

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115547.D
 Acq On : 13 Jul 2019 00:45
 Operator : HP/JU
 Sample : K3768-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 03:42:45 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	145774	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	548838	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	251220	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	419145	20.00	ng	0.00
76) Chrysene-d12	14.04	240	292858	20.00	ng	0.00
87) Perylene-d12	15.52	264	339301	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1164685	130.69	ng	0.01
7) Phenol-d6	6.52	99	1511743	133.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	966257	102.37	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	355704	121.30	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1662047	115.80	ng	0.00
79) Terphenyl-d14	12.99	244	1377585	86.80	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.73	88	164209	36.939 ng	99
4) n-Nitrosodimethylamine	3.42	42	177698	40.612 ng	98
6) Aniline	6.55	93	183955	11.689 ng	99
8) 2-Chlorophenol	6.67	128	440210	42.963 ng	96
9) Benzaldehyde	6.43	77	265805	37.614 ng	95
10) Phenol	6.53	94	531536	40.491 ng	84
11) bis(2-Chloroethyl)ether	6.62	93	421651	42.188 ng	98
12) 1,3-Dichlorobenzene	6.83	146	474261	41.168 ng	99
13) 1,4-Dichlorobenzene	6.90	146	479496	41.716 ng	98
14) 1,2-Dichlorobenzene	7.06	146	448045	42.642 ng	97
15) Benzyl Alcohol	7.02	79	397437	44.304 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	556487	42.292 ng	97
17) 2-Methylphenol	7.13	107	375904	42.571 ng	99
18) Hexachloroethane	7.40	117	164597	38.581 ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	305516	41.425 ng	97
20) 3+4-Methylphenols	7.29	107	443969	42.329 ng	98
22) Acetophenone	7.29	105	606060	48.880 ng	# 93
24) Nitrobenzene	7.46	77	472819	46.443 ng	96
25) Isophorone	7.70	82	857605	45.406 ng	99
26) 2-Nitrophenol	7.78	139	227826	43.477 ng	97
27) 2,4-Dimethylphenol	7.82	122	388445	49.543 ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	541042	46.694 ng	98
29) 2,4-Dichlorophenol	8.02	162	373530	45.809 ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	417676	45.315 ng	98
31) Naphthalene	8.19	128	1258015	47.329 ng	97
32) Benzoic acid	7.87	122	23857	3.708 ng	94
33) 4-Chloroaniline	8.23	127	212650	18.061 ng	99
34) Hexachlorobutadiene	8.31	225	233998	44.270 ng	99
35) Caprolactam	8.59	113	45967	18.243 ng	98
36) 4-Chloro-3-methylphenol	8.71	107	380931	45.036 ng	99
37) 2-Methylnaphthalene	8.88	142	826430	46.905 ng	98
38) 1-Methylnaphthalene	8.98	142	775831	46.358 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	382757	50.595 ng	98
41) Hexachlorocyclopentadiene	9.04	237	171360	39.709 ng	99

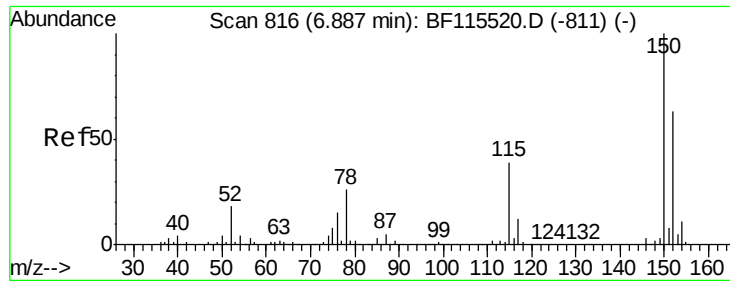
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115547.D
 Acq On : 13 Jul 2019 00:45
 Operator : HP/JU
 Sample : K3768-01MS
 Misc :
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Instrument :
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Quant Time: Jul 13 03:42:45 2019
 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	253947	45.902	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	259246	45.757	ng	97
46) 1,1'-Biphenyl	9.35	154	997843	50.806	ng	98
47) 2-Chloronaphthalene	9.37	162	783264	47.896	ng	98
48) 2-Nitroaniline	9.46	65	232125	45.860	ng	98
49) Acenaphthylene	9.79	152	1165043	48.079	ng	98
50) Dimethylphthalate	9.65	163	1202900	63.642	ng	99
51) 2,6-Dinitrotoluene	9.70	165	203095	47.282	ng	90
52) Acenaphthene	9.96	154	692212	44.247	ng	99
53) 3-Nitroaniline	9.87	138	173952	35.438	ng	95
54) 2,4-Dinitrophenol	9.97	184	21016	9.530	ng	# 1
55) Dibenzofuran	10.13	168	1022820	46.038	ng	99
56) 4-Nitrophenol	10.03	139	282749	75.540	ng	95
57) 2,4-Dinitrotoluene	10.10	165	249352	44.808	ng	94
58) Fluorene	10.47	166	734334	46.235	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	190538	40.230	ng	99
60) Diethylphthalate	10.35	149	858473	48.475	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	386900	43.927	ng	97
62) 4-Nitroaniline	10.48	138	188123	39.955	ng	99
63) Azobenzene	10.62	77	794006	46.224	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	32645	12.748	ng	100
66) n-Nitrosodiphenylamine	10.58	169	674862	51.761	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	232263	48.491	ng	99
68) Hexachlorobenzene	11.02	284	247648	45.274	ng	# 91
69) Atrazine	11.10	200	208343	48.710	ng	100
70) Pentachlorophenol	11.21	266	227874	68.112	ng	99
71) Phenanthrene	11.43	178	1019392	47.447	ng	98
72) Anthracene	11.49	178	1050538	47.313	ng	99
73) Carbazole	11.63	167	903704	46.412	ng	99
74) Di-n-butylphthalate	11.97	149	1181381	49.257	ng	100
75) Fluoranthene	12.62	202	960261	42.295	ng	100
78) Pyrene	12.85	202	968821	39.046	ng	97
80) Butylbenzylphthalate	13.46	149	423950	40.081	ng	98
81) Benzo(a)anthracene	14.03	228	847101	43.906	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	261409	38.113	ng	97
83) Chrysene	14.07	228	883928	45.638	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	587085	44.809	ng	99
85) Di-n-octyl phthalate	14.64	149	1058717	50.787	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	748841	45.509	ng	100
88) Benzo(b)fluoranthene	15.09	252	970603	44.425	ng	99
89) Benzo(k)fluoranthene	15.12	252	857778	44.036	ng	98
90) Benzo(a)pyrene	15.46	252	850186	45.275	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	653681	39.652	ng	98
92) Benzo(g,h,i)perylene	17.44	276	573471	34.880	ng	99

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

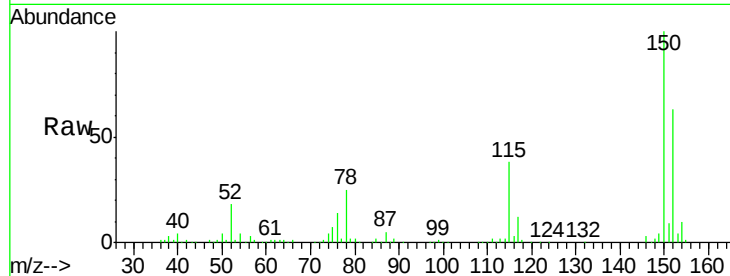


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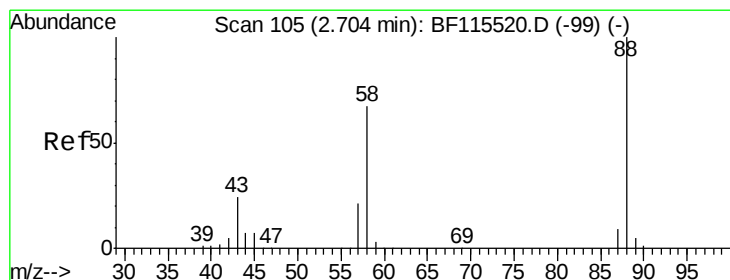
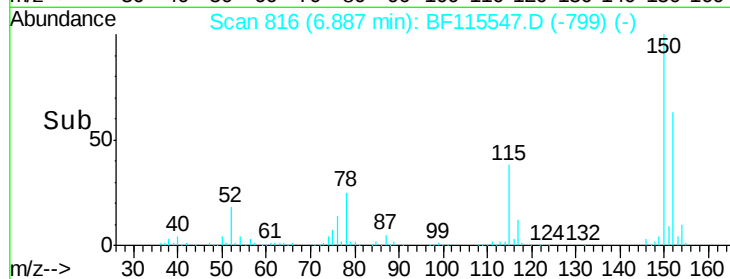
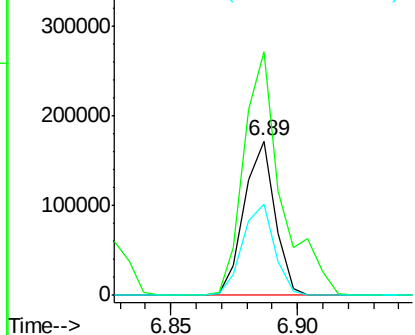
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145774
Ion Ratio Lower Upper
152 100
150 157.8 129.7 194.5
115 59.4 48.2 72.4



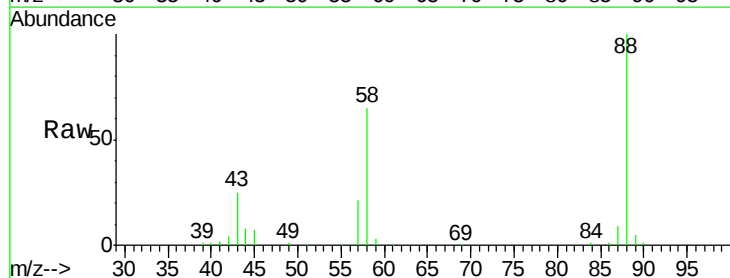
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



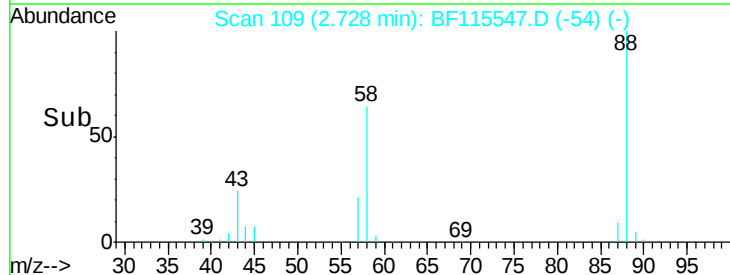
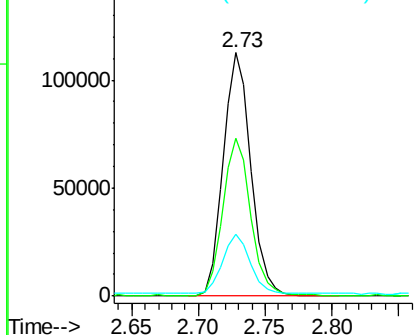
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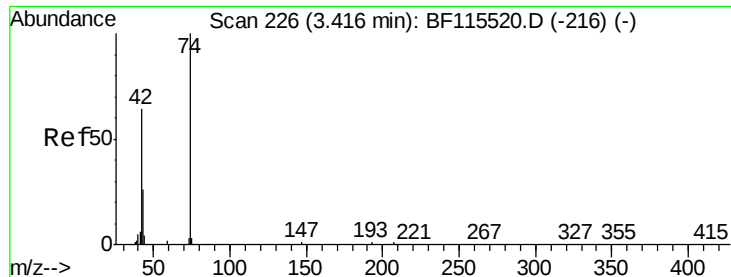
1,4-Dioxane
Concen: 36.939 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.02 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion: 88 Resp: 164209
Ion Ratio Lower Upper
88 100
58 64.5 52.6 79.0
43 24.4 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



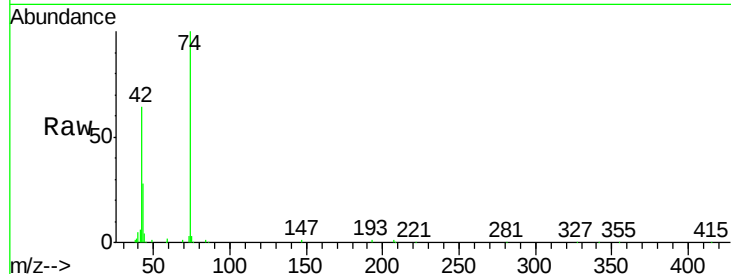


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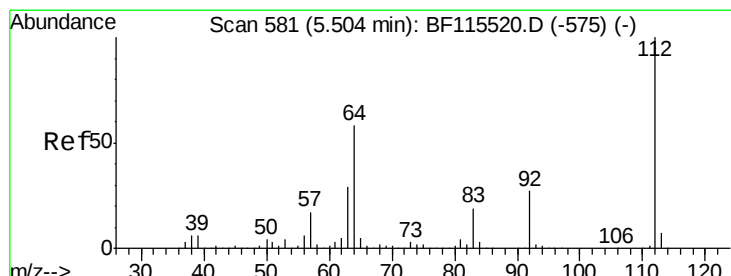
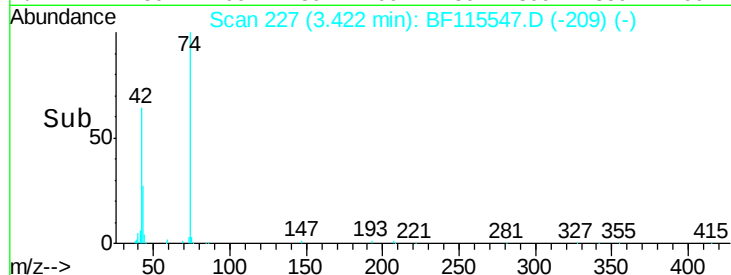
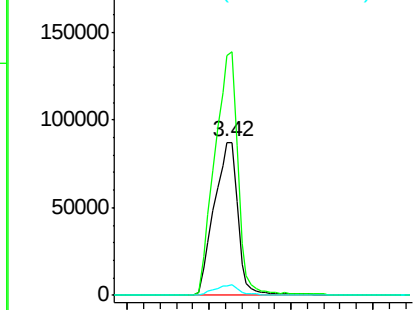
n-Nitrosodimethylamine
 Concen: 40.612 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 42 Resp: 177698
 Ion Ratio Lower Upper
 42 100
 74 156.4 127.5 191.3
 44 6.5 5.0 7.6



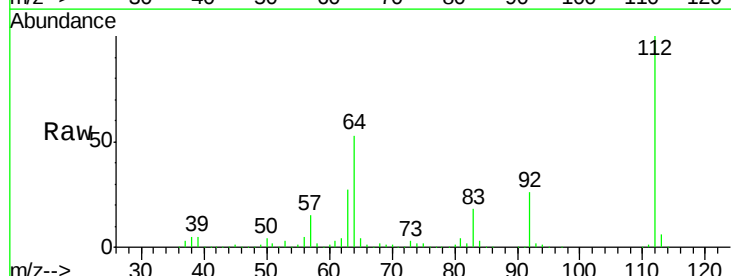
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



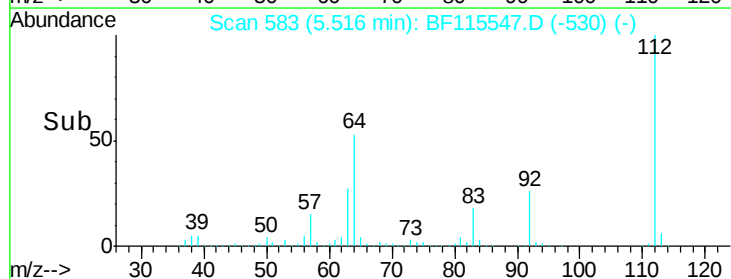
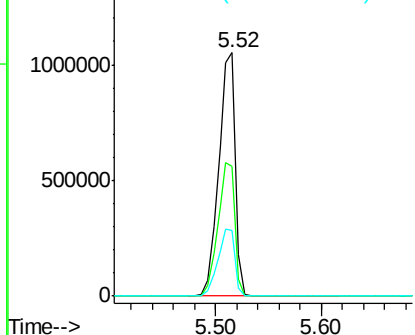
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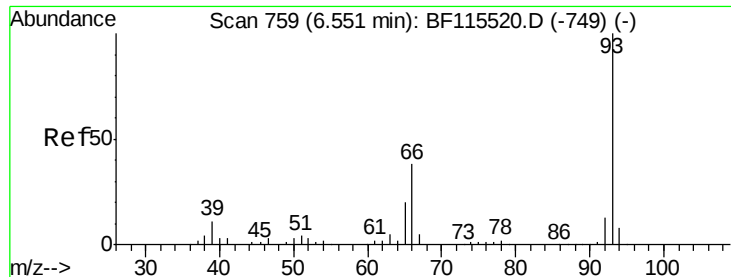
2-Fluorophenol
 Concen: 130.688 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion: 112 Resp: 1164685
 Ion Ratio Lower Upper
 112 100
 64 53.3 46.8 70.2
 63 27.2 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: 11.689 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

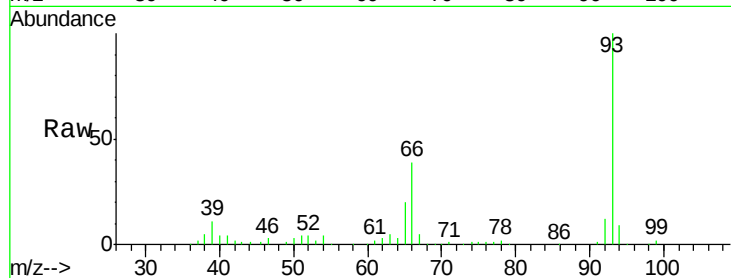
Tot Ion: 93 Resp: 183955

Ion Ratio Lower Upper

93 100

66 39.0 31.7 47.5

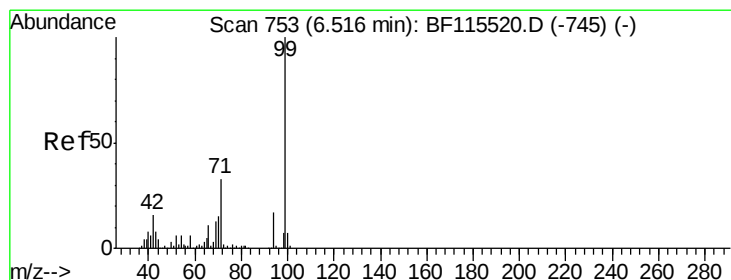
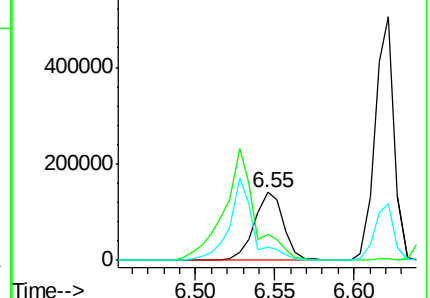
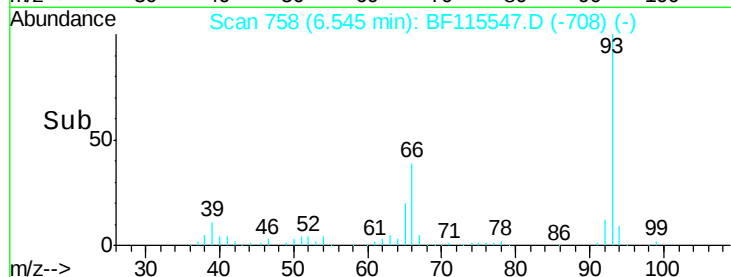
65 19.9 16.2 24.2



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: 133.685 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

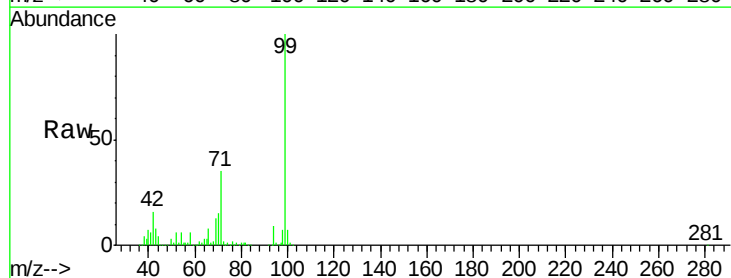
Tgt Ion: 99 Resp: 1511743

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

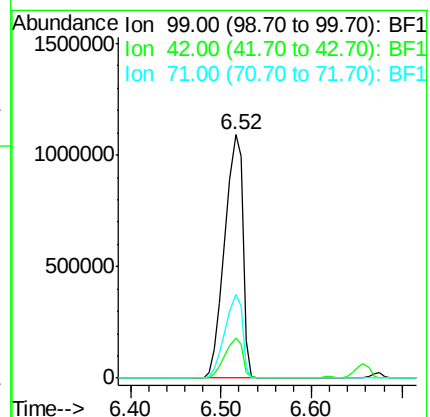
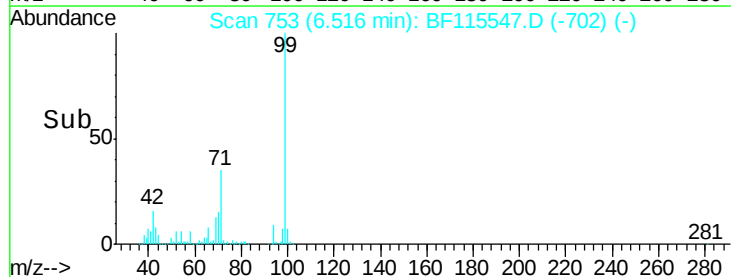
71 34.6 28.5 42.7

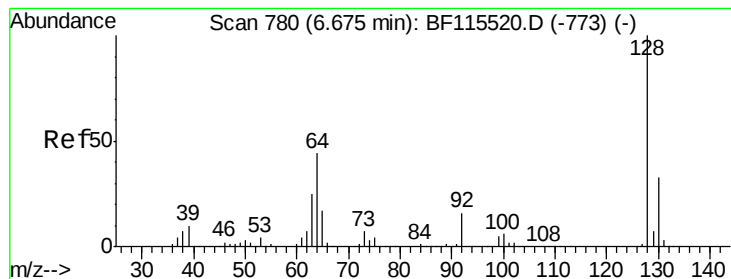


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 42.963 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

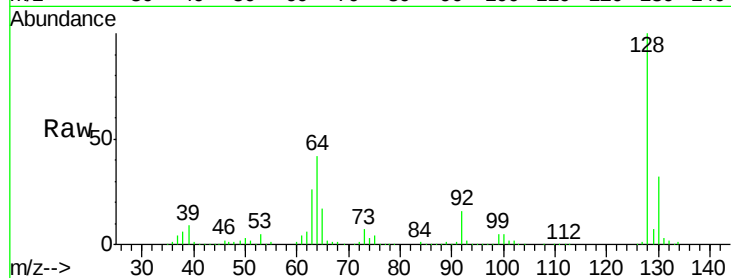
Tot Ion:128 Resp: 440210

Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

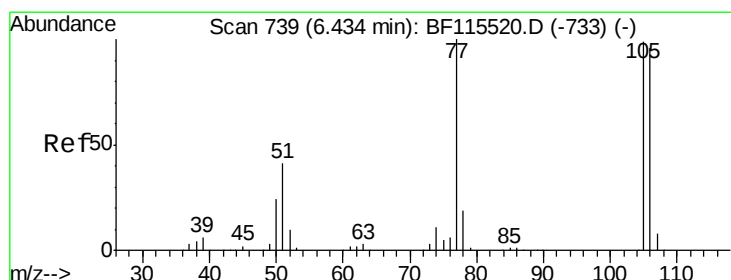
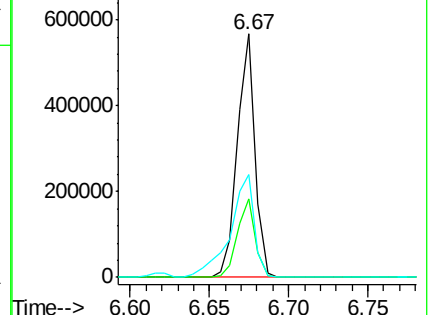
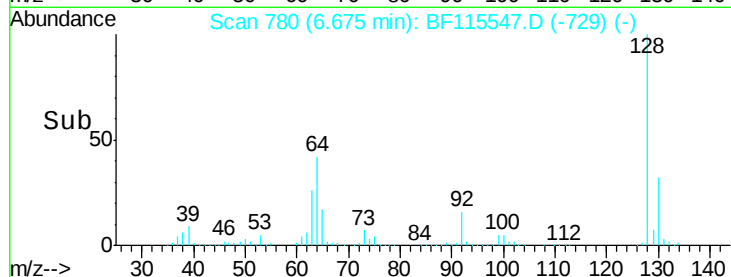
64 42.3 26.8 66.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 37.614 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

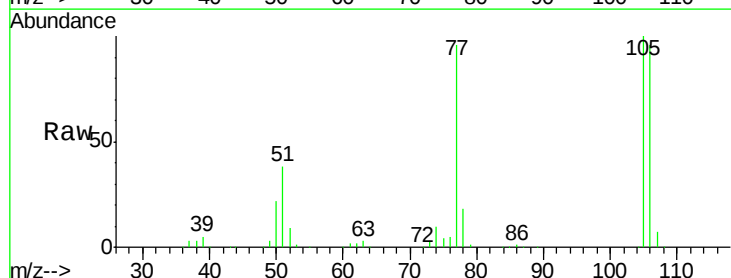
Tgt Ion: 77 Resp: 265805

Ion Ratio Lower Upper

77 100

105 104.5 78.8 118.8

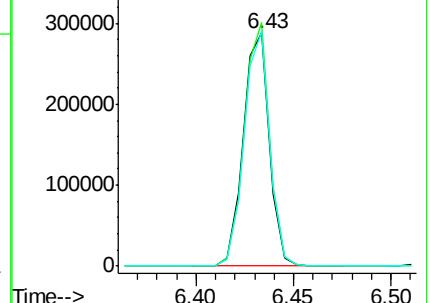
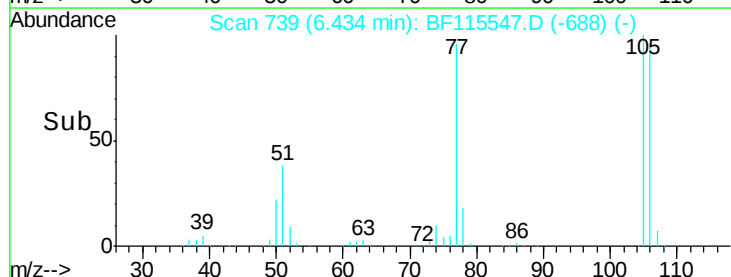
106 100.7 75.6 115.6

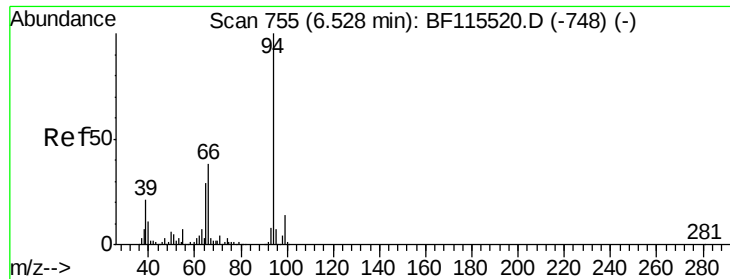


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 40.491 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

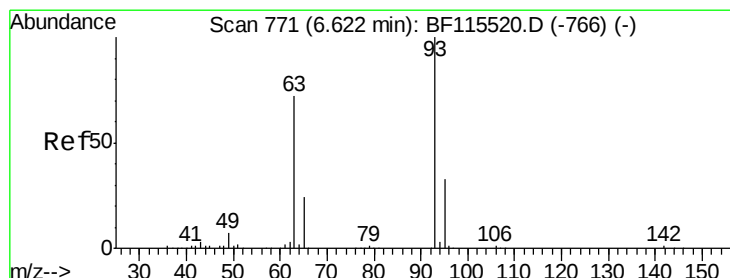
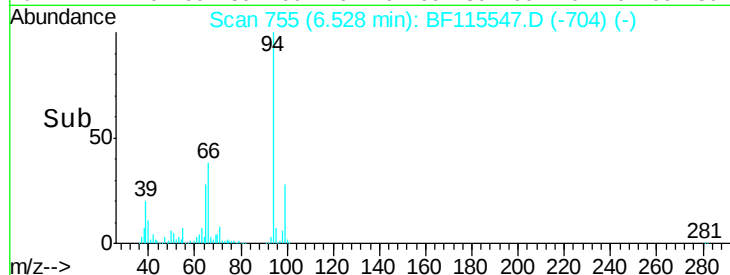
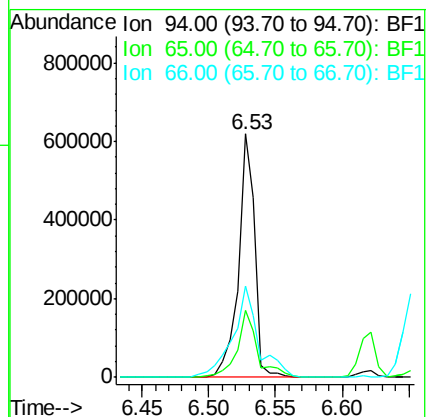
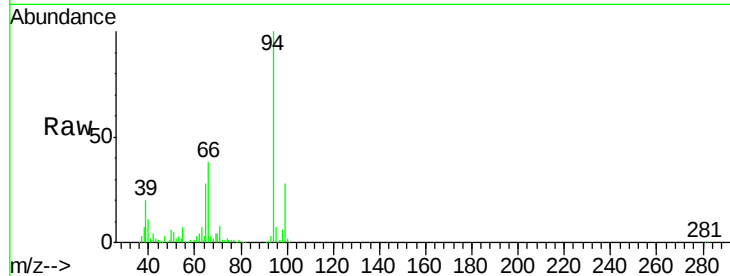
Tot Ion: 94 Resp: 531536

