

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115599.D
 Acq On : 16 Jul 2019 16:09
 Operator : HP/JU
 Sample : K3620-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 17 03:49:03 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	151266	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	585602	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	285902	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	553162	20.00	ng	0.00
76) Chrysene-d12	14.05	240	327210	20.00	ng	0.00
87) Perylene-d12	15.51	264	397019	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1190859	128.77	ng	0.02
7) Phenol-d6	6.52	99	1396767	119.03	ng	0.00
23) Nitrobenzene-d5	7.45	82	902671	89.63	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	434128	130.09	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1639015	100.34	ng	0.00
79) Terphenyl-d14	12.99	244	1679515	94.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	185690	40.254	ng	# 86
3) Pyridine	3.55	79	398444	31.836	ng	98
4) n-Nitrosodimethylamine	3.49	42	198262	43.667	ng	97
6) Aniline	6.55	93	172297	10.551	ng	95
8) 2-Chlorophenol	6.67	128	480908	45.231	ng	97
9) Benzaldehyde	6.43	77	230479	31.431	ng	99
10) Phenol	6.53	94	501908	36.846	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	470107	45.329	ng	99
12) 1,3-Dichlorobenzene	6.83	146	504332	42.189	ng	99
13) 1,4-Dichlorobenzene	6.90	146	478618	40.128	ng	97
14) 1,2-Dichlorobenzene	7.06	146	427659	39.224	ng	97
15) Benzyl Alcohol	7.02	79	364582	39.166	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	514254	37.664	ng	99
17) 2-Methylphenol	7.13	107	347926	37.972	ng	99
18) Hexachloroethane	7.40	117	163571	36.948	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	290049	37.900	ng	98
20) 3+4-Methylphenols	7.29	107	400837	36.829	ng	# 88
22) Acetophenone	7.29	105	576554	43.581	ng	# 93
24) Nitrobenzene	7.46	77	456626	42.037	ng	97
25) Isophorone	7.70	82	830780	41.225	ng	100
26) 2-Nitrophenol	7.78	139	232725	41.624	ng	96
27) 2,4-Dimethylphenol	7.82	122	365040	43.635	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	511983	41.412	ng	98
29) 2,4-Dichlorophenol	8.02	162	368799	42.389	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	409559	41.645	ng	99
31) Naphthalene	8.19	128	1225639	43.216	ng	97
32) Benzoic acid	7.93	122	213819	31.144	ng	99
33) 4-Chloroaniline	8.23	127	77033	6.132	ng	96
34) Hexachlorobutadiene	8.31	225	229424	40.680	ng	99
35) Caprolactam	8.60	113	62697	23.320	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	396280	43.910	ng	99
37) 2-Methylnaphthalene	8.88	142	837738	44.562	ng	97
38) 1-Methylnaphthalene	8.98	142	788202	44.141	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	387679	45.029	ng	98

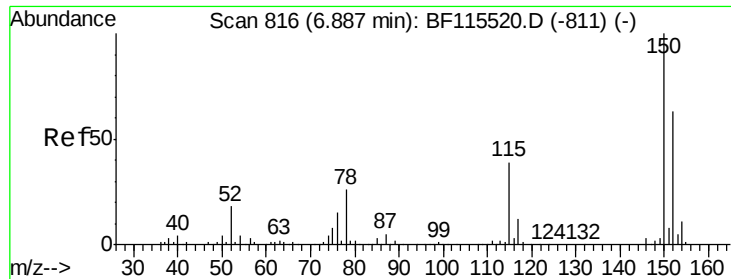
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115599.D
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Quant Time: Jul 17 03:49:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	275936	56.185	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	270745	43.002	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	293041	45.448	ng	100
46) 1,1'-Biphenyl	9.35	154	1021993	45.724	ng	98
47) 2-Chloronaphthalene	9.37	162	810031	43.524	ng	97
48) 2-Nitroaniline	9.46	65	248738	43.181	ng	99
49) Acenaphthylene	9.79	152	1237944	44.890	ng	97
50) Dimethylphthalate	9.65	163	979802	45.550	ng	98
51) 2,6-Dinitrotoluene	9.70	165	224294	45.883	ng	98
52) Acenaphthene	9.96	154	809710	45.479	ng	99
53) 3-Nitroaniline	9.86	138	81787	14.641	ng	98
54) 2,4-Dinitrophenol	9.97	184	130784	52.110	ng	97
55) Dibenzofuran	10.13	168	1118710	44.246	ng	100
56) 4-Nitrophenol	10.03	139	337649	79.264	ng	97
57) 2,4-Dinitrotoluene	10.10	165	298477	47.129	ng	99
58) Fluorene	10.47	166	830138	45.927	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	245214	45.494	ng	98
60) Diethylphthalate	10.35	149	936050	46.444	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	427630	42.662	ng	100
62) 4-Nitroaniline	10.48	138	213271	39.801	ng	99
63) Azobenzene	10.62	77	887494	45.399	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	101066	29.904	ng	91
66) n-Nitrosodiphenylamine	10.58	169	779535	45.304	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	276244	43.700	ng	97
68) Hexachlorobenzene	11.02	284	302604	41.918	ng	# 92
69) Atrazine	11.10	200	258425	45.781	ng	98
70) Pentachlorophenol	11.22	266	328999	74.514	ng	98
71) Phenanthrene	11.43	178	1250333	44.096	ng	97
72) Anthracene	11.49	178	1283665	43.806	ng	99
73) Carbazole	11.63	167	1133568	44.113	ng	100
74) Di-n-butylphthalate	11.97	149	1465882	46.311	ng	100
75) Fluoranthene	12.62	202	1210332	40.394	ng	99
77) Benzidine	12.73	184	169141	14.592	ng	# 92
78) Pyrene	12.85	202	1193312	43.045	ng	97
80) Butylbenzylphthalate	13.46	149	531631	44.985	ng	98
81) Benzo(a)anthracene	14.03	228	927634	43.032	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	206670	26.969	ng	99
83) Chrysene	14.07	228	958135	44.276	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	709254	48.451	ng	# 98
85) Di-n-octyl phthalate	14.63	149	1165638	50.046	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1062616	57.798	ng	99
88) Benzo(b)fluoranthene	15.09	252	1035841	40.518	ng	99
89) Benzo(k)fluoranthene	15.12	252	1002110	43.967	ng	98
90) Benzo(a)pyrene	15.46	252	989216	45.020	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	896785	46.490	ng	99
92) Benzo(g,h,i)perylene	17.44	276	847440	44.050	ng	99

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

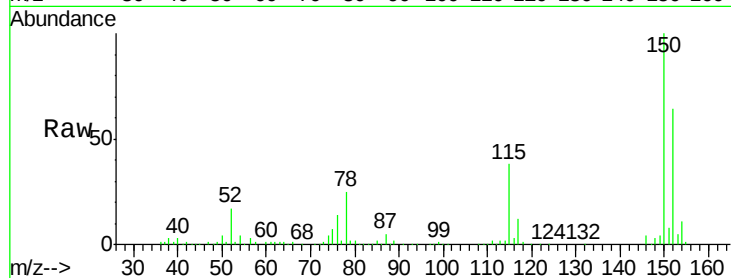


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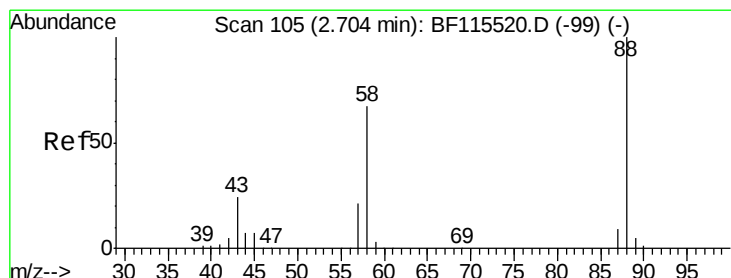
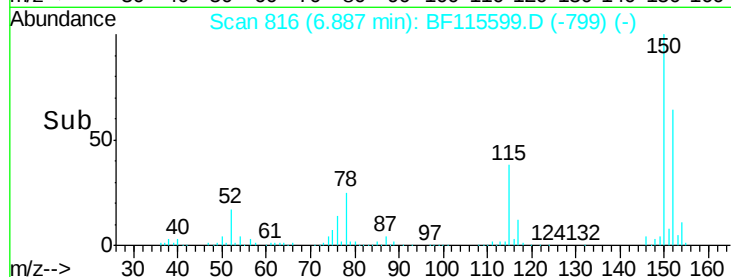
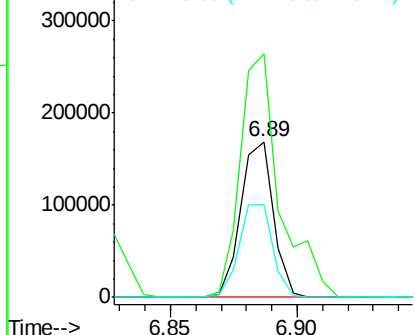
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151266
Ion Ratio Lower Upper
152 100
150 156.5 129.7 194.5
115 59.1 48.2 72.4



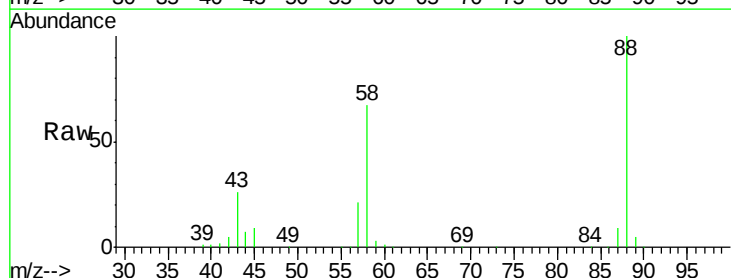
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



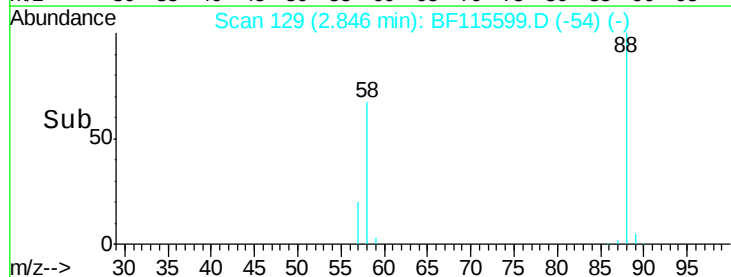
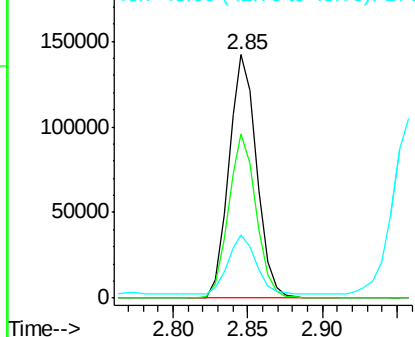
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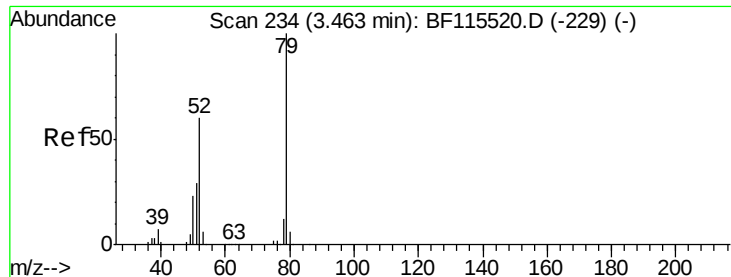
1,4-Dioxane
Concen: 40.254 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.14 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion: 88 Resp: 185690
Ion Ratio Lower Upper
88 100
58 66.8 52.6 79.0
43 0.0 19.1 28.7#



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





#3

Pvridine

Concen: 31.836 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.09 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampled :

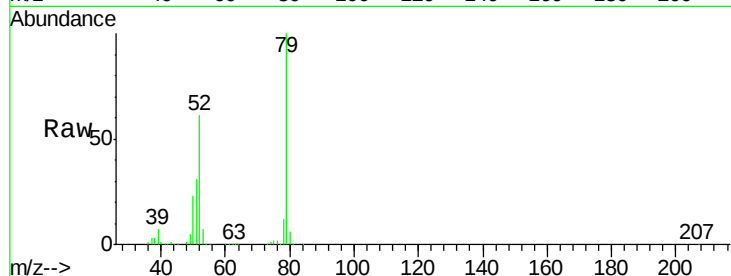
Tot Ion: 79 Resp: 398444

Ion Ratio Lower Upper

79 100

52 60.9 47.8 71.6

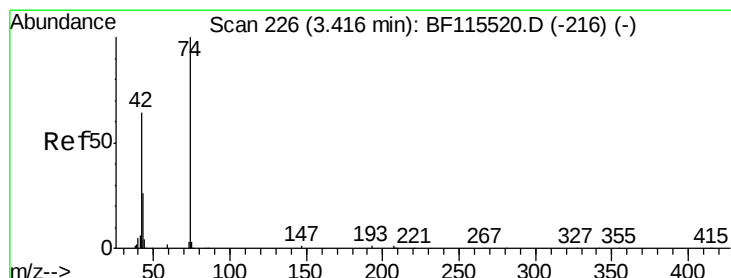
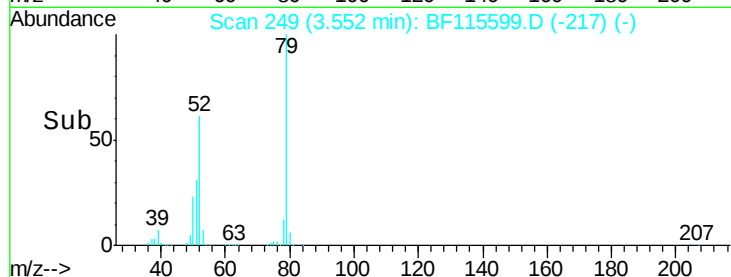
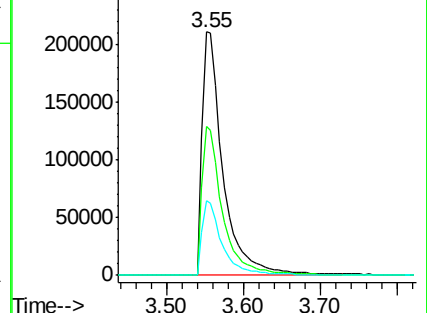
51 30.7 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.667 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.07 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

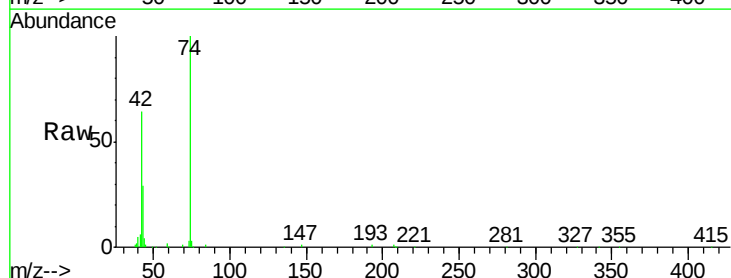
Tgt Ion: 42 Resp: 198262

Ion Ratio Lower Upper

42 100

74 155.8 127.5 191.3

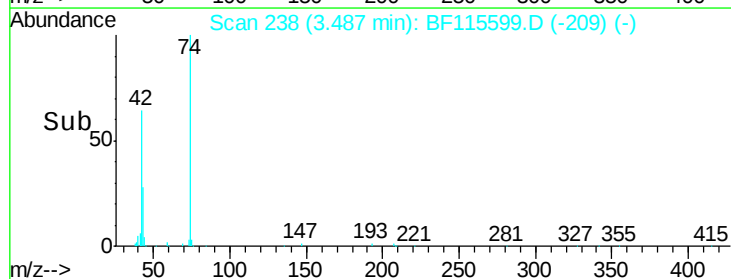
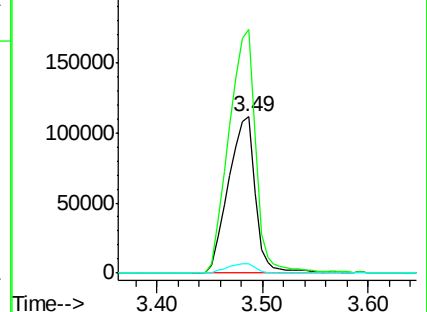
44 6.3 5.0 7.6

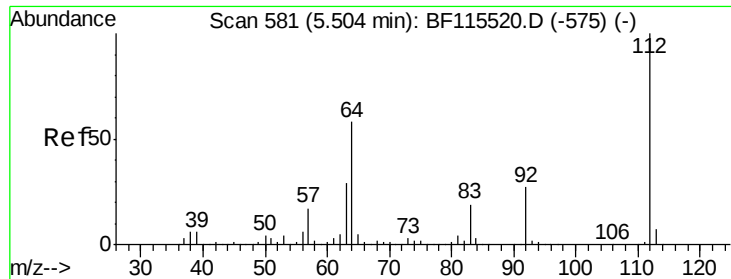


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 128.773 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

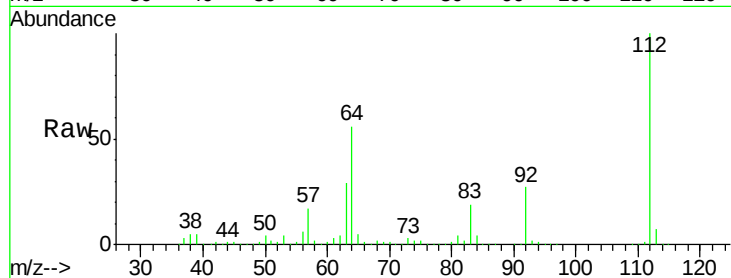
Tot Ion:112 Resp: 1190859

Ion Ratio Lower Upper

112 100

64 56.4 46.8 70.2

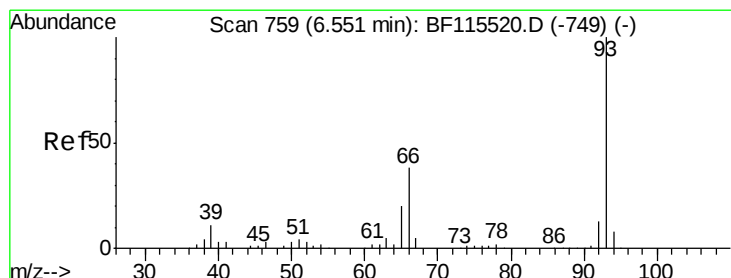
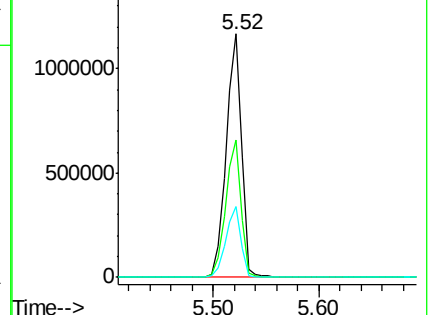
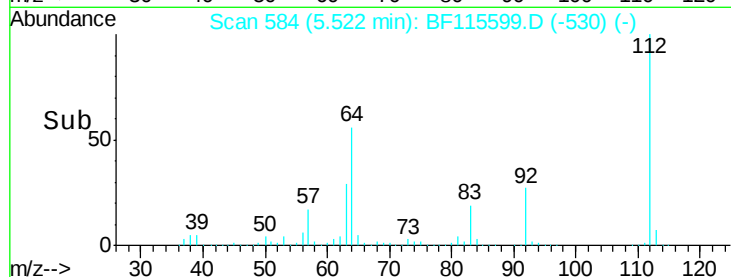
63 29.3 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.551 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

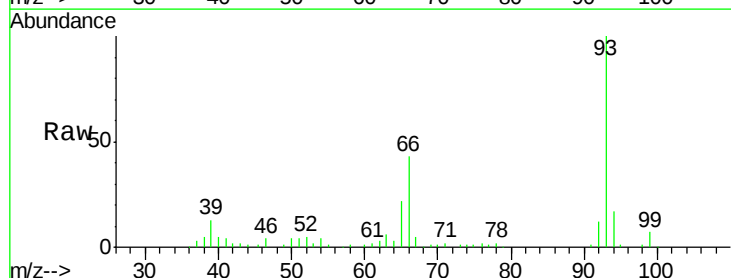
Tgt Ion: 93 Resp: 172297

Ion Ratio Lower Upper

93 100

66 42.8 31.7 47.5

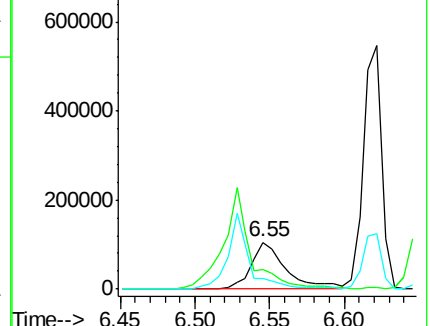
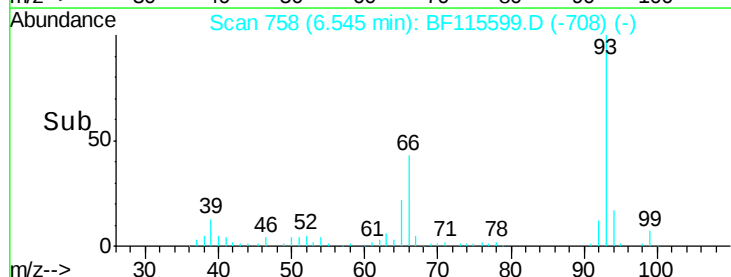
65 21.9 16.2 24.2

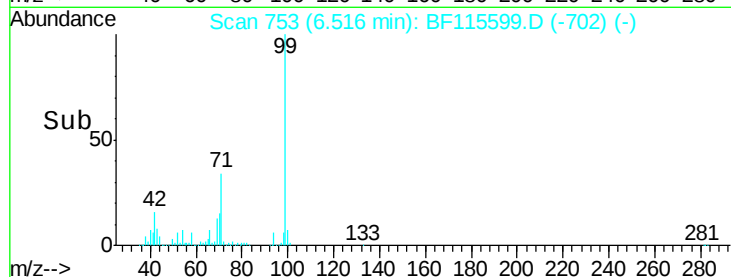
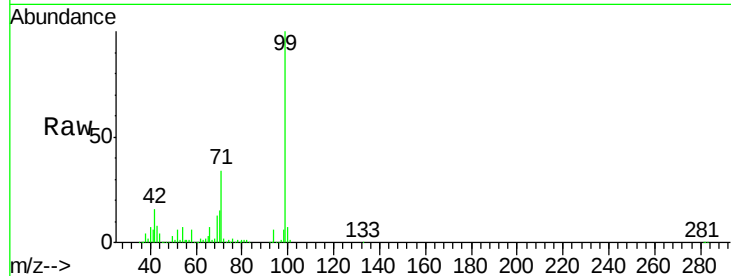
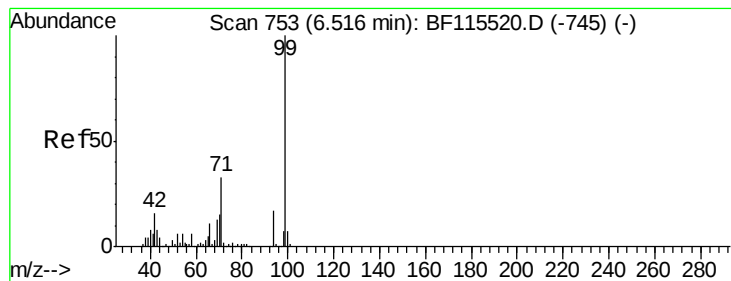


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.033 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampled :

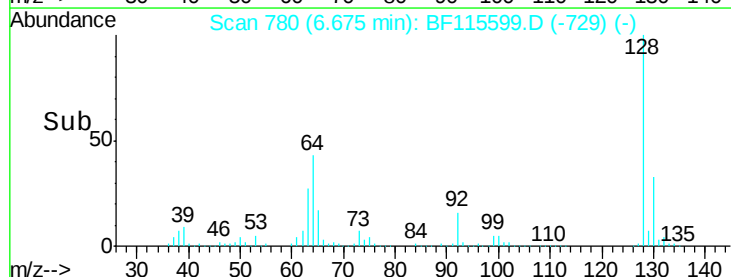
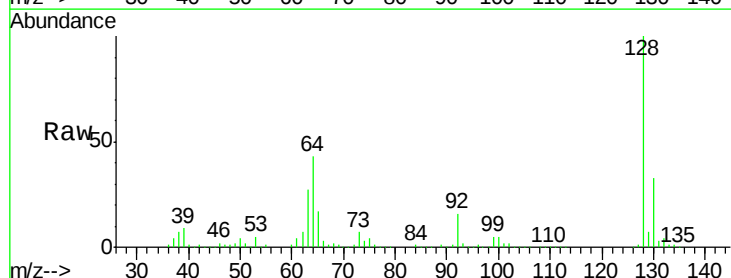
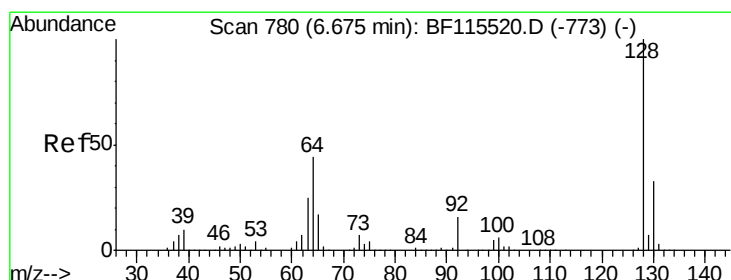
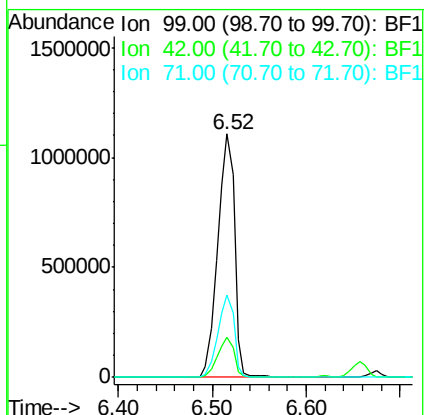
Tot Ion: 99 Resp: 1396767

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

71 34.0 28.5 42.7



#8

2-Chlorophenol

Concen: 45.231 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

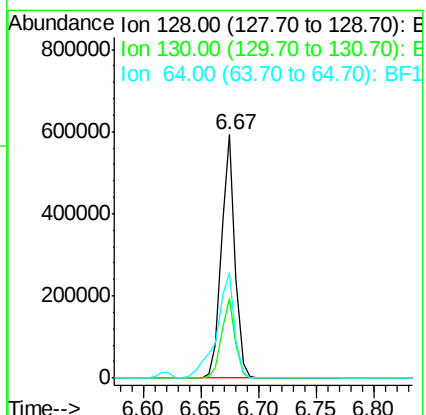
Tgt Ion: 128 Resp: 480908

Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

64 43.5 26.8 66.8





#9

Benzaldehyde

Concen: 31.431 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

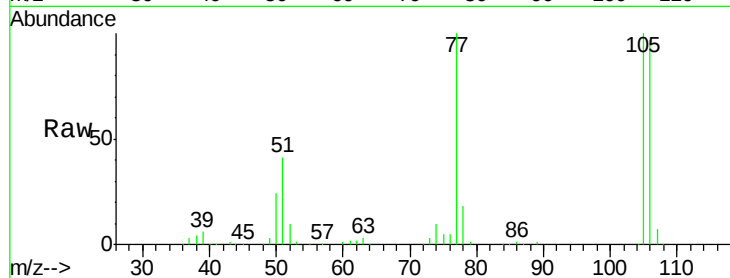
Tot Ion: 77 Resp: 230479

Ion Ratio Lower Upper

77 100

105 100.2 78.8 118.8

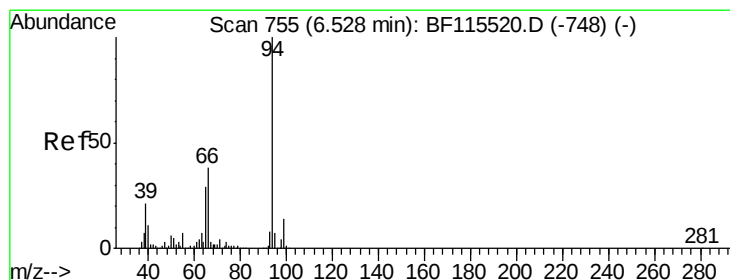
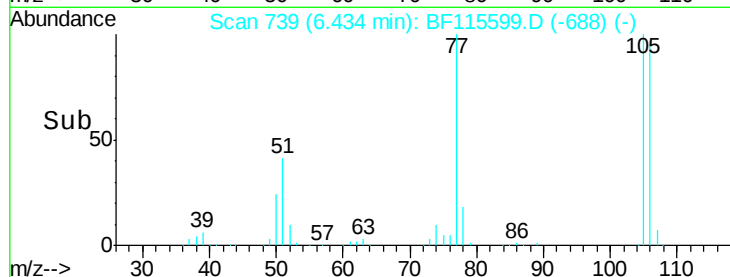
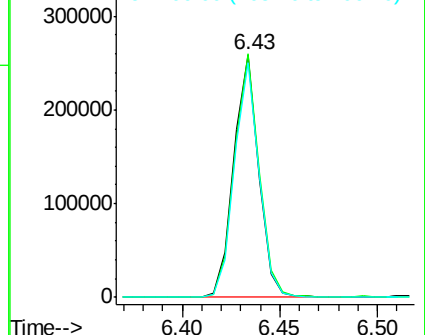
106 96.8 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.846 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

