

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115548.D
 Acq On : 13 Jul 2019 1:13
 Operator : HP/JU
 Sample : K3768-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 03:43:23 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	156633	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	603933	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	273778	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	453682	20.00	ng	0.00
76) Chrysene-d12	14.04	240	318986	20.00	ng	0.00
87) Perylene-d12	15.52	264	371222	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	924780	96.57	ng	0.00
7) Phenol-d6	6.52	99	1204359	99.12	ng	0.00
23) Nitrobenzene-d5	7.45	82	756446	72.83	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	279985	87.61	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1338372	85.56	ng	0.00
79) Terphenyl-d14	12.99	244	1105193	63.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	127120	26.613	ng	99
4) n-Nitrosodimethylamine	3.41	42	139456	29.663	ng	99
6) Aniline	6.55	93	184010	10.882	ng	97
8) 2-Chlorophenol	6.67	128	347948	31.604	ng	100
9) Benzaldehyde	6.43	77	209439	27.583	ng	99
10) Phenol	6.53	94	431943	30.623	ng	79
11) bis(2-Chloroethyl)ether	6.62	93	334321	31.131	ng	99
12) 1,3-Dichlorobenzene	6.83	146	380188	30.714	ng	99
13) 1,4-Dichlorobenzene	6.90	146	386964	31.332	ng	97
14) 1,2-Dichlorobenzene	7.06	146	362670	32.123	ng	97
15) Benzyl Alcohol	7.02	79	312366	32.407	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	434575	30.737	ng	97
17) 2-Methylphenol	7.13	107	294972	31.089	ng	99
18) Hexachloroethane	7.40	117	130806	28.535	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	245322	30.957	ng	97
20) 3+4-Methylphenols	7.28	107	358293	31.792	ng	89
22) Acetophenone	7.29	105	484862	35.537	ng	# 90
24) Nitrobenzene	7.46	77	376821	33.637	ng	98
25) Isophorone	7.70	82	679775	32.708	ng	99
26) 2-Nitrophenol	7.78	139	182522	31.654	ng	95
27) 2,4-Dimethylphenol	7.82	122	301322	34.926	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	422499	33.137	ng	99
29) 2,4-Dichlorophenol	8.02	162	297735	33.182	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	329963	32.533	ng	98
31) Naphthalene	8.19	128	1013699	34.658	ng	97
32) Benzoic acid	7.86	122	14787	2.088	ng	97
33) 4-Chloroaniline	8.23	127	212522	16.404	ng	98
34) Hexachlorobutadiene	8.31	225	187201	32.186	ng	99
35) Caprolactam	8.58	113	42280	15.249	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	299307	32.158	ng	98
37) 2-Methylnaphthalene	8.88	142	664755	34.287	ng	97
38) 1-Methylnaphthalene	8.98	142	621363	33.741	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	303655	36.832	ng	98
41) Hexachlorocyclopentadiene	9.04	237	136433	29.010	ng	100

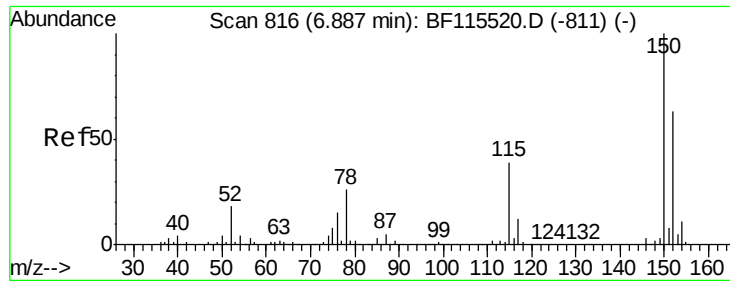
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115548.D
 Acq On : 13 Jul 2019 1:13
 Operator : HP/JU
 Sample : K3768-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 03:43:23 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)
43) 2,4,6-Trichlorophenol	9.16	196	197344	32.732	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	205729	33.320	nq	99
46) 1,1'-Biphenyl	9.35	154	800615	37.405	nq	98
47) 2-Chloronaphthalene	9.37	162	612730	34.381	nq	97
48) 2-Nitroaniline	9.46	65	177765	32.227	nq	98
49) Acenaphthylene	9.79	152	927022	35.104	nq	97
50) Dimethylphthalate	9.64	163	1022781	49.654	nq	99
51) 2,6-Dinitrotoluene	9.70	165	158753	33.914	nq	98
52) Acenaphthene	9.96	154	552734	32.420	nq	99
53) 3-Nitroaniline	9.86	138	142298	26.601	nq	98
54) 2,4-Dinitrophenol	9.97	184	18604	7.741	nq	# 15
55) Dibenzofuran	10.13	168	816694	33.731	nq	98
56) 4-Nitrophenol	10.02	139	218624	53.596	nq	98
57) 2,4-Dinitrotoluene	10.10	165	194931	32.143	nq	# 84
58) Fluorene	10.47	166	593127	34.268	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	151015	29.258	nq	99
60) Diethylphthalate	10.34	149	677320	35.095	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	313201	32.630	nq	98
62) 4-Nitroaniline	10.47	138	147804	28.805	nq	99
63) Azobenzene	10.62	77	628862	33.593	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	29137	10.512	nq	94
66) n-Nitrosodiphenylamine	10.57	169	528400	37.442	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	183336	35.362	nq	99
68) Hexachlorobenzene	11.02	284	193717	32.719	nq	95
69) Atrazine	11.10	200	169057	36.516	nq	99
70) Pentachlorophenol	11.21	266	189806	52.415	nq	99
71) Phenanthrene	11.43	178	807746	34.734	nq	96
72) Anthracene	11.48	178	820848	34.154	nq	99
73) Carbazole	11.63	167	706466	33.521	nq	98
74) Di-n-butylphthalate	11.97	149	940740	36.238	nq	100
75) Fluoranthene	12.62	202	753902	30.678	nq	98
78) Pyrene	12.84	202	756912	28.007	nq	96
80) Butylbenzylphthalate	13.46	149	329285	28.581	nq	99
81) Benzo(a)anthracene	14.03	228	683480	32.524	nq	97
82) 3,3'-Dichlorobenzidine	13.99	252	222710	29.811	nq	98
83) Chrysene	14.07	228	703572	33.351	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	460962	32.301	nq	99
85) Di-n-octyl phthalate	14.64	149	827430	36.441	nq	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	614888	34.308	nq	99
88) Benzo(b)fluoranthene	15.09	252	733366	30.680	nq	98
89) Benzo(k)fluoranthene	15.12	252	717979	33.690	nq	97
90) Benzo(a)pyrene	15.45	252	684557	33.320	nq	98
91) Dibenzo(a,h)anthracene	17.01	278	527034	29.220	nq	100
92) Benzo(g,h,i)perylene	17.44	276	470971	26.182	nq	98

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

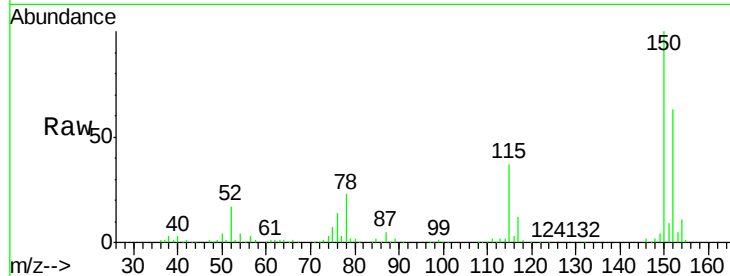


#1

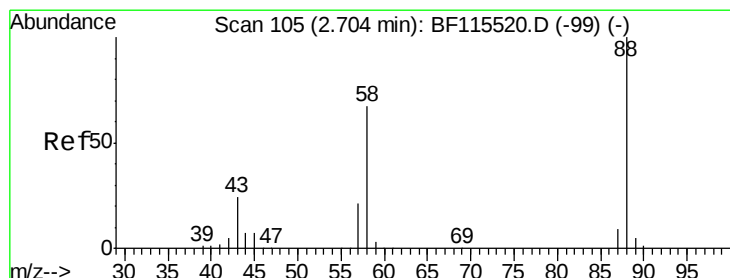
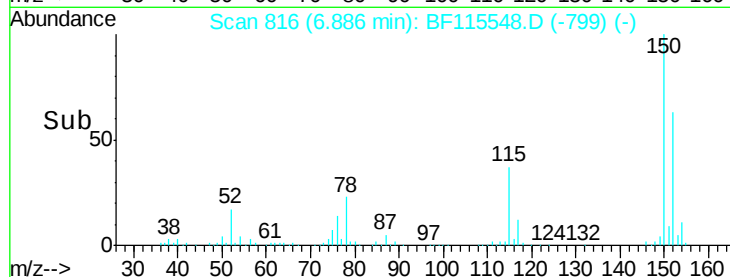
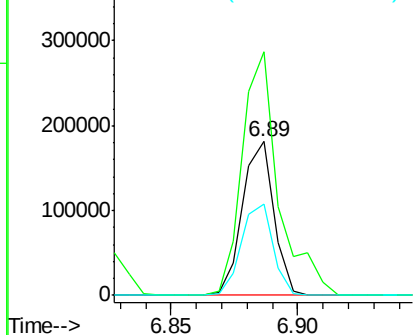
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156633
Ion Ratio Lower Upper
152 100
150 158.5 129.7 194.5
115 59.0 48.2 72.4



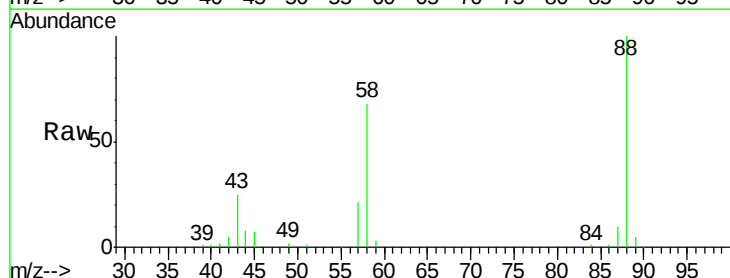
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



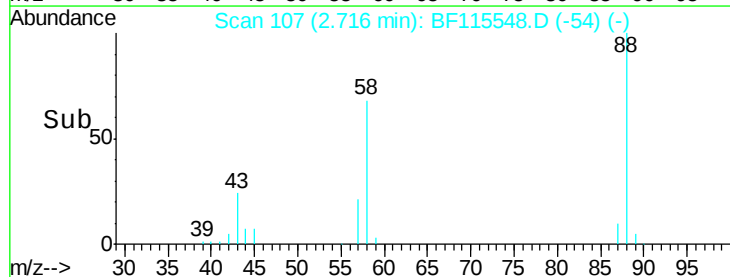
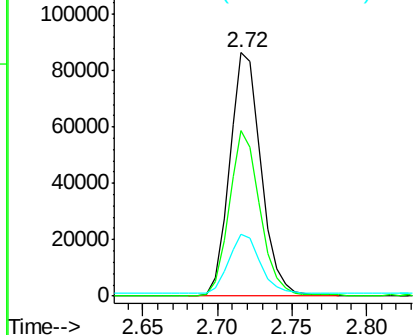
#2

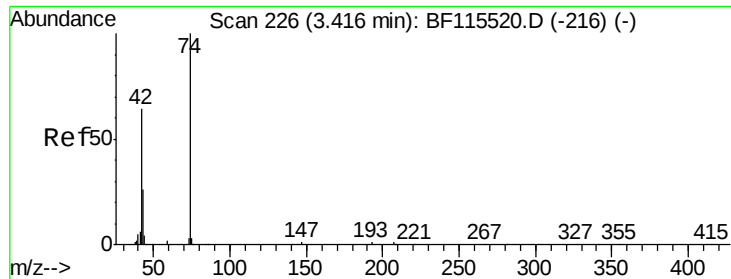
1,4-Dioxane
Concen: 26.613 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion: 88 Resp: 127120
Ion Ratio Lower Upper
88 100
58 67.1 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



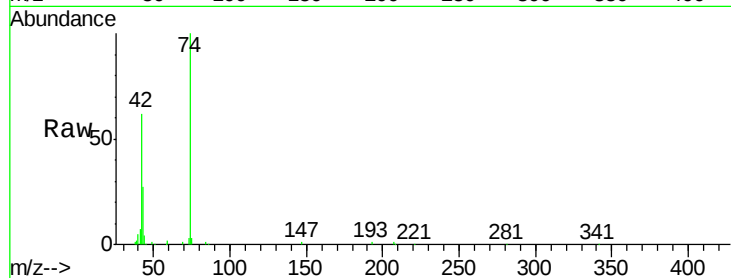


#4

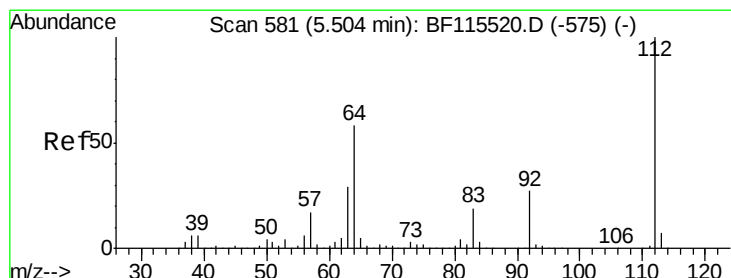
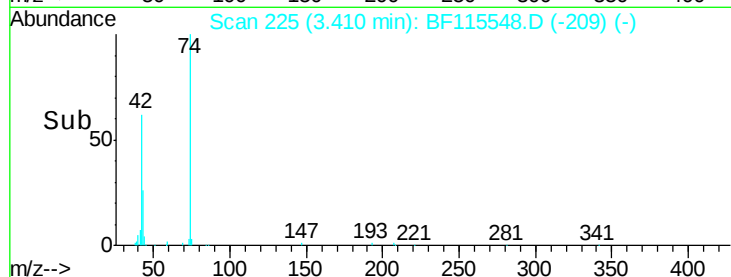
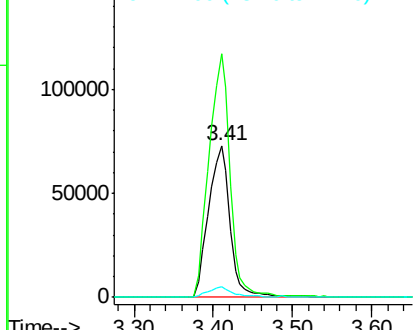
n-Nitrosodimethylamine
 Concen: 29.663 ng
 RT: 3.41 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	160.3	127.5	191.3
44	6.7	5.0	7.6



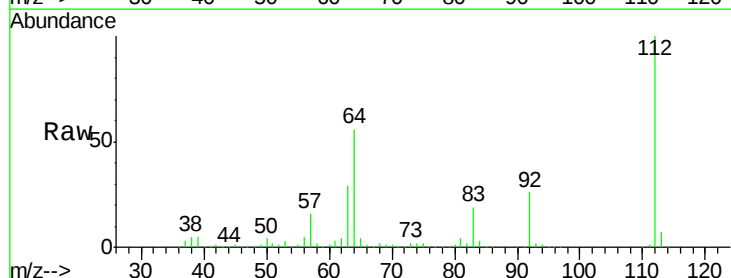
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



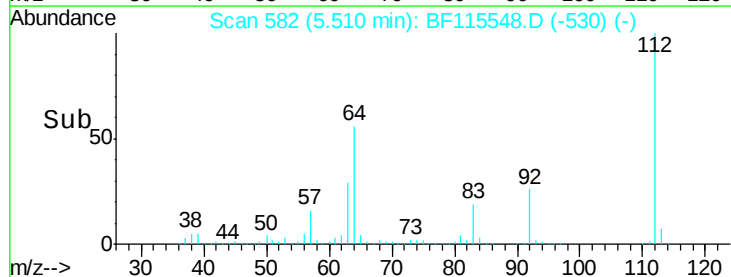
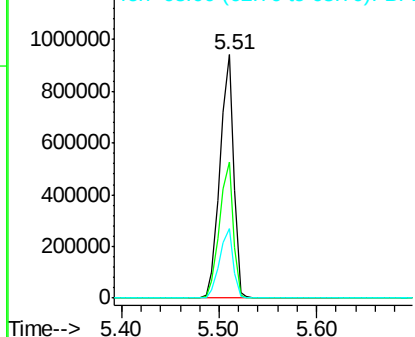
#5

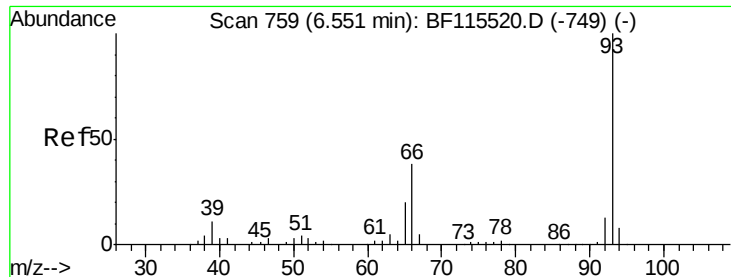
2-Fluorophenol
 Concen: 96.574 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.8	70.2
63	28.8	24.1	36.1



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





#6

Aniline

Concen: 10.882 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

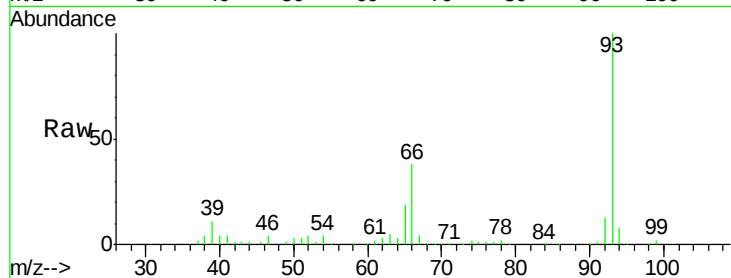
Tot Ion: 93 Resp: 184010

Ion Ratio Lower Upper

93 100

66 38.2 31.7 47.5

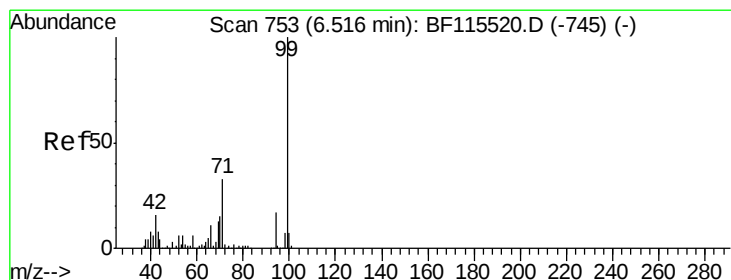
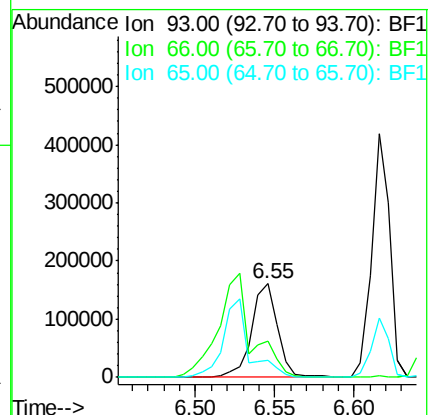
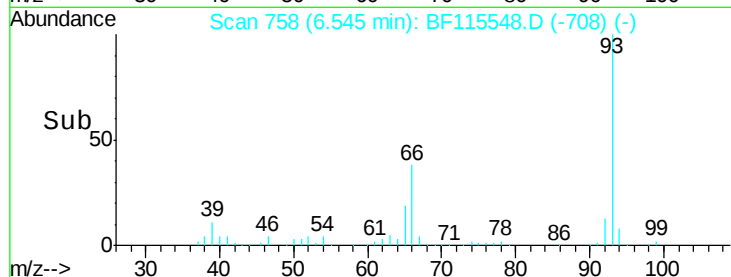
65 18.6 16.2 24.2



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: 99.119 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

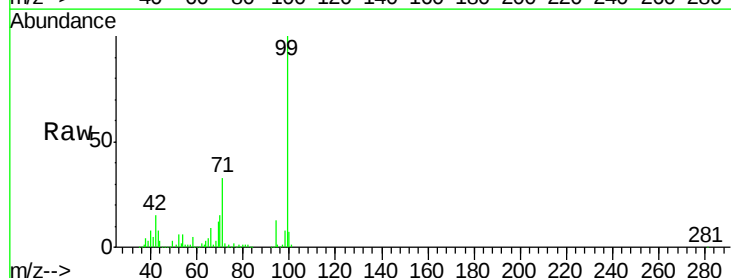
Tgt Ion: 99 Resp: 1204359

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

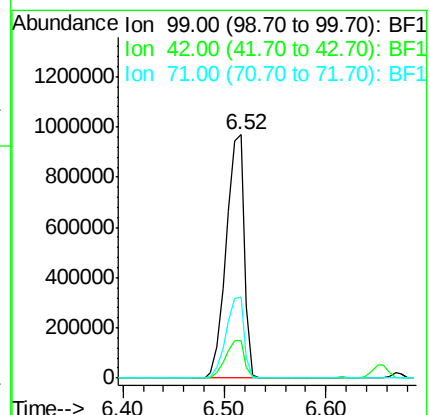
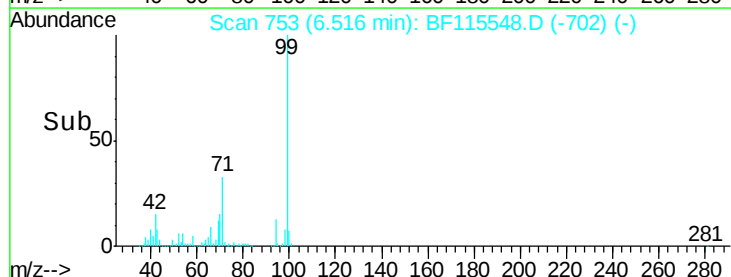
71 33.1 28.5 42.7

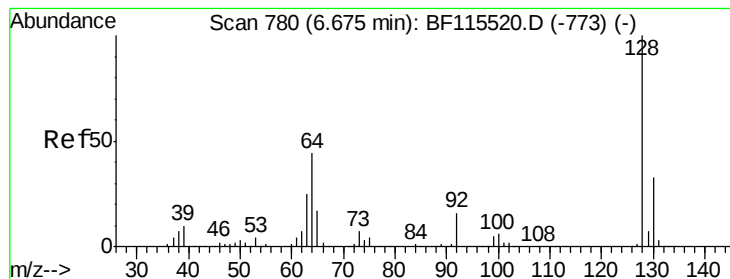


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 31.604 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

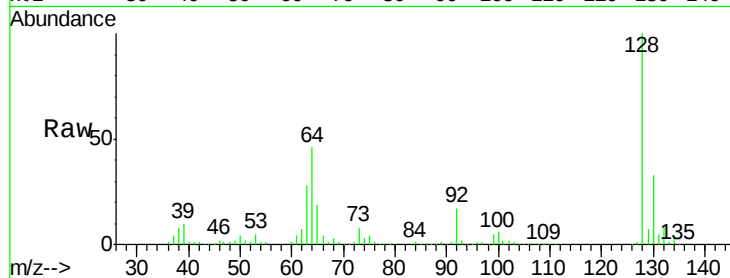
Tot Ion:128 Resp: 347948

Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

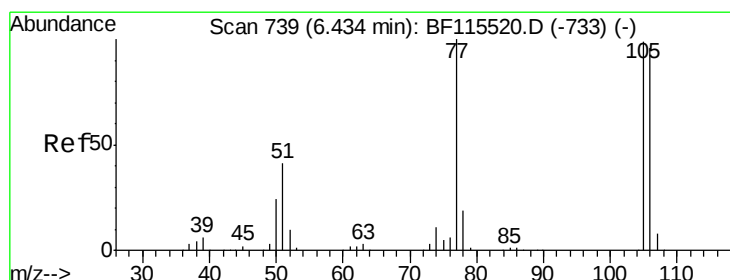
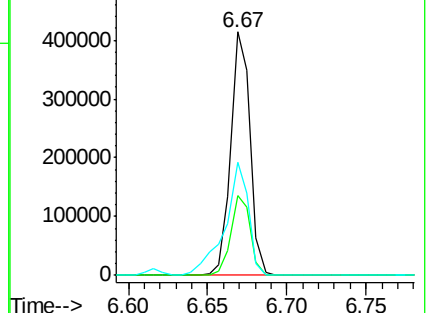
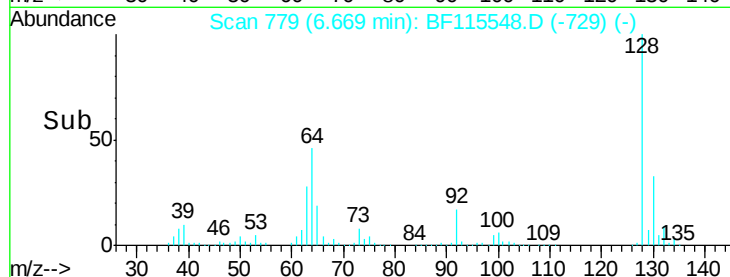
64 46.4 26.8 66.8



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: 27.583 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

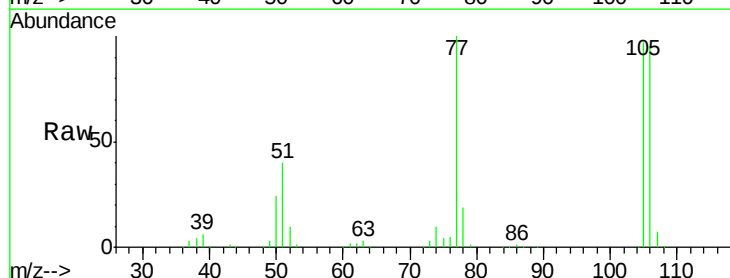
Tgt Ion: 77 Resp: 209439

Ion Ratio Lower Upper

77 100

105 97.4 78.8 118.8

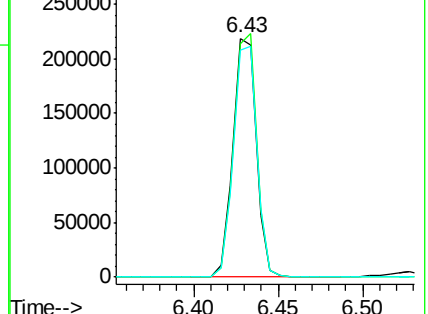
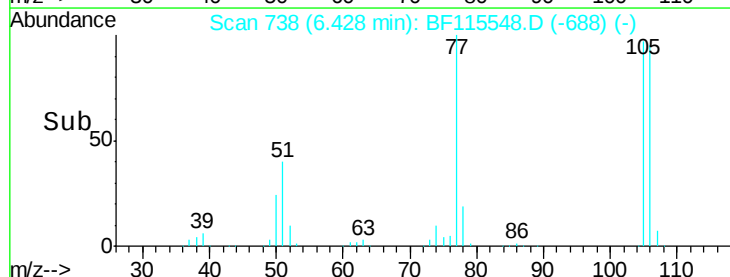
106 94.8 75.6 115.6

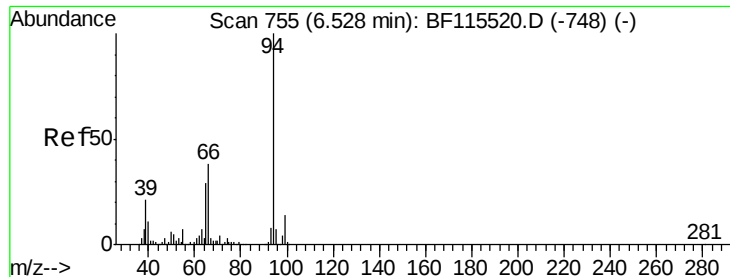


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 30.623 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

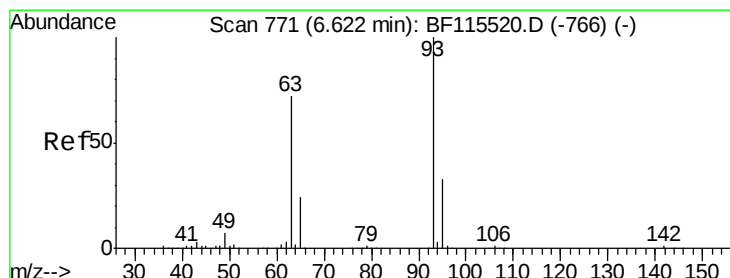
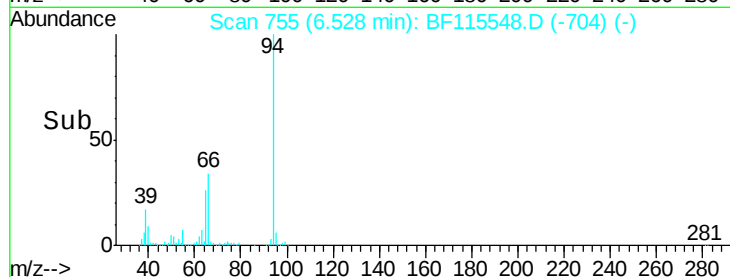
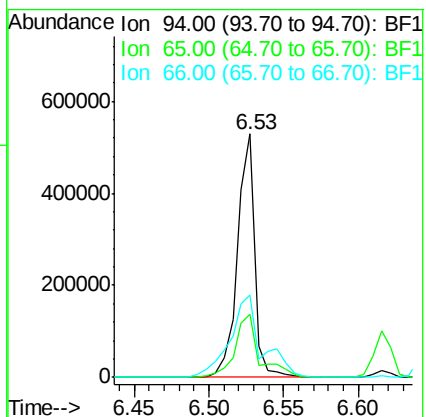
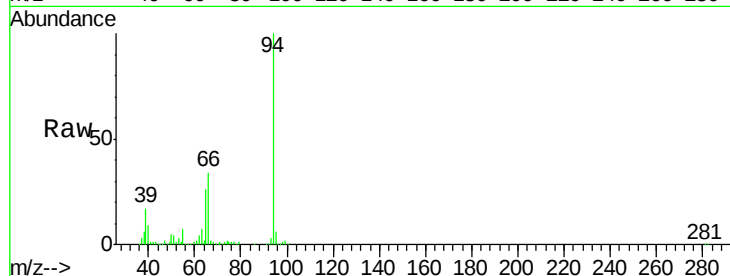
Tot Ion: 94 Resp: 431943