Ion Ratio Lower Upper

94 100

65 27.8 14.5 54.5

66 37.5 31.3 71.3



#11

bis(2-Chloroethyl)ether

Concen: 42.188 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

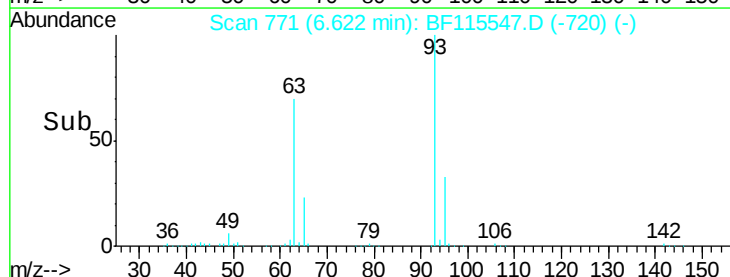
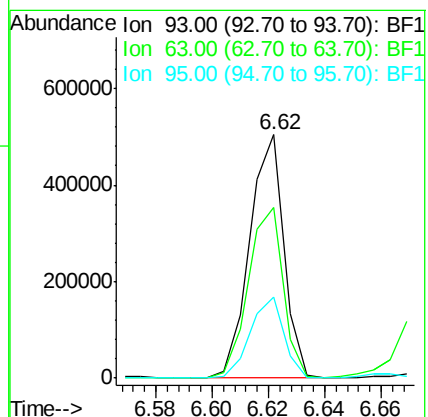
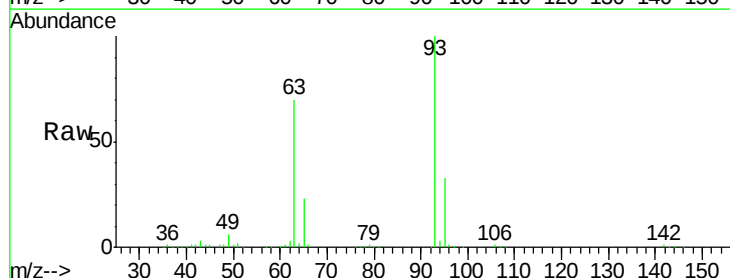
Tgt Ion: 93 Resp: 421651

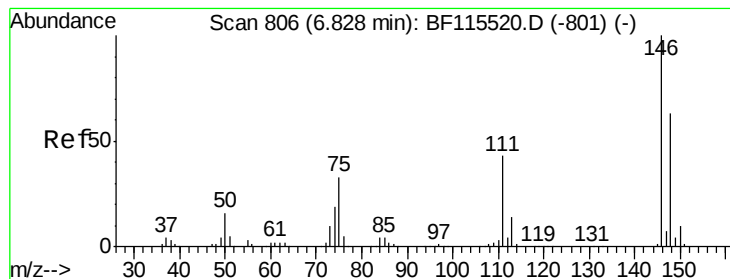
Ion Ratio Lower Upper

93 100

63 70.1 52.2 92.2

95 33.4 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 41.168 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

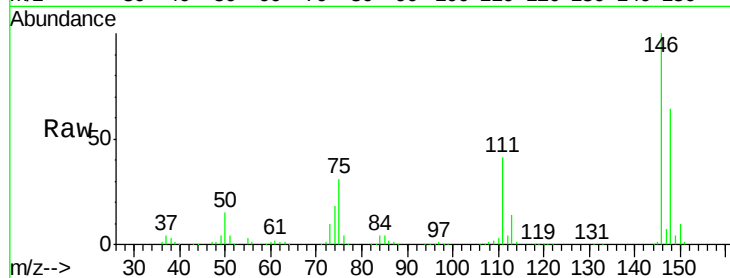
Tot Ion:146 Resp: 474261

Ion Ratio Lower Upper

146 100

148 64.3 52.1 78.1

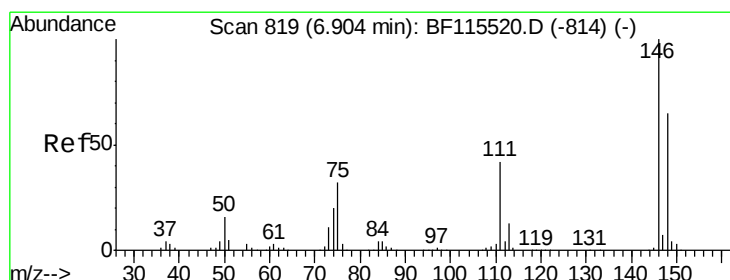
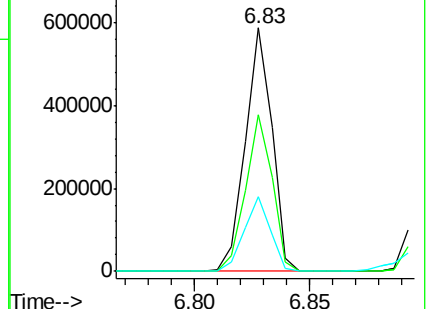
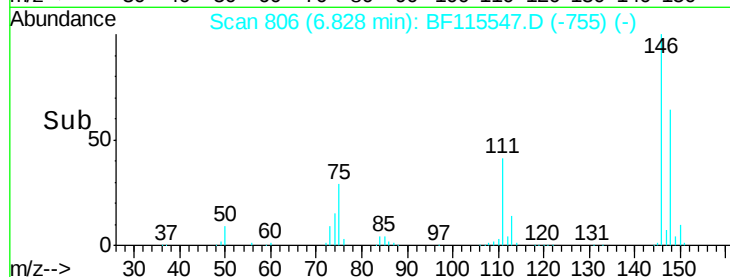
75 30.5 24.9 37.3



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: 41.716 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

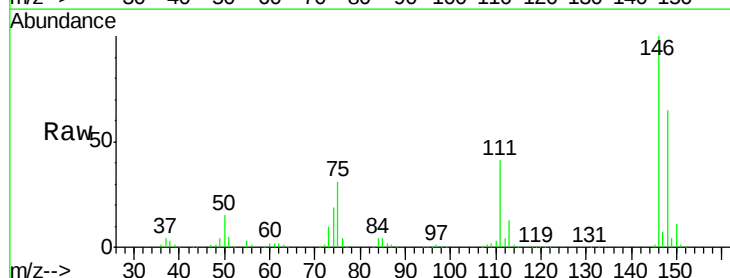
Tgt Ion:146 Resp: 479496

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

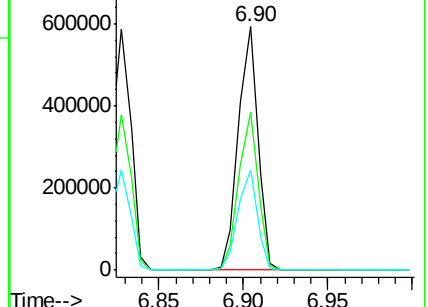
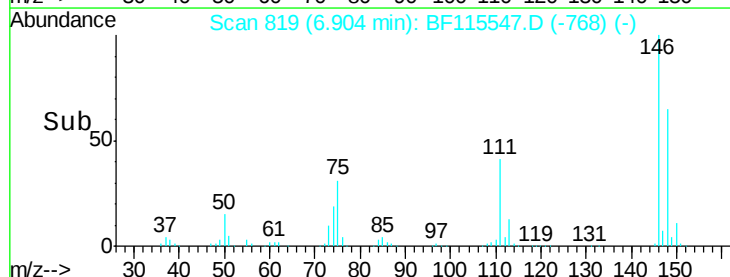
111 41.2 35.5 53.3

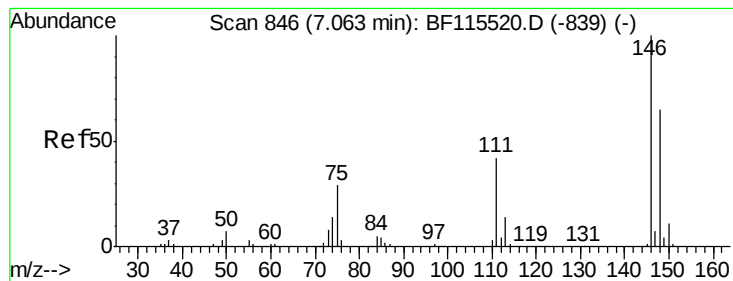


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 42.642 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

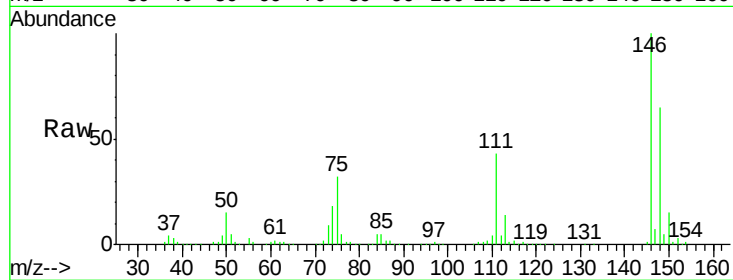
Tot Ion:146 Resp: 448045

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

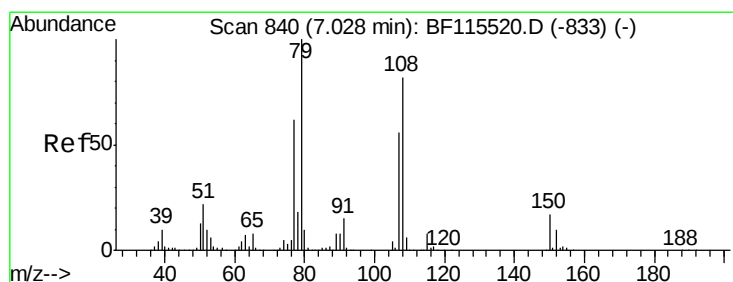
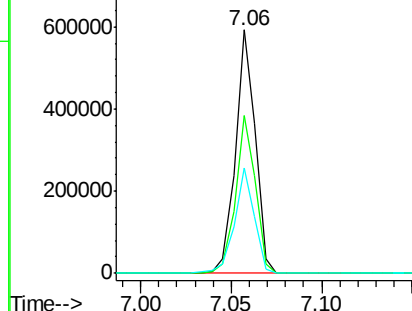
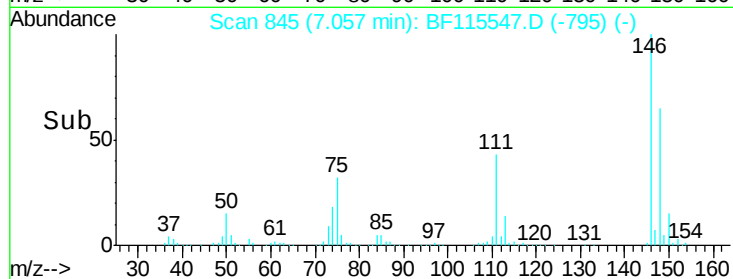
111 43.5 37.6 56.4



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: 44.304 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

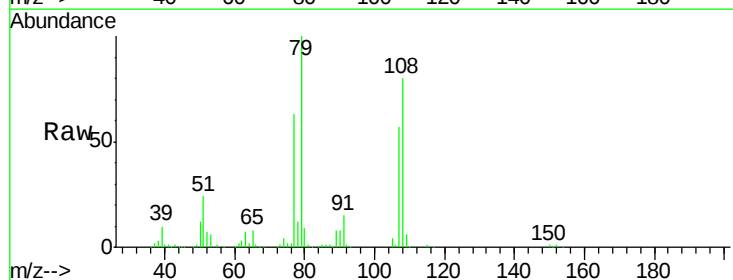
Tgt Ion: 79 Resp: 397437

Ion Ratio Lower Upper

79 100

108 80.3 64.2 96.4

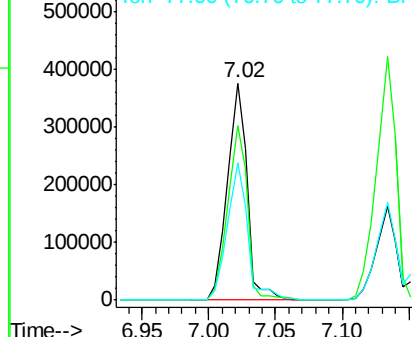
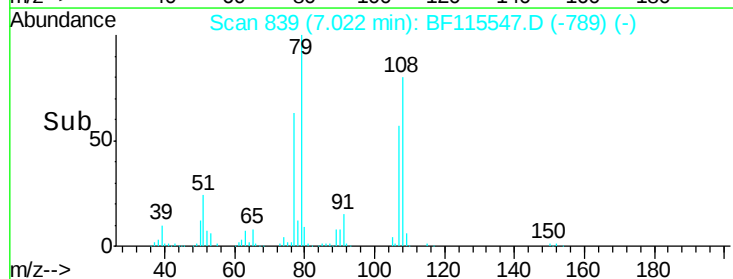
77 63.3 51.8 77.8

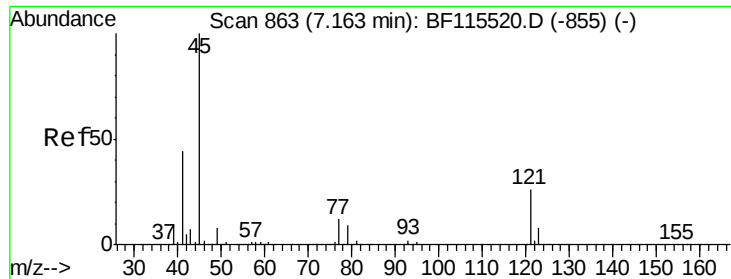


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

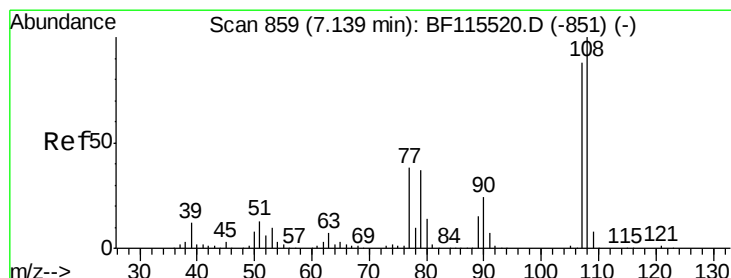
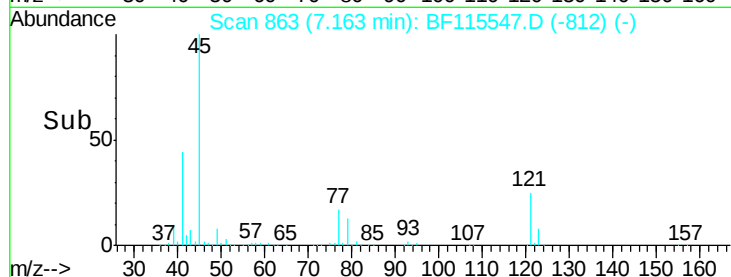
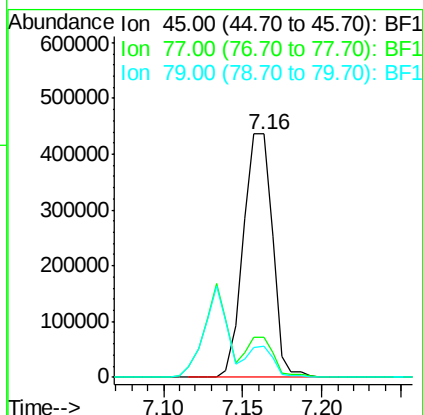
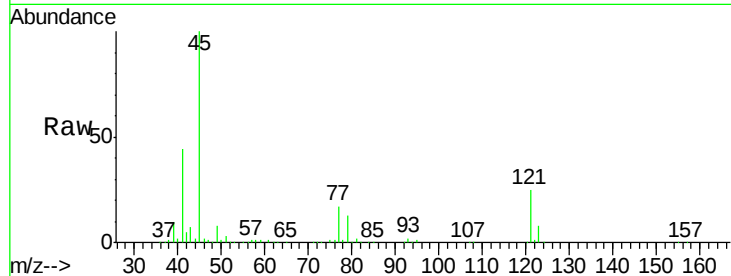




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 42.292 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

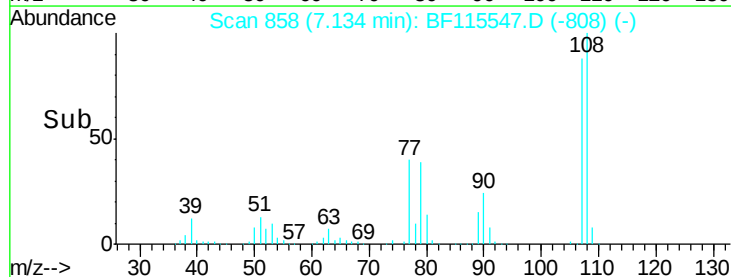
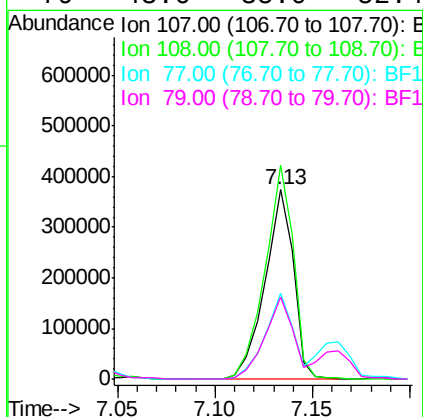
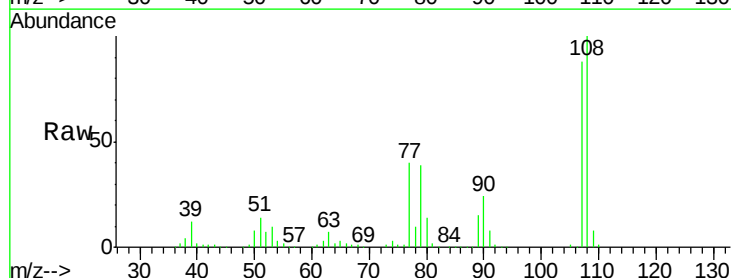
Instrument :
BNA_F
ClientSampled :

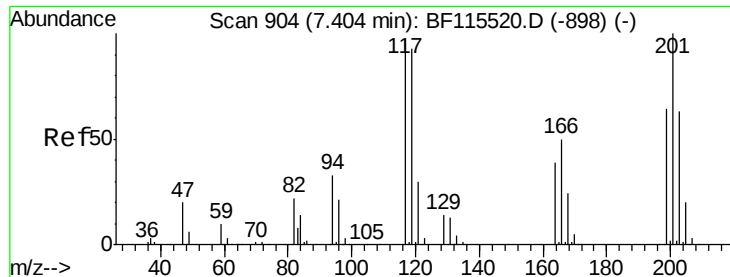
Tot Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	38.1
79	12.9	0.0	34.1



#17
2-Methylphenol
Concen: 42.571 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.4	134.2
77	45.2	35.7	53.5
79	43.6	35.0	52.4

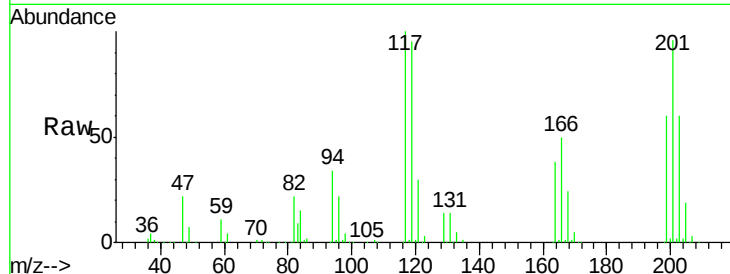




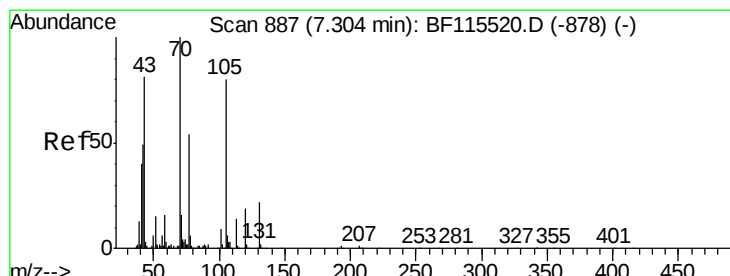
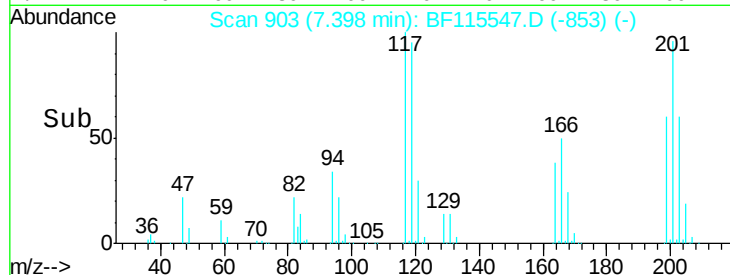
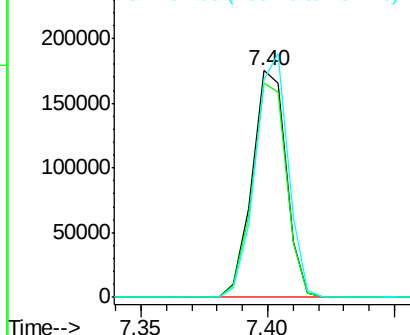
#18
Hexachloroethane
Concen: 38.581 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 164597
Ion Ratio Lower Upper
117 100
119 94.6 77.7 116.5
201 96.5 86.0 129.0



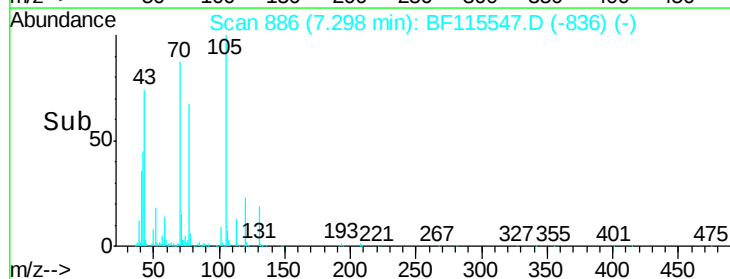
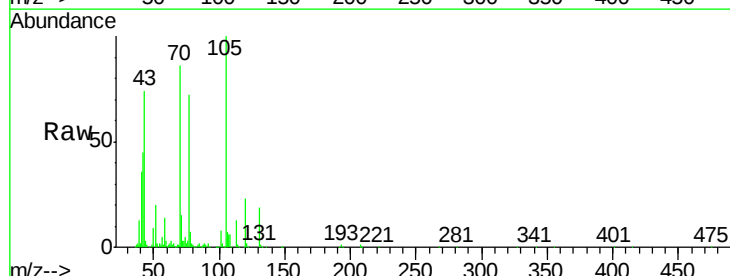
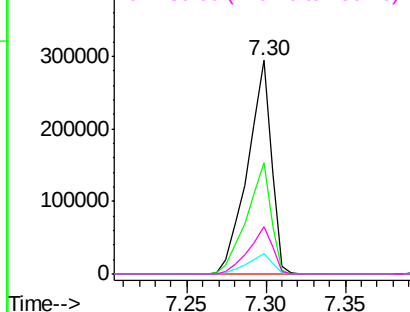
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

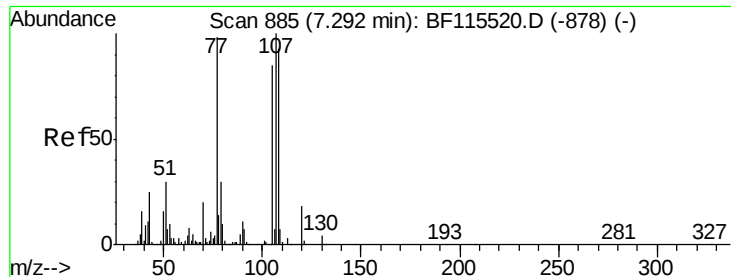


#19
n-Nitroso-di-n-propylamine
Concen: 41.425 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion: 70 Resp: 305516
Ion Ratio Lower Upper
70 100
42 52.0 39.6 59.4
101 9.8 8.1 12.1
130 22.4 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: 42.329 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 443969

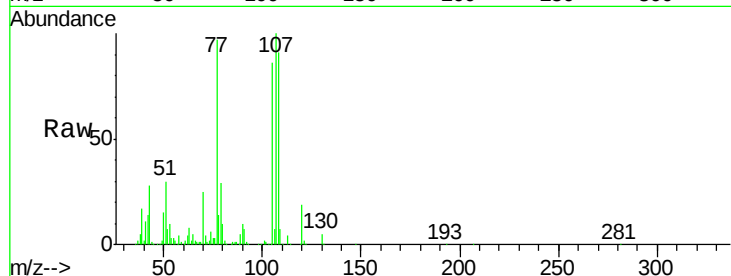
Ion Ratio Lower Upper

107 100

108 90.7 72.9 112.9

77 97.1 77.6 117.6

79 29.2 10.5 50.5

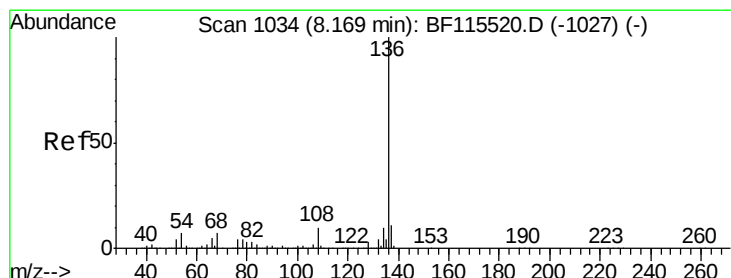
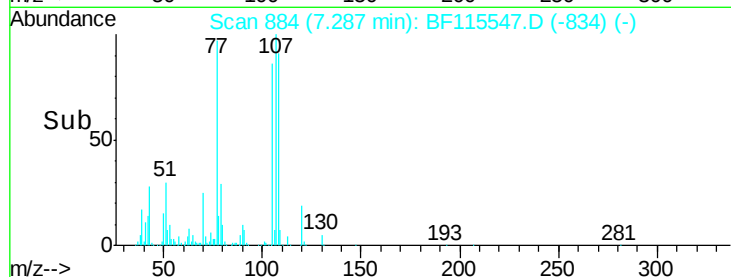
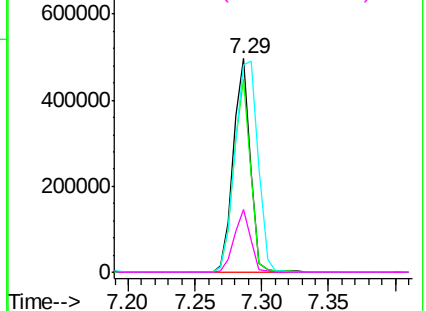


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion:136 Resp: 548838

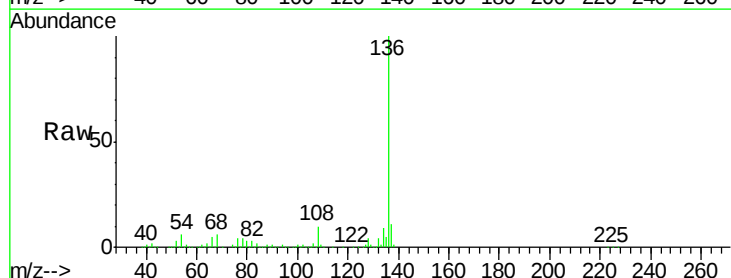
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.3 5.6 8.4

68 6.0 5.0 7.6

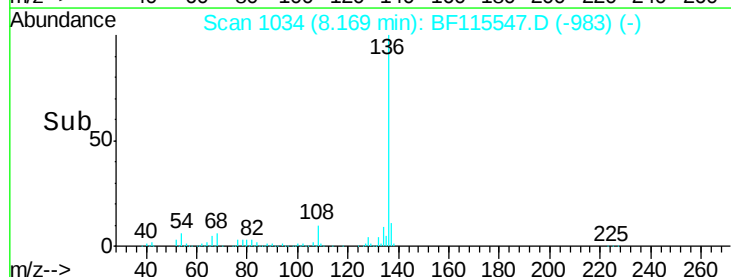
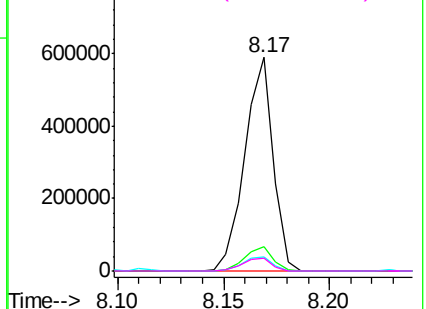


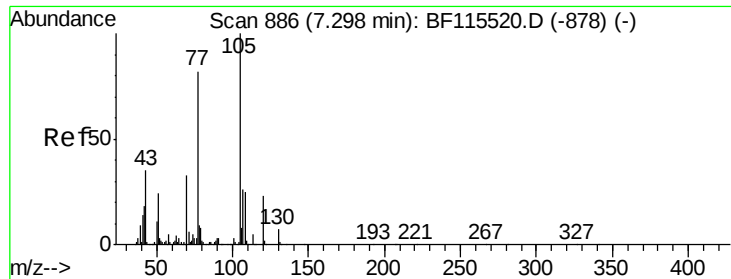
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 48.880 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

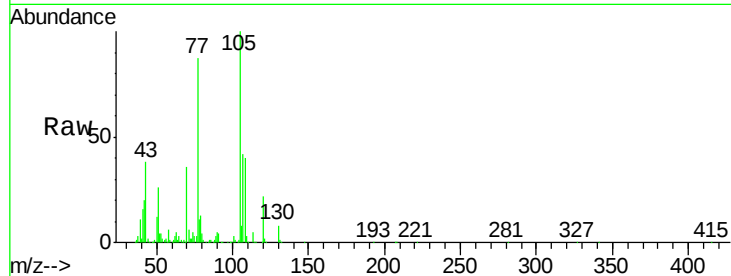
Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

