

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115561.D
 Acq On : 15 Jul 2019 17:26
 Operator : HP/JU
 Sample : PB121222BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:39:17 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	6.88	152	169675	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	677436	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	338658	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	660715	20.00	ng	0.00
76) Chrysene-d12	14.04	240	440808	20.00	ng	-0.01
87) Perylene-d12	15.50	264	409630	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1281108	123.50	ng	0.01
7) Phenol-d6	6.52	99	1613199	122.56	ng	0.00
23) Nitrobenzene-d5	7.44	82	1037385	89.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	518909	131.27	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1949833	100.77	ng	-0.01
79) Terphenyl-d14	12.99	244	2060946	86.27	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	210584	40.698	ng	99
3) Pyridine	3.53	79	544427	38.781	ng	99
4) n-Nitrosodimethylamine	3.48	42	209344	41.105	ng	97
6) Aniline	6.55	93	596776	32.580	ng	98
8) 2-Chlorophenol	6.67	128	516943	43.345	ng	99
9) Benzaldehyde	6.43	77	378861	46.061	ng	98
10) Phenol	6.53	94	644995	42.213	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	487195	41.880	ng	99
12) 1,3-Dichlorobenzene	6.82	146	561944	41.908	ng	98
13) 1,4-Dichlorobenzene	6.90	146	572211	42.770	ng	98
14) 1,2-Dichlorobenzene	7.05	146	529826	43.322	ng	98
15) Benzyl Alcohol	7.02	79	467472	44.771	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	649318	42.396	ng	97
17) 2-Methylphenol	7.13	107	450862	43.867	ng	98
18) Hexachloroethane	7.40	117	209430	42.175	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	356073	41.479	ng	97
20) 3+4-Methylphenols	7.28	107	528664	43.304	ng	96
22) Acetophenone	7.29	105	707066	46.201	ng	98
24) Nitrobenzene	7.46	77	566825	45.108	ng	98
25) Isophorone	7.70	82	1040314	44.624	ng	99
26) 2-Nitrophenol	7.77	139	297990	46.072	ng	98
27) 2,4-Dimethylphenol	7.81	122	503698	52.048	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	642620	44.933	ng	99
29) 2,4-Dichlorophenol	8.02	162	471276	46.825	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	514104	45.189	ng	99
31) Naphthalene	8.19	128	1529293	46.613	ng	98
32) Benzoic acid	7.94	122	342036	43.066	ng	99
33) 4-Chloroaniline	8.23	127	386408	26.589	ng	98
34) Hexachlorobutadiene	8.31	225	286730	43.949	ng	98
35) Caprolactam	8.60	113	82777	26.615	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	487822	46.726	ng	98
37) 2-Methylnaphthalene	8.87	142	1033591	47.527	ng	98
38) 1-Methylnaphthalene	8.97	142	970684	46.991	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	459815	45.088	ng	98