Ion Ratio Lower Upper

94 100

65 25.7 14.5 54.5

66 33.7 31.3 71.3



#11

bis(2-Chloroethyl)ether

Concen: 31.131 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

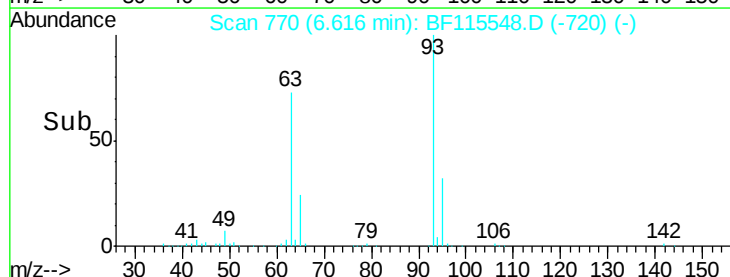
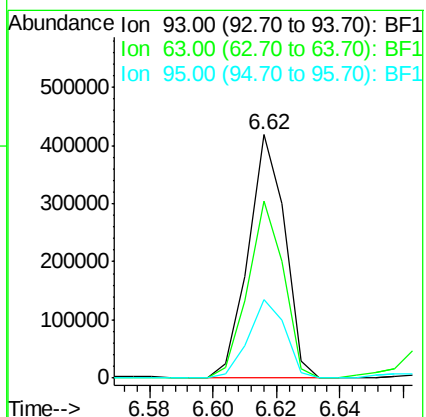
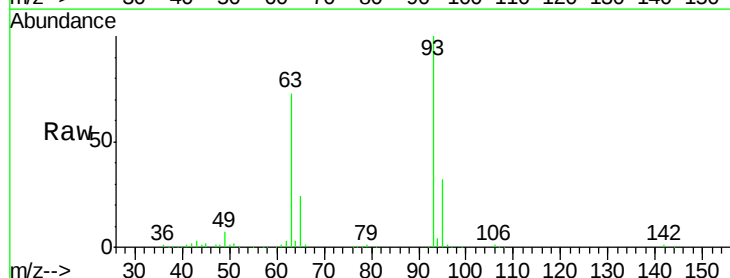
Tgt Ion: 93 Resp: 334321

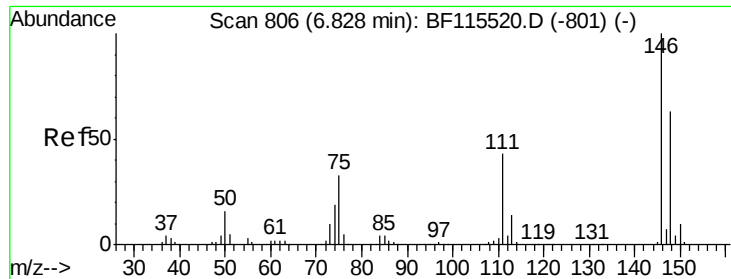
Ion Ratio Lower Upper

93 100

63 73.0 52.2 92.2

95 32.2 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 30.714 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

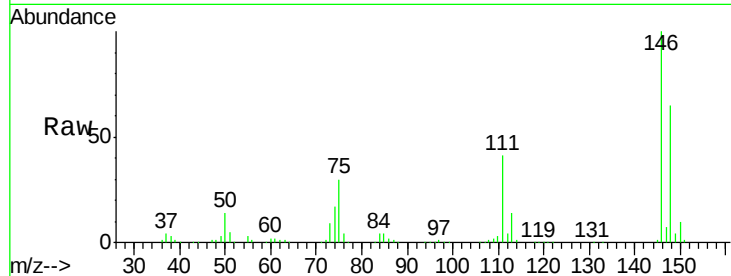
Tot Ion:146 Resp: 380188

Ion Ratio Lower Upper

146 100

148 64.5 52.1 78.1

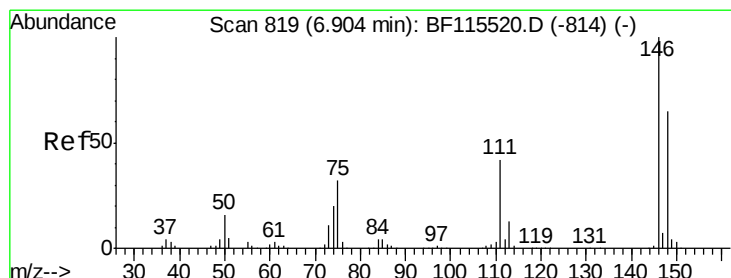
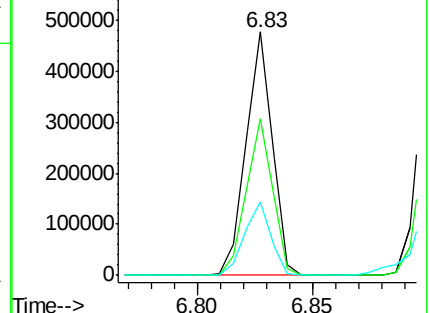
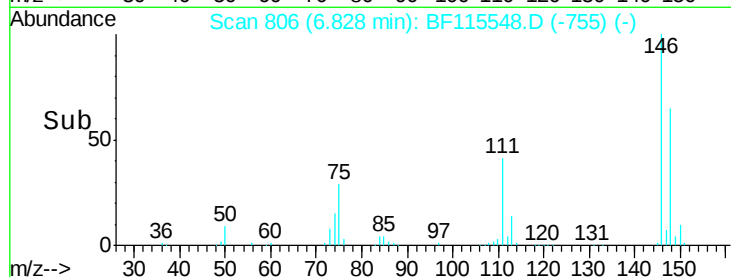
75 30.1 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 31.332 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

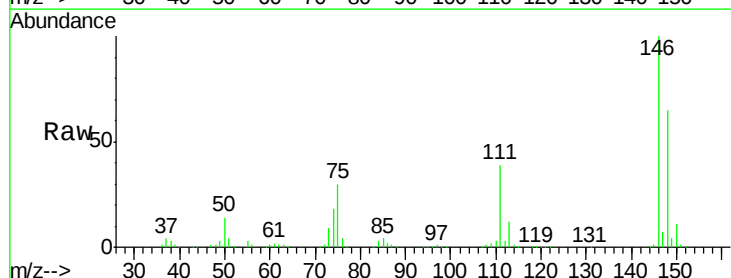
Tgt Ion:146 Resp: 386964

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

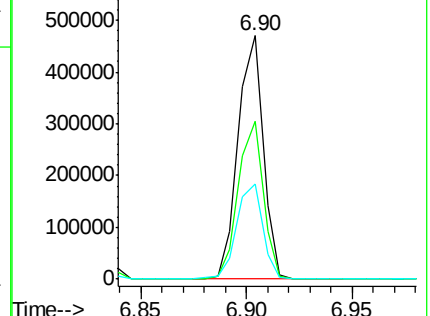
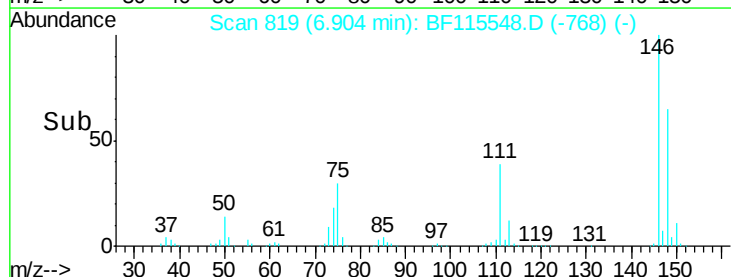
111 38.9 35.5 53.3

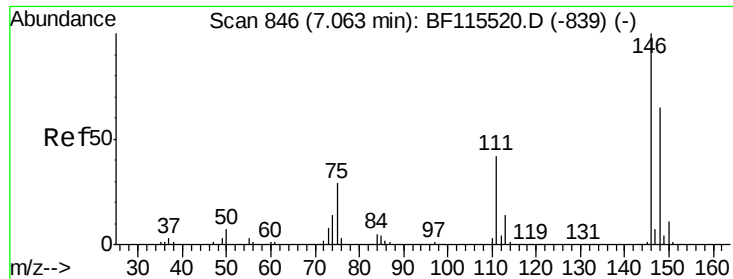


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

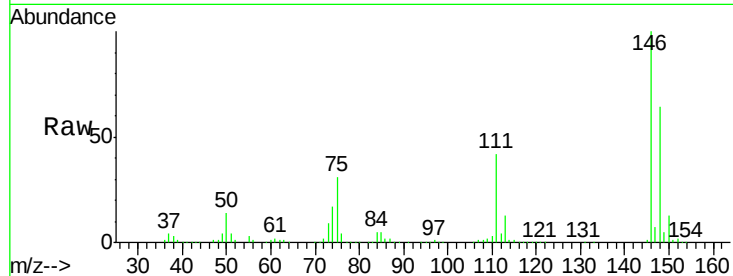




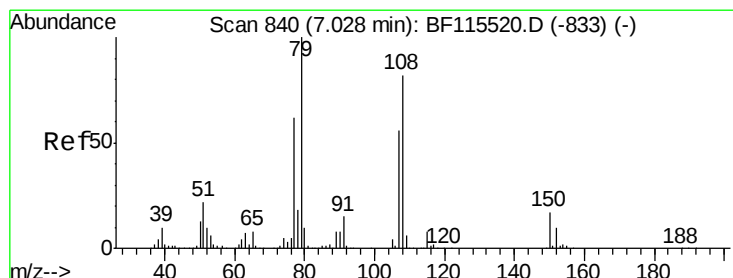
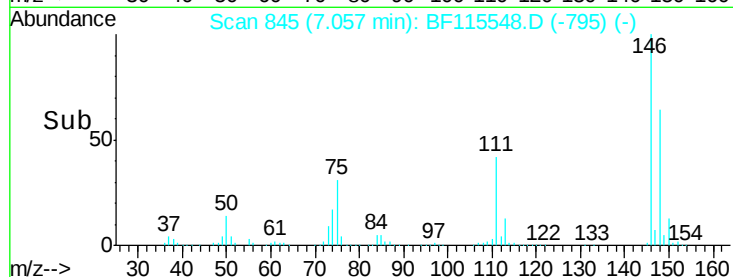
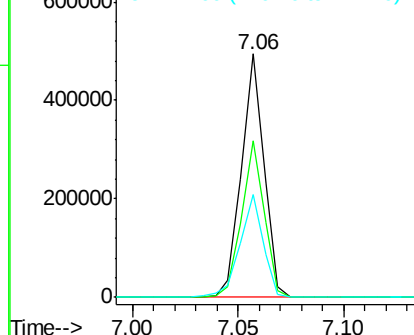
#14
1,2-Dichlorobenzene
Concen: 32.123 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 362670
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
111 42.5 37.6 56.4

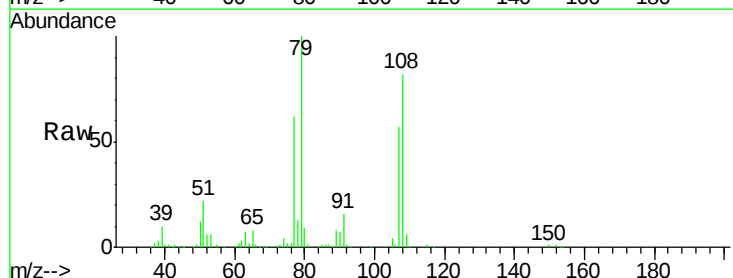


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

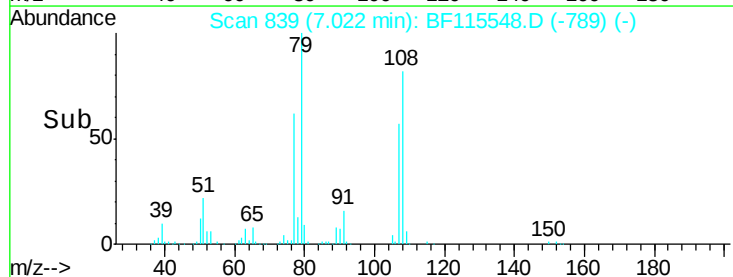
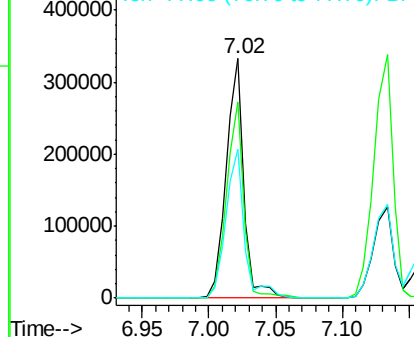


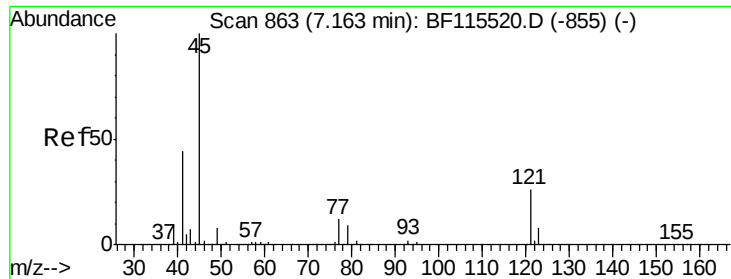
#15
Benzyl Alcohol
Concen: 32.407 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion: 79 Resp: 312366
Ion Ratio Lower Upper
79 100
108 81.9 64.2 96.4
77 62.4 51.8 77.8



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

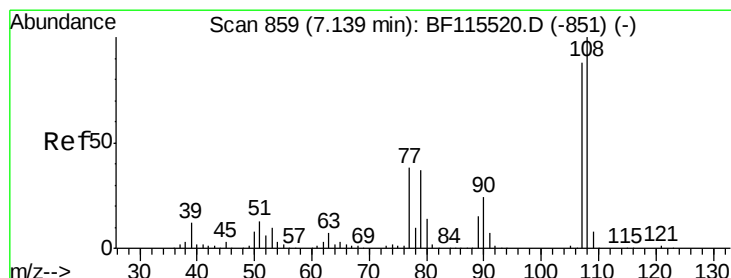
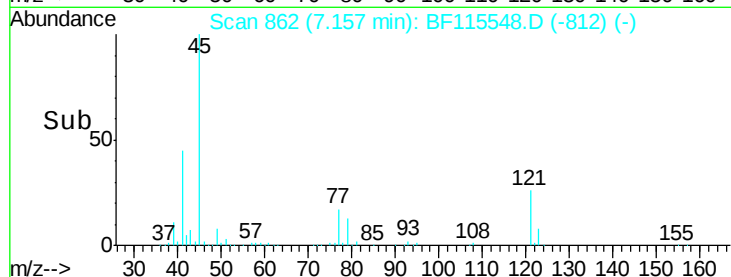
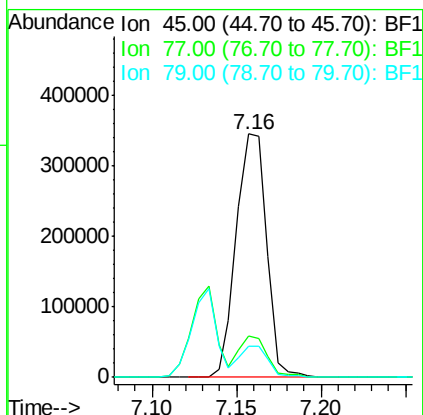
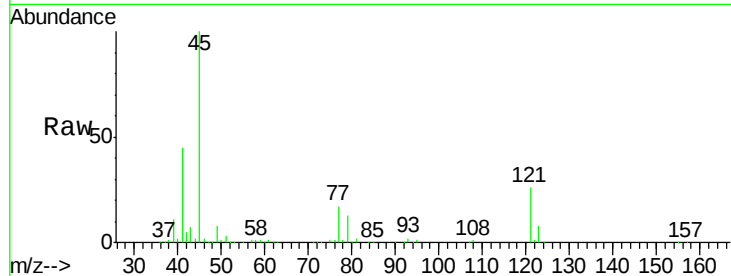




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 30.737 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

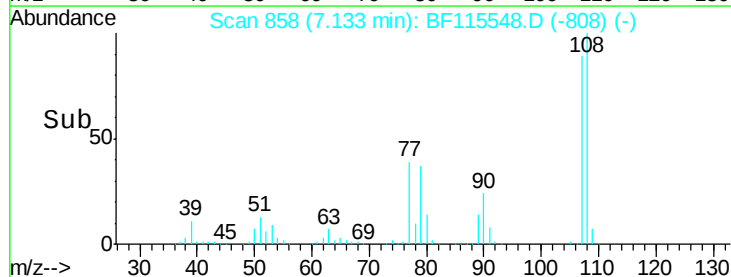
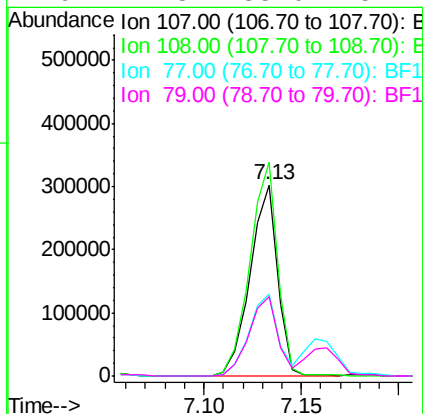
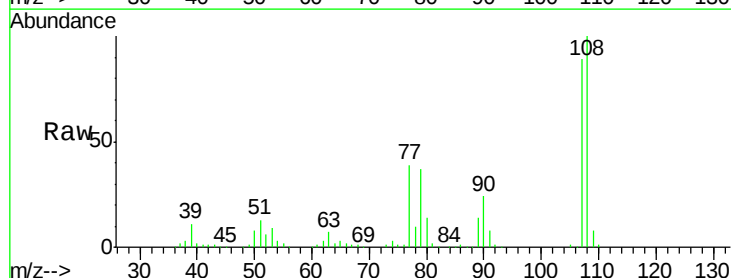
Instrument :
BNA_F
ClientSampleId :

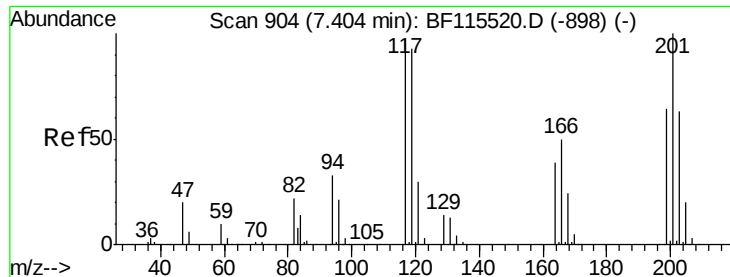
Tot Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	38.1
79	12.6	0.0	34.1



#17
2-Methylphenol
Concen: 31.089 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.4	134.2
77	43.2	35.7	53.5
79	41.8	35.0	52.4

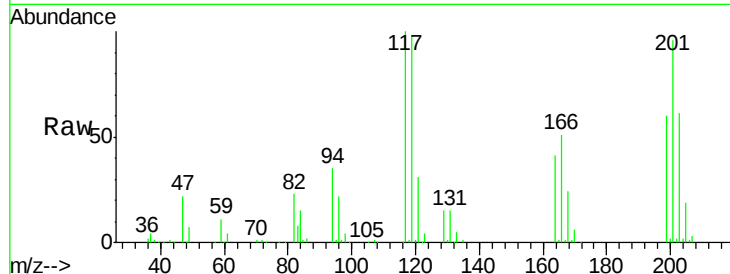




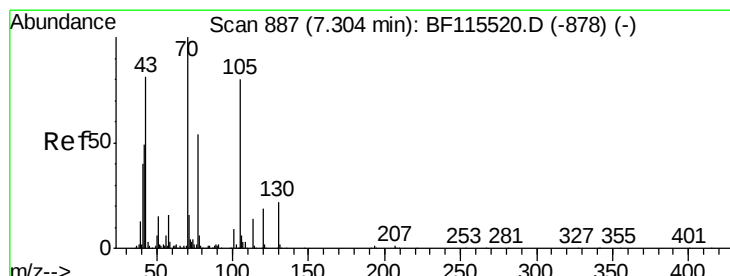
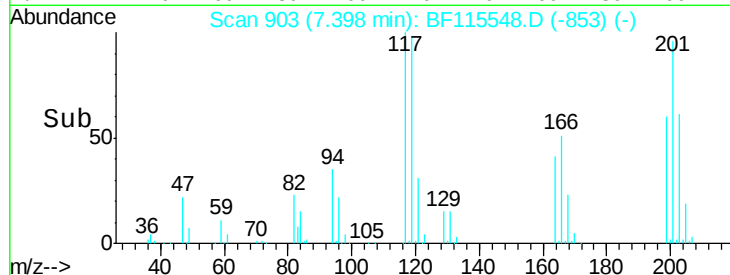
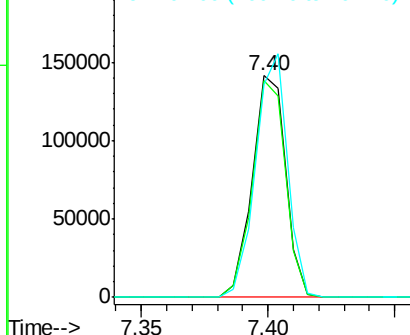
#18
Hexachloroethane
Concen: 28.535 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 130806
Ion Ratio Lower Upper
117 100
119 97.6 77.7 116.5
201 95.9 86.0 129.0

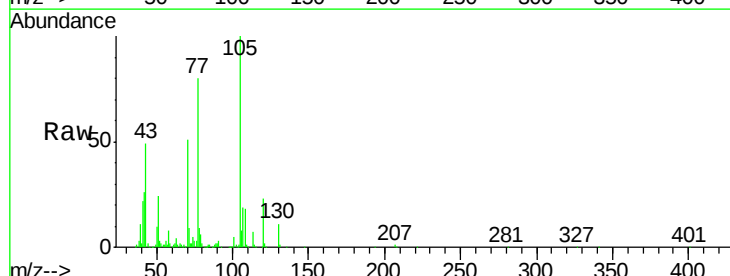


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

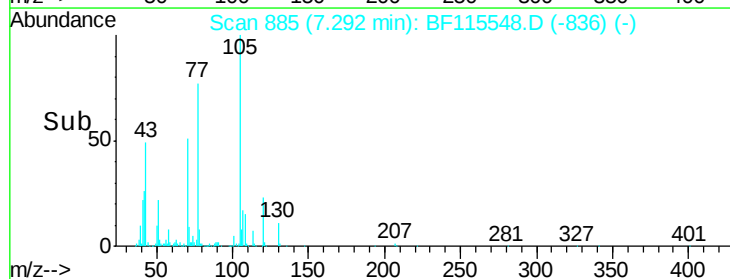
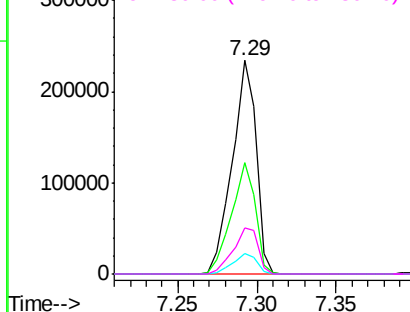


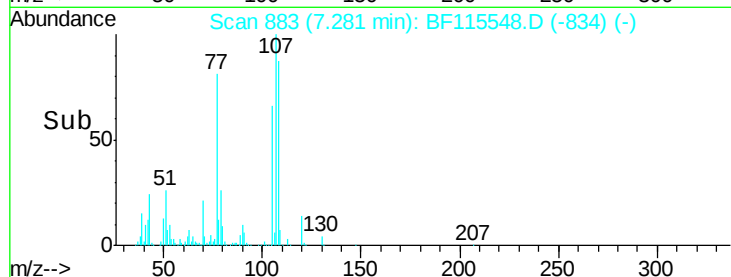
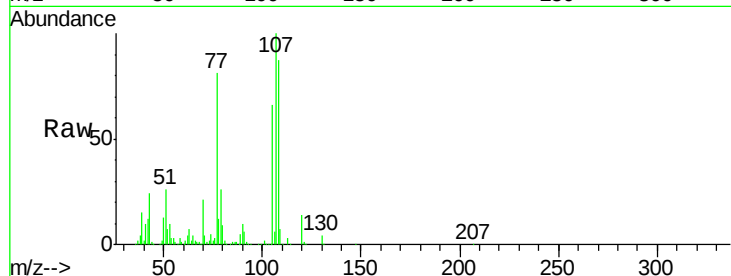
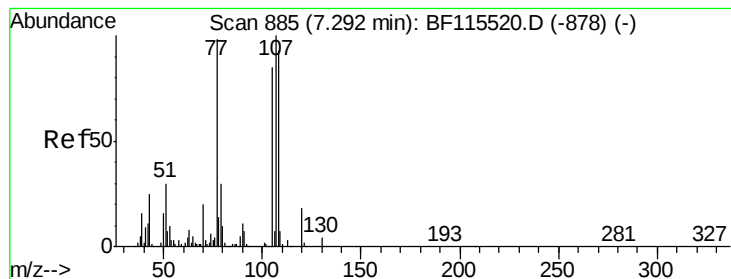
#19
n-Nitroso-di-n-propylamine
Concen: 30.957 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion: 70 Resp: 245322
Ion Ratio Lower Upper
70 100
42 51.9 39.6 59.4
101 9.5 8.1 12.1
130 21.4 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: 31.792 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 358293

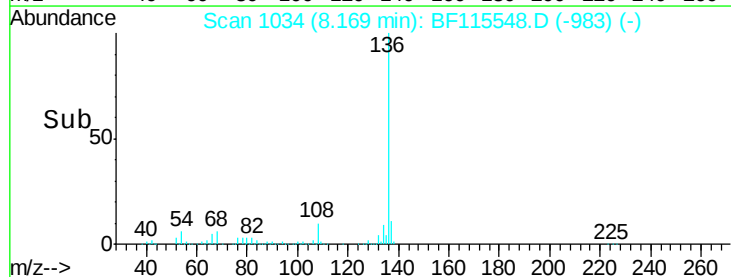
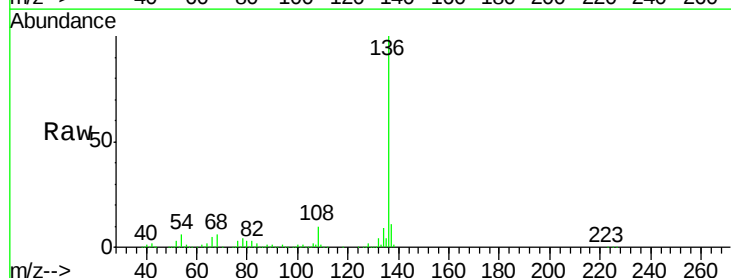
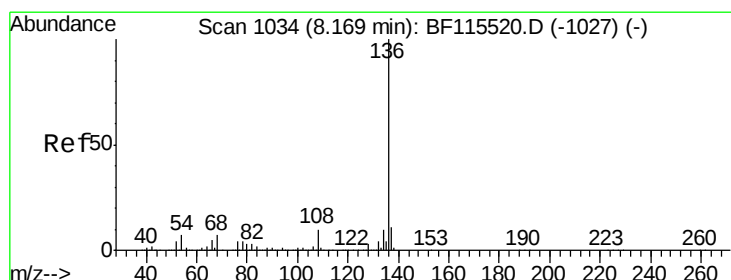
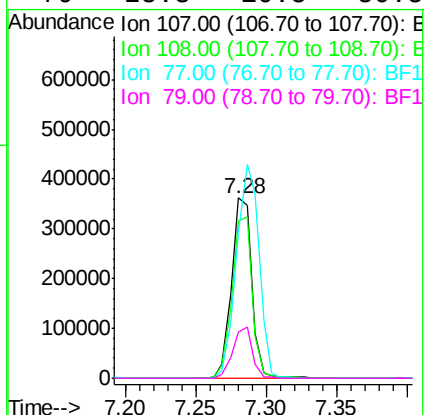
Ion Ratio Lower Upper

107 100

108 87.5 72.9 112.9

77 81.1 77.6 117.6

79 25.8 10.5 50.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Tgt Ion:136 Resp: 603933

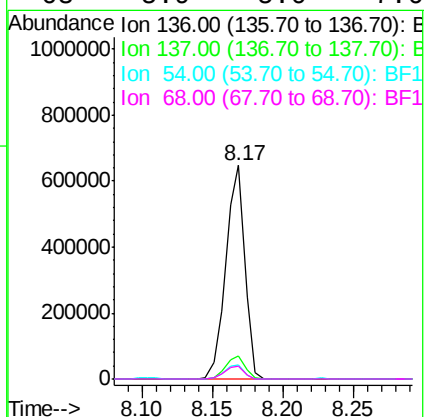
Ion Ratio Lower Upper

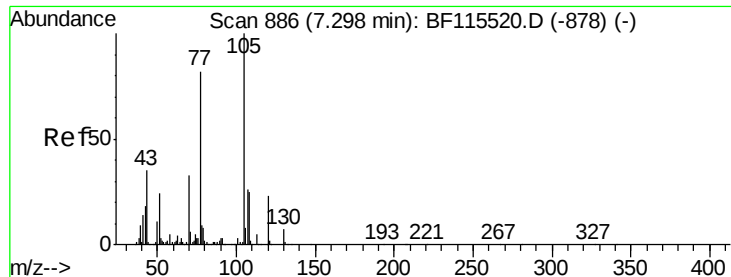
136 100

137 11.0 9.0 13.4

54 6.4 5.6 8.4

68 5.9 5.0 7.6





#22

Acetophenone

Concen: 35.537 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 105 Resp: 484862

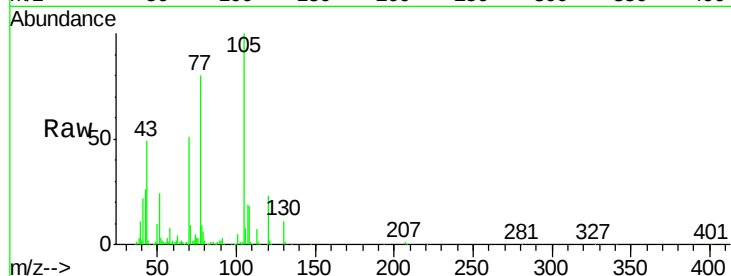
Ion Ratio Lower Upper

105 100

71 8.7 3.5 5.3#

51 23.5 25.6 38.4#

120 22.9 17.9 26.9

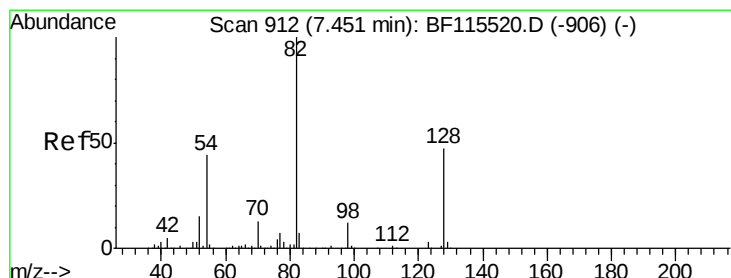
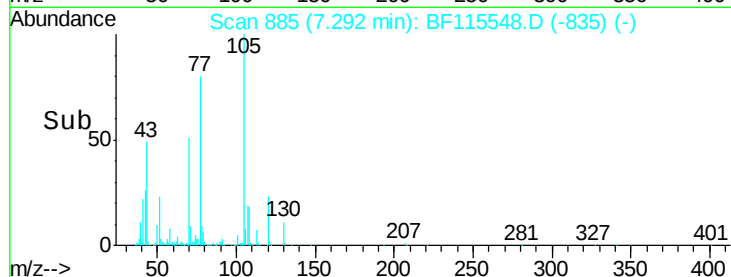
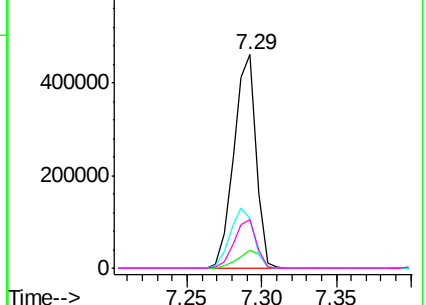