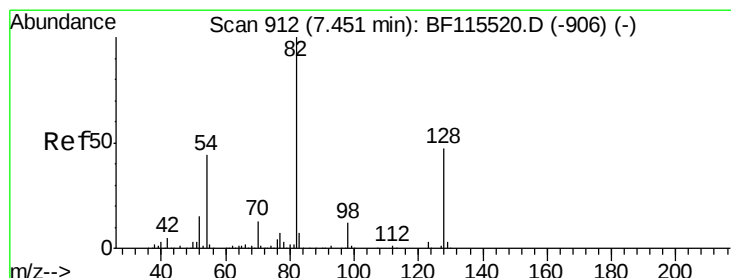
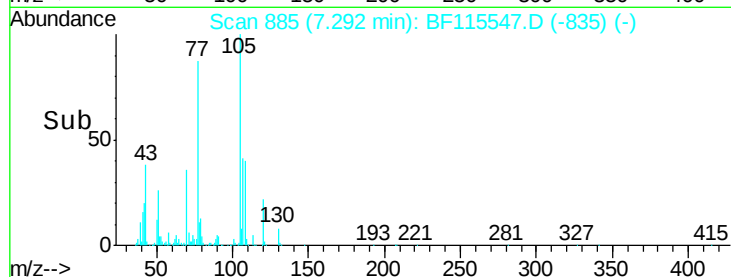
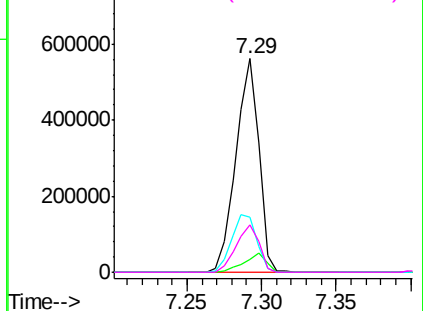
BNA_F

ClientSampleId :



Tot Ion:	105	Resp:	606060
Ion	Ratio	Lower	Upper
105	100		
71	6.3	3.5	5.3#
51	25.7	25.6	38.4
120	22.4	17.9	26.9

Abundance Ion 105.00 (104.70 to 105.70): E



#23

Nitrobenzene-d5

Concen: 102.370 ng

RT: 7.45 min Scan# 911

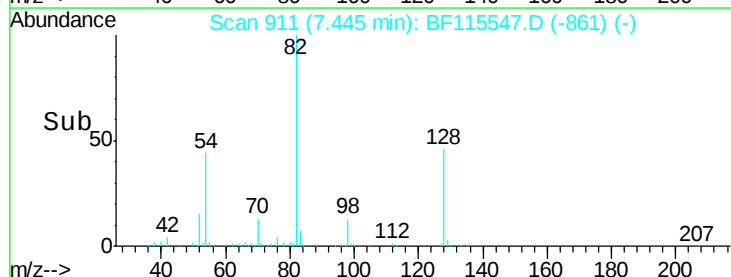
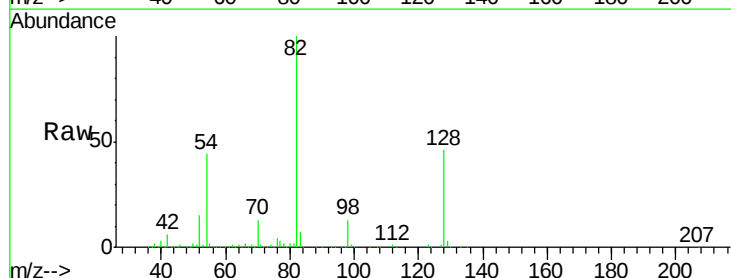
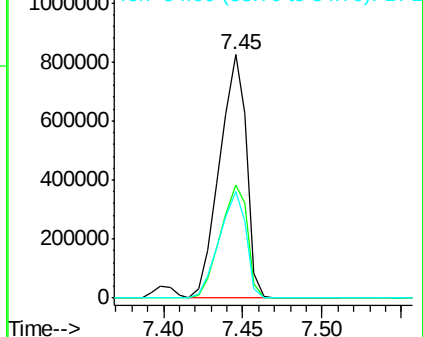
Delta R.T. -0.01 min

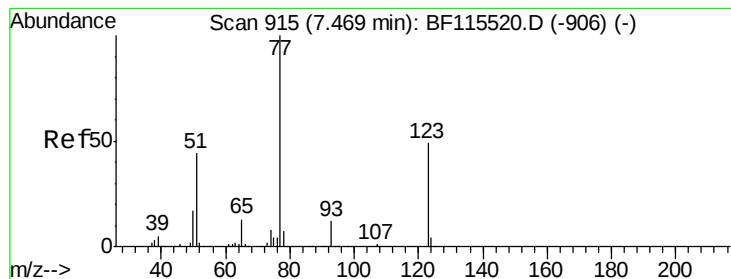
Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion:	82	Resp:	966257
Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.6	57.8
54	44.0	35.6	53.4

Abundance Ion 82.00 (81.70 to 82.70): BF1





#24

Nitrobenzene

Concen: 46.443 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

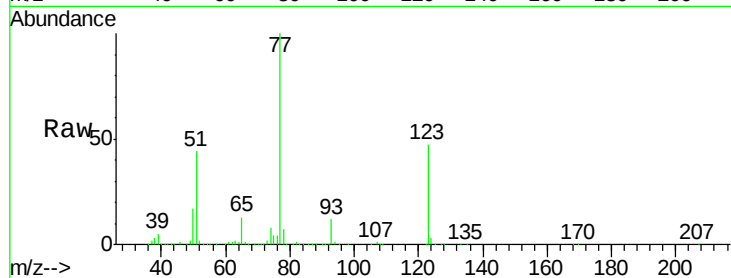
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 472819

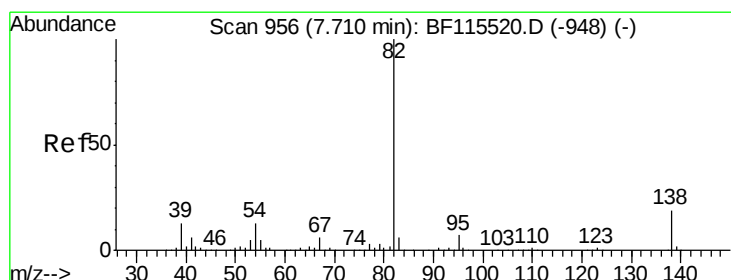
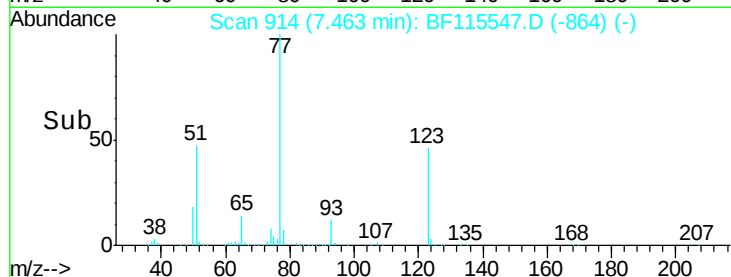
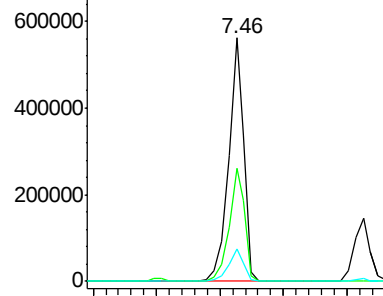
Ion	Ratio	Lower	Upper
77	100		
123	46.5	40.0	60.0
65	13.3	11.0	16.4



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: 45.406 ng

RT: 7.70 min Scan# 955

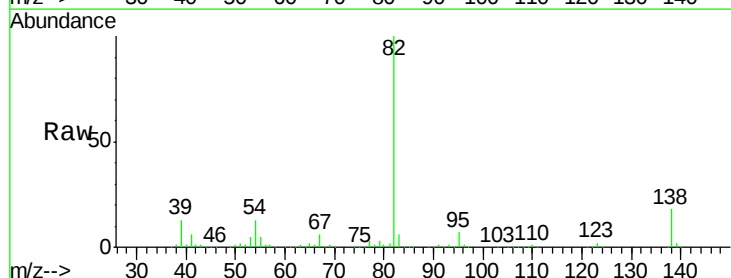
Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion: 82 Resp: 857605

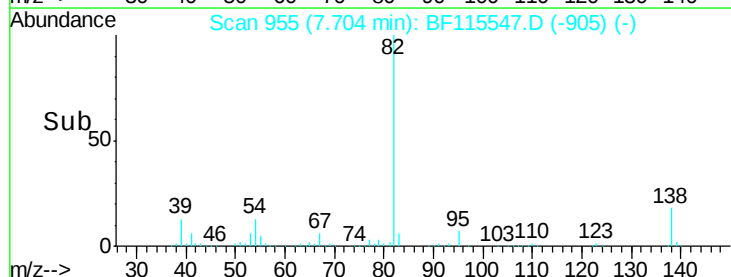
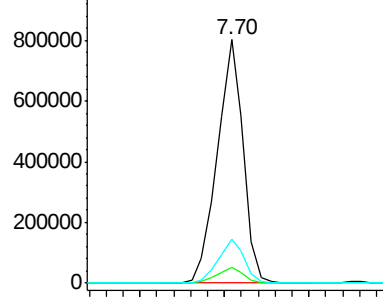
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.5	8.3
138	18.2	14.9	22.3

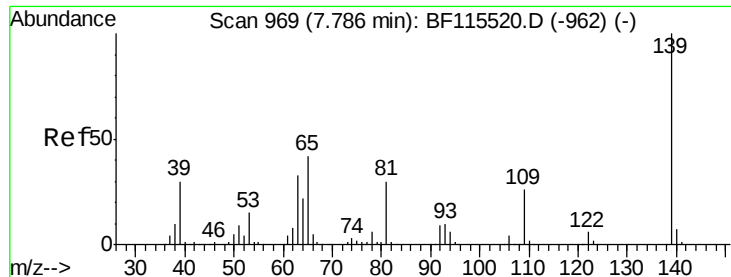


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

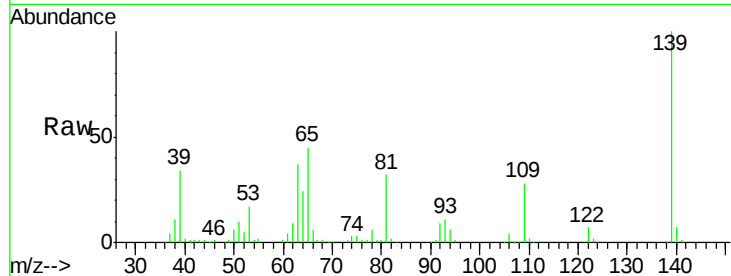




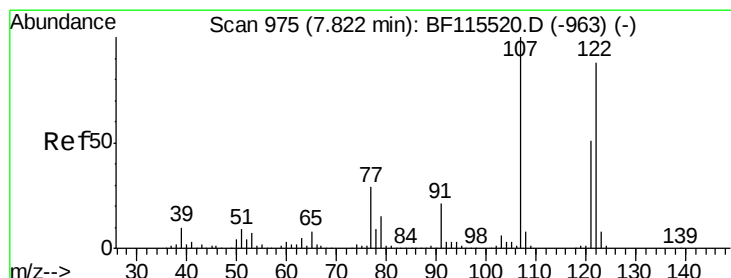
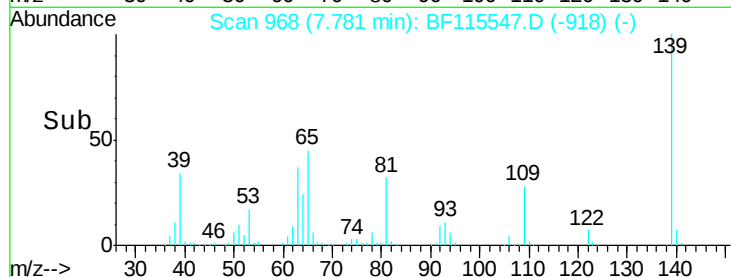
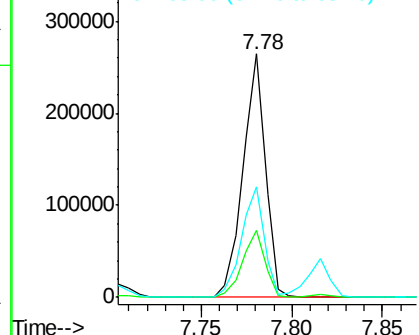
#26
 2-Nitrophenol
 Concen: 43.477 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	27.5	23.3	34.9
65	45.5	37.9	56.9

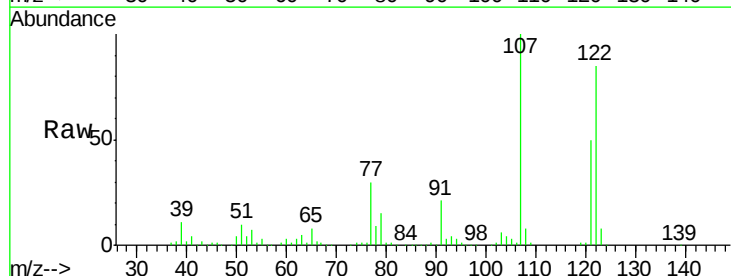


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

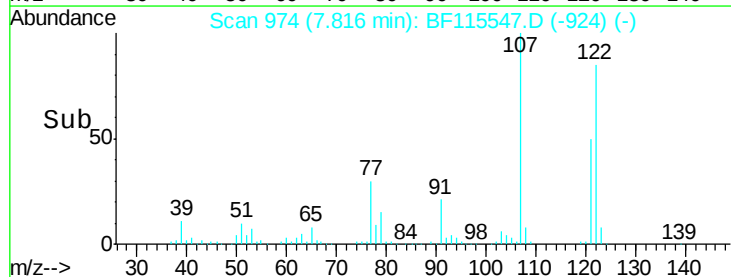
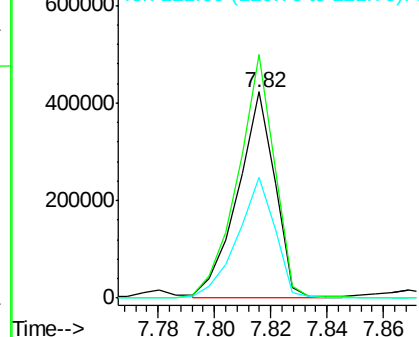


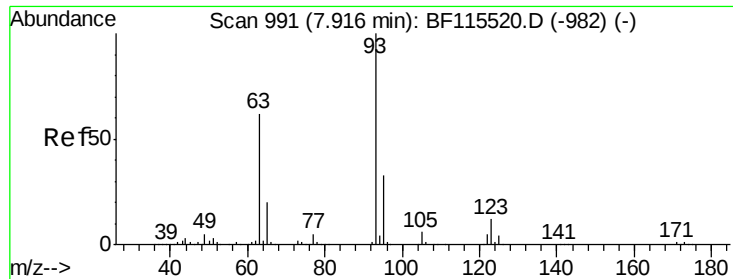
#27
 2,4-Dimethylphenol
 Concen: 49.543 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.0	92.9	139.3
121	58.6	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

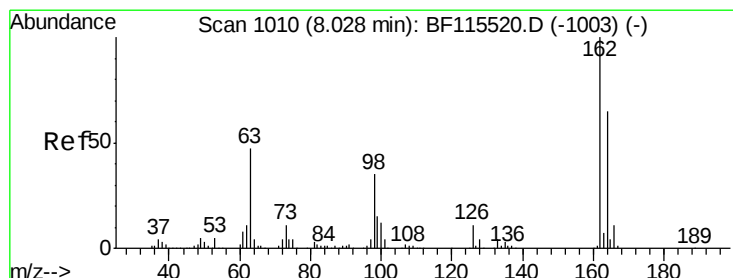
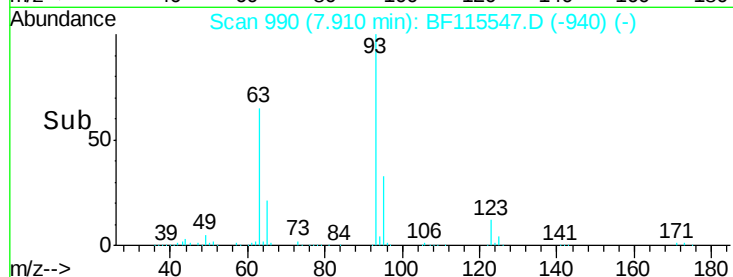
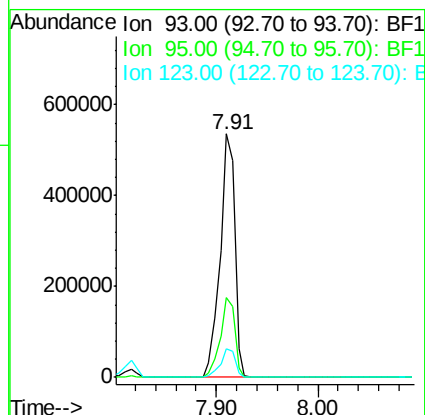
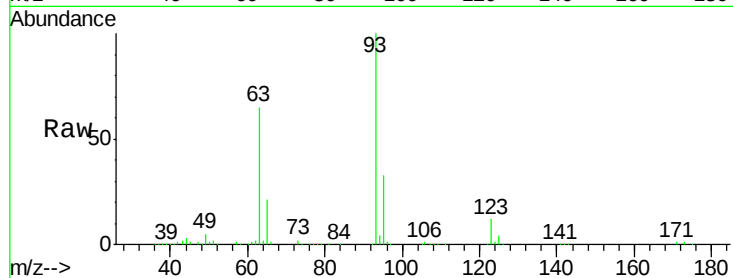




#28
bis(2-Chloroethoxy)methane
Concen: 46.694 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

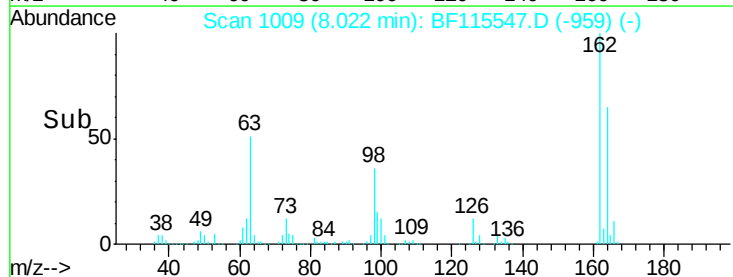
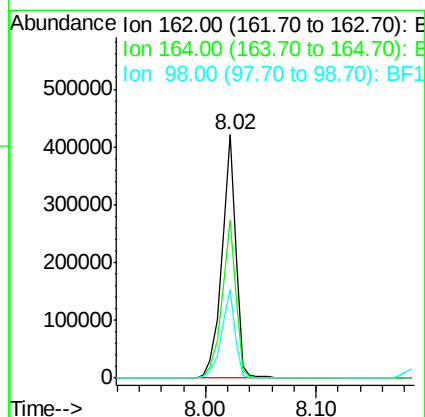
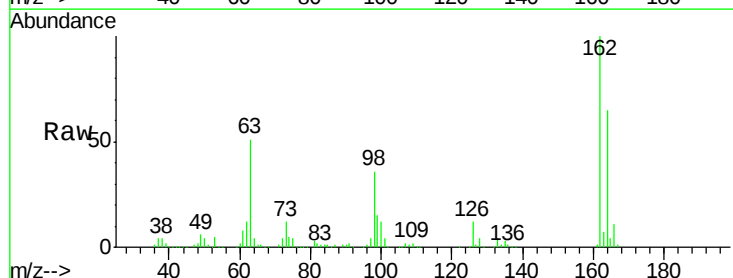
Instrument :
BNA_F
ClientSampleId :

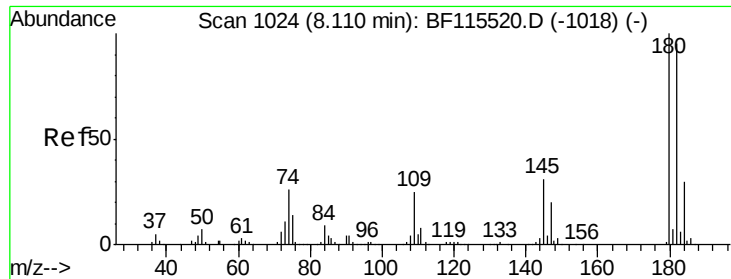
Tot Ion: 93 Resp: 541042
Ion Ratio Lower Upper
93 100
95 32.7 27.0 40.4
123 11.5 9.9 14.9



#29
2,4-Dichlorophenol
Concen: 45.809 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion: 162 Resp: 373530
Ion Ratio Lower Upper
162 100
164 65.0 44.9 84.9
98 36.3 17.7 57.7

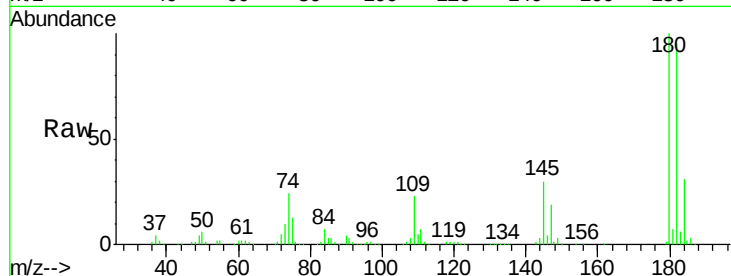




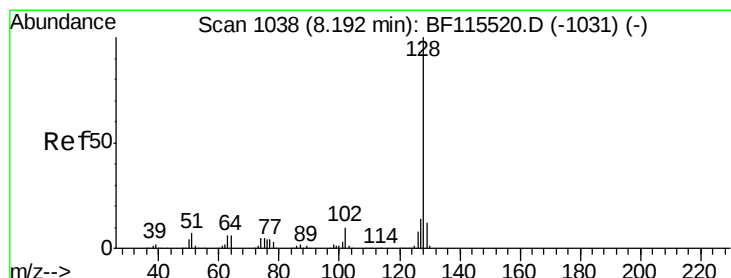
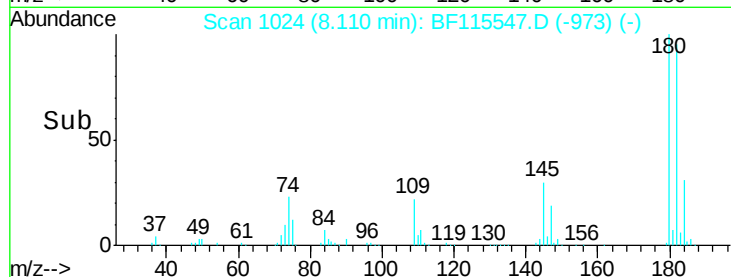
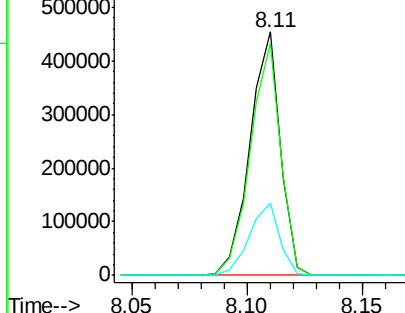
#30
 1,2,4-Trichlorobenzene
 Concen: 45.315 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 417676
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.0 112.6
 145 29.5 25.1 37.7

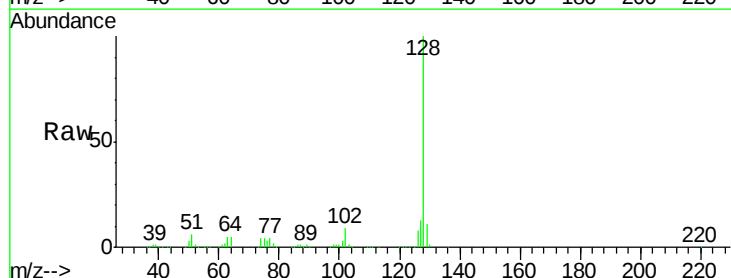


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

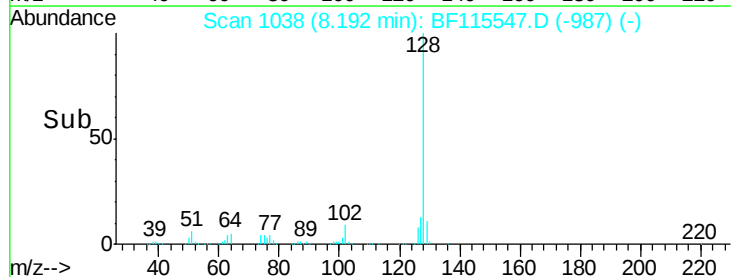
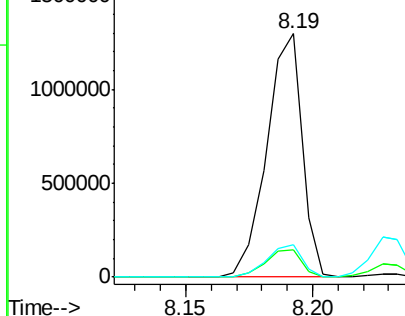


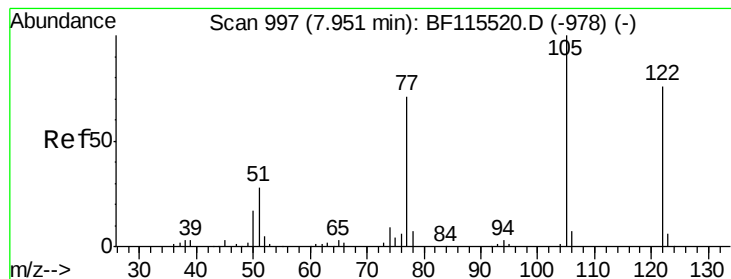
#31
 Naphthalene
 Concen: 47.329 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion:128 Resp: 1258015
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.9 14.9
 127 13.5 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: 3.708 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.08 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampled :

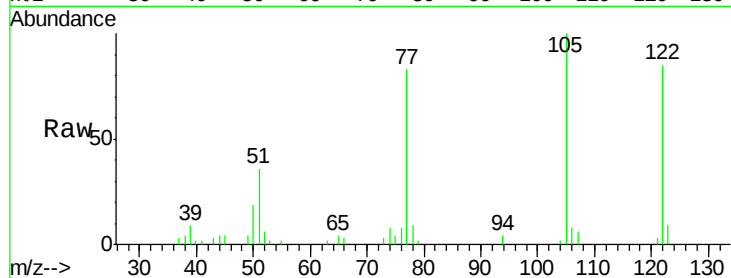
Tot Ion:122 Resp: 23857

Ion Ratio Lower Upper

122 100

105 117.6 102.5 142.5

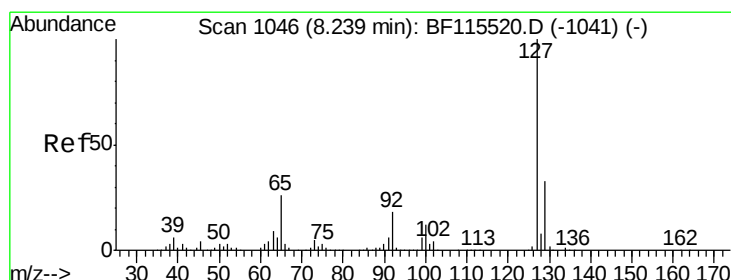
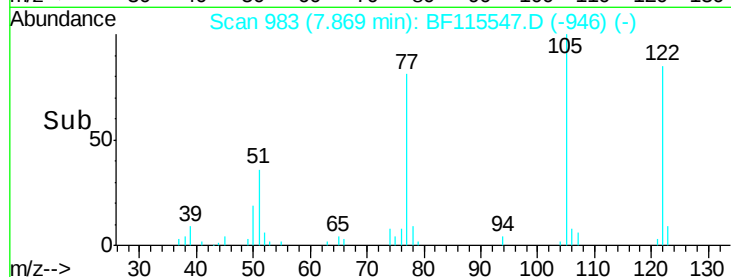
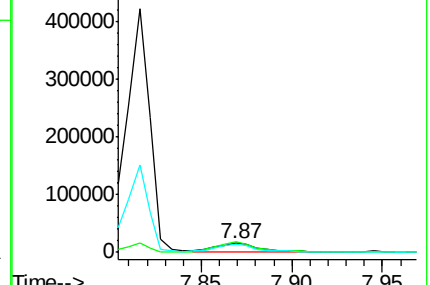
77 97.0 70.2 110.2



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: 18.061 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion:127 Resp: 212650

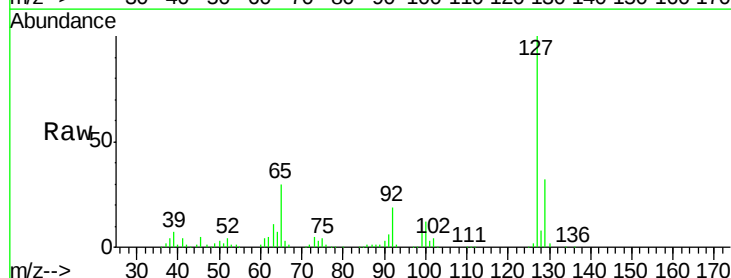
Ion Ratio Lower Upper

127 100

129 32.1 26.6 39.8

65 30.4 23.7 35.5

92 19.4 15.8 23.8

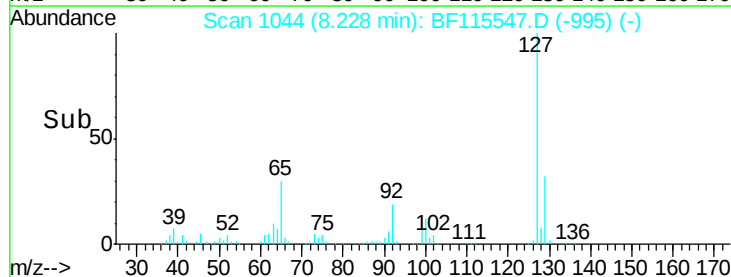
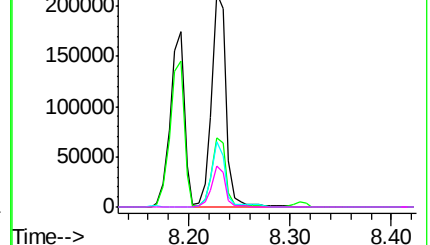


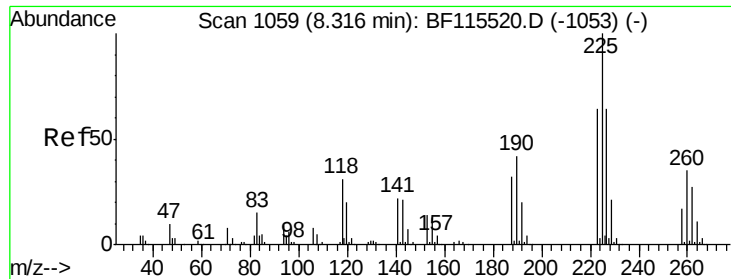
Abundance Ion 127.00 (126.70 to 127.70): E

