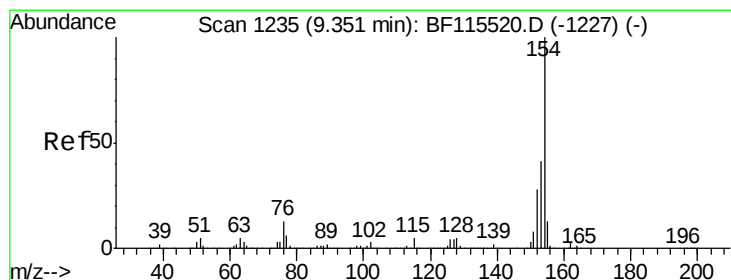
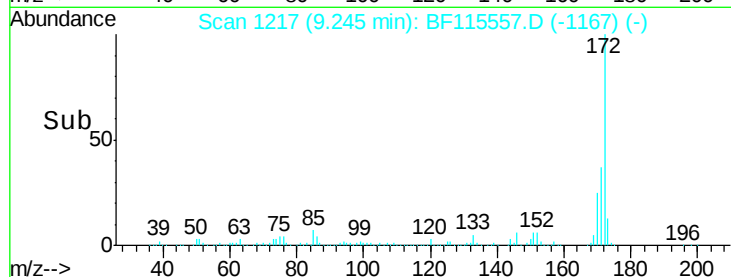
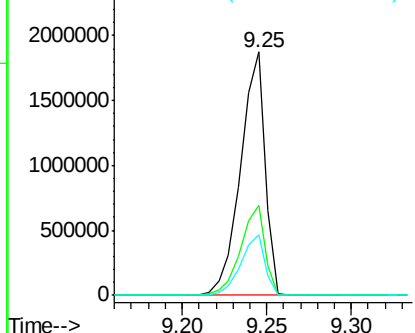
#45
2-Fluorobiphenyl
Concen: 85.743 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1905388
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 24.9 20.5 30.7

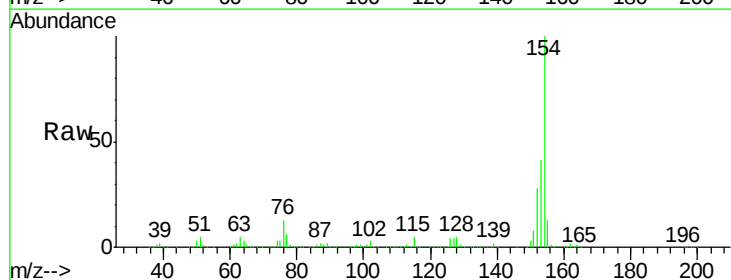


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

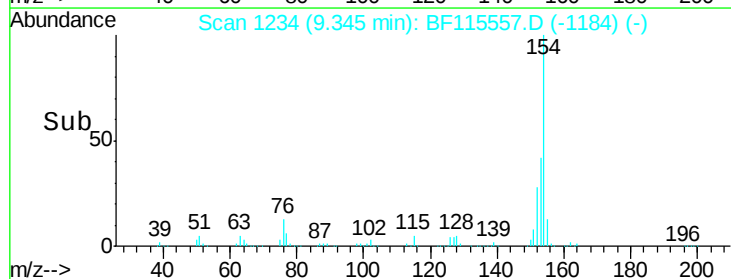
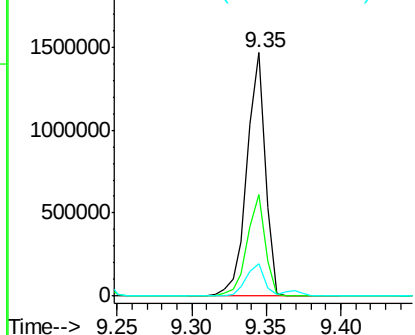


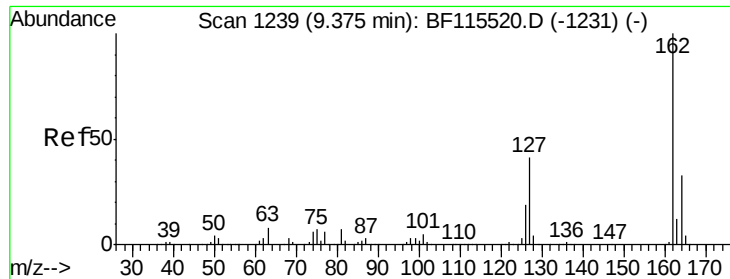
#46
1,1'-Biphenyl
Concen: 41.066 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:154 Resp: 1248715
Ion Ratio Lower Upper
154 100
153 41.5 22.6 62.6
76 13.5 0.0 33.4



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

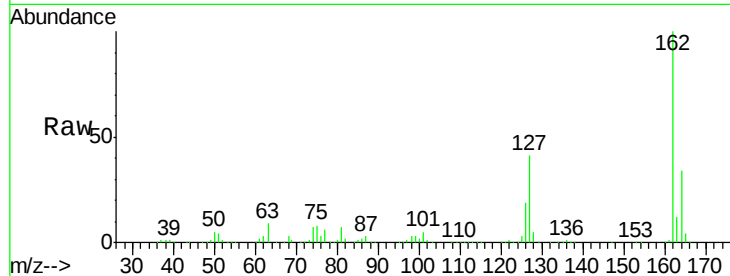




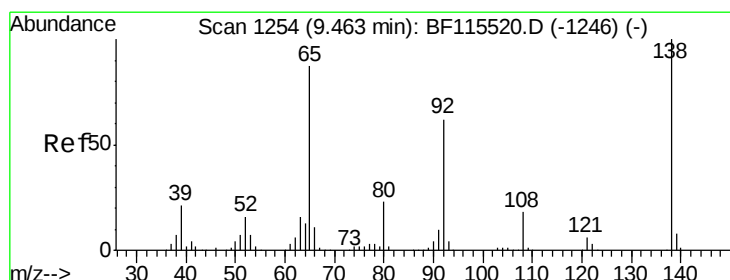
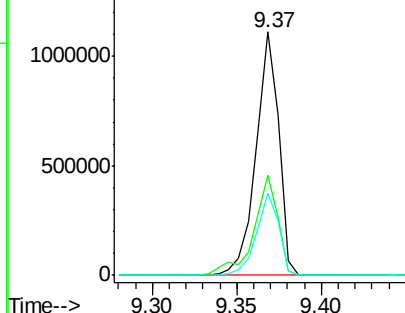
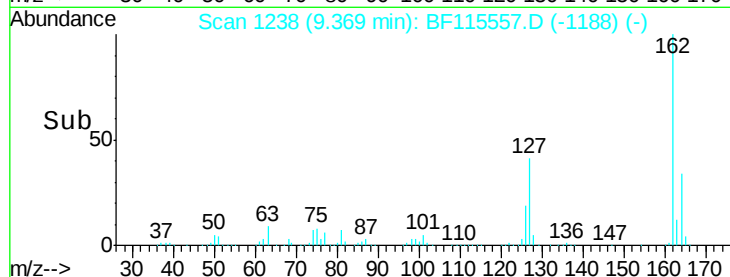
#47
2-Chloronaphthalene
Concen: 41.265 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 1044778
Ion Ratio Lower Upper
162 100
127 41.3 34.1 51.1
164 33.7 27.4 41.2

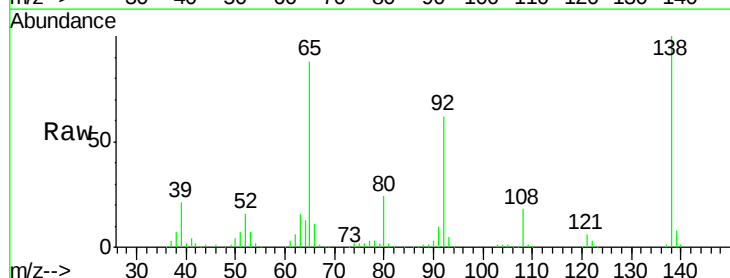


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

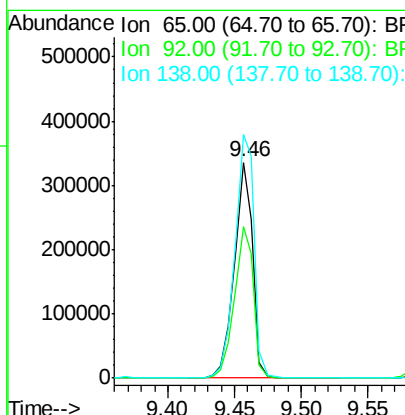
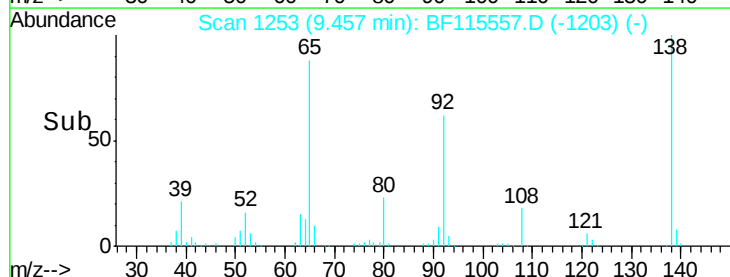


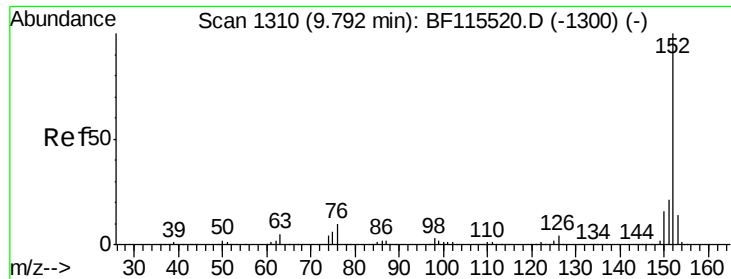
#48
2-Nitroaniline
Concen: 41.444 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion: 65 Resp: 324777
Ion Ratio Lower Upper
65 100
92 70.5 57.8 86.6
138 113.0 91.2 136.8



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: 41.259 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

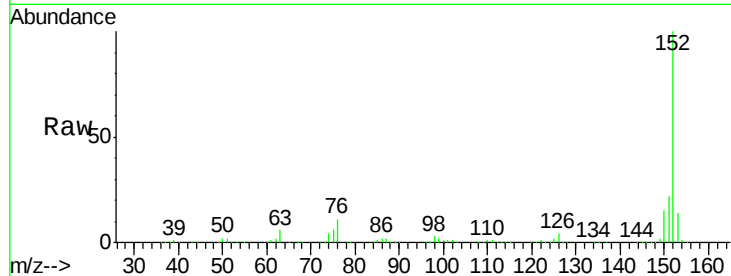
Tot Ion:152 Resp: 1547909

Ion Ratio Lower Upper

152 100

151 21.6 17.7 26.5

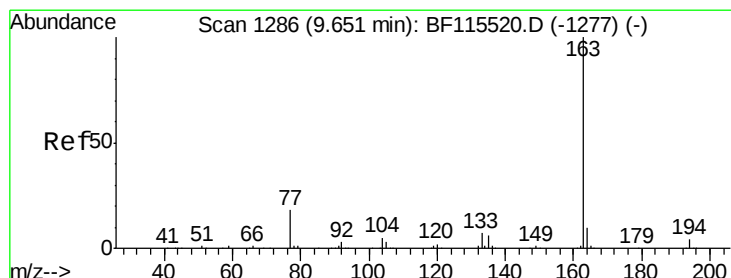
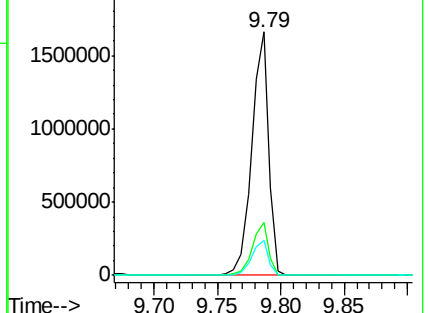
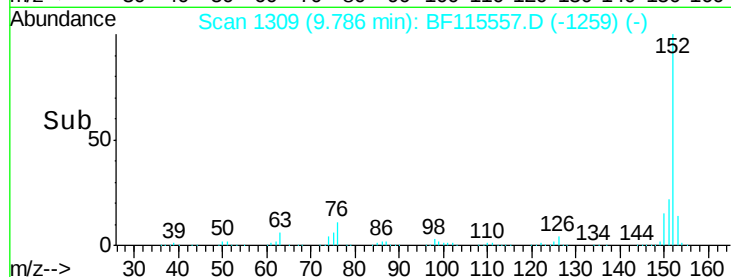
153 14.4 12.0 18.0



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: 40.989 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

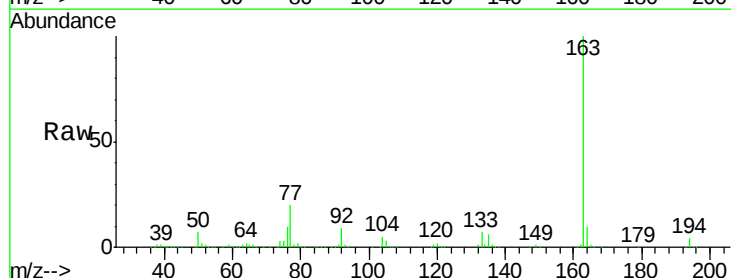
Tgt Ion:163 Resp: 1199486

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

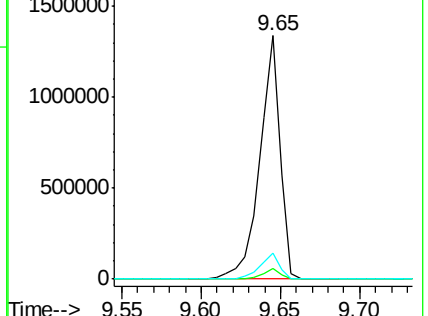
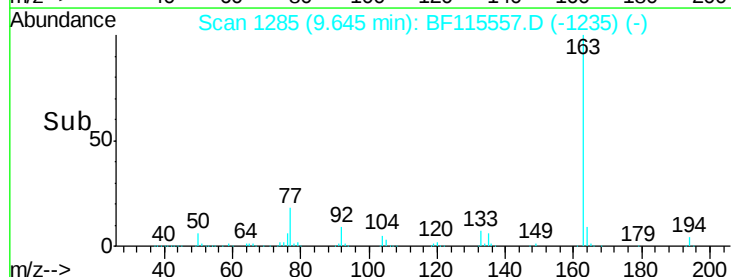
164 10.4 8.7 13.1

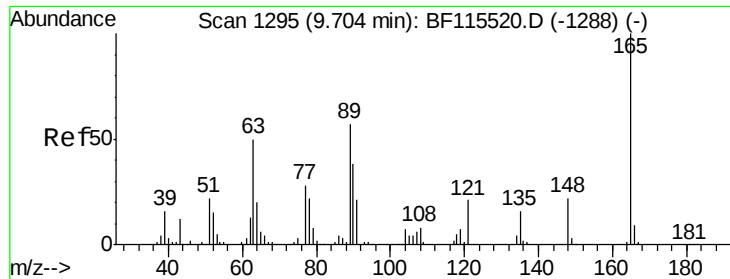


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.598 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampled :

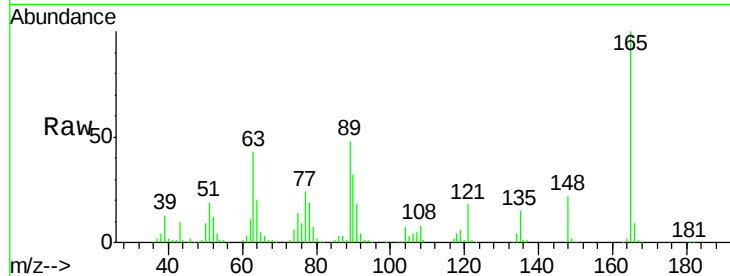
Tot Ion:165 Resp: 276640

Ion Ratio Lower Upper

165 100

63 43.2 40.6 61.0

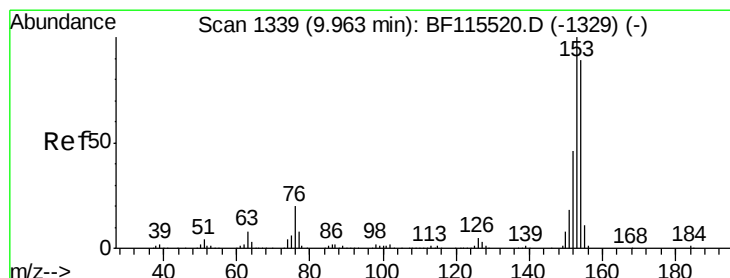
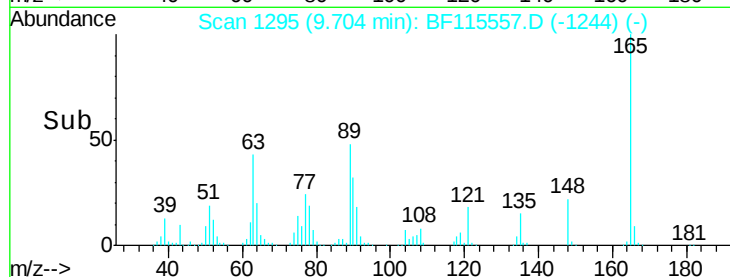
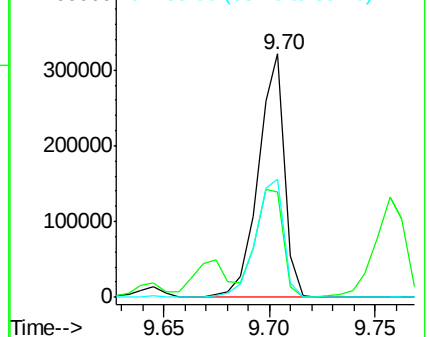
89 48.3 43.9 65.9



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: 41.534 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

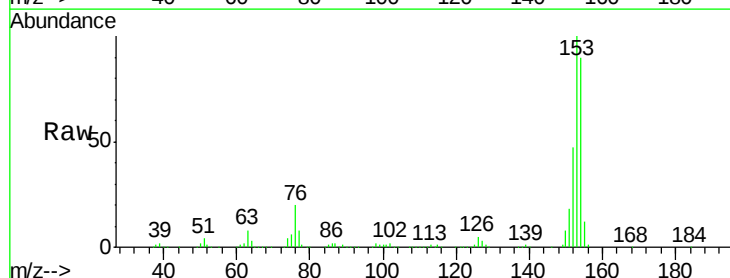
Tgt Ion:154 Resp: 1006012

Ion Ratio Lower Upper

154 100

153 111.4 88.6 133.0

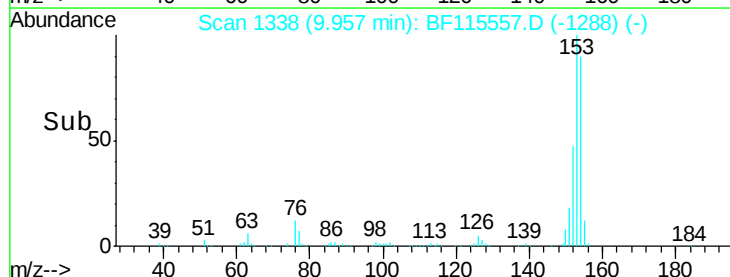
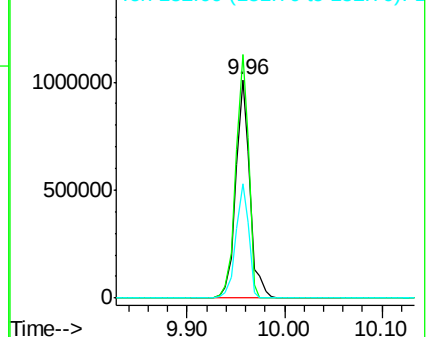
152 52.2 42.3 63.5

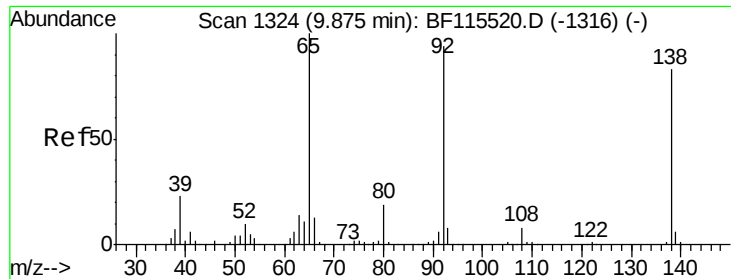


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

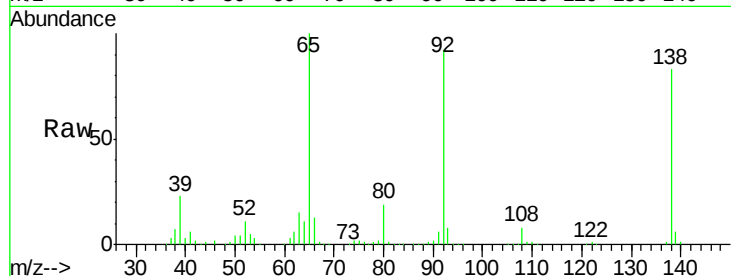




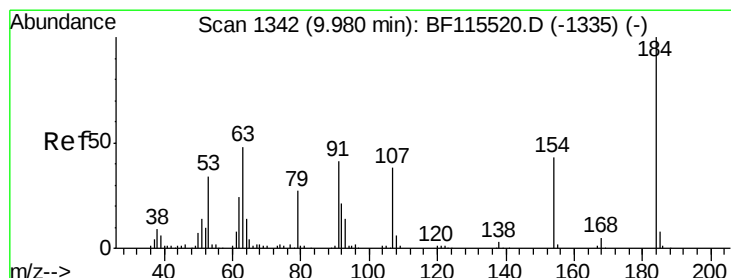
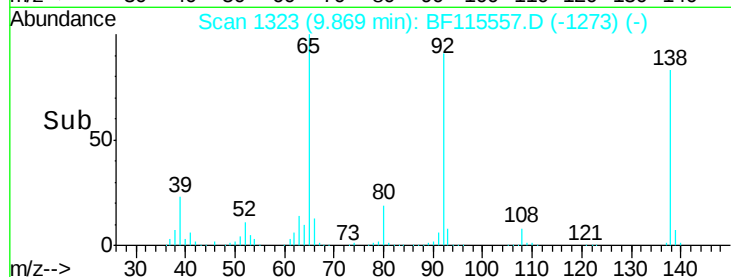
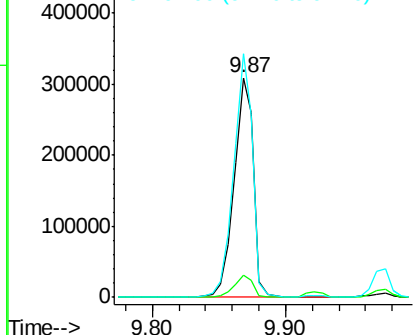
#53
3-Nitroaniline
Concen: 41.399 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 314615
Ion Ratio Lower Upper
138 100
108 10.2 8.4 12.6
92 110.9 88.0 132.0

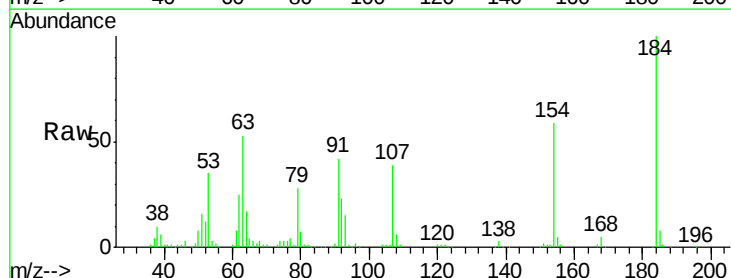


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

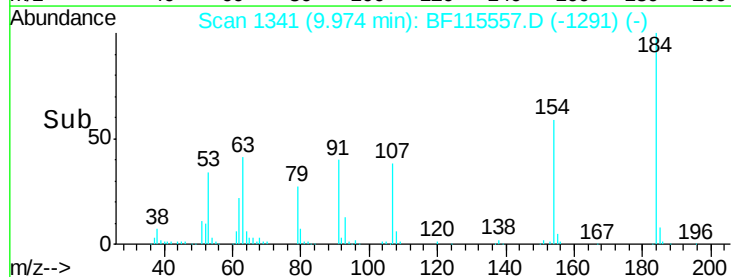
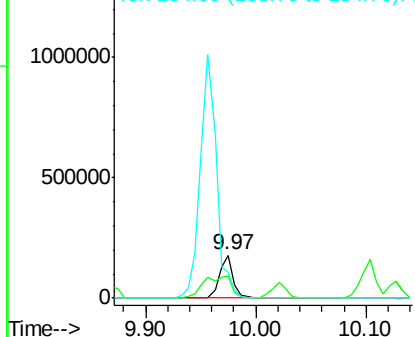


#54
2,4-Dinitrophenol
Concen: 44.448 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:184 Resp: 151761
Ion Ratio Lower Upper
184 100
63 52.6 48.7 73.1
154 59.1 48.6 73.0



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

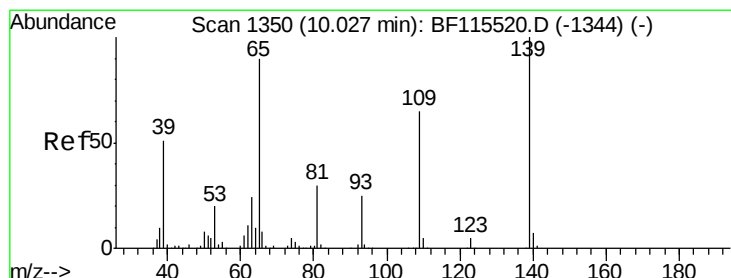
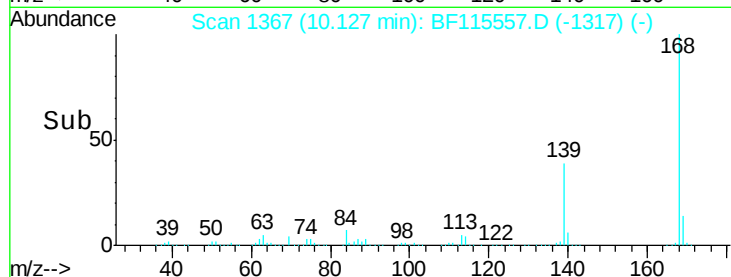
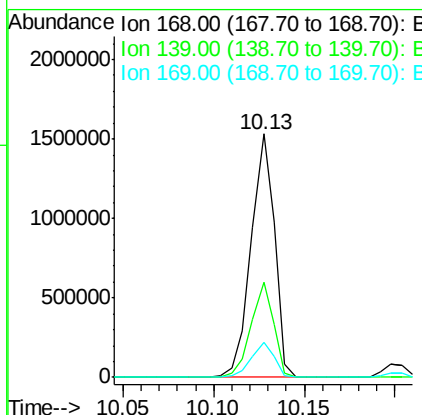
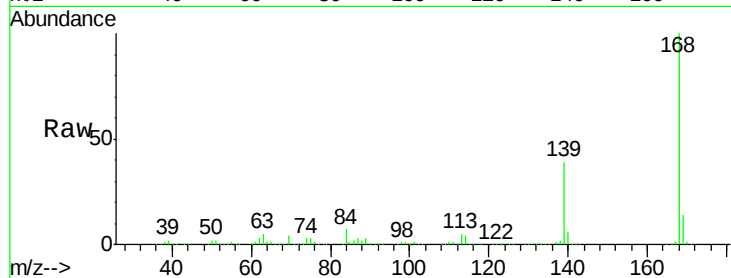




#55
Dibenzofuran
Concen: 40.173 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

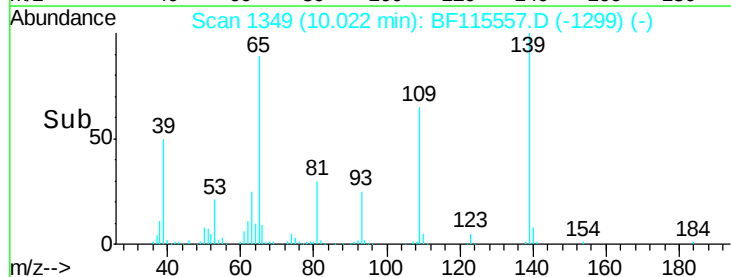
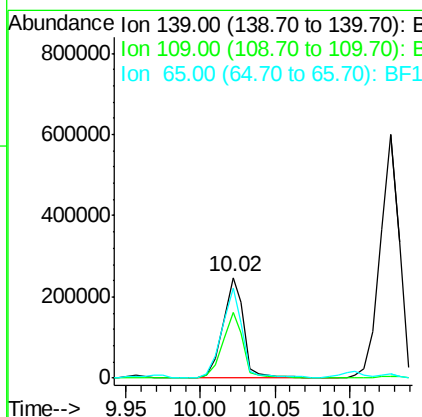
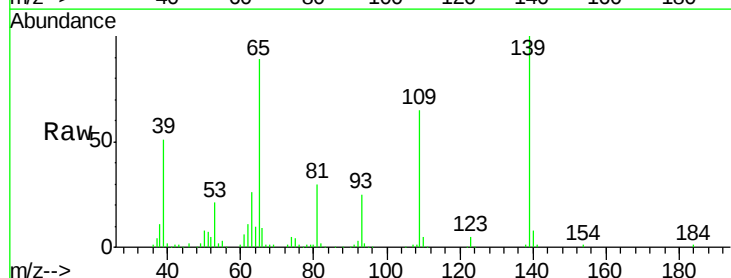
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1381832
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7
169 14.2 11.1 16.7



#56
4-Nitrophenol
Concen: 42.899 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:139 Resp: 248605
Ion Ratio Lower Upper
139 100
109 65.3 46.4 86.4
65 89.2 68.9 108.9

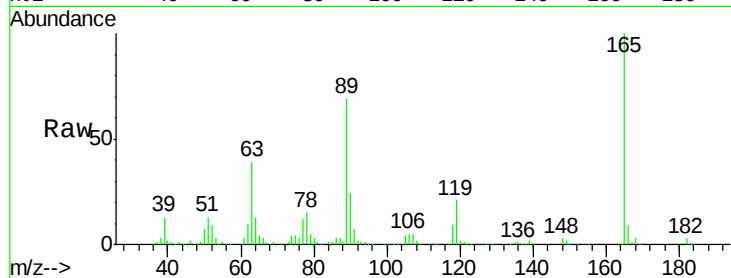




#57
2,4-Dinitrotoluene
Concen: 42.951 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.3	34.9	52.3
89	69.5	57.5	86.3
182	2.6	2.2	3.4