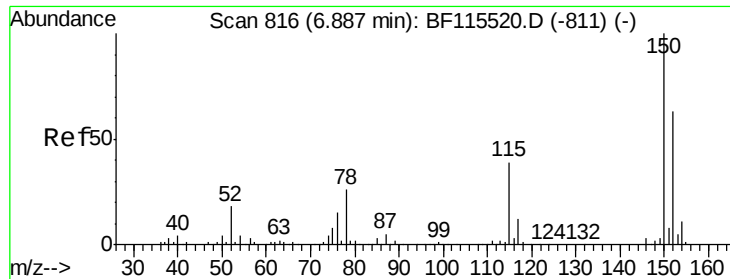
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	475361	81.713	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	343237	46.024	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	347486	45.497	ng	99
46) 1,1'-Biphenyl	9.34	154	1243671	46.974	ng	98
47) 2-Chloronaphthalene	9.37	162	998365	45.287	ng	96
48) 2-Nitroaniline	9.46	65	296422	43.442	ng	98
49) Acenaphthylene	9.78	152	1514036	46.349	ng	98
50) Dimethylphthalate	9.64	163	1156849	45.403	ng	99
51) 2,6-Dinitrotoluene	9.70	165	269126	46.478	ng	99
52) Acenaphthene	9.96	154	1059251	50.226	ng	99
53) 3-Nitroaniline	9.86	138	188521	28.490	ng	98
54) 2,4-Dinitrophenol	9.97	184	283056	95.212	ng	96
55) Dibenzofuran	10.13	168	1340738	44.766	ng	100
56) 4-Nitrophenol	10.03	139	488990	96.910	ng	92
57) 2,4-Dinitrotoluene	10.10	165	356649	47.542	ng	93
58) Fluorene	10.47	166	994858	46.466	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	305783	47.893	ng	99
60) Diethylphthalate	10.35	149	1099002	46.035	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	512335	43.150	ng	95
62) 4-Nitroaniline	10.49	138	283389	44.648	ng	96
63) Azobenzene	10.62	77	1063462	45.926	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	190782	47.261	ng	96
66) n-Nitrosodiphenylamine	10.58	169	934276	45.458	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	332232	44.002	ng	95
68) Hexachlorobenzene	11.02	284	374030	43.378	ng	99
69) Atrazine	11.10	200	302351	44.844	ng	100
70) Pentachlorophenol	11.21	266	453120	85.920	ng	99
71) Phenanthrene	11.43	178	1513951	44.702	ng	98
72) Anthracene	11.48	178	1564441	44.697	ng	99
73) Carbazole	11.63	167	1377213	44.870	ng	99
74) Di-n-butylphthalate	11.96	149	1625369	42.991	ng	99
75) Fluoranthene	12.62	202	1587502	44.357	ng	98
77) Benzidine	12.73	184	832767	53.329	ng	100
78) Pyrene	12.85	202	1600938	42.867	ng	98
80) Butylbenzylphthalate	13.46	149	684253	42.979	ng	96
81) Benzo(a)anthracene	14.03	228	1257288	43.294	ng	96
82) 3,3'-Dichlorobenzidine	13.99	252	366532	35.504	ng	97
83) Chrysene	14.07	228	1299627	44.580	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	849861	43.095	ng	100
85) Di-n-octyl phthalate	14.63	149	1462168	46.599	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1108348	44.750	ng	99
88) Benzo(b)fluoranthene	15.08	252	1184994	44.926	ng	99
89) Benzo(k)fluoranthene	15.11	252	1147644	48.802	ng	99
90) Benzo(a)pyrene	15.44	252	1093685	48.242	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	917715	46.110	ng	99
92) Benzo(g,h,i)perylene	17.43	276	872818	43.972	ng	99

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

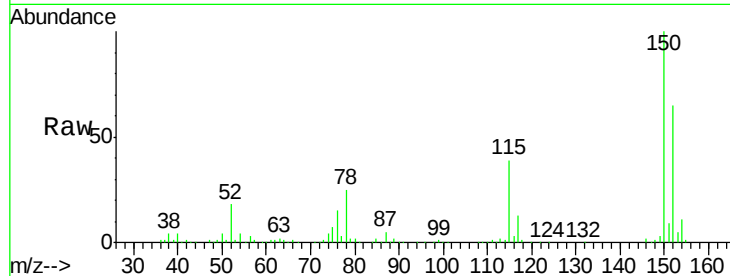


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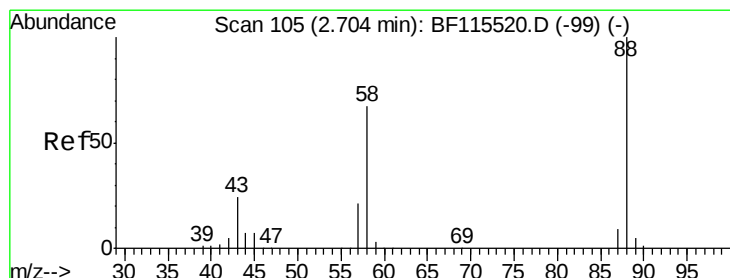
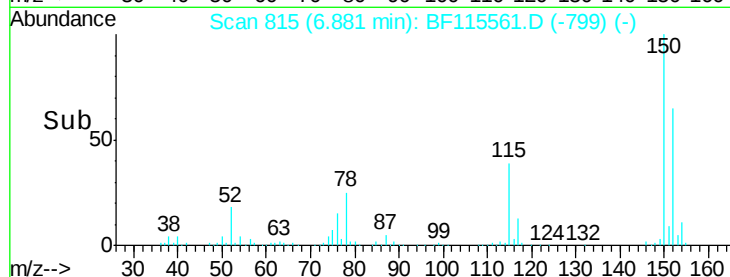
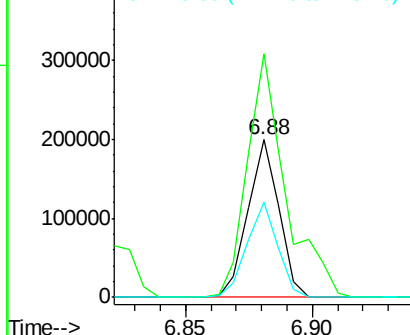
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169675
Ion Ratio Lower Upper
152 100
150 154.4 129.7 194.5
115 60.3 48.2 72.4