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

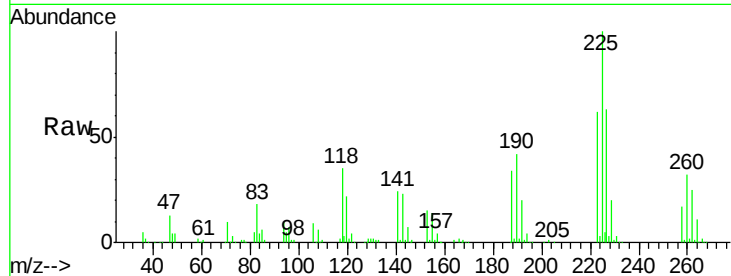




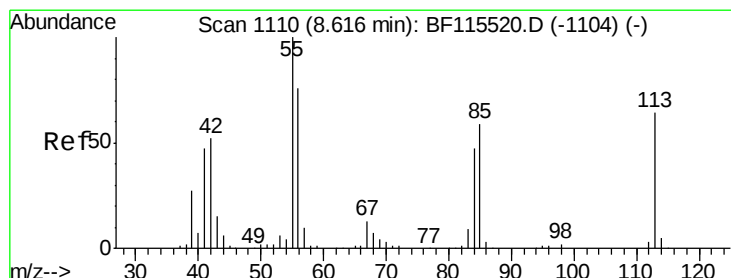
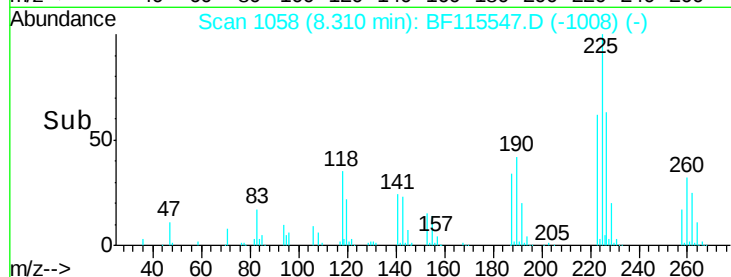
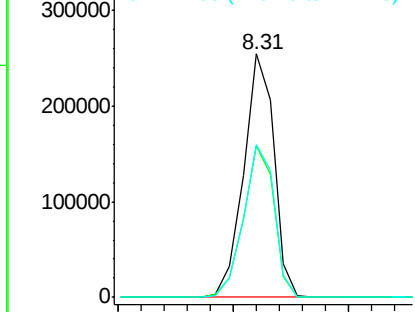
#34
Hexachlorobutadiene
Concen: 44.270 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 233998
Ion Ratio Lower Upper
225 100
223 62.4 50.9 76.3
227 62.9 50.7 76.1

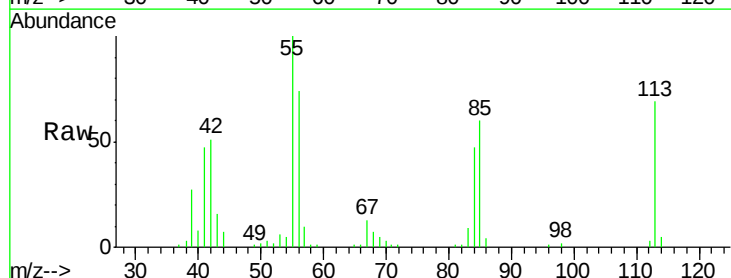


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

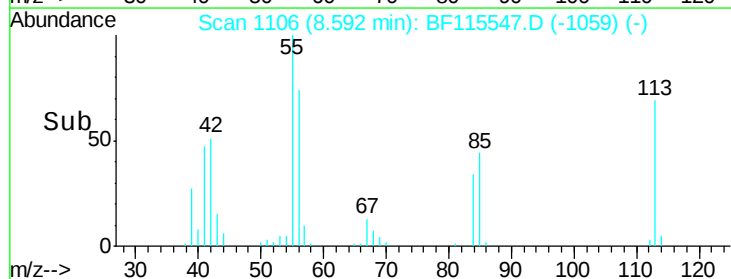
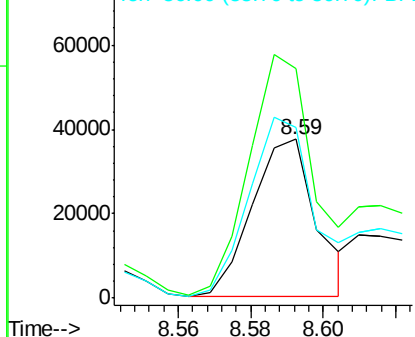


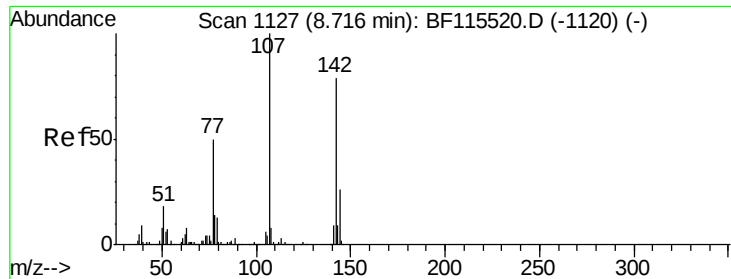
#35
Caprolactam
Concen: 18.243 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion:113 Resp: 45967
Ion Ratio Lower Upper
113 100
55 144.9 126.9 166.9
56 107.6 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

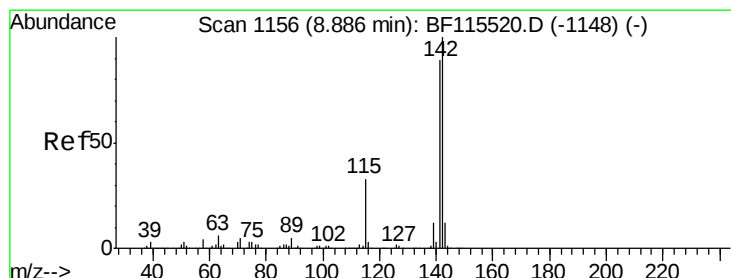
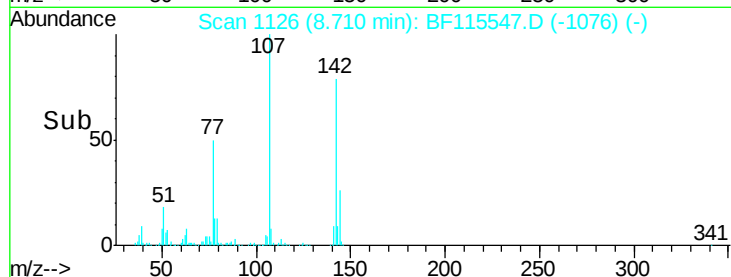
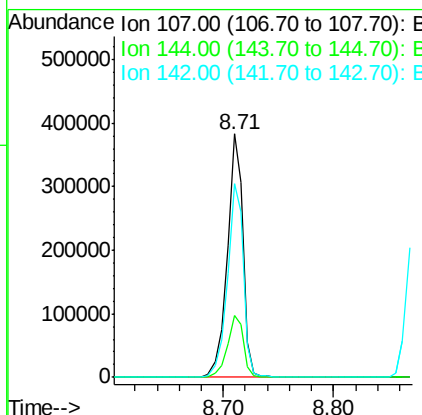
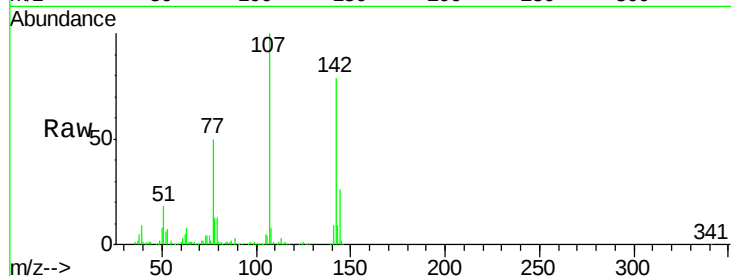




#36
 4-Chloro-3-methylphenol
 Concen: 45.036 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

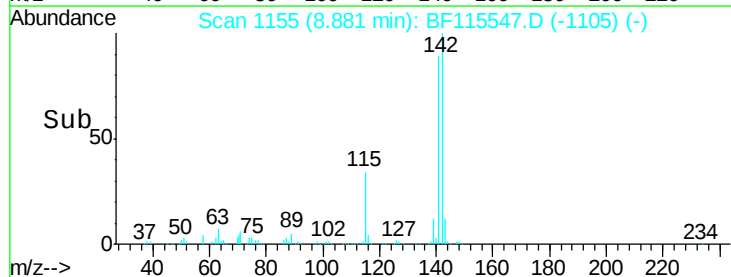
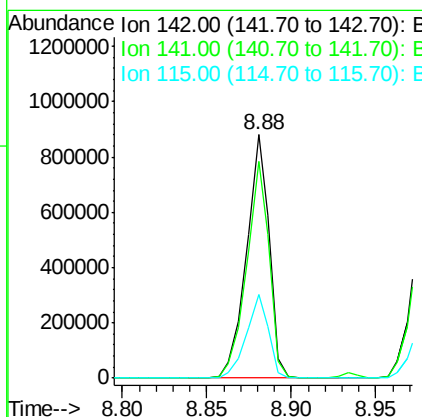
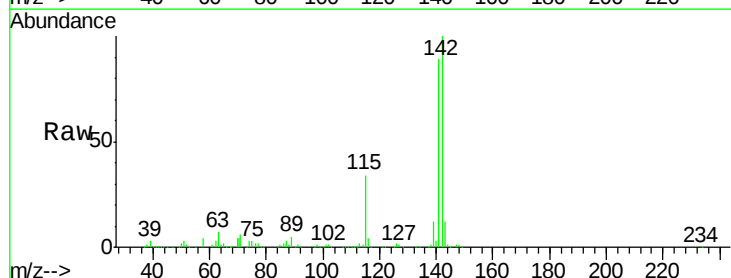
Instrument :
 BNA_F
 ClientSampled :

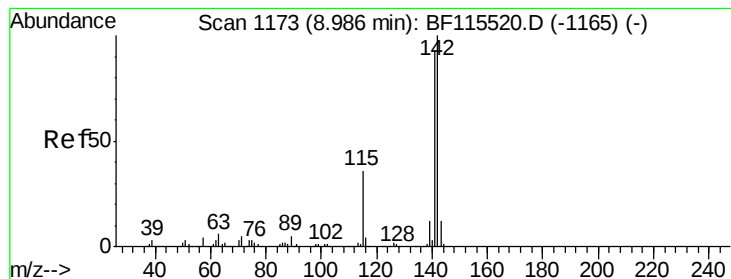
Tot Ion:107 Resp: 380931
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.6 30.8
 142 79.4 63.1 94.7



#37
 2-Methylnaphthalene
 Concen: 46.905 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion:142 Resp: 826430
 Ion Ratio Lower Upper
 142 100
 141 88.9 72.0 108.0
 115 34.4 29.9 44.9





#38

1-Methylnaphthalene

Concen: 46.358 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampled :

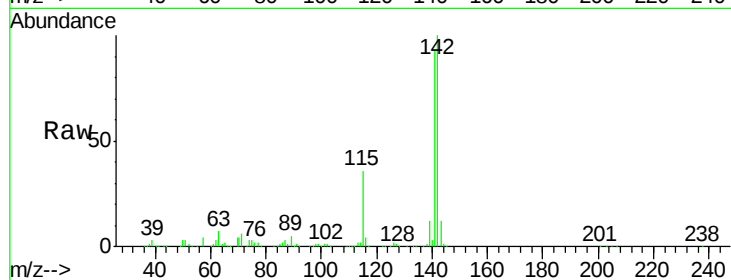
Tot Ion:142 Resp: 775831

Ion Ratio Lower Upper

142 100

141 93.0 75.3 112.9

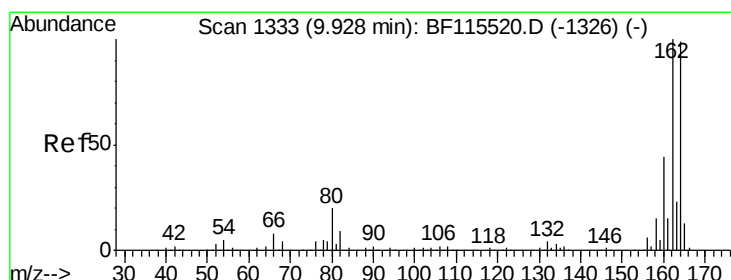
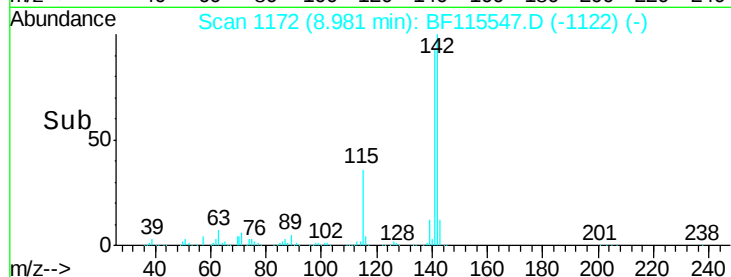
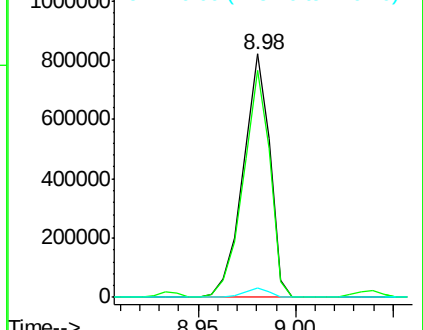
116 3.9 3.3 4.9



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: BF115547.D

Acq: 13 Jul 2019 00:45

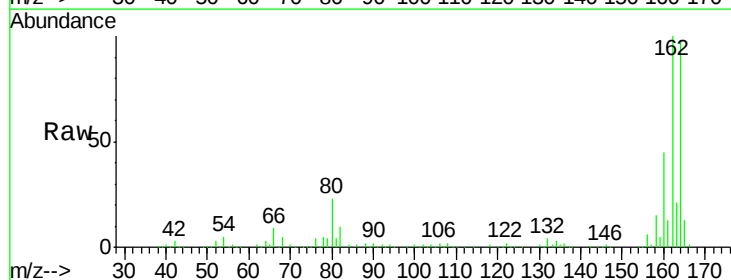
Tgt Ion:164 Resp: 251220

Ion Ratio Lower Upper

164 100

162 101.7 82.9 124.3

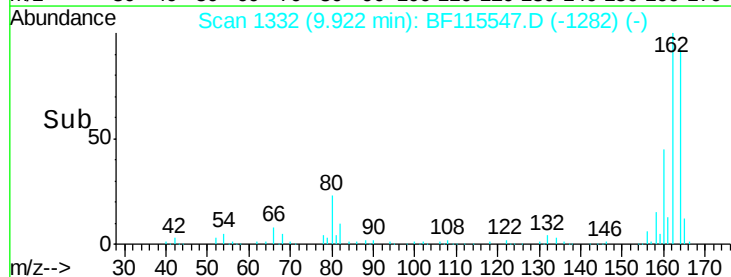
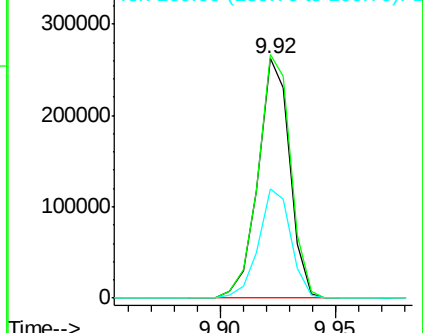
160 45.9 36.8 55.2

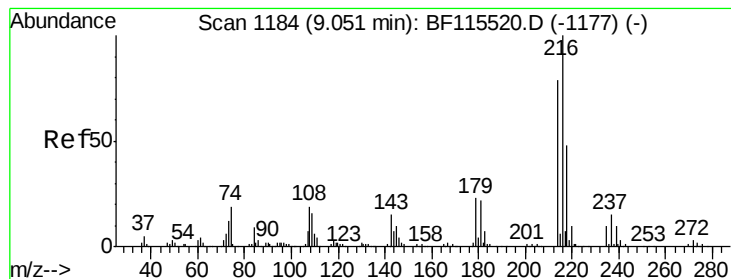


Abundance Ion 164.00 (163.70 to 164.70): E

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: 50.595 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 382757

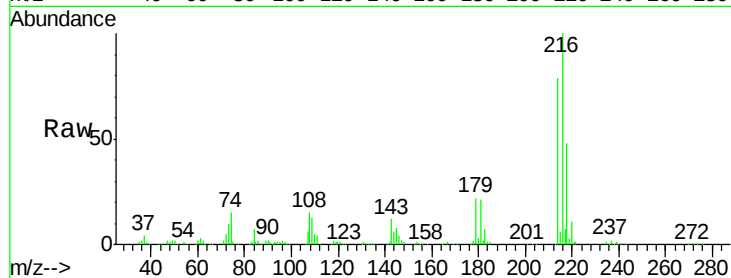
Ion Ratio Lower Upper

216 100

214 79.8 65.1 97.7

179 22.0 18.3 27.5

108 18.5 15.7 23.5

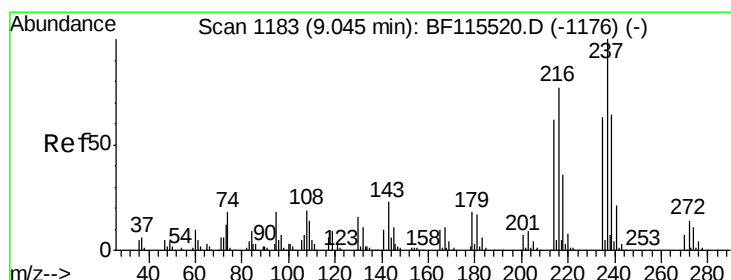
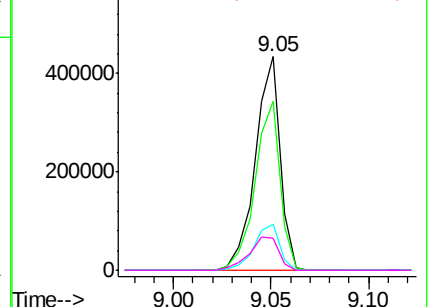
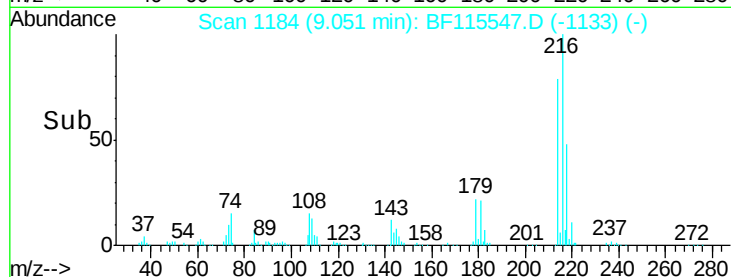


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.709 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

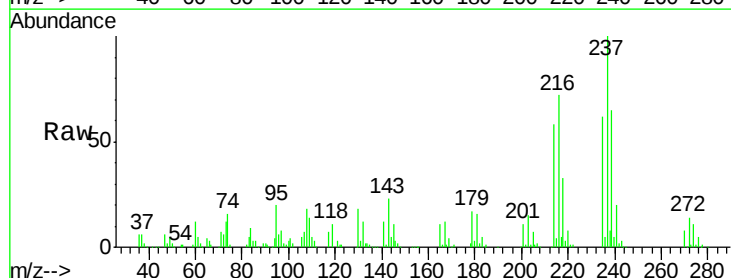
Tgt Ion:237 Resp: 171360

Ion Ratio Lower Upper

237 100

235 62.4 43.6 83.6

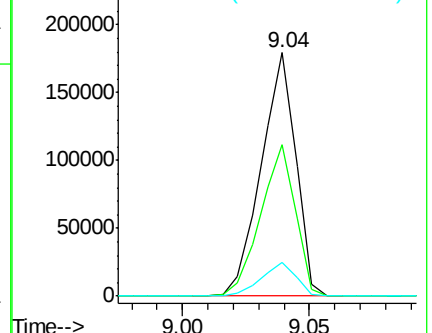
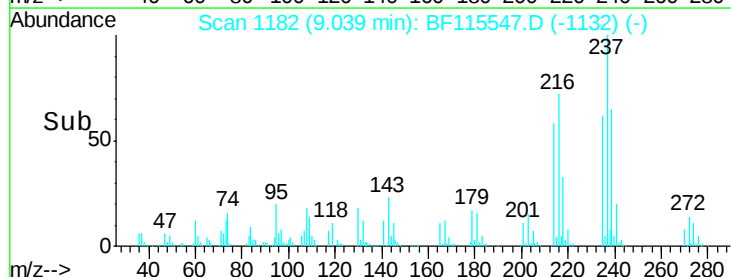
272 13.9 0.0 33.9

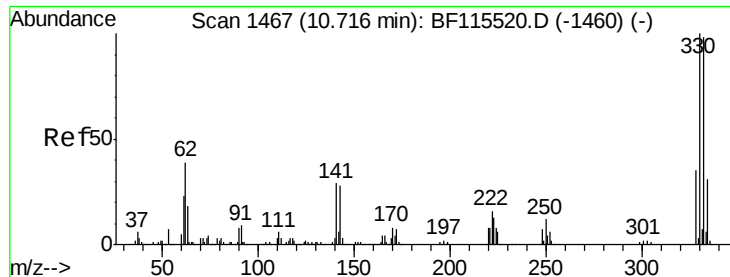


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 121.304 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampled :

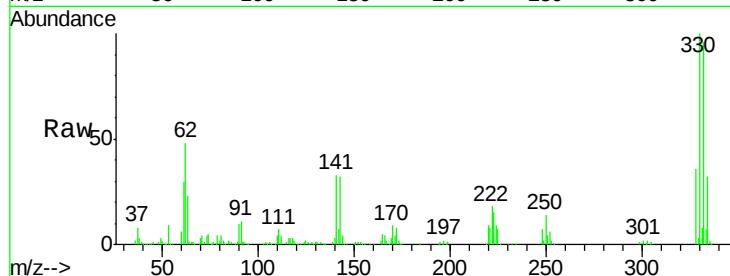
Tot Ion:330 Resp: 355704

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

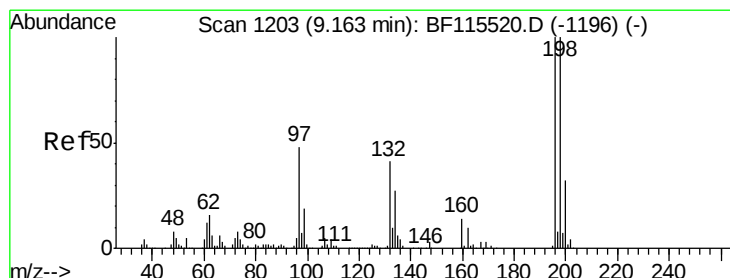
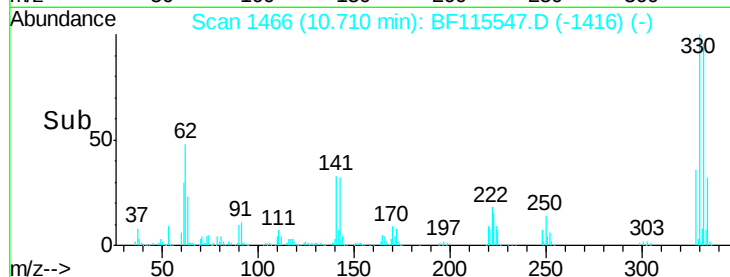
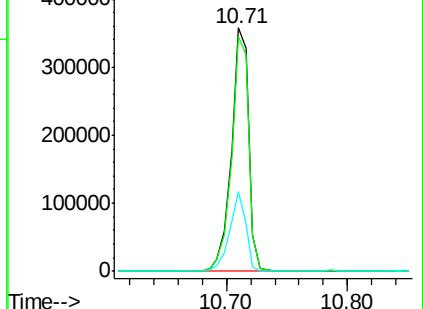
141 30.7 22.4 33.6



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: 45.902 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

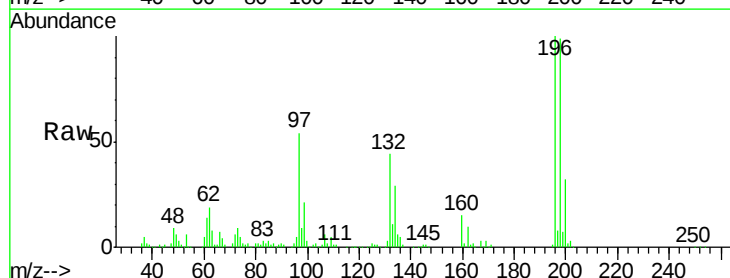
Tgt Ion:196 Resp: 253947

Ion Ratio Lower Upper

196 100

198 99.3 80.6 121.0

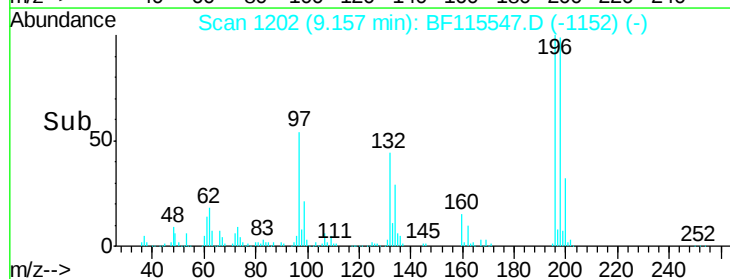
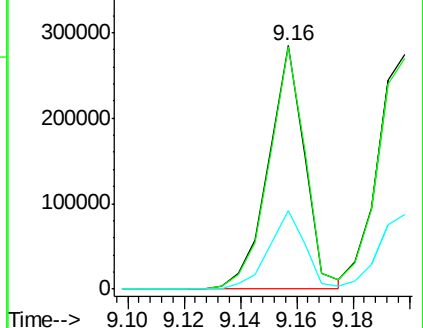
200 32.3 25.8 38.6

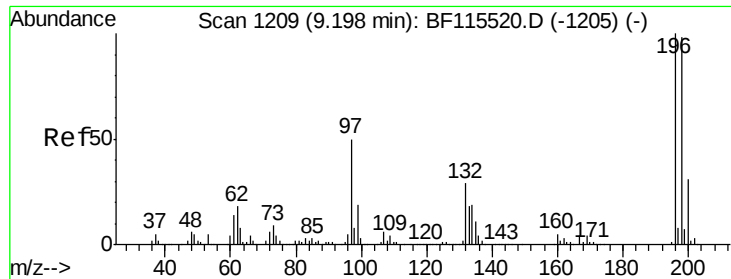


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

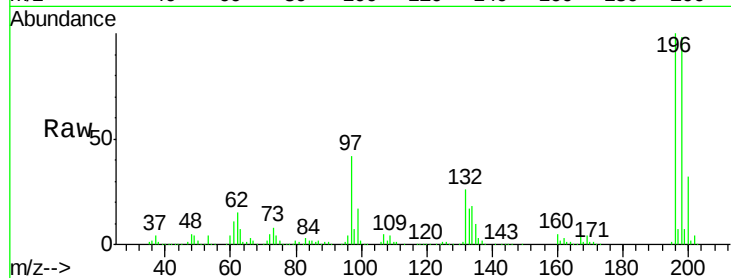




#44
 2,4,5-Trichlorophenol
 Concen: 45.757 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.4	79.6	119.4
97	42.1	37.8	56.6
132	26.4	22.8	34.2



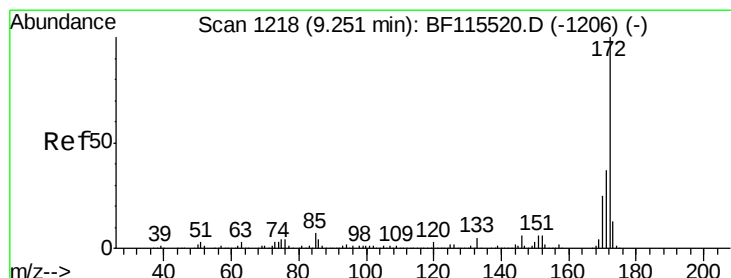
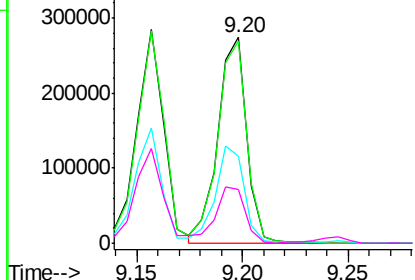
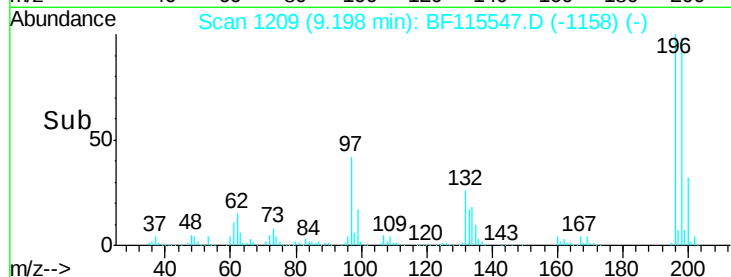
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

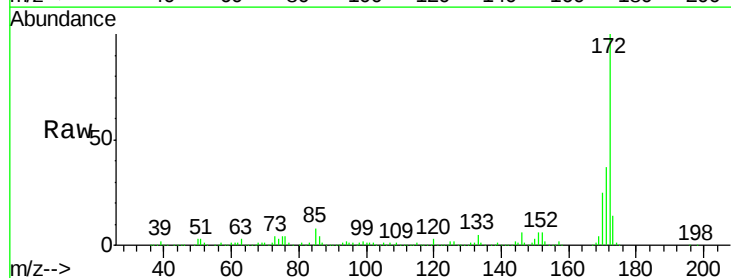
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 115.797 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	46.0
170	25.4	20.5	30.7