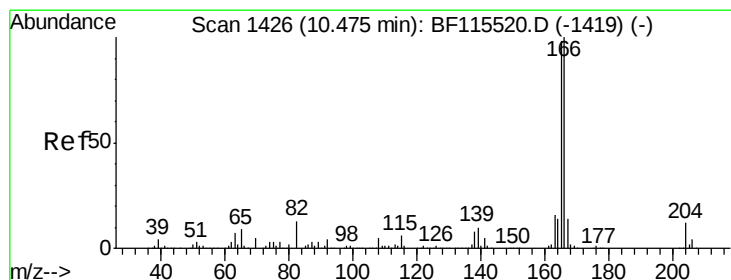
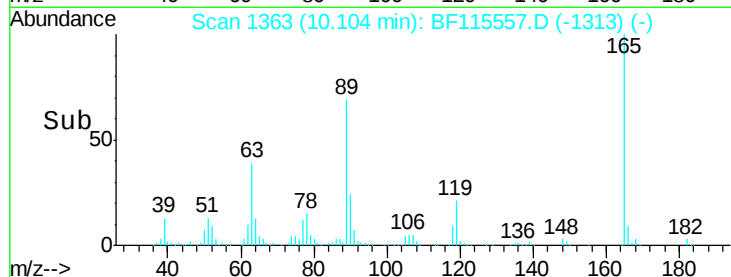
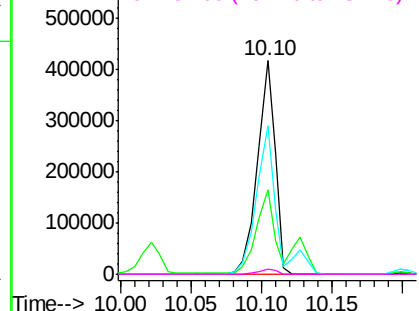


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

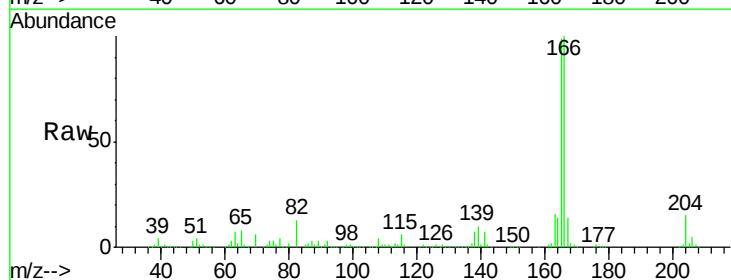
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.772 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

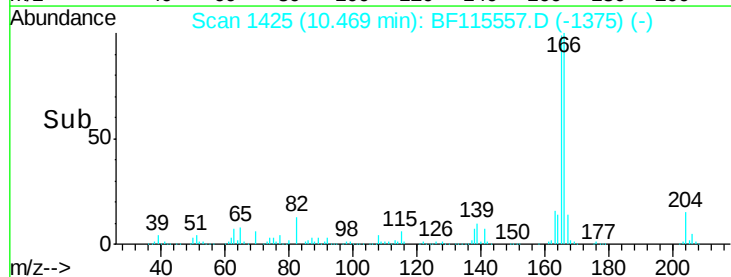
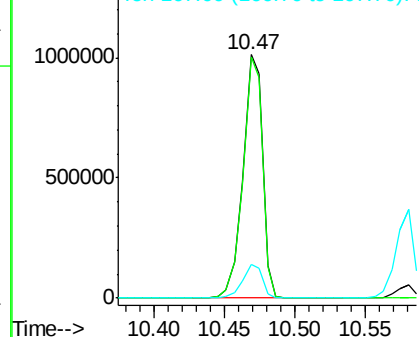
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.6
167	14.0	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

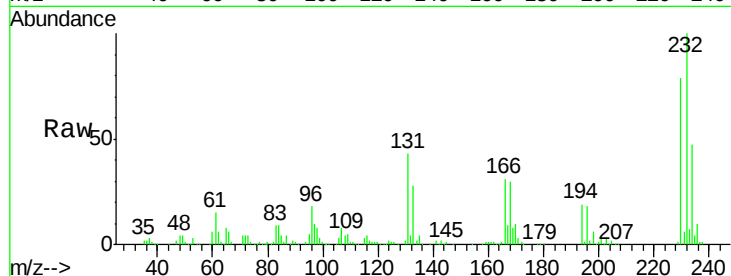




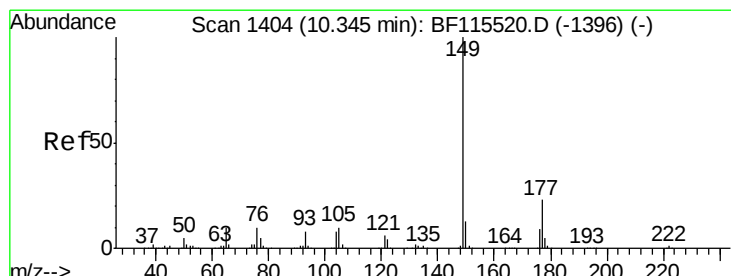
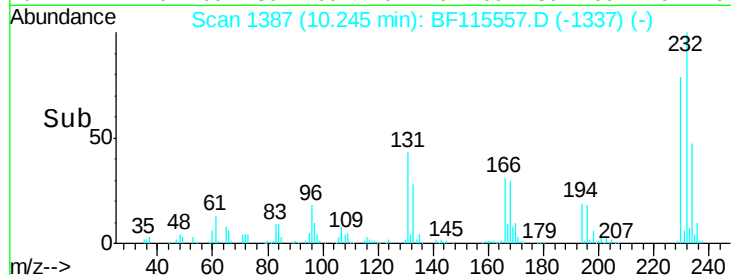
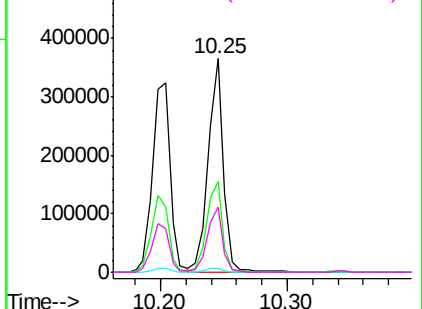
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.956 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 307653
 Ion Ratio Lower Upper
 232 100
 131 44.3 35.9 53.9
 130 2.1 1.8 2.6
 166 31.1 24.8 37.2

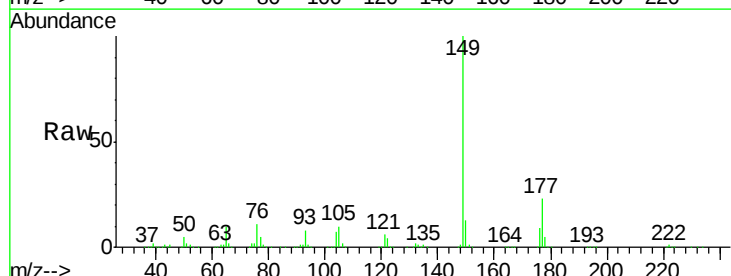


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

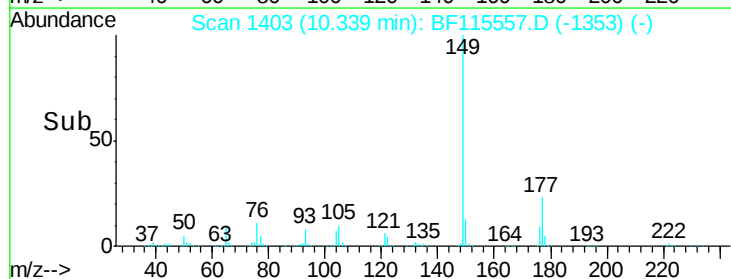
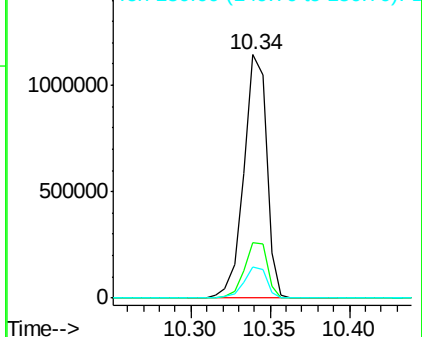


#60
 Diethylphthalate
 Concen: 41.589 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

Tgt Ion:149 Resp: 1140297
 Ion Ratio Lower Upper
 149 100
 177 23.0 19.5 29.3
 150 13.0 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

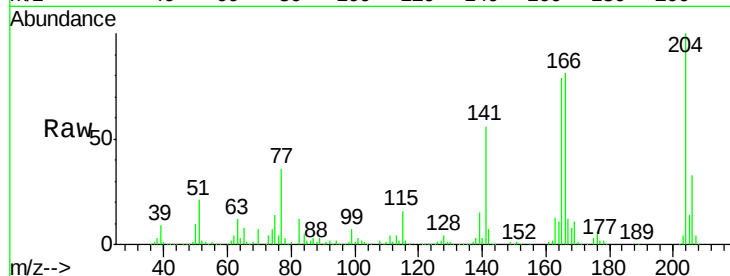




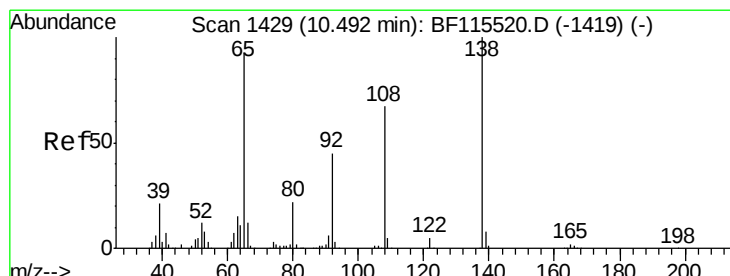
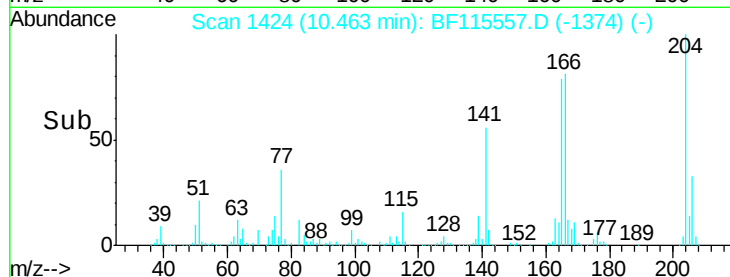
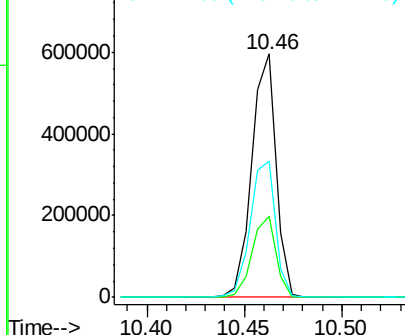
#61
 4-Chlorophenyl-phenylether
 Concen: 37.706 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 514172
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.7 40.1
 141 55.7 44.2 66.2

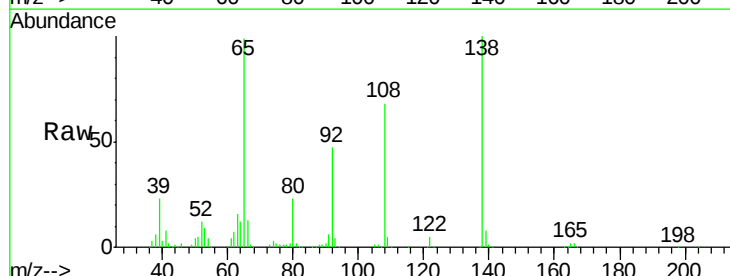


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

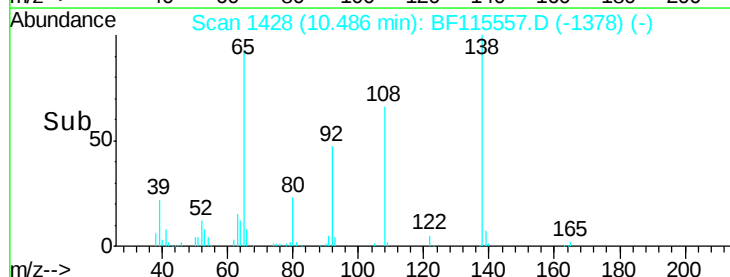
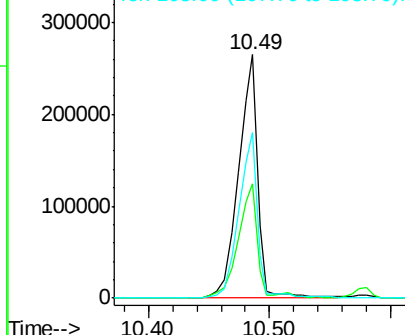


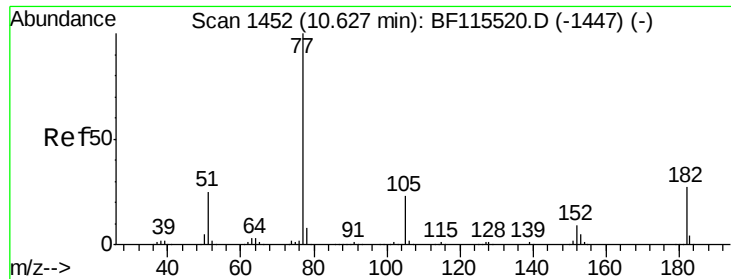
#62
 4-Nitroaniline
 Concen: 40.321 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

Tgt Ion:138 Resp: 293928
 Ion Ratio Lower Upper
 138 100
 92 47.2 27.1 67.1
 108 68.2 48.0 88.0



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: 39.847 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1059721

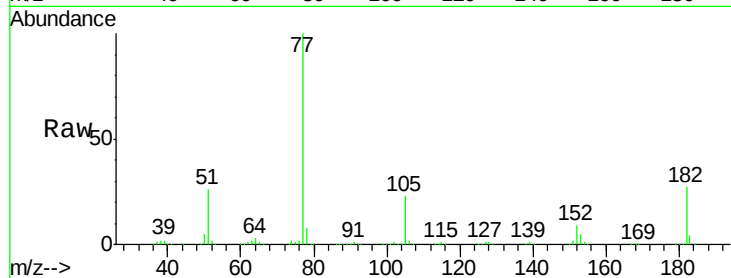
Ion Ratio Lower Upper

77 100

182 27.1 6.9 46.9

105 23.4 3.9 43.9

51 25.6 7.3 47.3

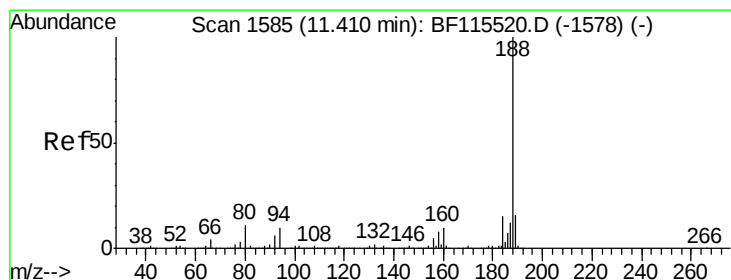
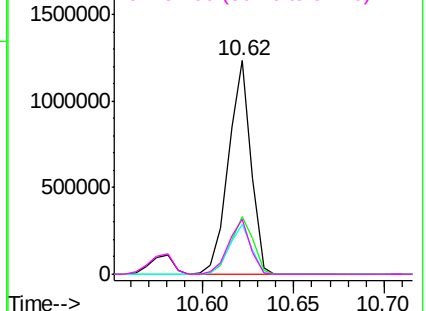
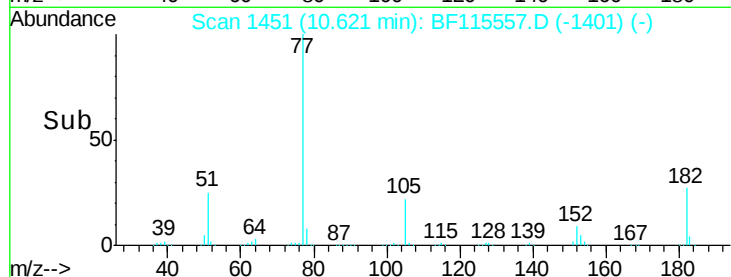