Abundance Ion 105.00 (104.70 to 105.70): E

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: 72.831 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

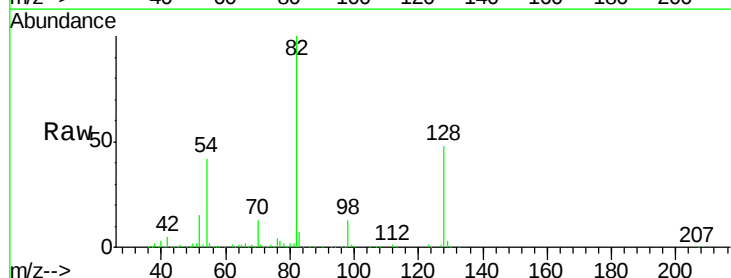
Tgt Ion: 82 Resp: 756446

Ion Ratio Lower Upper

82 100

128 48.4 38.6 57.8

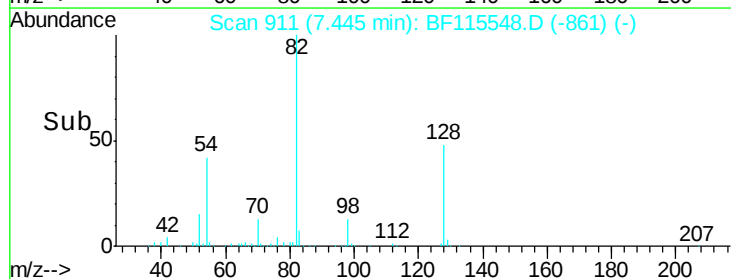
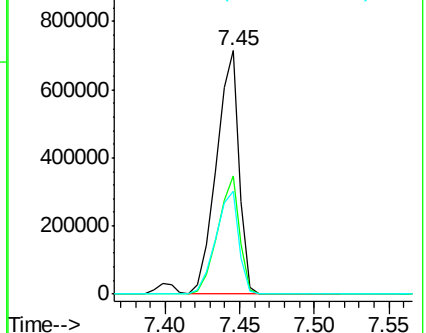
54 42.5 35.6 53.4

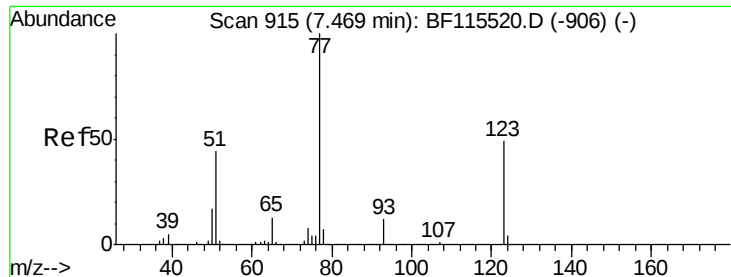


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 33.637 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

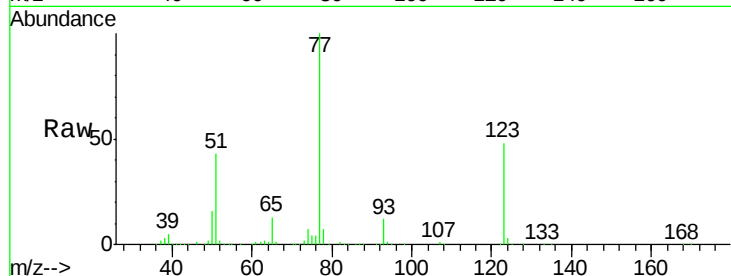
Tot Ion: 77 Resp: 376821

Ion Ratio Lower Upper

77 100

123 48.3 40.0 60.0

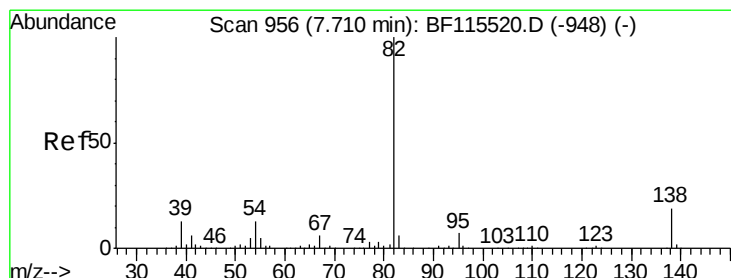
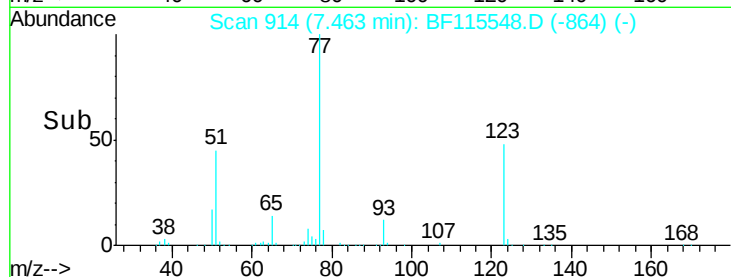
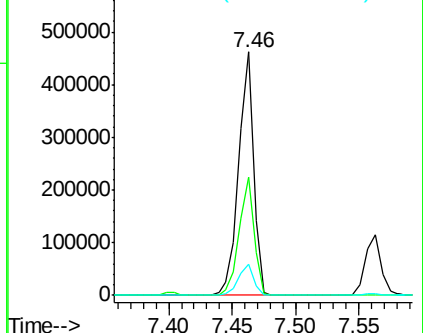
65 12.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 32.708 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

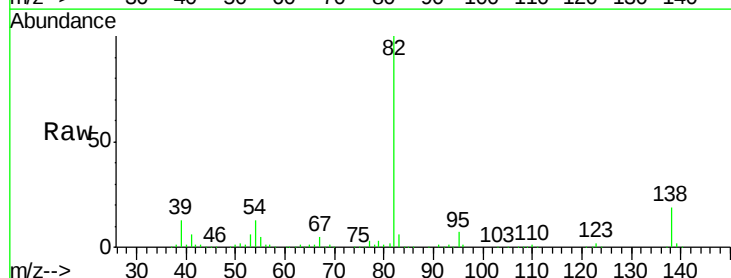
Tgt Ion: 82 Resp: 679775

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

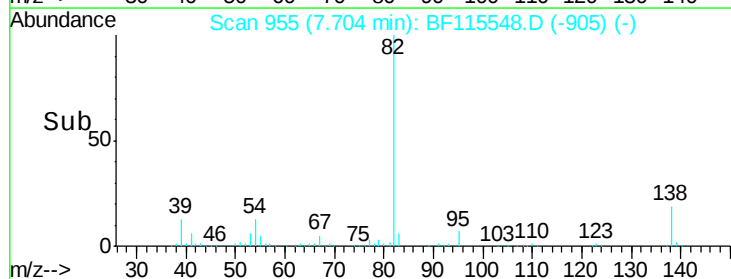
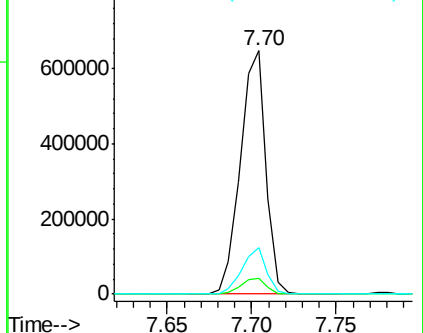
138 19.3 14.9 22.3

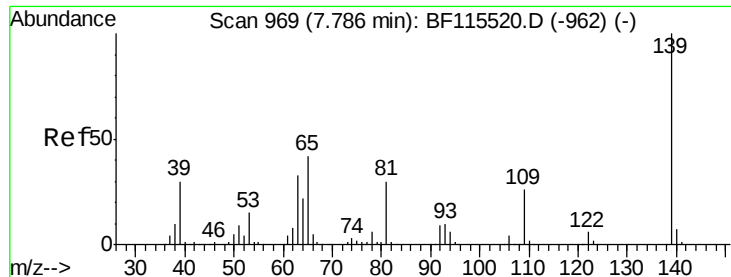


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#26

2-Nitrophenol

Concen: 31.654 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampled :

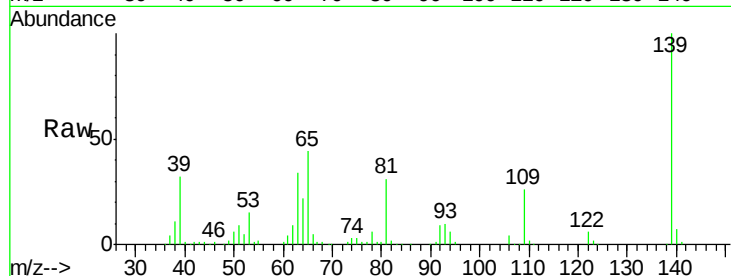
Tot Ion:139 Resp: 182522

Ion Ratio Lower Upper

139 100

109 26.4 23.3 34.9

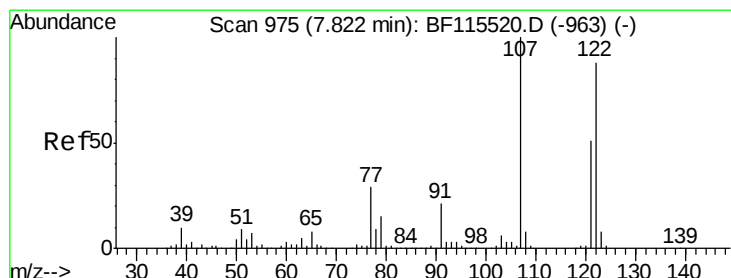
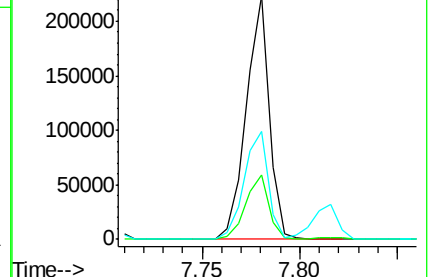
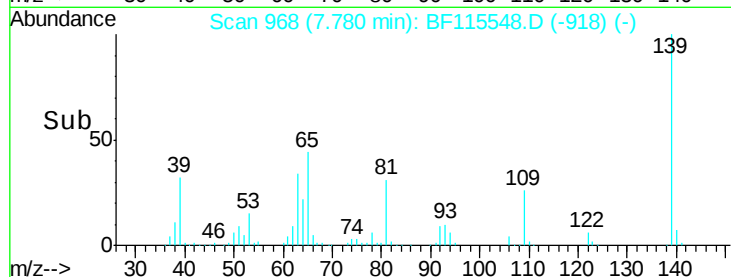
65 44.3 37.9 56.9



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: 34.926 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

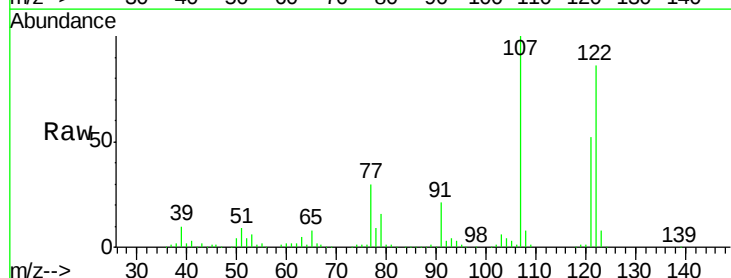
Tgt Ion:122 Resp: 301322

Ion Ratio Lower Upper

122 100

107 115.7 92.9 139.3

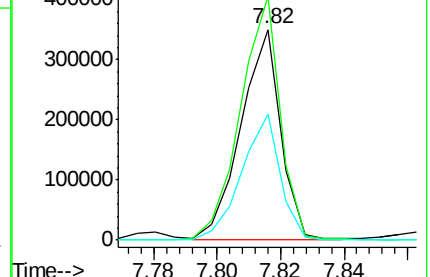
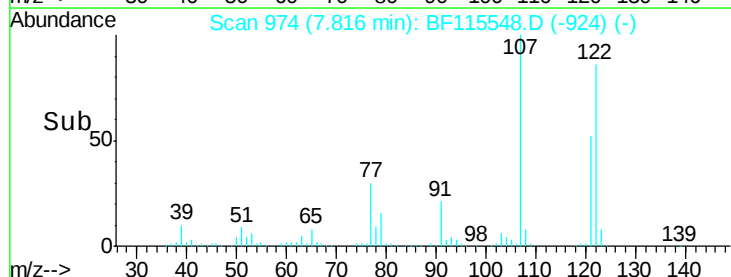
121 59.6 46.9 70.3

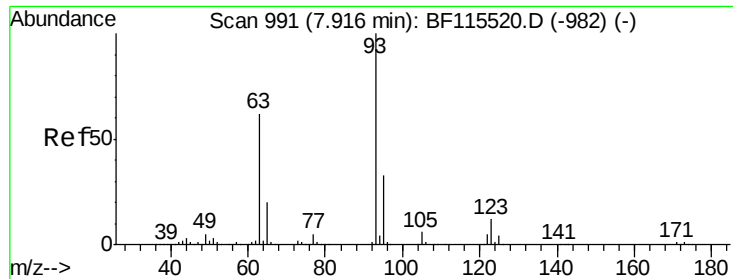


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

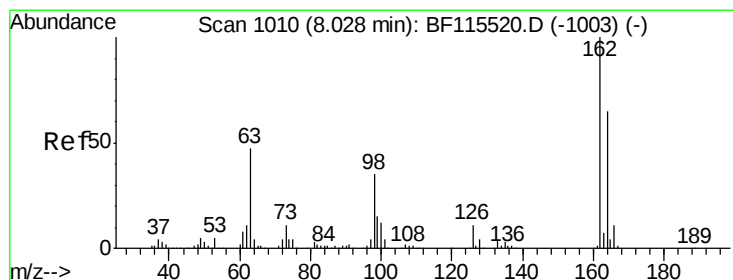
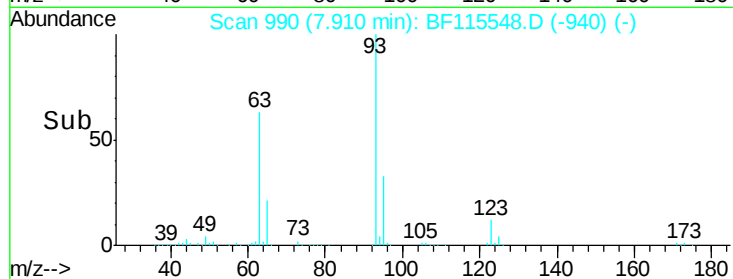
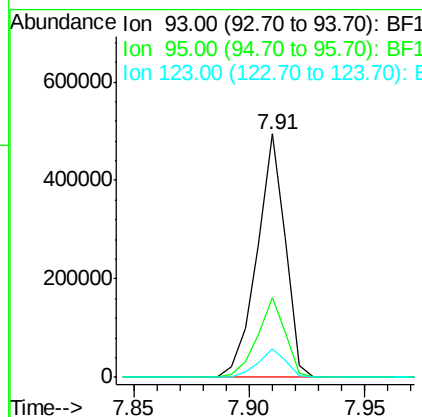
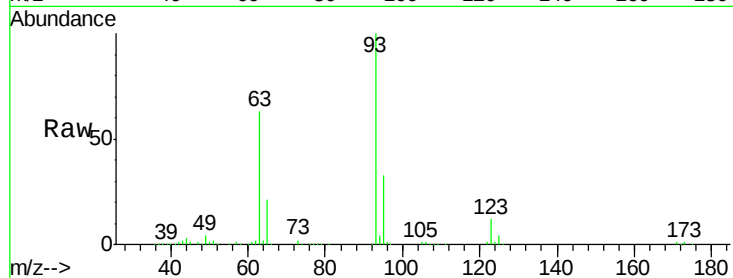




#28
bis(2-Chloroethoxy)methane
Concen: 33.137 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

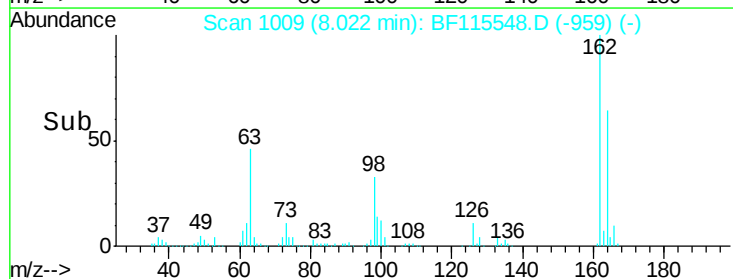
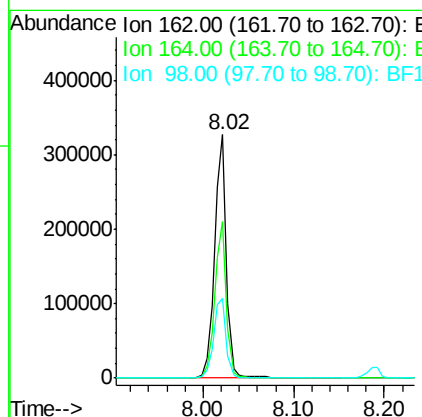
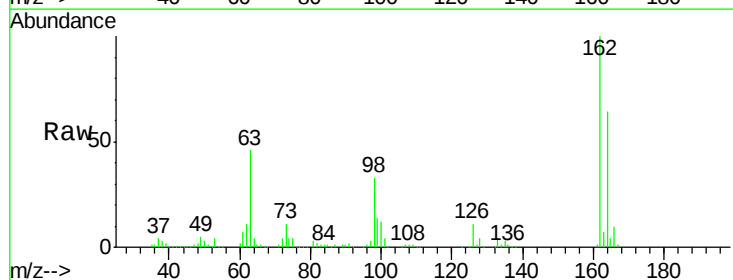
Instrument :
BNA_F
ClientSampleId :

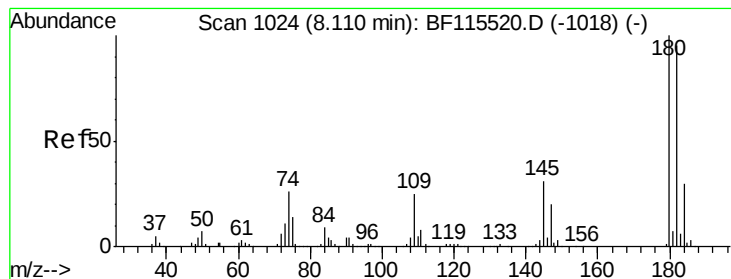
Tot Ion: 93 Resp: 422499
Ion Ratio Lower Upper
93 100
95 33.0 27.0 40.4
123 11.9 9.9 14.9



#29
2,4-Dichlorophenol
Concen: 33.182 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion: 162 Resp: 297735
Ion Ratio Lower Upper
162 100
164 64.5 44.9 84.9
98 33.0 17.7 57.7





#30

1,2,4-Trichlorobenzene

Concen: 32.533 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

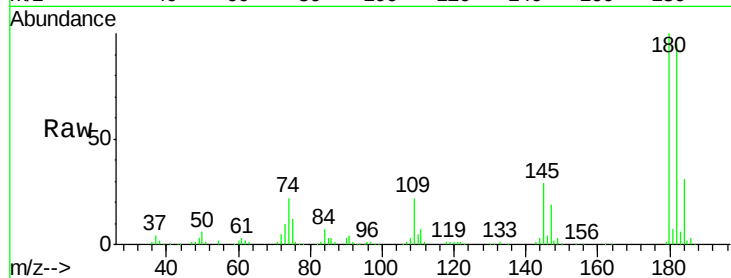
Tot Ion:180 Resp: 329963

Ion Ratio Lower Upper

180 100

182 95.1 75.0 112.6

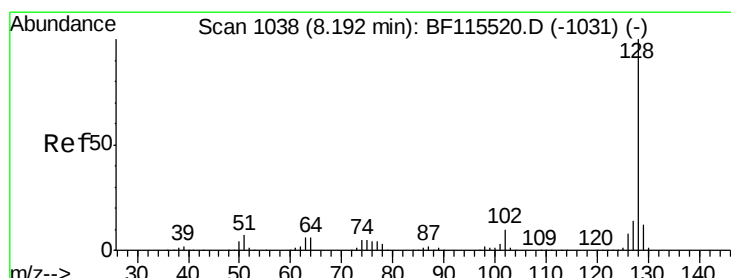
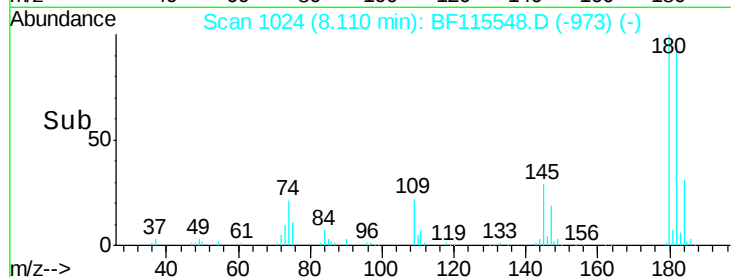
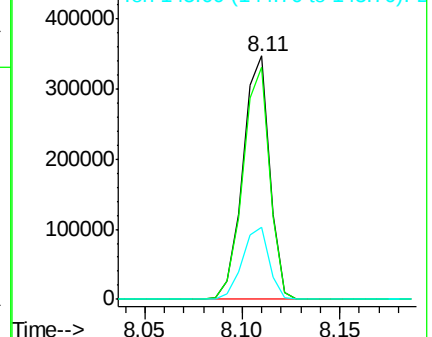
145 29.5 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 34.658 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

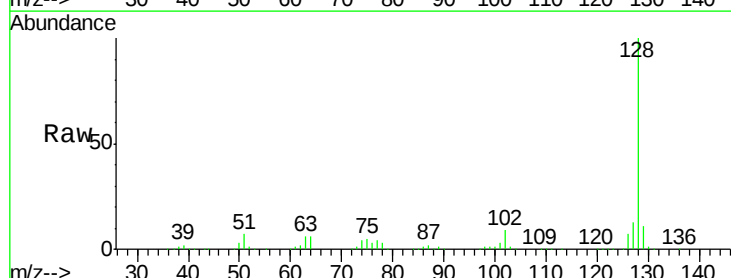
Tgt Ion:128 Resp: 1013699

Ion Ratio Lower Upper

128 100

129 11.5 9.9 14.9

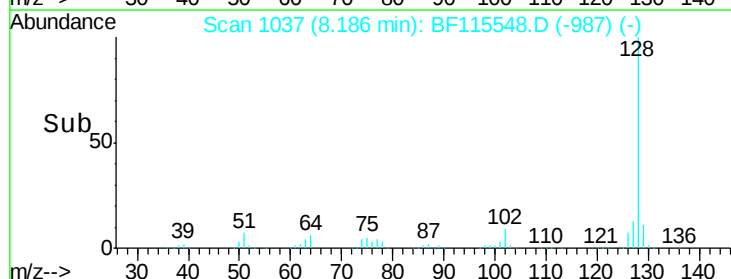
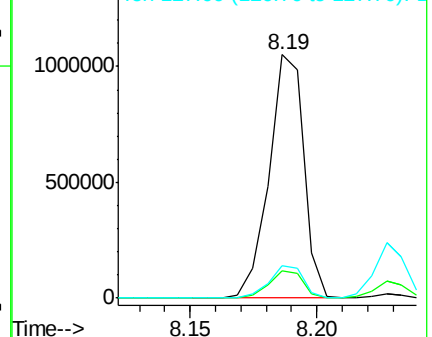
127 13.4 12.1 18.1

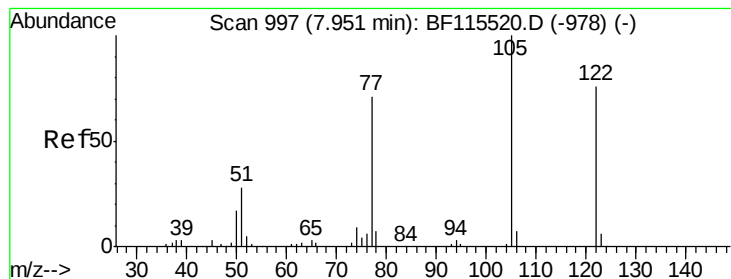


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 2.088 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.09 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

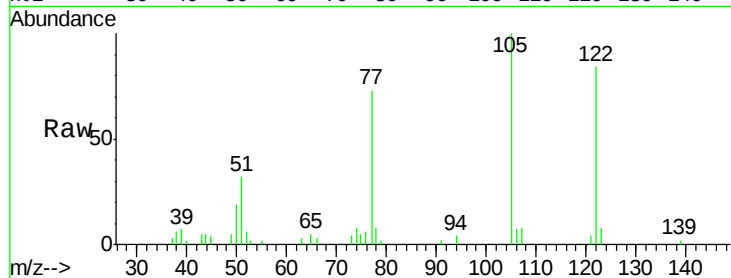
Tot Ion:122 Resp: 14787

Ion Ratio Lower Upper

122 100

105 118.9 102.5 142.5

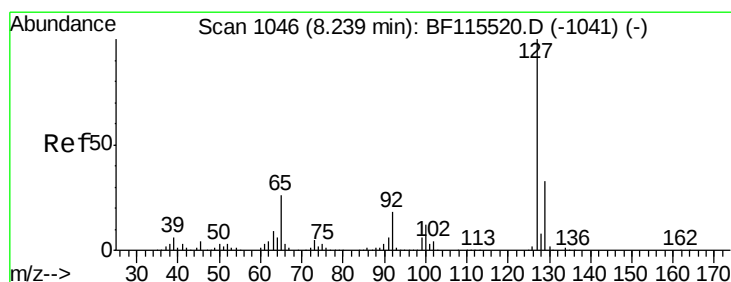
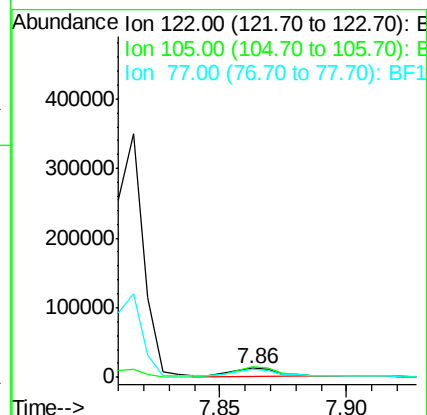
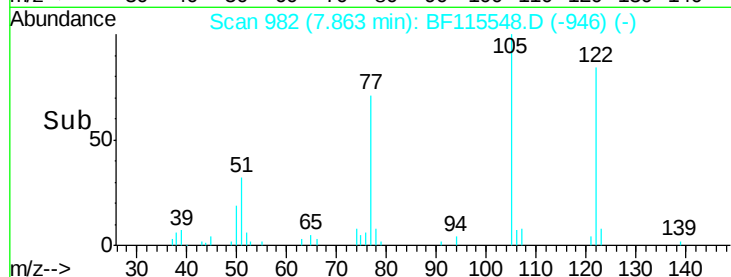
77 86.8 70.2 110.2



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: 16.404 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Tgt Ion:127 Resp: 212522

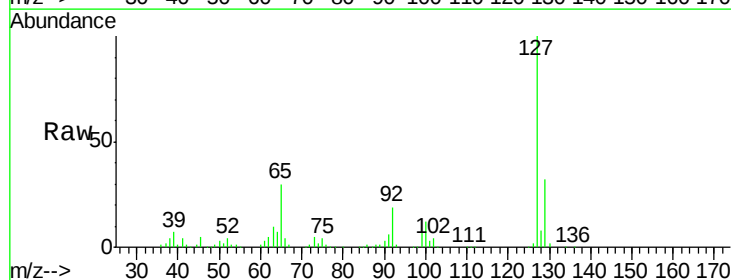
Ion Ratio Lower Upper

127 100

129 31.8 26.6 39.8

65 30.1 23.7 35.5

92 18.7 15.8 23.8

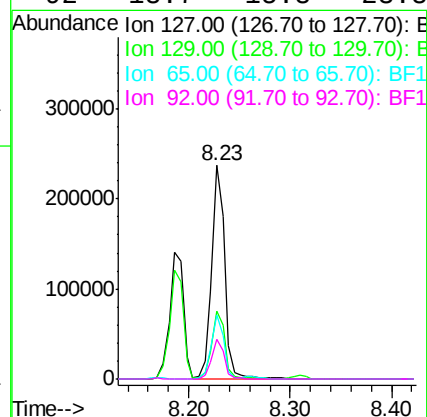
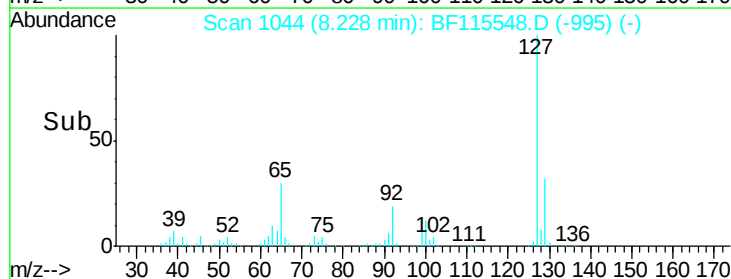


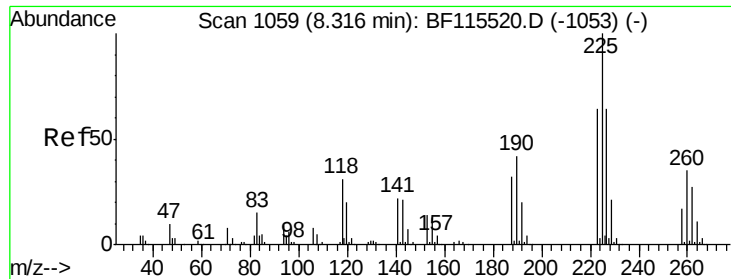
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