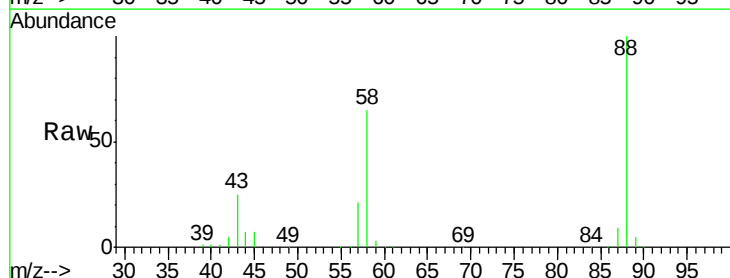
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



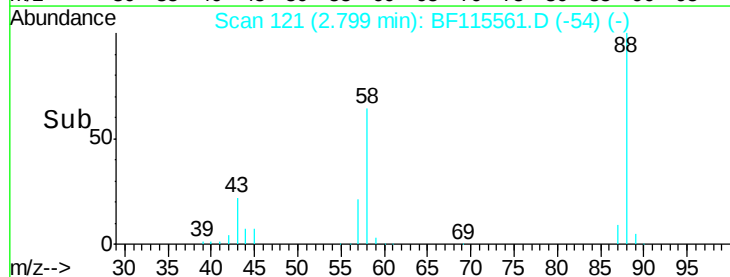
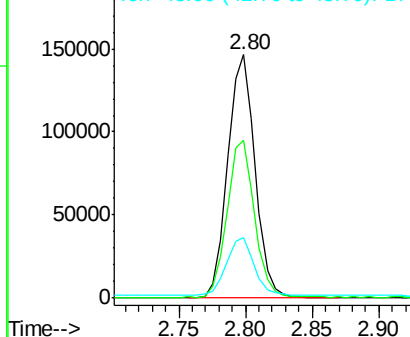
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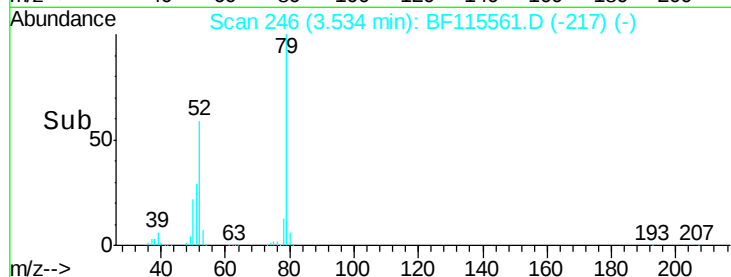
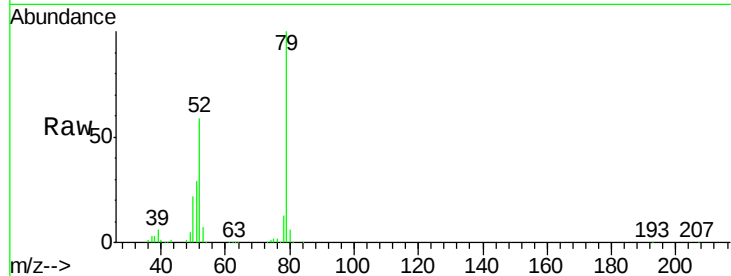
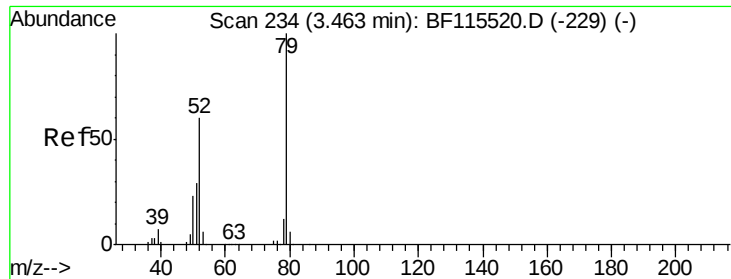
1,4-Dioxane
Concen: 40.698 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.09 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion: 88 Resp: 210584
Ion Ratio Lower Upper
88 100
58 64.7 52.6 79.0
43 24.2 19.1 28.7