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

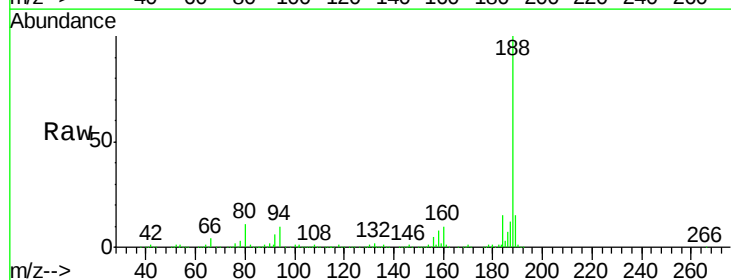
Tgt Ion: 188 Resp: 715013

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

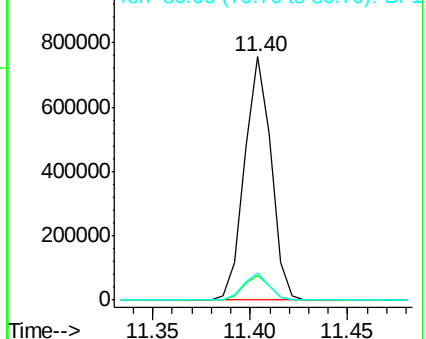
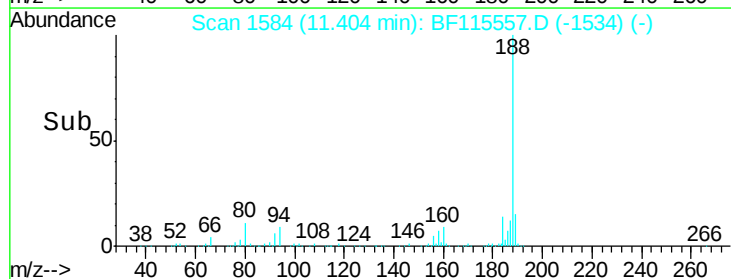
80 11.0 8.6 13.0

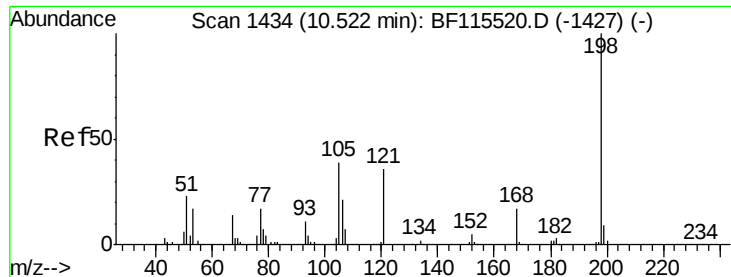


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.659 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

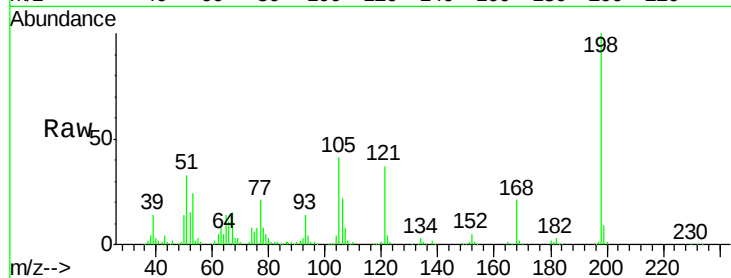
Tot Ion:198 Resp: 186354

Ion Ratio Lower Upper

198 100

51 33.3 19.1 59.1

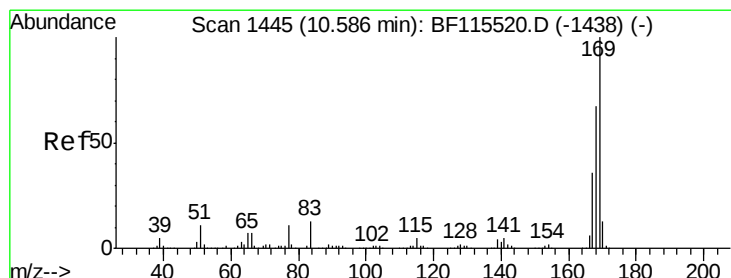
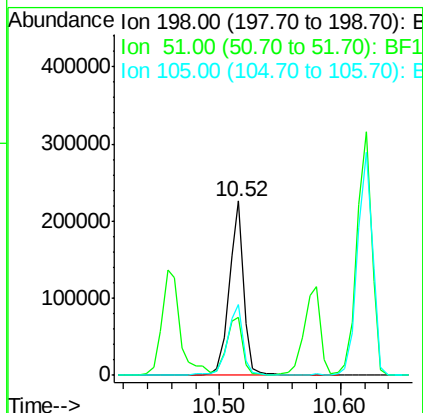
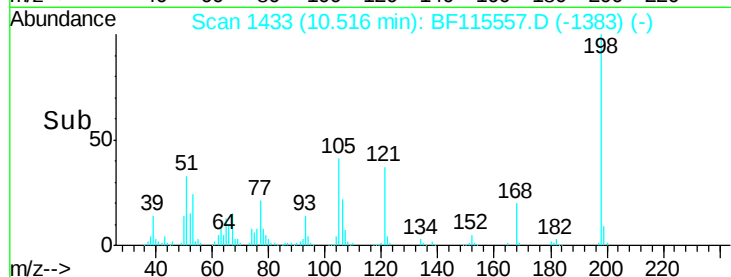
105 40.8 23.6 63.6



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: 41.023 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

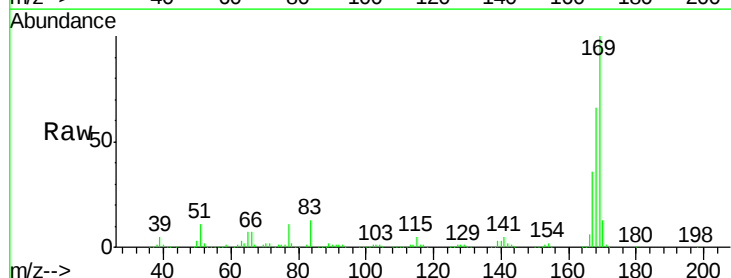
Tgt Ion:169 Resp: 912408

Ion Ratio Lower Upper

169 100

168 66.5 54.3 81.5

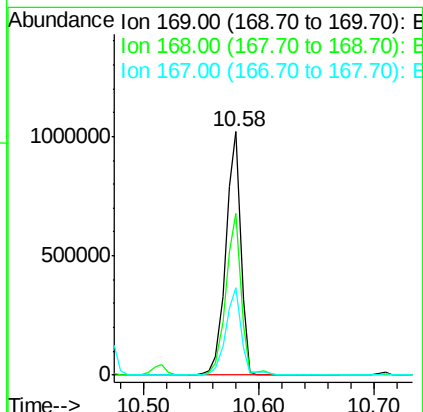
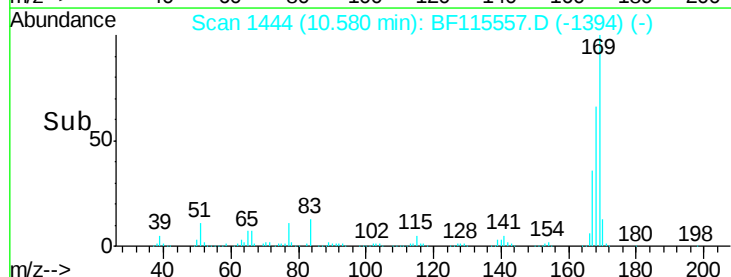
167 35.9 30.2 45.2

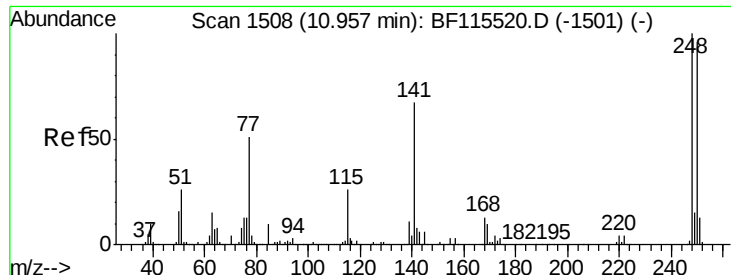


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

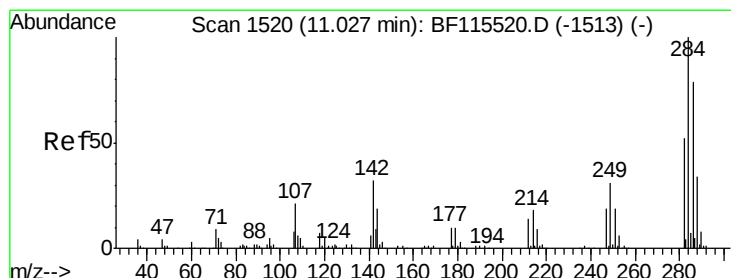
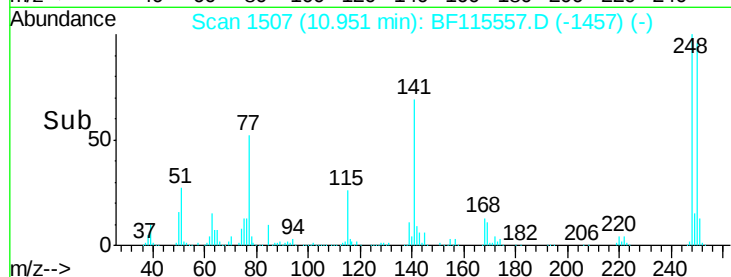
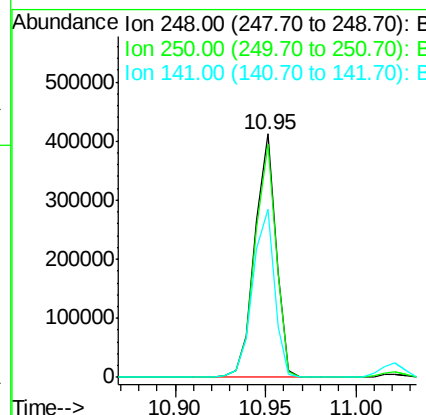
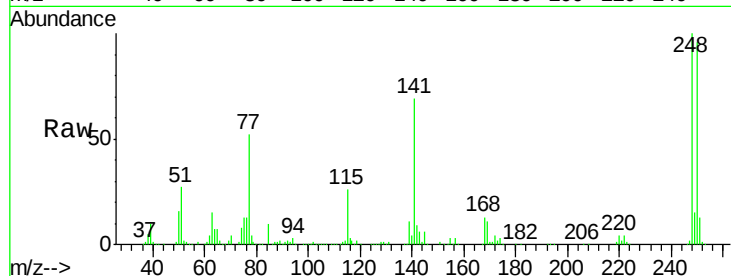




#67
4-Bromophenyl-phenylether
Concen: 41.066 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

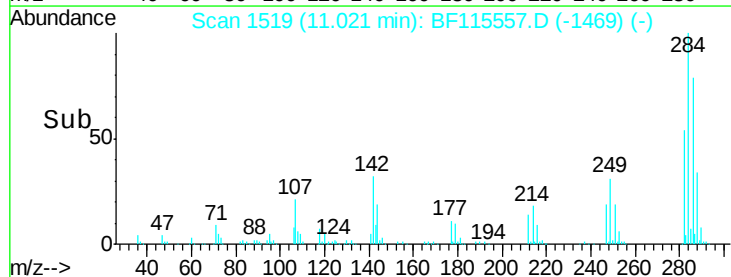
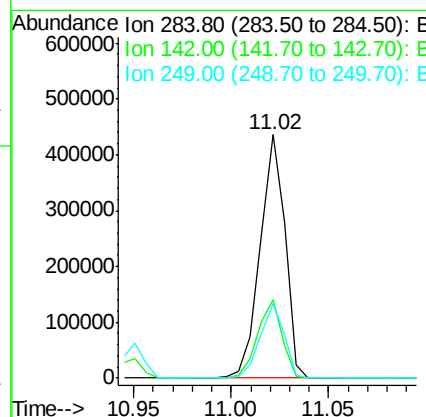
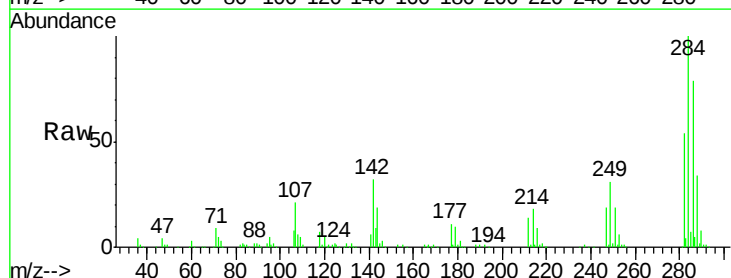
Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 335550
Ion Ratio Lower Upper
248 100
250 95.9 78.0 117.0
141 69.1 57.7 86.5



#68
Hexachlorobenzene
Concen: 41.115 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:284 Resp: 383654
Ion Ratio Lower Upper
284 100
142 32.4 22.2 33.2
249 30.8 23.4 35.2