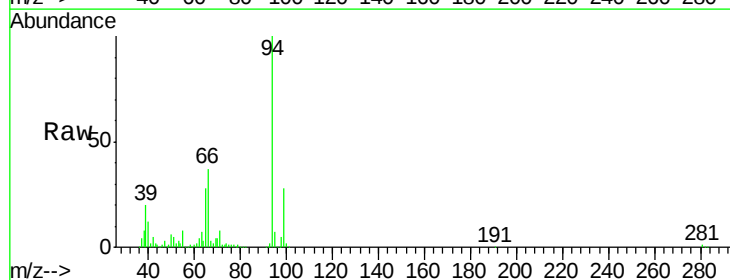
Tgt Ion: 94 Resp: 501908

Ion Ratio Lower Upper

94 100

65 28.0 14.5 54.5

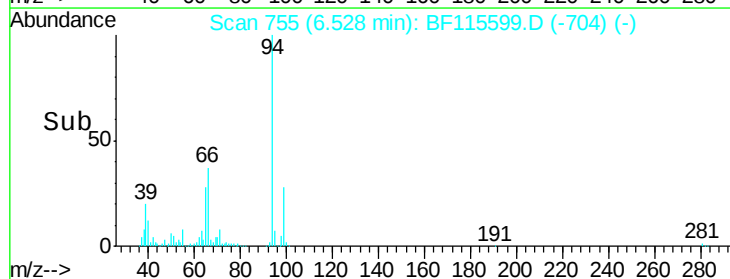
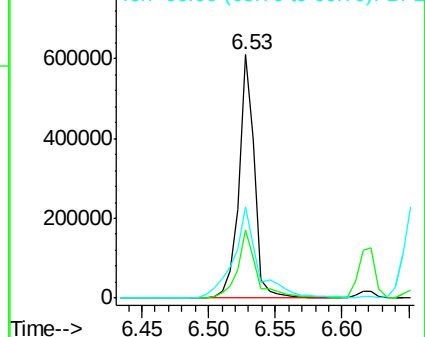
66 37.3 31.3 71.3

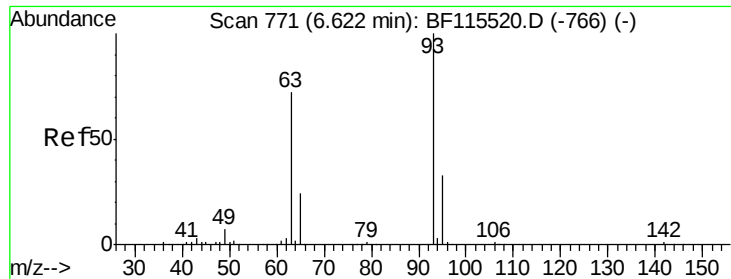


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.329 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

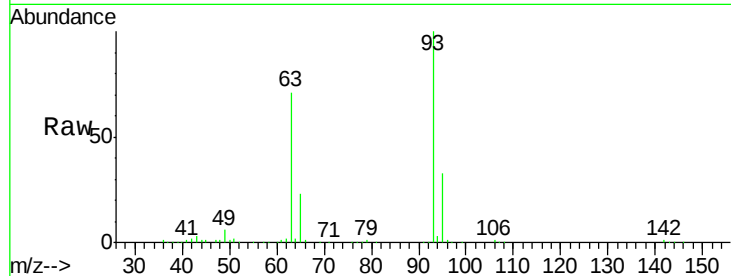
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 470107

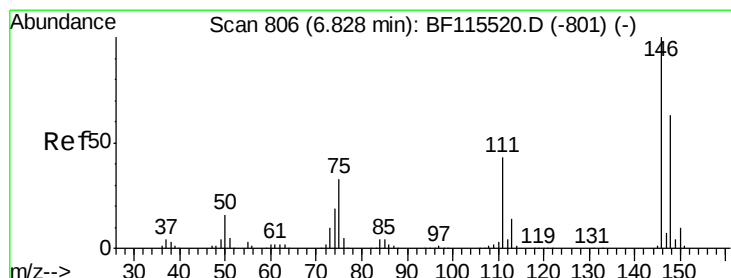
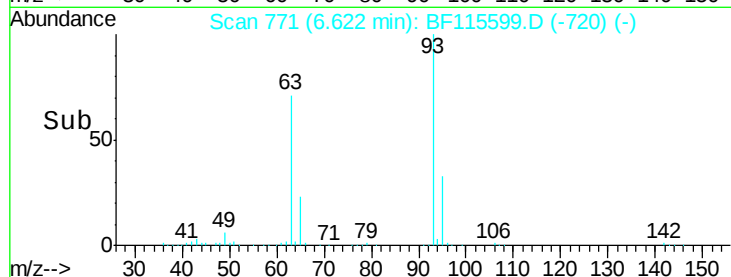
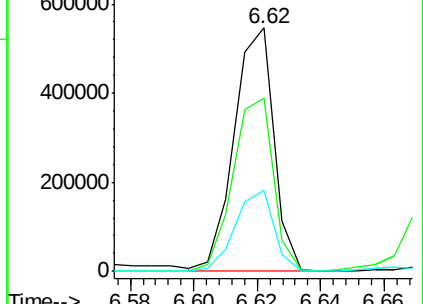
Ion	Ratio	Lower	Upper
93	100		
63	71.2	52.2	92.2
95	33.3	12.9	52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.189 ng

RT: 6.83 min Scan# 806

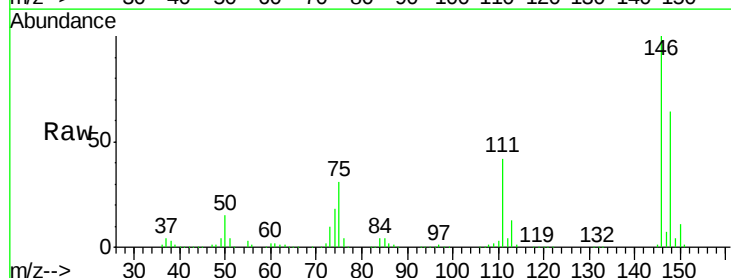
Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Tgt Ion: 146 Resp: 504332

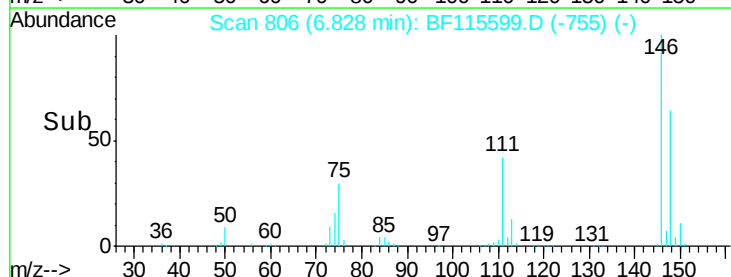
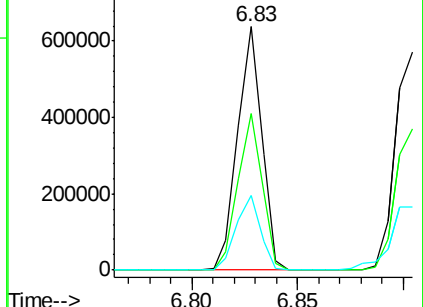
Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
75	30.9	24.9	37.3

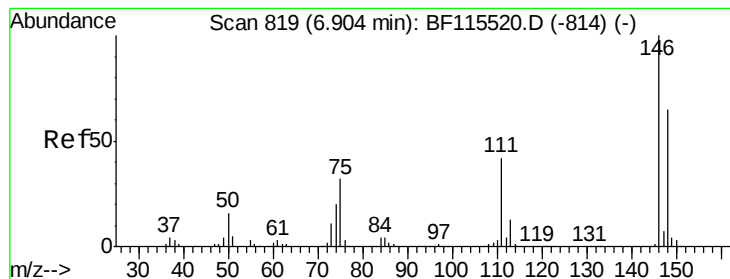


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

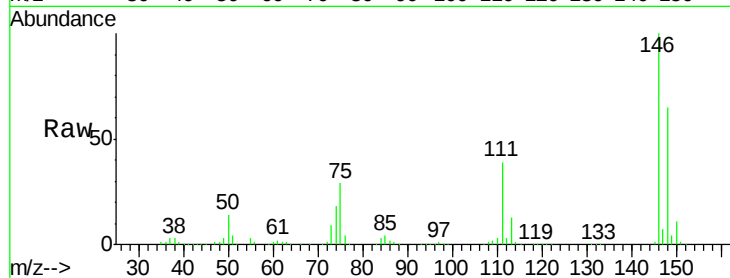




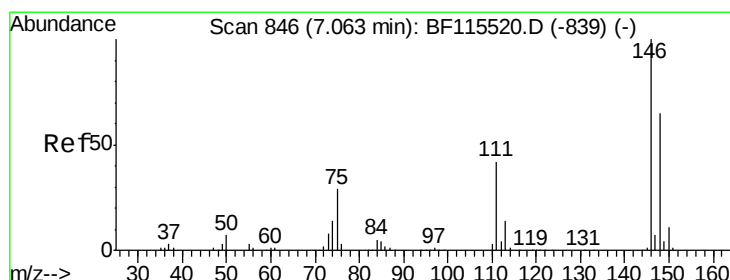
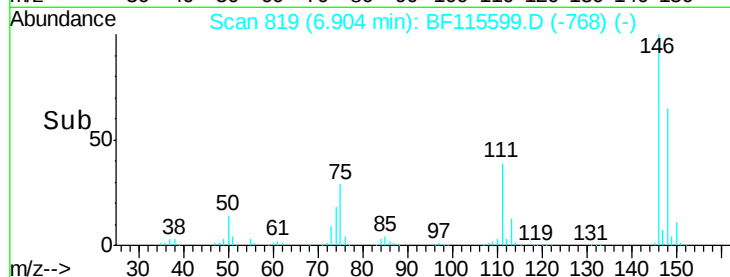
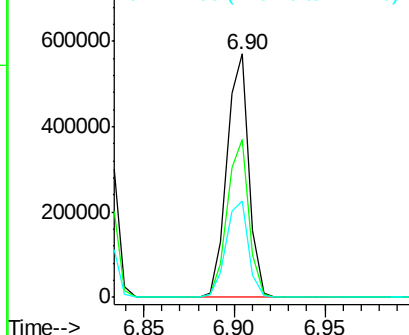
#13
 1,4-Dichlorobenzene
 Concen: 40.128 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 478618
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 39.4 35.5 53.3

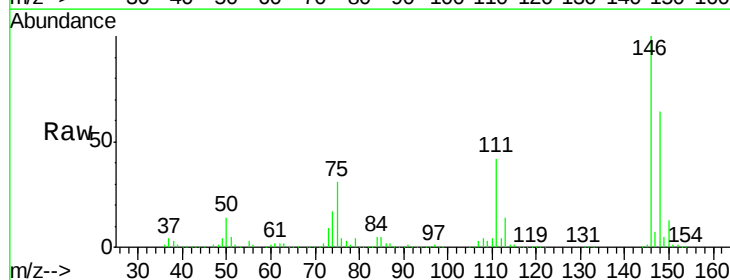


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

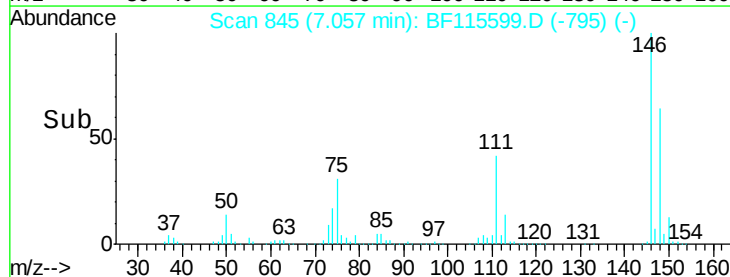
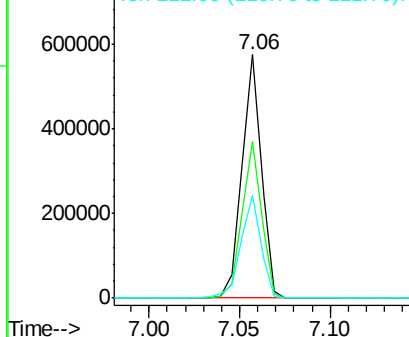


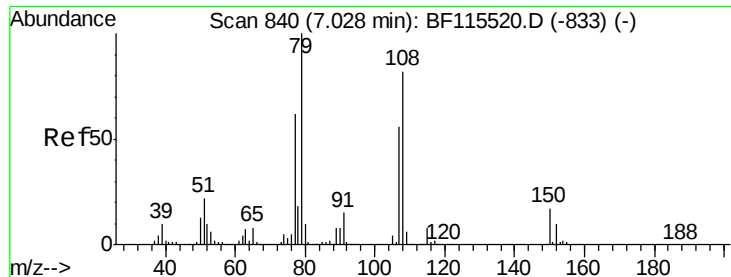
#14
 1,2-Dichlorobenzene
 Concen: 39.224 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion:146 Resp: 427659
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 42.5 37.6 56.4



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





#15

Benzyl Alcohol

Concen: 39.166 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

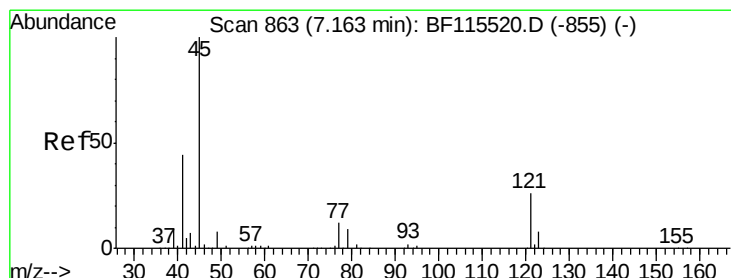
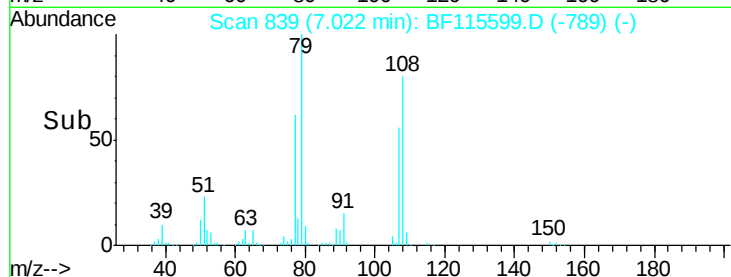
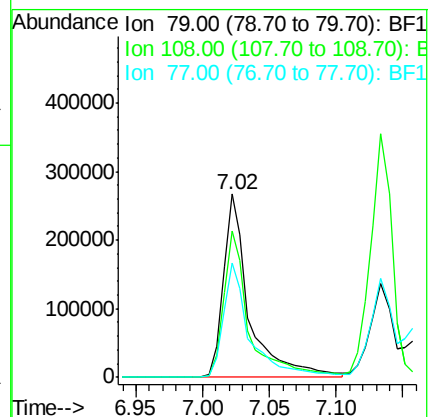
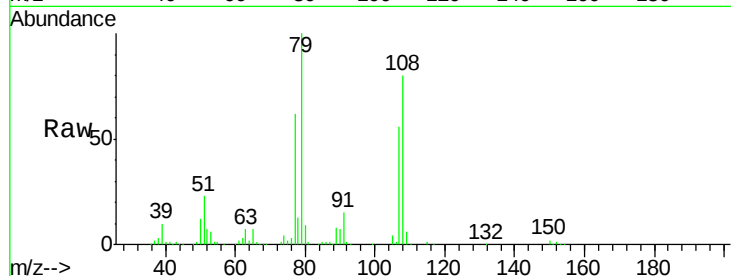
Tot Ion: 79 Resp: 364582

Ion Ratio Lower Upper

79 100

108 80.3 64.2 96.4

77 62.5 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.664 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

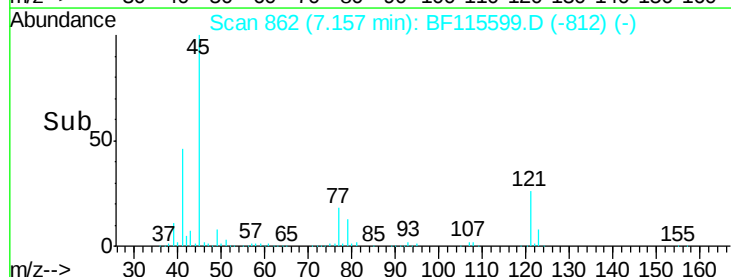
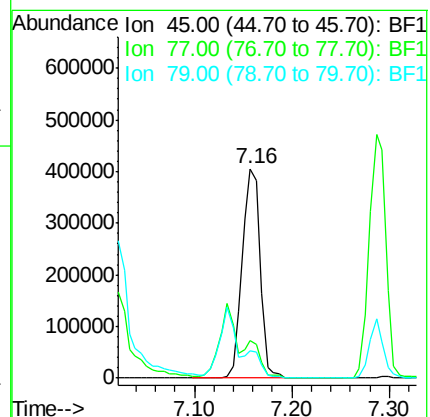
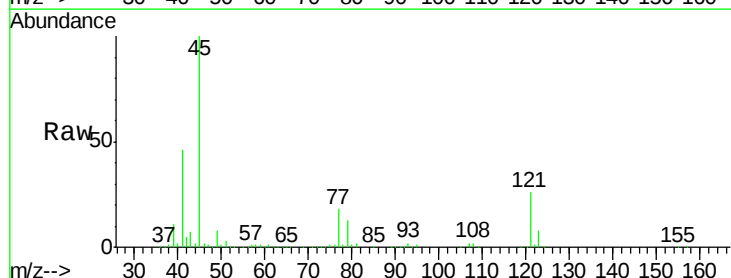
Tgt Ion: 45 Resp: 514254

Ion Ratio Lower Upper

45 100

77 17.7 0.0 38.1

79 13.2 0.0 34.1

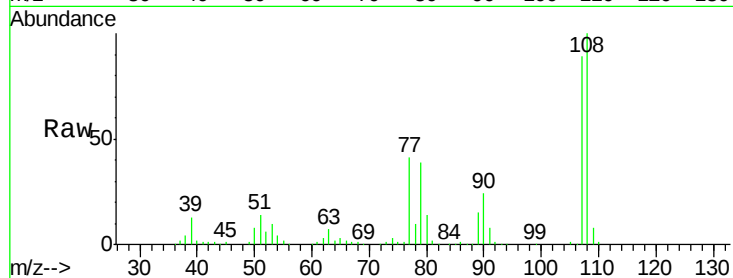




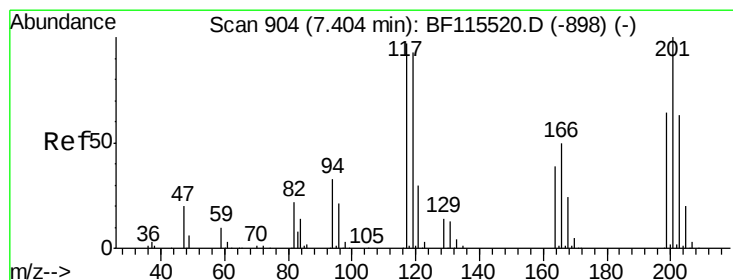
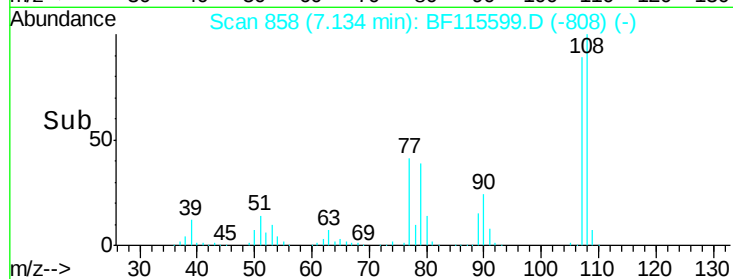
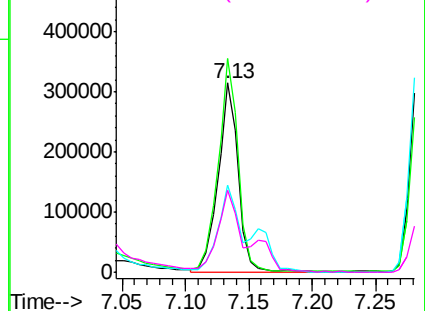
#17
2-Methylphenol
Concen: 37.972 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 347926
Ion Ratio Lower Upper
107 100
108 112.8 89.4 134.2
77 45.9 35.7 53.5
79 43.5 35.0 52.4

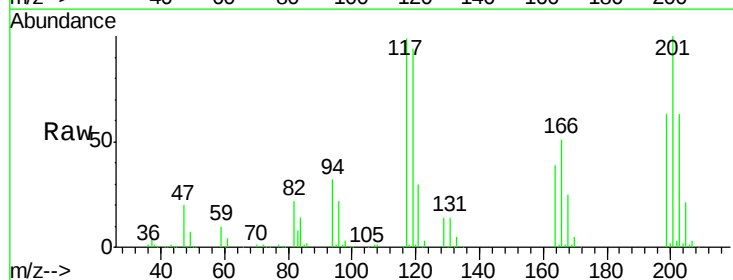


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

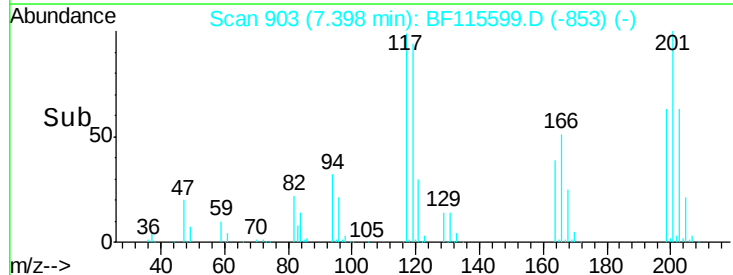
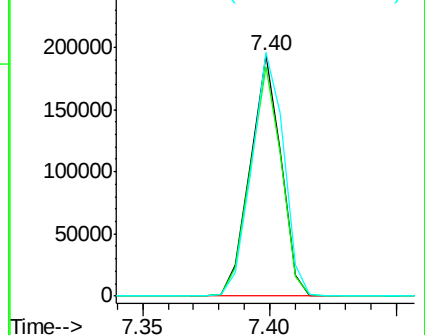


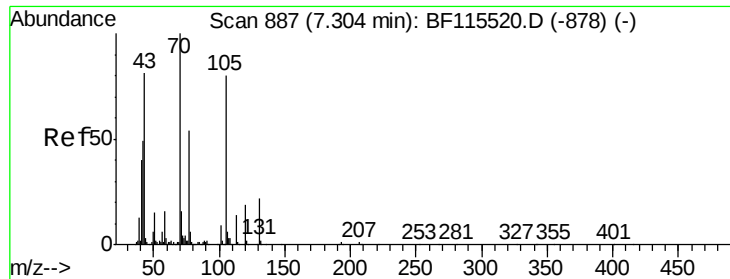
#18
Hexachloroethane
Concen: 36.948 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion:117 Resp: 163571
Ion Ratio Lower Upper
117 100
119 95.2 77.7 116.5
201 101.1 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

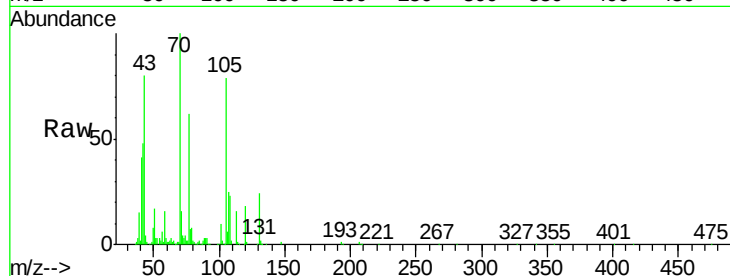




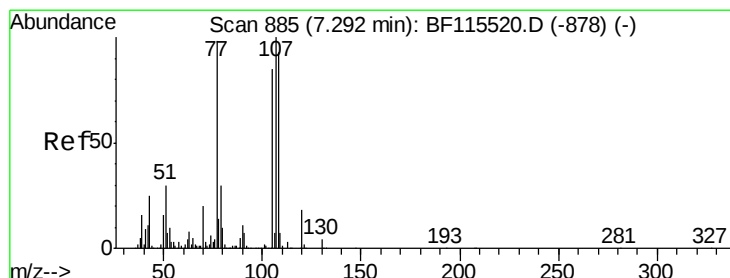
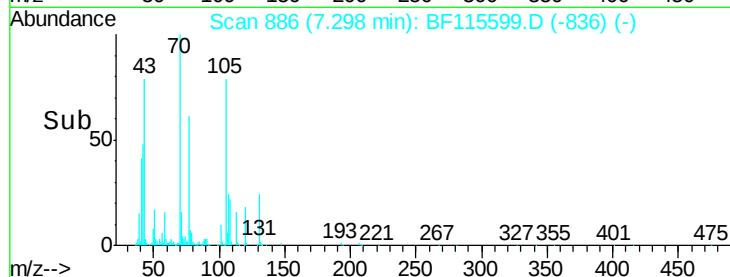
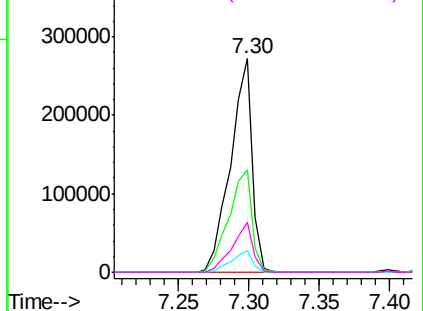
#19
n-Nitroso-di-n-propylamine
Concen: 37.900 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	290049
Ion	Ratio	Lower	Upper
70	100		
42	48.2	39.6	59.4
101	10.0	8.1	12.1
130	23.6	18.2	27.2

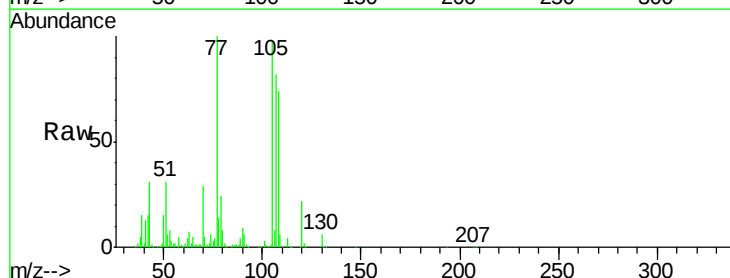


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

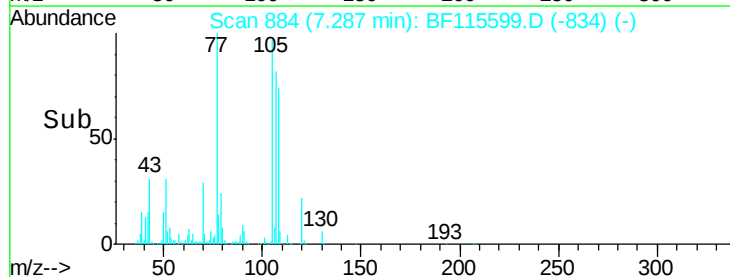
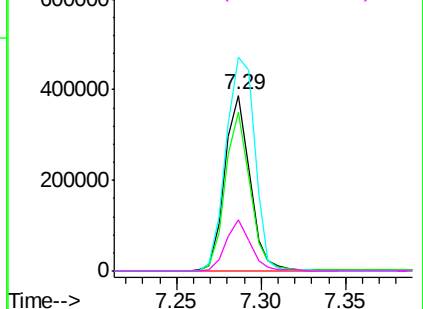


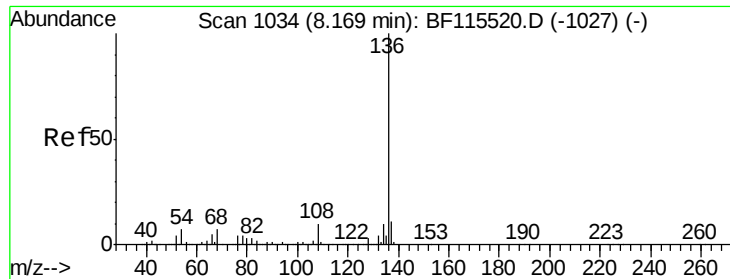
#20
3+4-Methylphenols
Concen: 36.829 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion:	107	Resp:	400837
Ion	Ratio	Lower	Upper
107	100		
108	90.3	72.9	112.9
77	121.7	77.6	117.6#
79	29.4	10.5	50.5



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 585602

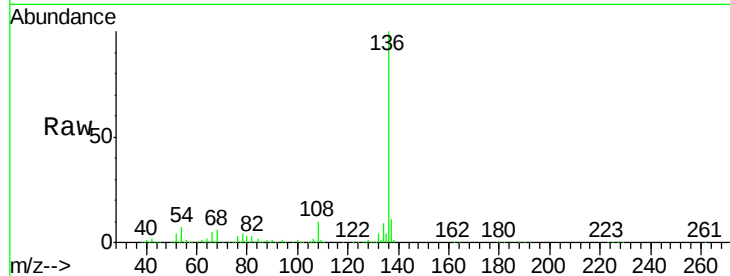
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.9 5.6 8.4

68 6.4 5.0 7.6

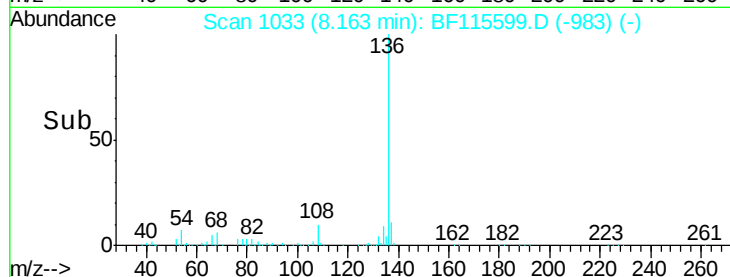


Abundance Ion 136.00 (135.70 to 136.70): E

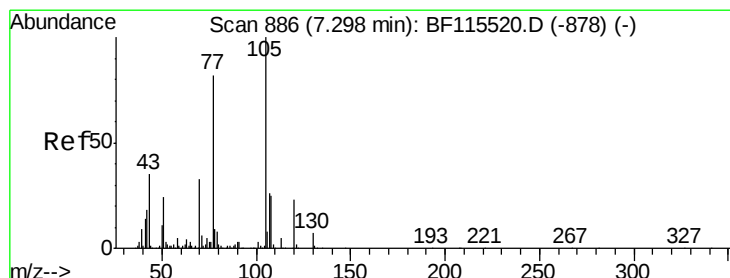
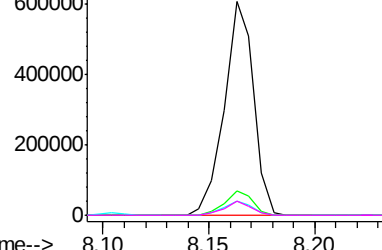
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 43.581 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Tgt Ion:105 Resp: 576554