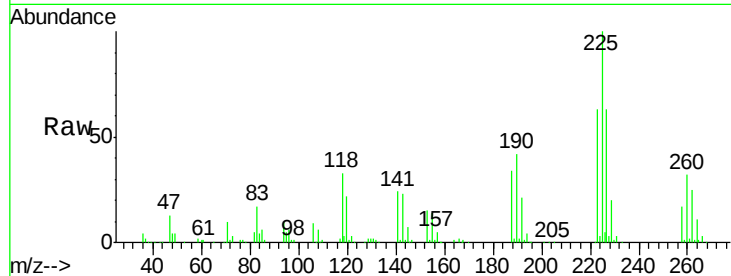




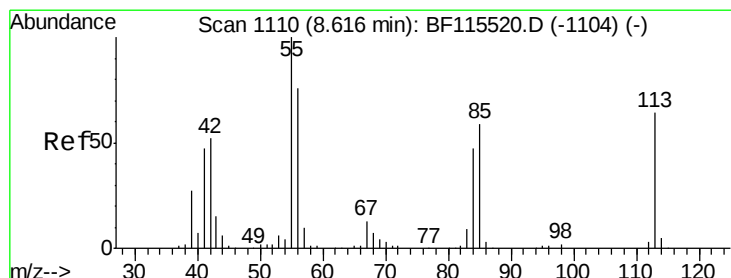
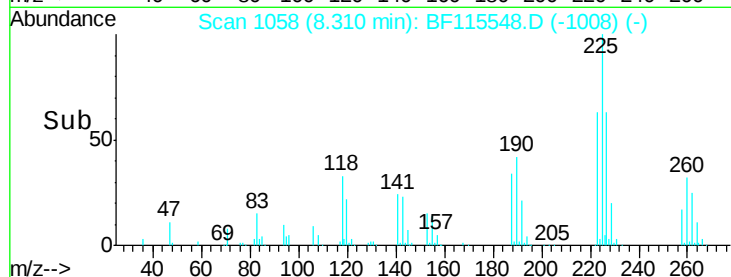
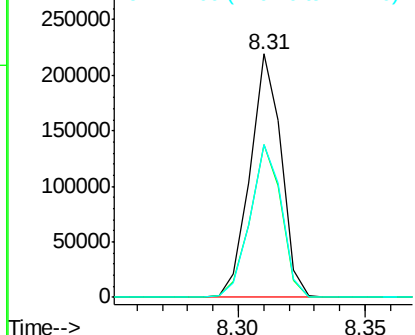
#34
Hexachlorobutadiene
Concen: 32.186 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:225 Resp: 187201
Ion Ratio Lower Upper
225 100
223 62.7 50.9 76.3
227 62.7 50.7 76.1

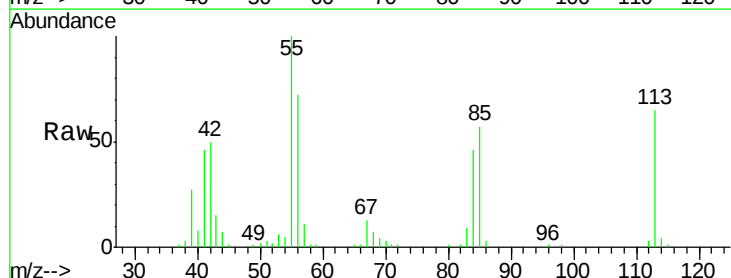


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

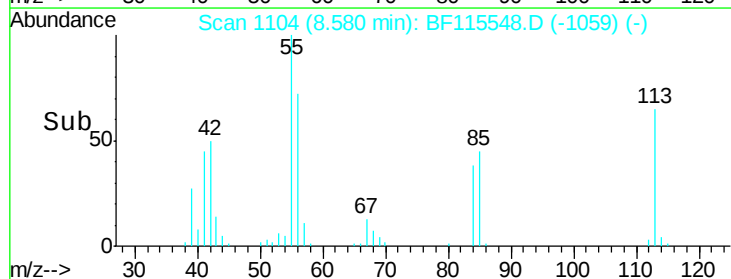
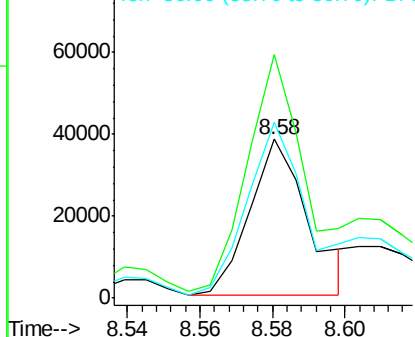


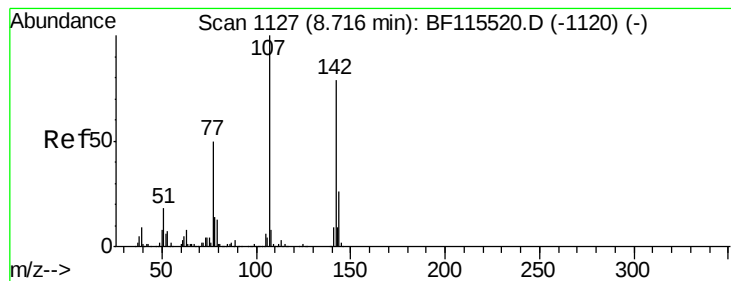
#35
Caprolactam
Concen: 15.249 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion:113 Resp: 42280
Ion Ratio Lower Upper
113 100
55 153.3 126.9 166.9
56 111.0 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: 32.158 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

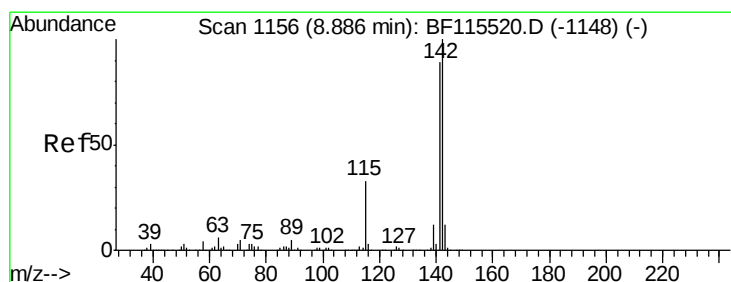
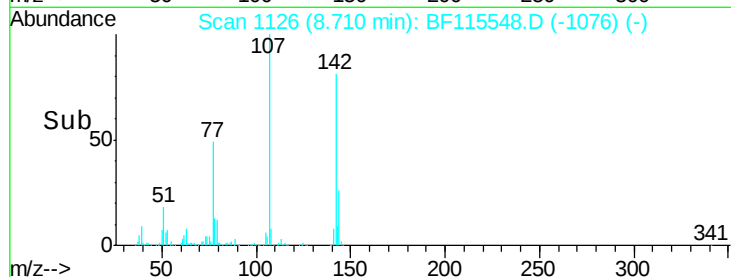
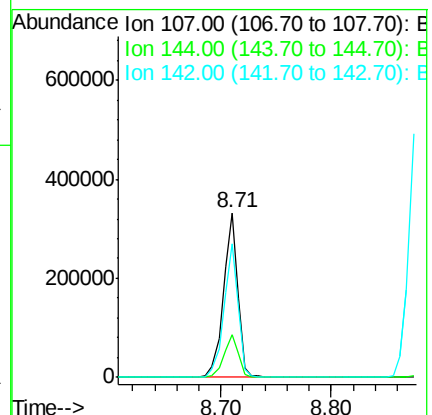
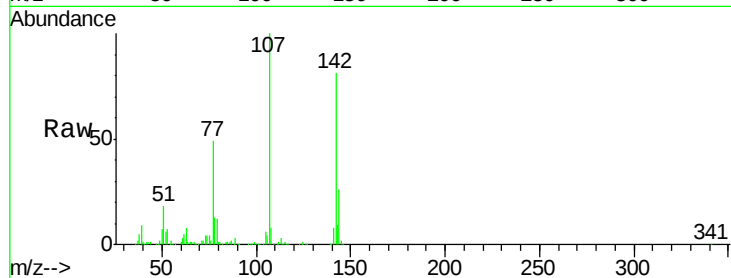
Tot Ion:107 Resp: 299307

Ion Ratio Lower Upper

107 100

144 25.9 20.6 30.8

142 81.0 63.1 94.7



#37

2-Methylnaphthalene

Concen: 34.287 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

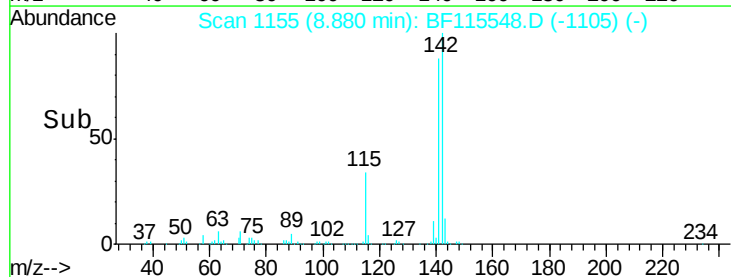
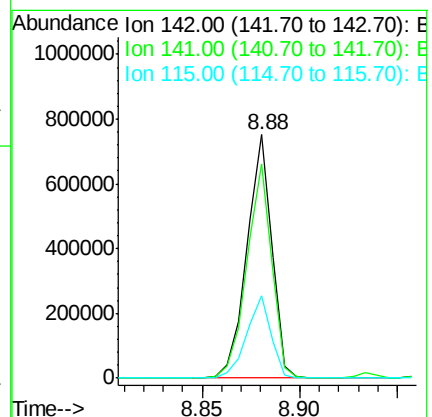
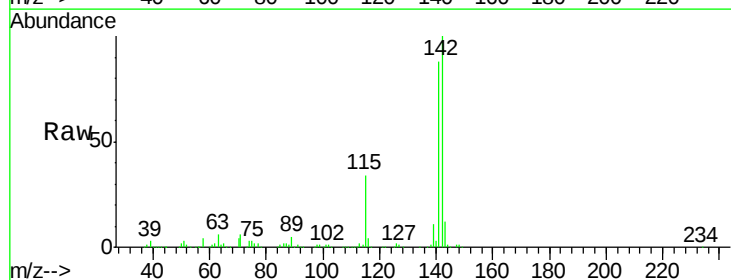
Tgt Ion:142 Resp: 664755

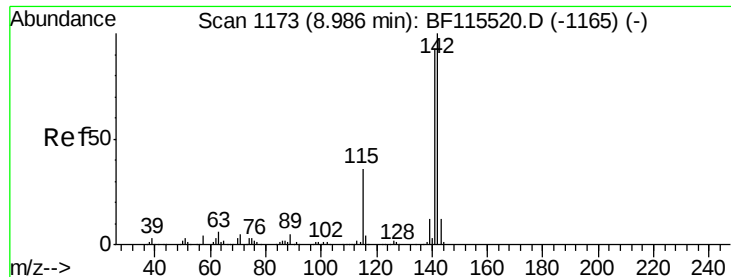
Ion Ratio Lower Upper

142 100

141 87.9 72.0 108.0

115 33.6 29.9 44.9

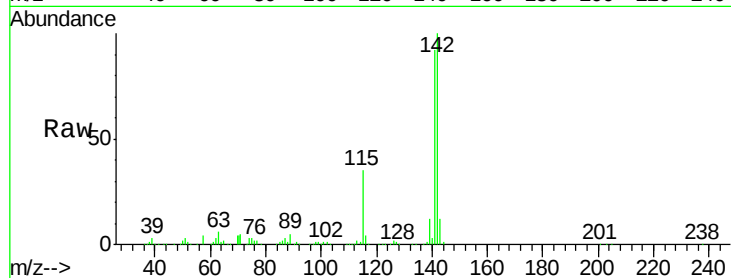




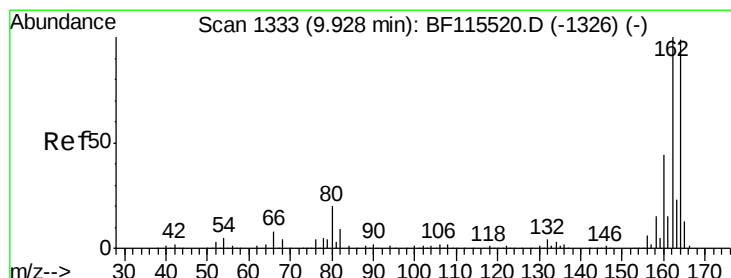
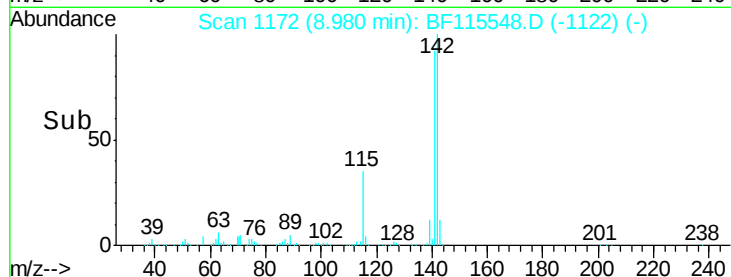
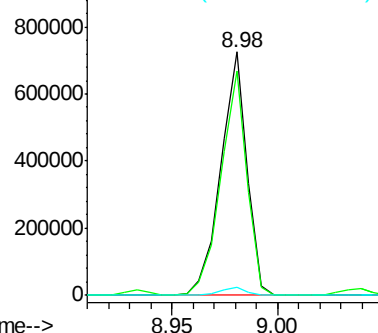
#38
1-Methylnaphthalene
Concen: 33.741 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 621363
Ion Ratio Lower Upper
142 100
141 92.2 75.3 112.9
116 3.6 3.3 4.9

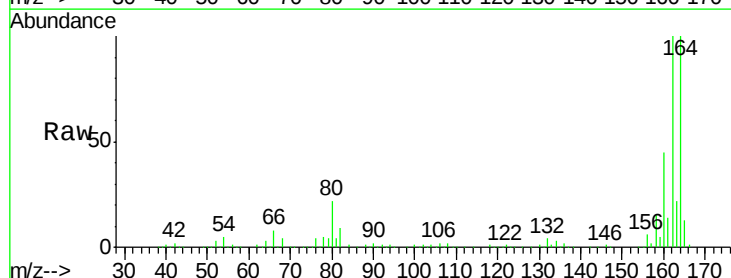


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

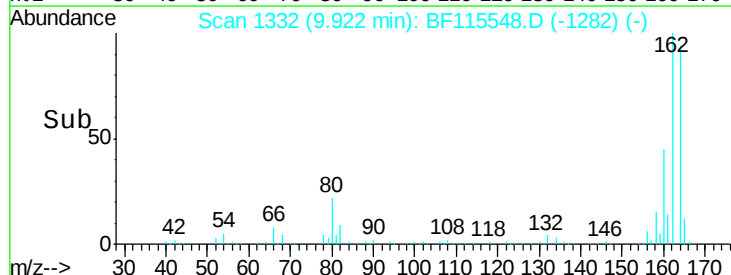
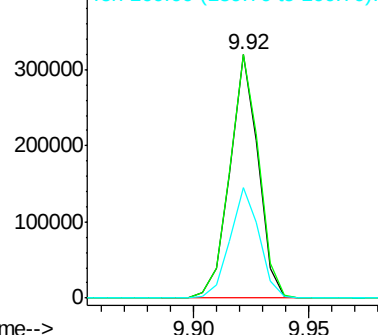


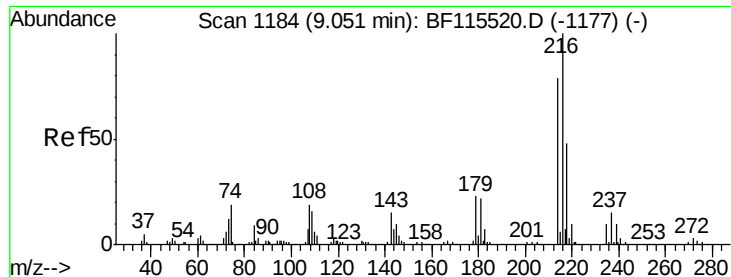
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion:164 Resp: 273778
Ion Ratio Lower Upper
164 100
162 100.2 82.9 124.3
160 45.4 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

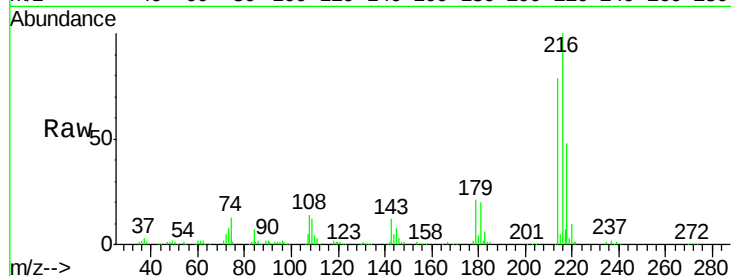




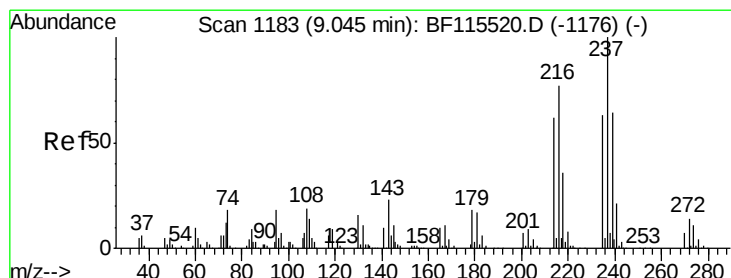
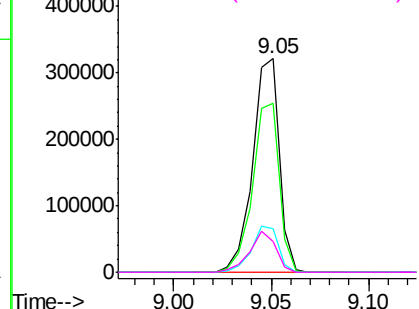
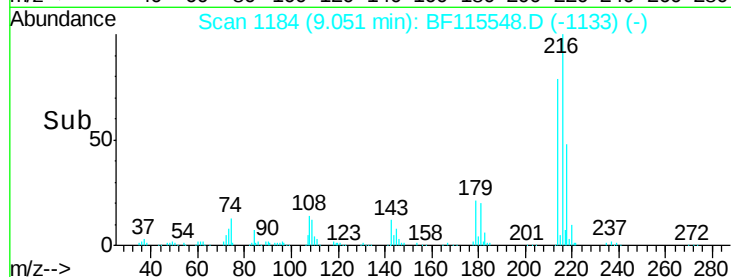
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.832 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	303655
Ion	Ratio	Lower	Upper
216	100		
214	79.6	65.1	97.7
179	21.9	18.3	27.5
108	19.0	15.7	23.5

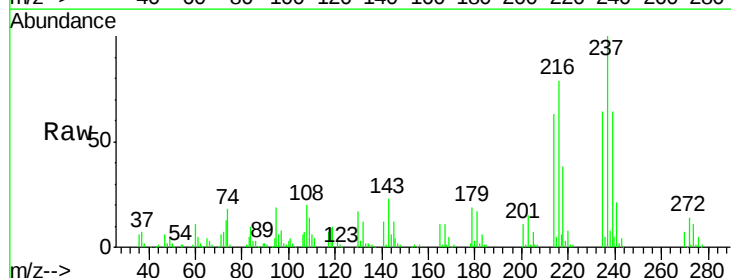


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

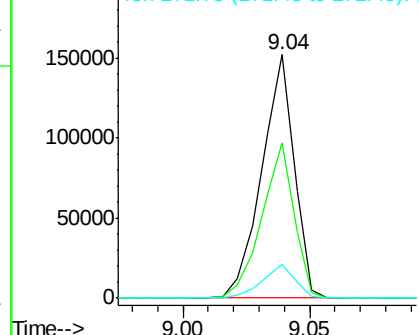
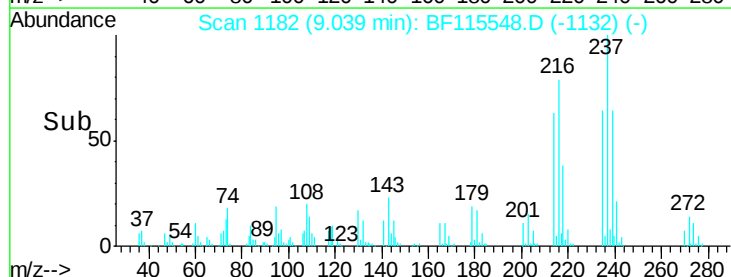


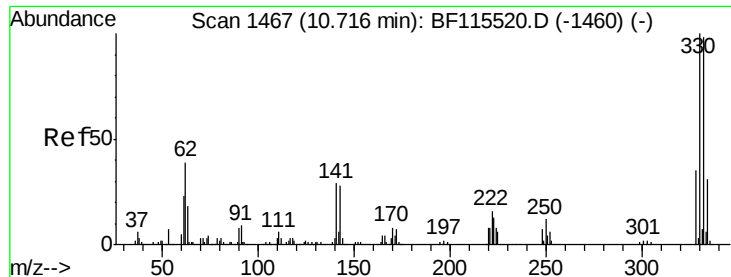
#41
 Hexachlorocyclopentadiene
 Concen: 29.010 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion:	237	Resp:	136433
Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.6	83.6
272	13.6	0.0	33.9



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





#42

2,4,6-Tribromophenol

Concen: 87.614 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

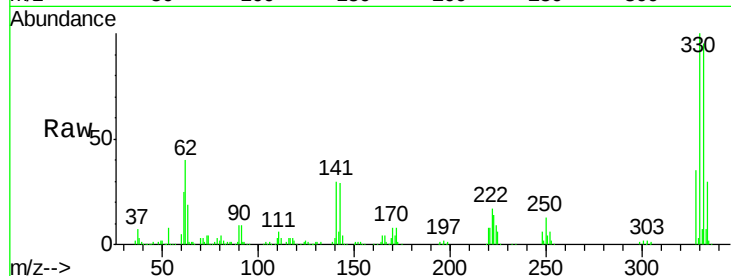
Tot Ion:330 Resp: 279985

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

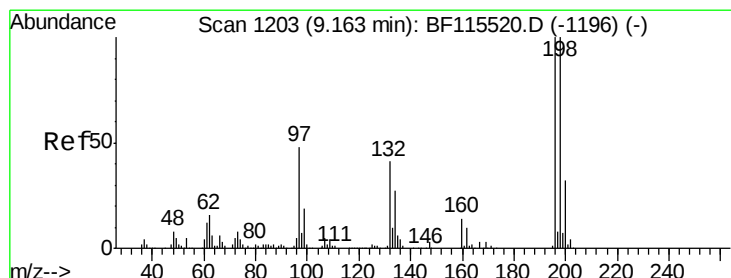
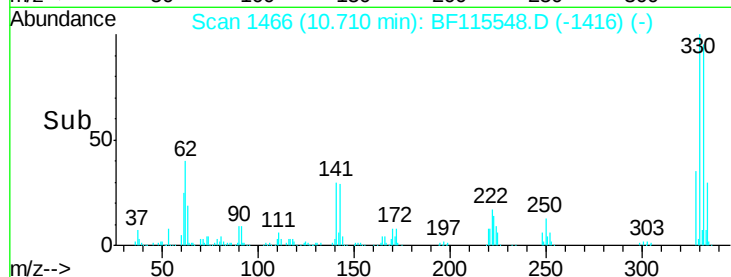
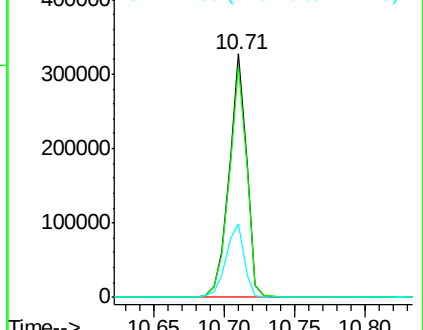
141 31.5 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 32.732 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

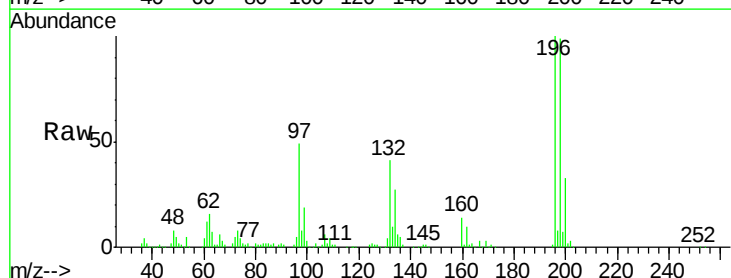
Tgt Ion:196 Resp: 197344

Ion Ratio Lower Upper

196 100

198 99.0 80.6 121.0

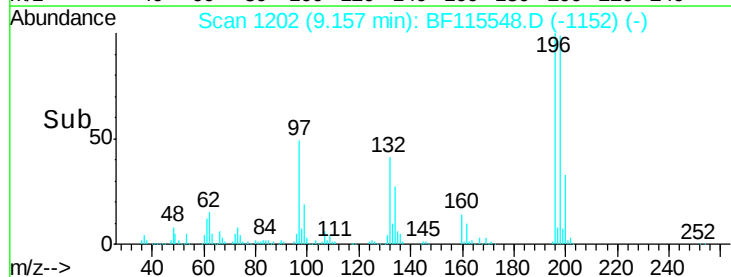
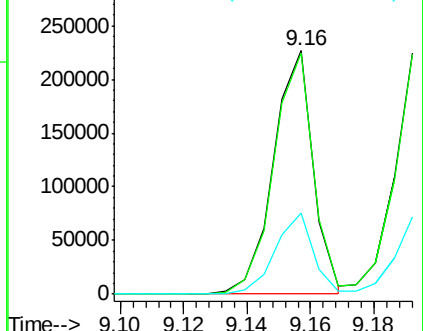
200 33.2 25.8 38.6

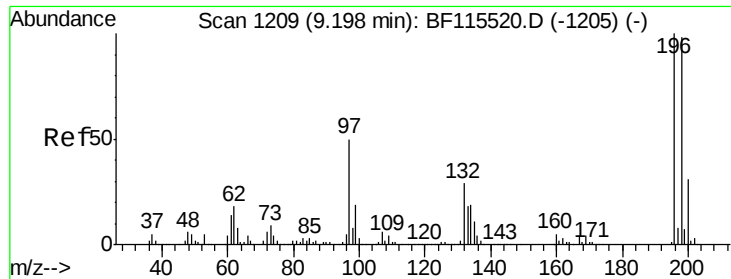


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

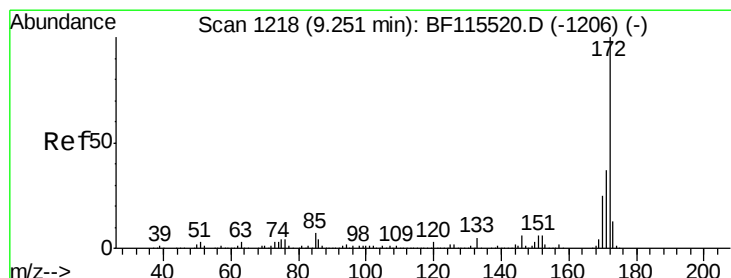
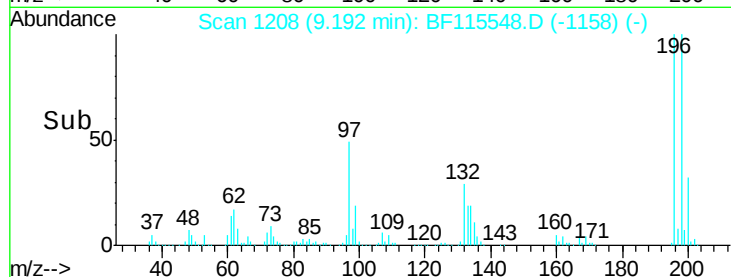
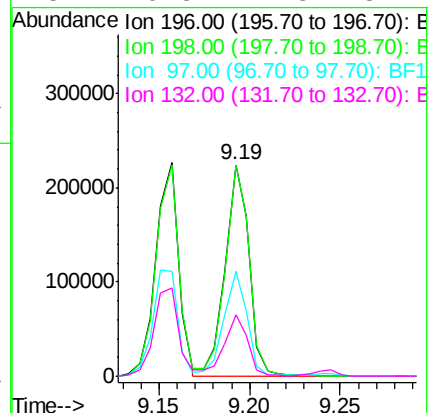
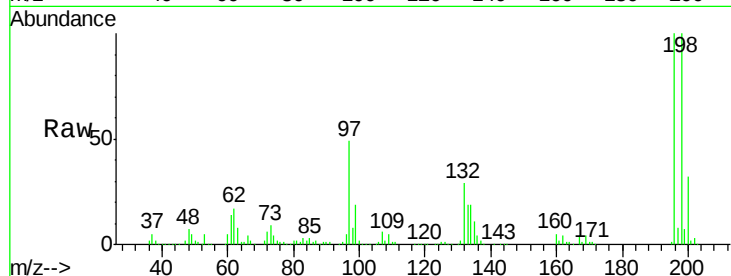




#44
 2,4,5-Trichlorophenol
 Concen: 33.320 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

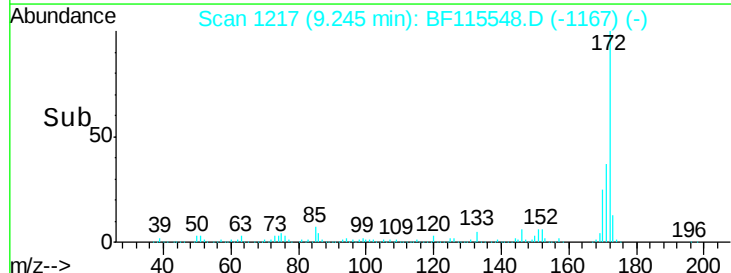
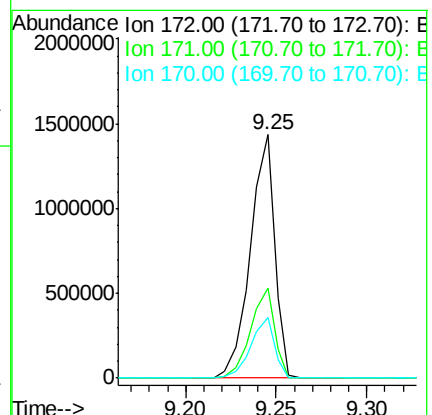
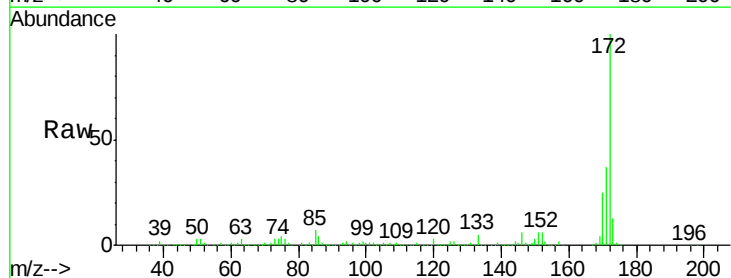
Instrument :
 BNA_F
 ClientSampleId :