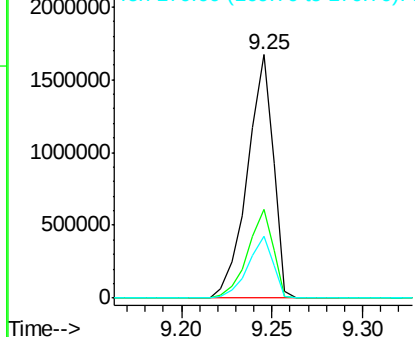
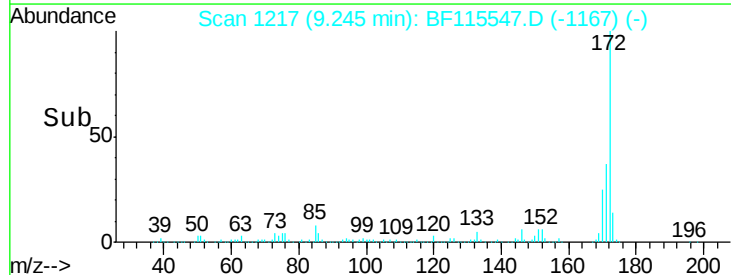


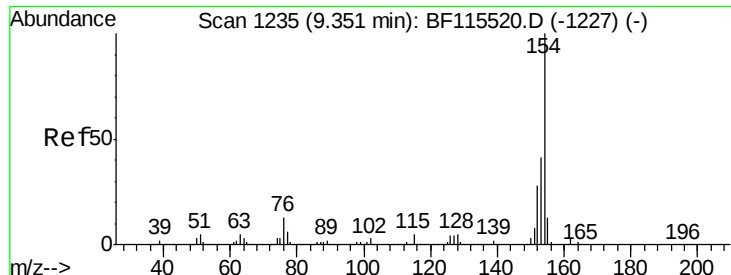
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 50.806 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

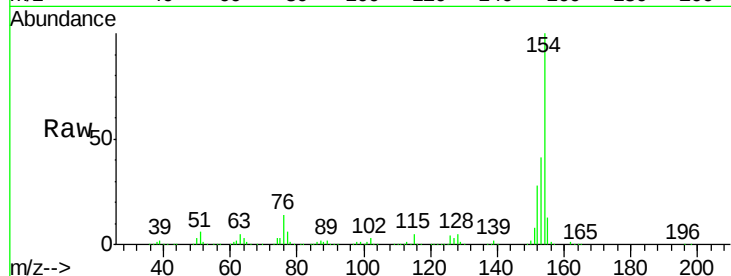
Tot Ion:154 Resp: 997843

Ion Ratio Lower Upper

154 100

153 41.0 22.6 62.6

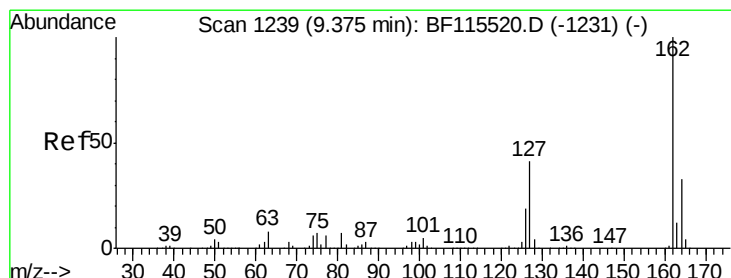
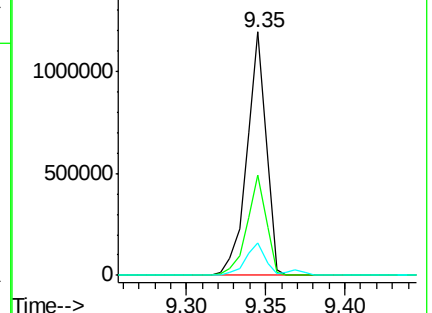
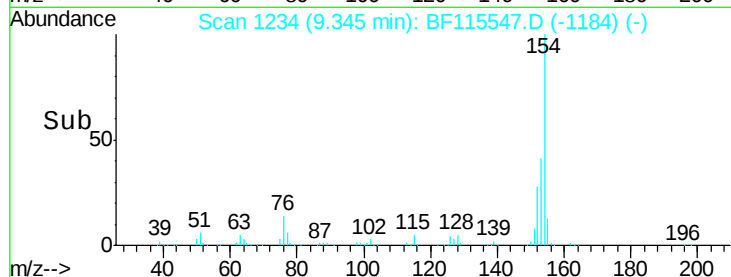
76 13.6 0.0 33.4



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: 47.896 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

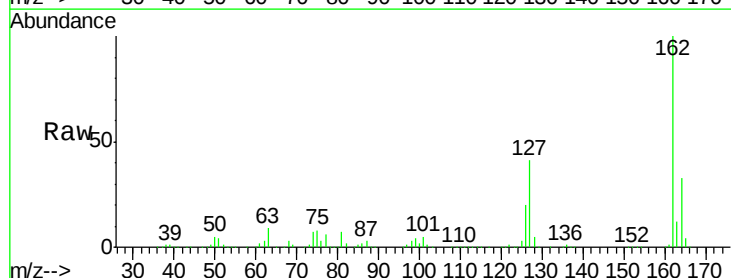
Tgt Ion:162 Resp: 783264

Ion Ratio Lower Upper

162 100

127 41.2 34.1 51.1

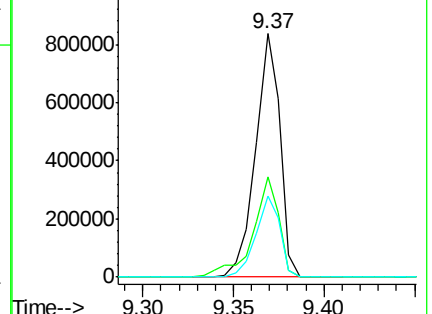
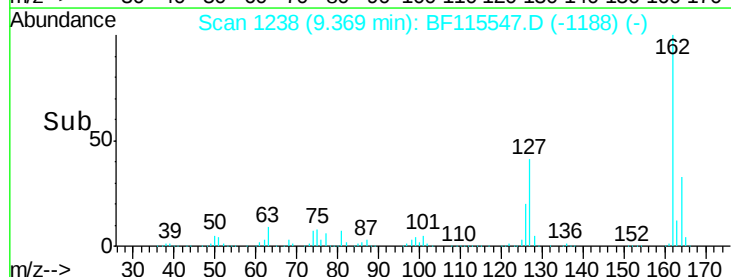
164 33.3 27.4 41.2

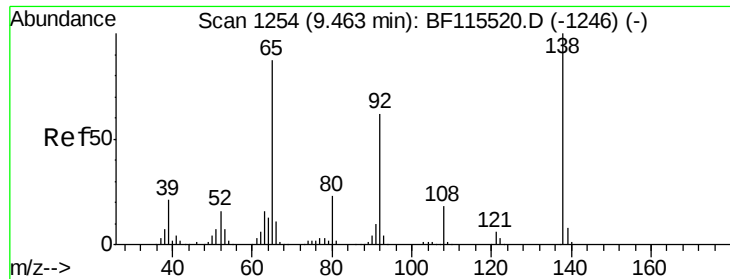


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

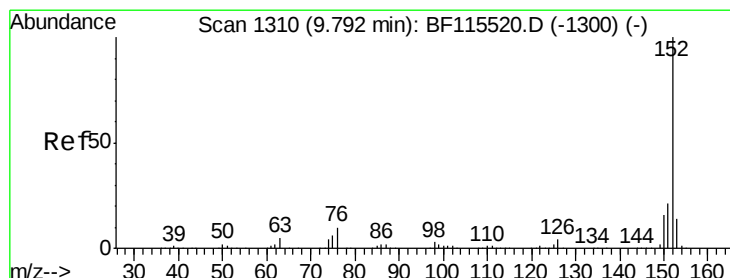
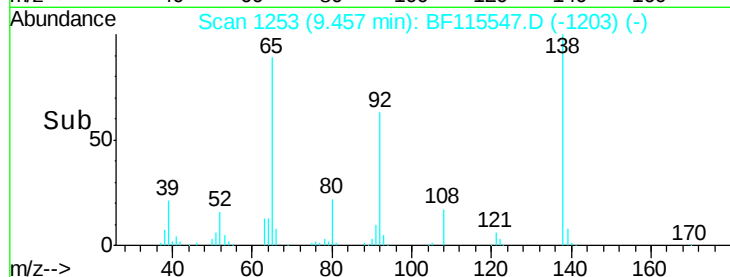
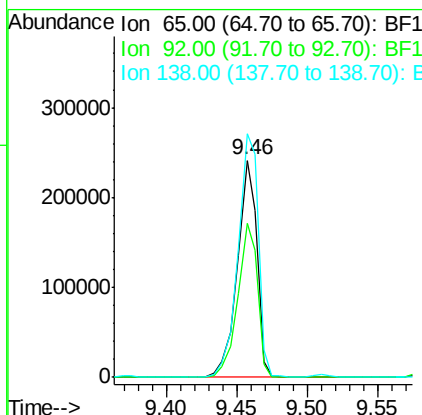
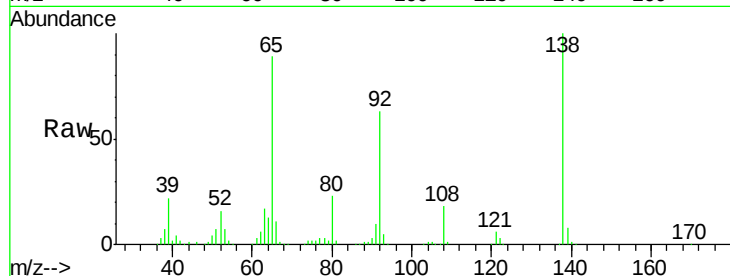




#48
2-Nitroaniline
Concen: 45.860 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

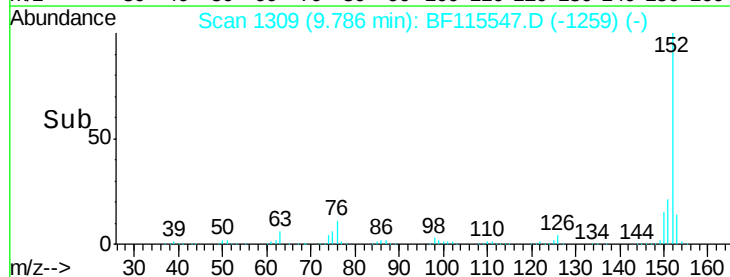
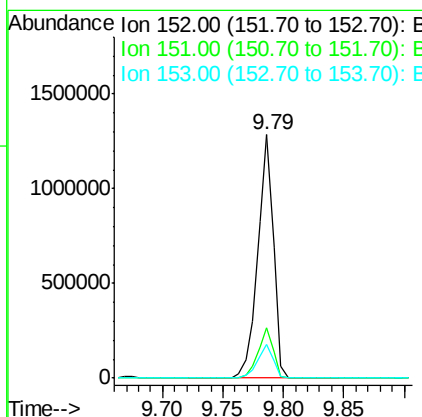
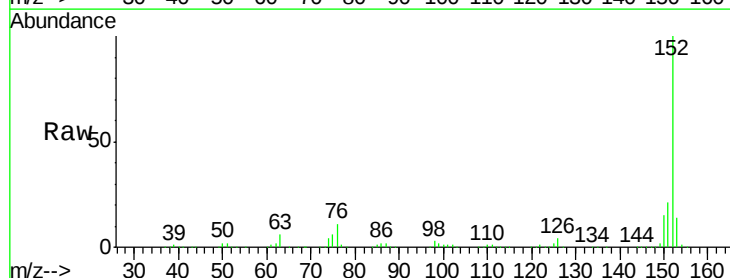
Instrument :
BNA_F
ClientSampleId :

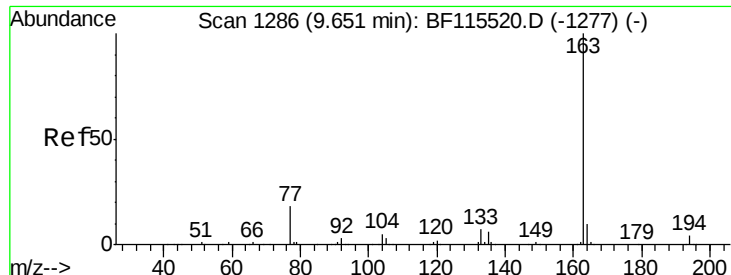
Tot Ion	Ratio	Lower	Upper
65	100		
92	70.7	57.8	86.6
138	112.2	91.2	136.8



#49
Acenaphthylene
Concen: 48.079 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.7	26.5
153	14.1	12.0	18.0

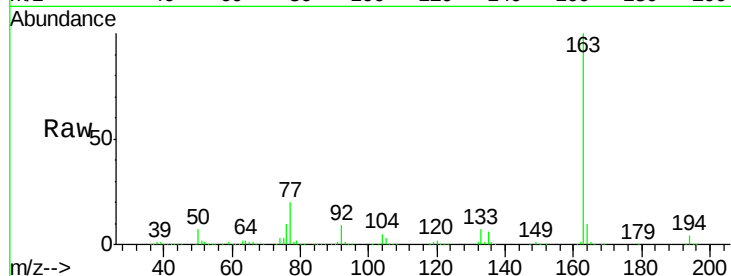




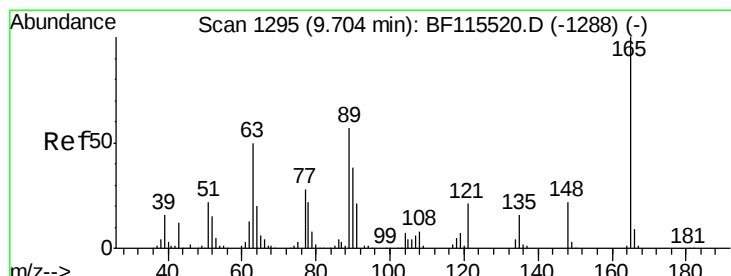
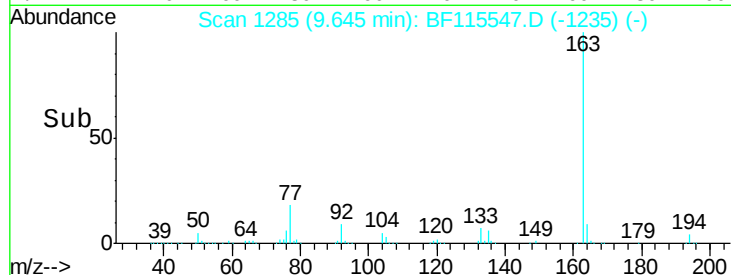
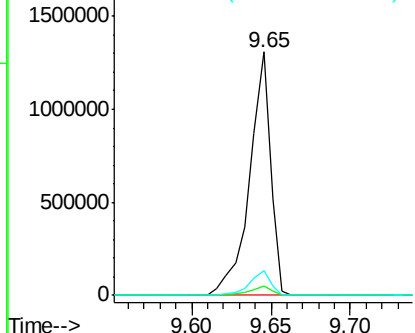
#50
Dimethylphthalate
Concen: 63.642 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1202900
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.7 13.1

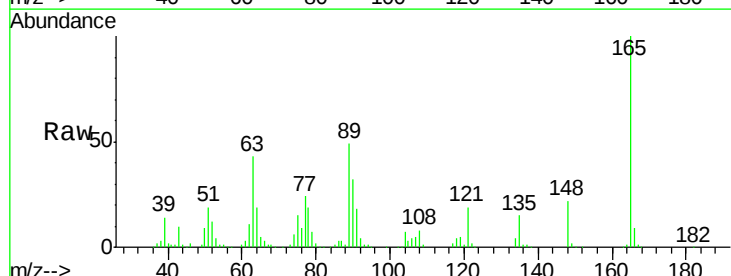


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

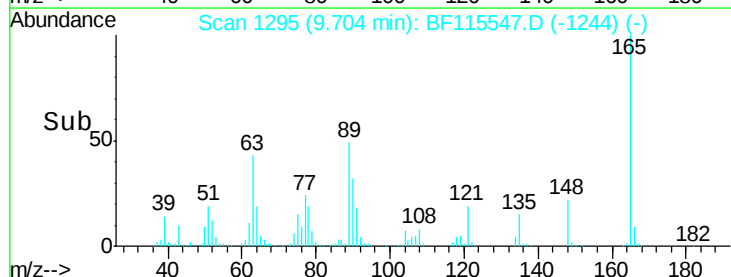
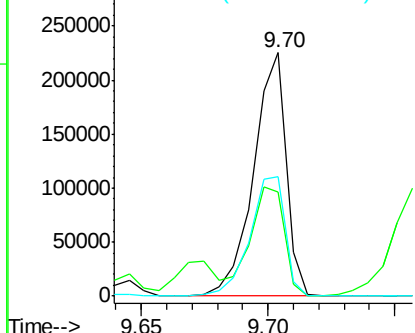


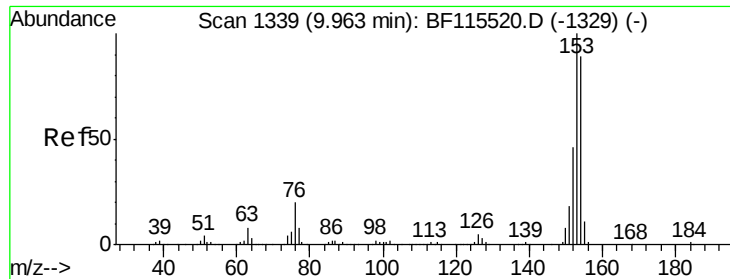
#51
2,6-Dinitrotoluene
Concen: 47.282 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion:165 Resp: 203095
Ion Ratio Lower Upper
165 100
63 43.0 40.6 61.0
89 49.1 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: 44.247 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

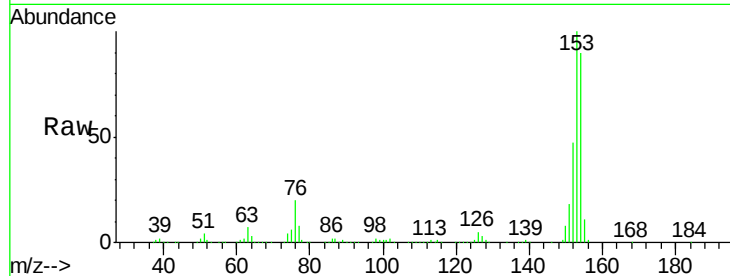
Tot Ion:154 Resp: 692212

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

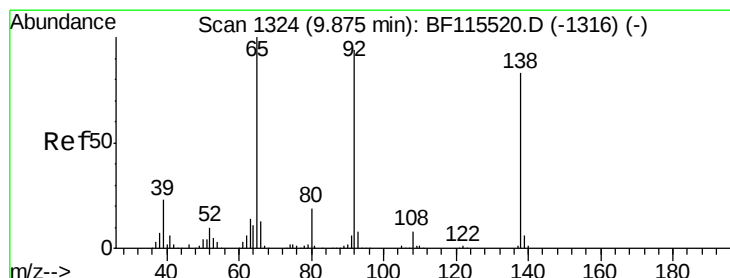
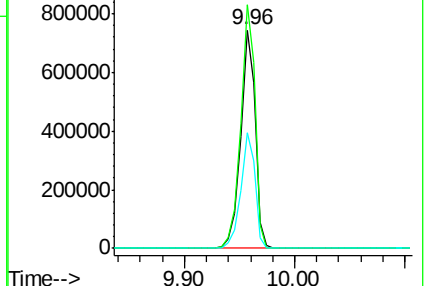
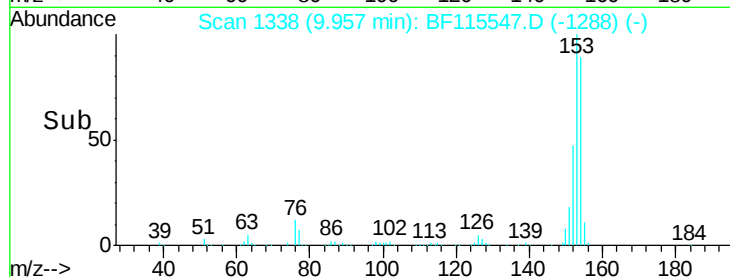
152 53.0 42.3 63.5



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: 35.438 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

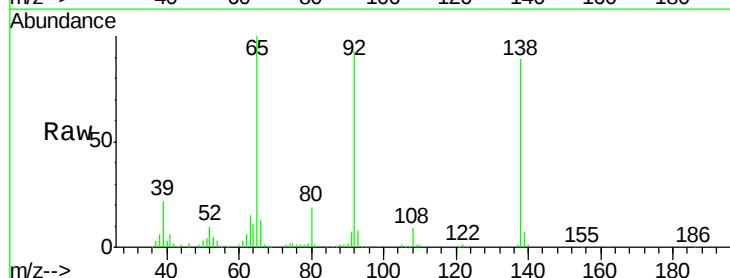
Tgt Ion:138 Resp: 173952

Ion Ratio Lower Upper

138 100

108 9.8 8.4 12.6

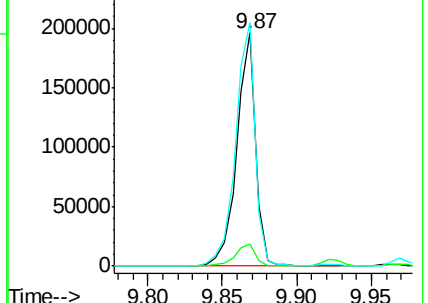
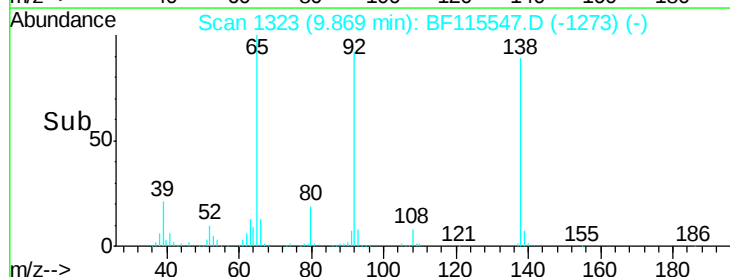
92 104.5 88.0 132.0

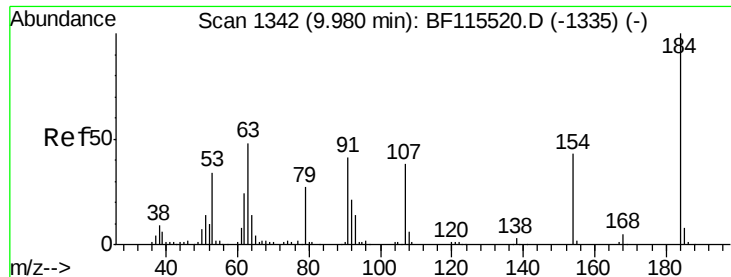


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

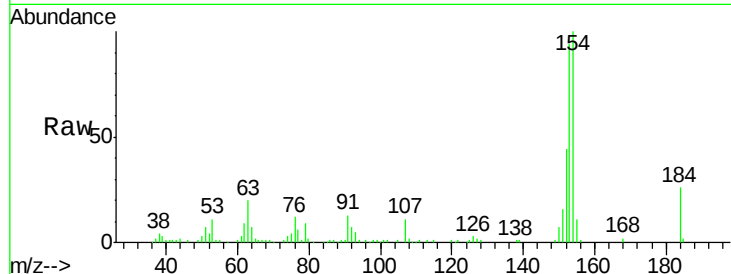




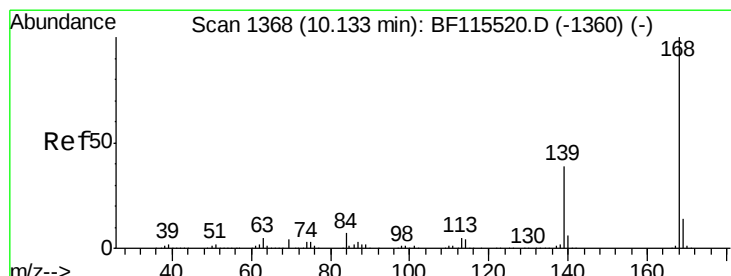
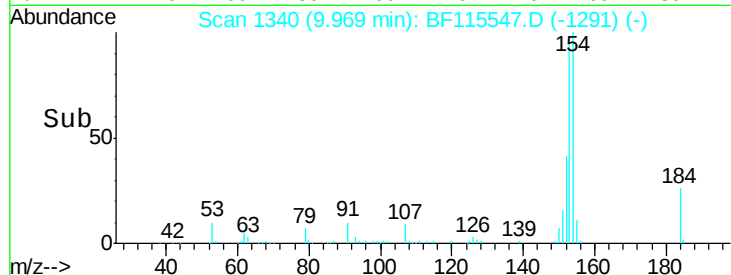
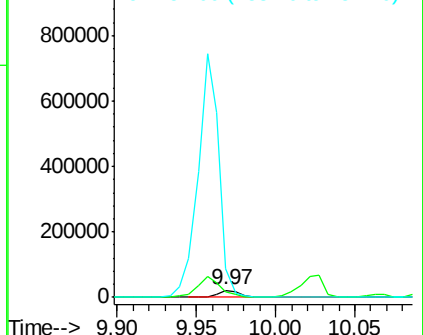
#54
2,4-Dinitrophenol
Concen: 9.530 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 21016
Ion Ratio Lower Upper
184 100
63 76.2 48.7 73.1#
154 388.5 48.6 73.0#

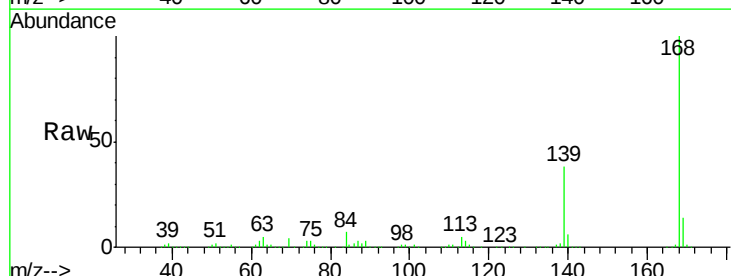


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

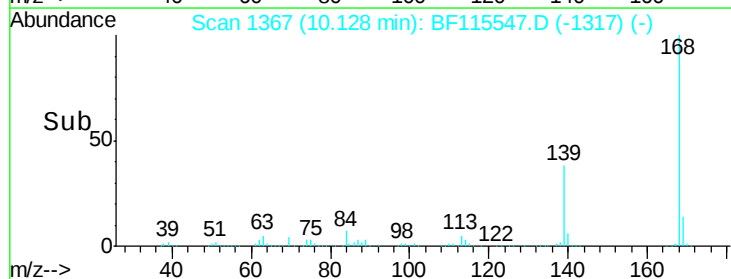
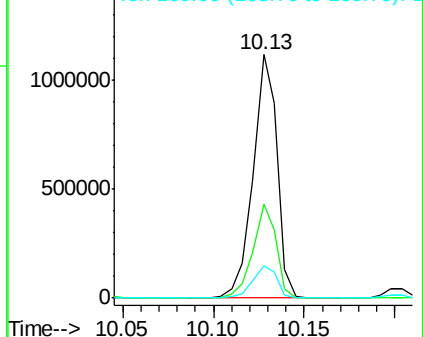


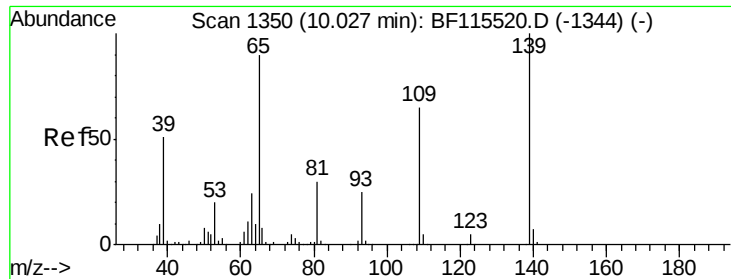
#55
Dibenzofuran
Concen: 46.038 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion:168 Resp: 1022820
Ion Ratio Lower Upper
168 100
139 38.4 31.1 46.7
169 13.5 11.1 16.7



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

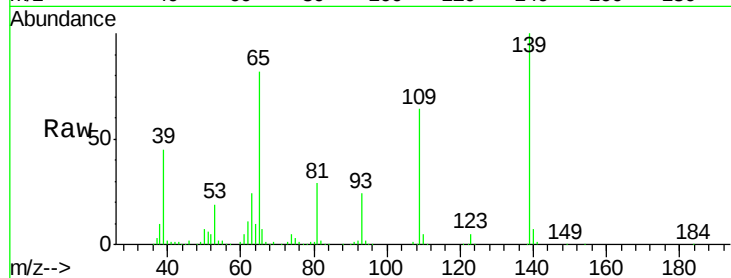




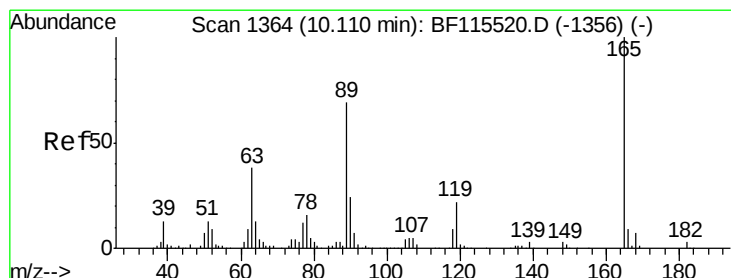
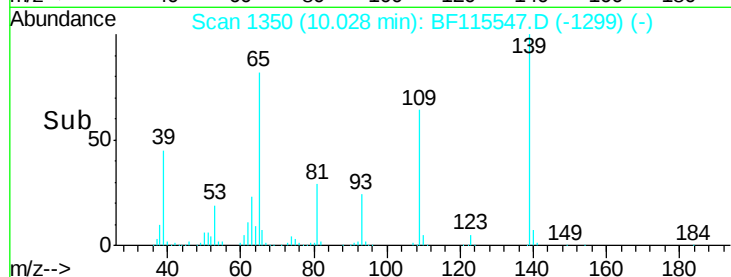
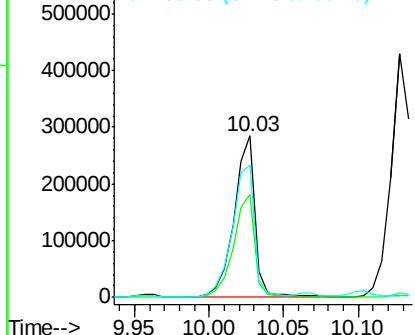
#56
4-Nitrophenol
Concen: 75.540 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 282749
Ion Ratio Lower Upper
139 100
109 63.7 46.4 86.4
65 82.4 68.9 108.9