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

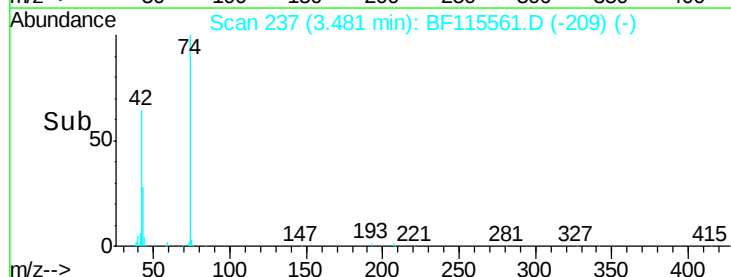
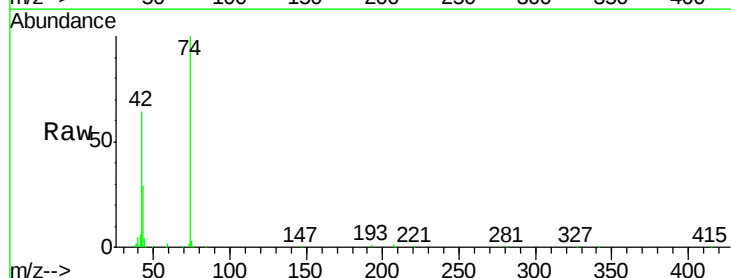
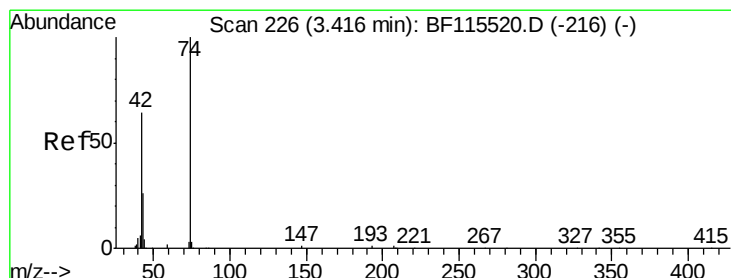
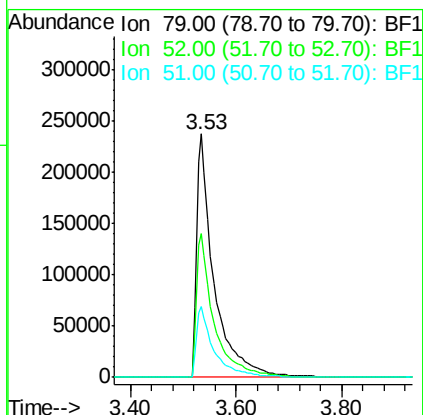




#3
 Pvridine
 Concen: 38.781 ng
 RT: 3.53 min Scan# 246
 Delta R.T. 0.07 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

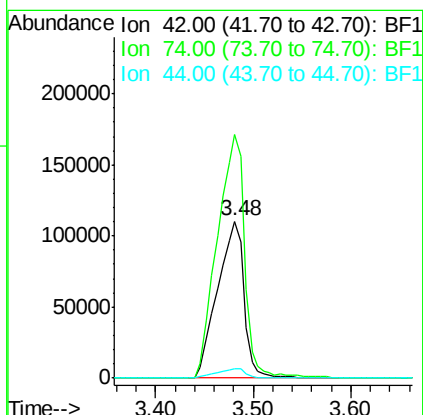
Instrument :
 BNA_F
 ClientSampleId :