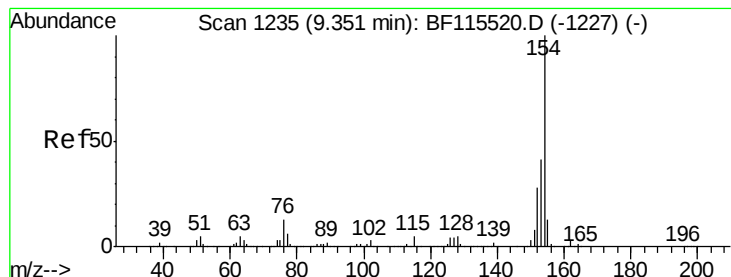
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	79.6	119.4
97	49.4	37.8	56.6
132	29.3	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 85.563 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	24.7	20.5	30.7





#46

1,1'-Biphenyl

Concen: 37.405 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

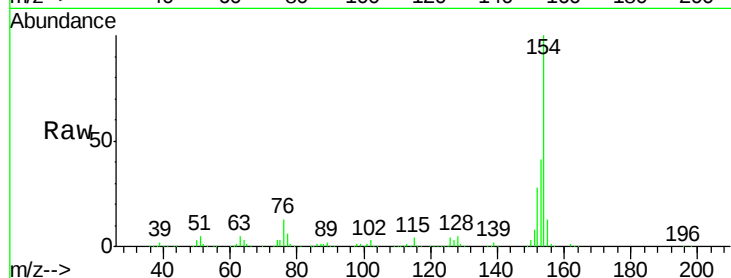
Tot Ion:154 Resp: 800615

Ion Ratio Lower Upper

154 100

153 41.2 22.6 62.6

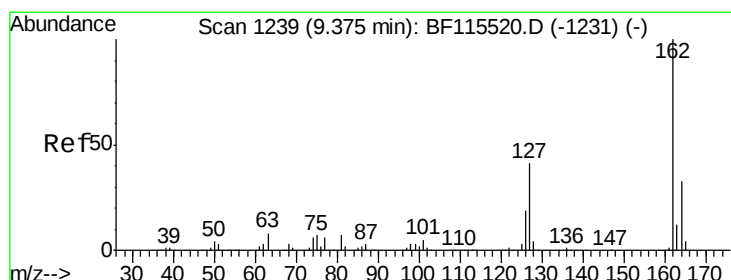
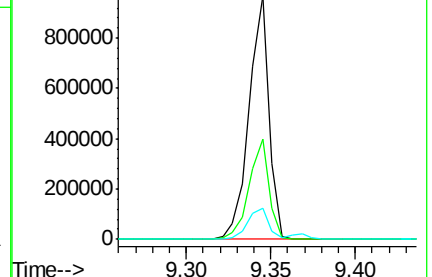
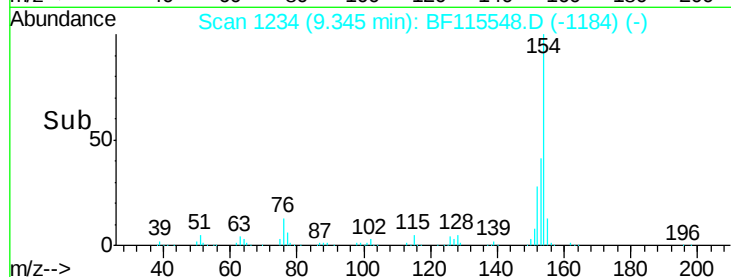
76 12.8 0.0 33.4



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: 34.381 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

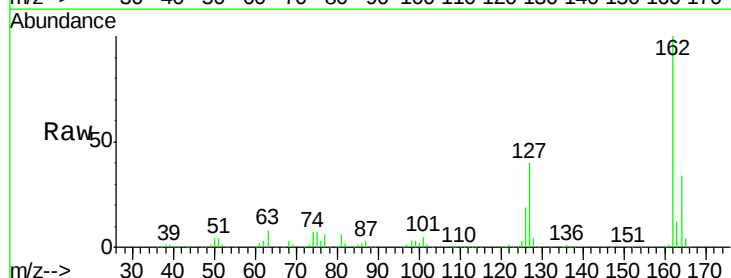
Tgt Ion:162 Resp: 612730

Ion Ratio Lower Upper

162 100

127 39.9 34.1 51.1

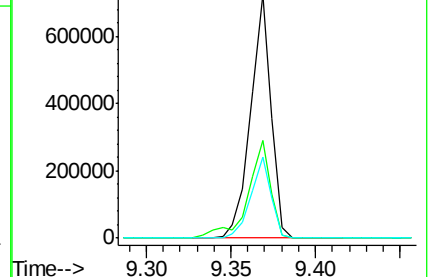
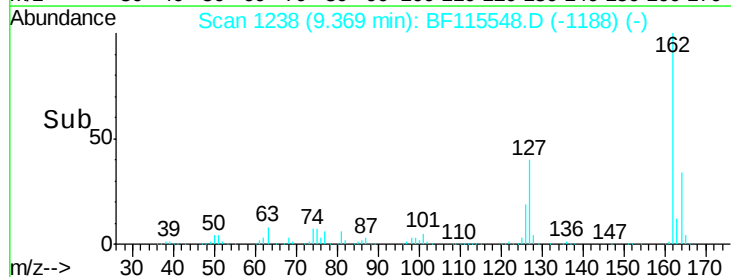
164 33.5 27.4 41.2

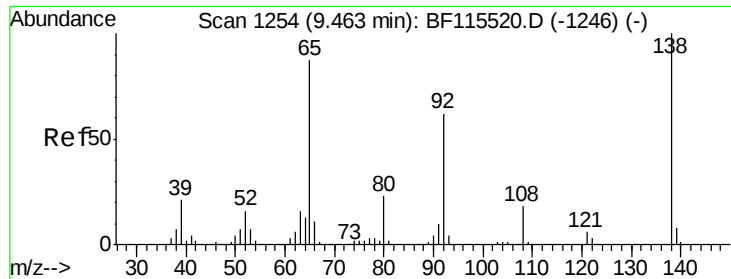


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

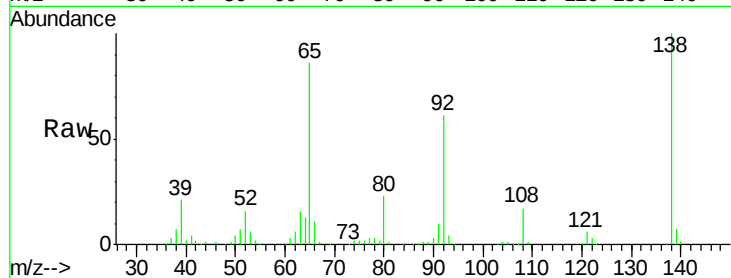




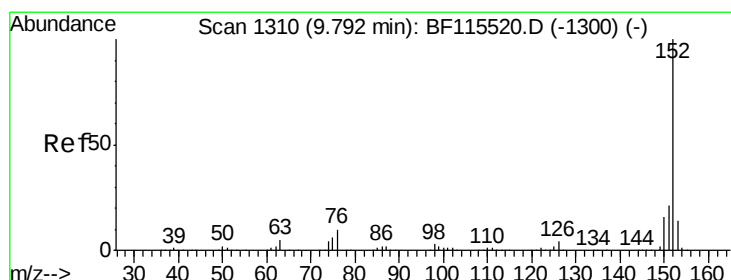
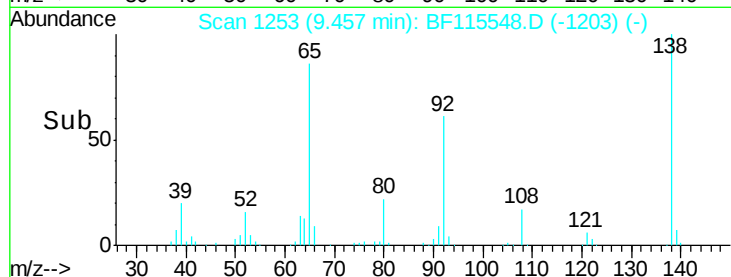
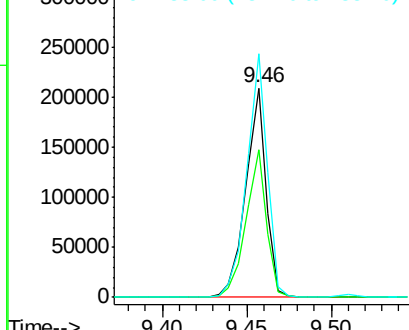
#48
2-Nitroaniline
Concen: 32.227 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 177765
Ion Ratio Lower Upper
65 100
92 70.6 57.8 86.6
138 116.3 91.2 136.8

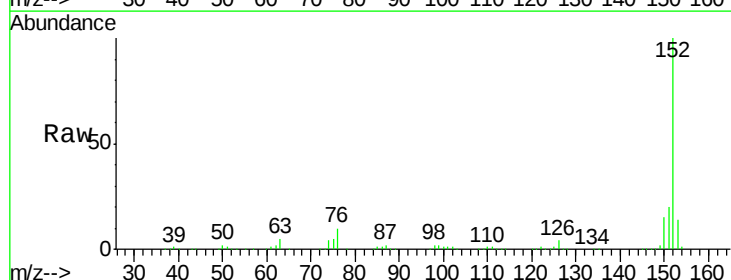


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

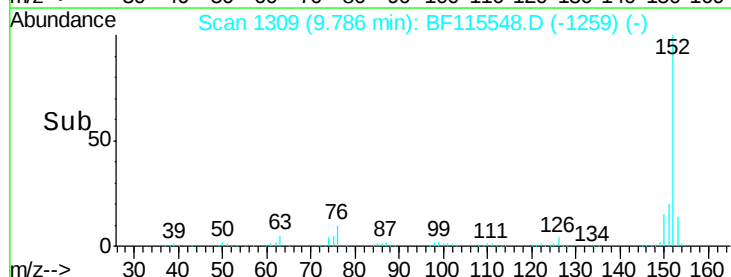
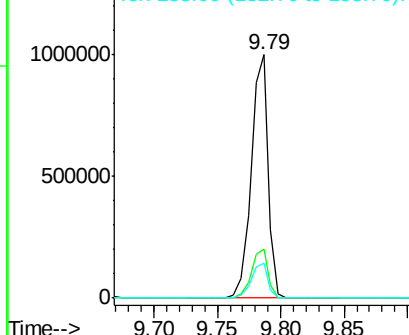


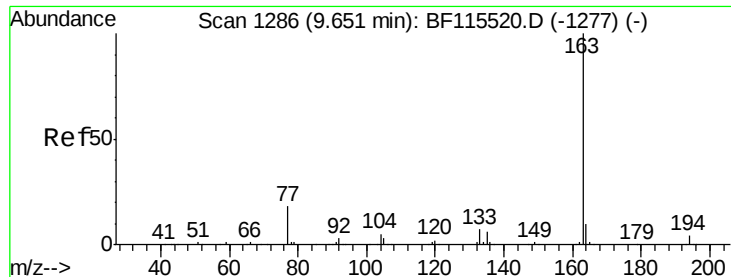
#49
Acenaphthylene
Concen: 35.104 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion: 152 Resp: 927022
Ion Ratio Lower Upper
152 100
151 20.4 17.7 26.5
153 14.1 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

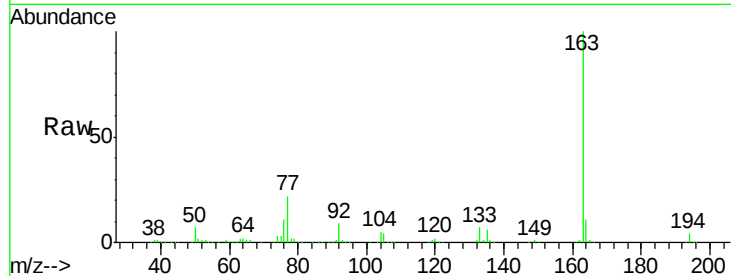




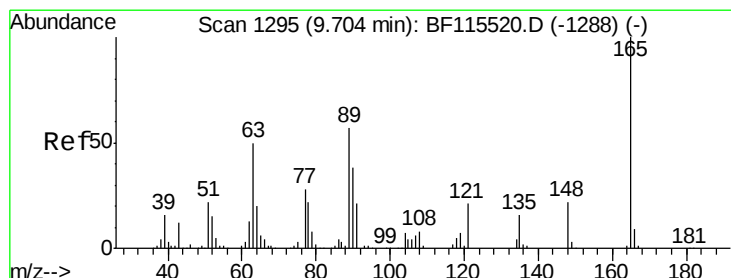
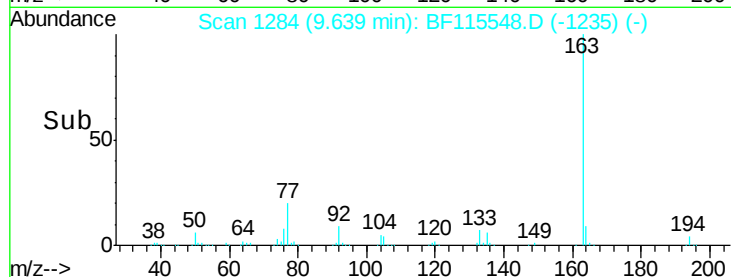
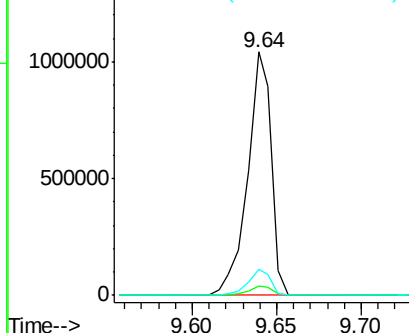
#50
Dimethylphthalate
Concen: 49.654 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1022781
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.7 13.1

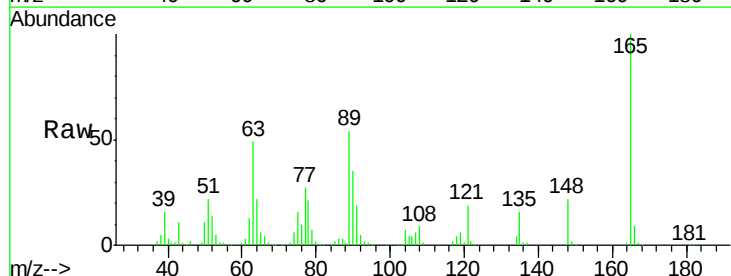


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

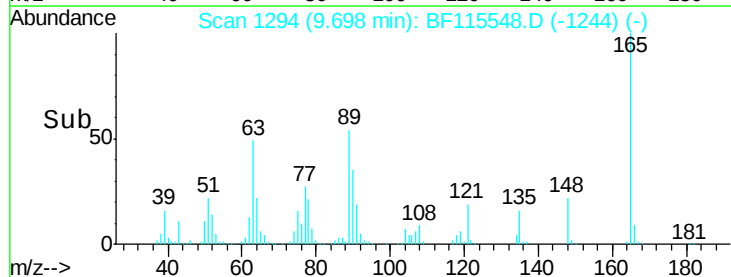
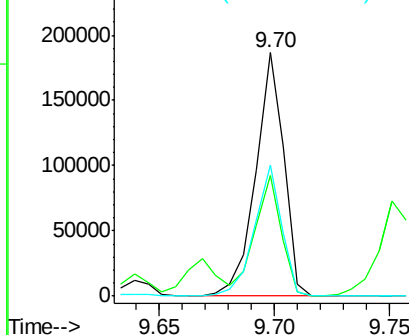


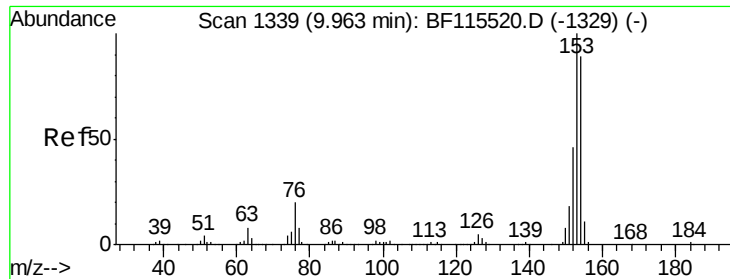
#51
2,6-Dinitrotoluene
Concen: 33.914 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion:165 Resp: 158753
Ion Ratio Lower Upper
165 100
63 49.4 40.6 61.0
89 53.6 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: 32.420 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

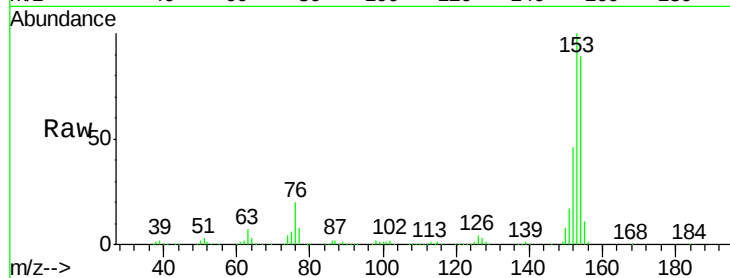
Tot Ion:154 Resp: 552734

Ion Ratio Lower Upper

154 100

153 112.6 88.6 133.0

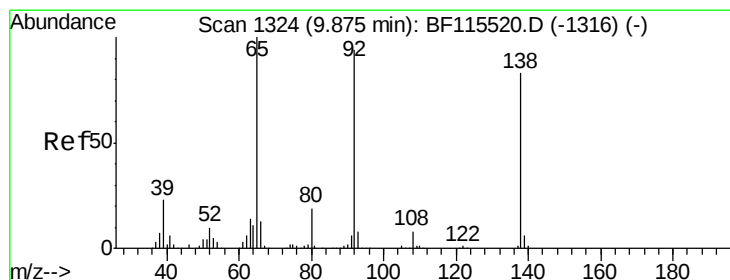
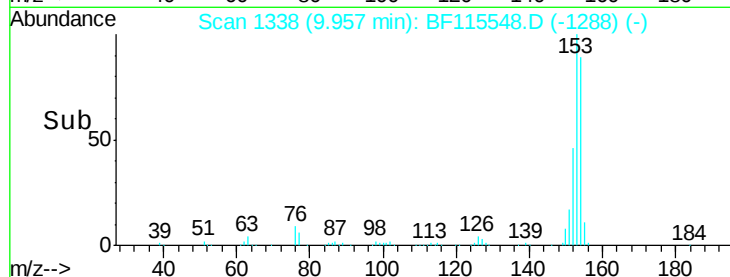
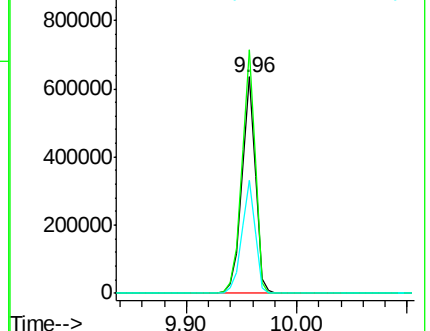
152 52.3 42.3 63.5



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: 26.601 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

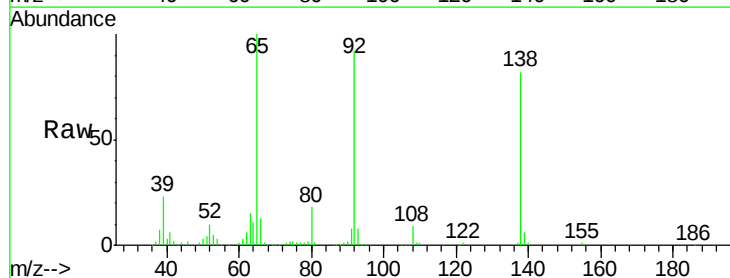
Tgt Ion:138 Resp: 142298

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

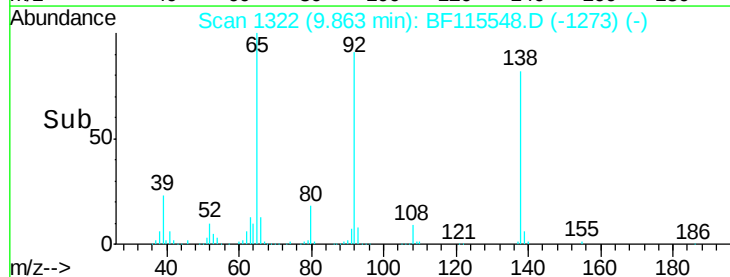
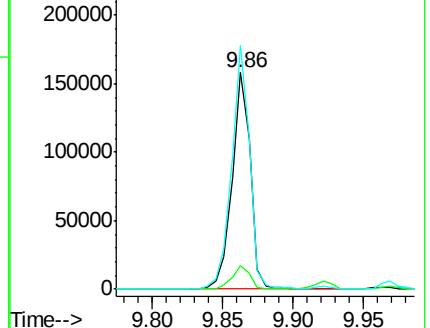
92 112.4 88.0 132.0

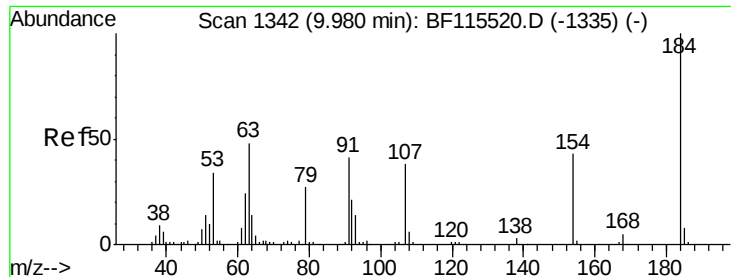


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

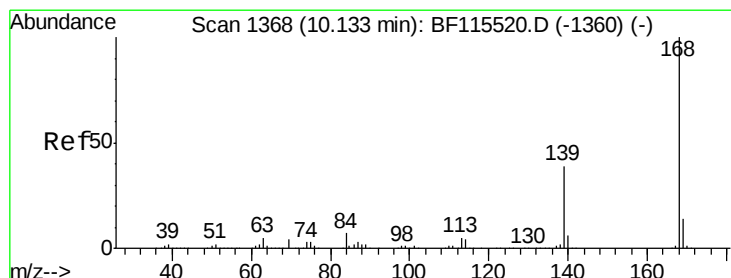
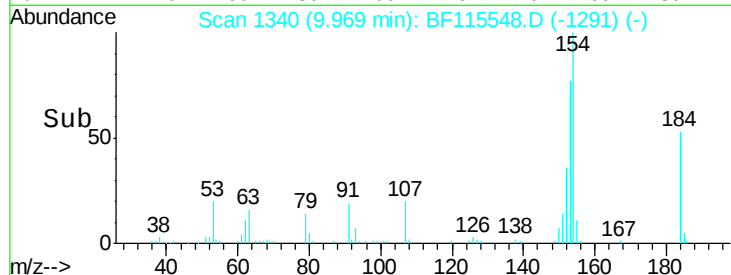
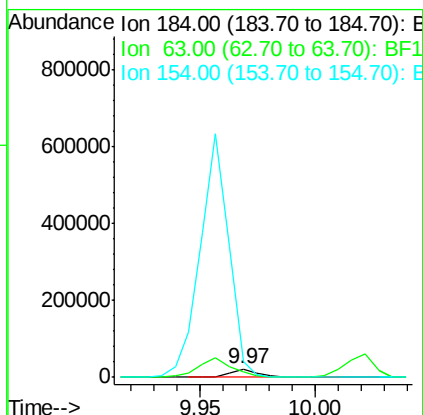
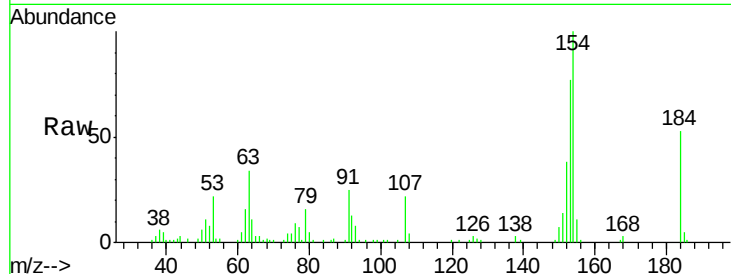




#54
 2,4-Dinitrophenol
 Concen: 7.741 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

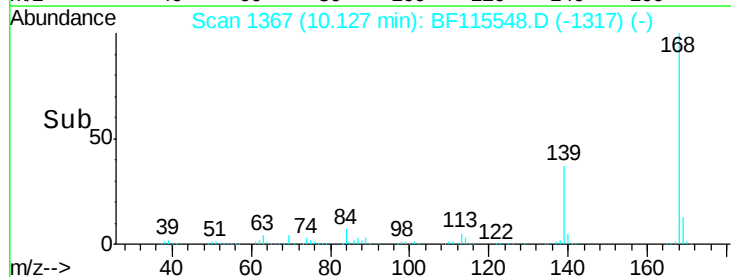
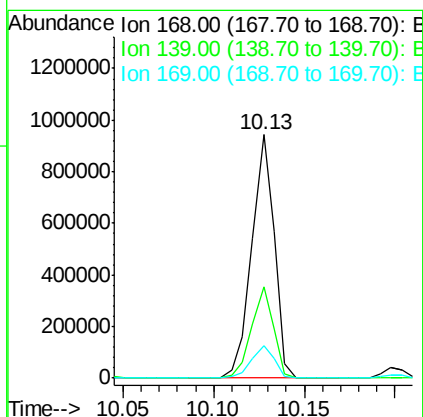
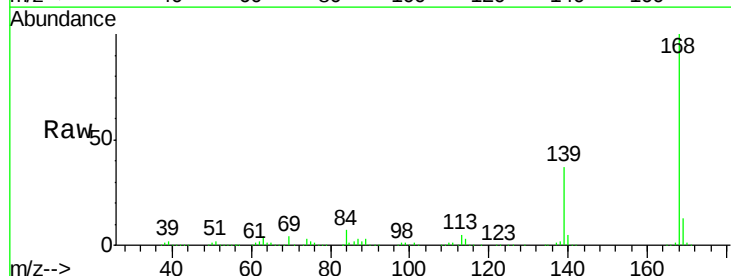
Instrument :
 BNA_F
 ClientSampleId :

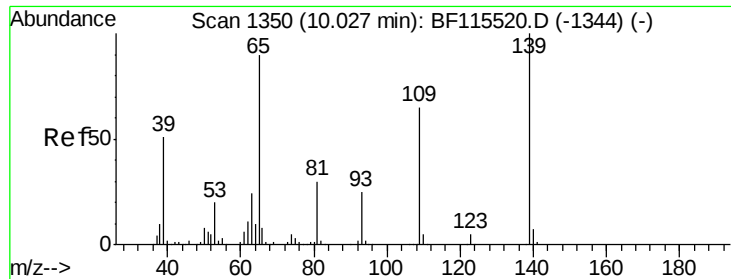
Tot Ion:184 Resp: 18604
 Ion Ratio Lower Upper
 184 100
 63 64.2 48.7 73.1
 154 187.5 48.6 73.0#



#55
 Dibenzofuran
 Concen: 33.731 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion:168 Resp: 816694
 Ion Ratio Lower Upper
 168 100
 139 37.3 31.1 46.7
 169 13.4 11.1 16.7

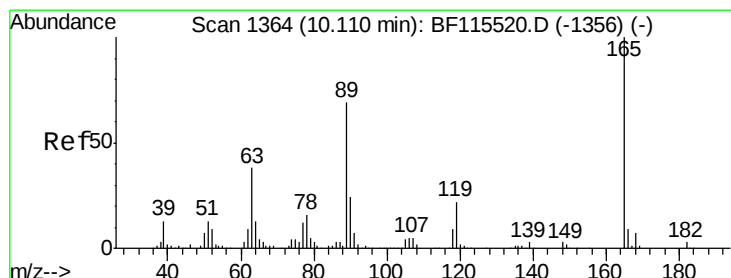
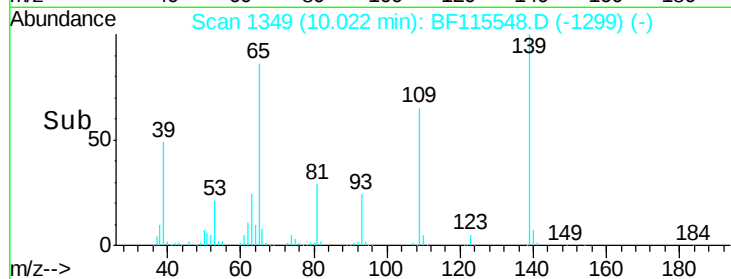
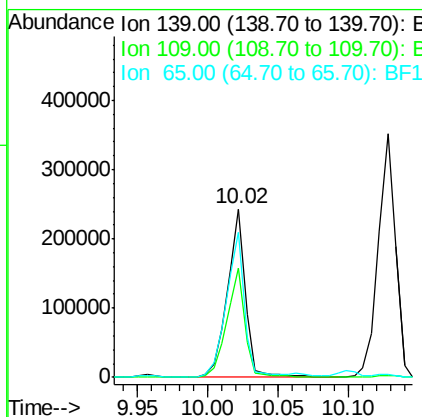
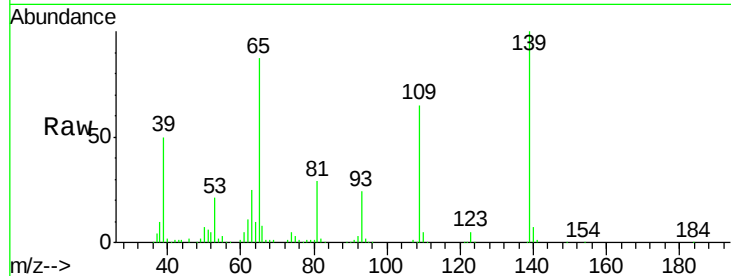




#56
4-Nitrophenol
Concen: 53.596 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