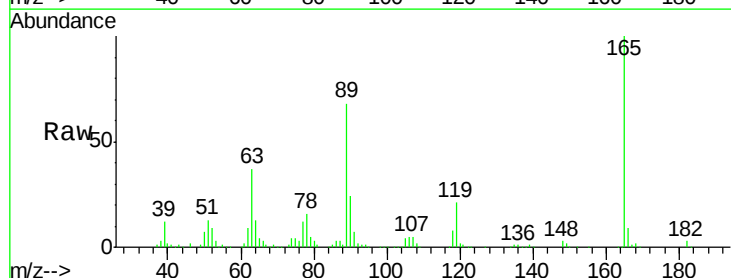


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

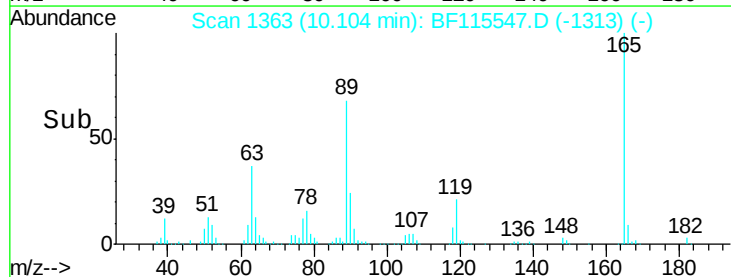
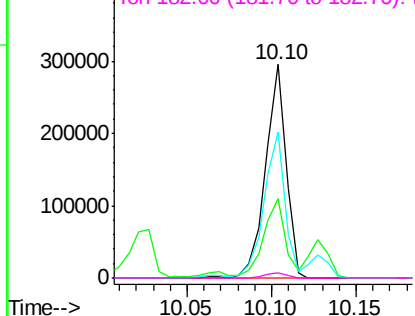


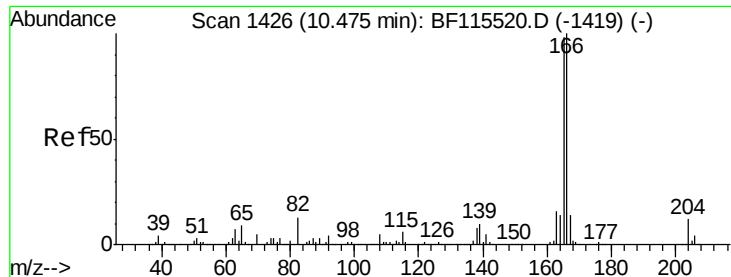
#57
2,4-Dinitrotoluene
Concen: 44.808 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion:165 Resp: 249352
Ion Ratio Lower Upper
165 100
63 37.2 34.9 52.3
89 68.2 57.5 86.3
182 2.6 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

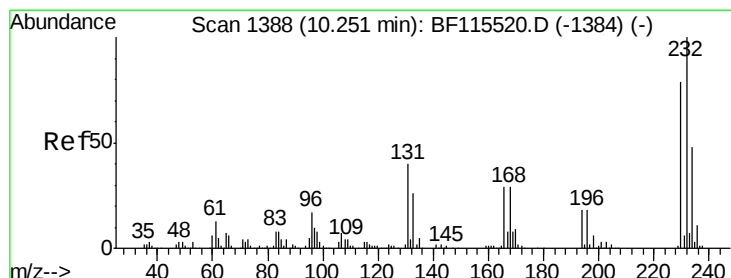
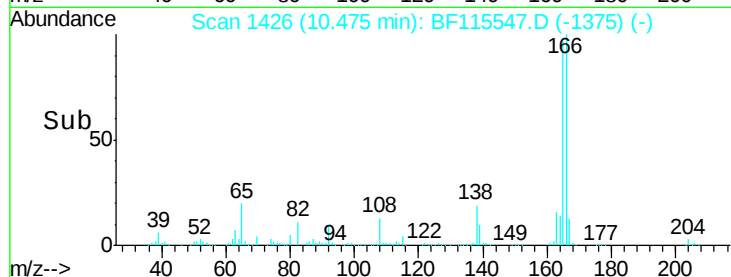
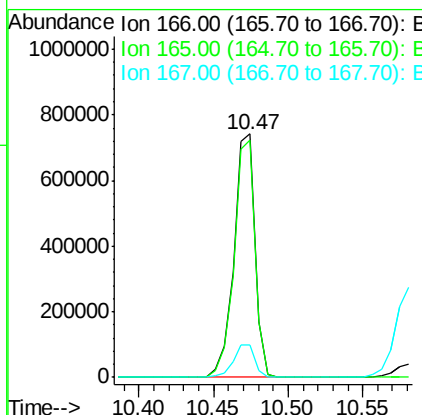
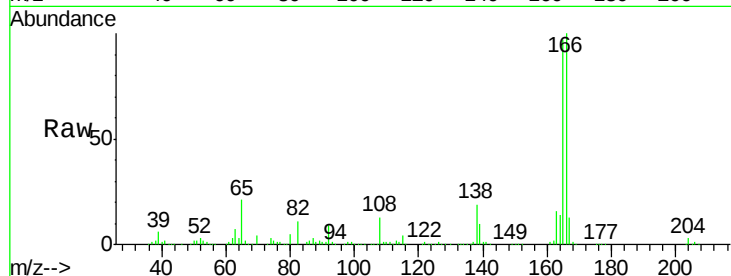




#58
 Fluorene
 Concen: 46.235 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

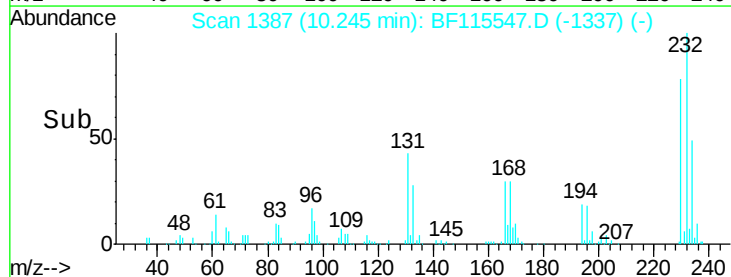
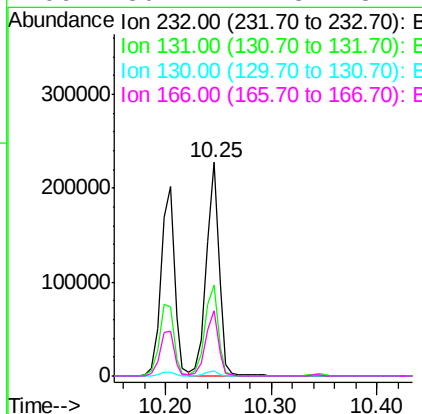
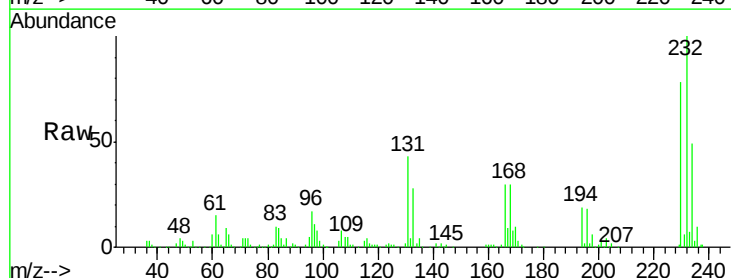
Instrument :
 BNA_F
 ClientSampleId :

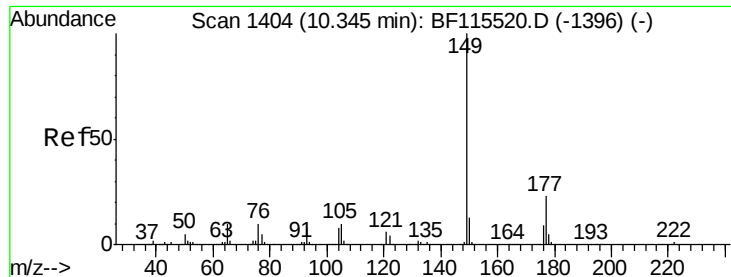
Tot Ion:166 Resp: 734334
 Ion Ratio Lower Upper
 166 100
 165 97.4 79.8 119.6
 167 13.1 11.2 16.8



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.230 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion:232 Resp: 190538
 Ion Ratio Lower Upper
 232 100
 131 44.1 35.9 53.9
 130 2.1 1.8 2.6
 166 30.1 24.8 37.2

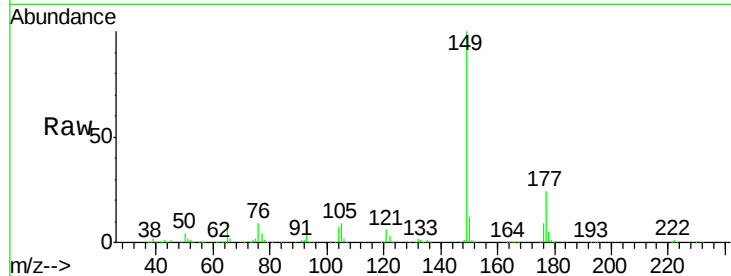




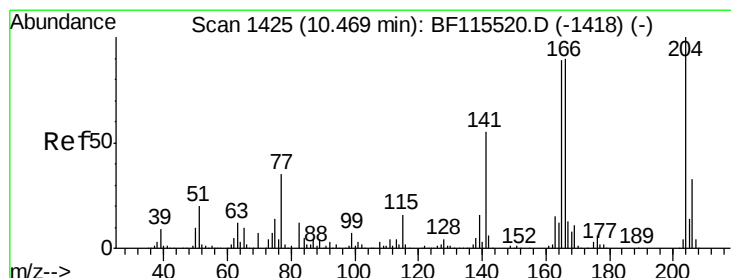
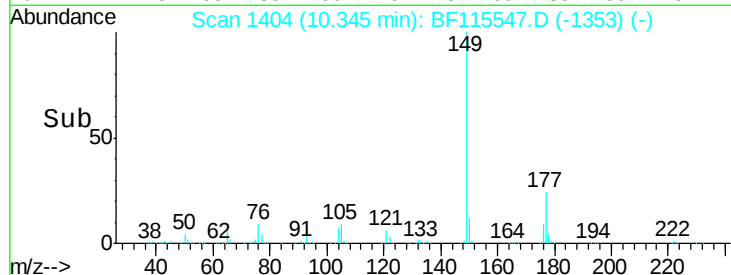
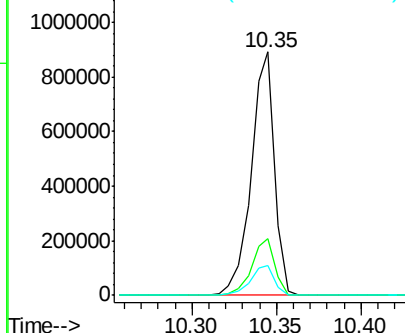
#60
Diethylphthalate
Concen: 48.475 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 858473
Ion Ratio Lower Upper
149 100
177 23.5 19.5 29.3
150 12.3 10.4 15.6

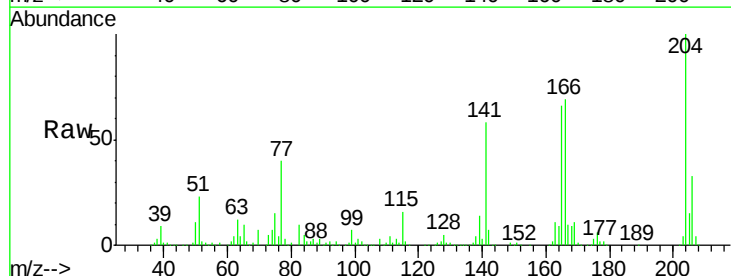


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

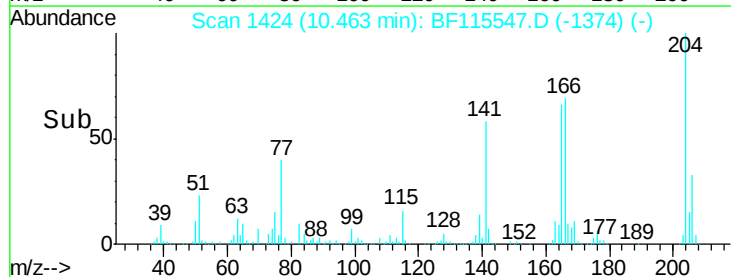
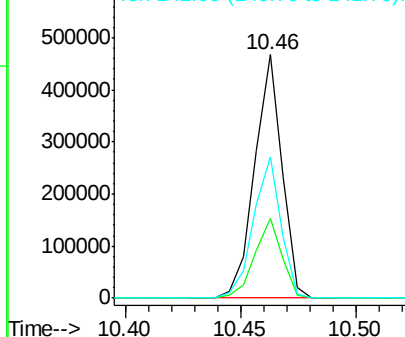


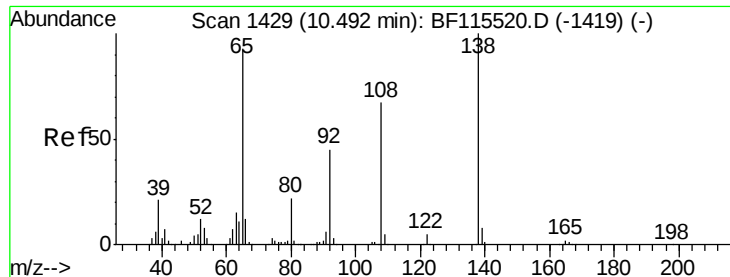
#61
4-Chlorophenyl-phenylether
Concen: 43.927 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion:204 Resp: 386900
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 58.1 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

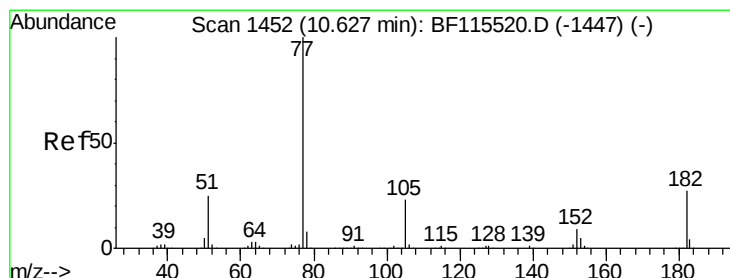
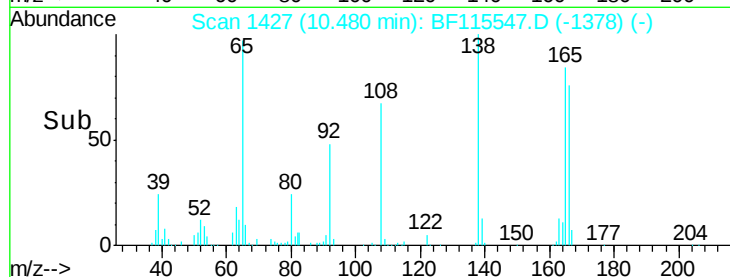
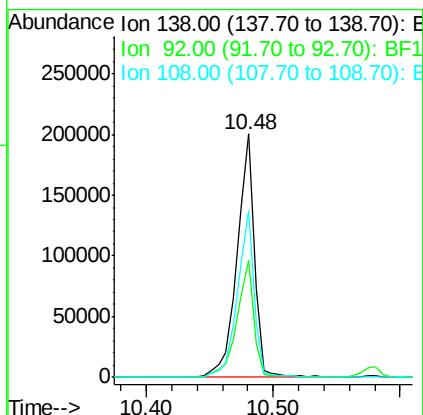
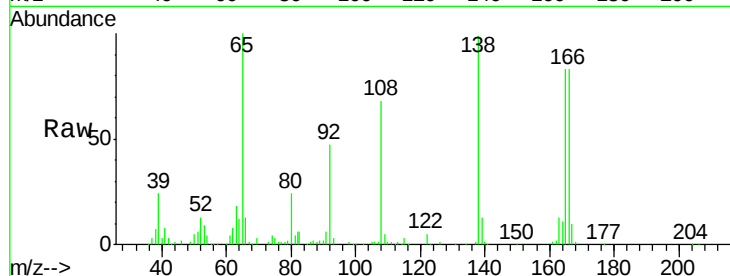




#62
4-Nitroaniline
Concen: 39.955 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

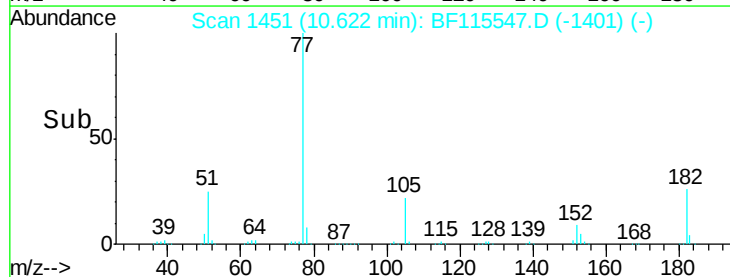
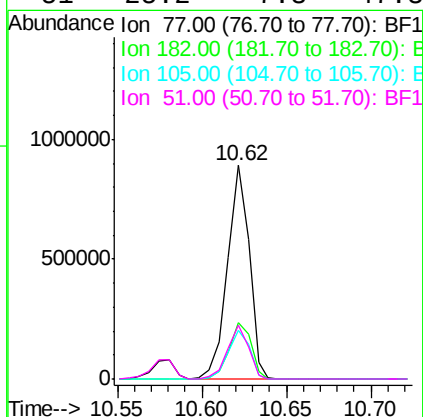
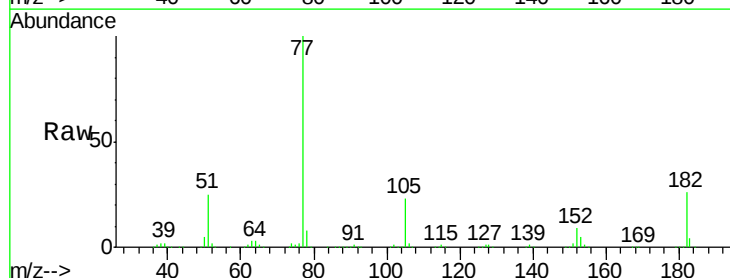
Instrument :
BNA_F
ClientSampled :

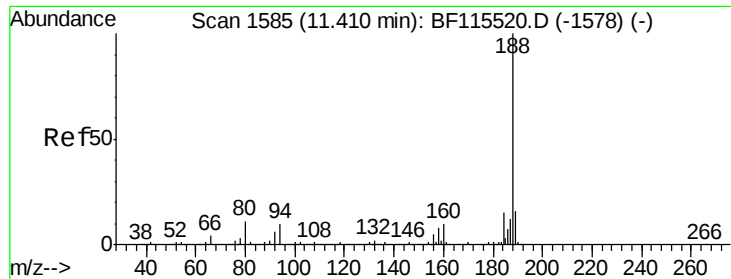
Tot Ion:138 Resp: 188123
Ion Ratio Lower Upper
138 100
92 47.9 27.1 67.1
108 68.7 48.0 88.0



#63
Azobenzene
Concen: 46.224 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion: 77 Resp: 794006
Ion Ratio Lower Upper
77 100
182 26.2 6.9 46.9
105 22.8 3.9 43.9
51 25.2 7.3 47.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

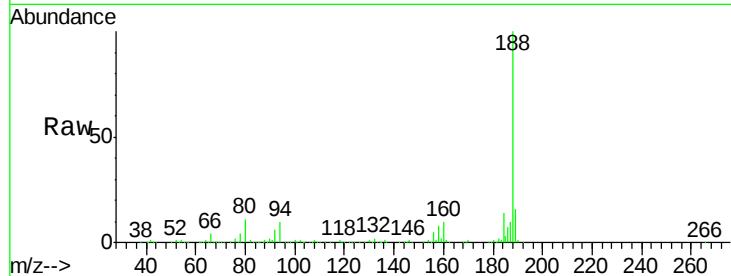
Tot Ion:188 Resp: 419145

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

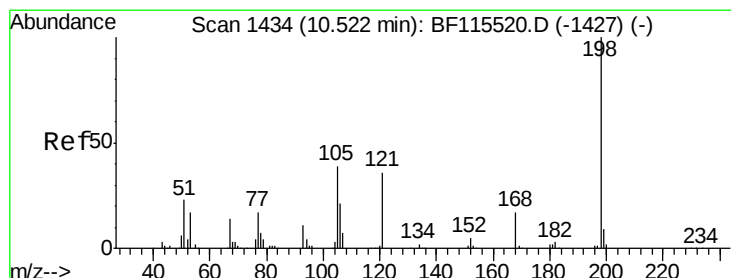
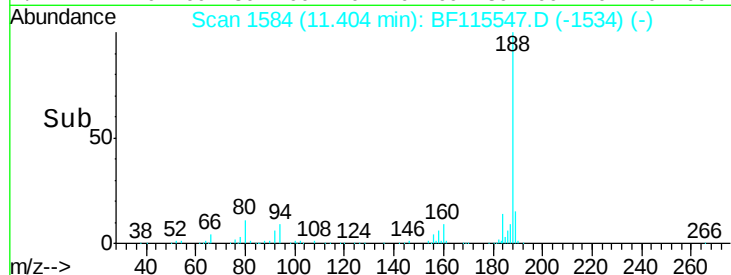
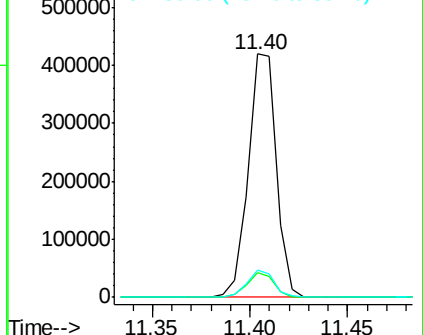
80 11.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 12.748 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

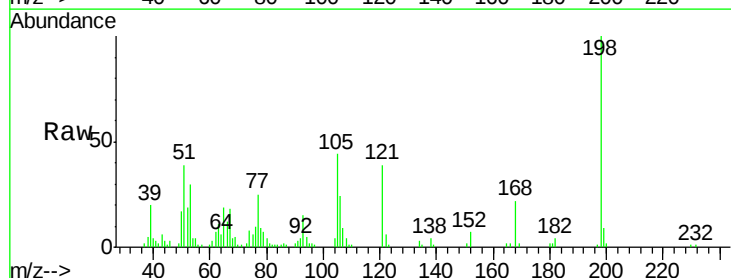
Tgt Ion:198 Resp: 32645

Ion Ratio Lower Upper

198 100

51 39.2 19.1 59.1

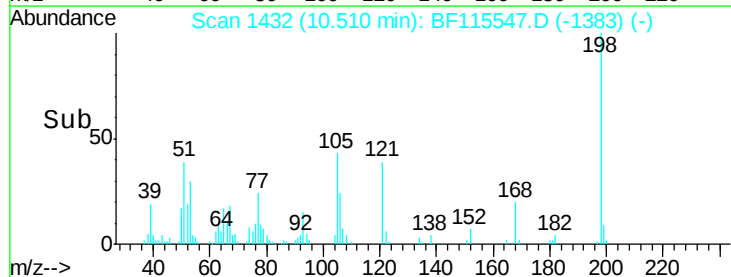
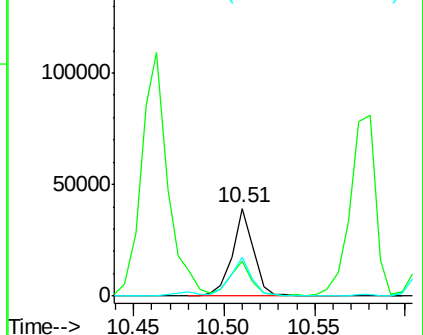
105 44.1 23.6 63.6

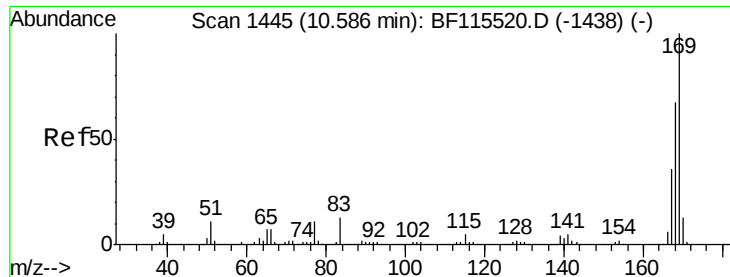


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

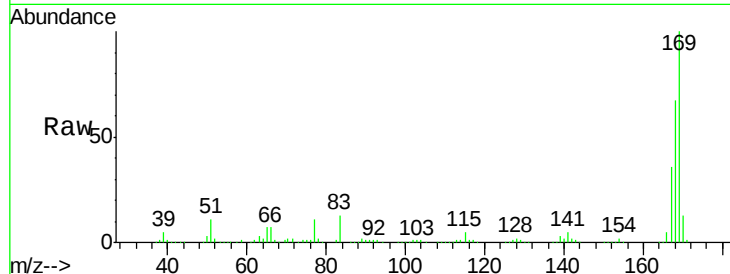




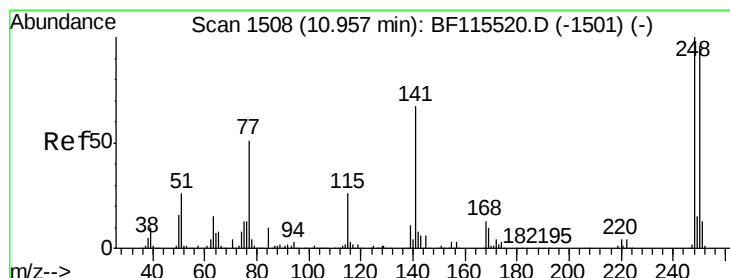
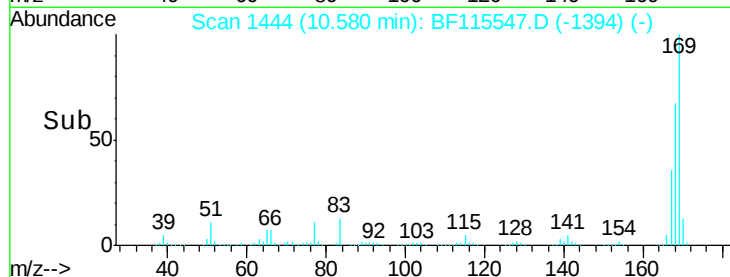
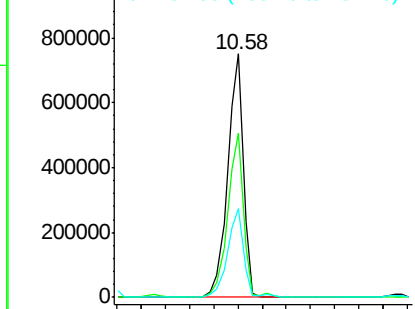
#66
 n-Nitrosodiphenylamine
 Concen: 51.761 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 674862
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.3 81.5
 167 36.4 30.2 45.2

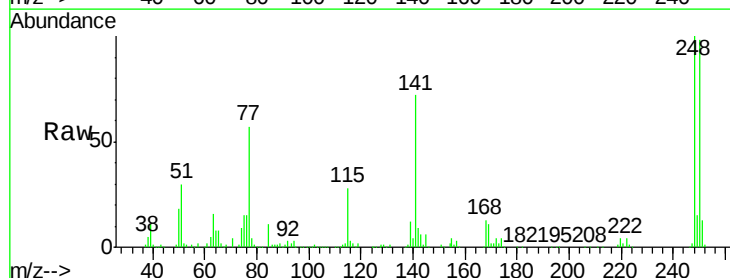


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

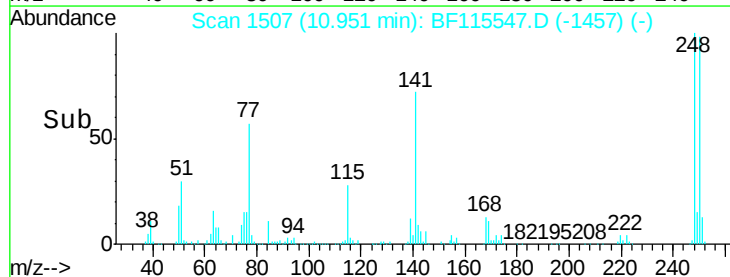
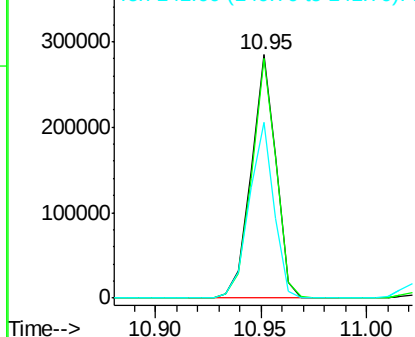


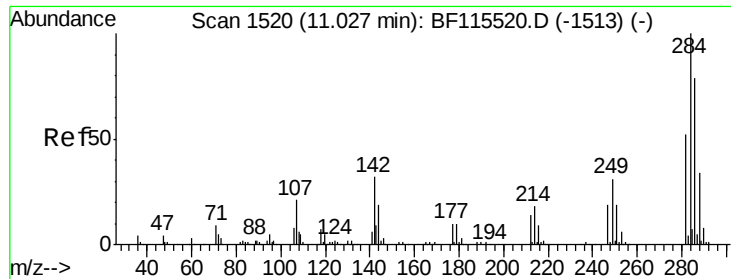
#67
 4-Bromophenyl-phenylether
 Concen: 48.491 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion:248 Resp: 232263
 Ion Ratio Lower Upper
 248 100
 250 98.4 78.0 117.0
 141 72.4 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