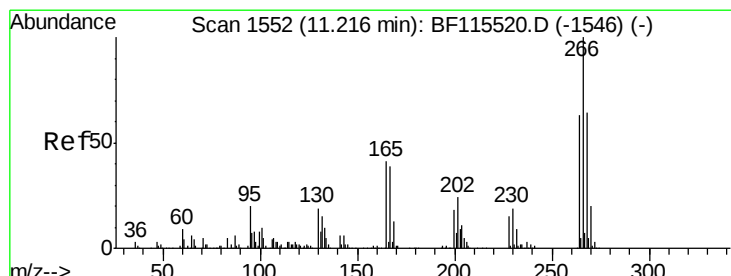
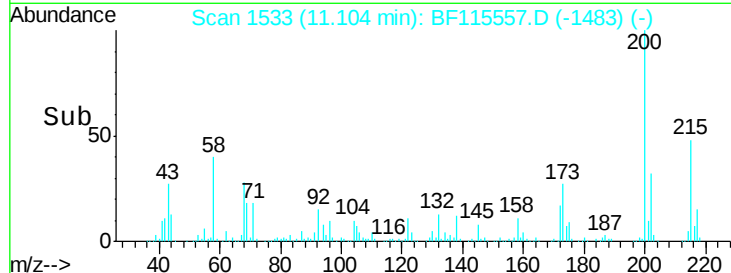
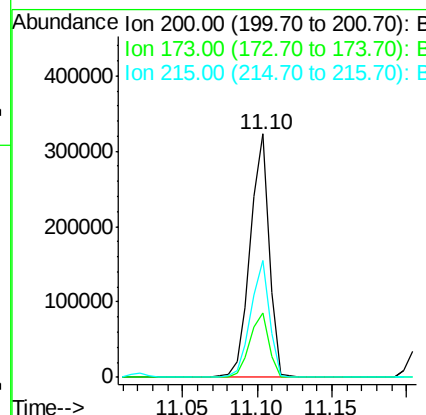
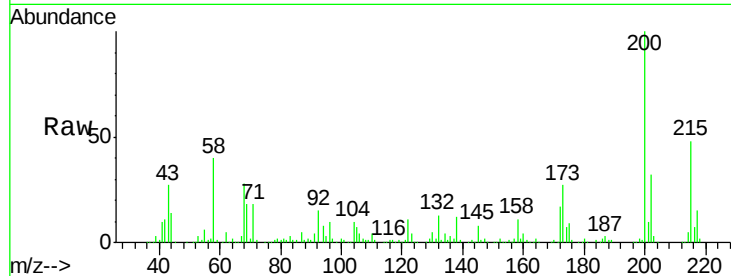




#69
 Atrazine
 Concen: 38.860 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

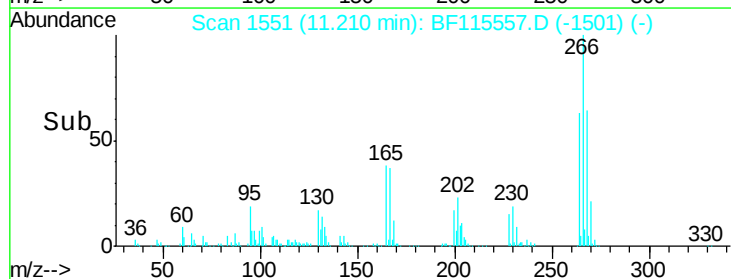
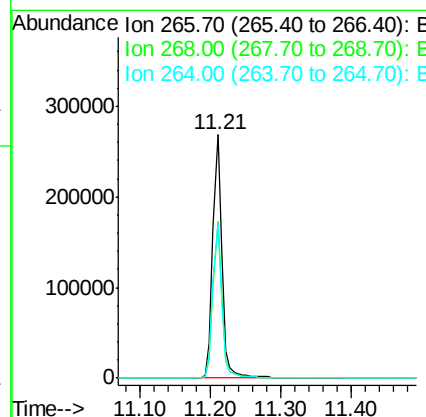
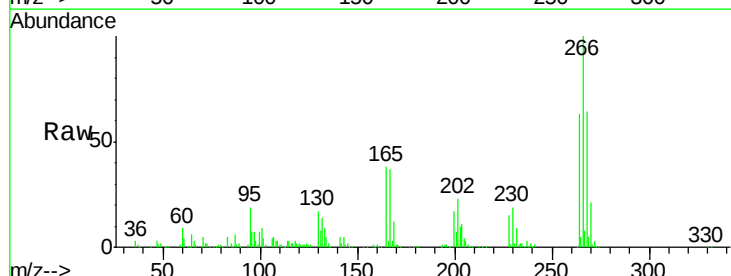
Instrument :
 BNA_F
 ClientSampleId :

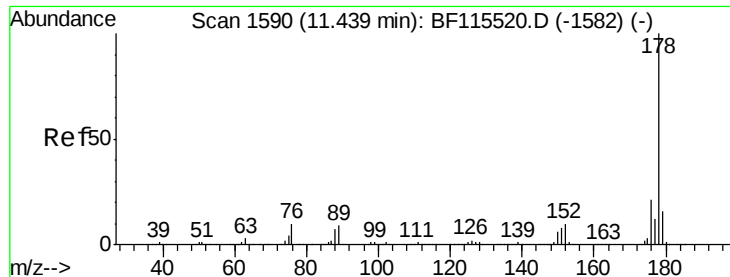
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.9	46.9
215	48.0	27.9	67.9



#70
 Pentachlorophenol
 Concen: 42.956 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.6	77.4
264	63.5	50.6	76.0

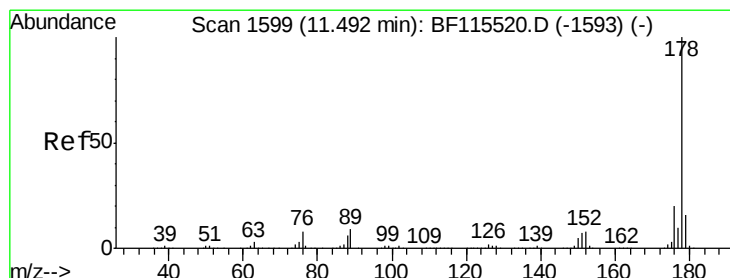
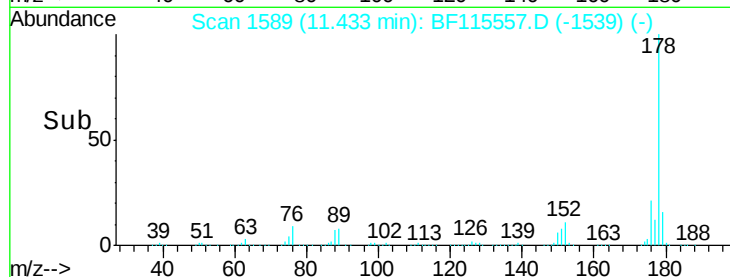
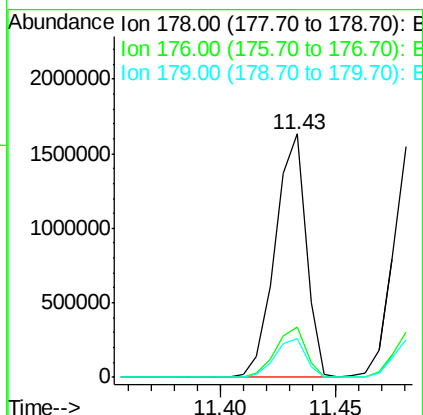
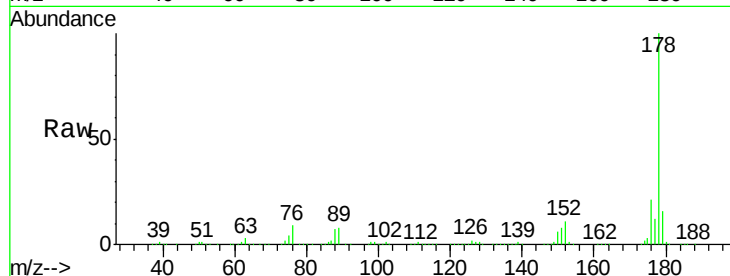




#71
Phenanthrene
Concen: 41.449 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

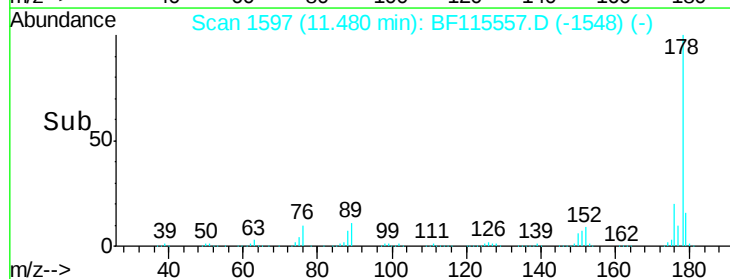
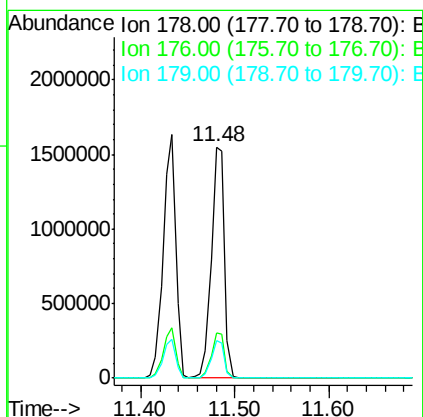
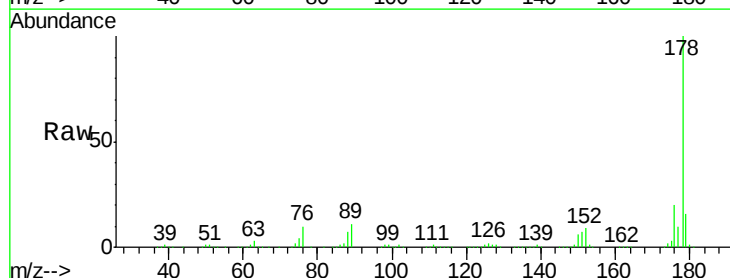
Instrument :
BNA_F
ClientSampleId :

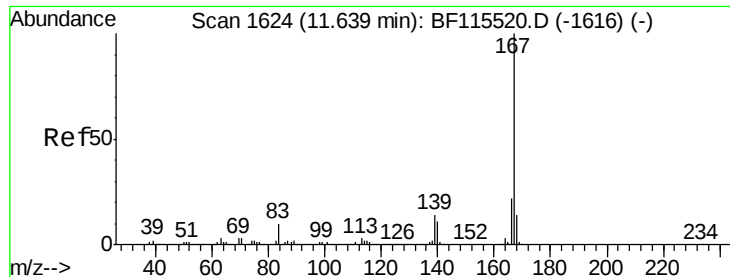
Tot Ion:178 Resp: 1519138
Ion Ratio Lower Upper
178 100
176 20.6 17.2 25.8
179 15.9 13.5 20.3



#72
Anthracene
Concen: 40.705 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:178 Resp: 1541800
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.2 12.7 19.1





#73

Carbazole

Concen: 41.717 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

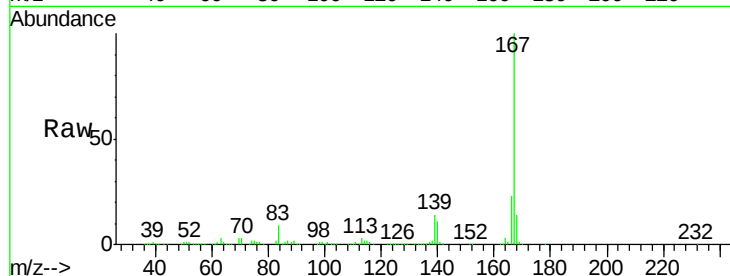
Tot Ion:167 Resp: 1385658

Ion Ratio Lower Upper

167 100

166 22.8 18.1 27.1

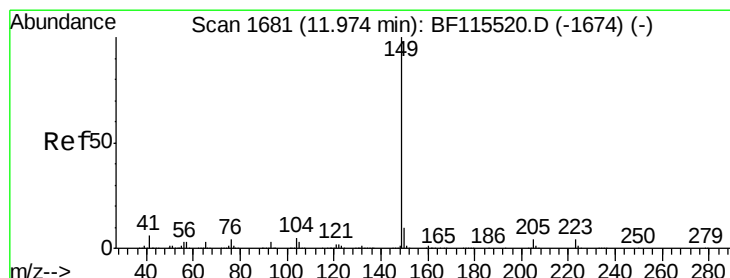
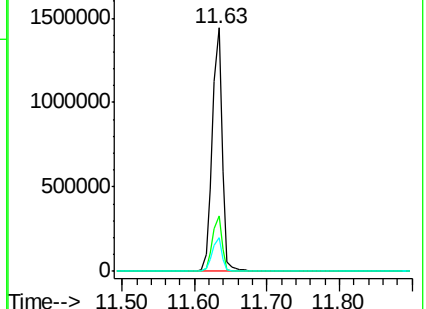
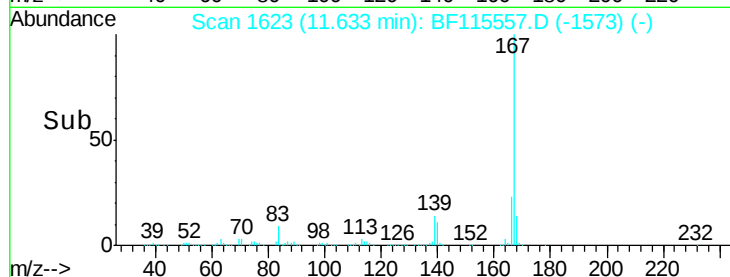
139 13.6 11.3 16.9



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: 40.225 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

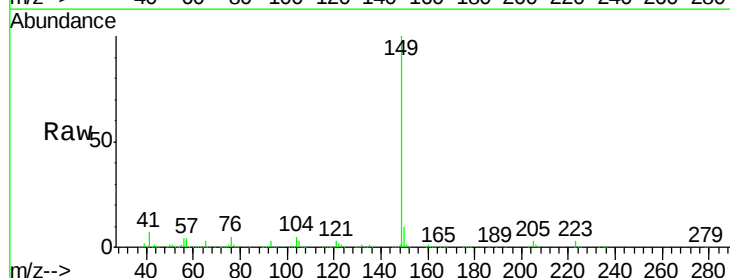
Tgt Ion:149 Resp: 1645752

Ion Ratio Lower Upper

149 100

150 10.1 7.7 11.5

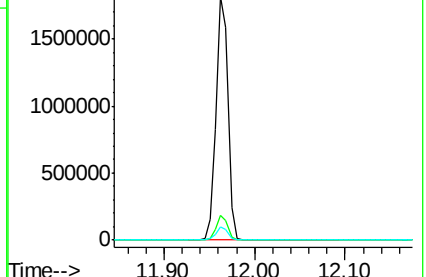
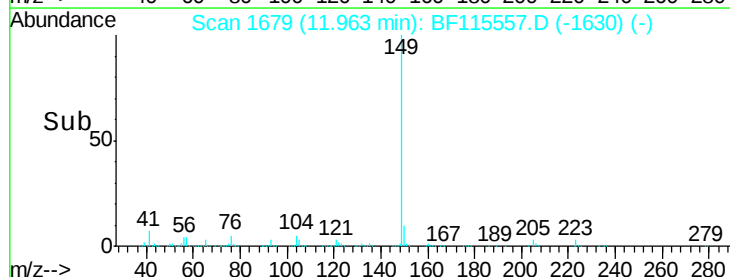
104 5.3 3.8 5.8