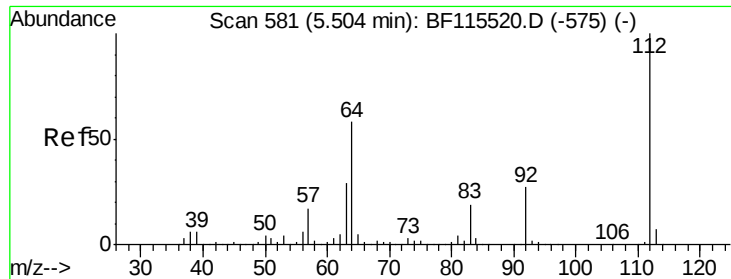
Tot Ion: 79 Resp: 544427
 Ion Ratio Lower Upper
 79 100
 52 59.3 47.8 71.6
 51 29.1 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 41.105 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.06 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

Tgt Ion: 42 Resp: 209344
 Ion Ratio Lower Upper
 42 100
 74 155.4 127.5 191.3
 44 6.2 5.0 7.6





#5

2-Fluorophenol

Concen: 123.502 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :
BNA_F
ClientSampled :

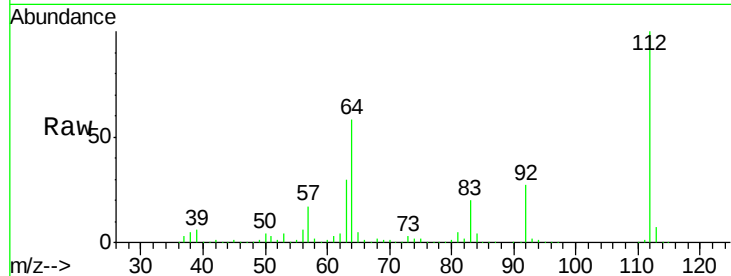
Tot Ion:112 Resp: 1281108

Ion Ratio Lower Upper

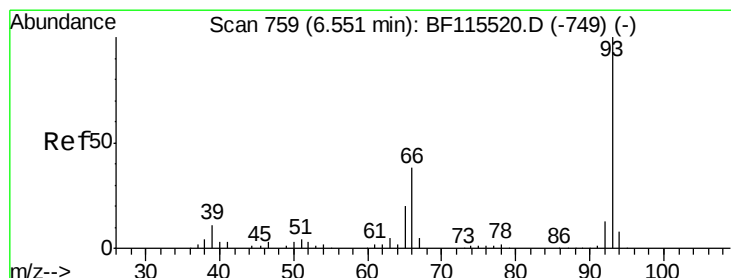
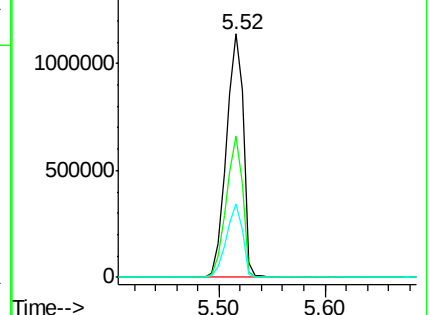
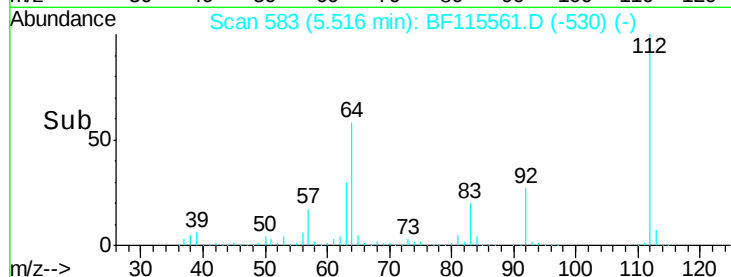
112 100

64 58.2 46.8 70.2

63 29.9 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: 32.580 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