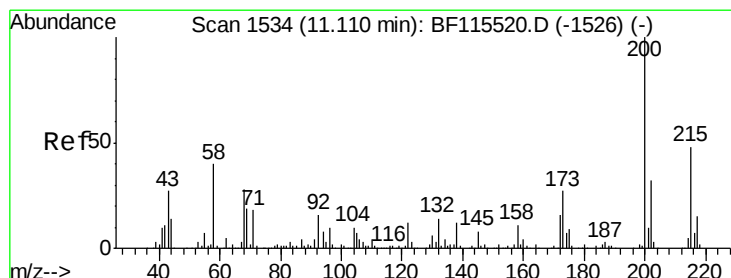
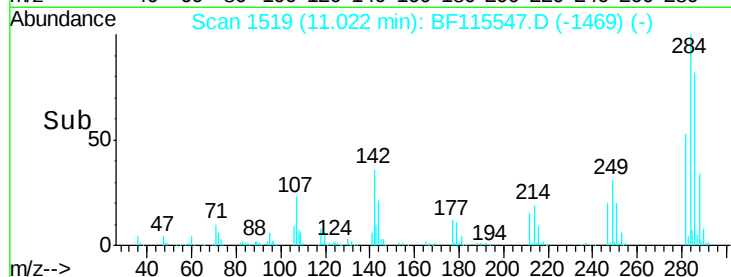
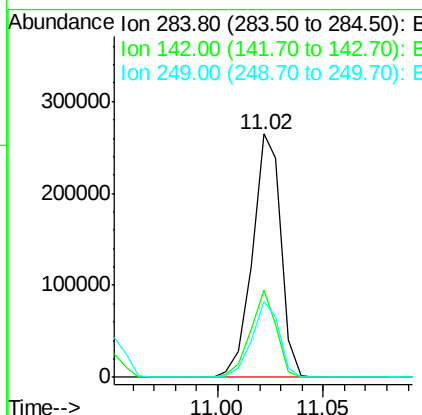
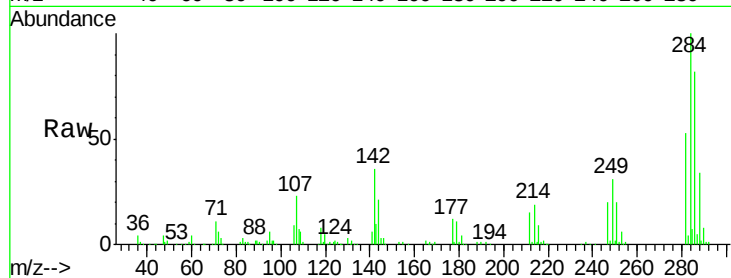




#68
Hexachlorobenzene
Concen: 45.274 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

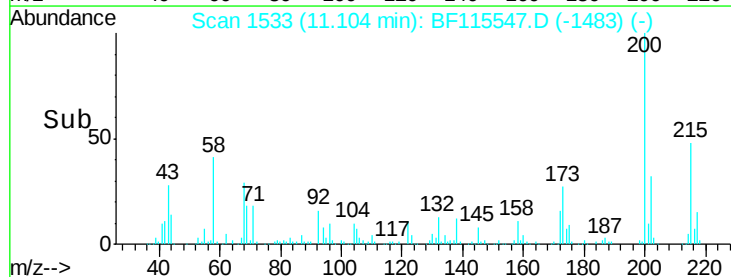
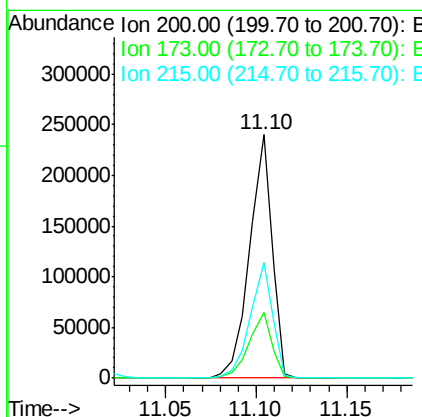
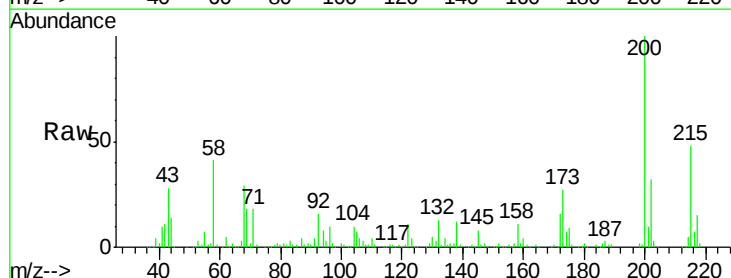
Instrument :
BNA_F
ClientSampleId :

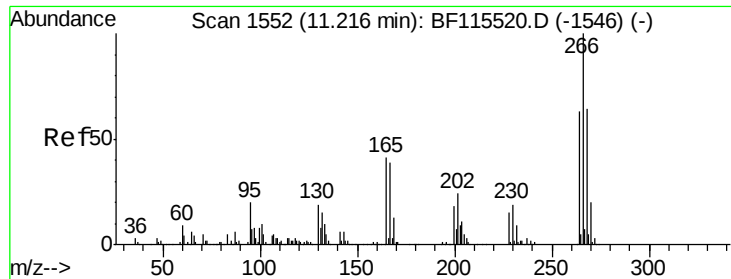
Tot Ion:284 Resp: 247648
Ion Ratio Lower Upper
284 100
142 35.7 22.2 33.2#
249 31.3 23.4 35.2



#69
Atrazine
Concen: 48.710 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion:200 Resp: 208343
Ion Ratio Lower Upper
200 100
173 27.2 6.9 46.9
215 47.7 27.9 67.9

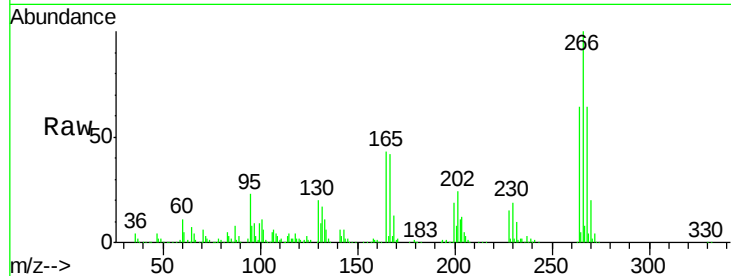




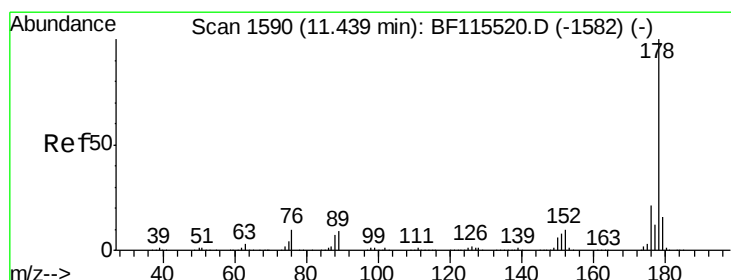
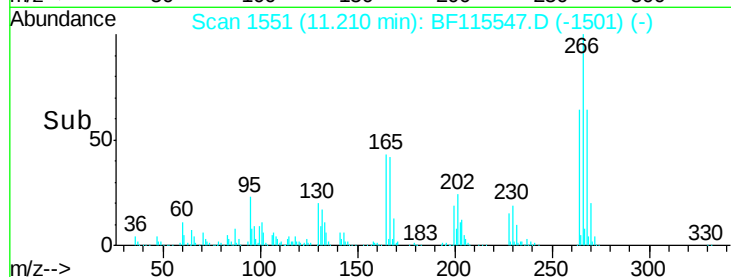
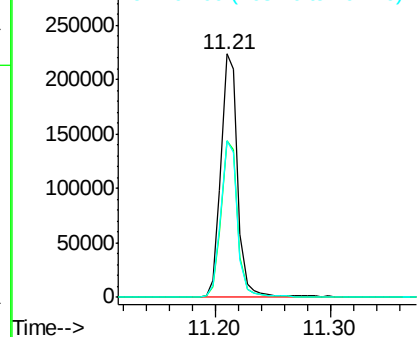
#70
 Pentachlorophenol
 Concen: 68.112 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 227874
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.6 77.4
 264 64.5 50.6 76.0

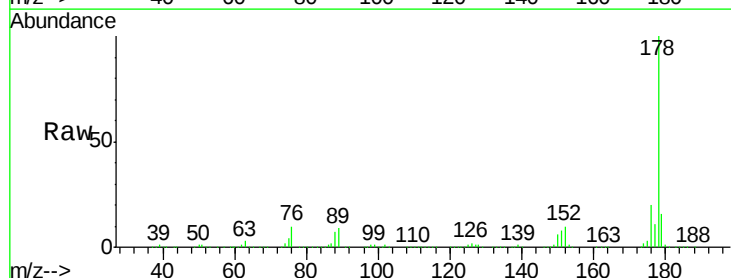


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

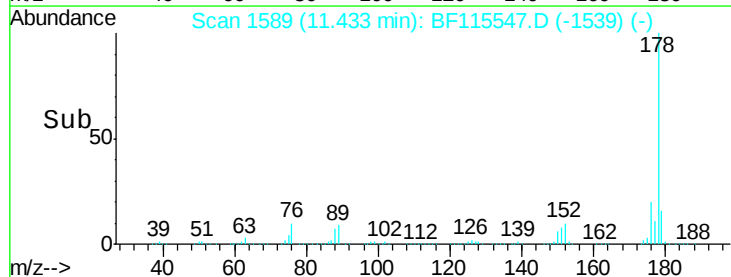
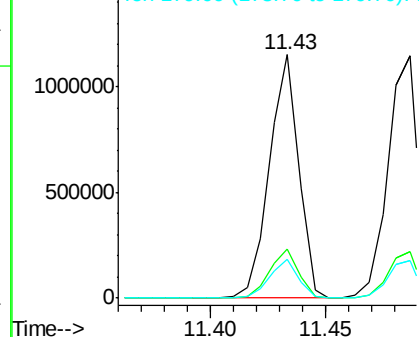


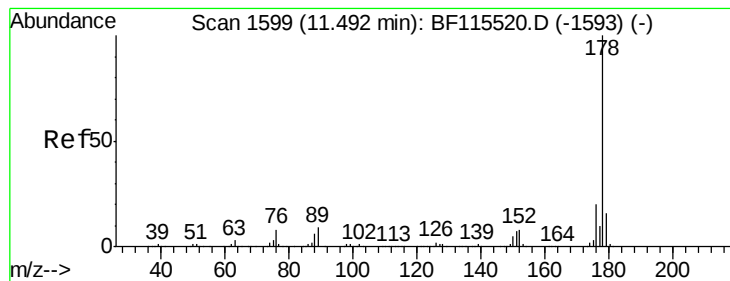
#71
 Phenanthrene
 Concen: 47.447 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF115547.D
 Acq: 13 Jul 2019 00:45

Tgt Ion:178 Resp: 1019392
 Ion Ratio Lower Upper
 178 100
 176 20.4 17.2 25.8
 179 15.9 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 47.313 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampled :

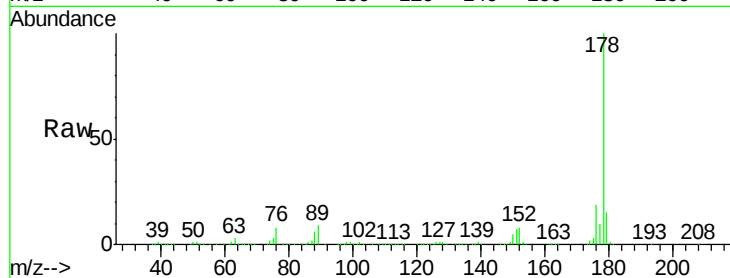
Tot Ion:178 Resp: 1050538

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.3	12.7	19.1

178 100

176 19.3 15.9 23.9

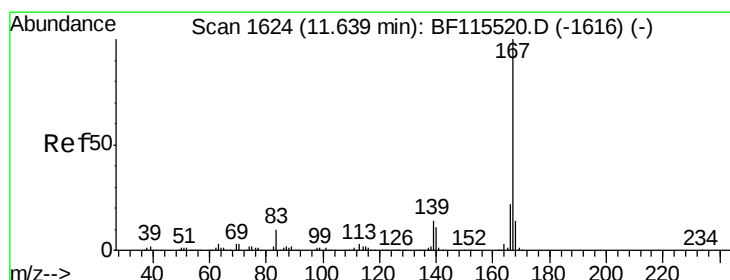
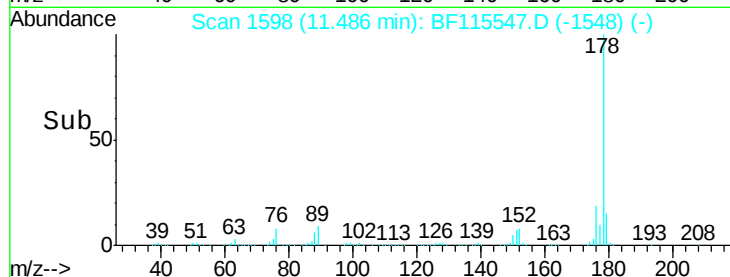
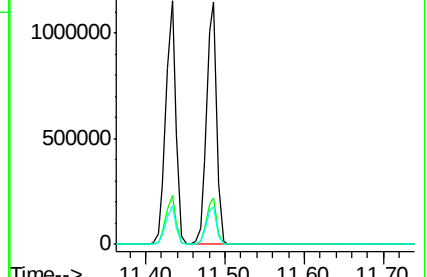
179 15.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 46.412 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

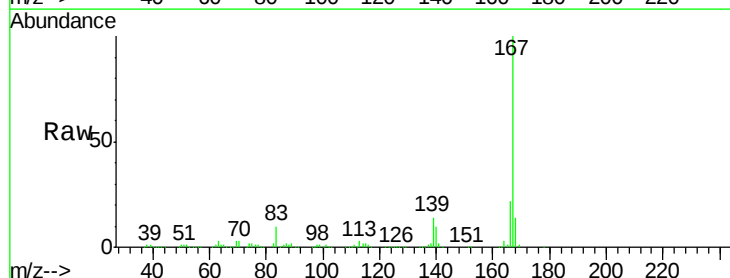
Tgt Ion:167 Resp: 903704

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.6	11.3	16.9

167 100

166 22.0 18.1 27.1

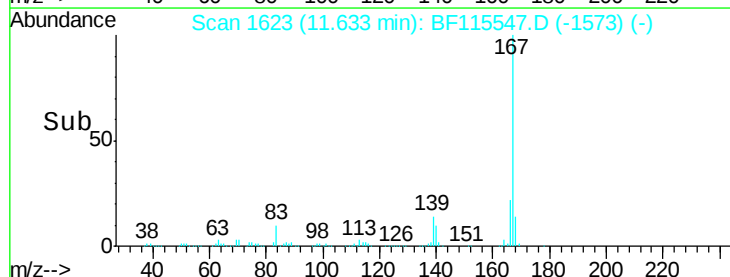
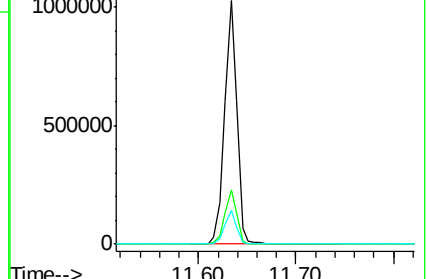
139 13.6 11.3 16.9

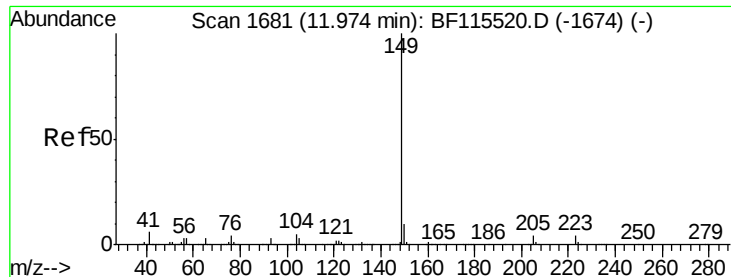


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 49.257 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

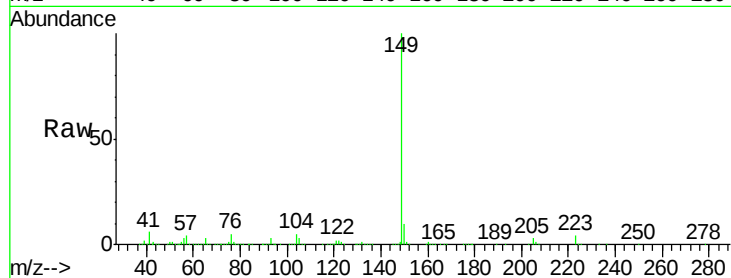
Tot Ion:149 Resp: 1181381

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

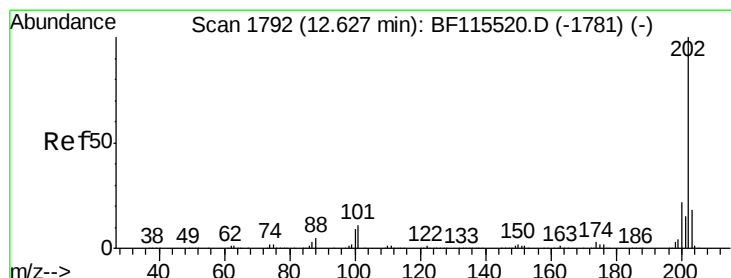
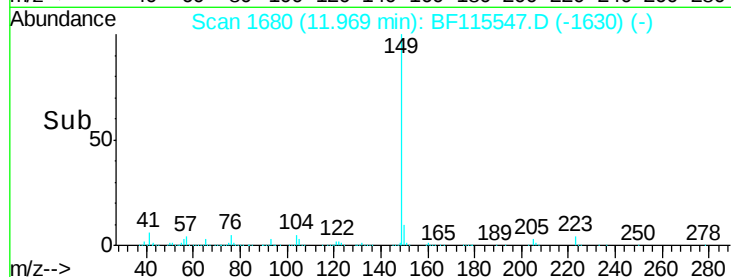
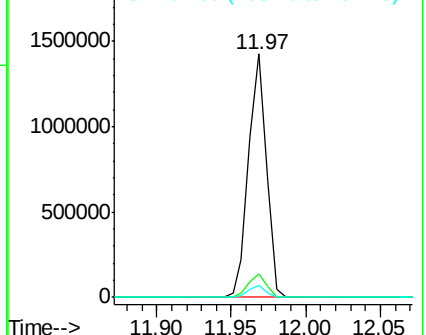
104 4.9 3.8 5.8



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: 42.295 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

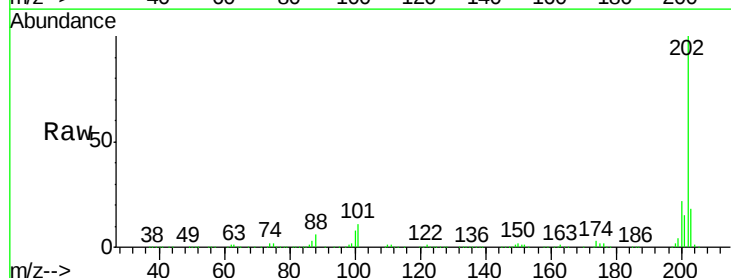
Tgt Ion:202 Resp: 960261

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

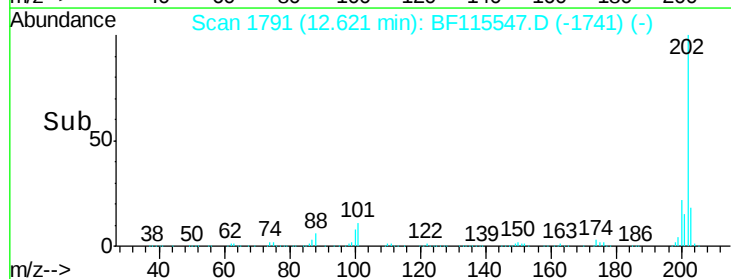
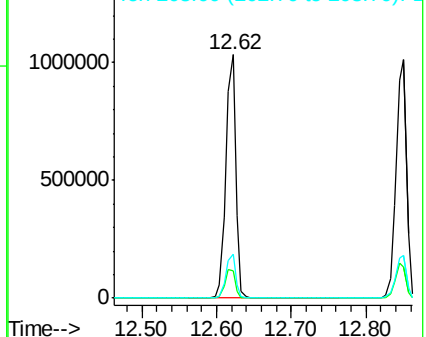
203 17.9 0.0 38.1

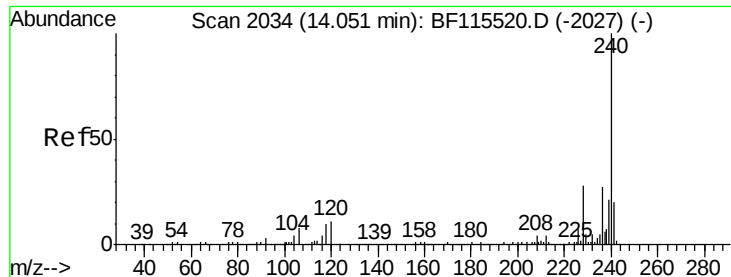


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

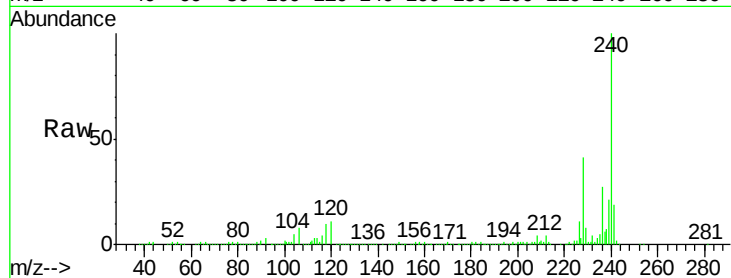
Tot Ion:240 Resp: 292858

Ion Ratio Lower Upper

240 100

120 11.2 8.6 13.0

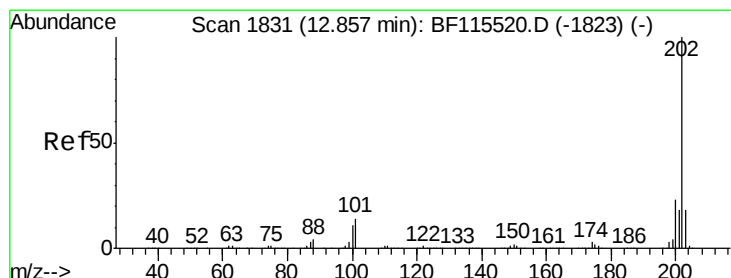
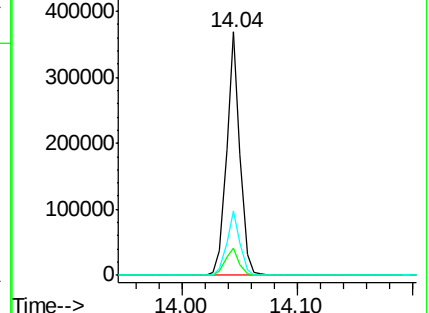
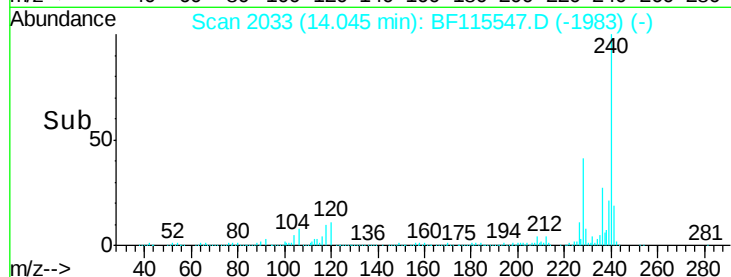
236 26.7 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 39.046 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

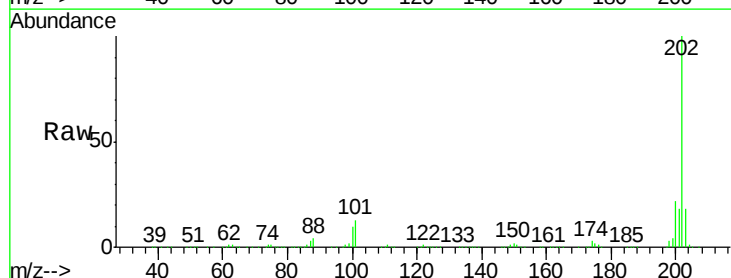
Tgt Ion:202 Resp: 968821

Ion Ratio Lower Upper

202 100

200 21.7 18.7 28.1

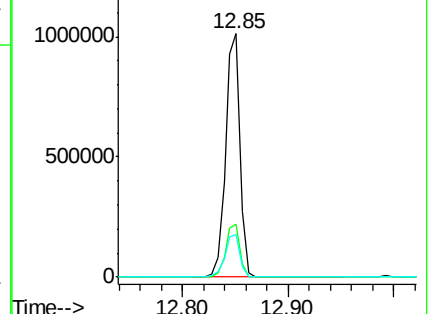
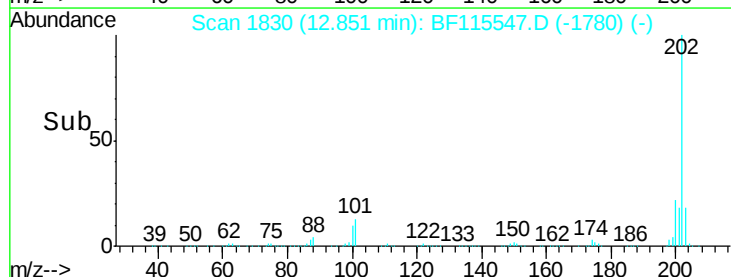
203 17.7 15.2 22.8

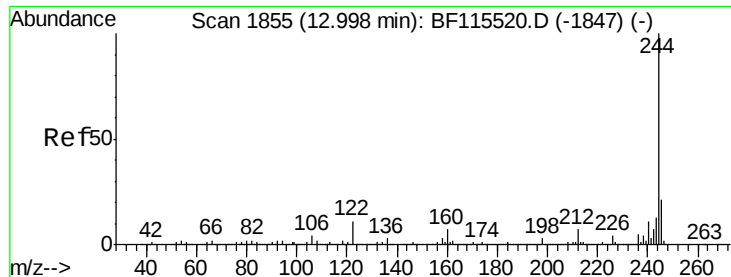


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.796 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

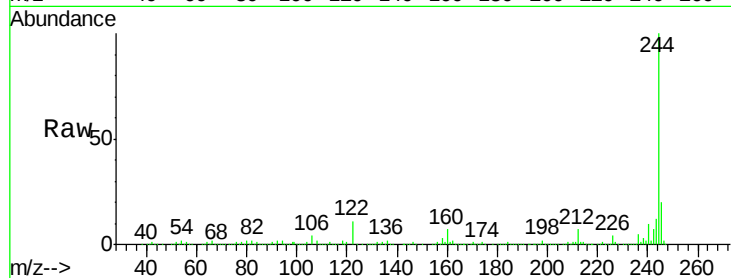
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1377585

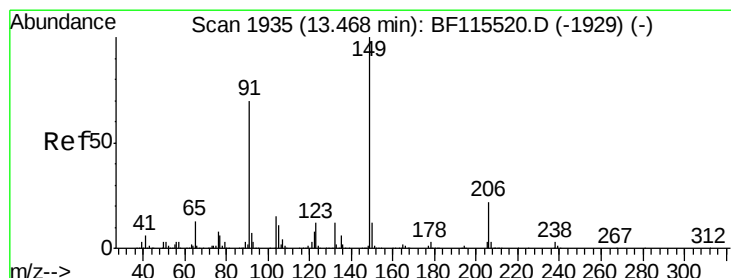
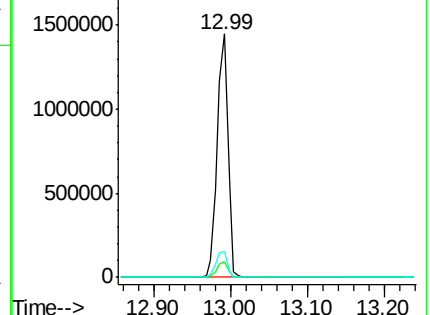
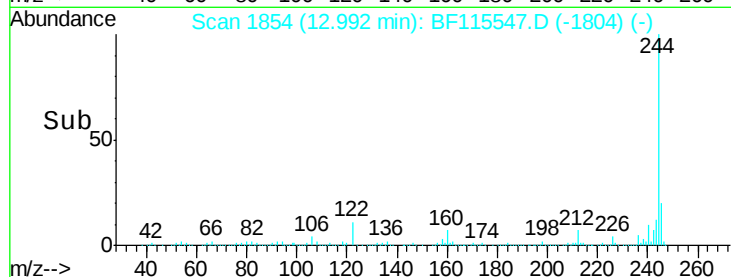
Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	10.6	8.6	12.8



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: 40.081 ng

RT: 13.46 min Scan# 1934

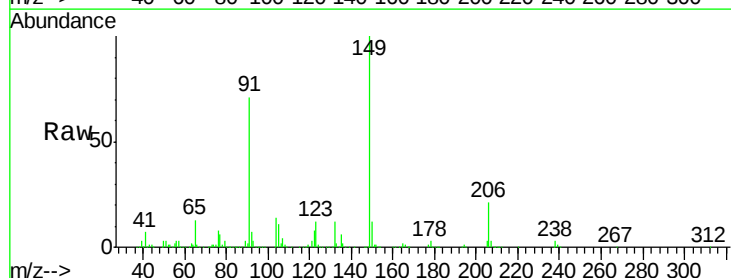
Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Tgt Ion:149 Resp: 423950

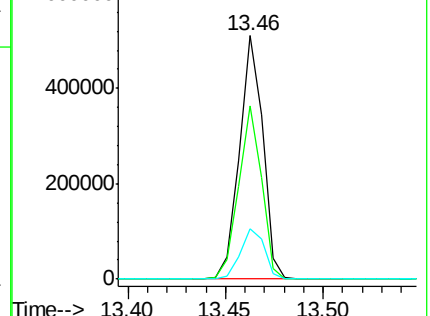
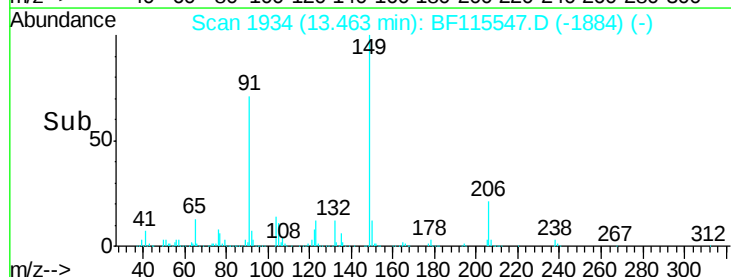
Ion	Ratio	Lower	Upper
149	100		
91	71.2	55.8	83.8
206	20.6	18.2	27.2