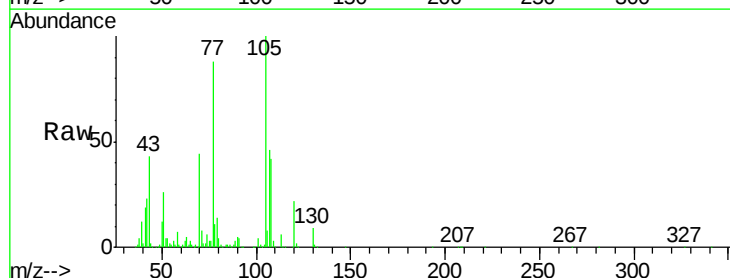
Ion Ratio Lower Upper

105 100

71 7.7 3.5 5.3#

51 26.2 25.6 38.4

120 22.3 17.9 26.9

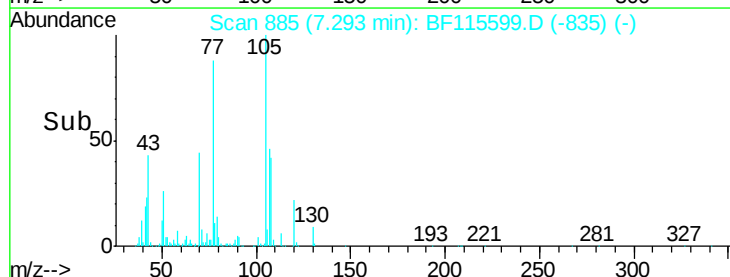


Abundance Ion 105.00 (104.70 to 105.70): E

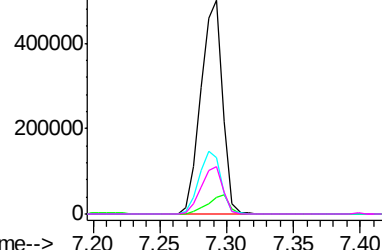
Ion 71.00 (70.70 to 71.70): BF1

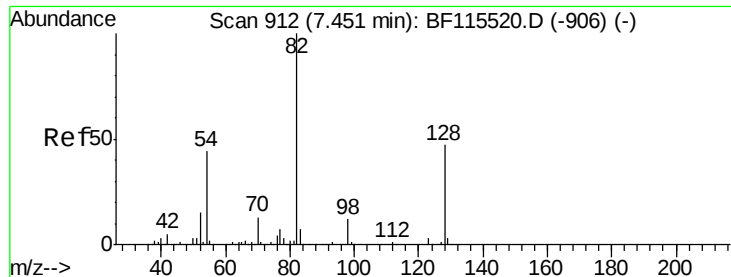
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

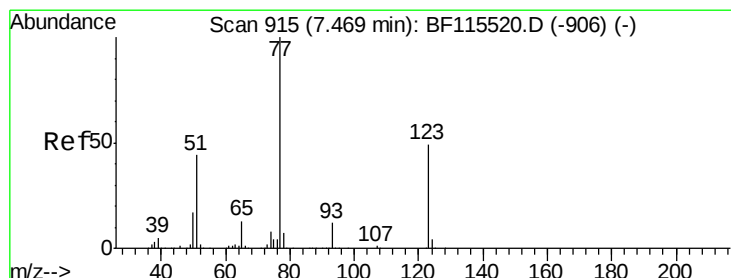
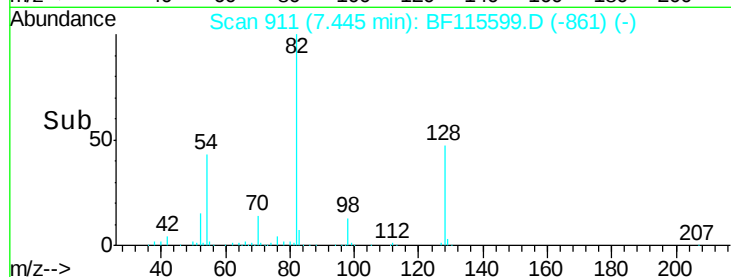
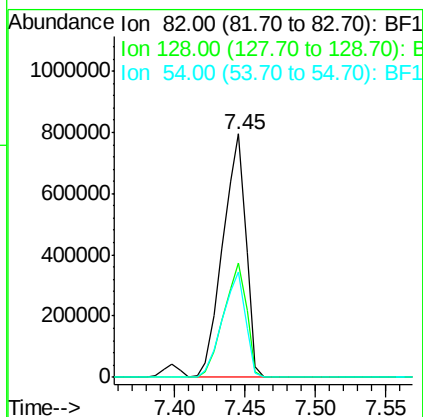
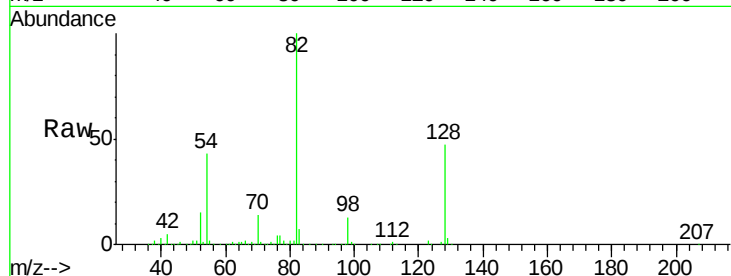




#23
Nitrobenzene-d5
Concen: 89.630 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

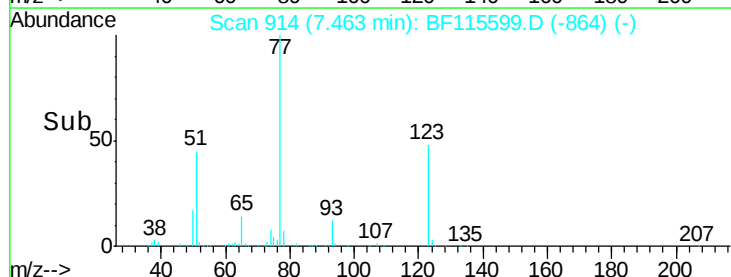
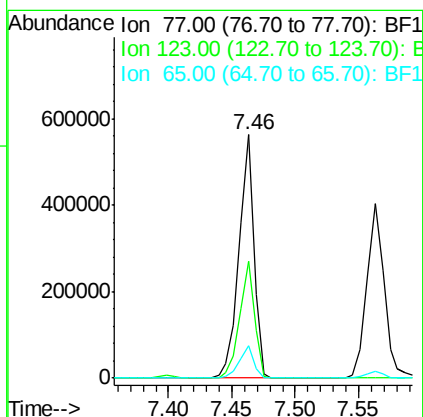
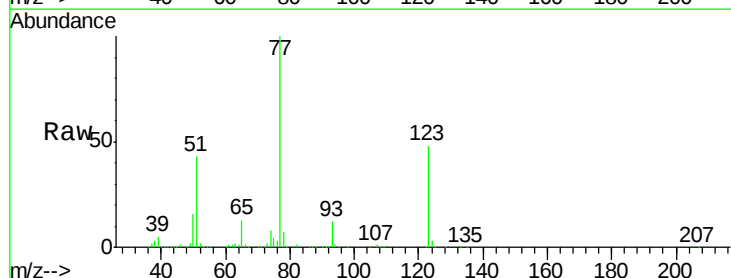
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	902671
Ion Ratio	Lower	Upper	
82	100		
128	47.1	38.6	57.8
54	43.1	35.6	53.4



#24
Nitrobenzene
Concen: 42.037 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	77	Resp	456626
Ion Ratio	Lower	Upper	
77	100		
123	47.9	40.0	60.0
65	13.2	11.0	16.4





#25

Isophorone

Concen: 41.225 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

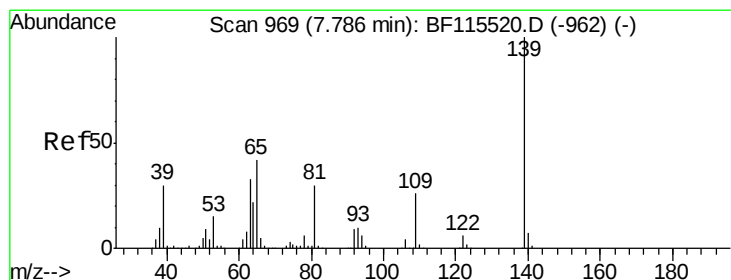
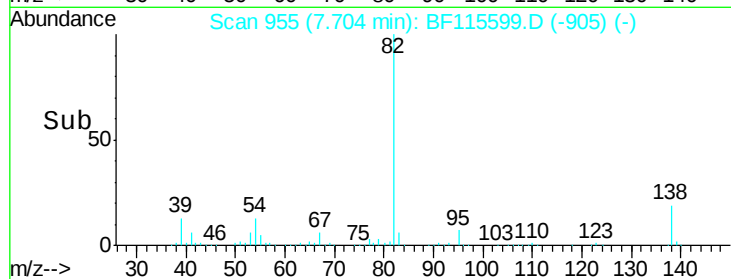
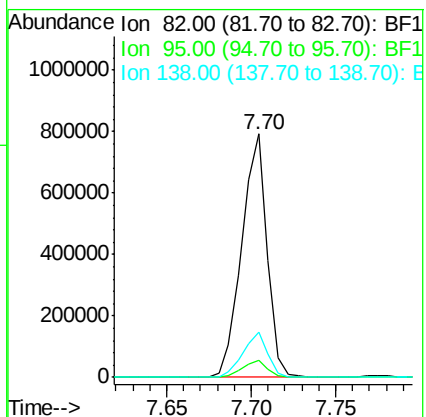
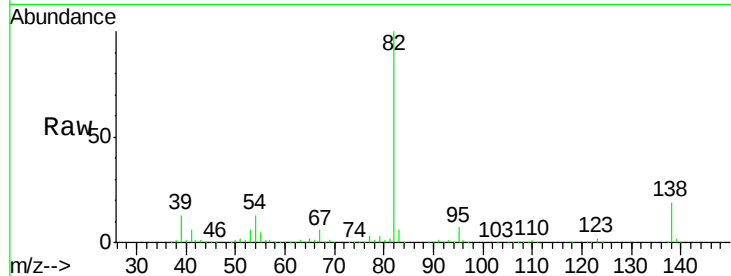
Tot Ion: 82 Resp: 830780

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 41.624 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

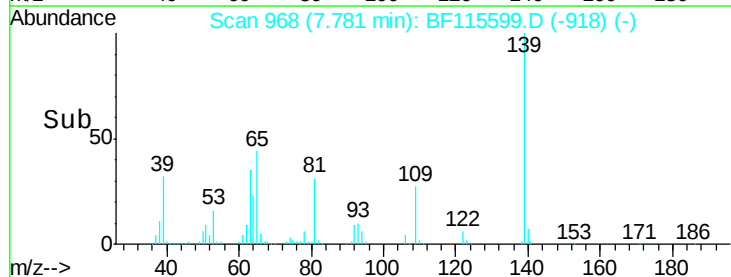
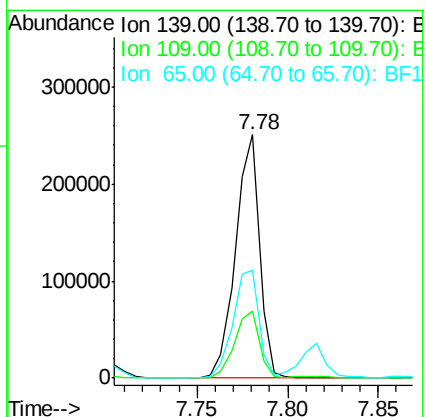
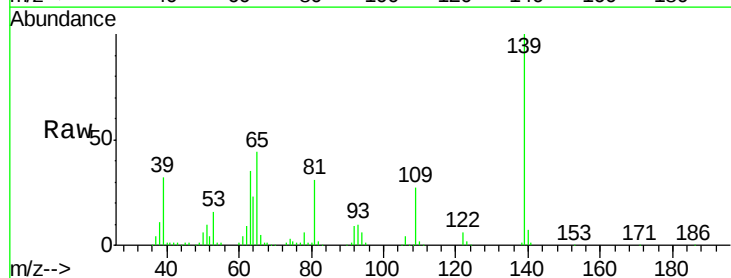
Tgt Ion: 139 Resp: 232725

Ion Ratio Lower Upper

139 100

109 27.5 23.3 34.9

65 44.2 37.9 56.9

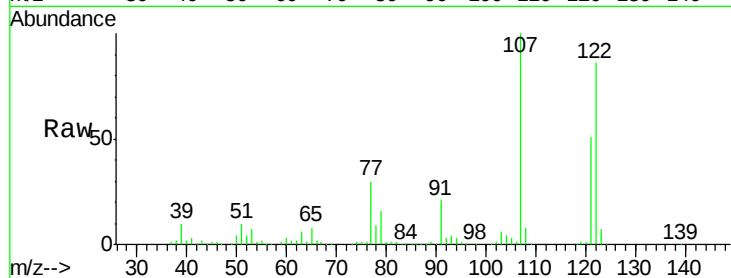




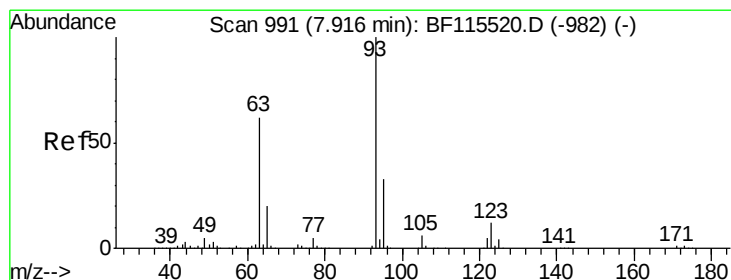
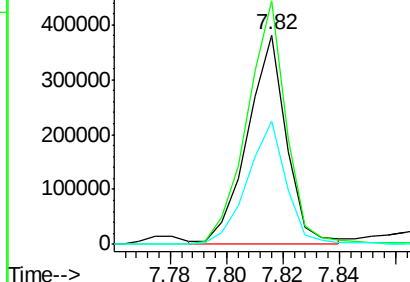
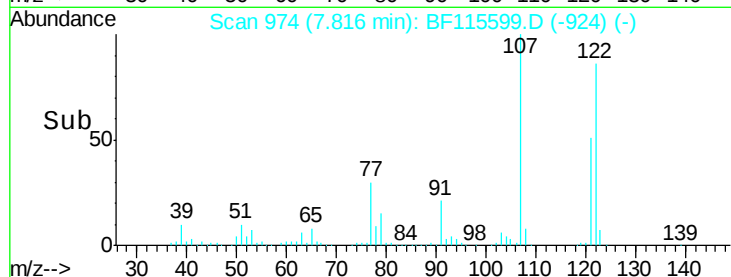
#27
2,4-Dimethylphenol
Concen: 43.635 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 365040
Ion Ratio Lower Upper
122 100
107 116.1 92.9 139.3
121 58.8 46.9 70.3

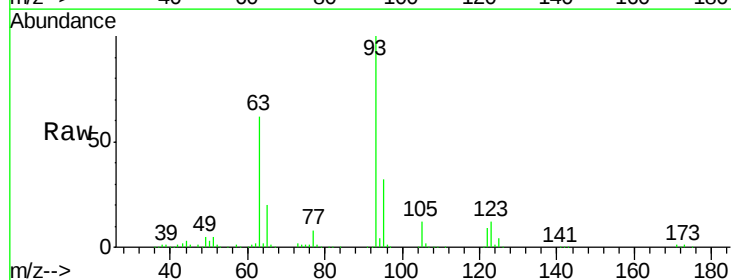


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

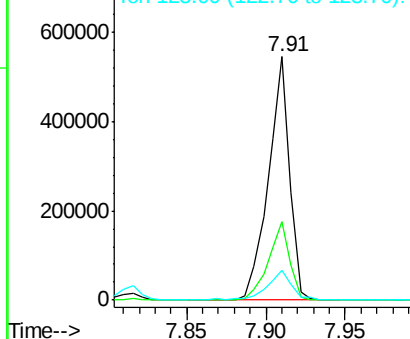
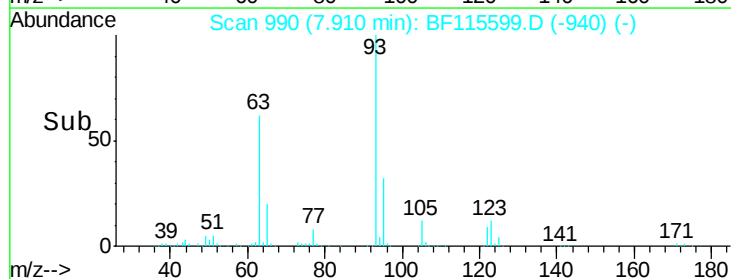


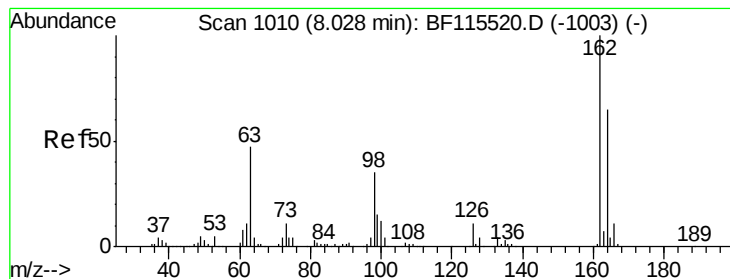
#28
bis(2-Chloroethoxy)methane
Concen: 41.412 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion: 93 Resp: 511983
Ion Ratio Lower Upper
93 100
95 32.0 27.0 40.4
123 12.2 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.389 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

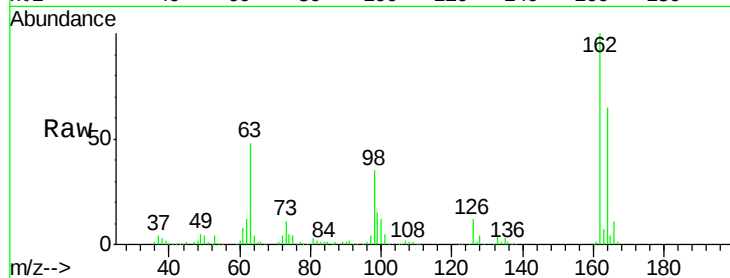
Tot Ion:162 Resp: 368799

Ion Ratio Lower Upper

162 100

164 65.0 44.9 84.9

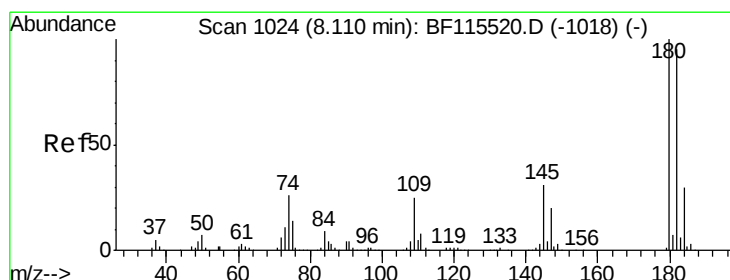
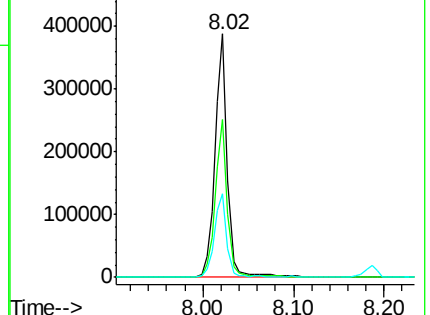
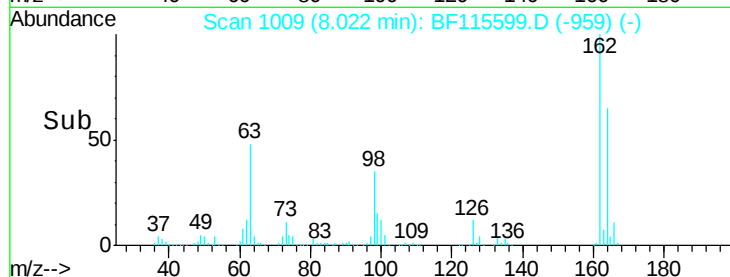
98 34.6 17.7 57.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.645 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

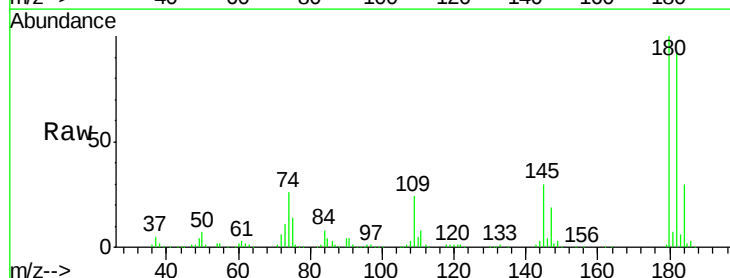
Tgt Ion:180 Resp: 409559

Ion Ratio Lower Upper

180 100

182 93.5 75.0 112.6

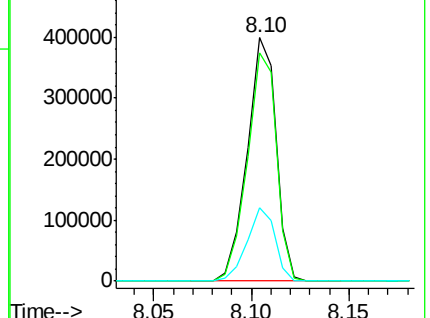
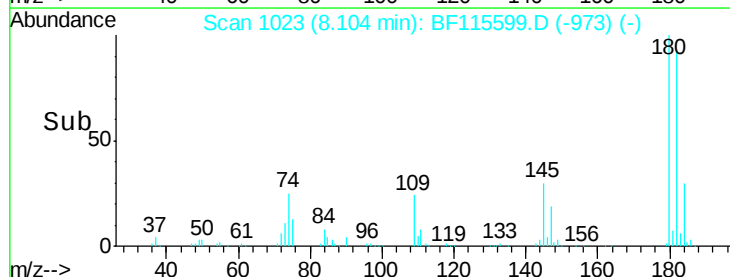
145 30.1 25.1 37.7

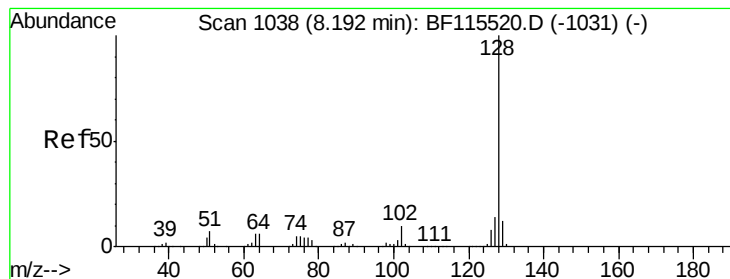


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.216 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

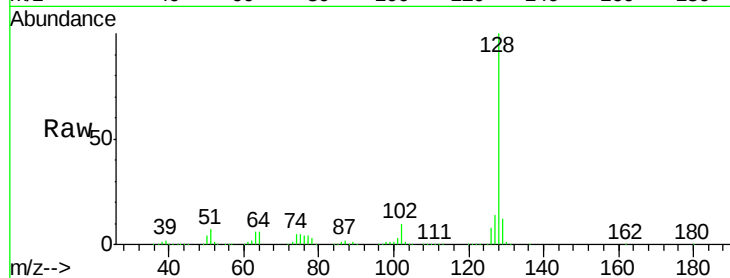
Tot Ion:128 Resp: 1225639

Ion Ratio Lower Upper

128 100

129 11.5 9.9 14.9

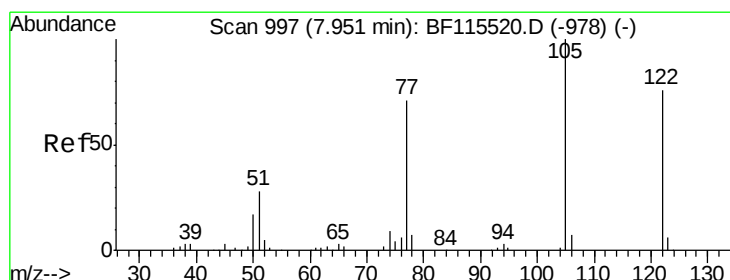
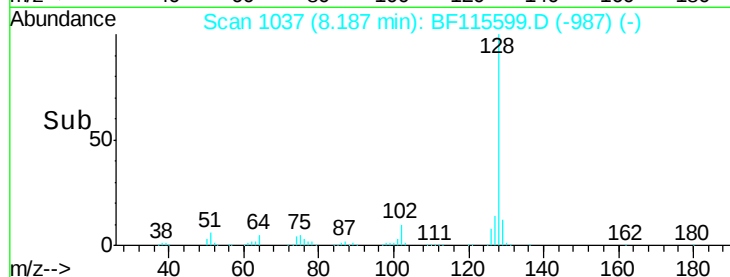
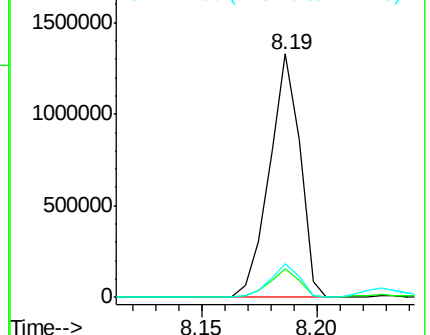
127 13.8 12.1 18.1



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: 31.144 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

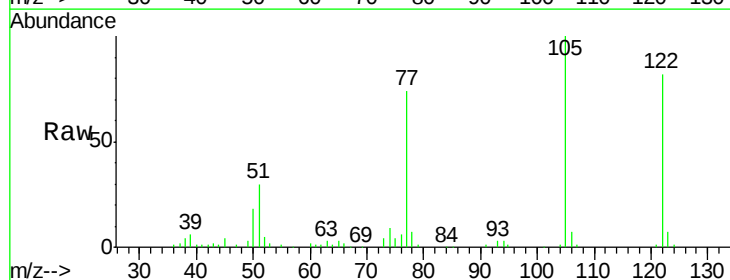
Tgt Ion:122 Resp: 213819

Ion Ratio Lower Upper

122 100

105 121.4 102.5 142.5

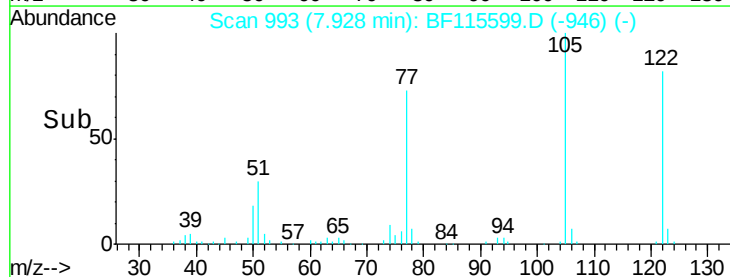
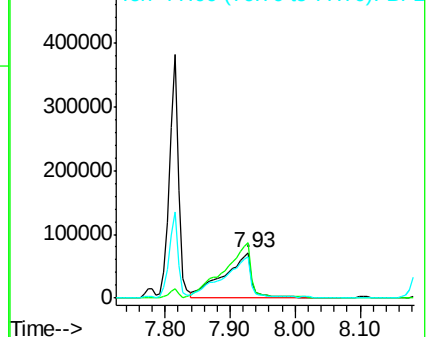
77 90.2 70.2 110.2



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

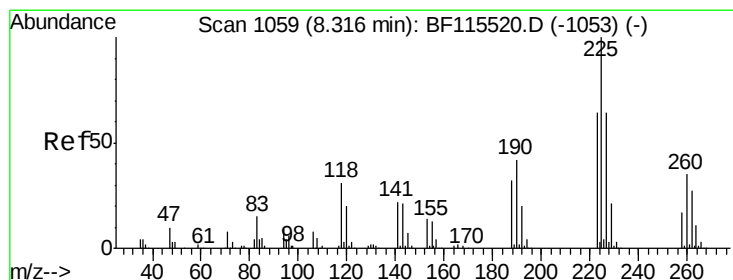
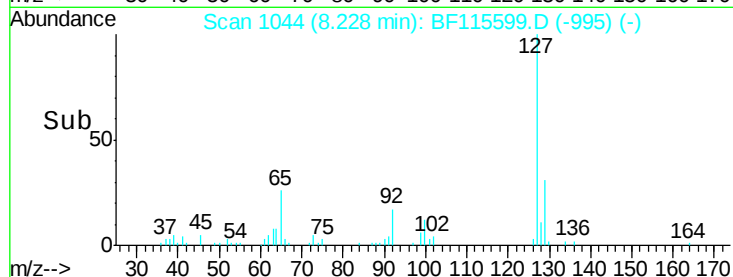
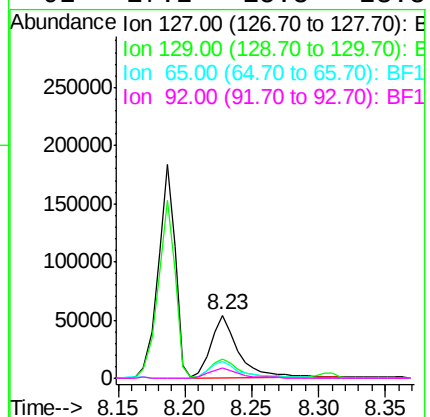
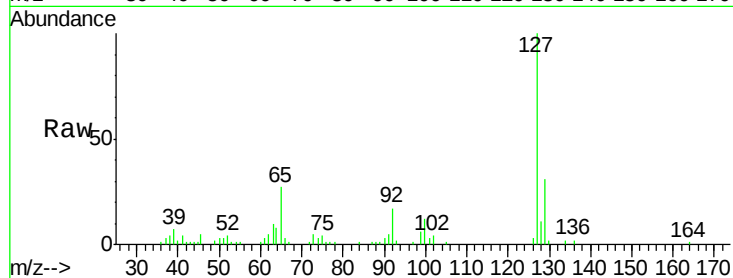