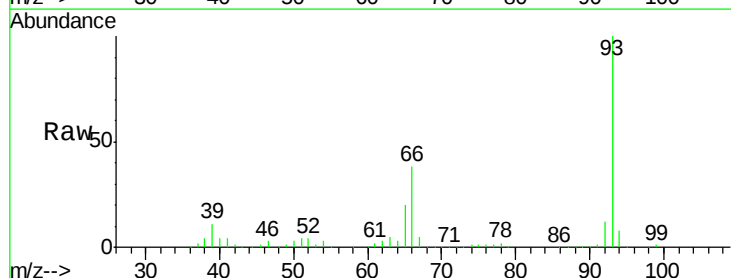
Tgt Ion: 93 Resp: 596776

Ion Ratio Lower Upper

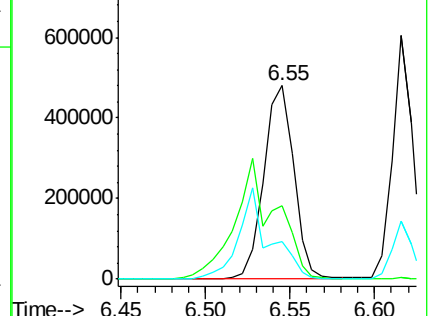
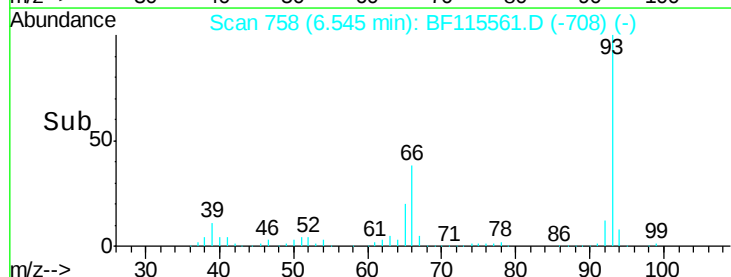
93 100

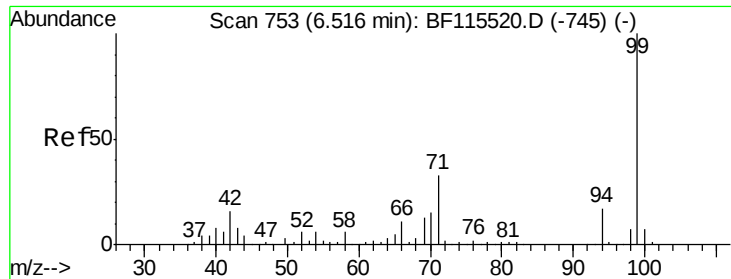
66 38.0 31.7 47.5

65 19.5 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: 122.562 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

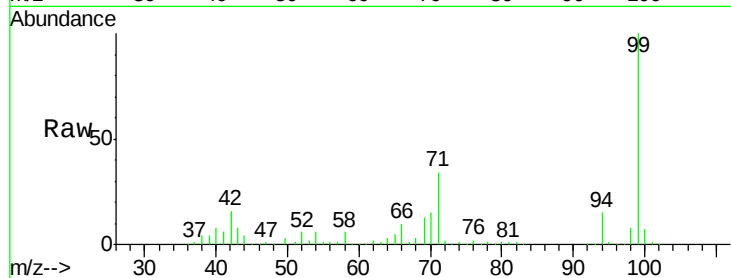
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1613199

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.6	20.4
71	34.0	28.5	42.7

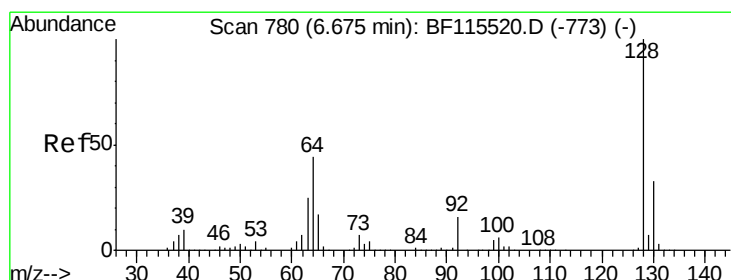
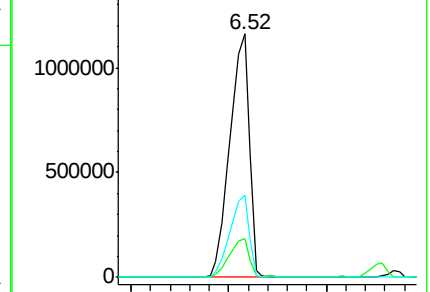
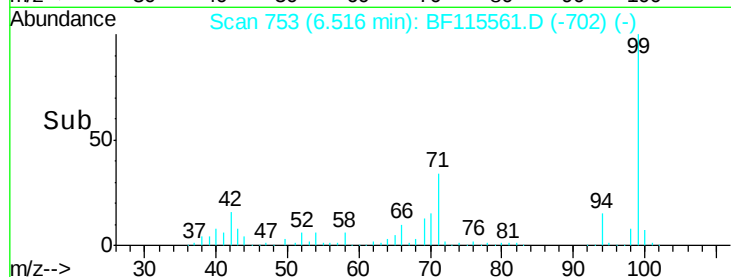