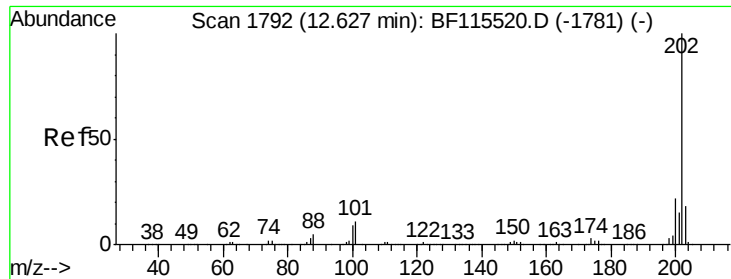


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

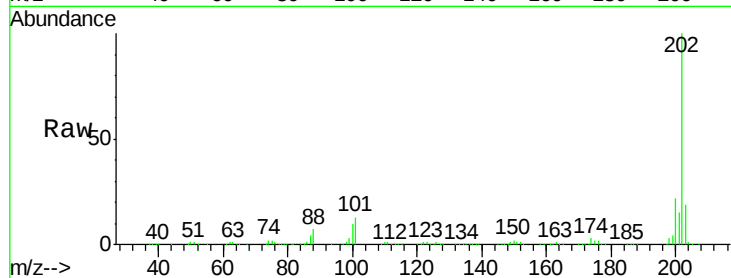




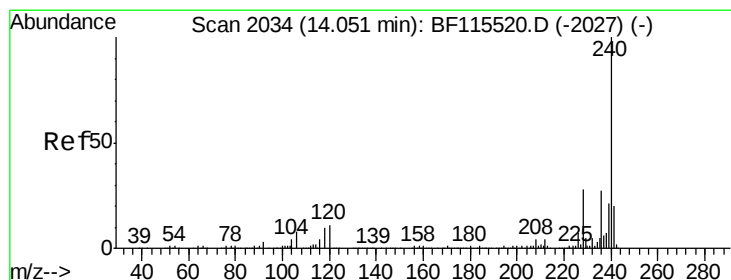
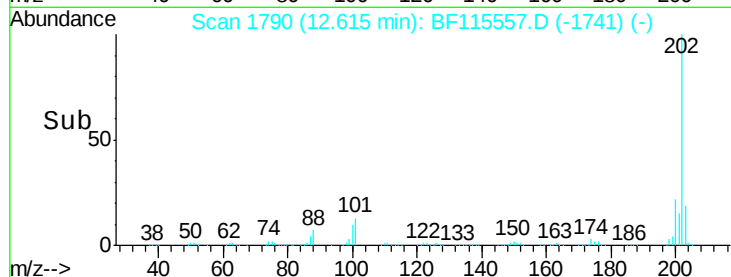
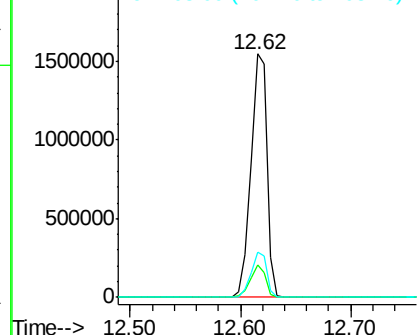
#75
Fluoranthene
Concen: 41.133 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1593101
Ion Ratio Lower Upper
202 100
101 13.4 0.0 31.4
203 18.5 0.0 38.1

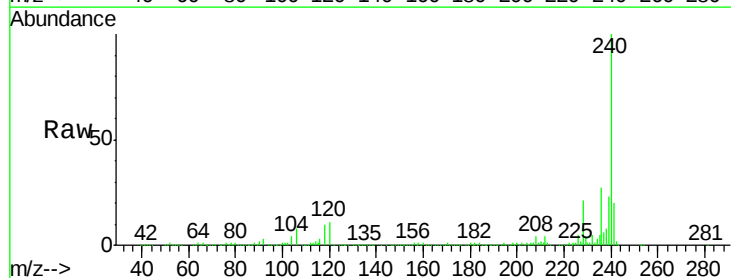


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

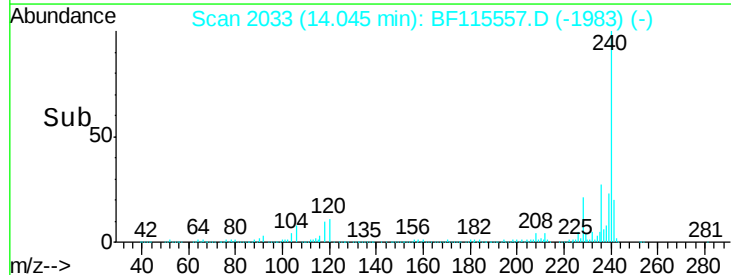
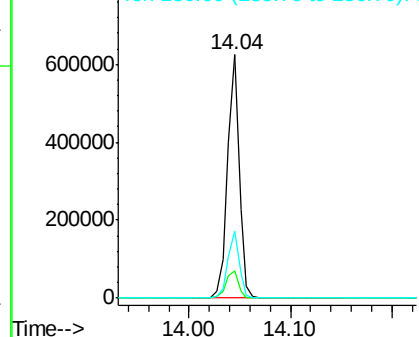


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:240 Resp: 500332
Ion Ratio Lower Upper
240 100
120 11.1 8.6 13.0
236 27.3 21.3 31.9



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

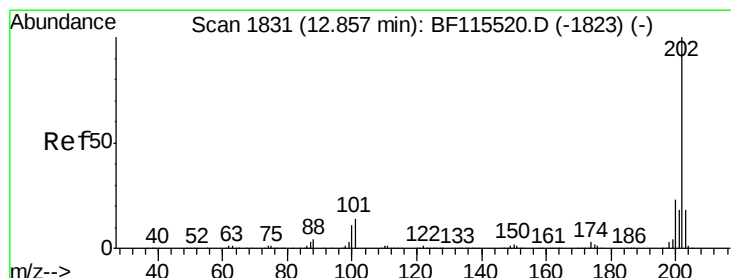
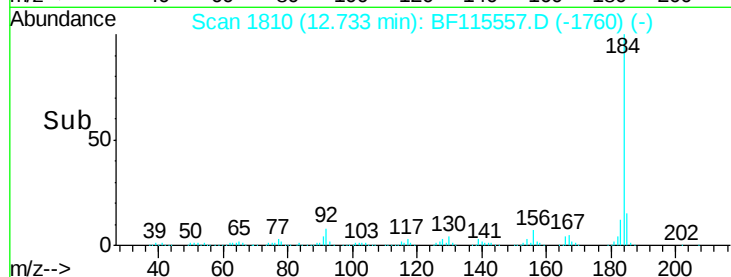
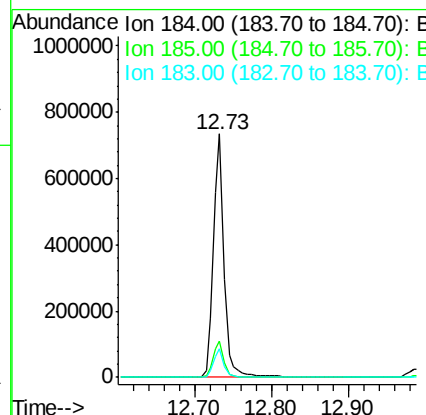
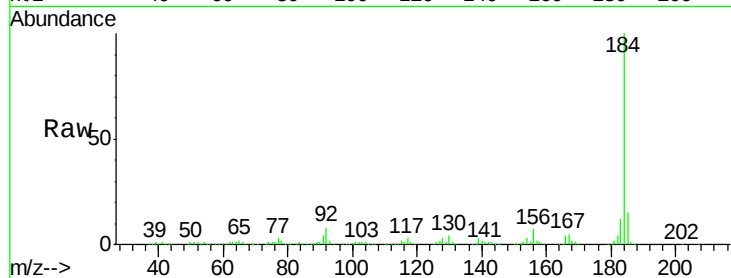




#77
Benzidine
Concen: 39.803 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

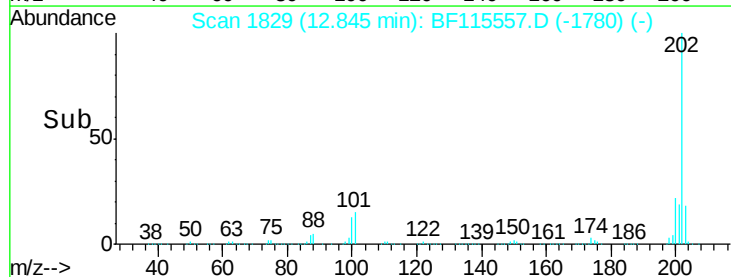
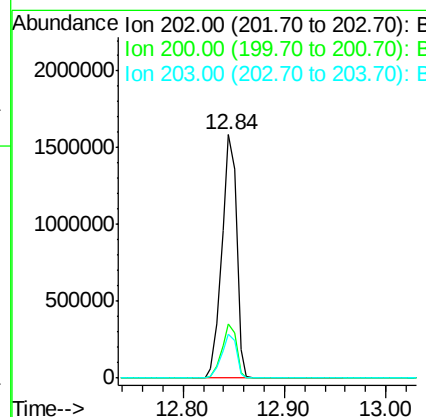
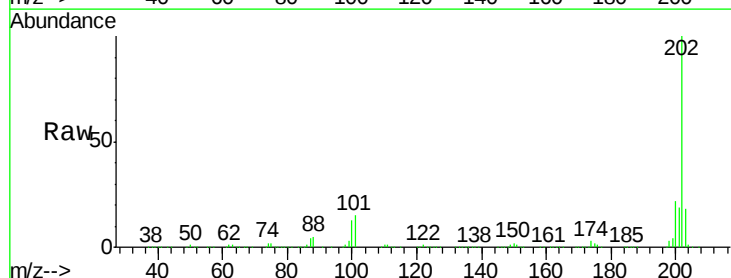
Instrument :
BNA_F
ClientSampleId :

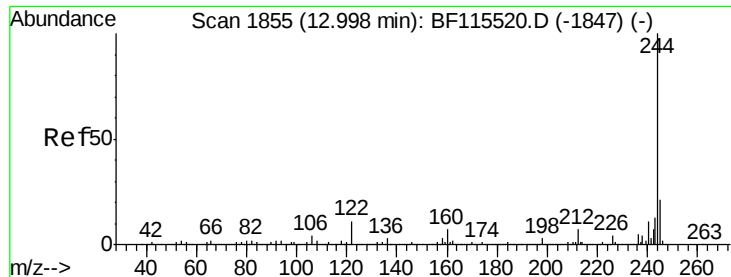
Tot Ion:184 Resp: 705486
Ion Ratio Lower Upper
184 100
185 15.1 12.0 18.0
183 11.7 9.3 13.9



#78
Pyrene
Concen: 37.751 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:202 Resp: 1600244
Ion Ratio Lower Upper
202 100
200 22.0 18.7 28.1
203 18.0 15.2 22.8



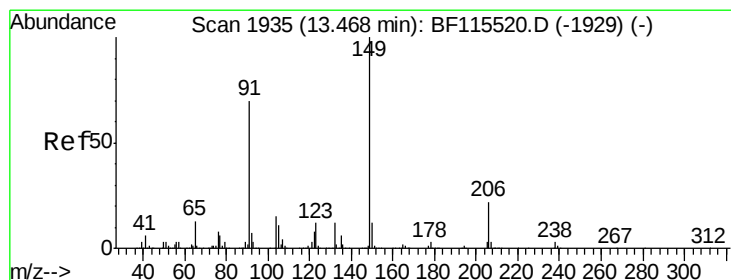
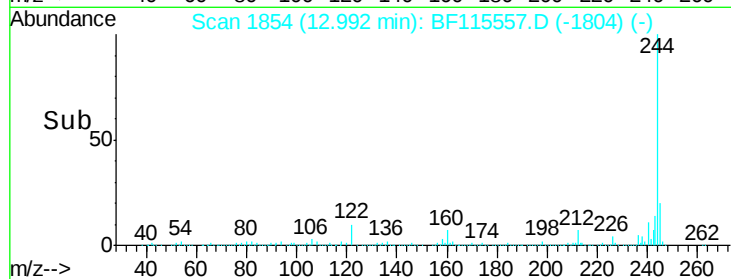
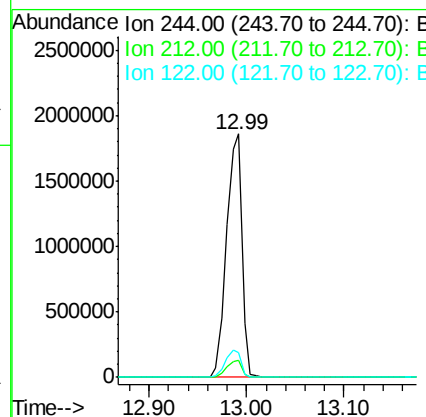
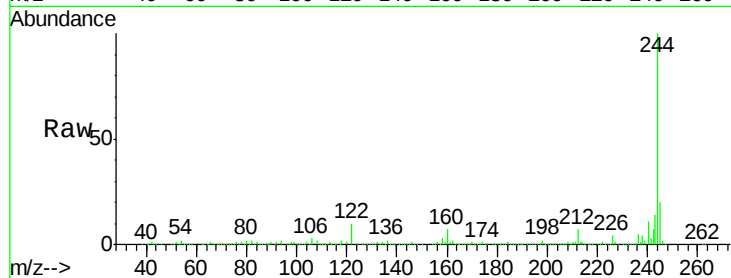


#79
 Terphenyl-d14
 Concen: 75.116 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2036824

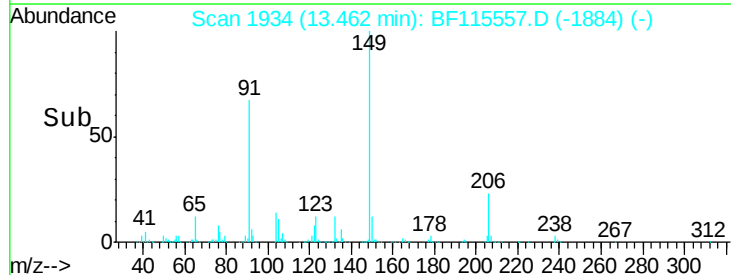
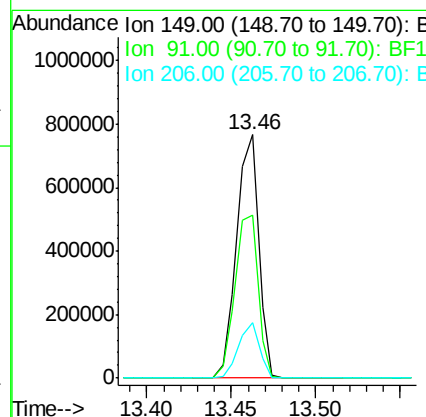
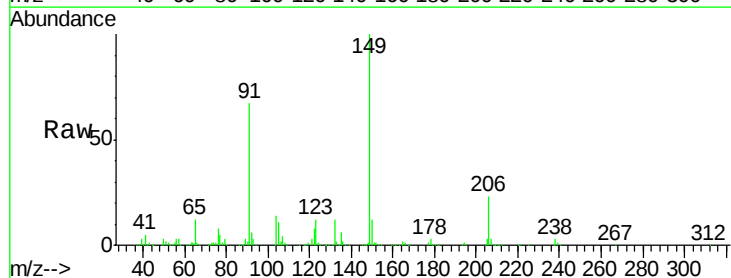
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.1	8.6	12.8

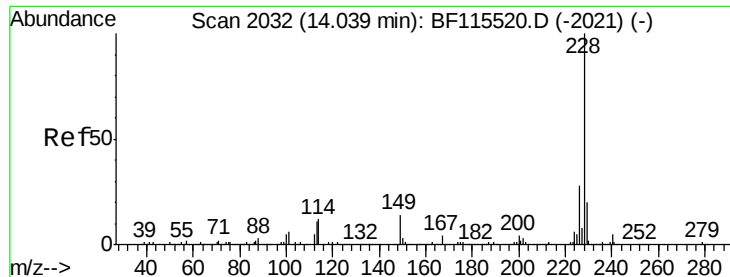


#80
 Butylbenzylphthalate
 Concen: 38.619 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115557.D
 Acq: 15 Jul 2019 15:32