#33
4-Chloroaniline
Concen: 6.132 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

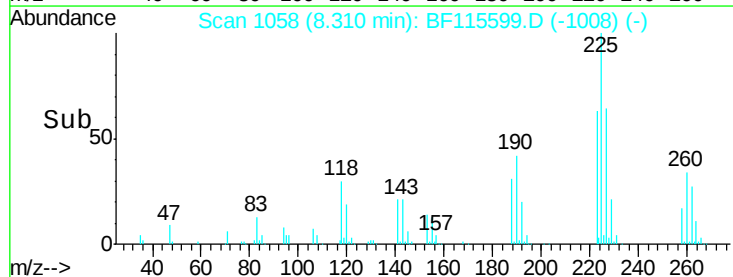
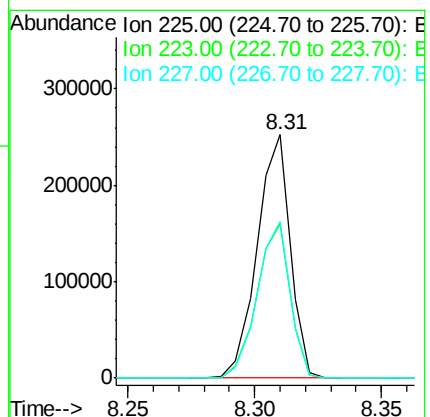
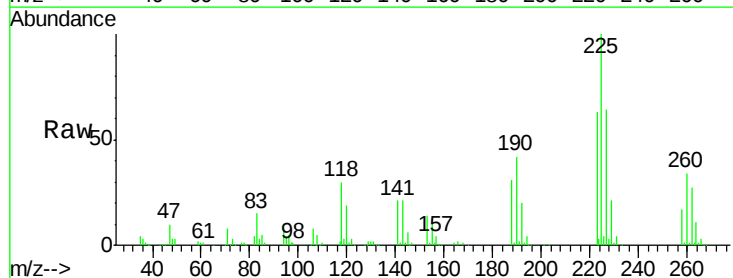
Instrument :
BNA_F
ClientSampleId :

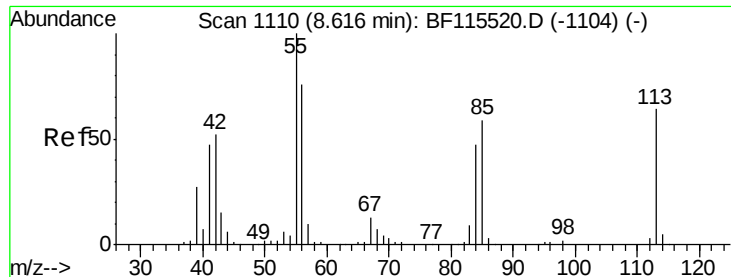
Tot Ion:127 Resp: 77033
Ion Ratio Lower Upper
127 100
129 31.3 26.6 39.8
65 27.0 23.7 35.5
92 17.2 15.8 23.8



#34
Hexachlorobutadiene
Concen: 40.680 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion:225 Resp: 229424
Ion Ratio Lower Upper
225 100
223 63.2 50.9 76.3
227 64.2 50.7 76.1





#35

Caprolactam

Concen: 23.320 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

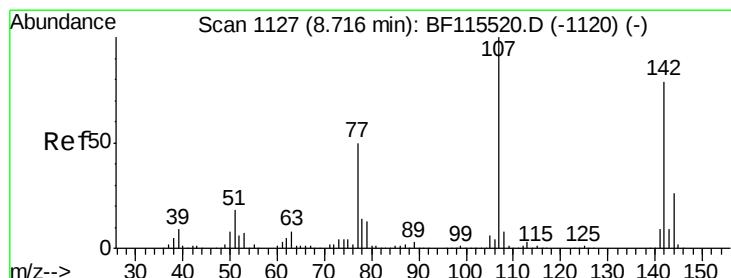
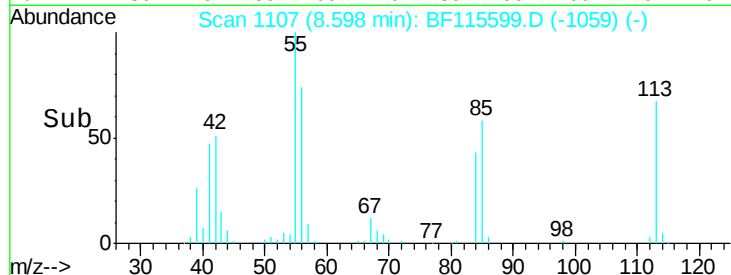
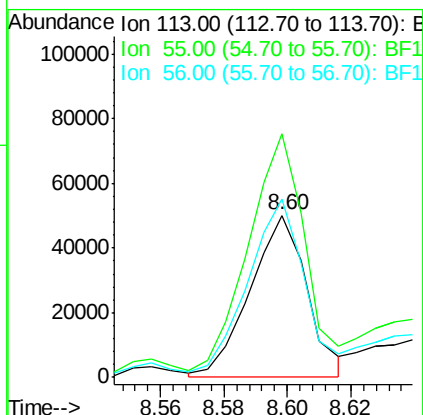
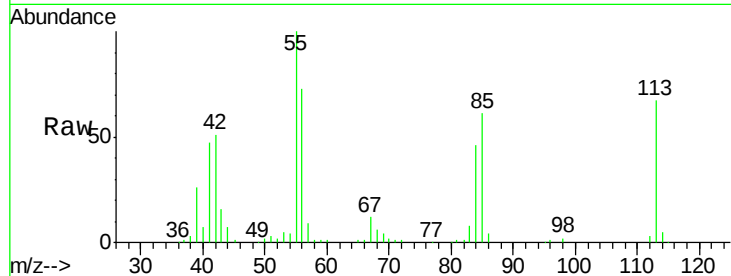
Instrument :

BNA_F

ClientSampleId :

Tot Ion:113 Resp: 62697

Ion	Ratio	Lower	Upper
113	100		
55	150.1	126.9	166.9
56	110.1	90.3	130.3



#36

4-Chloro-3-methylphenol

Concen: 43.910 ng

RT: 8.72 min Scan# 1127

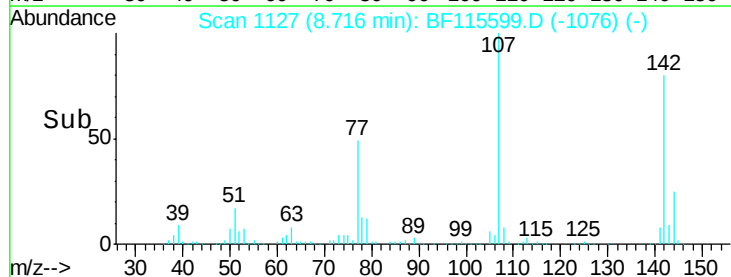
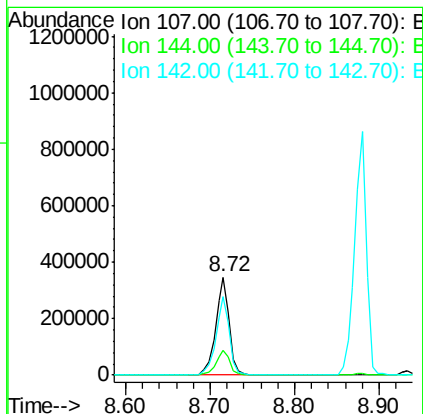
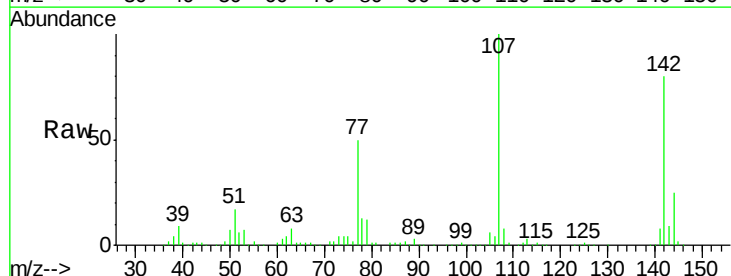
Delta R.T. 0.00 min

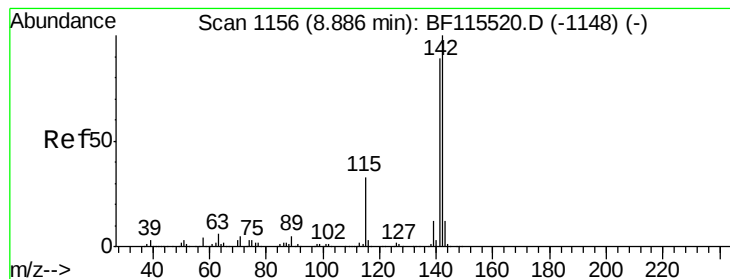
Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Tgt Ion:107 Resp: 396280

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.6	30.8
142	79.7	63.1	94.7





#37

2-Methylnaphthalene

Concen: 44.562 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampled :

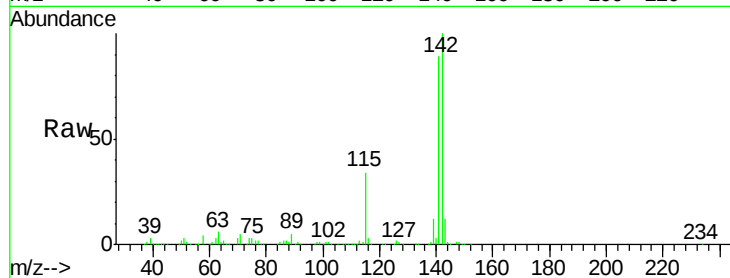
Tot Ion:142 Resp: 837738

Ion Ratio Lower Upper

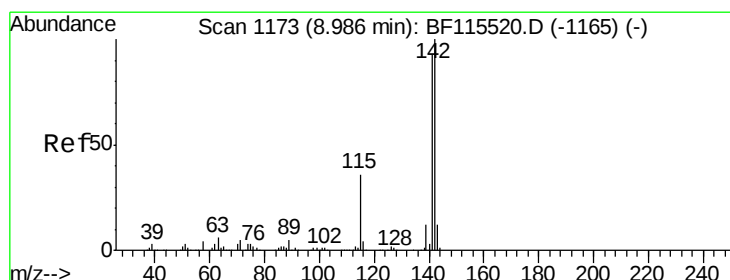
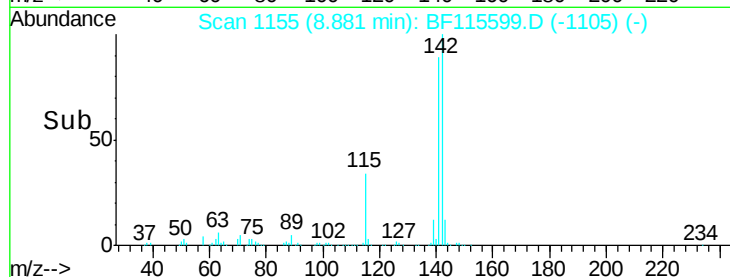
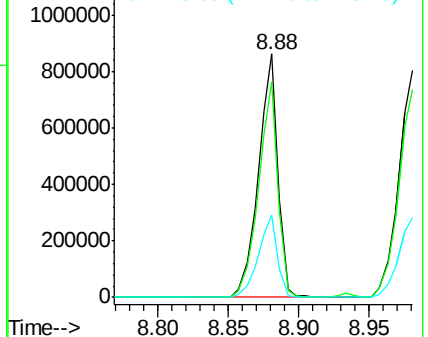
142 100

141 88.5 72.0 108.0

115 34.0 29.9 44.9



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



#38

1-Methylnaphthalene

Concen: 44.141 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

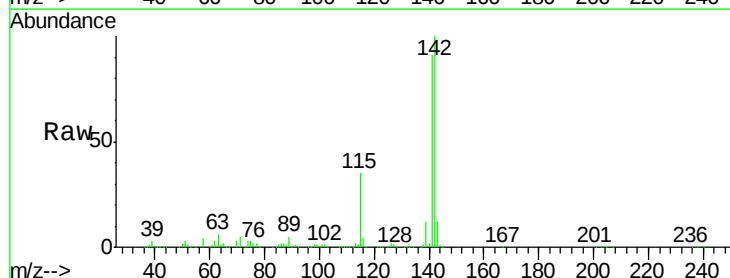
Tgt Ion:142 Resp: 788202

Ion Ratio Lower Upper

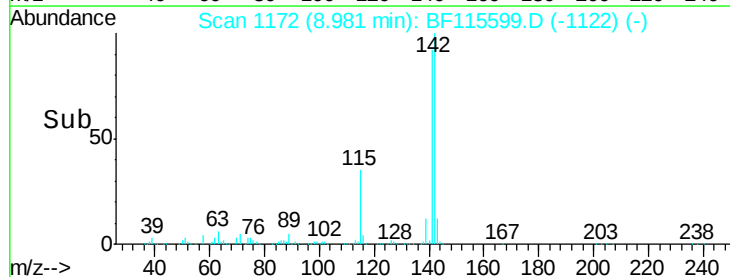
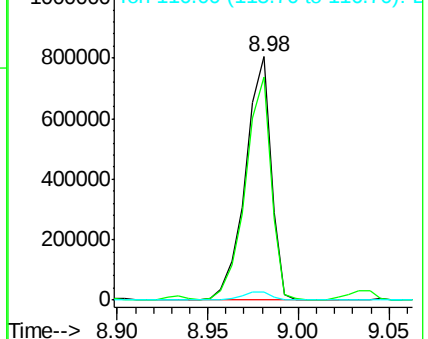
142 100

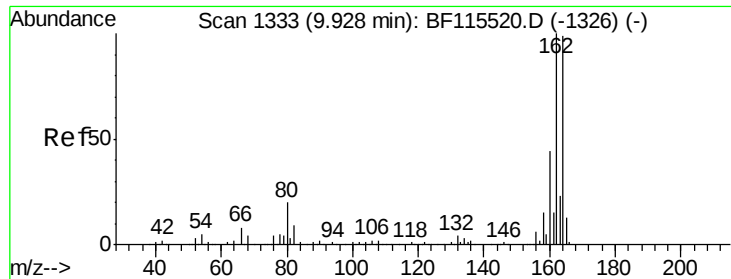
141 91.4 75.3 112.9

116 3.5 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

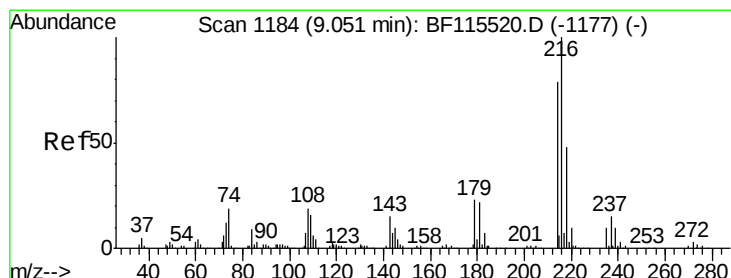
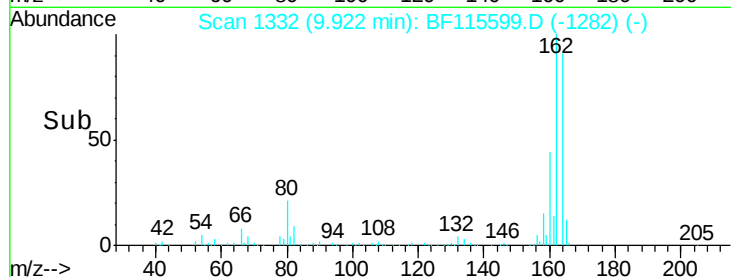
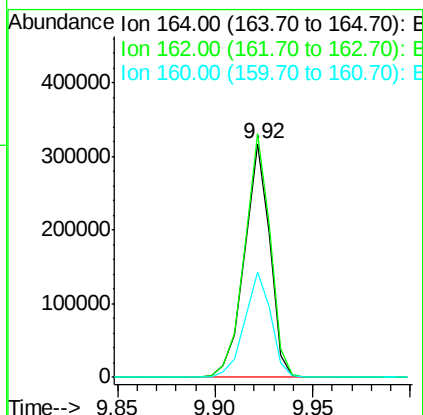
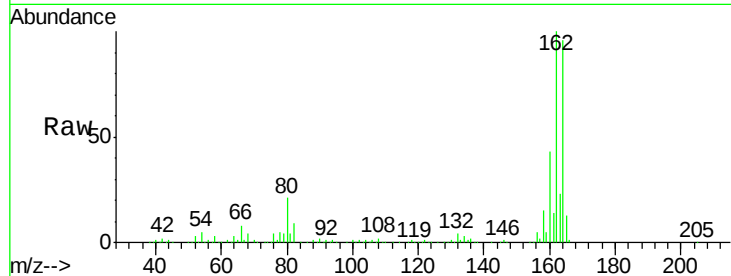




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

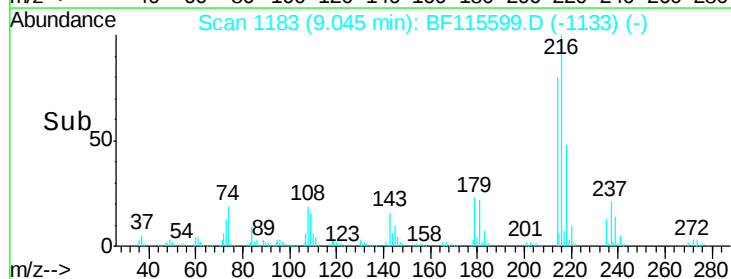
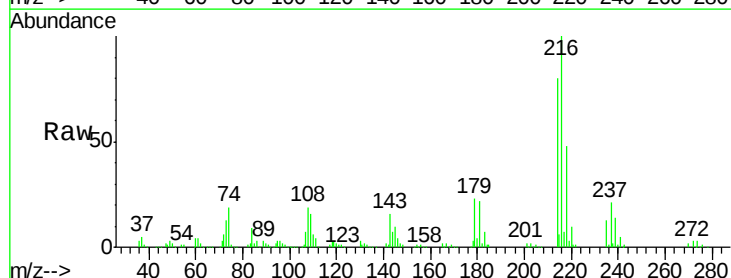
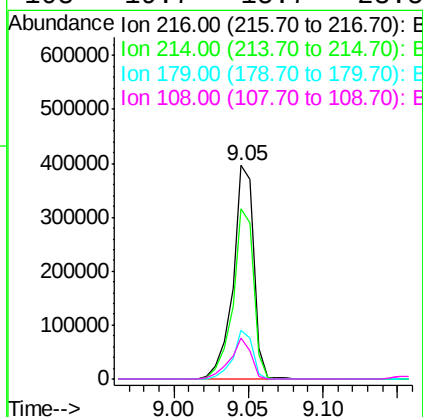
Instrument :
BNA_F
ClientSampleId :

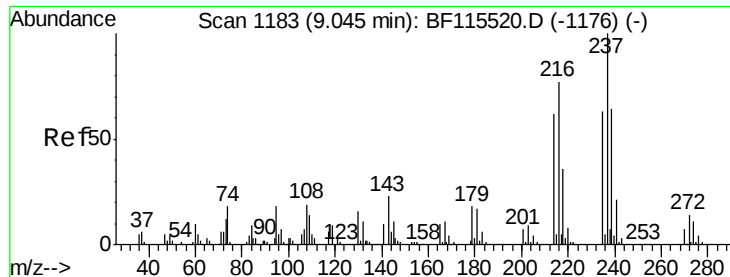
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.9	124.3
160	45.3	36.8	55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.029 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	65.1	97.7
179	21.7	18.3	27.5
108	19.7	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 56.185 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

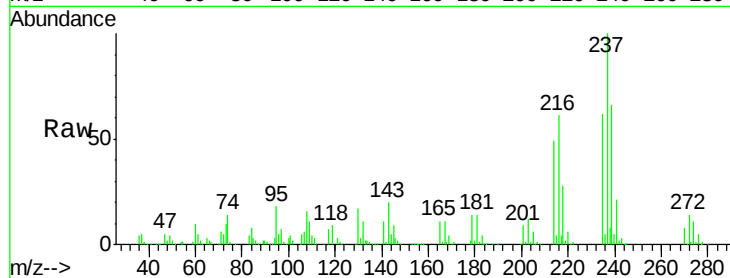
Tot Ion:237 Resp: 275936

Ion Ratio Lower Upper

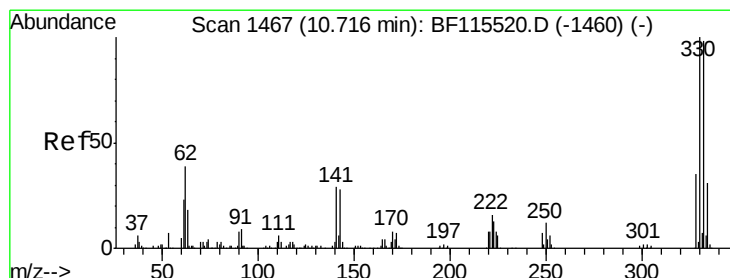
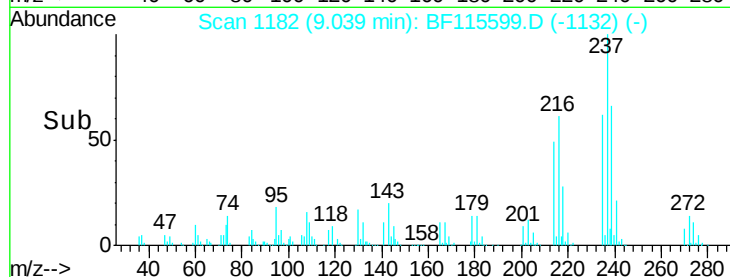
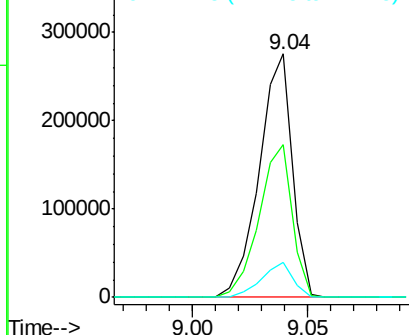
237 100

235 62.5 43.6 83.6

272 14.3 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: 130.089 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

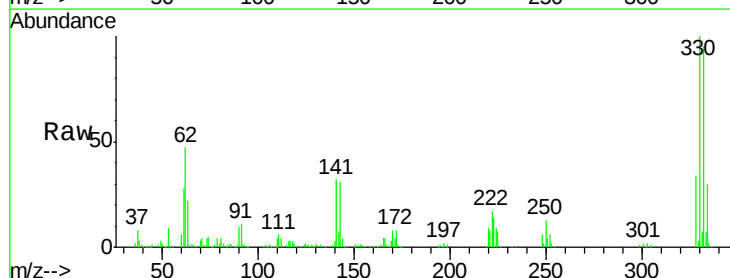
Tgt Ion:330 Resp: 434128

Ion Ratio Lower Upper

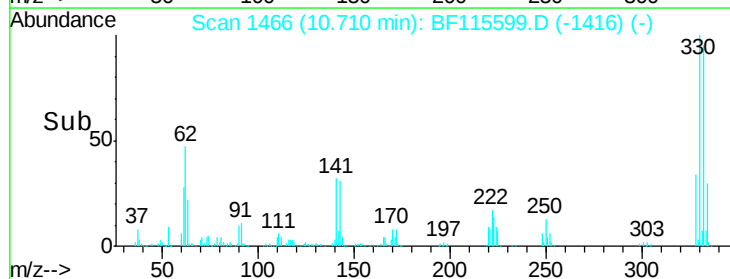
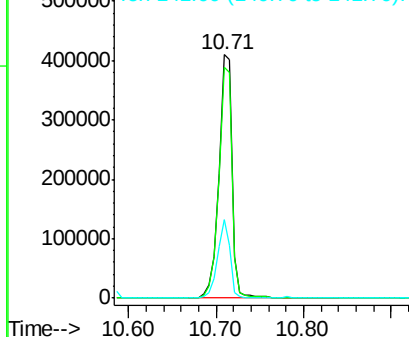
330 100

332 95.5 77.4 116.2

141 30.3 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

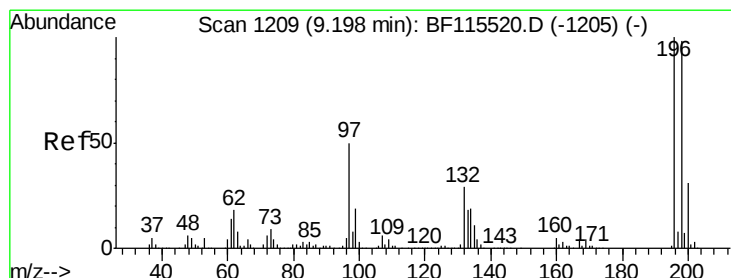
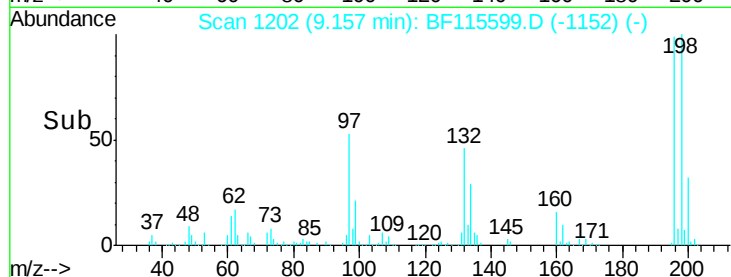
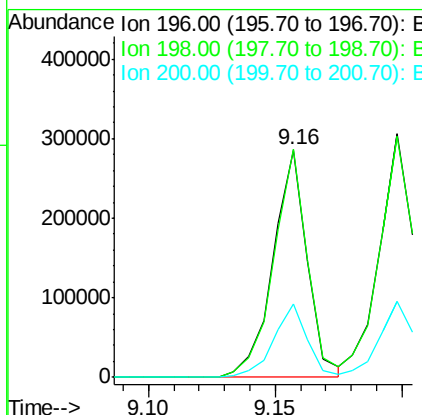
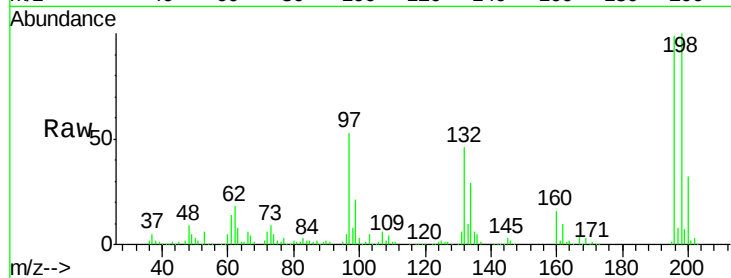




#43
 2,4,6-Trichlorophenol
 Concen: 43.002 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

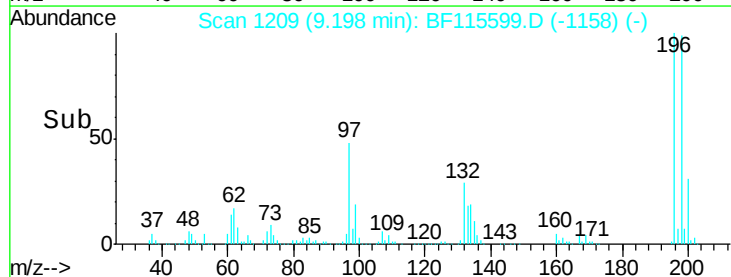
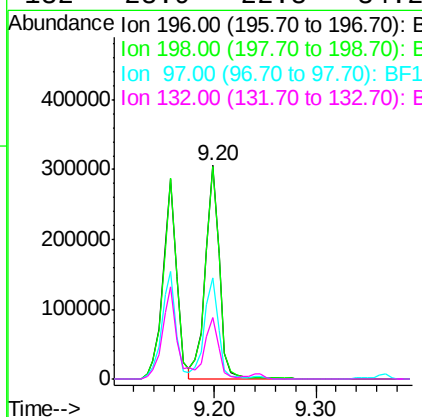
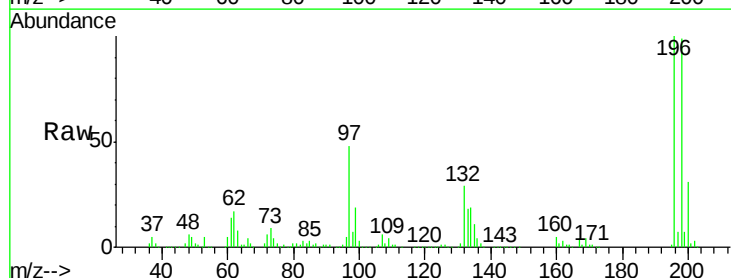
Instrument :
 BNA_F
 ClientSampled :

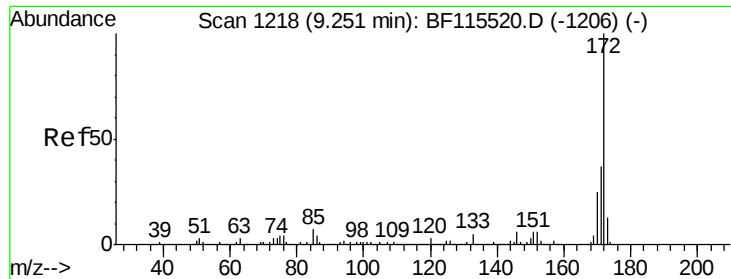
Tot Ion:196 Resp: 270745
 Ion Ratio Lower Upper
 196 100
 198 100.5 80.6 121.0
 200 32.2 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.448 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion:196 Resp: 293041
 Ion Ratio Lower Upper
 196 100
 198 99.2 79.6 119.4
 97 47.5 37.8 56.6
 132 28.9 22.8 34.2