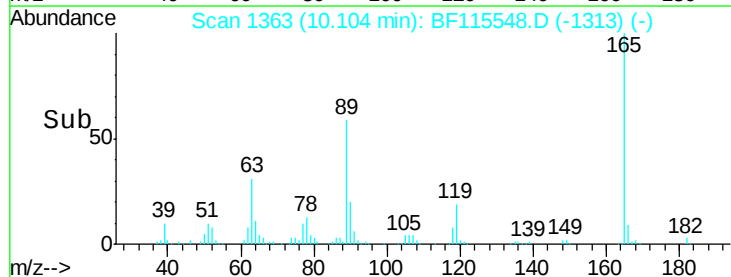
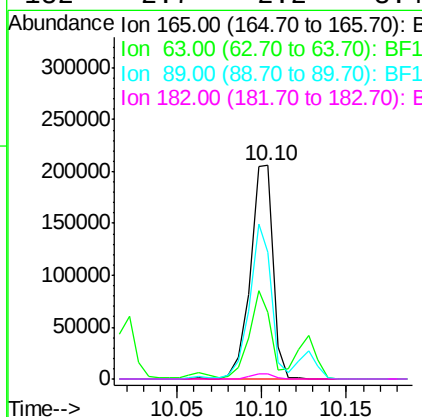
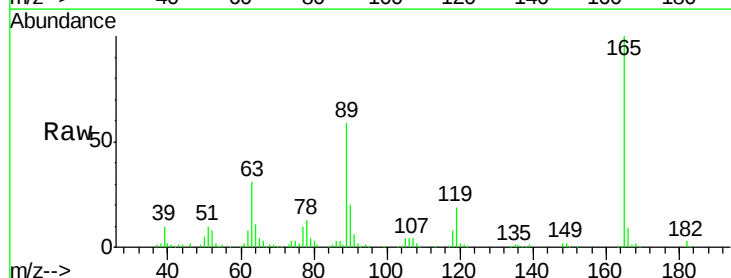
Instrument :
BNA_F
ClientSampleId :

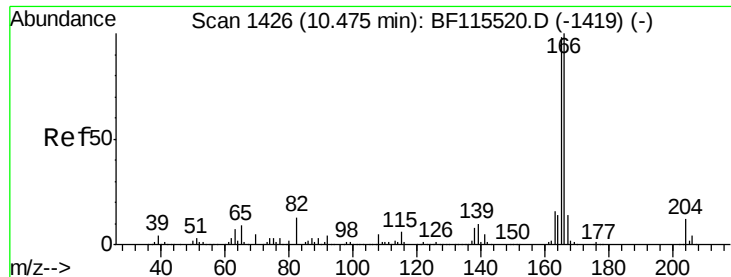
Tot Ion:139 Resp: 218624
Ion Ratio Lower Upper
139 100
109 65.2 46.4 86.4
65 86.5 68.9 108.9



#57
2,4-Dinitrotoluene
Concen: 32.143 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion:165 Resp: 194931
Ion Ratio Lower Upper
165 100
63 31.3 34.9 52.3#
89 59.4 57.5 86.3
182 2.7 2.2 3.4





#58

Fluorene

Concen: 34.268 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

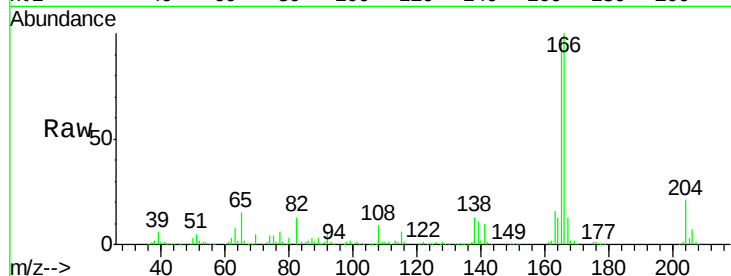
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 593127

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.8	119.6
167	13.5	11.2	16.8

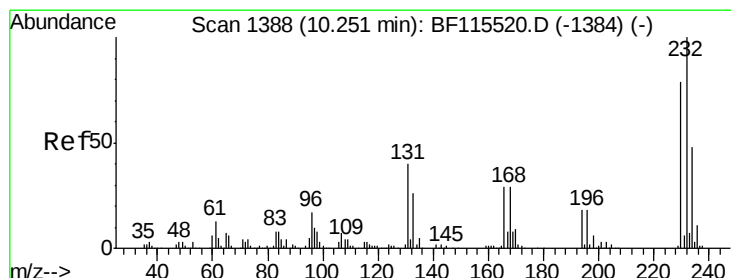
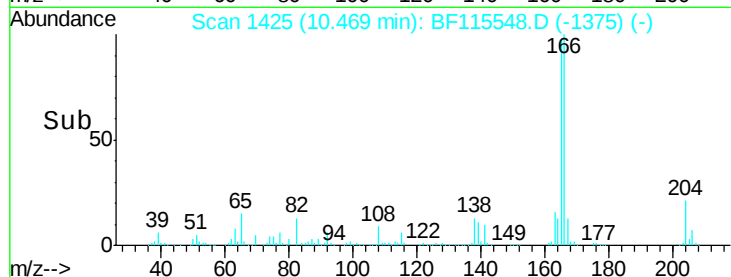
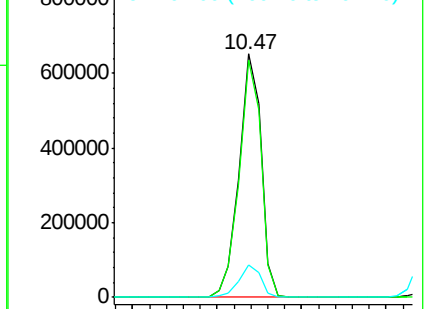


Abundance

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: 29.258 ng

RT: 10.25 min Scan# 1387

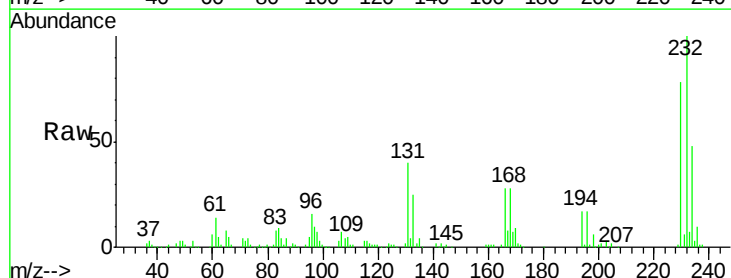
Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Tgt Ion:232 Resp: 151015

Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.9	53.9
130	2.1	1.8	2.6
166	29.7	24.8	37.2



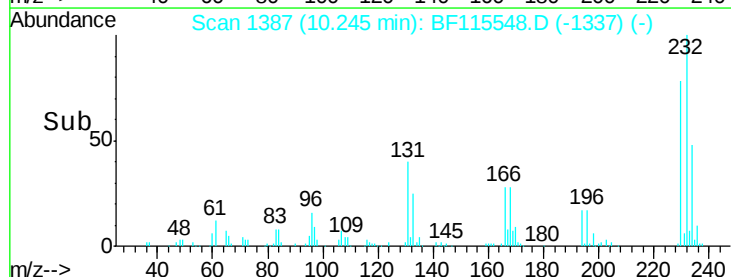
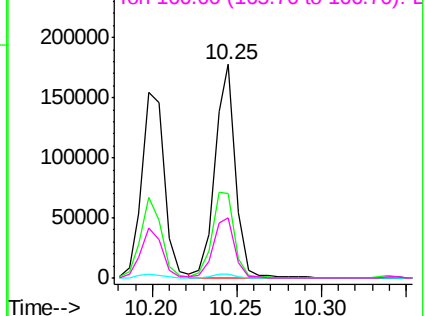
Abundance

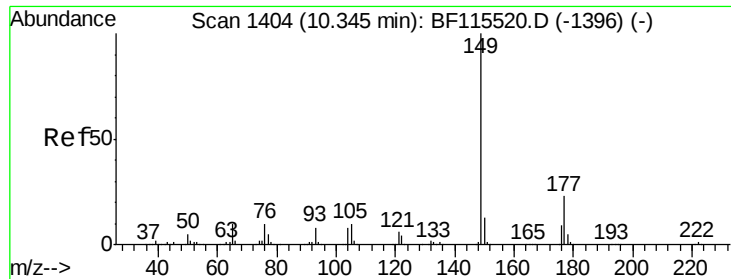
Ion 232.00 (231.70 to 232.70): E

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

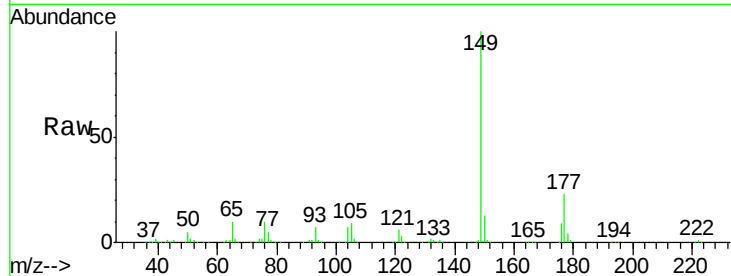




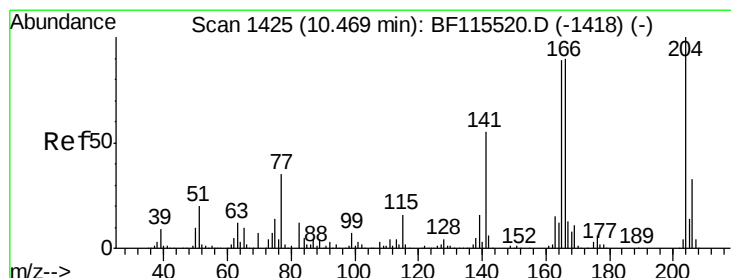
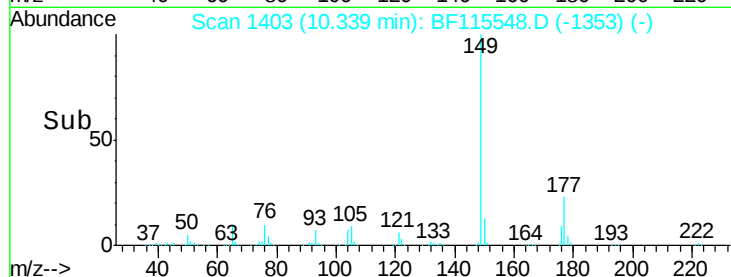
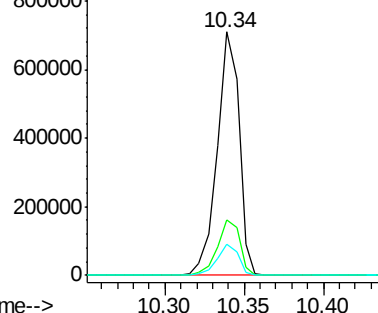
#60
Diethylphthalate
Concen: 35.095 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 677320
Ion Ratio Lower Upper
149 100
177 23.0 19.5 29.3
150 12.7 10.4 15.6

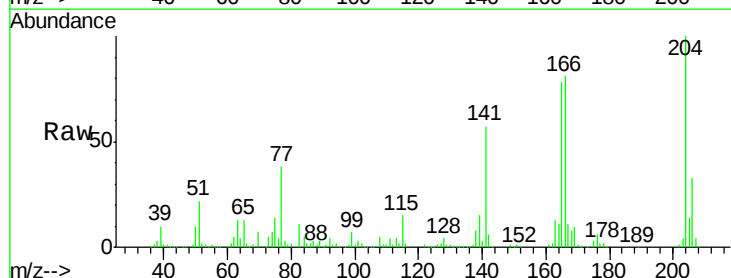


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

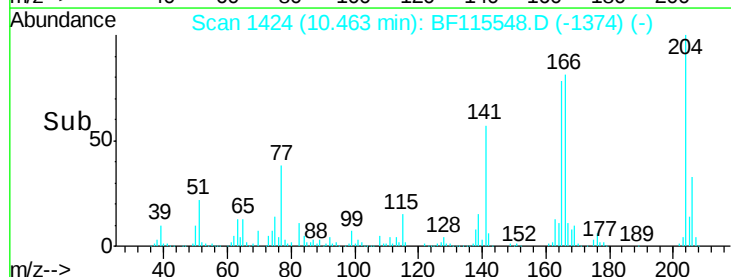
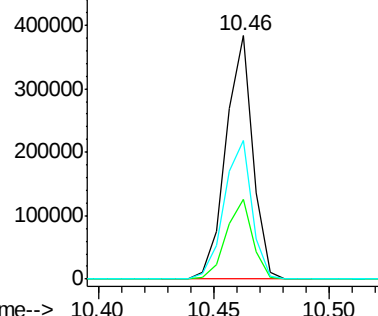


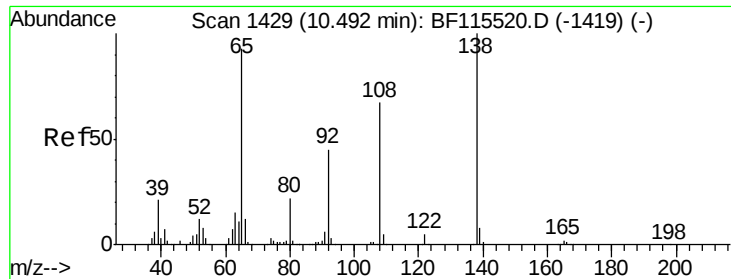
#61
4-Chlorophenyl-phenylether
Concen: 32.630 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion:204 Resp: 313201
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 56.8 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

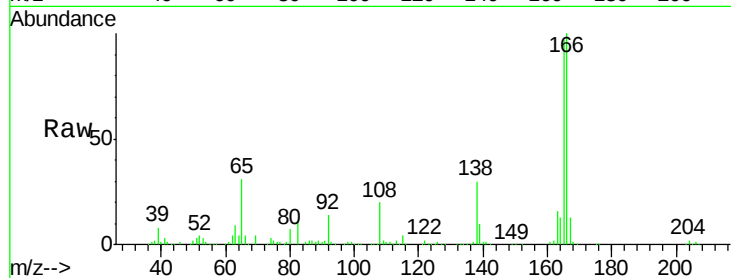




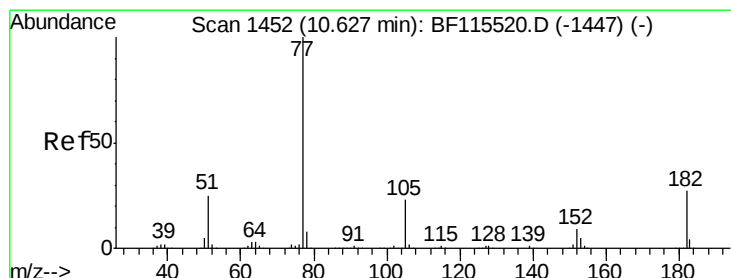
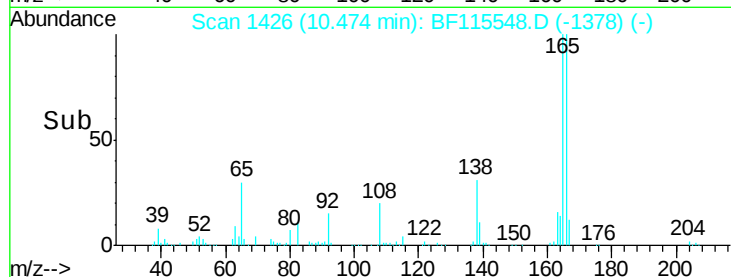
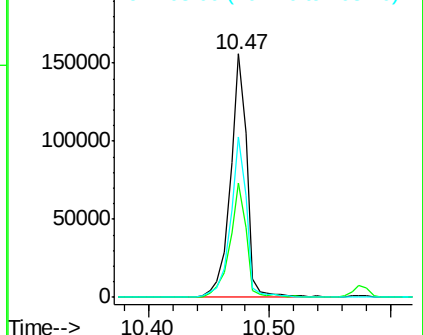
#62
4-Nitroaniline
Concen: 28.805 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 147804
Ion Ratio Lower Upper
138 100
92 47.0 27.1 67.1
108 66.1 48.0 88.0

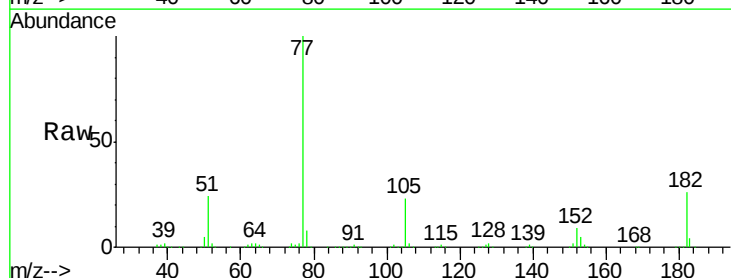


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

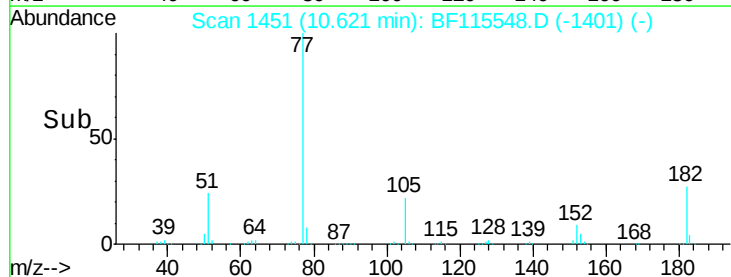
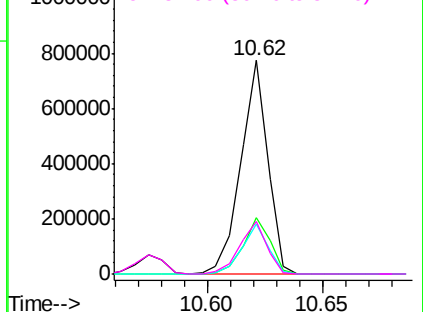


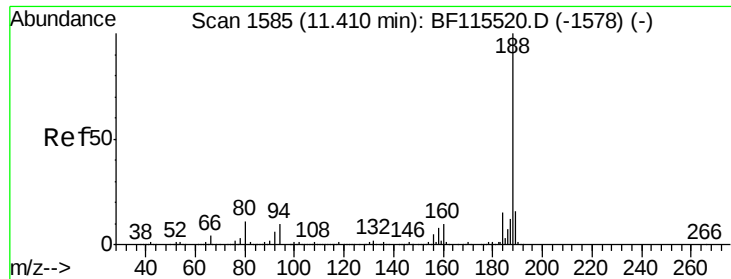
#63
Azobenzene
Concen: 33.593 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion: 77 Resp: 628862
Ion Ratio Lower Upper
77 100
182 26.4 6.9 46.9
105 23.2 3.9 43.9
51 24.4 7.3 47.3



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

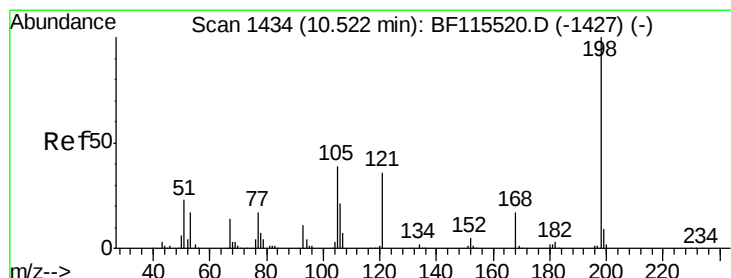
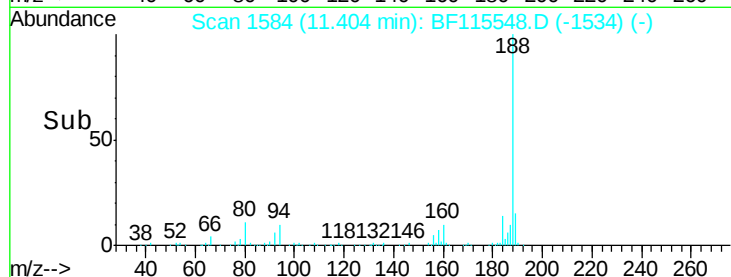
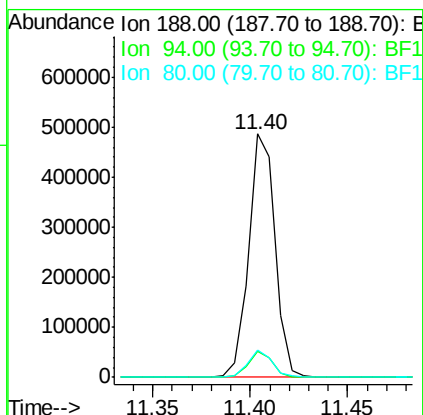
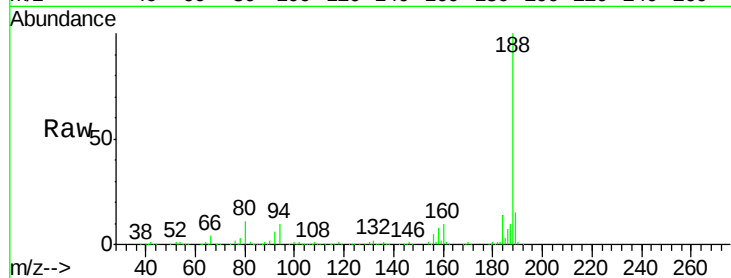




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

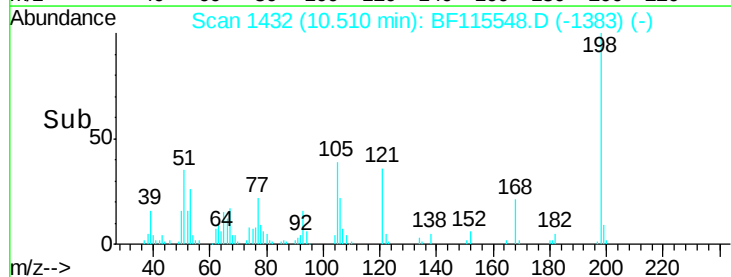
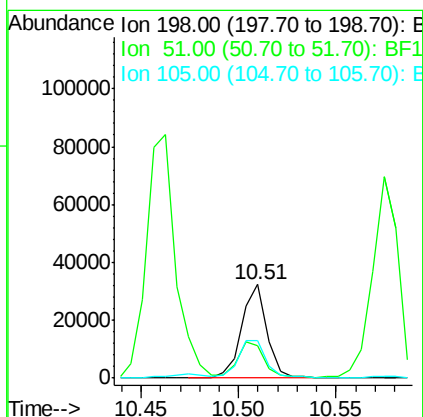
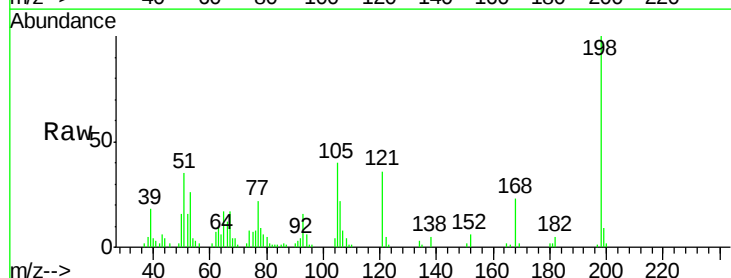
Instrument :
BNA_F
ClientSampleId :

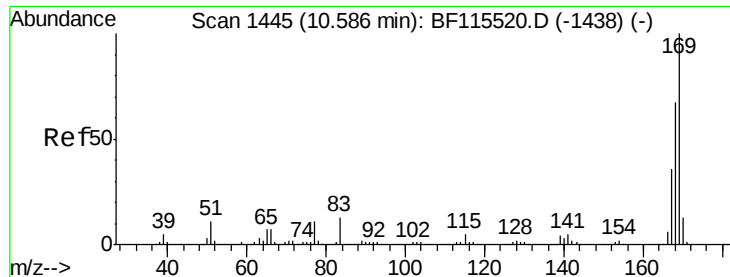
Tot Ion:188 Resp: 453682
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.6
80 11.4 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 10.512 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion:198 Resp: 29137
Ion Ratio Lower Upper
198 100
51 35.2 19.1 59.1
105 39.8 23.6 63.6

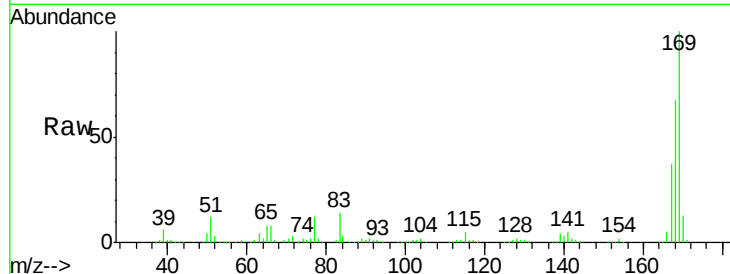




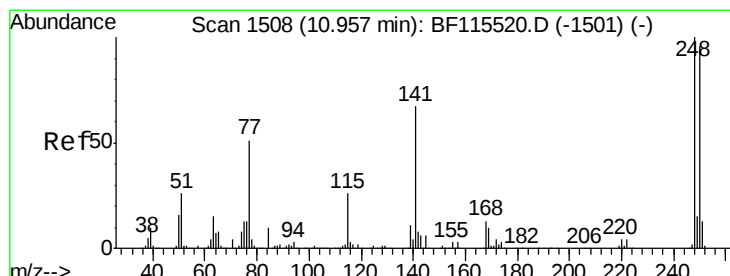
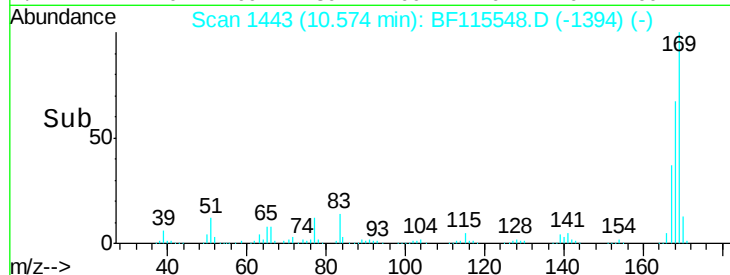
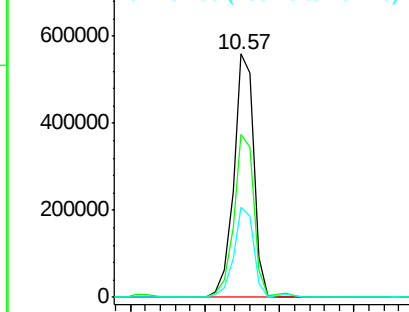
#66
 n-Nitrosodiphenylamine
 Concen: 37.442 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 528400
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.3 81.5
 167 36.9 30.2 45.2

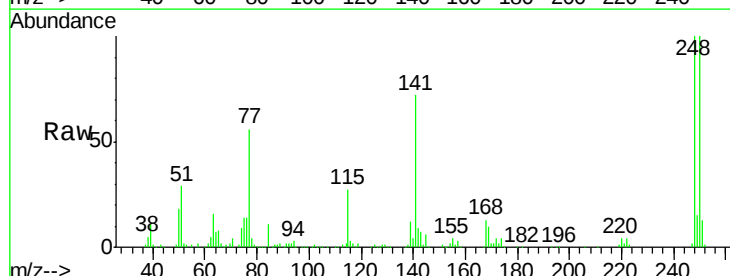


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

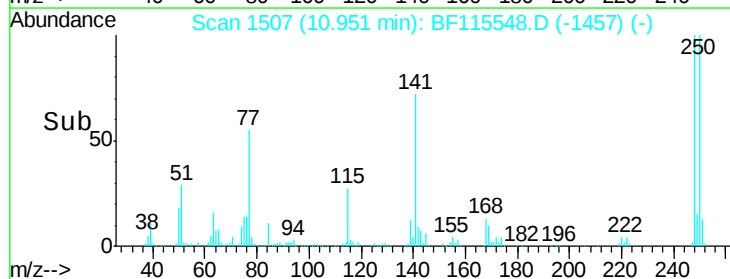
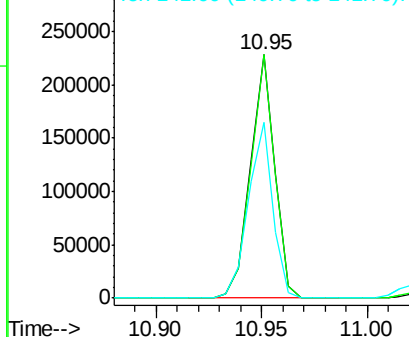


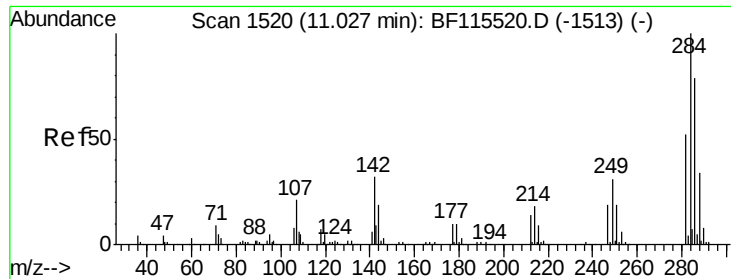
#67
 4-Bromophenyl-phenylether
 Concen: 35.362 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion:248 Resp: 183336
 Ion Ratio Lower Upper
 248 100
 250 99.9 78.0 117.0
 141 72.2 57.7 86.5



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

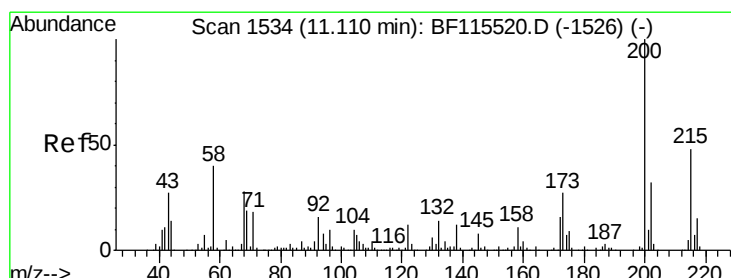
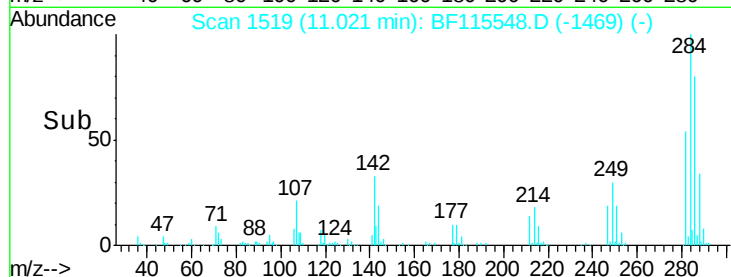
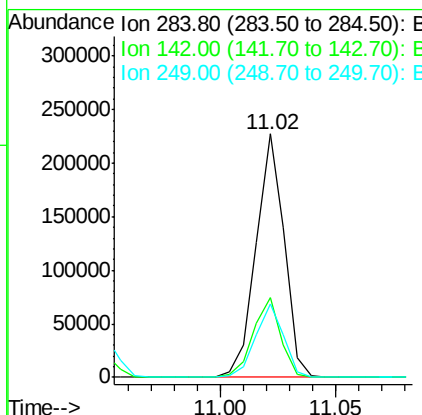
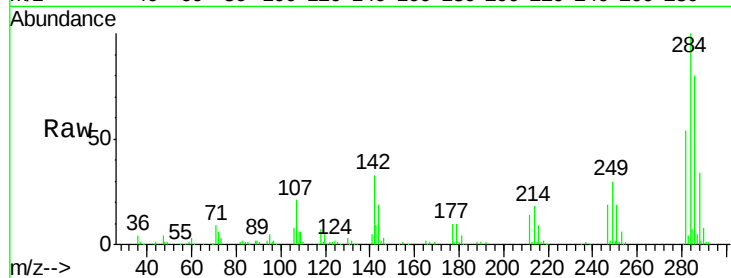