Tgt Ion:149 Resp: 697876

Ion	Ratio	Lower	Upper
149	100		
91	67.2	55.8	83.8
206	22.7	18.2	27.2





#81

Benzo(a)anthracene

Concen: 41.904 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

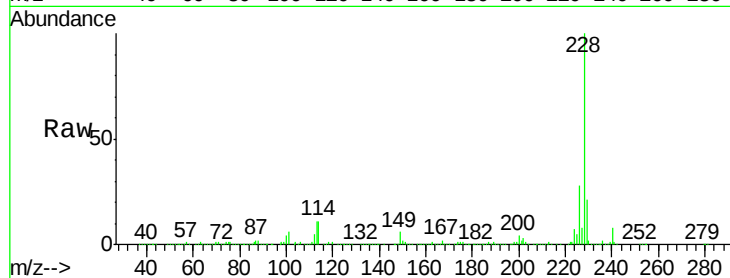
Tot Ion:228 Resp: 1381252

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.0
229	20.5	17.2	25.8

228 100

226 28.3 23.4 35.0

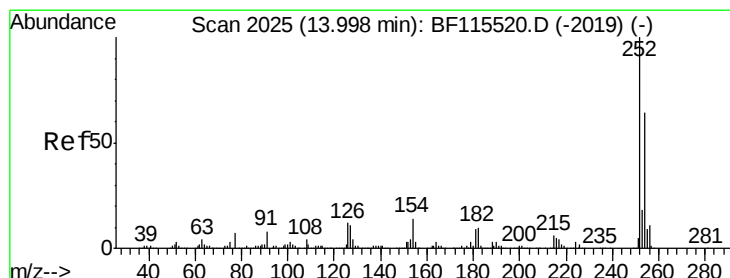
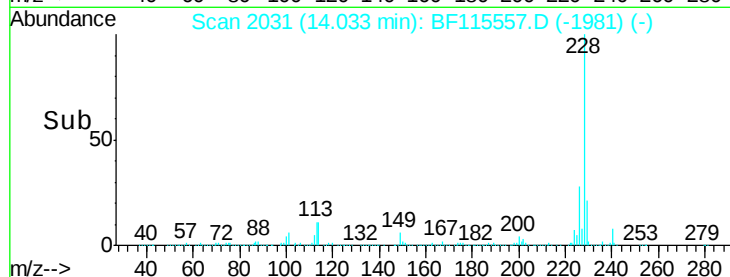
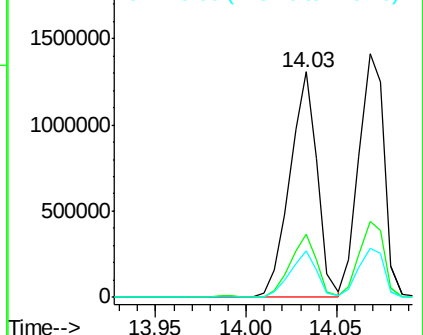
229 20.5 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.055 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

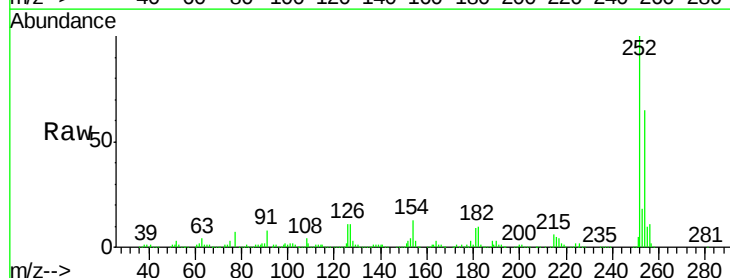
Tgt Ion:252 Resp: 516223

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.9	79.3
126	11.4	9.9	14.9

252 100

254 65.3 52.9 79.3

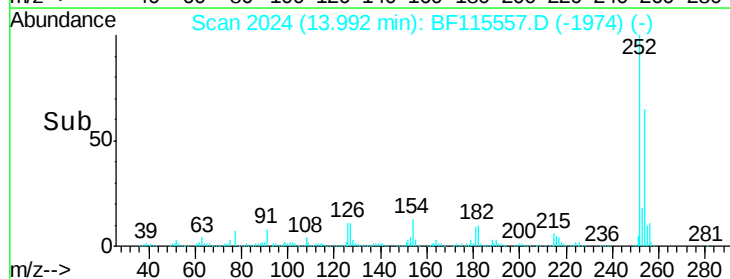
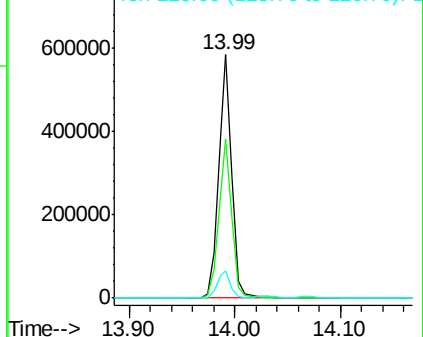
126 11.4 9.9 14.9

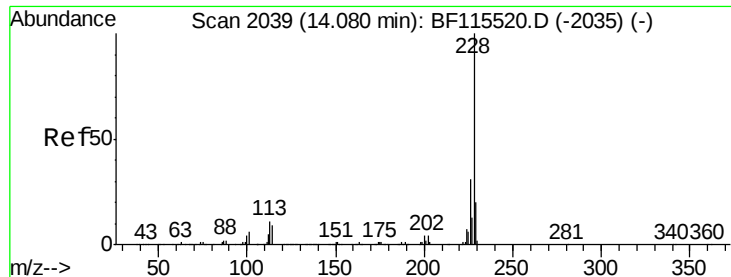


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.035 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

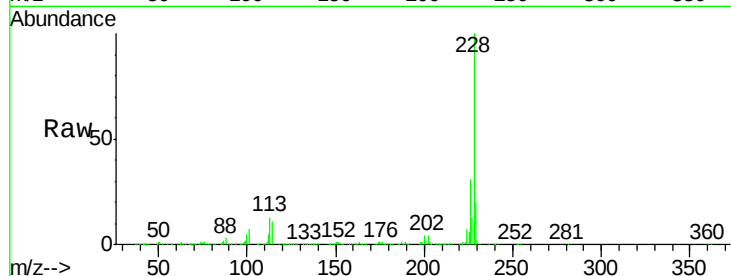
Tot Ion:228 Resp: 1390922

Ion Ratio Lower Upper

228 100

226 31.4 25.7 38.5

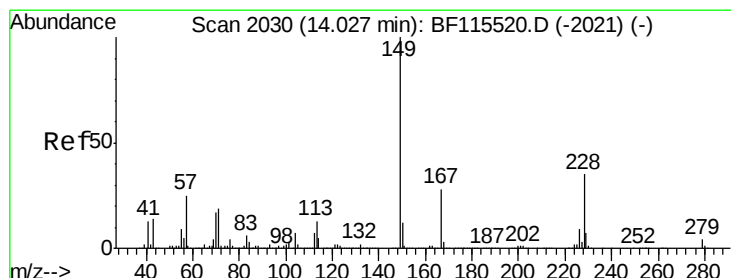
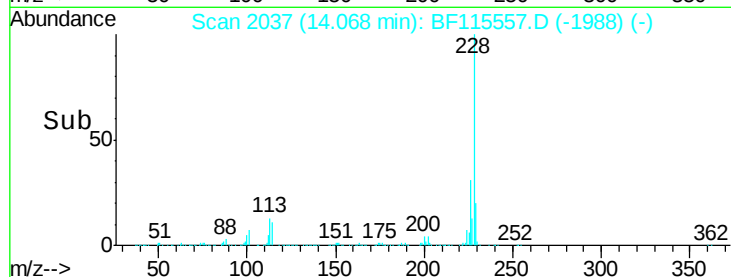
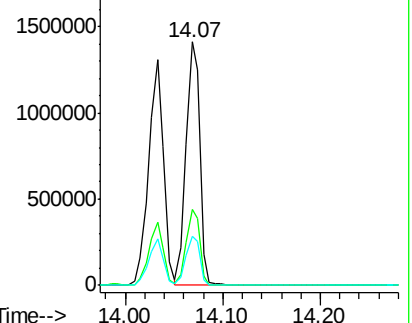
229 20.4 16.6 25.0



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: 40.942 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

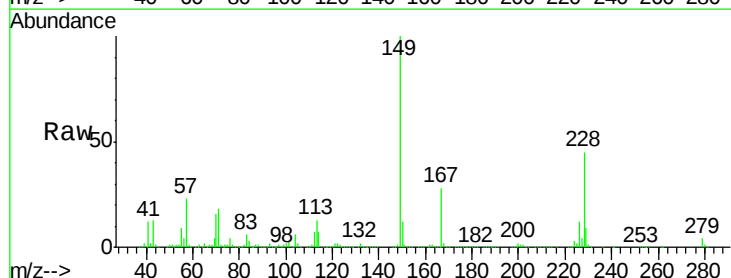
Tgt Ion:149 Resp: 916442

Ion Ratio Lower Upper

149 100

167 28.1 23.0 34.4

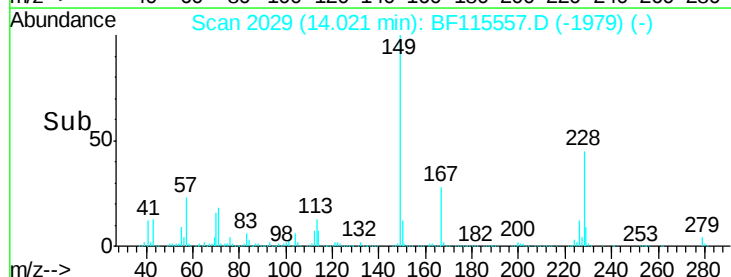
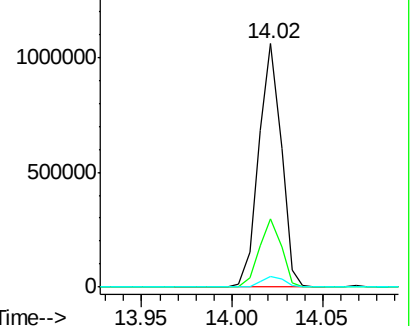
279 4.4 4.2 6.2

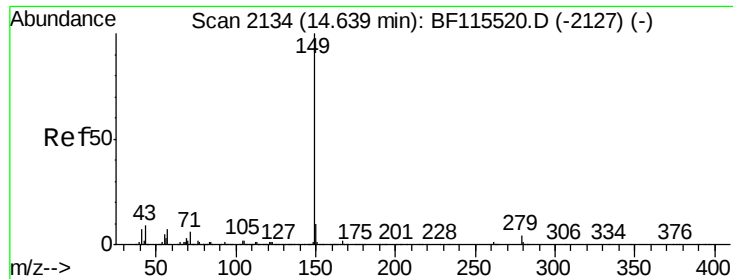


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

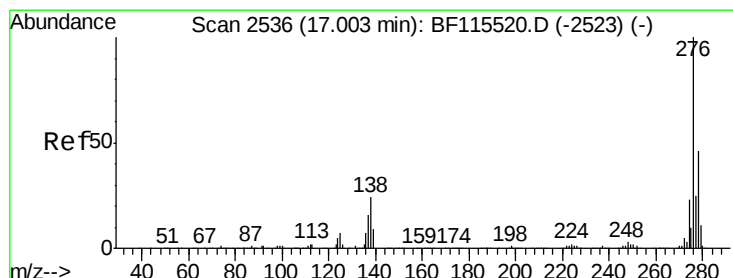
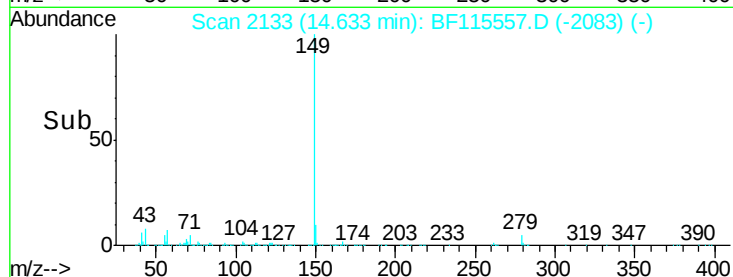
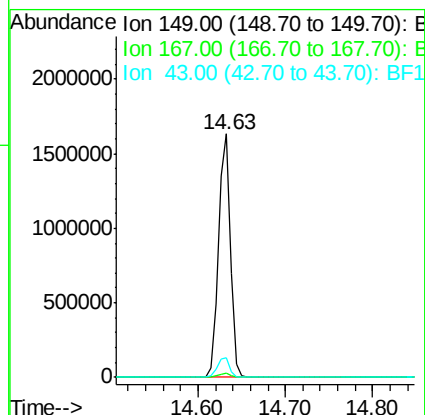
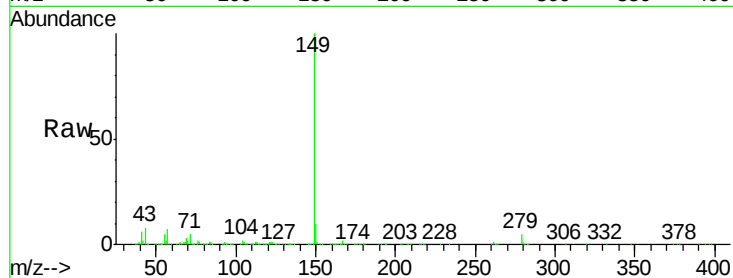




#85
Di-n-octyl phthalate
Concen: 43.308 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

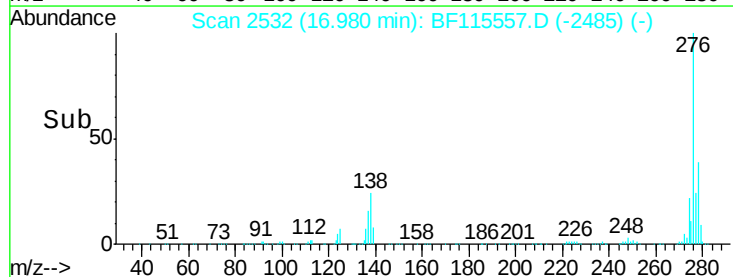
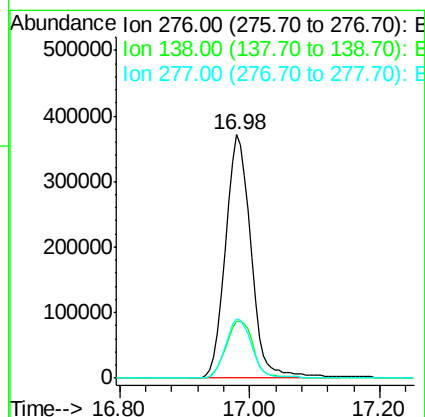
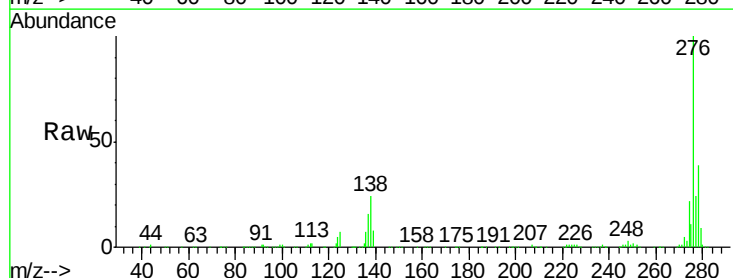
Instrument :
BNA_F
ClientSampleId :