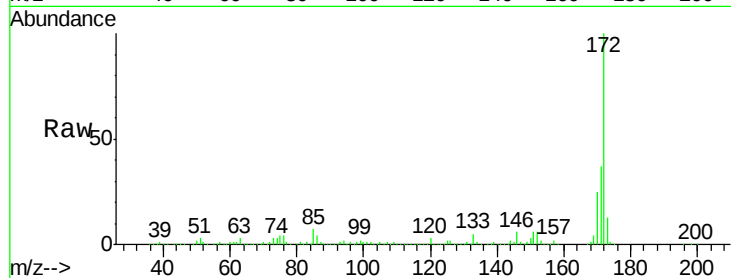




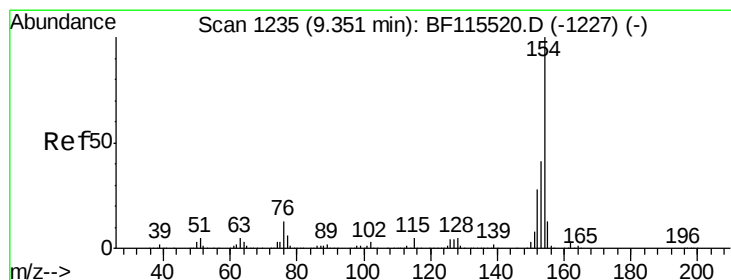
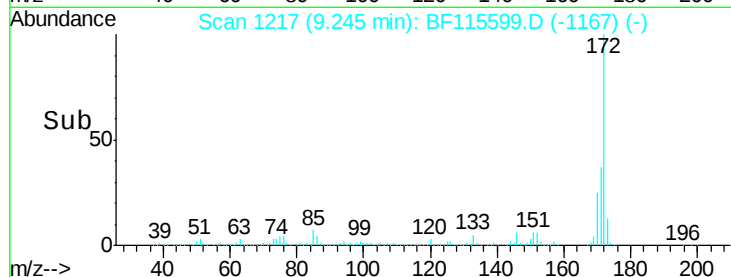
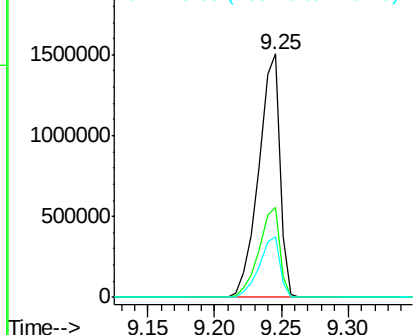
#45
2-Fluorobiphenyl
Concen: 100.340 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1639015
Ion Ratio Lower Upper
172 100
171 37.0 30.6 46.0
170 24.9 20.5 30.7

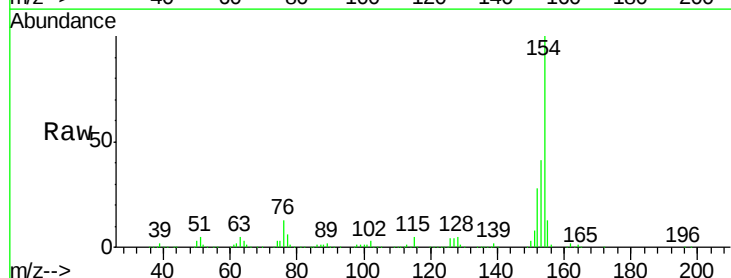


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

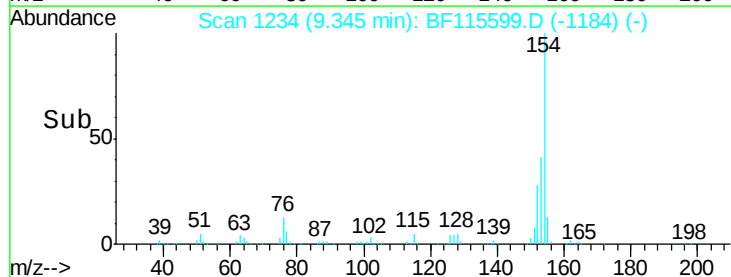
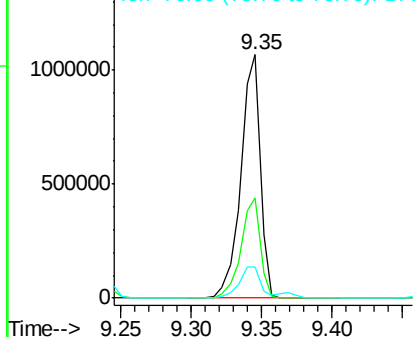


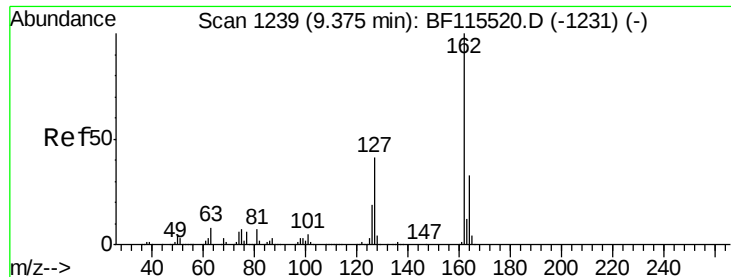
#46
1,1'-Biphenyl
Concen: 45.724 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion:154 Resp: 1021993
Ion Ratio Lower Upper
154 100
153 41.1 22.6 62.6
76 12.8 0.0 33.4



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

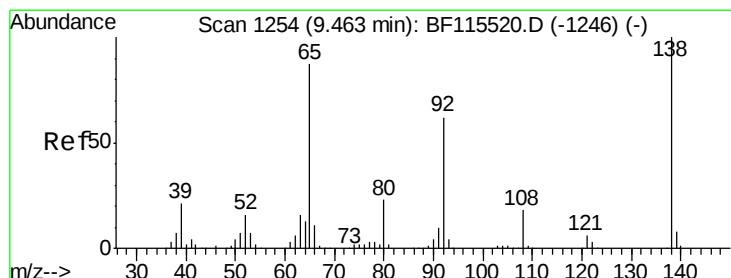
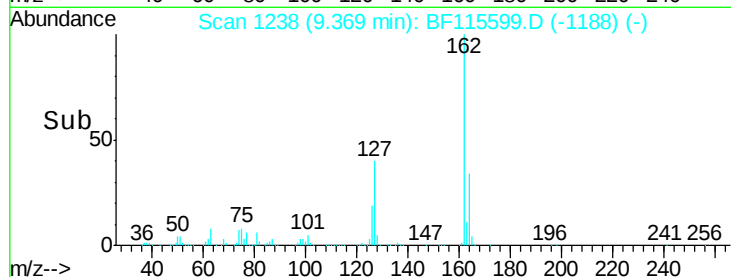
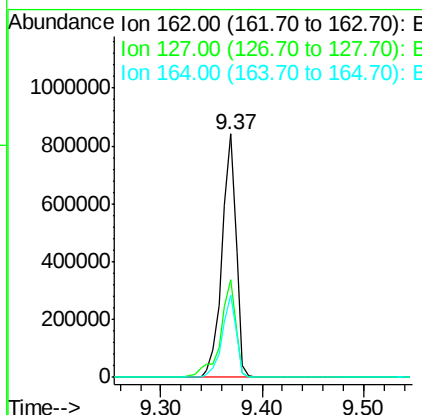
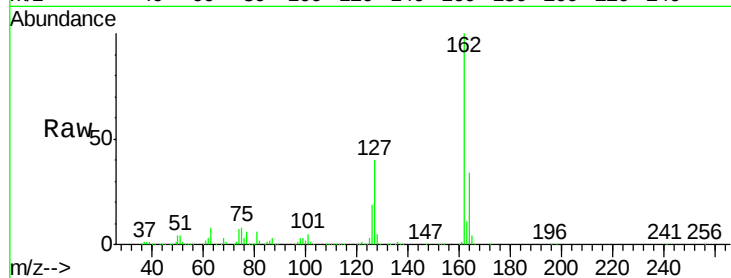




#47
 2-Chloronaphthalene
 Concen: 43.524 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

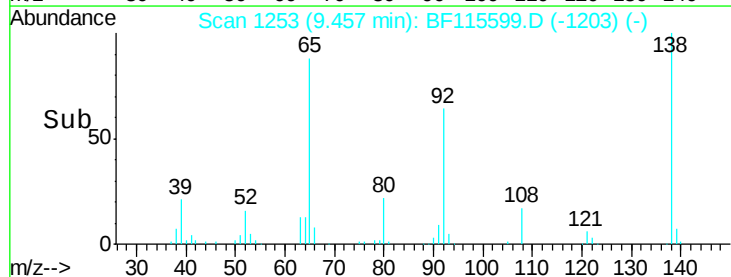
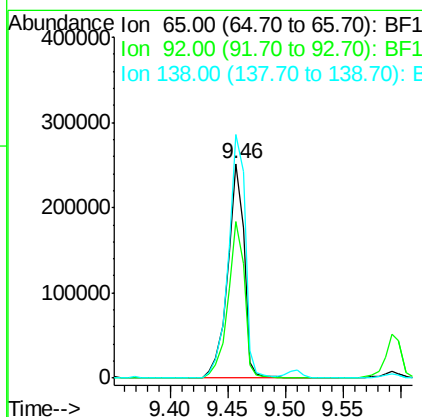
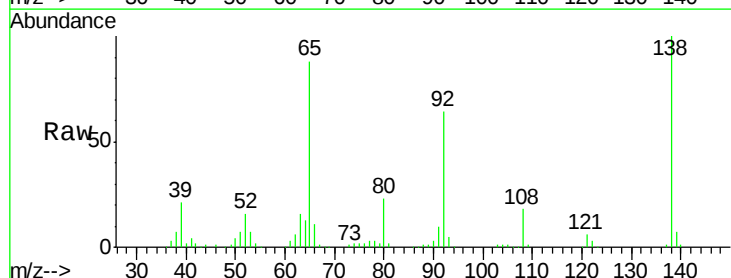
Instrument :
 BNA_F
 ClientSampleId :

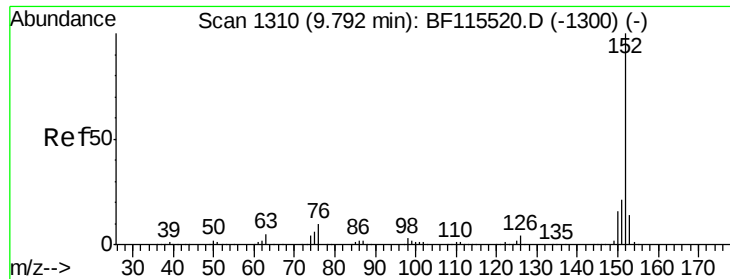
Tot Ion:162 Resp: 810031
 Ion Ratio Lower Upper
 162 100
 127 40.1 34.1 51.1
 164 33.7 27.4 41.2



#48
 2-Nitroaniline
 Concen: 43.181 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion: 65 Resp: 248738
 Ion Ratio Lower Upper
 65 100
 92 72.9 57.8 86.6
 138 113.5 91.2 136.8





#49

Acenaphthylene

Concen: 44.890 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

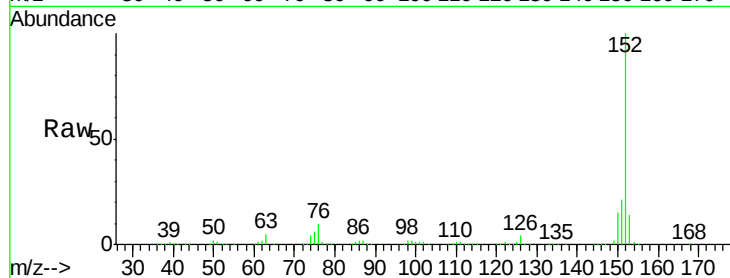
Tot Ion:152 Resp: 1237944

Ion Ratio Lower Upper

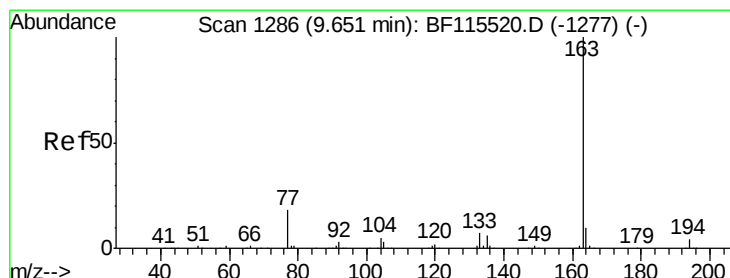
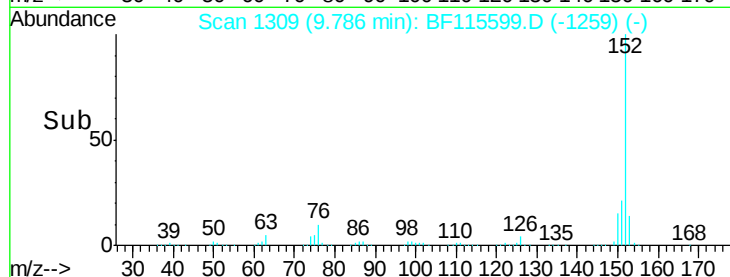
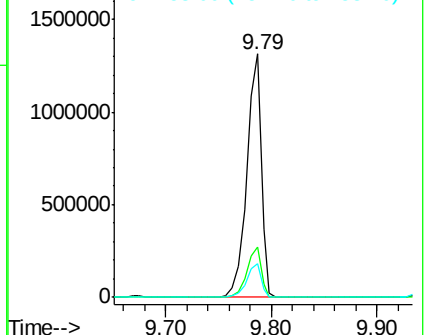
152 100

151 20.9 17.7 26.5

153 13.8 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.550 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

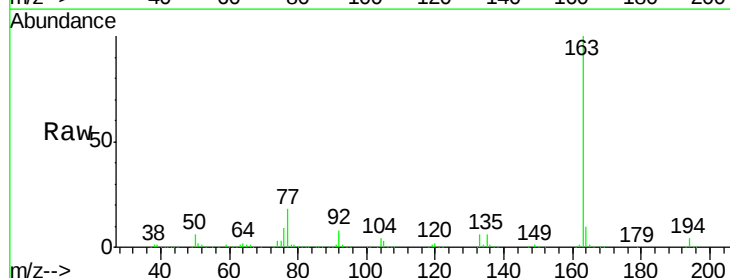
Tgt Ion:163 Resp: 979802

Ion Ratio Lower Upper

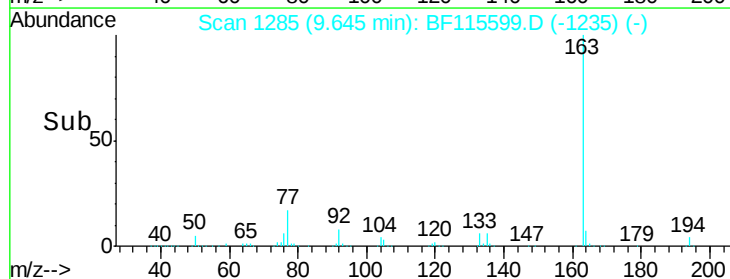
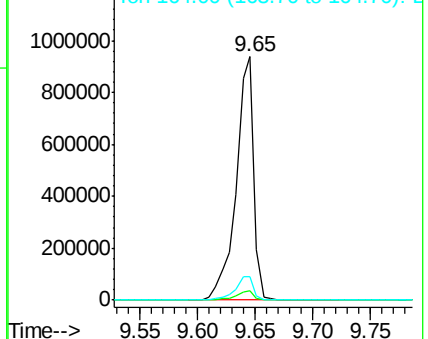
163 100

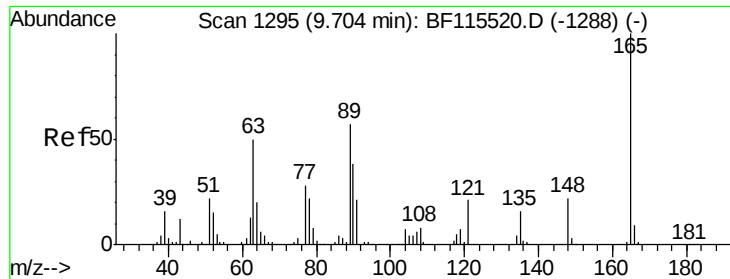
194 4.0 3.3 4.9

164 9.9 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

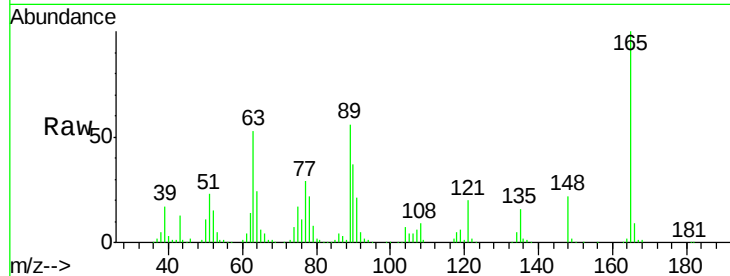




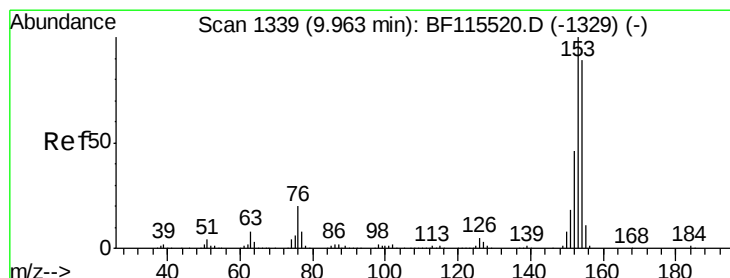
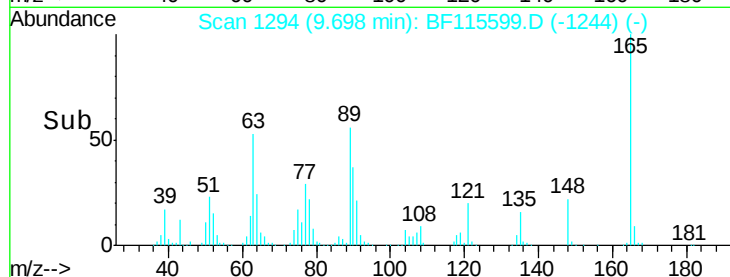
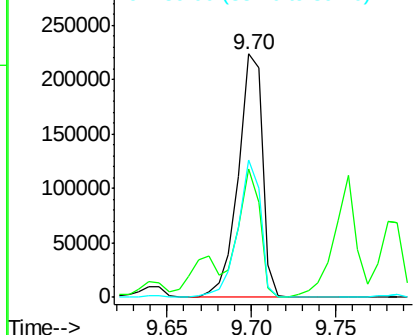
#51
 2,6-Dinitrotoluene
 Concen: 45.883 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.8	40.6	61.0
89	56.3	43.9	65.9

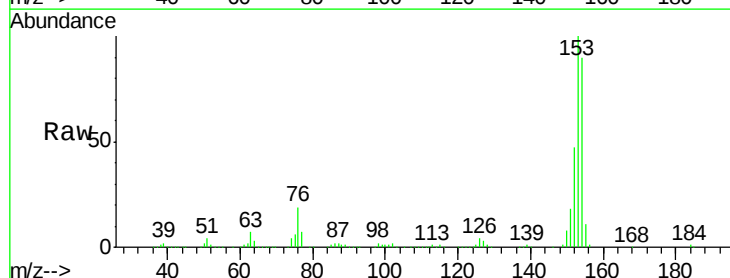


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

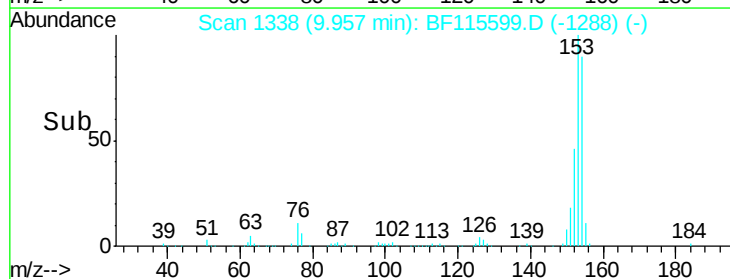
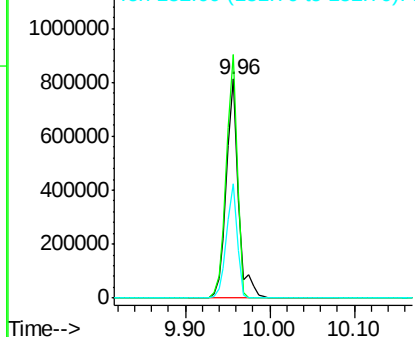


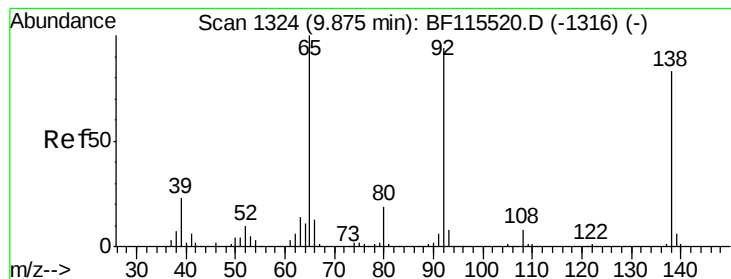
#52
 Acenaphthene
 Concen: 45.479 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	88.6	133.0
152	52.0	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: 14.641 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

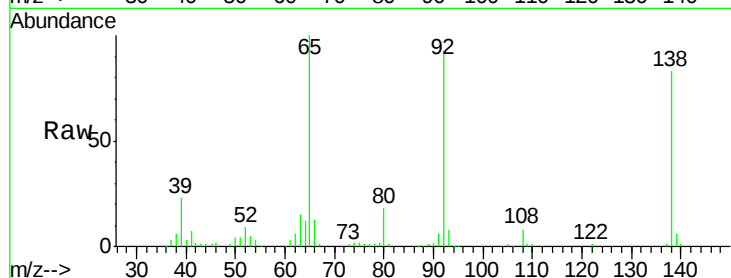
Tot Ion:138 Resp: 81787

Ion Ratio Lower Upper

138 100

108 9.9 8.4 12.6

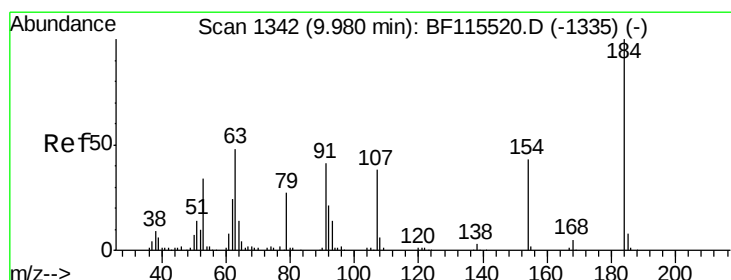
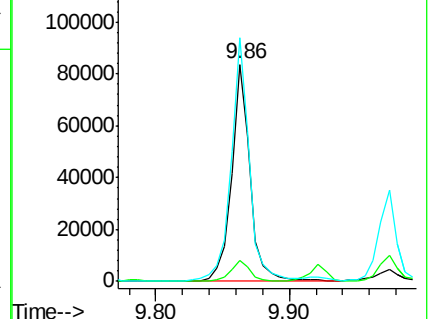
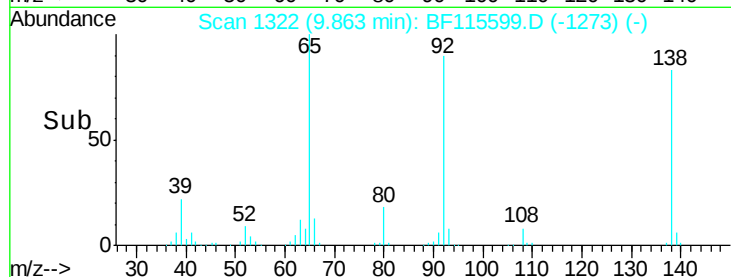
92 112.1 88.0 132.0



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: 52.110 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

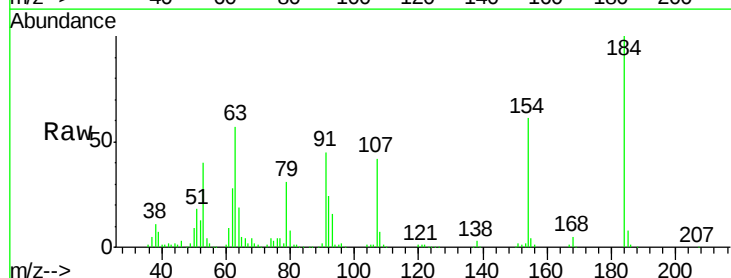
Tgt Ion:184 Resp: 130784

Ion Ratio Lower Upper

184 100

63 56.8 48.7 73.1

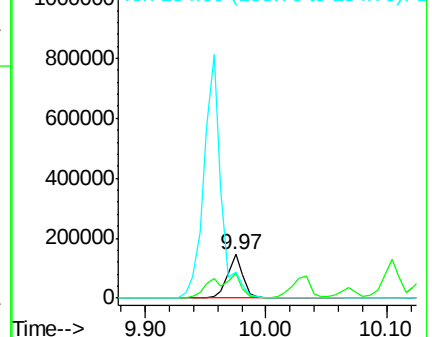
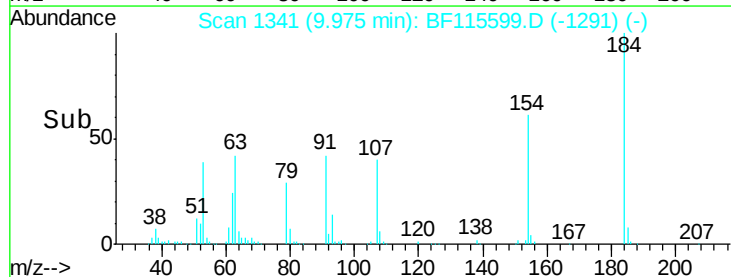
154 60.9 48.6 73.0



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

Dibenzenofuran

Concen: 44.246 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

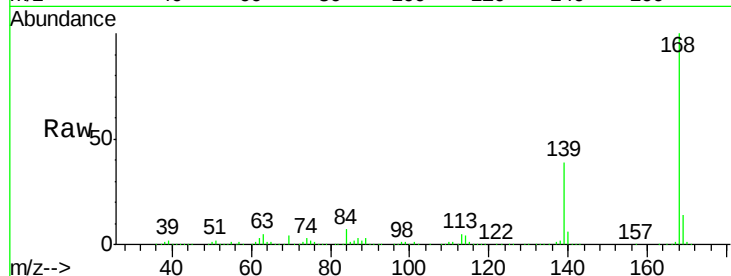
Tot Ion:168 Resp: 1118710

Ion Ratio Lower Upper

168 100

139 38.9 31.1 46.7

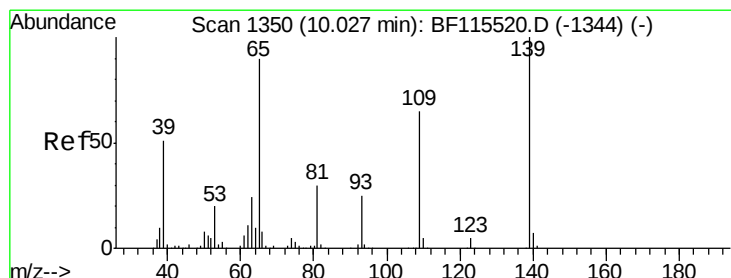
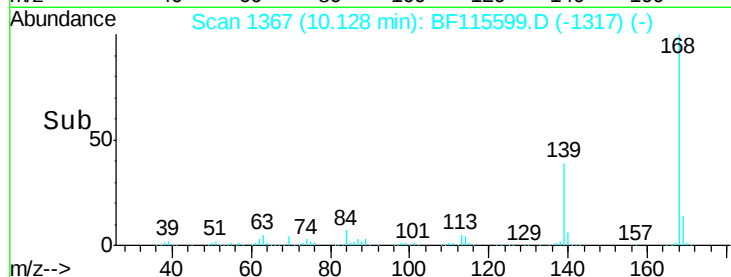
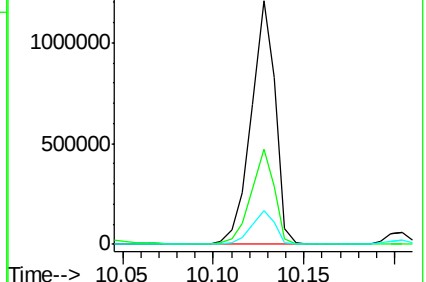
169 13.8 11.1 16.7



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: 79.264 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

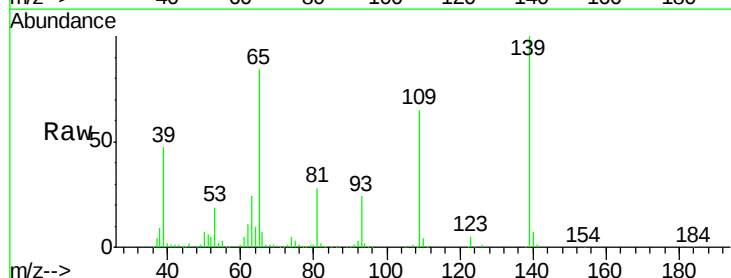
Tgt Ion:139 Resp: 337649

Ion Ratio Lower Upper

139 100

109 65.4 46.4 86.4

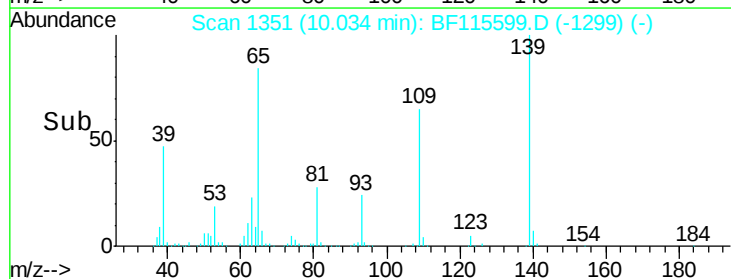
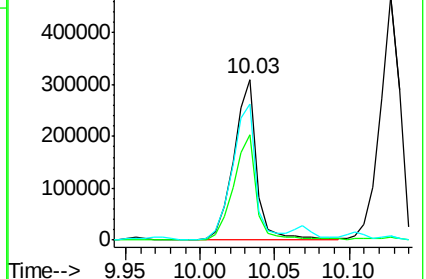
65 84.3 68.9 108.9