#68
Hexachlorobenzene
Concen: 32.719 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

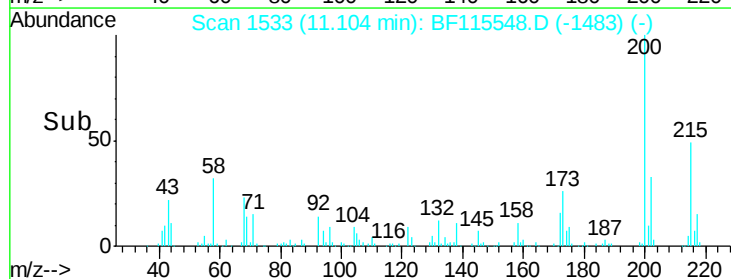
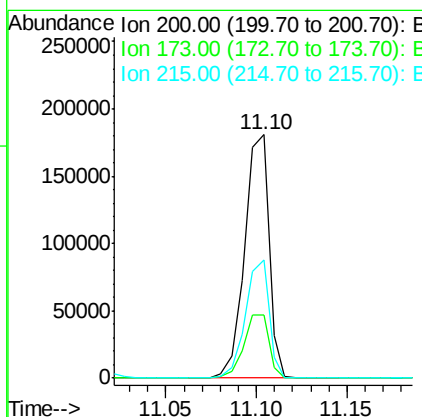
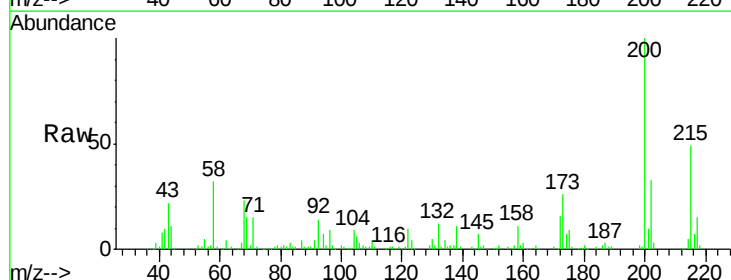
Instrument :
BNA_F
ClientSampleId :

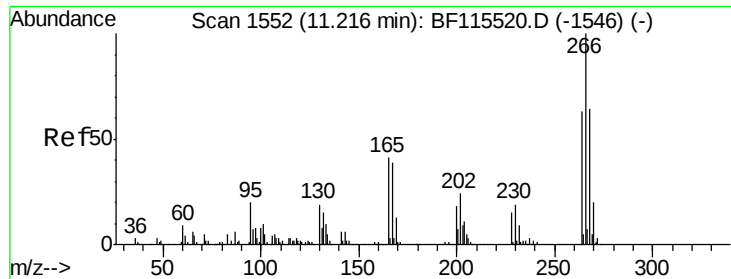
Tot Ion:284 Resp: 193717
Ion Ratio Lower Upper
284 100
142 32.6 22.2 33.2
249 29.9 23.4 35.2



#69
Atrazine
Concen: 36.516 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion:200 Resp: 169057
Ion Ratio Lower Upper
200 100
173 26.0 6.9 46.9
215 48.5 27.9 67.9

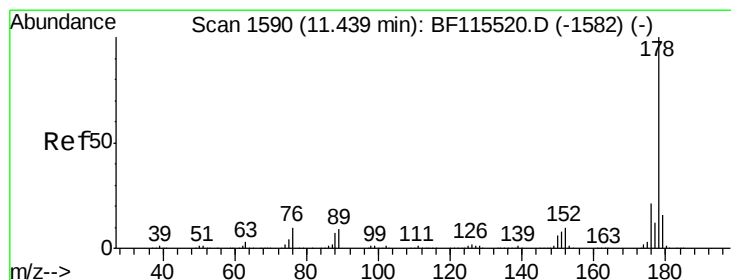
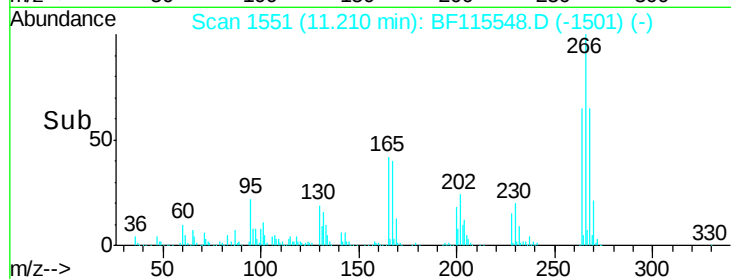
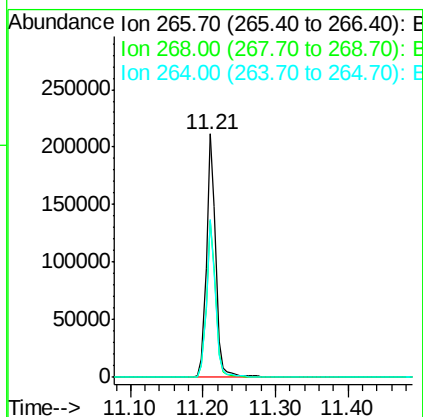
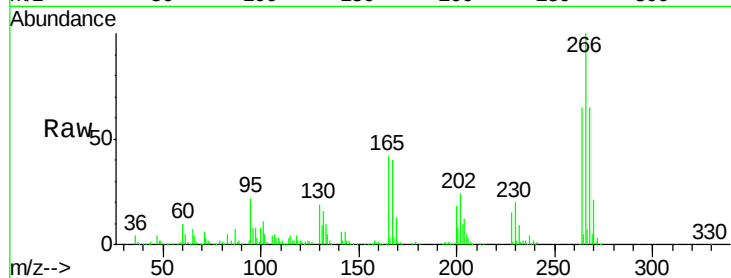




#70
 Pentachlorophenol
 Concen: 52.415 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

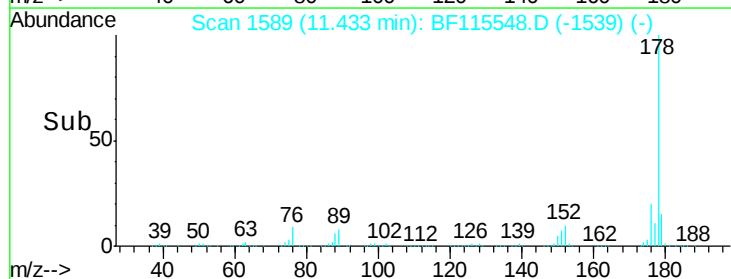
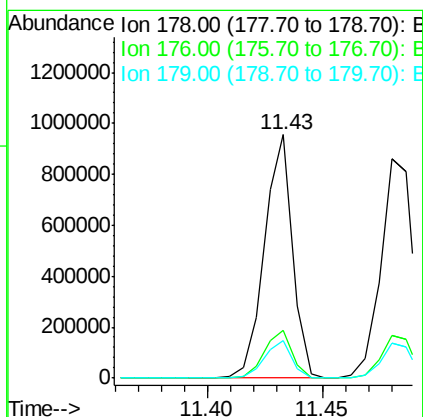
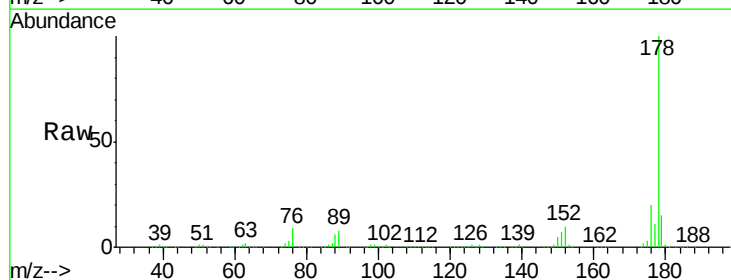
Instrument :
 BNA_F
 ClientSampled :

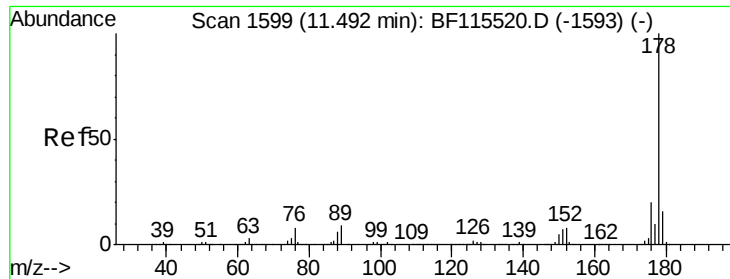
Tot Ion:266 Resp: 189806
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.6 77.4
 264 64.8 50.6 76.0



#71
 Phenanthrene
 Concen: 34.734 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion:178 Resp: 807746
 Ion Ratio Lower Upper
 178 100
 176 19.6 17.2 25.8
 179 15.2 13.5 20.3

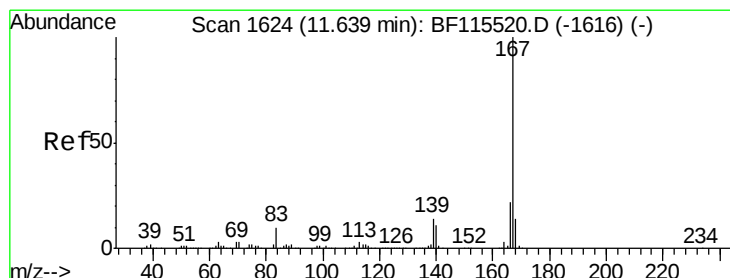
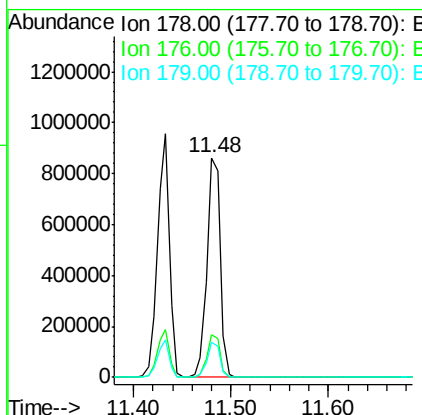
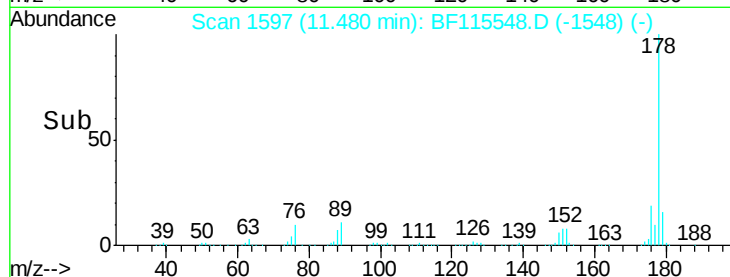
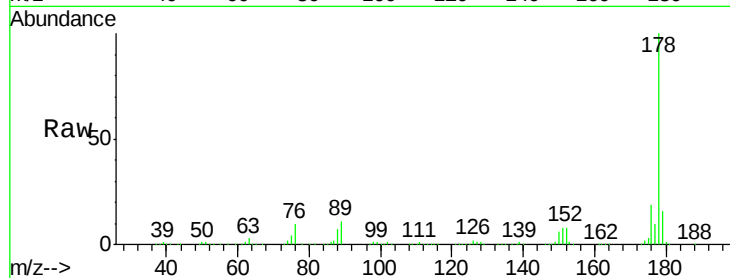




#72
 Anthracene
 Concen: 34.154 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

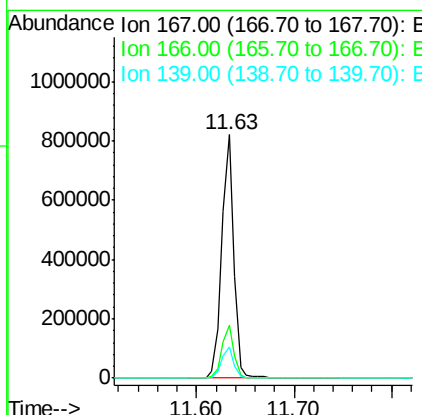
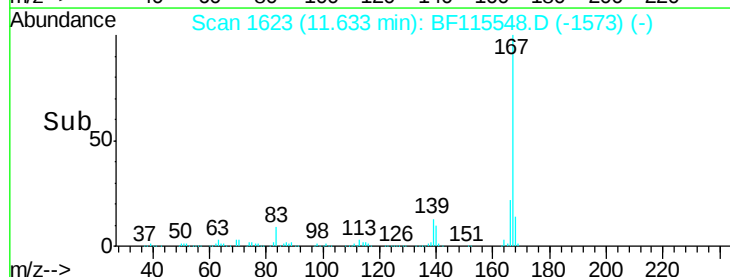
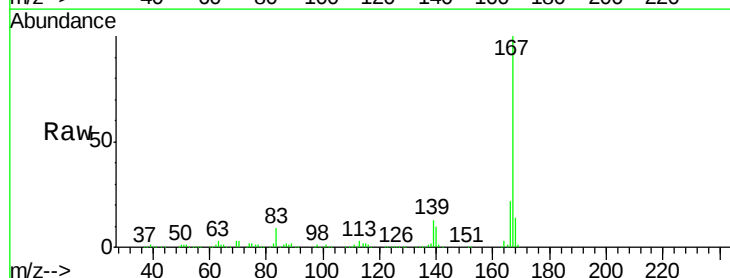
Instrument :
 BNA_F
 ClientSampleId :

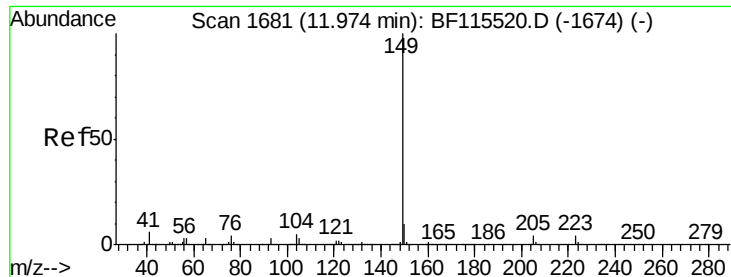
Tot Ion:178 Resp: 820848
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 15.7 12.7 19.1



#73
 Carbazole
 Concen: 33.521 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115548.D
 Acq: 13 Jul 2019 1:13

Tgt Ion:167 Resp: 706466
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.7 11.3 16.9





#74

Di-n-butylphthalate

Concen: 36.238 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

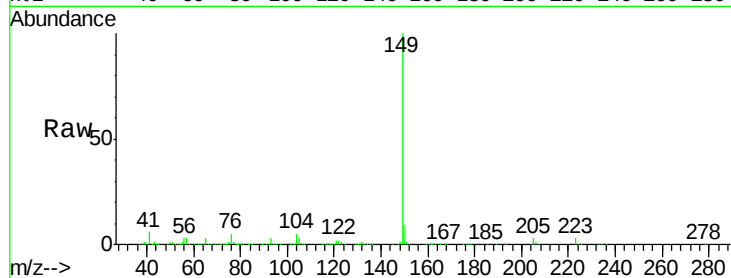
Tot Ion:149 Resp: 940740

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

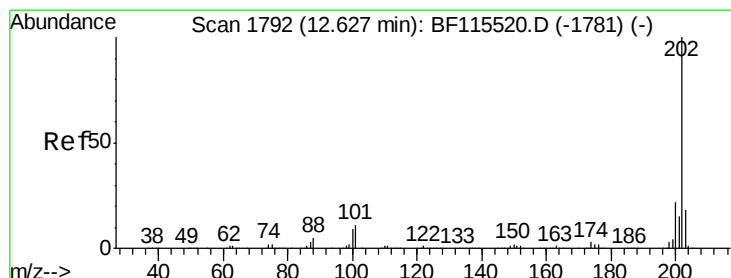
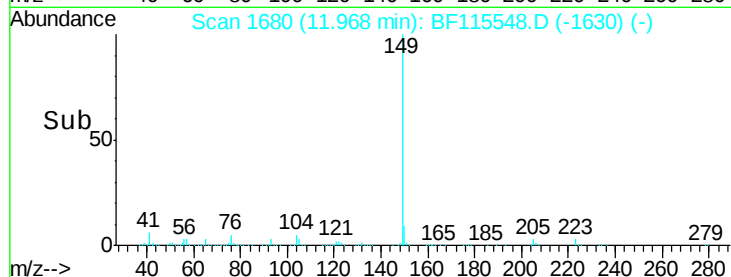
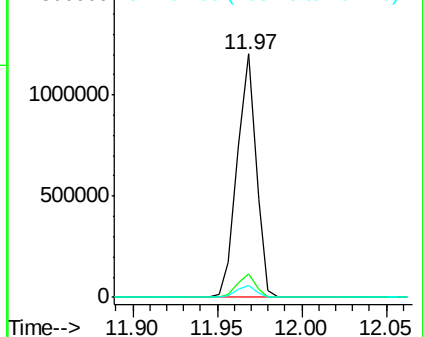
104 4.8 3.8 5.8



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: 30.678 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

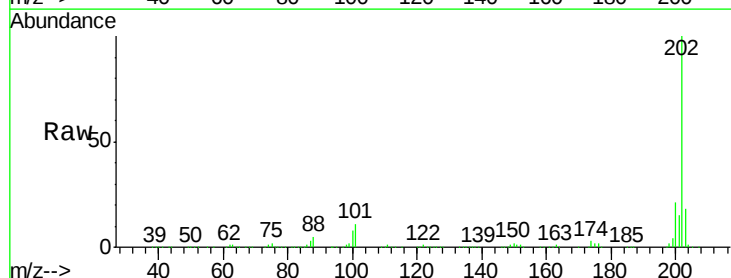
Tgt Ion:202 Resp: 753902

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

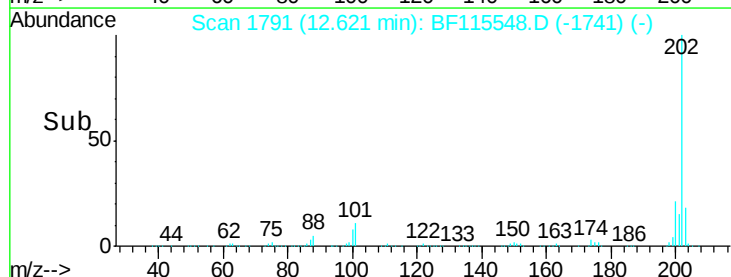
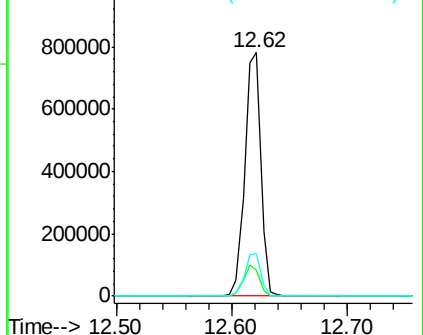
203 17.5 0.0 38.1

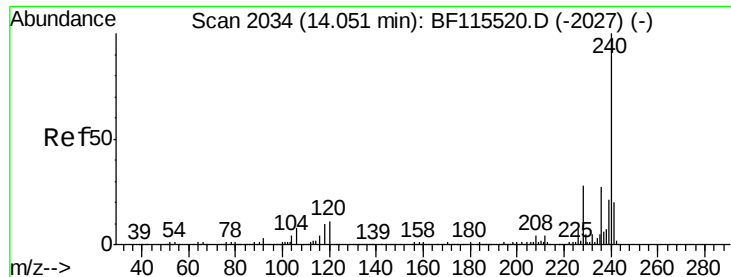


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

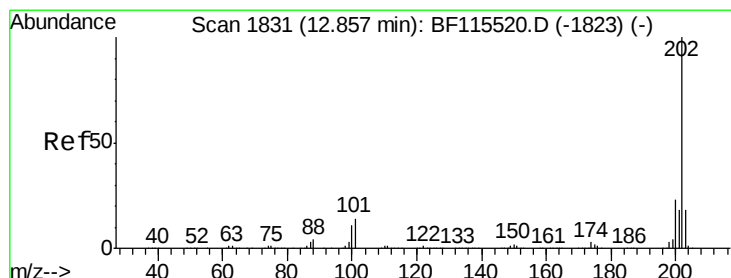
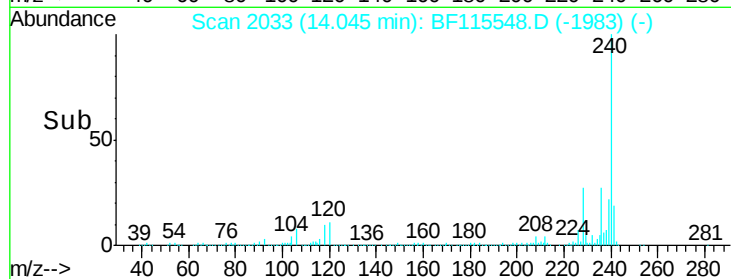
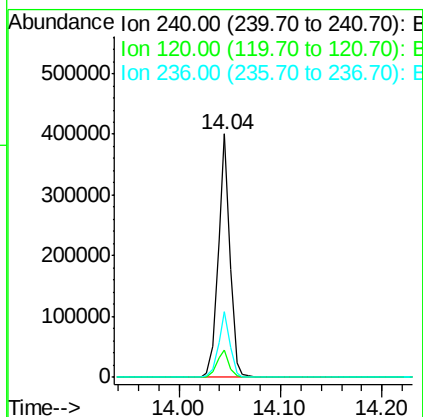
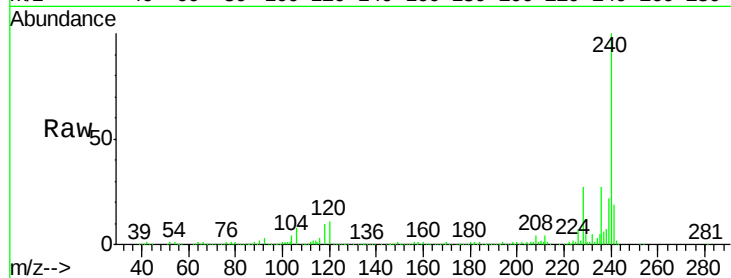




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

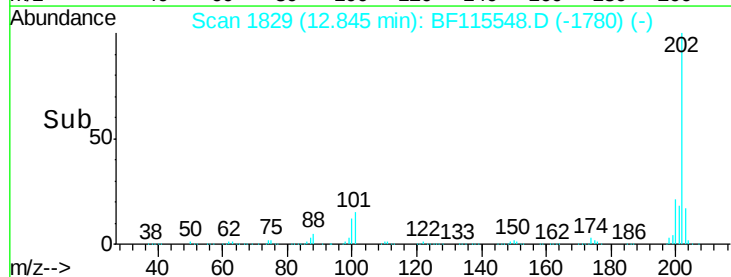
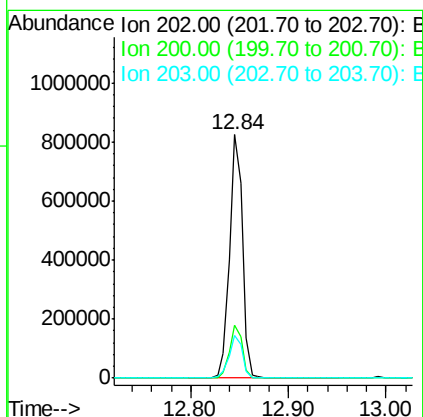
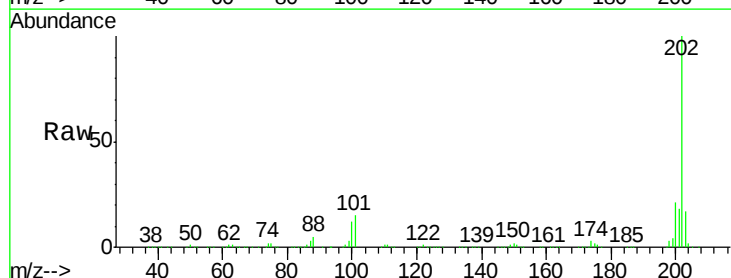
Instrument :
BNA_F
ClientSampleId :

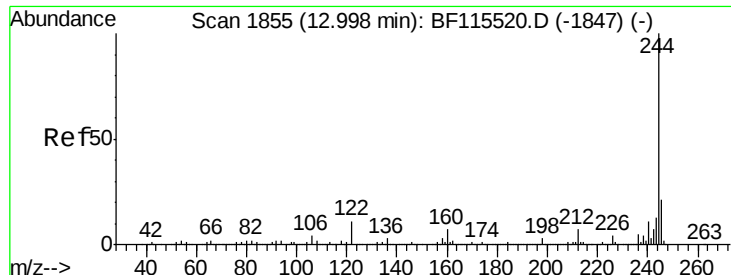
Tot Ion:240 Resp: 318986
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 26.8 21.3 31.9



#78
Pyrene
Concen: 28.007 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion:202 Resp: 756912
Ion Ratio Lower Upper
202 100
200 21.5 18.7 28.1
203 17.4 15.2 22.8





#79

Terphenyl-d14

Concen: 63.930 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

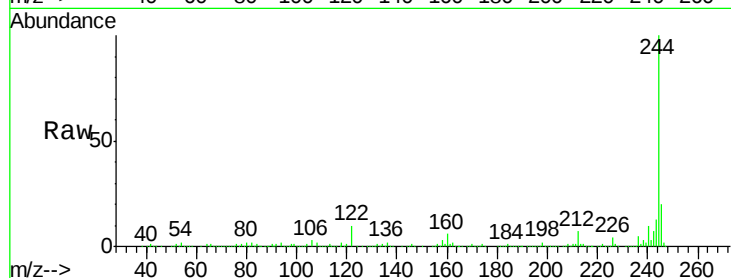
Tot Ion:244 Resp: 1105193

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

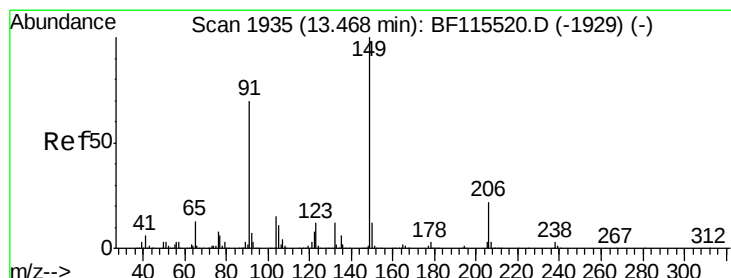
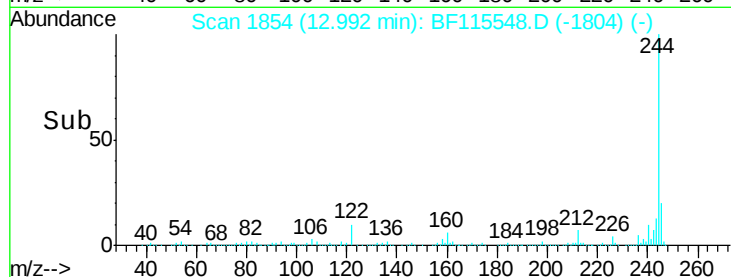
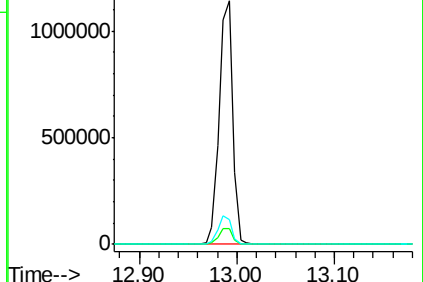
122 10.4 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 28.581 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

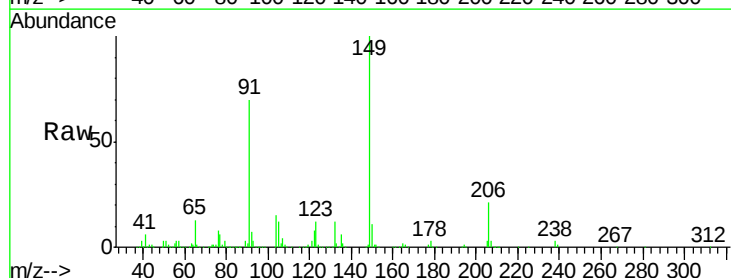
Tgt Ion:149 Resp: 329285

Ion Ratio Lower Upper

149 100

91 70.5 55.8 83.8

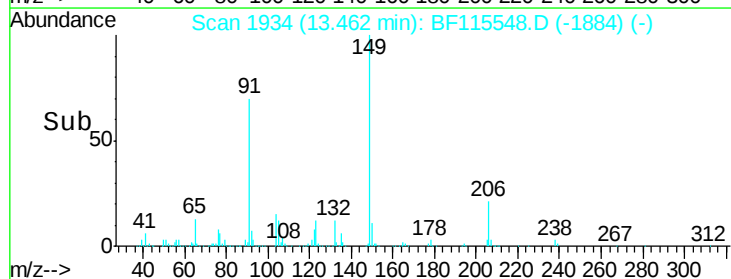
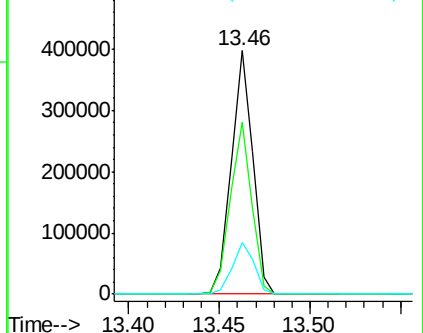
206 21.1 18.2 27.2