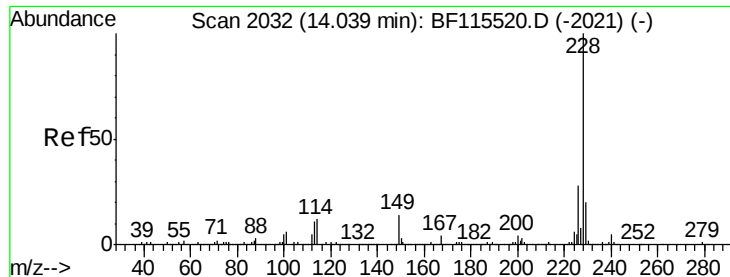


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.906 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

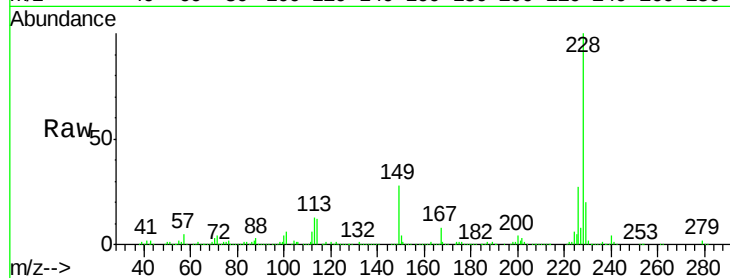
Tot Ion:228 Resp: 847101

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.0
229	20.5	17.2	25.8

228 100

226 27.5 23.4 35.0

229 20.5 17.2 25.8

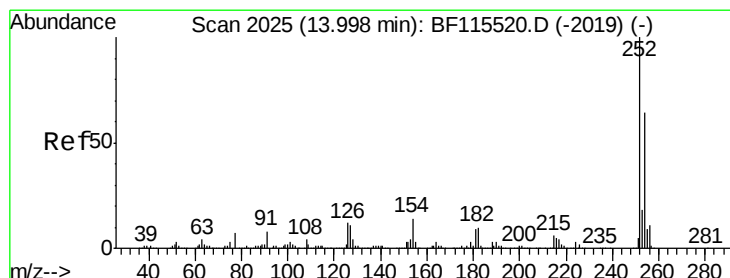
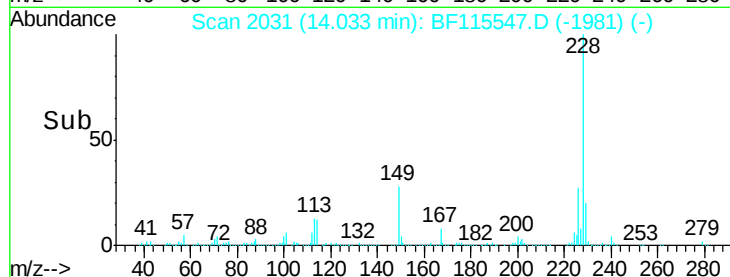
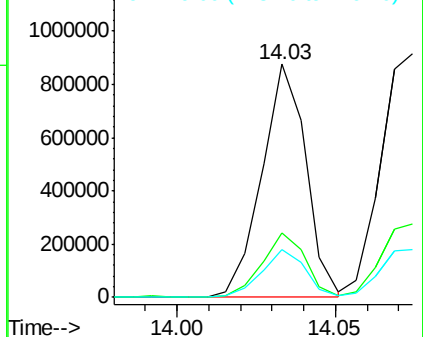


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.113 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

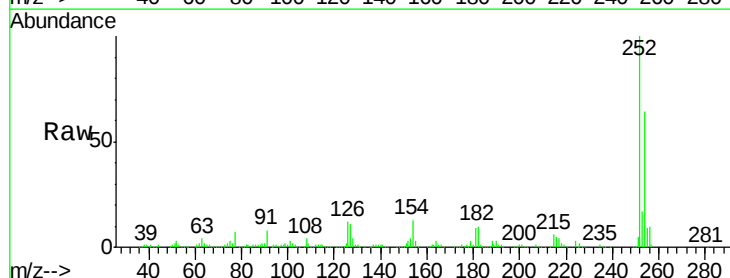
Tgt Ion:252 Resp: 261409

Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.9	79.3
126	11.7	9.9	14.9

252 100

254 63.6 52.9 79.3

126 11.7 9.9 14.9

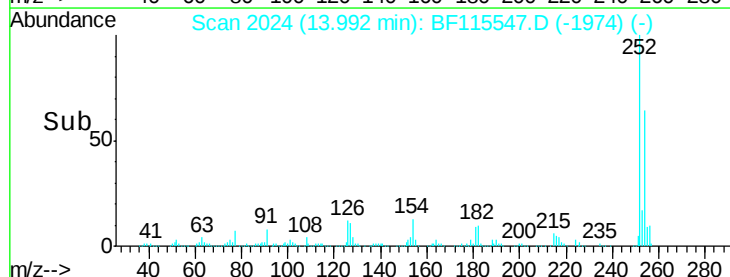
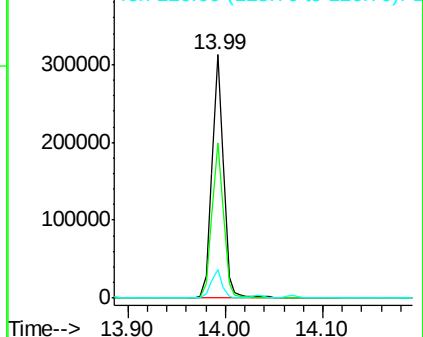


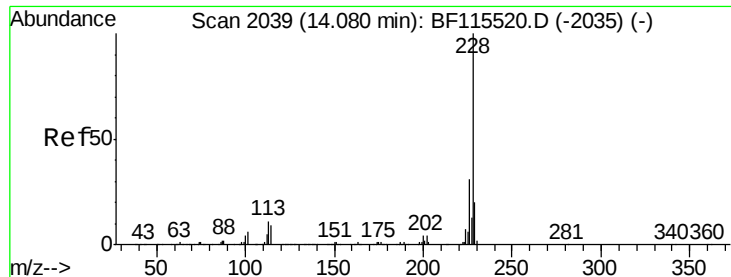
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 45.638 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

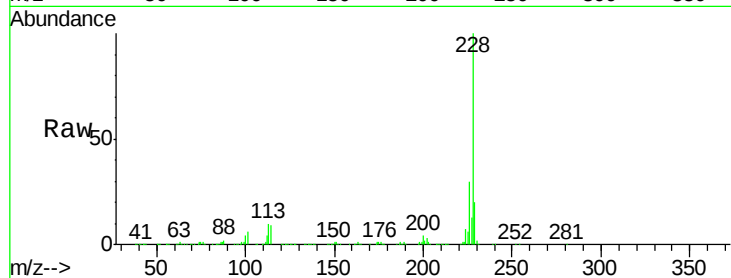
Tot Ion:228 Resp: 883928

Ion Ratio Lower Upper

228 100

226 30.3 25.7 38.5

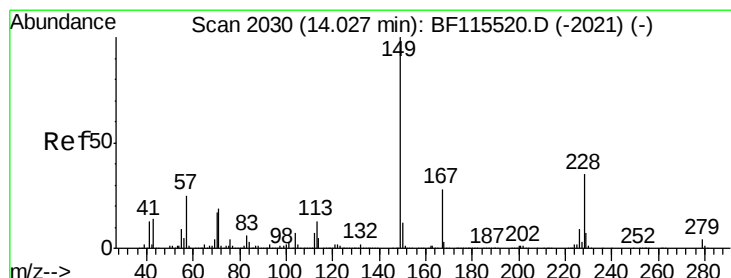
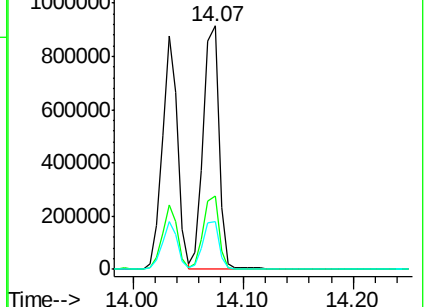
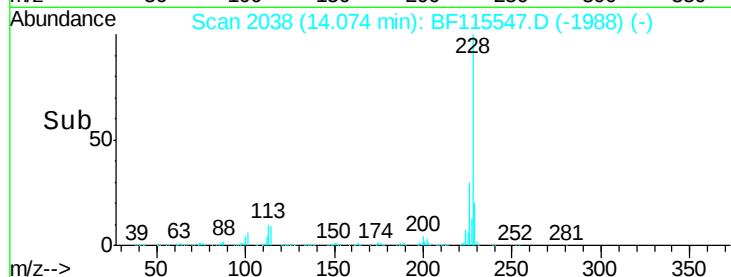
229 19.7 16.6 25.0



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: 44.809 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

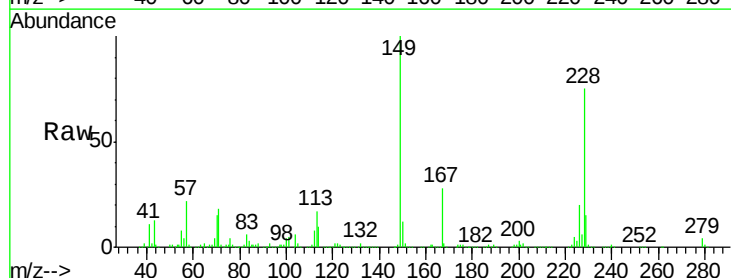
Tgt Ion:149 Resp: 587085

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

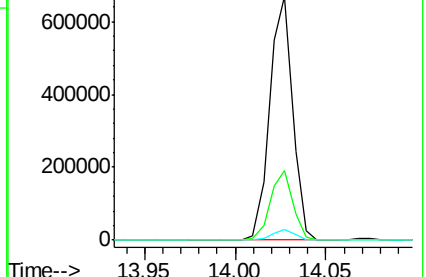
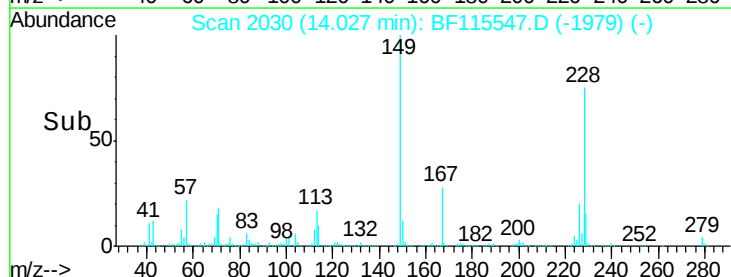
279 4.4 4.2 6.2

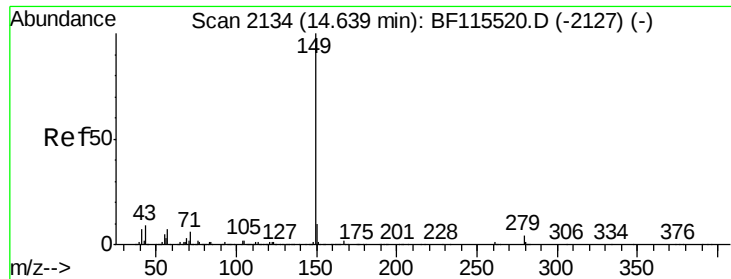


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.787 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

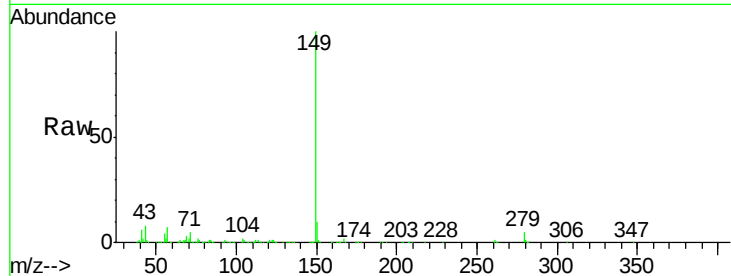
Tot Ion:149 Resp: 1058717

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

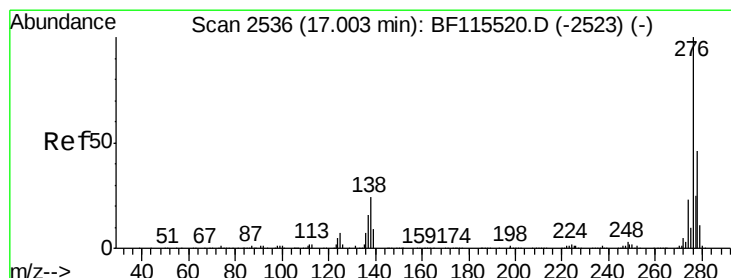
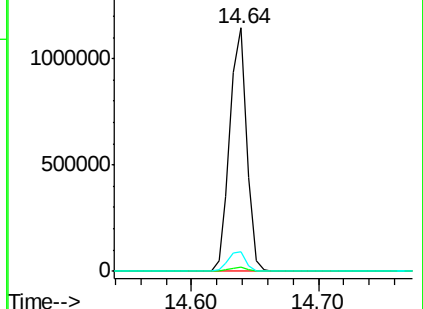
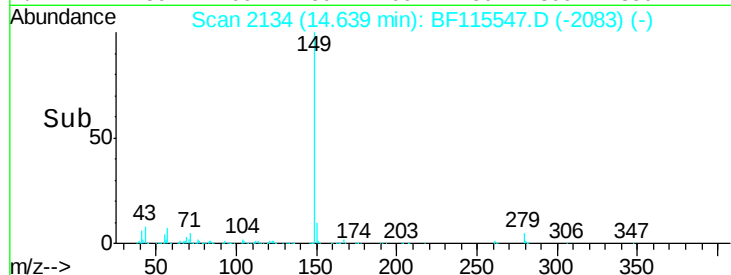
43 8.4 7.2 10.8



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: 45.509 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

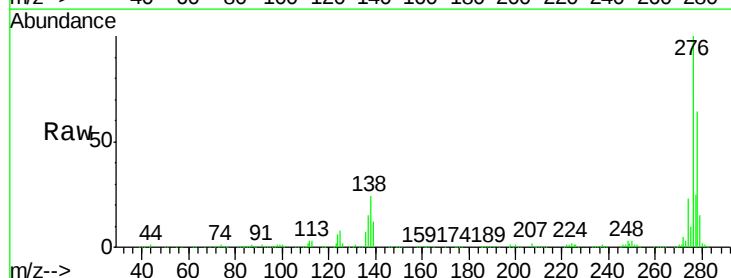
Tgt Ion:276 Resp: 748841

Ion Ratio Lower Upper

276 100

138 25.6 20.2 30.2

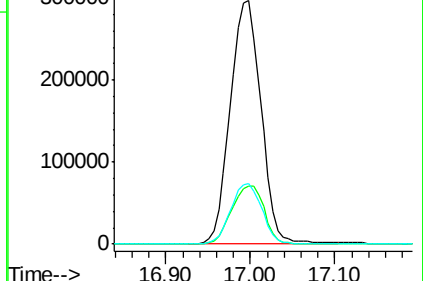
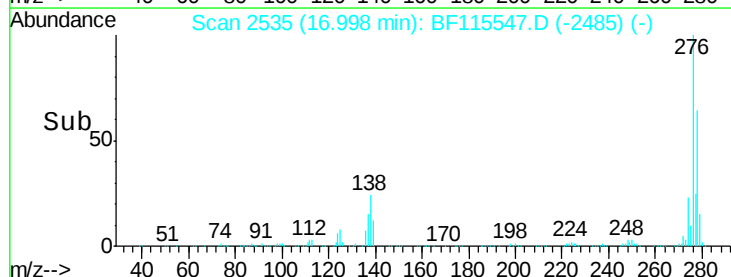
277 25.5 20.4 30.6

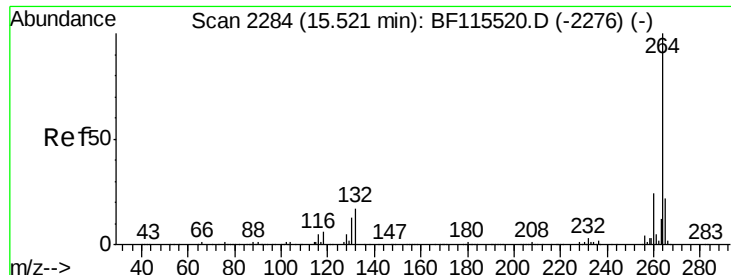


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

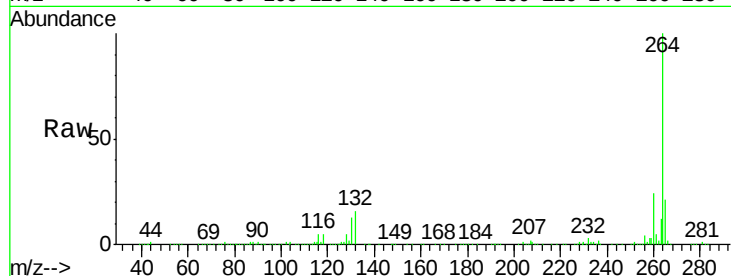




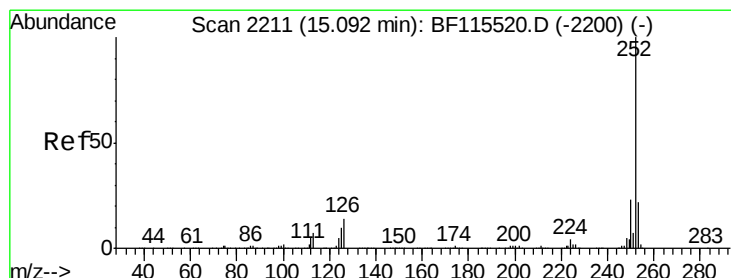
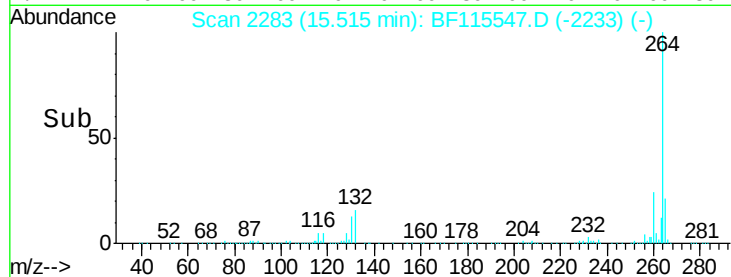
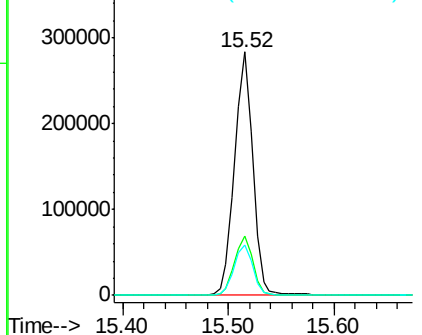
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 339301
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.8
265 20.9 17.7 26.5

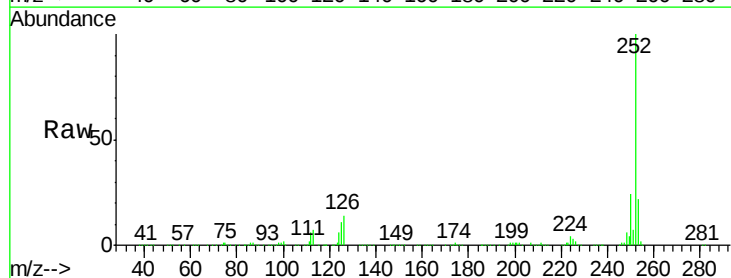


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

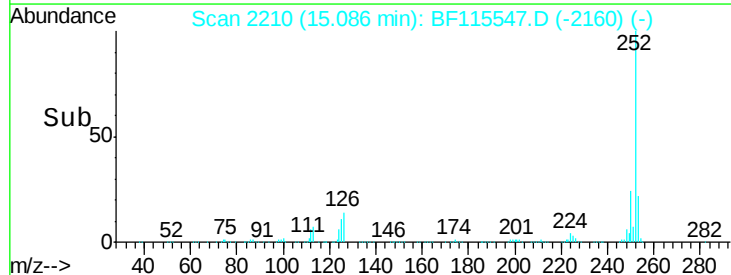
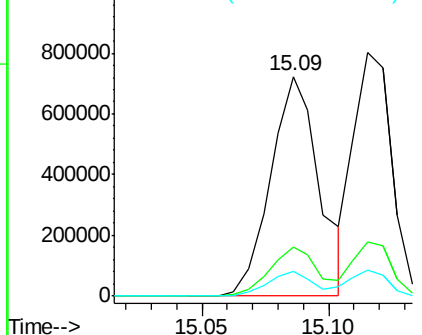


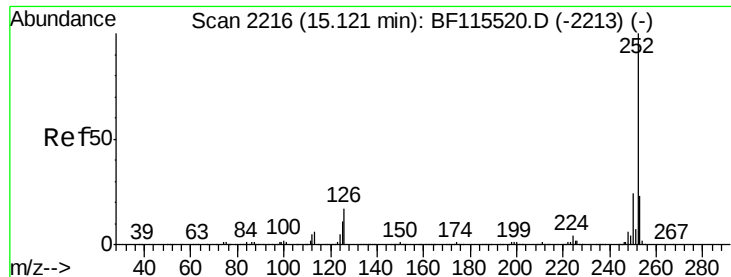
#88
Benzo(b)fluoranthene
Concen: 44.425 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115547.D
Acq: 13 Jul 2019 00:45

Tgt Ion:252 Resp: 970603
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 11.2 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: 44.036 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

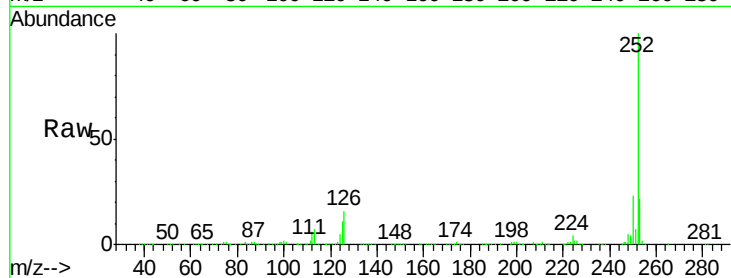
Tot Ion:252 Resp: 857778

Ion Ratio Lower Upper

252 100

253 22.1 18.6 28.0

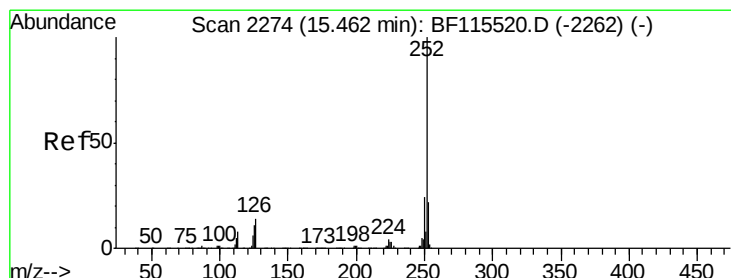
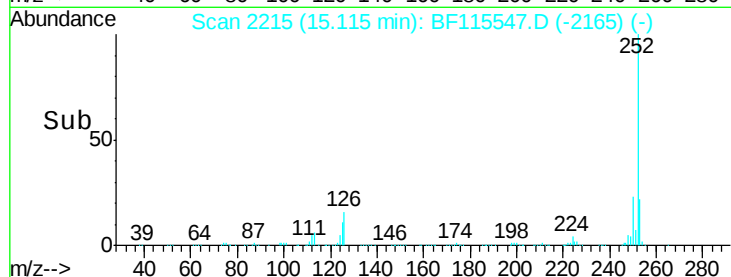
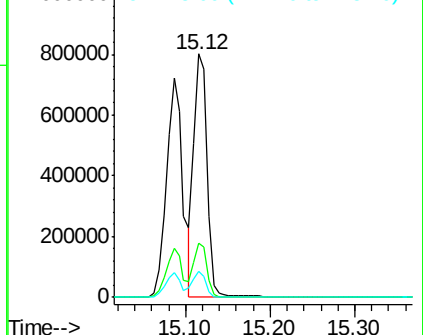
125 10.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.275 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

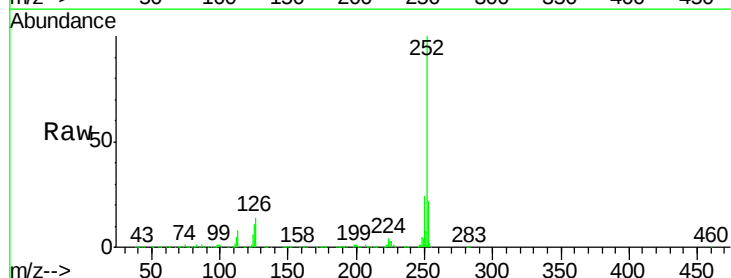
Tgt Ion:252 Resp: 850186

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

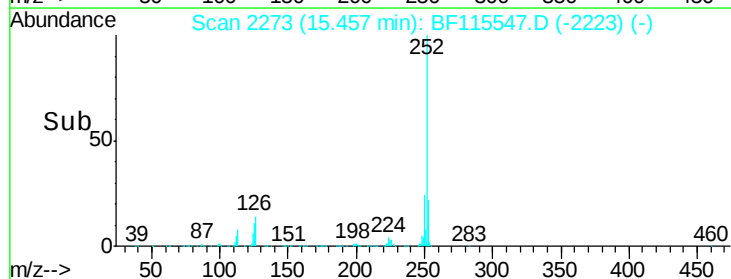
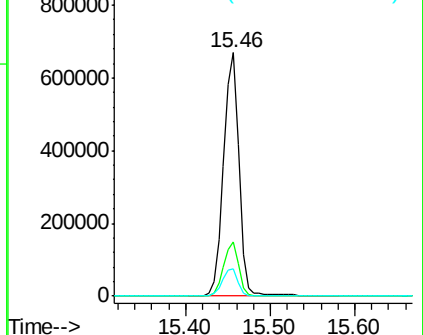
125 11.0 9.1 13.7

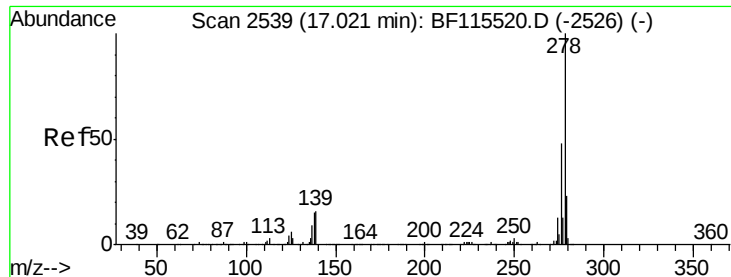


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.652 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

Instrument :

BNA_F

ClientSampleId :

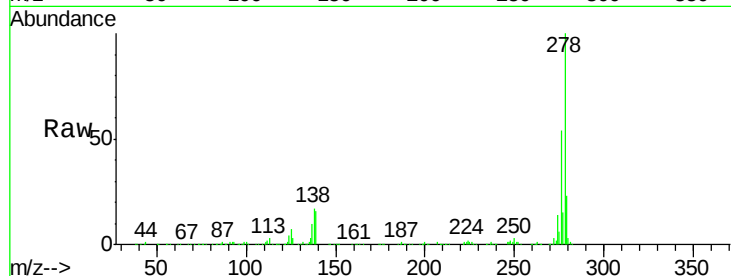
Tot Ion:278 Resp: 653681

Ion Ratio Lower Upper

278 100

139 16.0 13.1 19.7

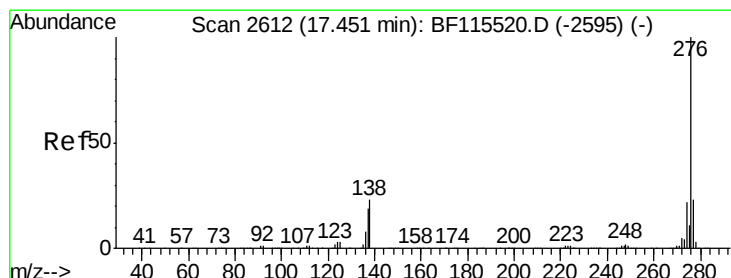
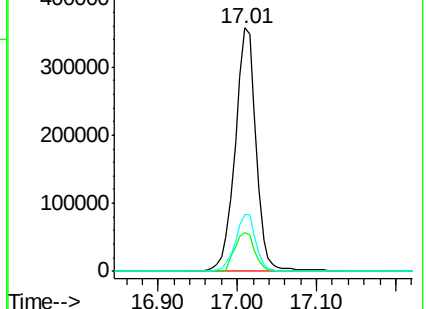
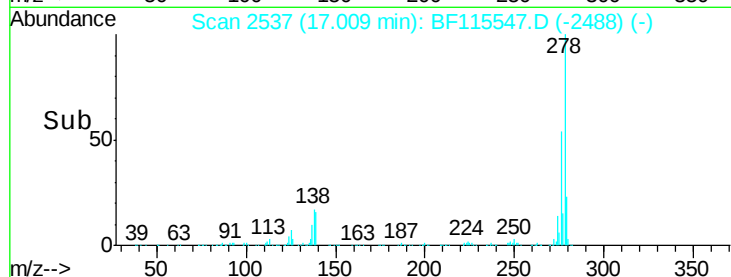
279 23.3 19.6 29.4



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: 34.880 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF115547.D

Acq: 13 Jul 2019 00:45

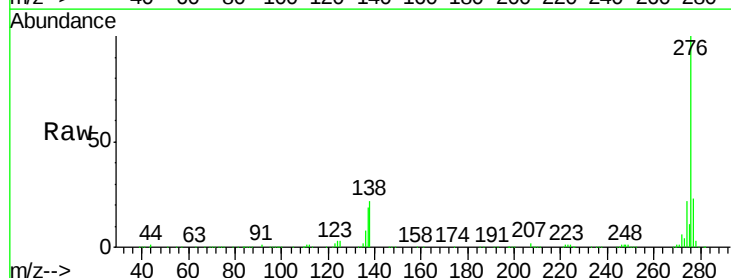
Tgt Ion:276 Resp: 573471

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 21.7 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