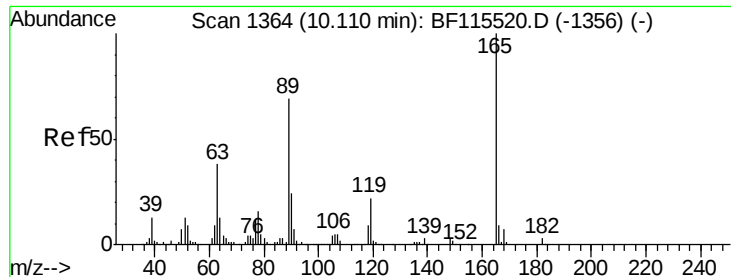


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

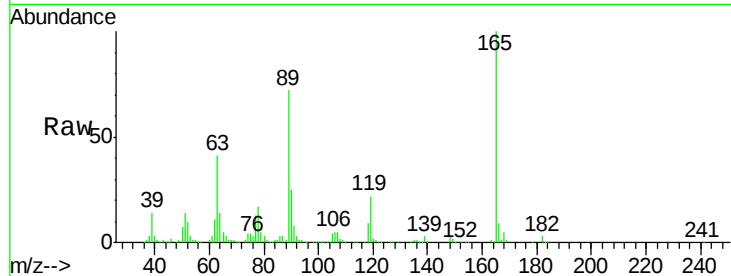




#57
2,4-Dinitrotoluene
Concen: 47.129 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.1	34.9	52.3
89	71.9	57.5	86.3
182	2.7	2.2	3.4

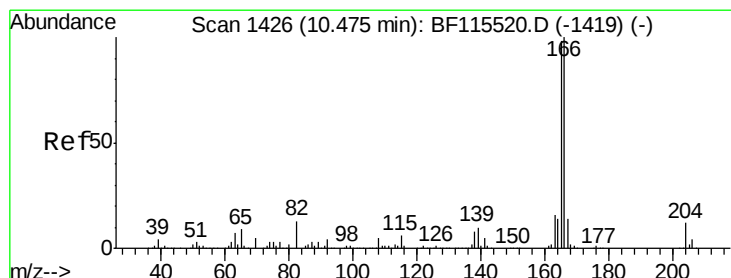
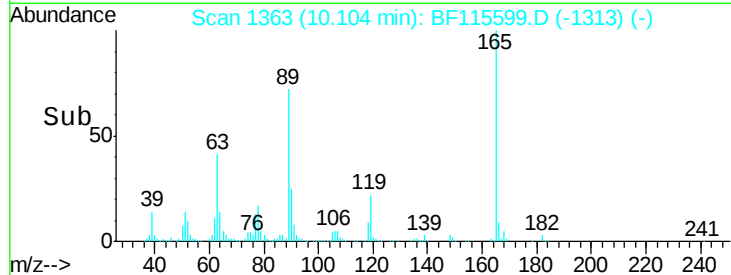
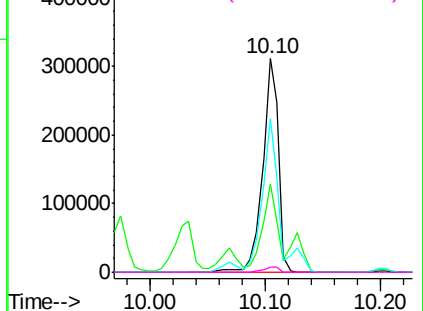


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

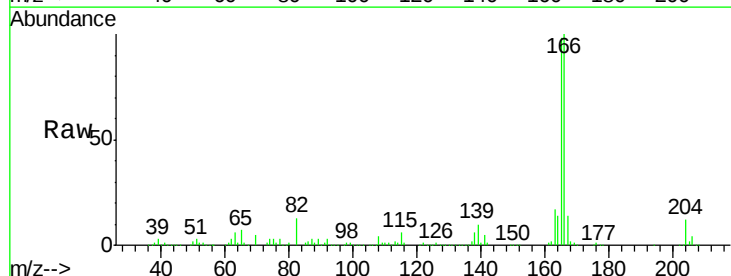
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.927 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

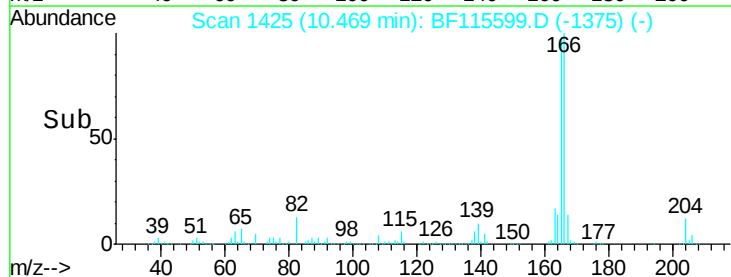
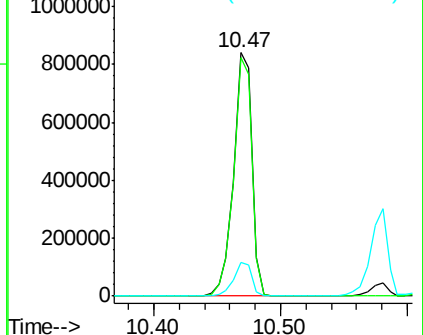
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.6
167	13.7	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.494 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 245214

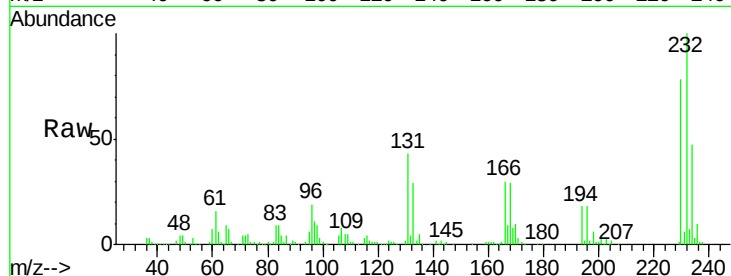
Ion Ratio Lower Upper

232 100

131 43.2 35.9 53.9

130 2.1 1.8 2.6

166 30.2 24.8 37.2

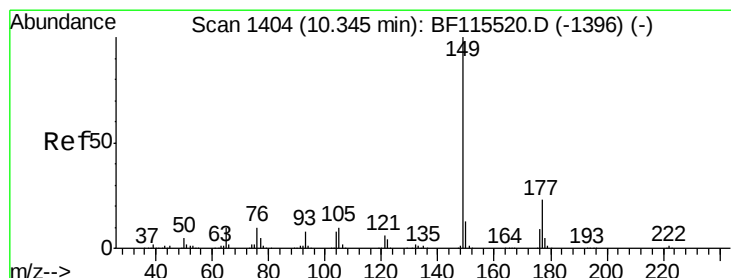
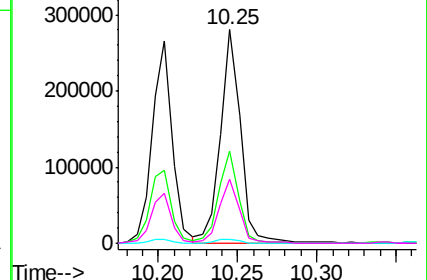
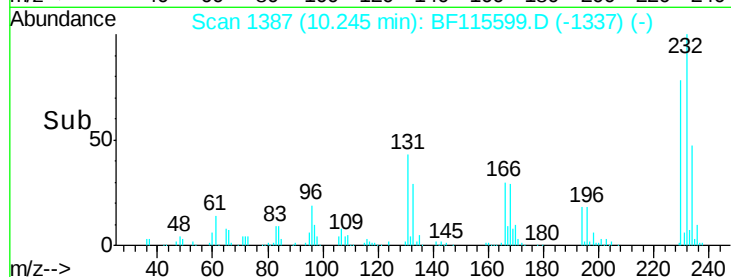


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 46.444 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

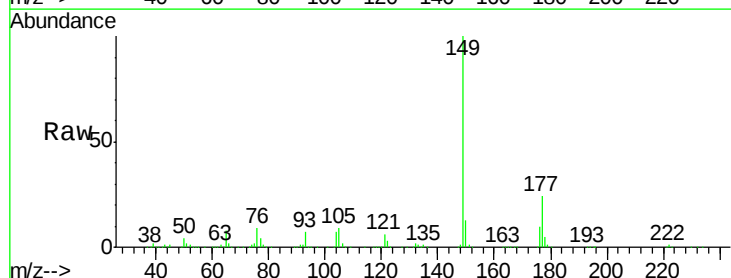
Tgt Ion:149 Resp: 936050

Ion Ratio Lower Upper

149 100

177 24.1 19.5 29.3

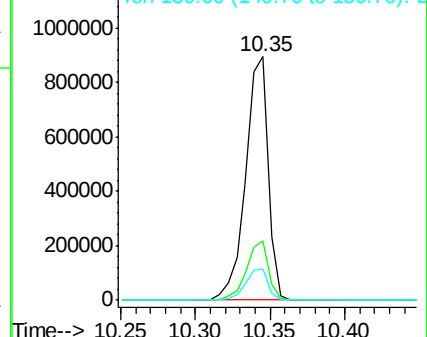
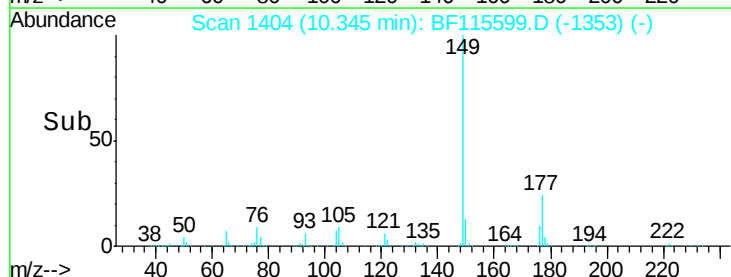
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

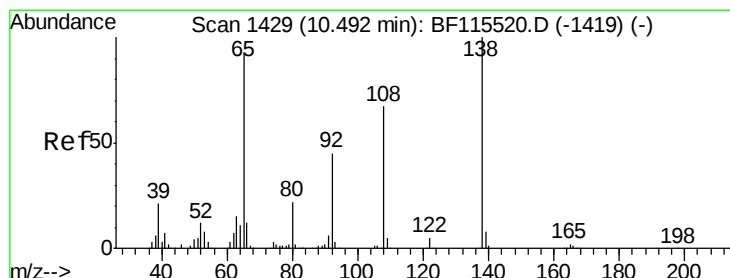
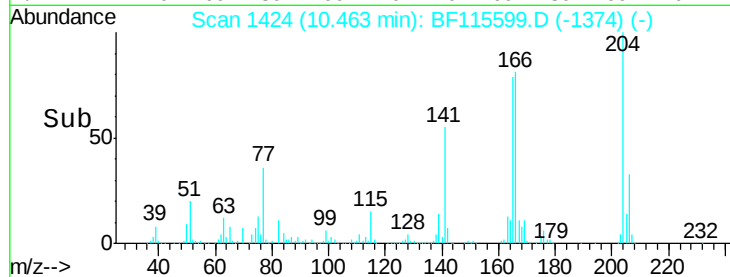
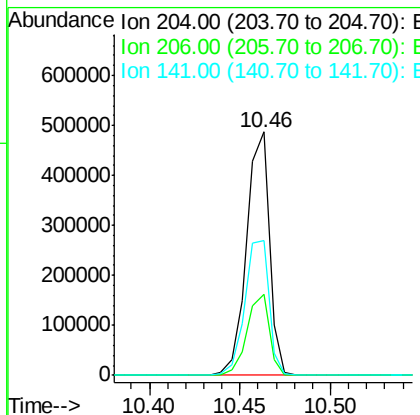
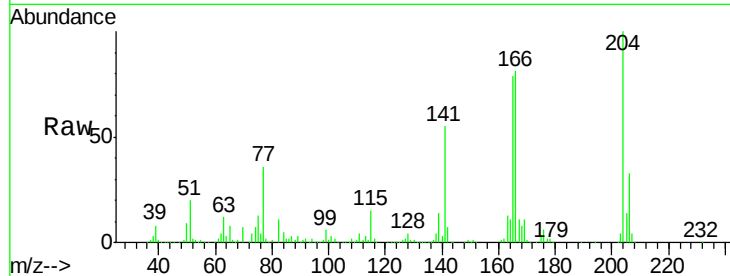




#61
 4-Chlorophenyl-phenylether
 Concen: 42.662 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

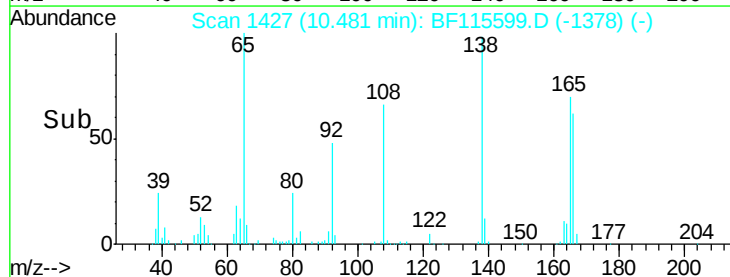
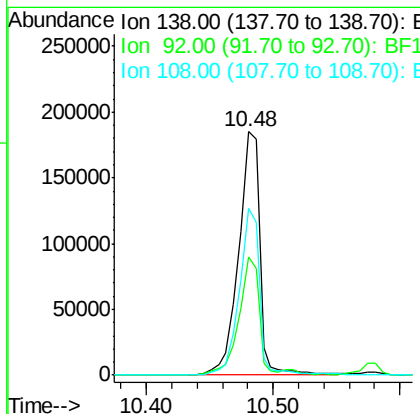
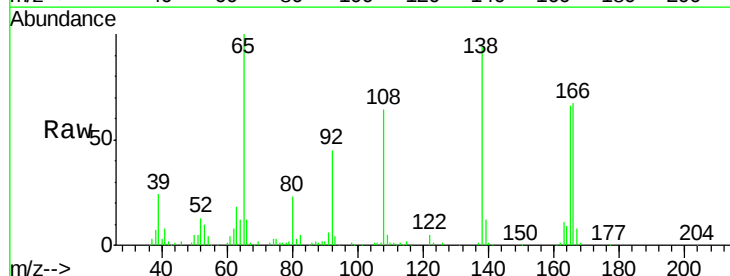
Instrument :
 BNA_F
 ClientSampleId :

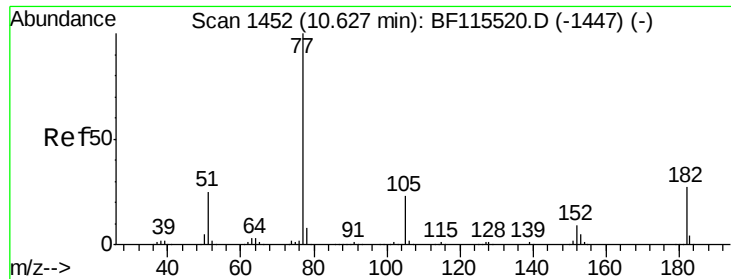
Tot Ion:204 Resp: 427630
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.7 40.1
 141 55.3 44.2 66.2



#62
 4-Nitroaniline
 Concen: 39.801 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion:138 Resp: 213271
 Ion Ratio Lower Upper
 138 100
 92 48.5 27.1 67.1
 108 68.7 48.0 88.0





#63

Azobenzene

Concen: 45.399 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 887494

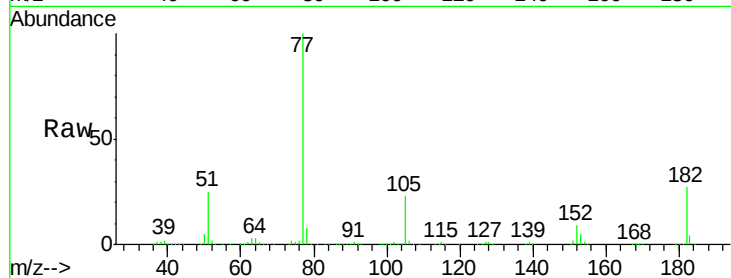
Ion Ratio Lower Upper

77 100

182 26.9 6.9 46.9

105 22.8 3.9 43.9

51 24.8 7.3 47.3

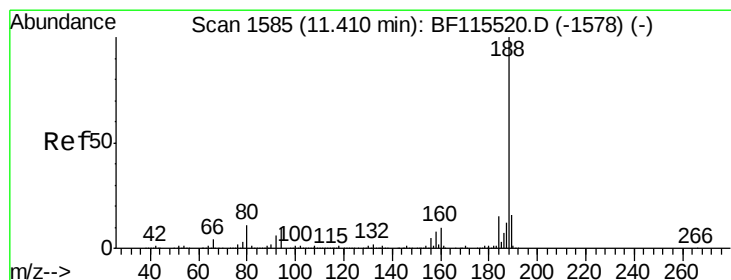
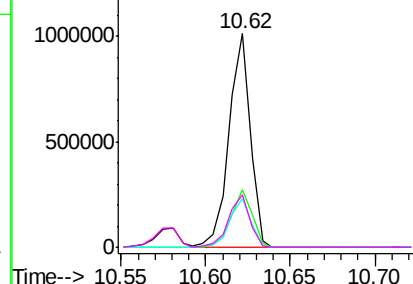
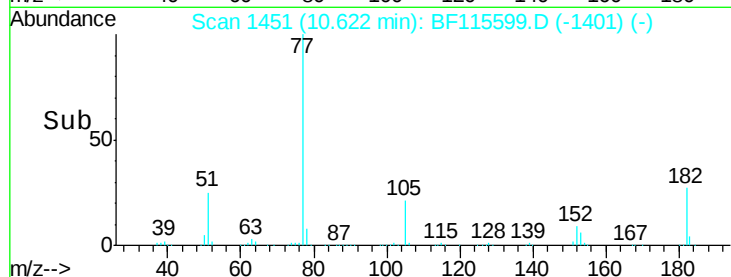


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

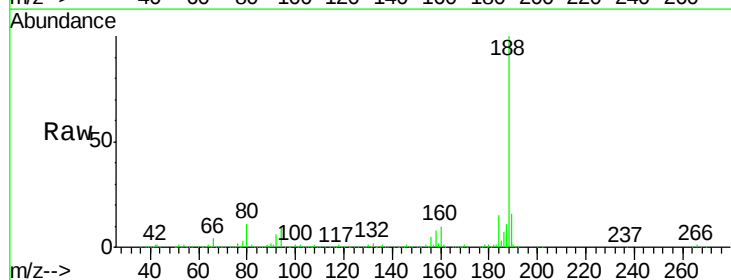
Tgt Ion: 188 Resp: 553162

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

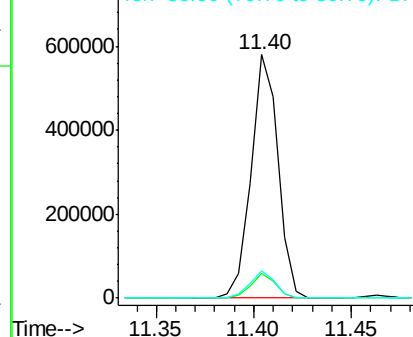
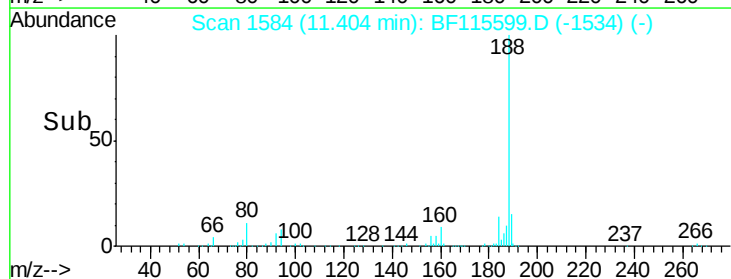
80 11.2 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

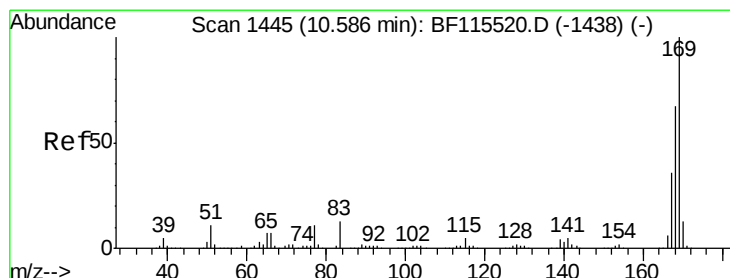
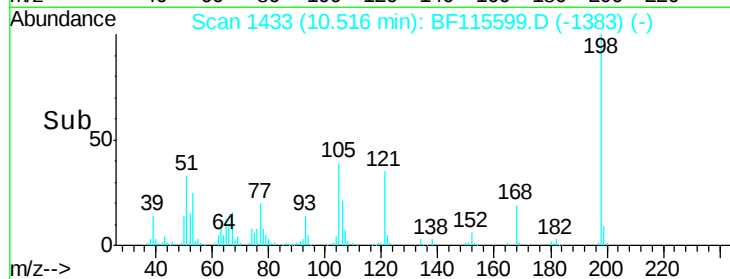
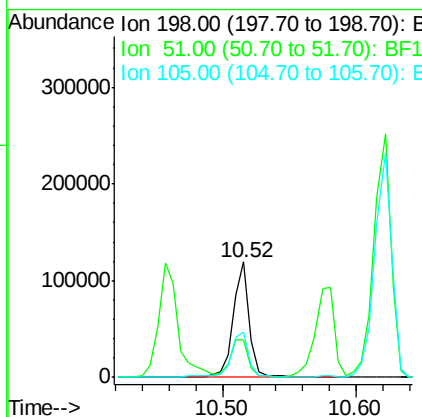
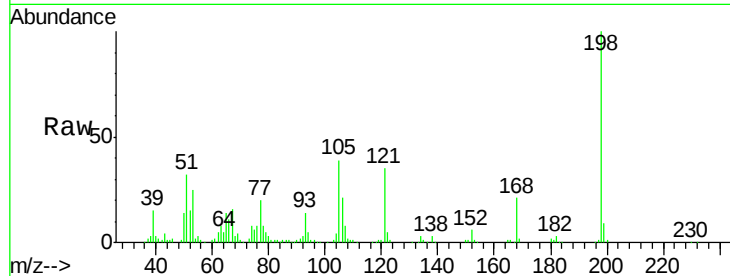




#65
 4,6-Dinitro-2-methylphenol
 Concen: 29.904 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

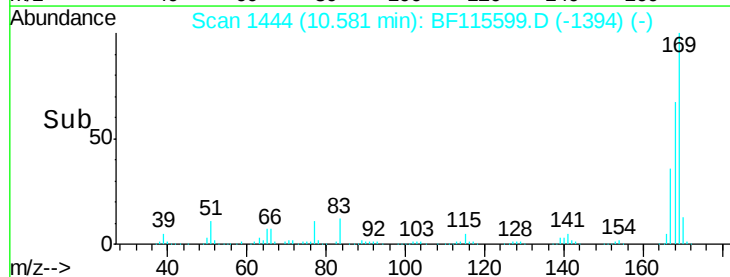
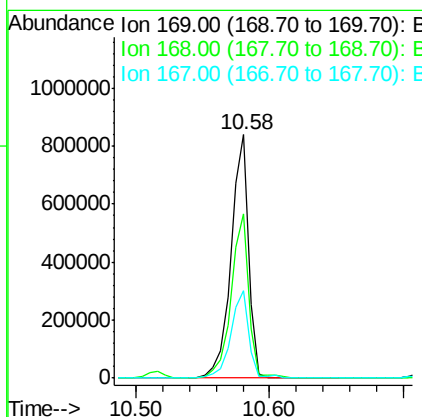
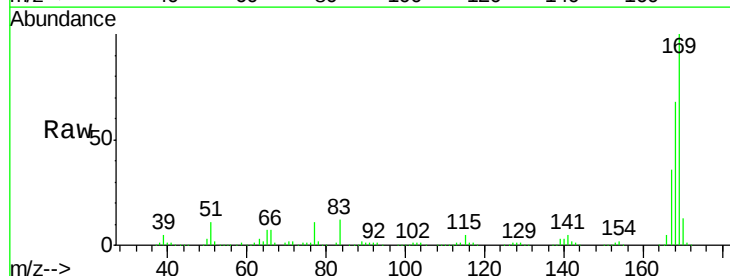
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.4	19.1	59.1
105	39.3	23.6	63.6



#66
 n-Nitrosodiphenylamine
 Concen: 45.304 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.3	81.5
167	36.1	30.2	45.2

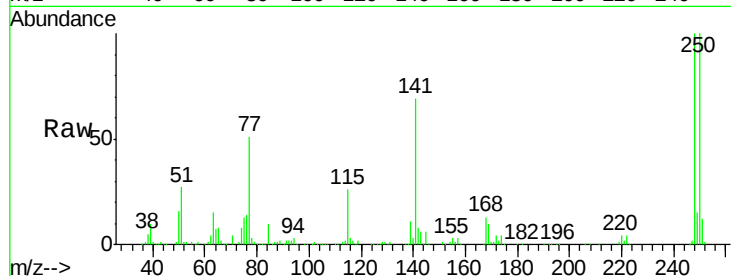




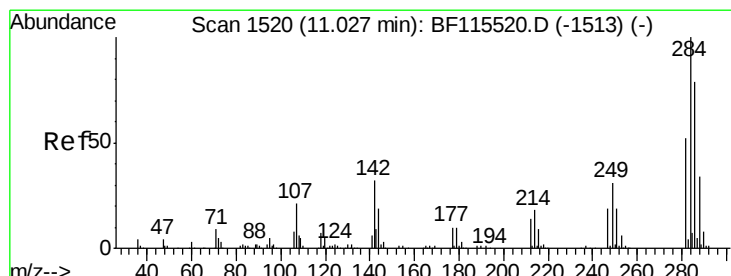
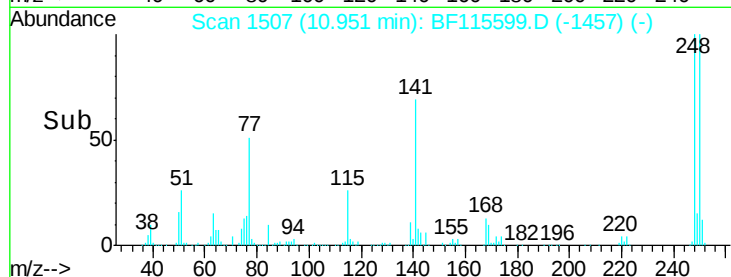
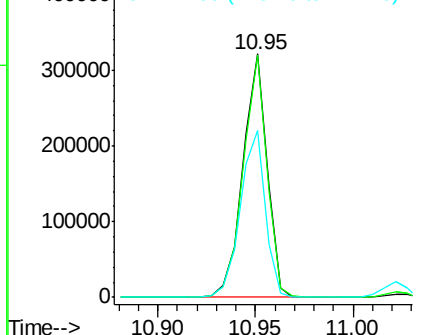
#67
4-Bromophenyl-phenylether
Concen: 43.700 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 276244
Ion Ratio Lower Upper
248 100
250 99.6 78.0 117.0
141 68.5 57.7 86.5

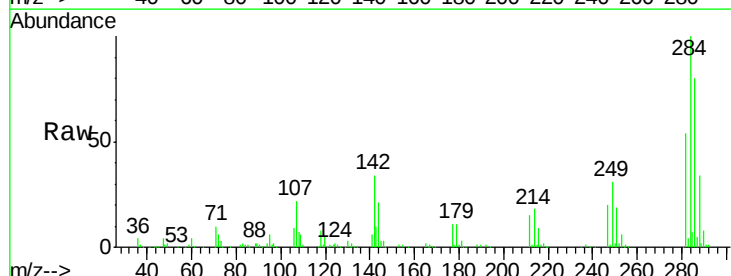


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

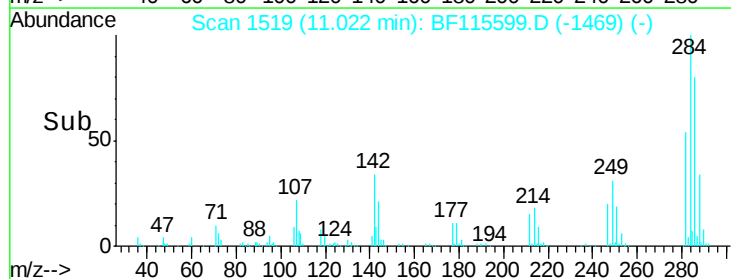
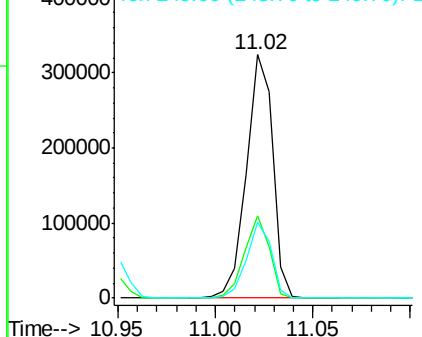


#68
Hexachlorobenzene
Concen: 41.918 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion:284 Resp: 302604
Ion Ratio Lower Upper
284 100
142 34.0 22.2 33.2#
249 31.3 23.4 35.2