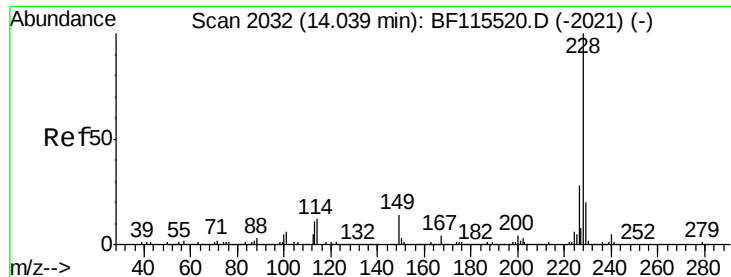


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

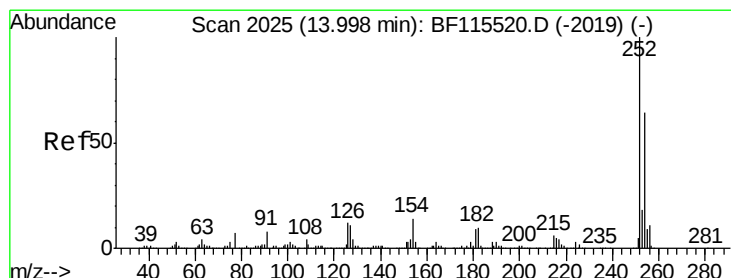
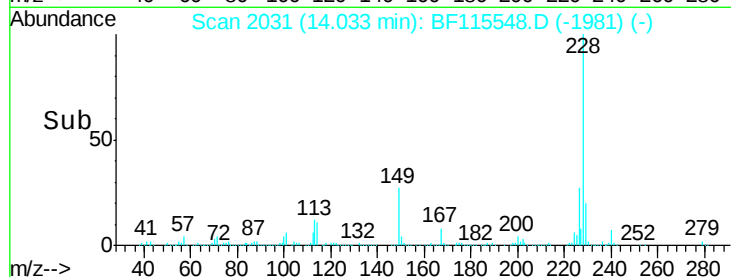
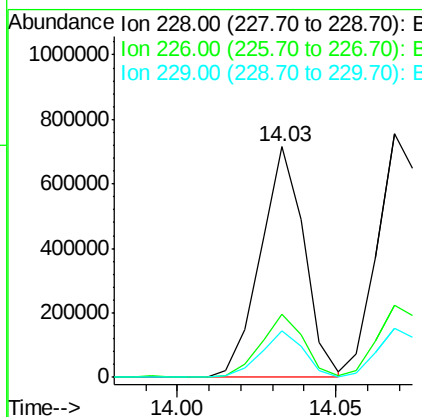
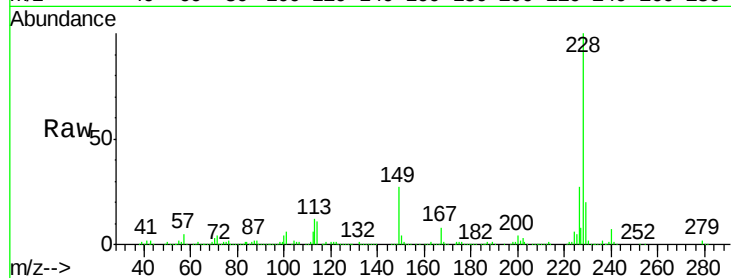




#81
Benzo(a)anthracene
Concen: 32.524 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

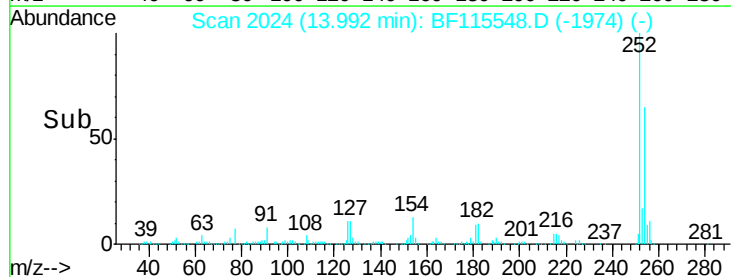
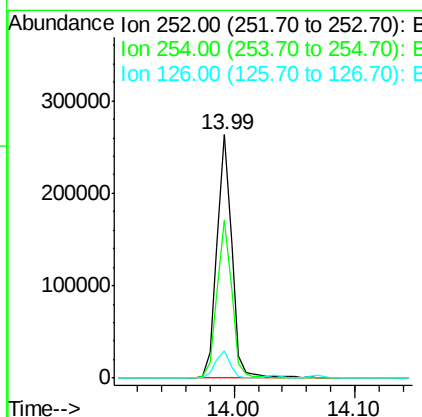
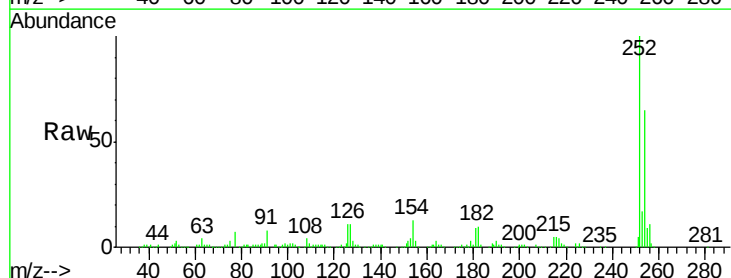
Instrument :
BNA_F
ClientSampled :

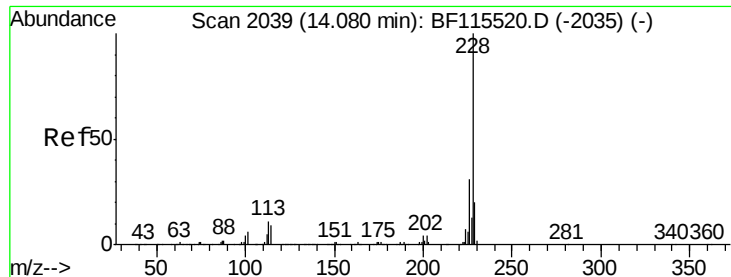
Tot Ion:228 Resp: 683480
Ion Ratio Lower Upper
228 100
226 27.5 23.4 35.0
229 20.0 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 29.811 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion:252 Resp: 222710
Ion Ratio Lower Upper
252 100
254 64.9 52.9 79.3
126 11.4 9.9 14.9





#83

Chrvsene

Concen: 33.351 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampled :

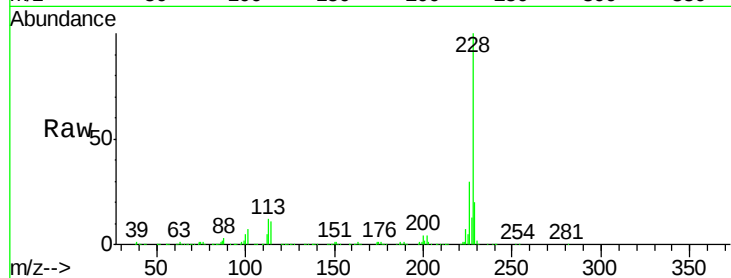
Tot Ion:228 Resp: 703572

Ion Ratio Lower Upper

228 100

226 29.7 25.7 38.5

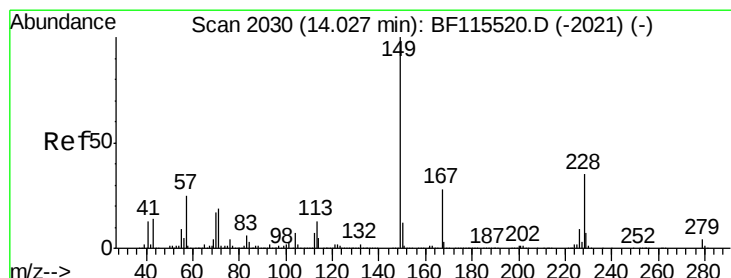
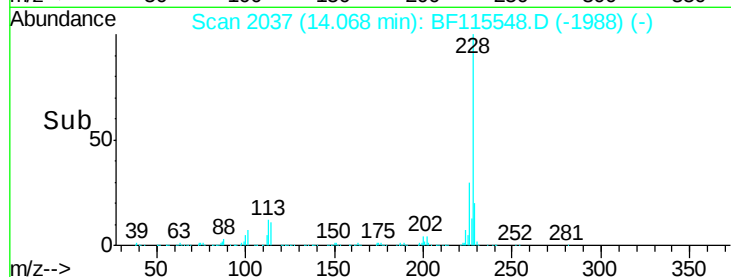
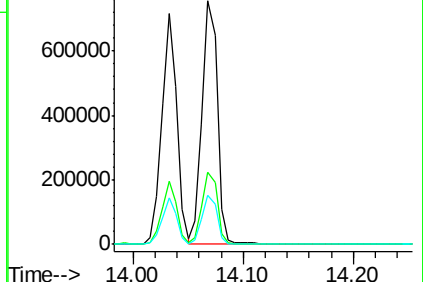
229 20.3 16.6 25.0



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: 32.301 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

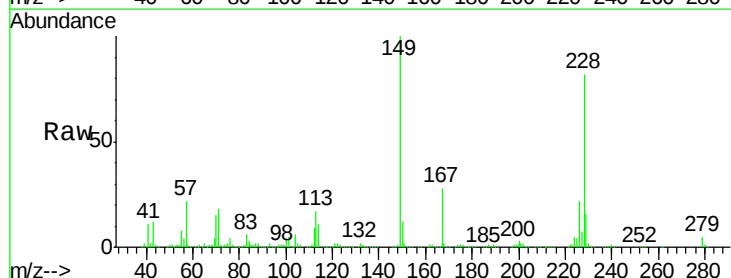
Tgt Ion:149 Resp: 460962

Ion Ratio Lower Upper

149 100

167 28.1 23.0 34.4

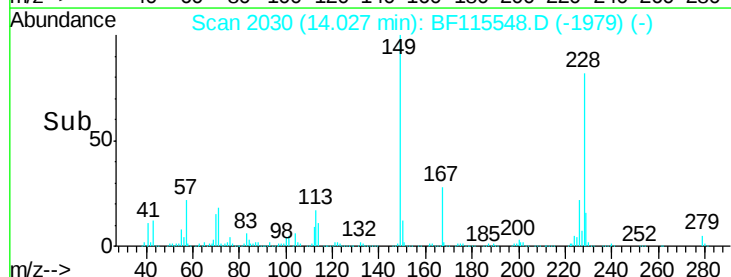
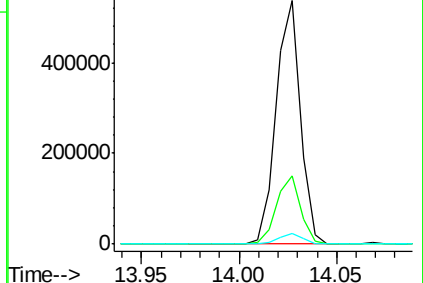
279 4.6 4.2 6.2

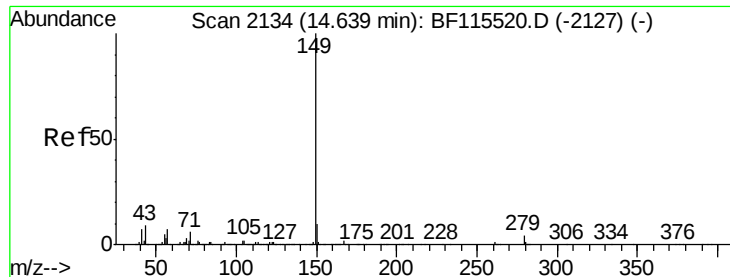


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.441 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

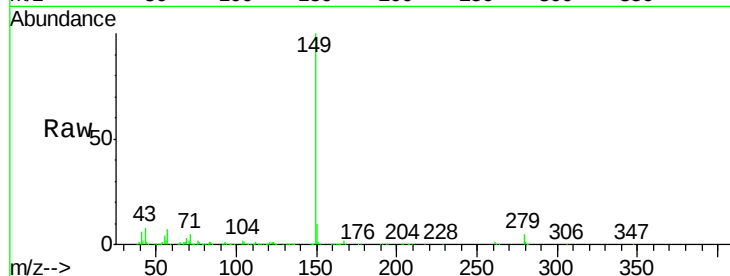
Tot Ion:149 Resp: 827430

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

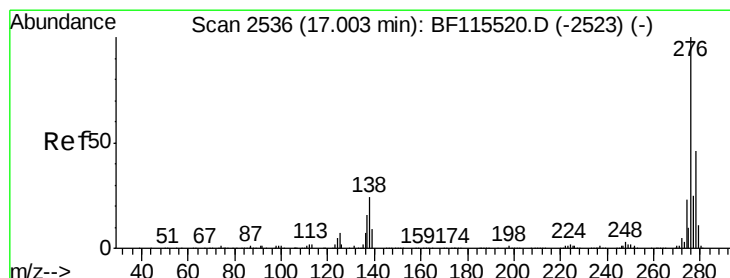
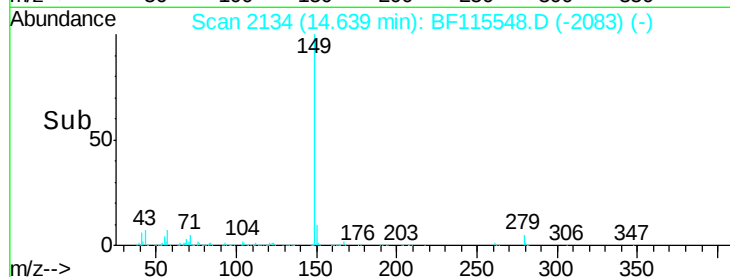
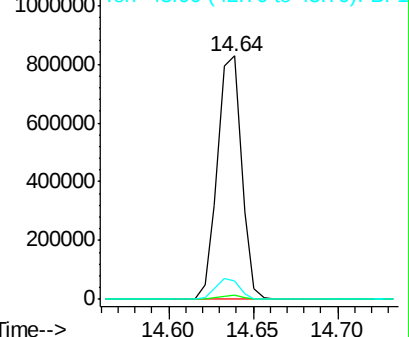
43 8.3 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.308 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

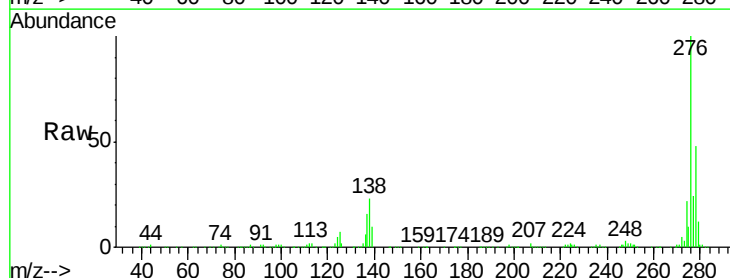
Tgt Ion:276 Resp: 614888

Ion Ratio Lower Upper

276 100

138 25.6 20.2 30.2

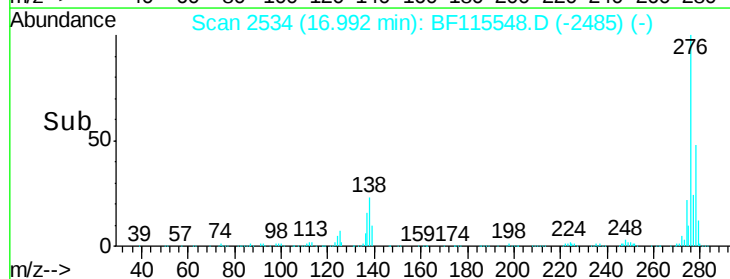
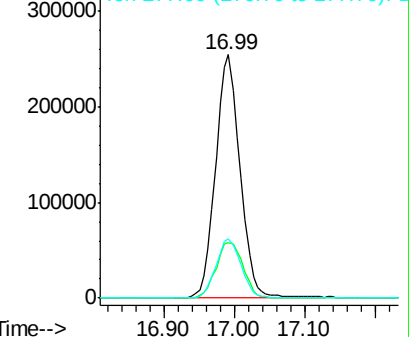
277 25.2 20.4 30.6

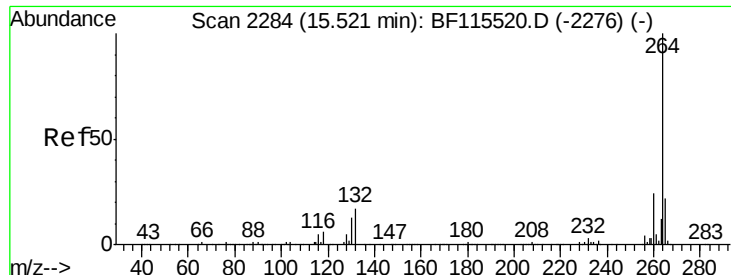


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

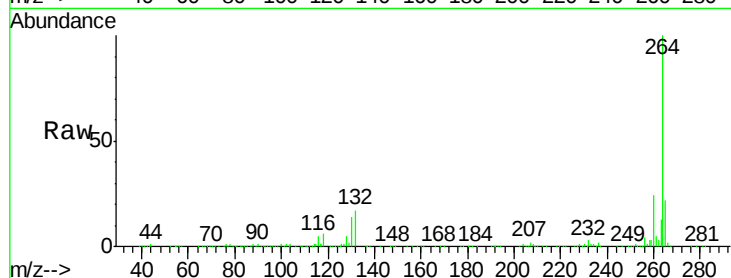
Tot Ion:264 Resp: 371222

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.8

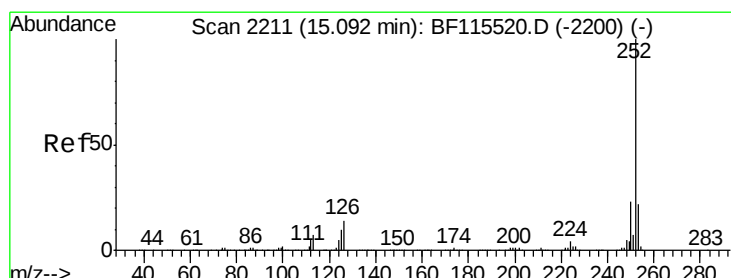
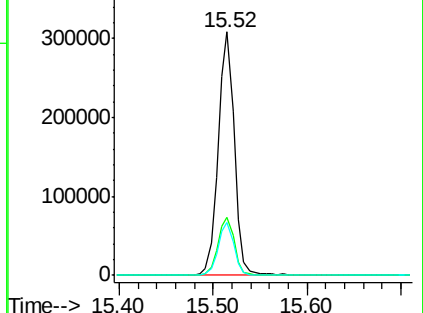
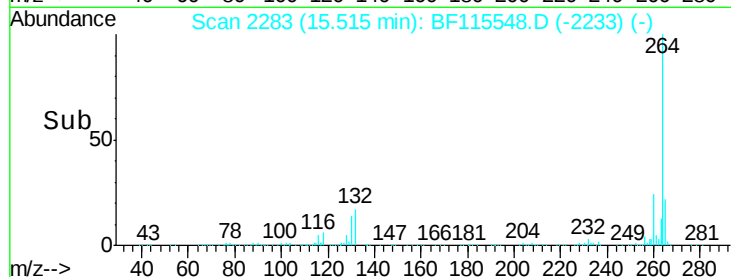
265 21.9 17.7 26.5



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: 30.680 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

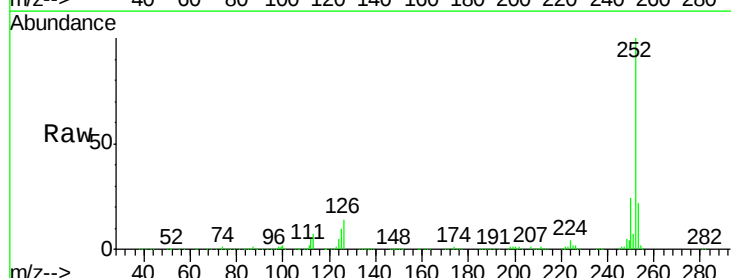
Tgt Ion:252 Resp: 733366

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

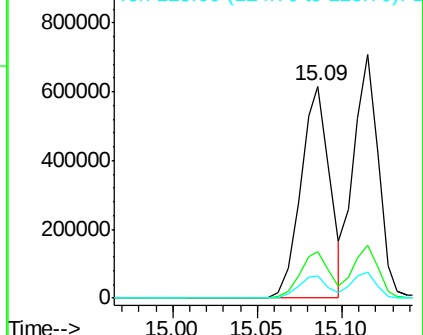
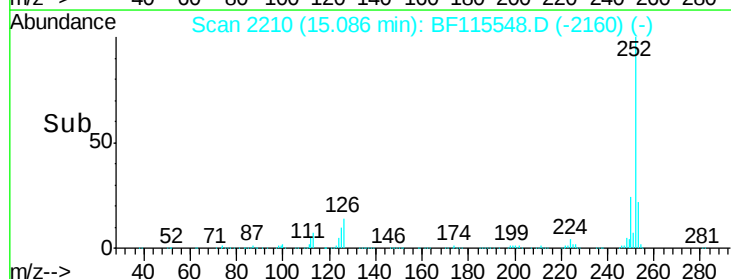
125 10.4 9.0 13.4

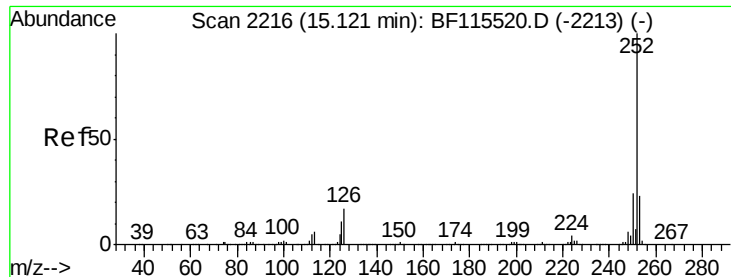


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

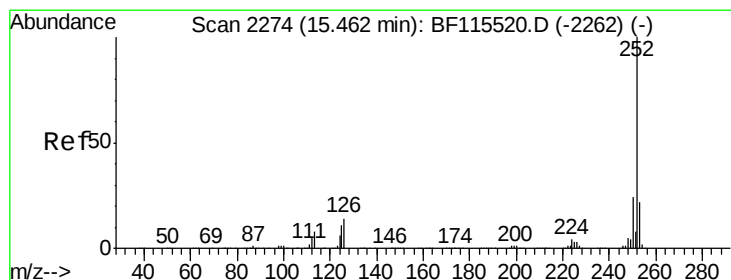
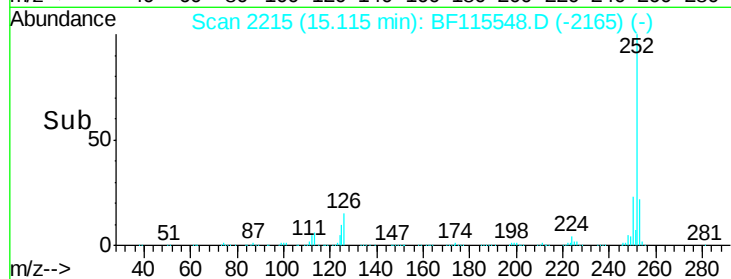
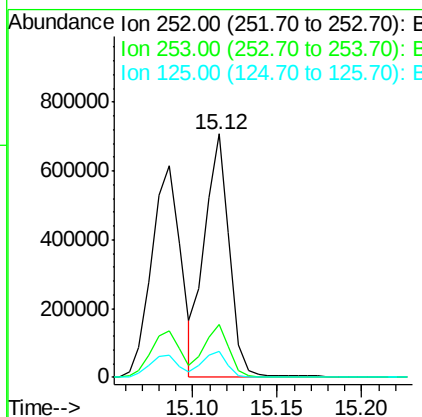
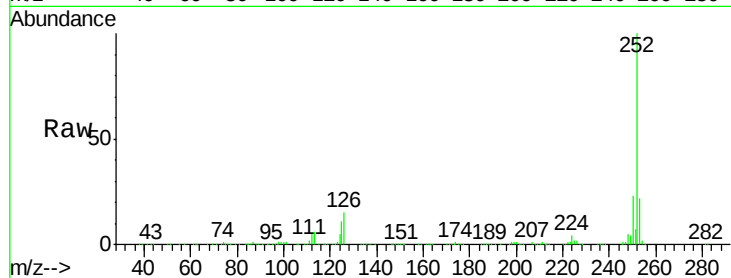




#89
Benzo(k)fluoranthene
Concen: 33.690 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

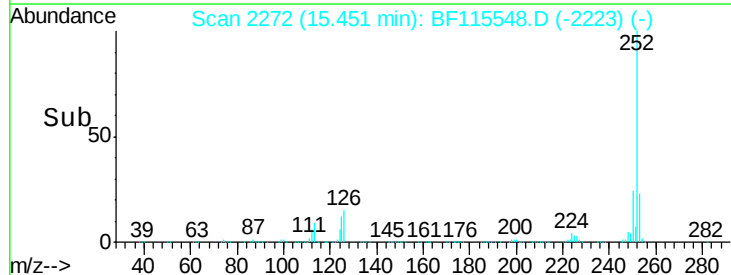
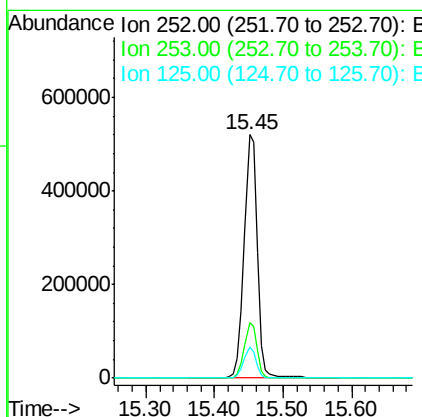
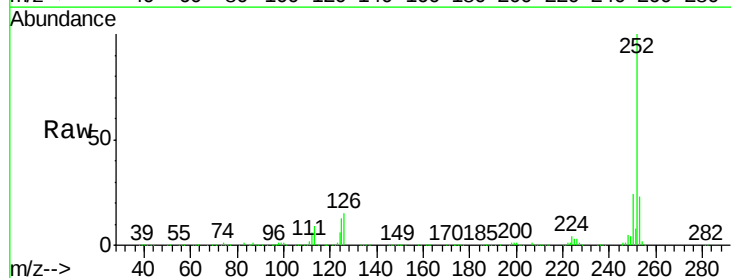
Instrument :
BNA_F
ClientSampleId :

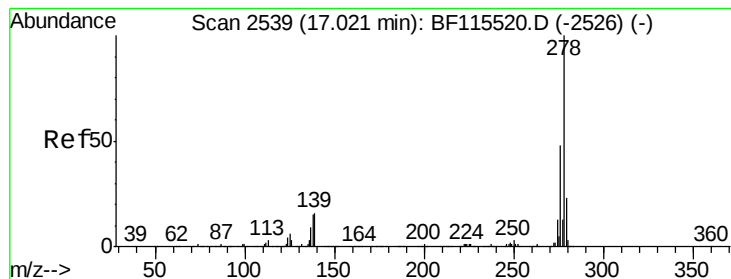
Tot Ion:252 Resp: 717979
Ion Ratio Lower Upper
252 100
253 21.7 18.6 28.0
125 10.6 9.0 13.6



#90
Benzo(a)pyrene
Concen: 33.320 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115548.D
Acq: 13 Jul 2019 1:13

Tgt Ion:252 Resp: 684557
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 12.6 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 29.220 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

Instrument :

BNA_F

ClientSampleId :

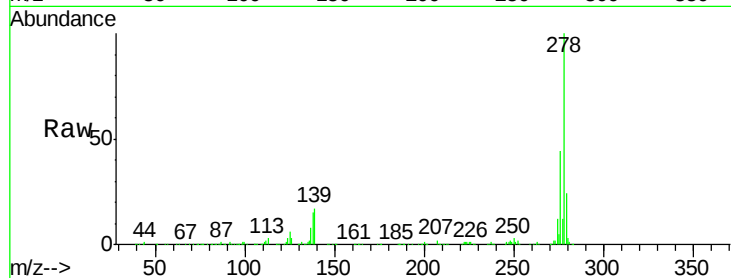
Tot Ion:278 Resp: 527034

Ion Ratio Lower Upper

278 100

139 16.6 13.1 19.7

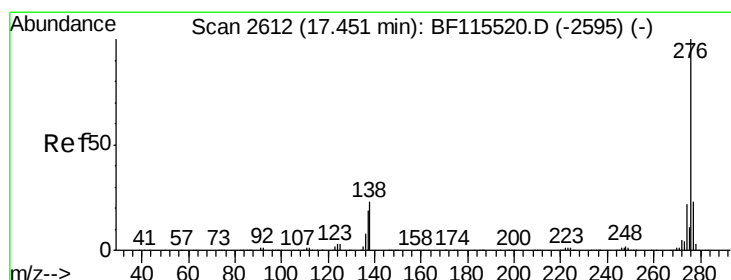
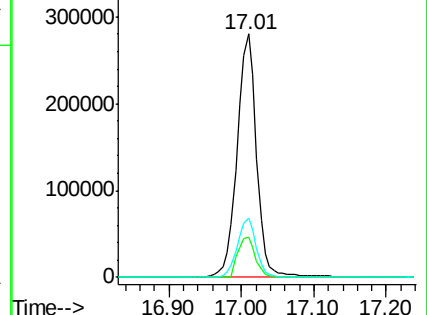
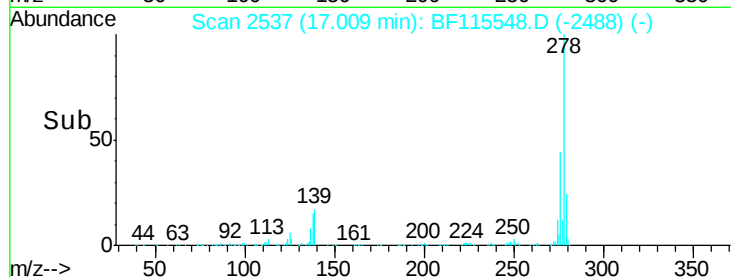
279 24.3 19.6 29.4



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: 26.182 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF115548.D

Acq: 13 Jul 2019 1:13

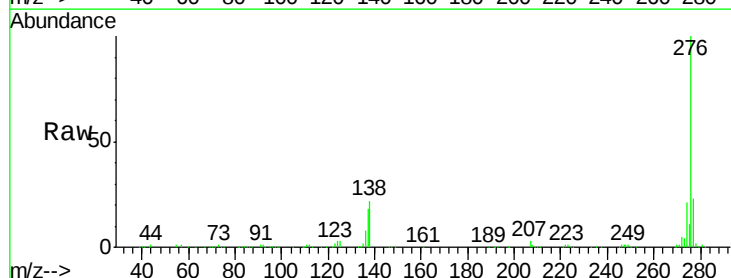
Tgt Ion:276 Resp: 470971

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.4

138 22.1 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