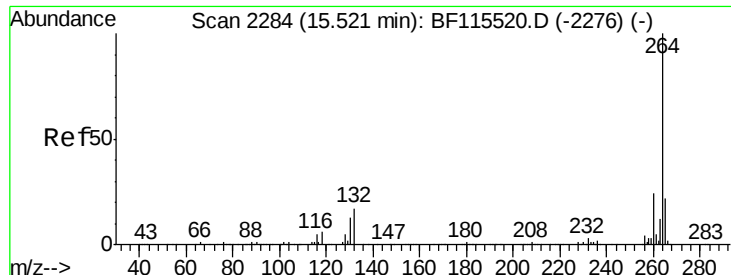
Tot Ion:149 Resp: 1542410
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.5 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.070 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:276 Resp: 1014009
Ion Ratio Lower Upper
276 100
138 25.5 20.2 30.2
277 25.2 20.4 30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

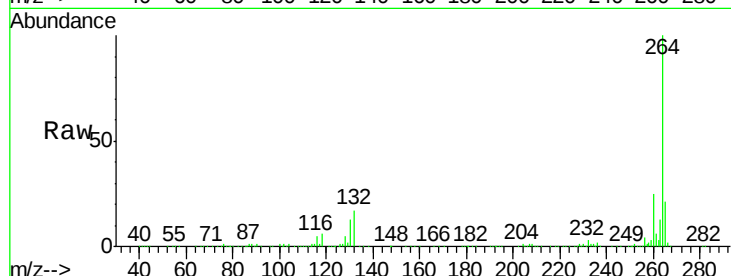
Tot Ion:264 Resp: 473780

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

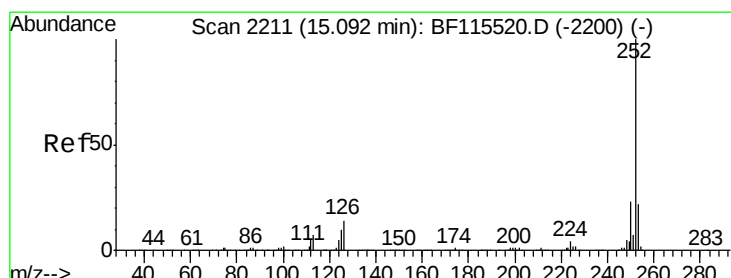
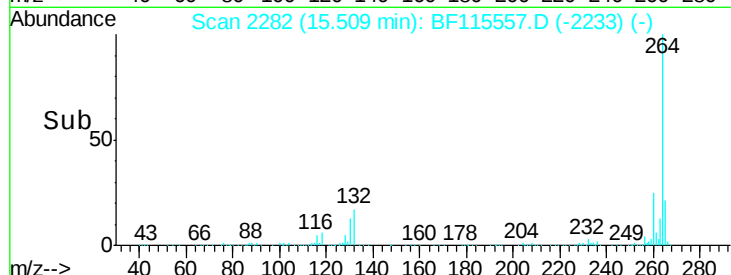
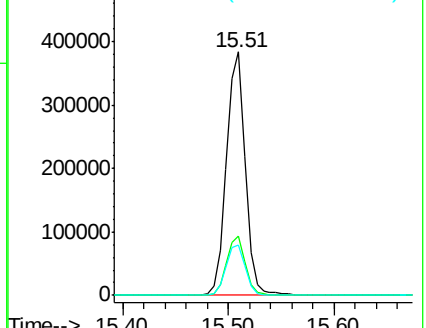
265 20.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.411 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

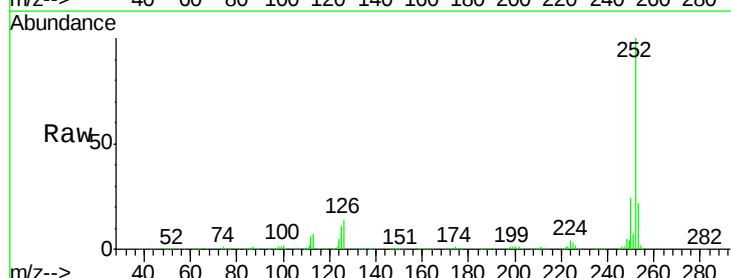
Tgt Ion:252 Resp: 1354871

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

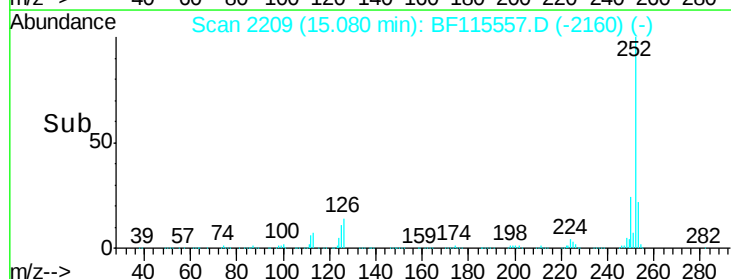
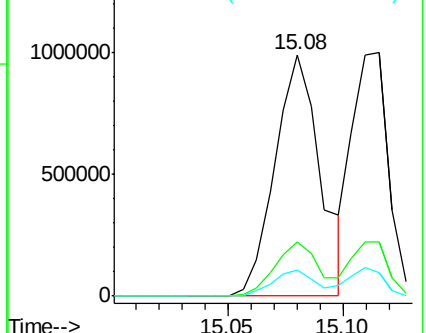
125 10.9 9.0 13.4

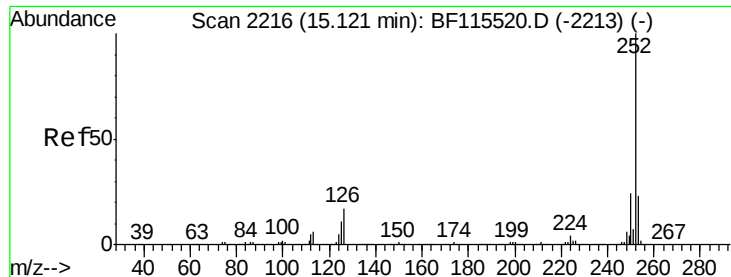


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

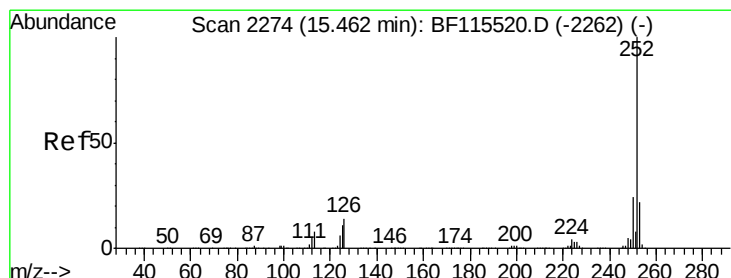
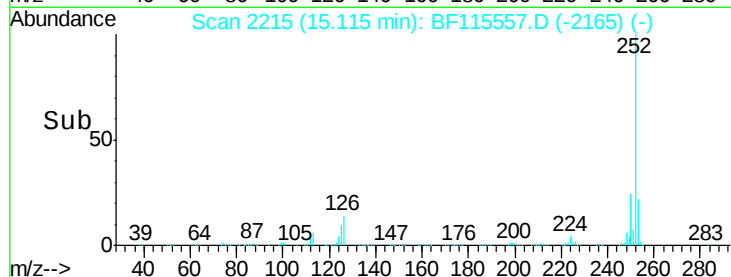
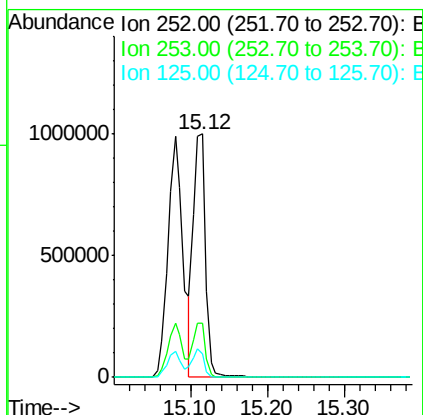
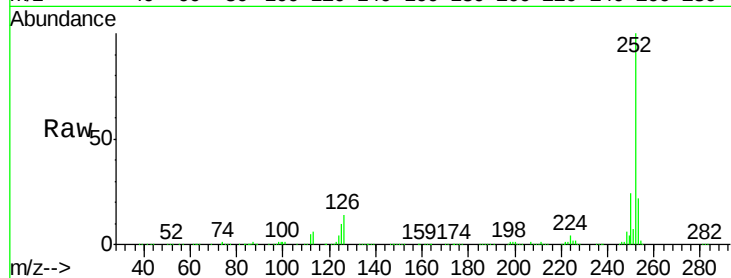




#89
Benzo(k)fluoranthene
Concen: 41.054 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

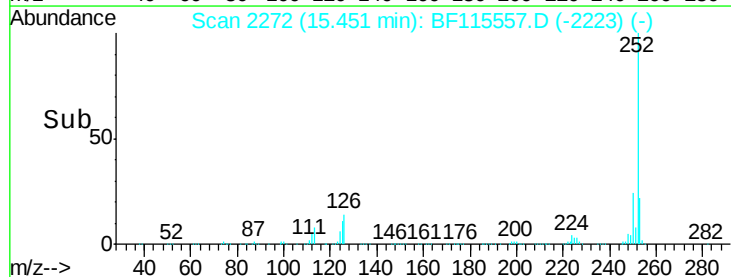
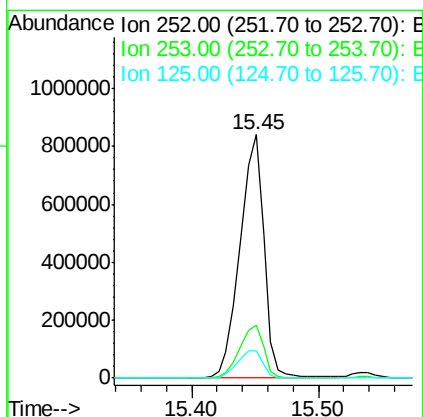
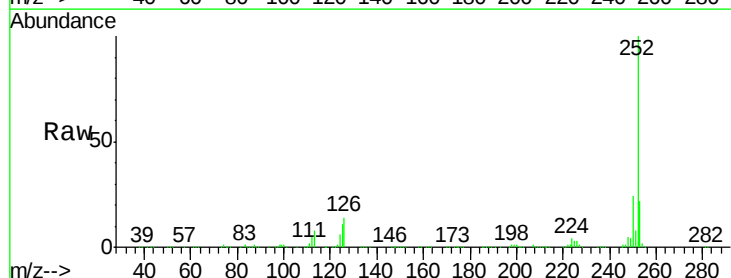
Instrument :
BNA_F
ClientSampled :

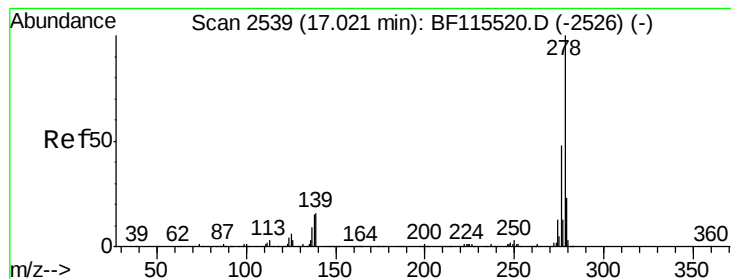
Tot Ion:252 Resp: 1116642
Ion Ratio Lower Upper
252 100
253 22.2 18.6 28.0
125 9.5 9.0 13.6



#90
Benzo(a)pyrene
Concen: 41.973 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115557.D
Acq: 15 Jul 2019 15:32

Tgt Ion:252 Resp: 1100573
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 11.3 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 37.128 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

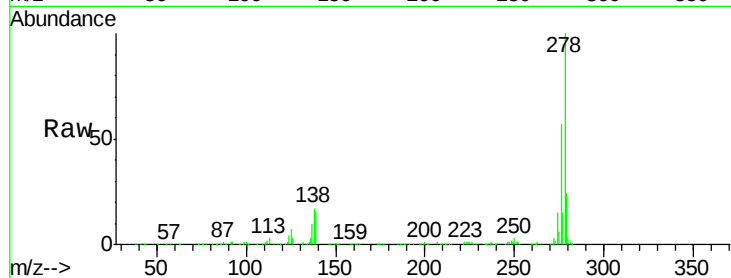
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 854659

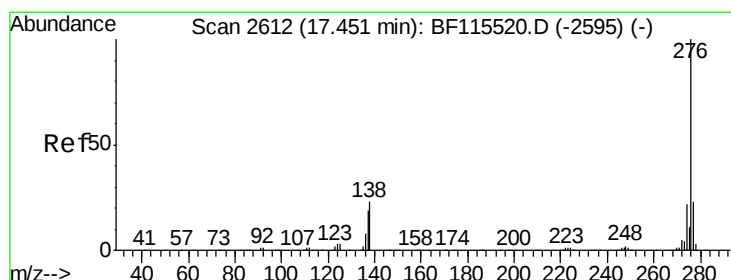
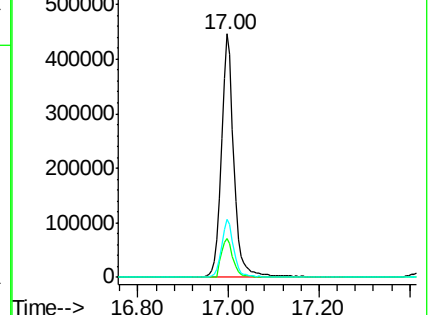
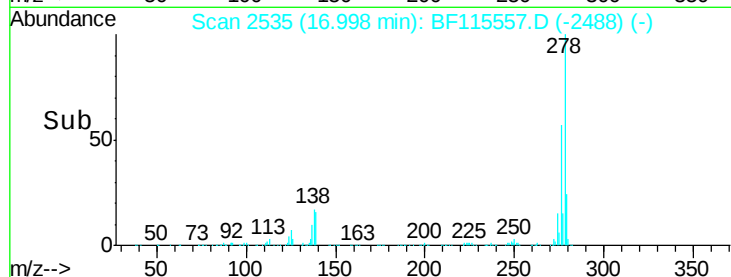
Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	24.1	19.6	29.4



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: 33.535 ng

RT: 17.42 min Scan# 2607

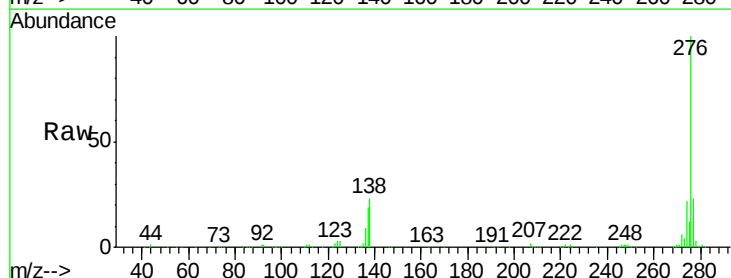
Delta R.T. -0.03 min

Lab File: BF115557.D

Acq: 15 Jul 2019 15:32

Tgt Ion:276 Resp: 769894

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	22.7	17.2	25.8



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