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

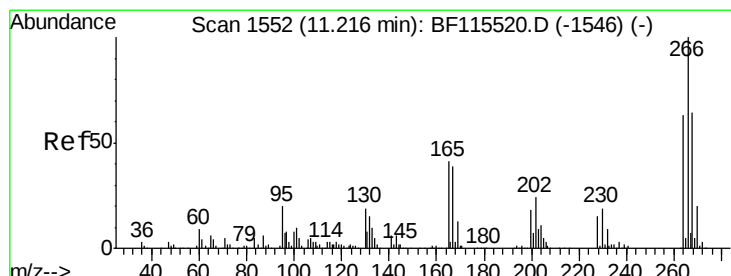
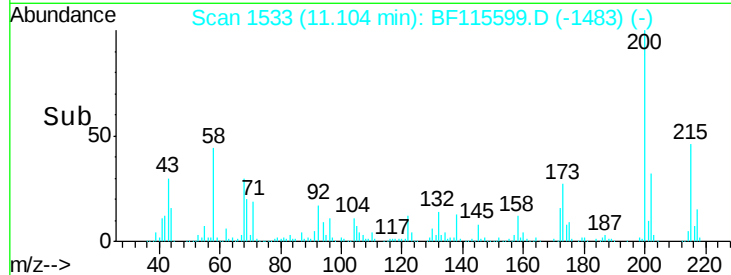
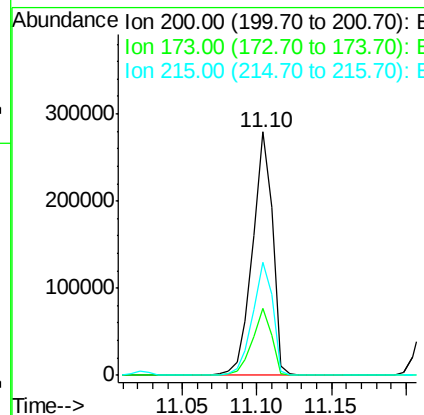
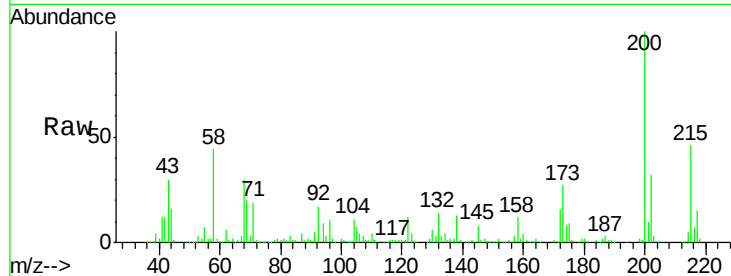




#69
Atrazine
Concen: 45.781 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

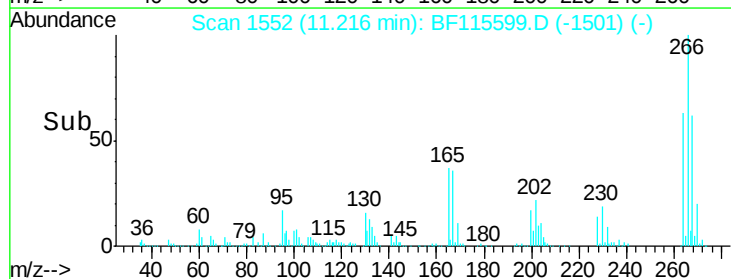
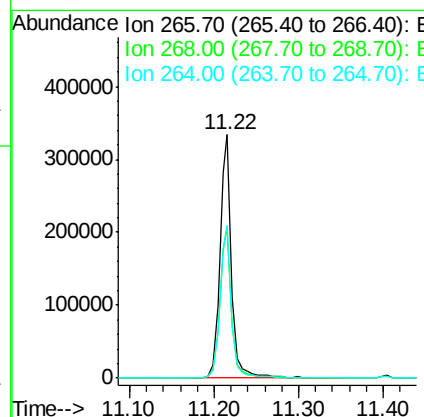
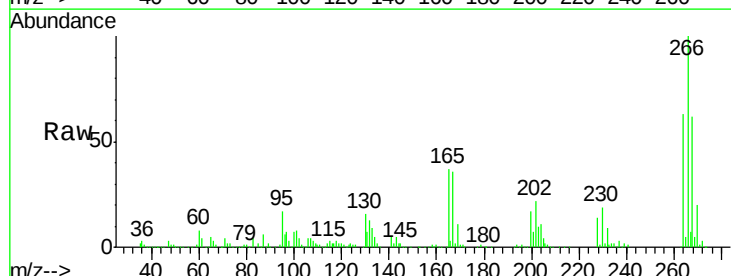
Instrument :
BNA_F
ClientSampleId :

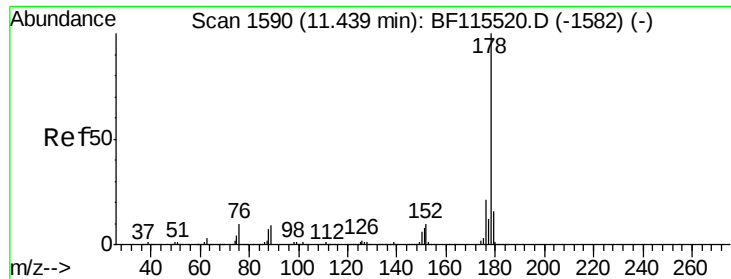
Tot Ion:200 Resp: 258425
Ion Ratio Lower Upper
200 100
173 27.4 6.9 46.9
215 46.5 27.9 67.9



#70
Pentachlorophenol
Concen: 74.514 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion:266 Resp: 328999
Ion Ratio Lower Upper
266 100
268 61.8 51.6 77.4
264 62.9 50.6 76.0

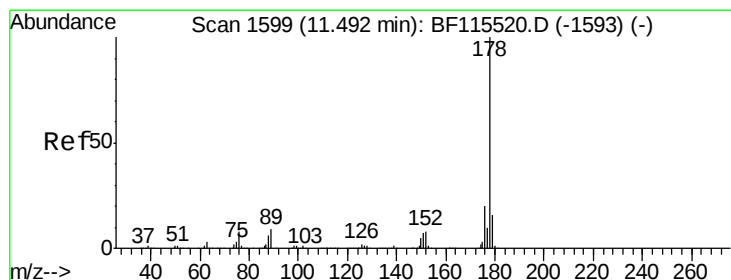
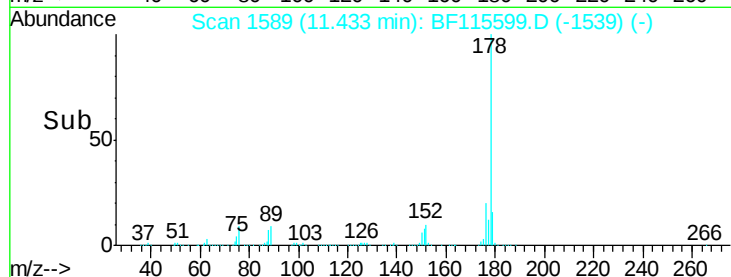
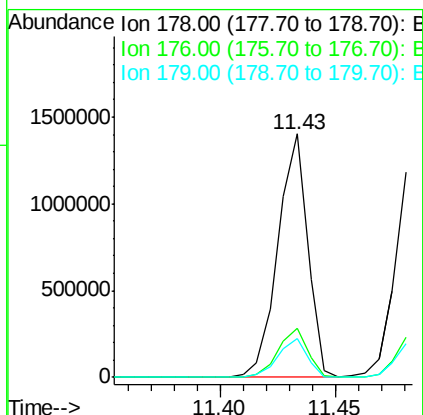
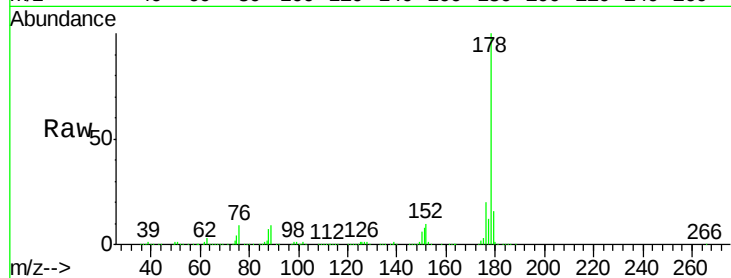




#71
Phenanthrene
Concen: 44.096 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

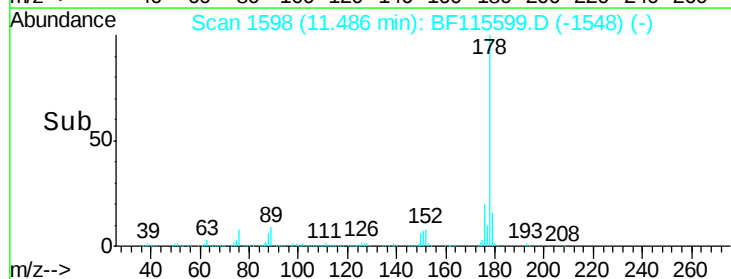
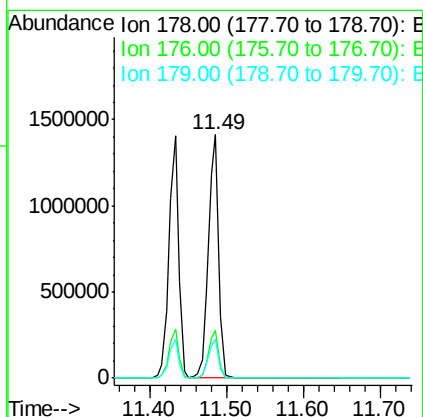
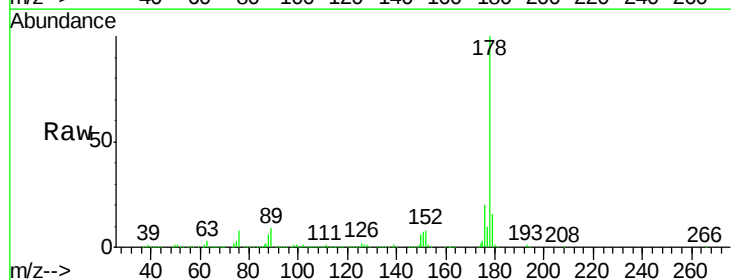
Instrument :
BNA_F
ClientSampleId :

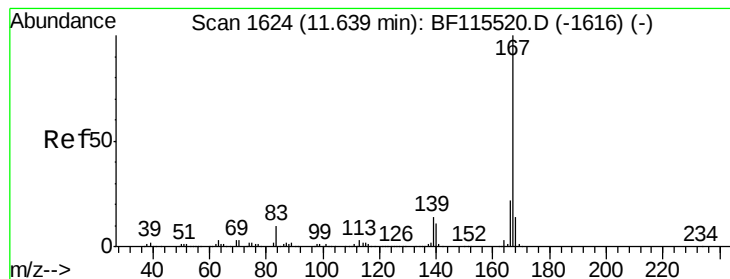
Tot Ion:178 Resp: 1250333
Ion Ratio Lower Upper
178 100
176 20.2 17.2 25.8
179 15.9 13.5 20.3



#72
Anthracene
Concen: 43.806 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion:178 Resp: 1283665
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.7 12.7 19.1





#73

Carbazole

Concen: 44.113 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

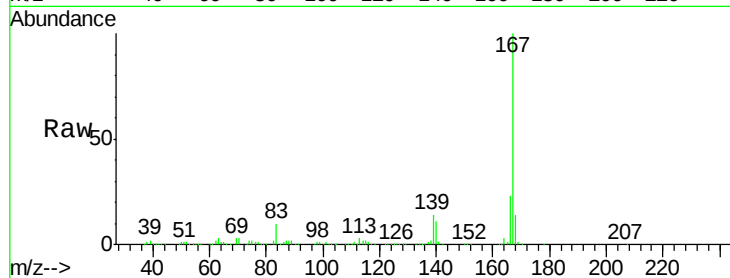
Tot Ion:167 Resp: 1133568

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

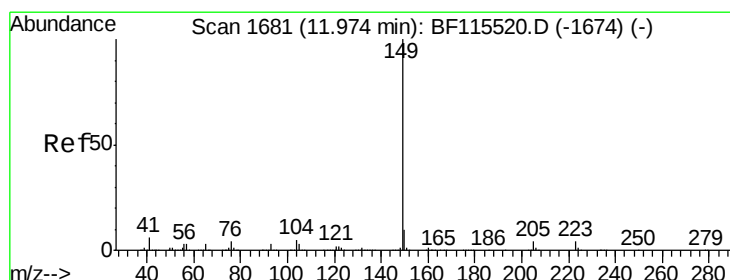
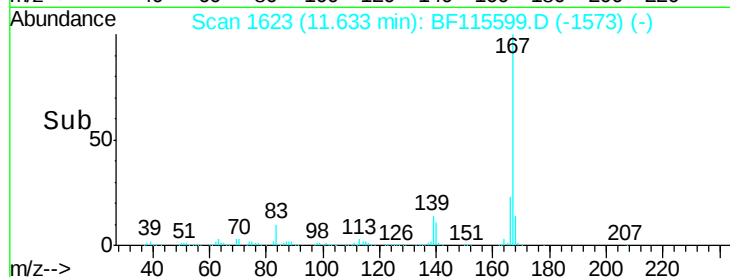
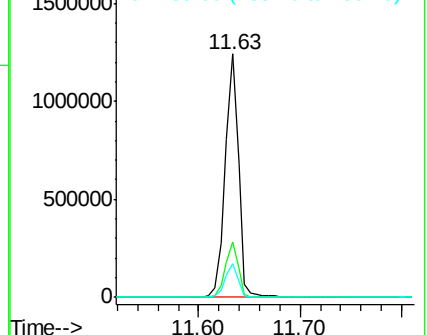
139 13.8 11.3 16.9



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: 46.311 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

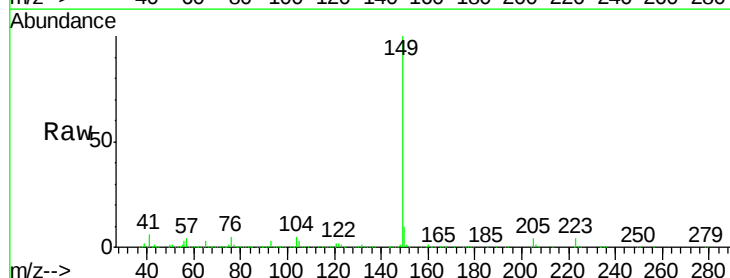
Tgt Ion:149 Resp: 1465882

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

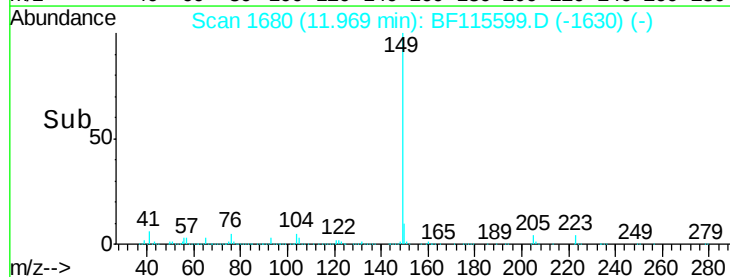
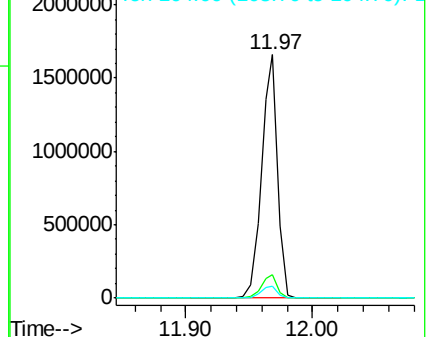
104 5.0 3.8 5.8

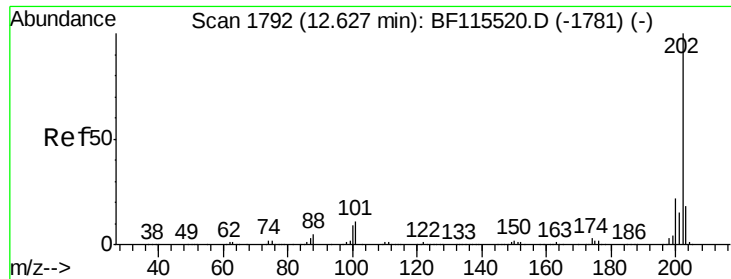


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

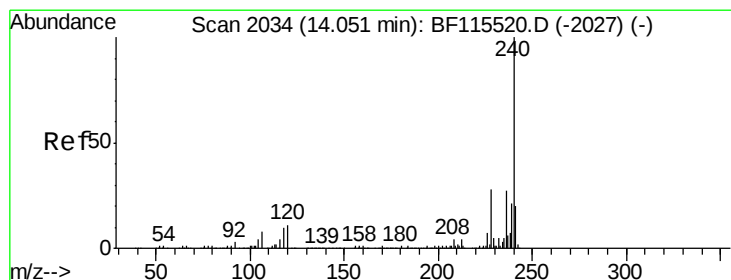
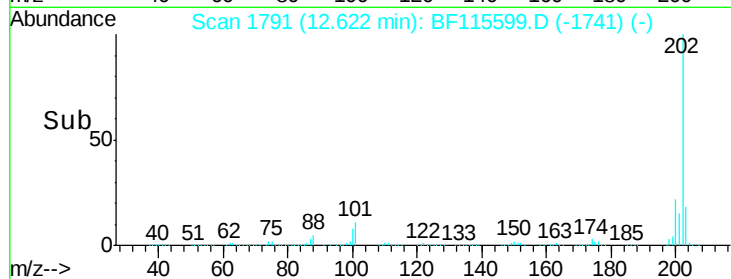
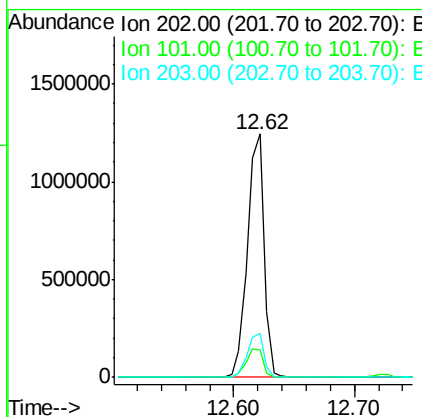
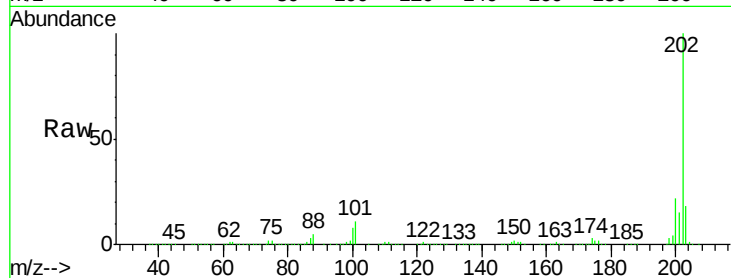




#75
 Fluoranthene
 Concen: 40.394 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

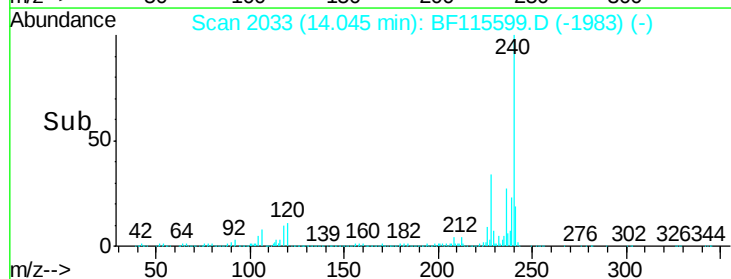
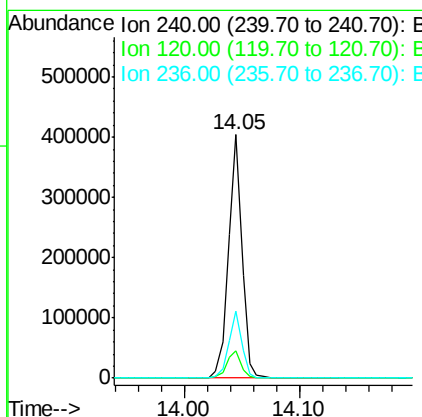
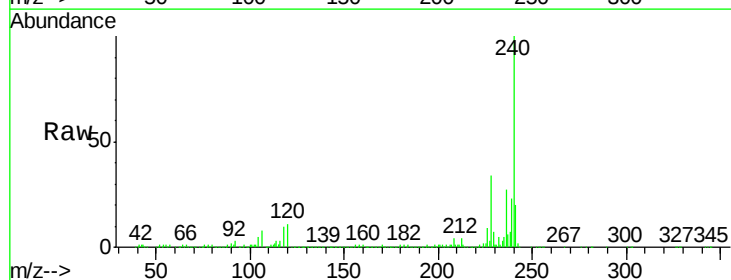
Instrument :
 BNA_F
 ClientSampleId :

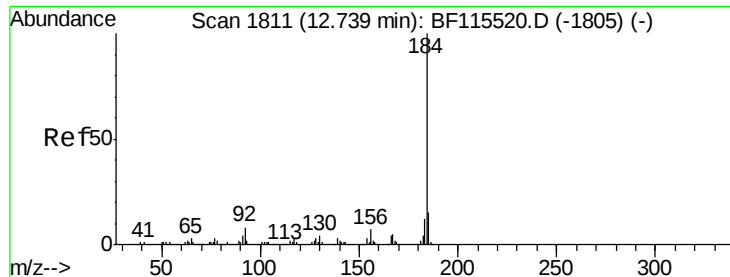
Tot Ion:202 Resp: 1210332
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 31.4
 203 18.2 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115599.D
 Acq: 16 Jul 2019 16:09

Tgt Ion:240 Resp: 327210
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.6 13.0
 236 27.3 21.3 31.9





#77

Benzidine

Concen: 14.592 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

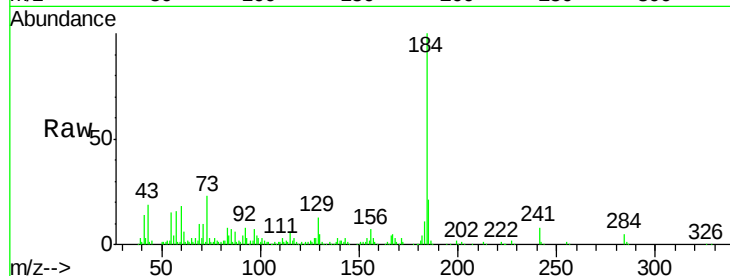
Tot Ion:184 Resp: 169141

Ion Ratio Lower Upper

184 100

185 20.6 12.0 18.0#

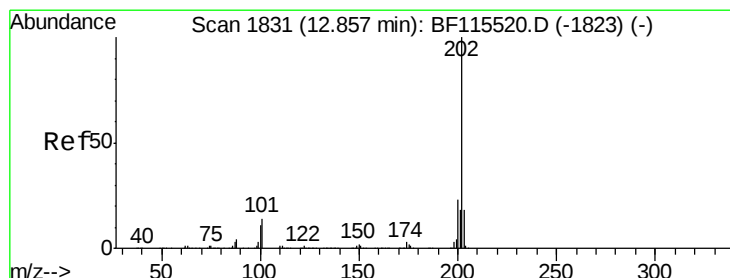
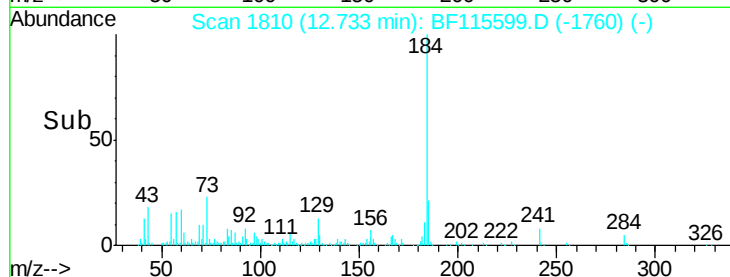
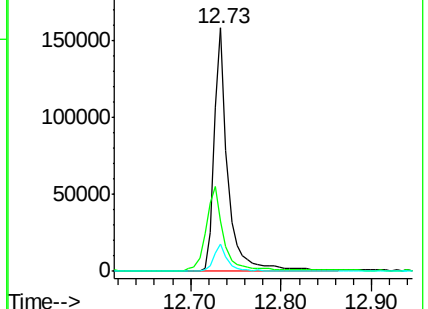
183 11.3 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.045 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

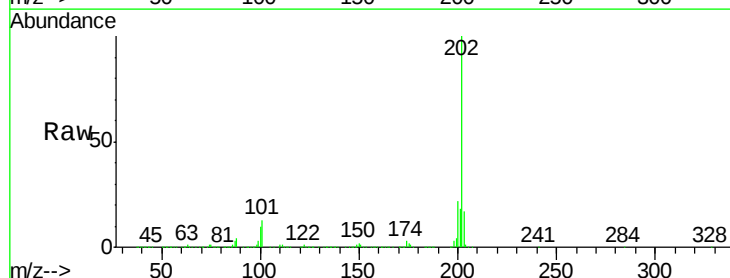
Tgt Ion:202 Resp: 1193312

Ion Ratio Lower Upper

202 100

200 21.9 18.7 28.1

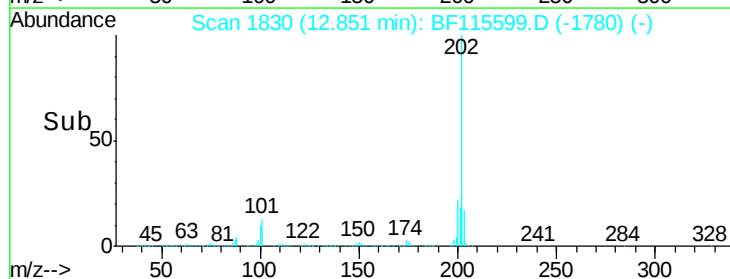
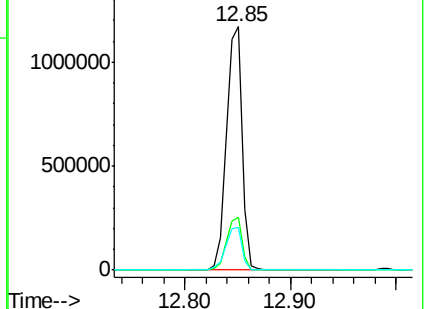
203 17.5 15.2 22.8



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: 94.709 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

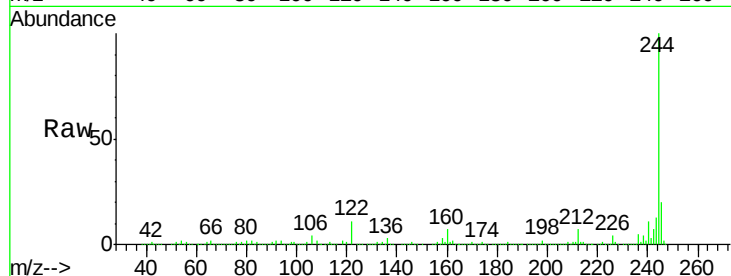
Tot Ion:244 Resp: 1679515

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

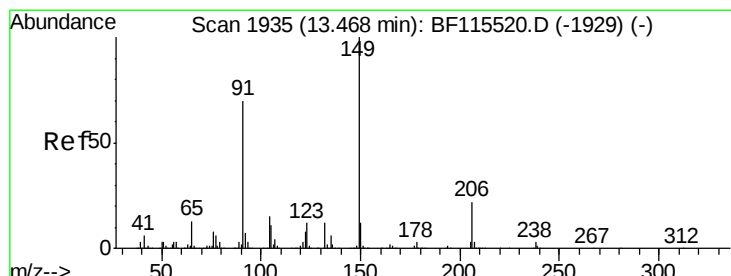
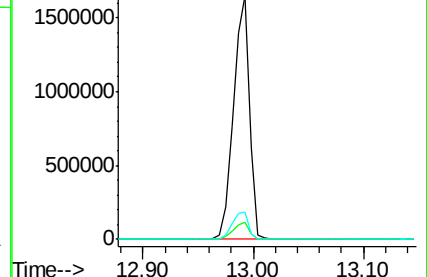
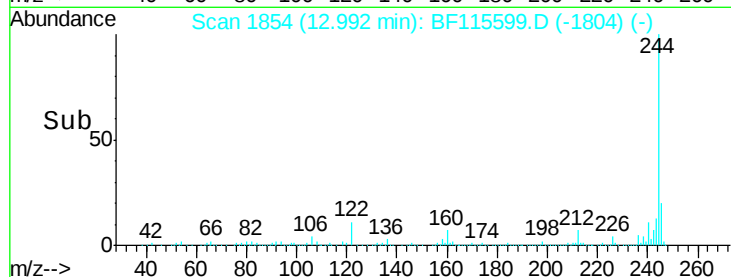
122 11.0 8.6 12.8



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: 44.985 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

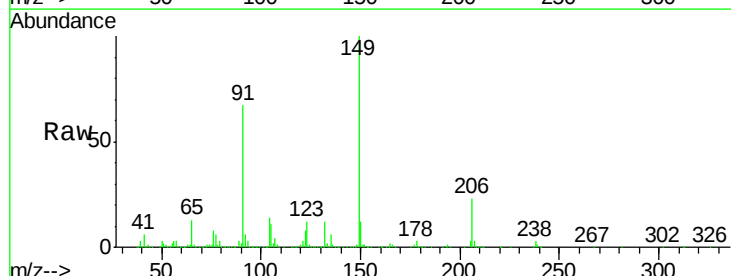
Tgt Ion:149 Resp: 531631

Ion Ratio Lower Upper

149 100

91 67.3 55.8 83.8

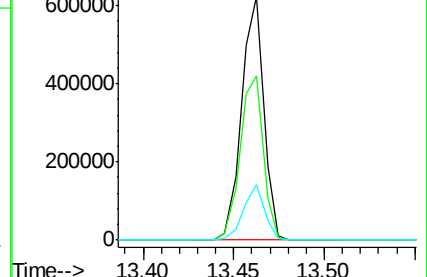
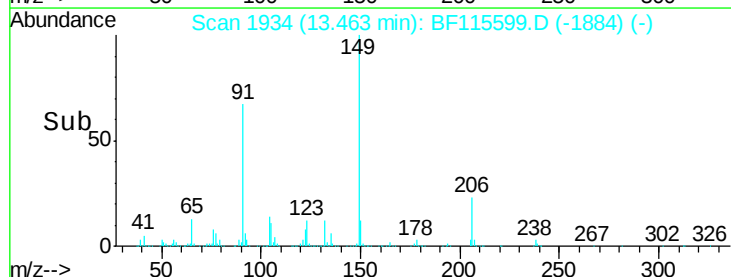
206 22.6 18.2 27.2

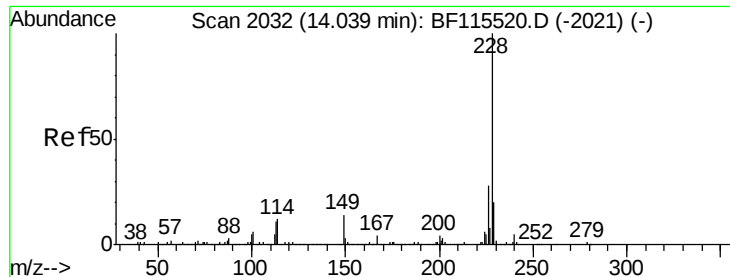


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.032 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampled :

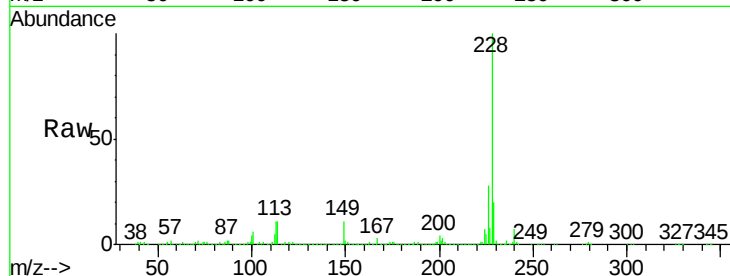
Tot Ion:228 Resp: 927634

Ion Ratio Lower Upper

228 100

226 27.5 23.4 35.0

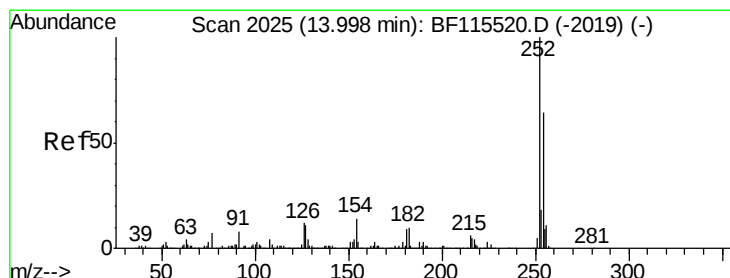
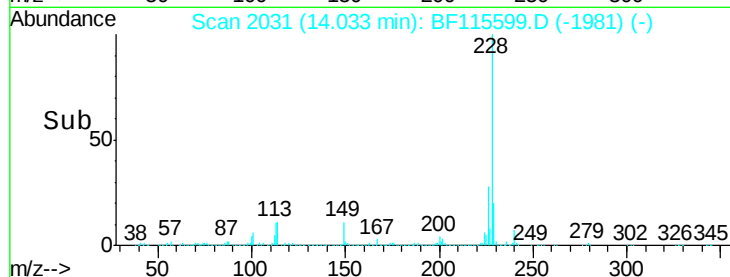
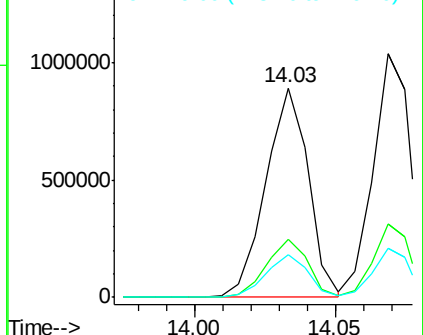
229 20.4 17.2 25.8



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: 26.969 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

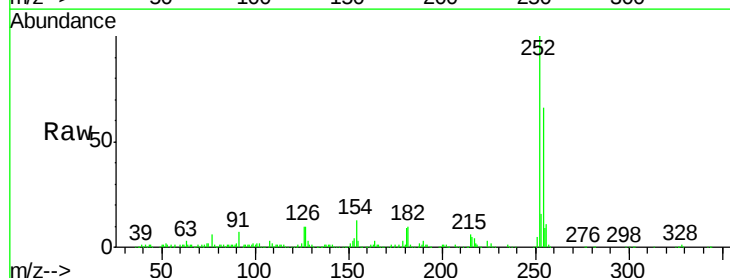
Tgt Ion:252 Resp: 206670

Ion Ratio Lower Upper

252 100

254 66.4 52.9 79.3

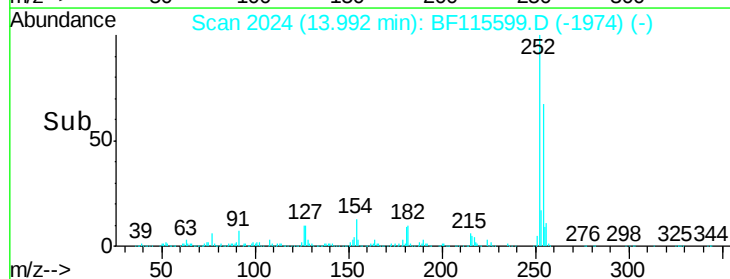
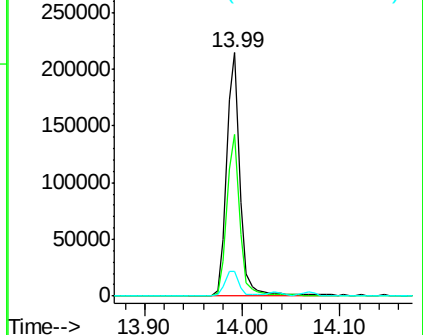
126 10.1 9.9 14.9

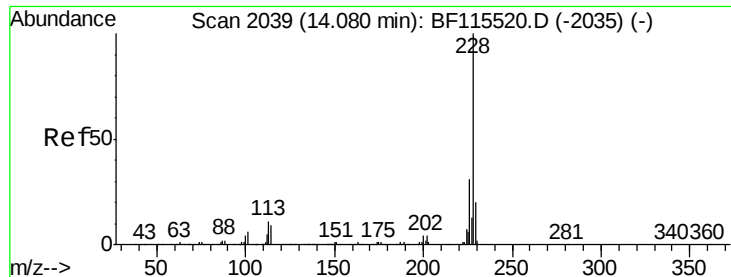


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 44.276 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

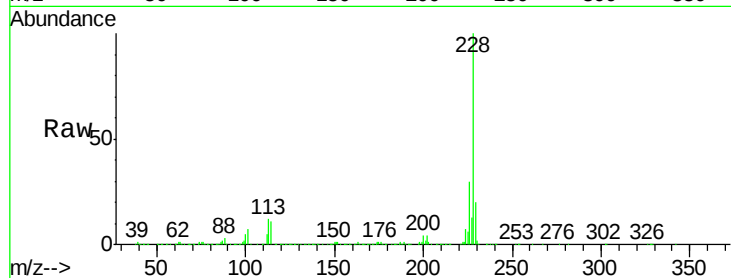
Tot Ion:228 Resp: 958135

Ion Ratio Lower Upper

228 100

226 30.3 25.7 38.5

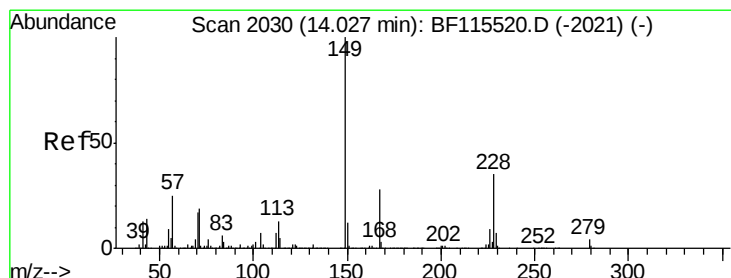
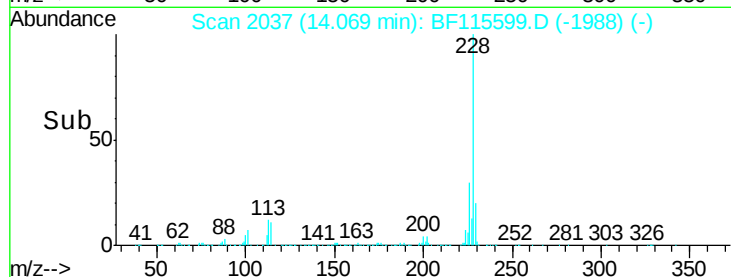
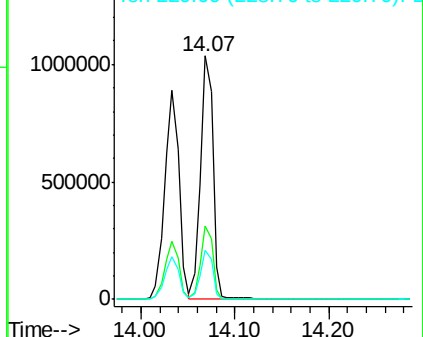
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.451 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

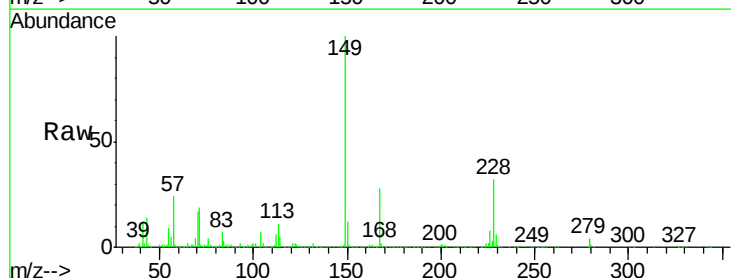
Tgt Ion:149 Resp: 709254

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

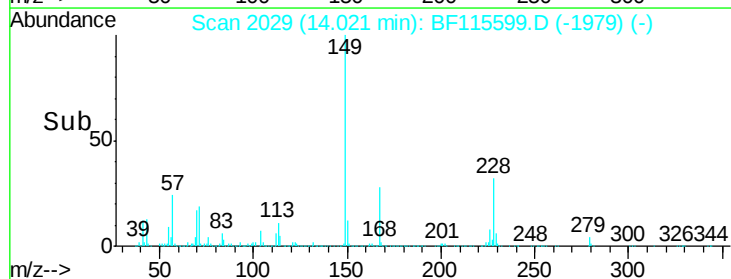
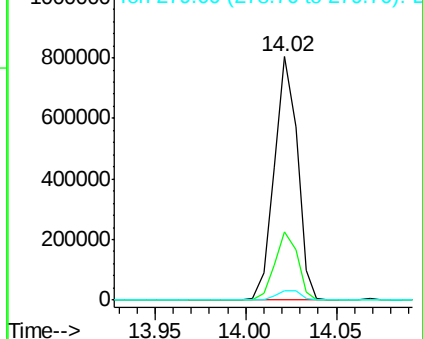
279 4.1 4.2 6.2#

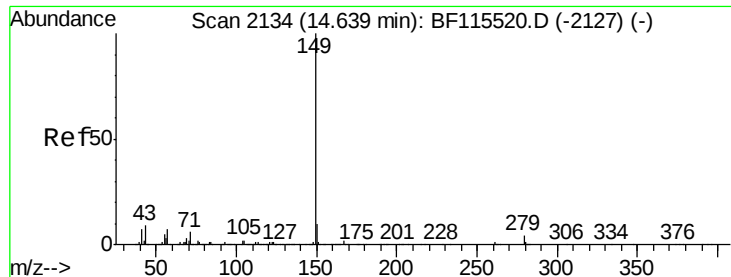


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.046 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

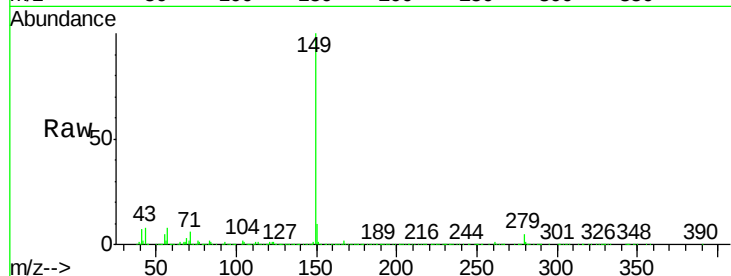
Tot Ion:149 Resp: 1165638

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

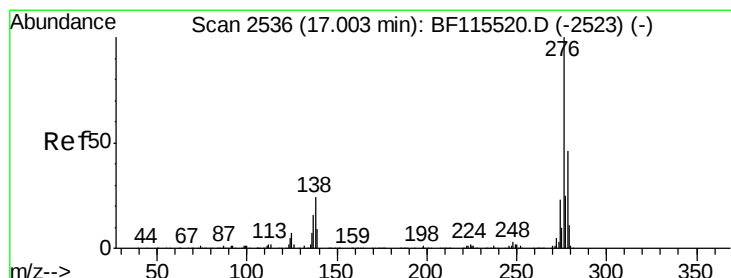
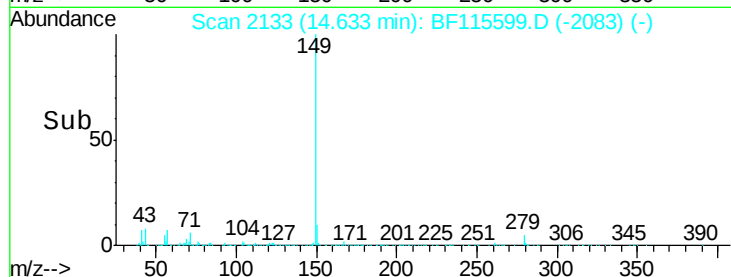
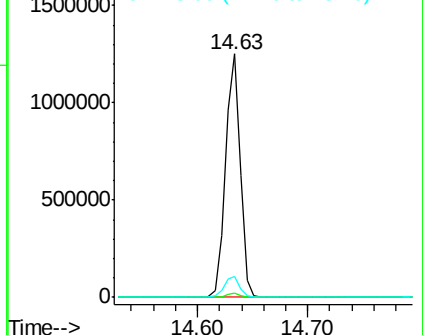
43 8.3 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.798 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

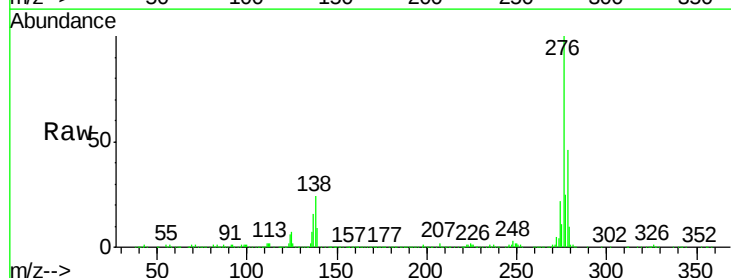
Tgt Ion:276 Resp: 1062616

Ion Ratio Lower Upper

276 100

138 25.7 20.2 30.2

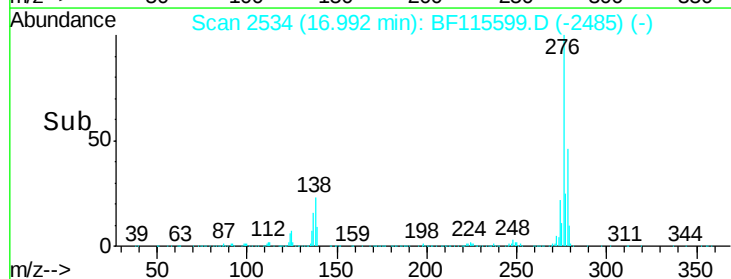
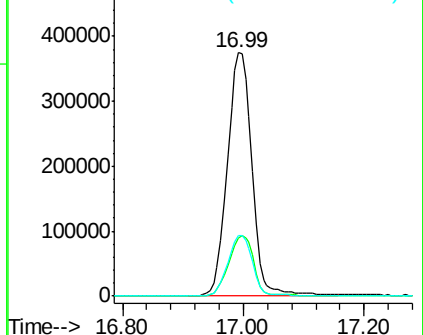
277 25.7 20.4 30.6

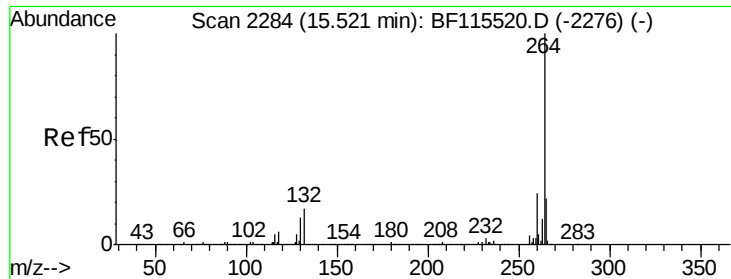


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

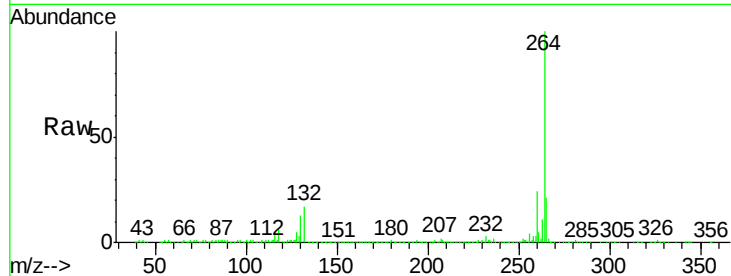
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 397019

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	21.4	17.7	26.5

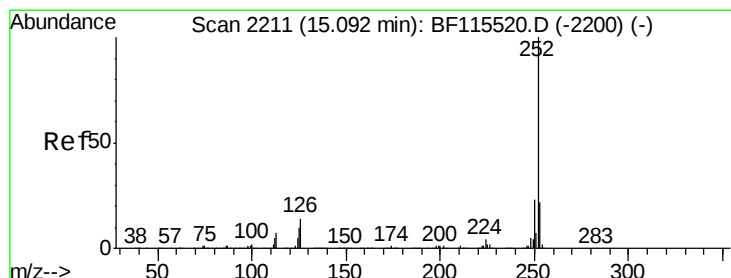
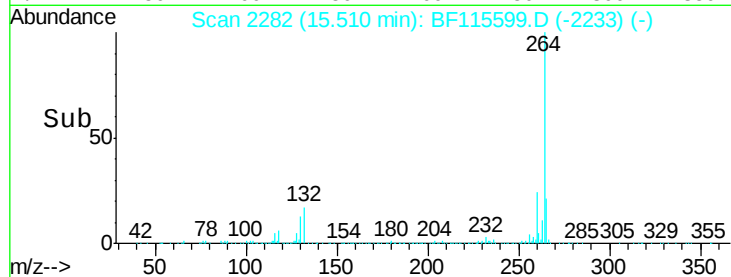
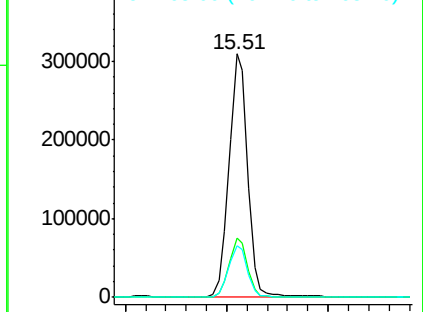


Abundance

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: 40.518 ng

RT: 15.09 min Scan# 2210

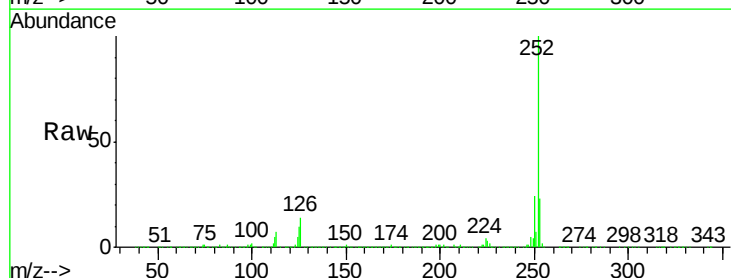
Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Tgt Ion:252 Resp: 1035841

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	10.4	9.0	13.4

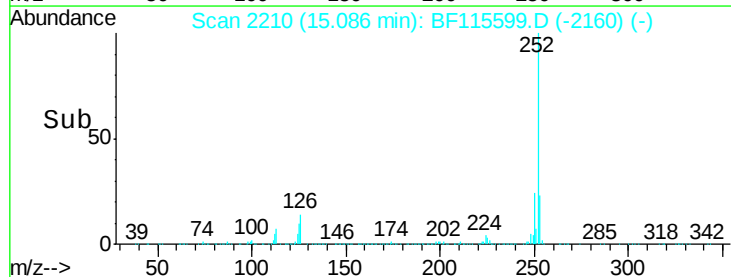
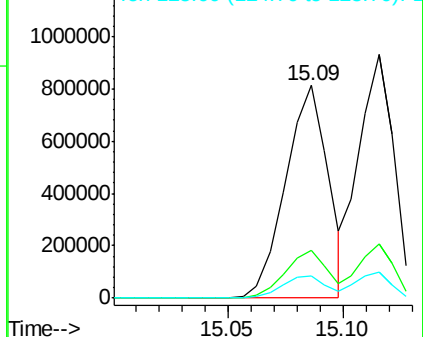


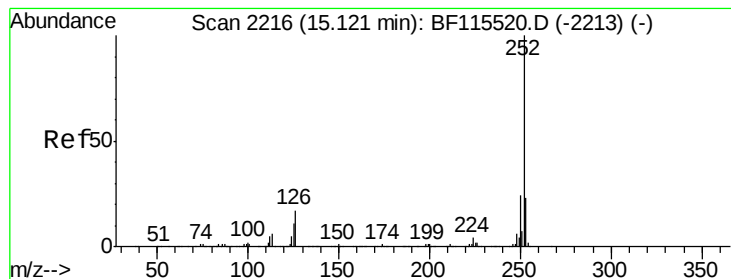
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.967 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

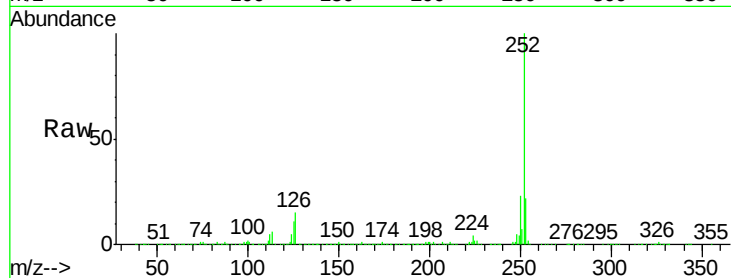
Tot Ion:252 Resp: 1002110

Ion Ratio Lower Upper

252 100

253 22.1 18.6 28.0

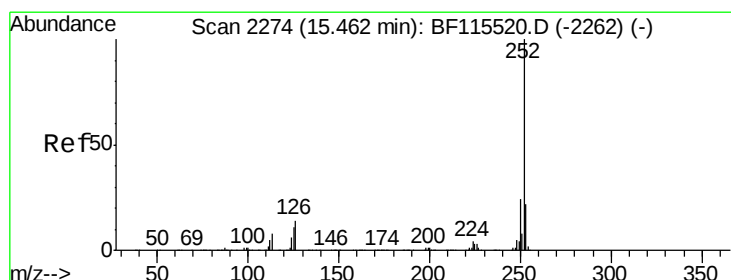
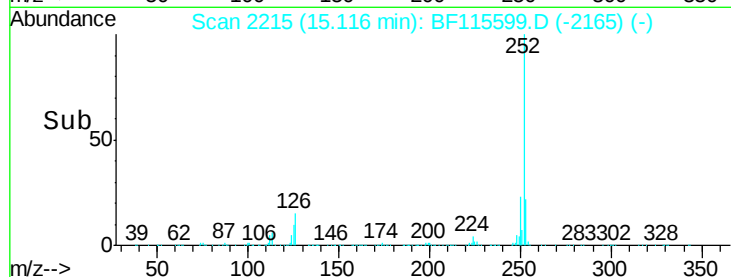
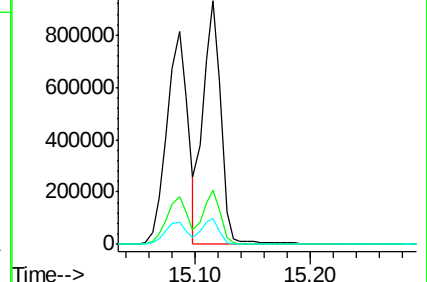
125 10.5 9.0 13.6



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: 45.020 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF115599.D

Acq: 16 Jul 2019 16:09

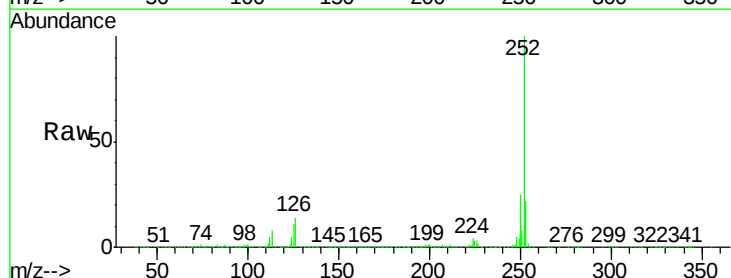
Tgt Ion:252 Resp: 989216

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

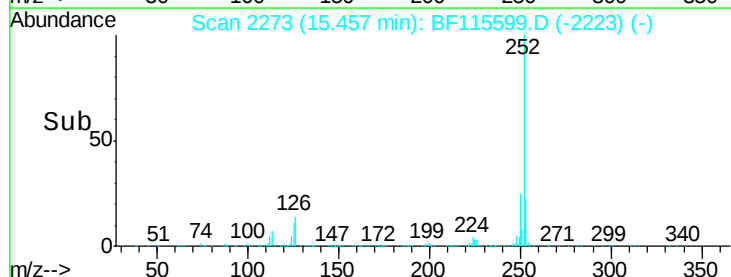
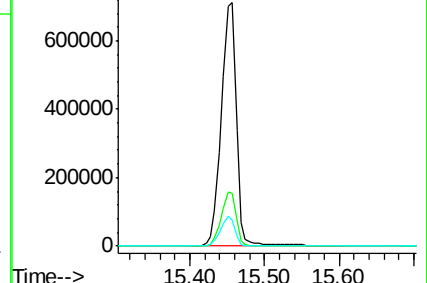
125 10.9 9.1 13.7

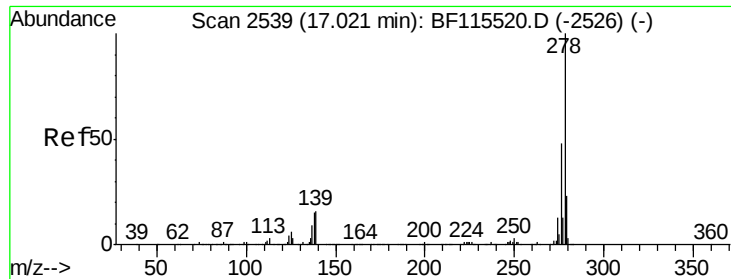


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

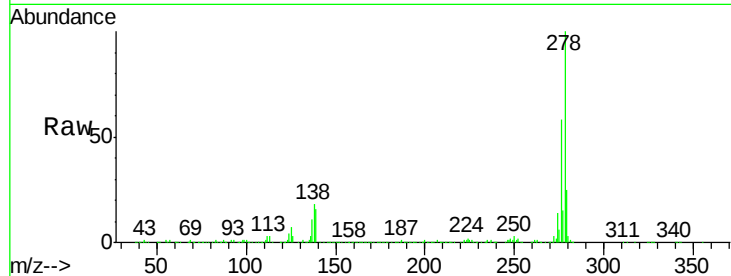




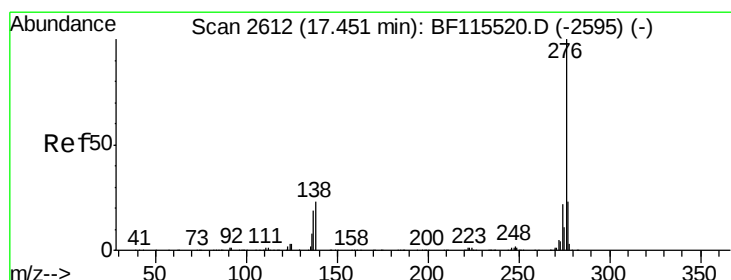
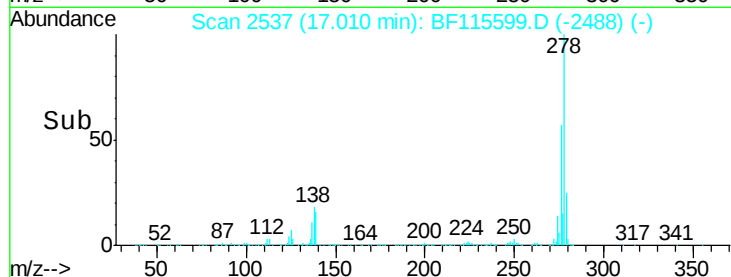
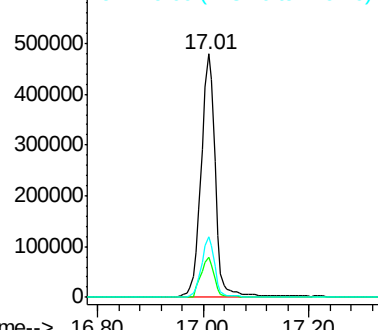
#91
Dibenzo(a,h)anthracene
Concen: 46.490 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	25.1	19.6	29.4

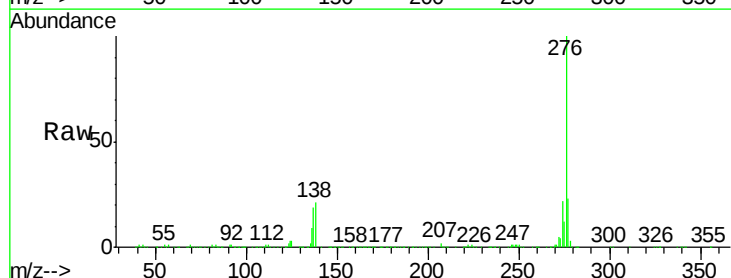


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.050 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115599.D
Acq: 16 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	21.2	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