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.345 ng

RT: 6.67 min Scan# 779

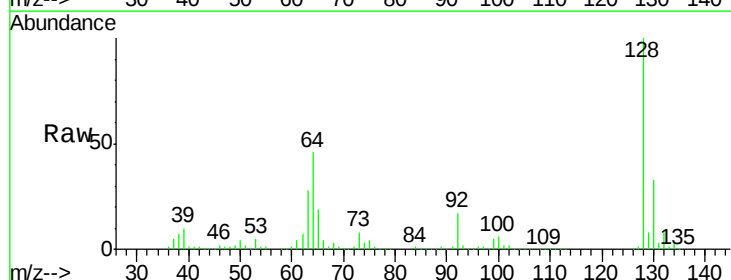
Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Tgt Ion:128 Resp: 516943

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	45.8	26.8	66.8

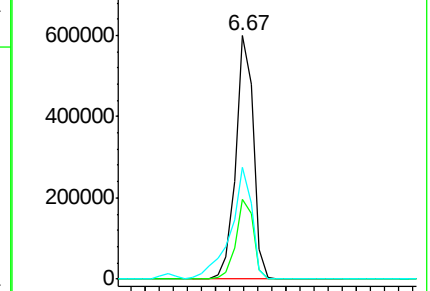
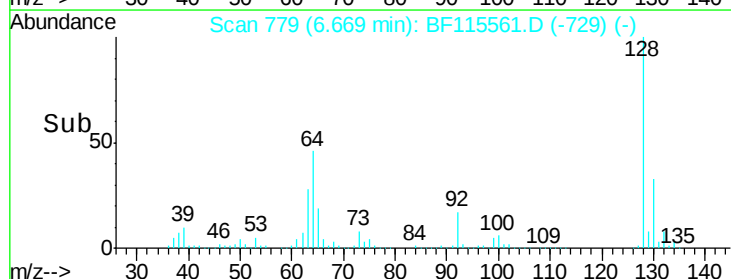


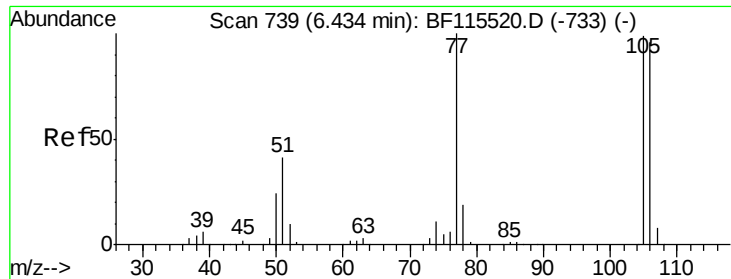
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

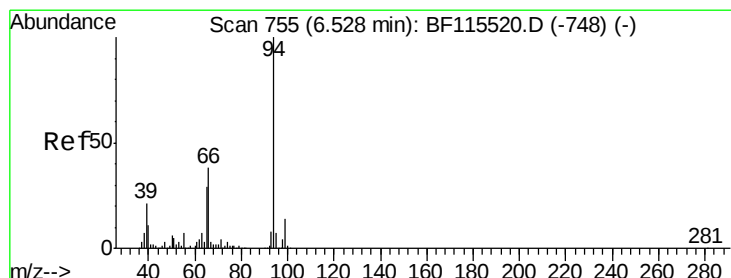
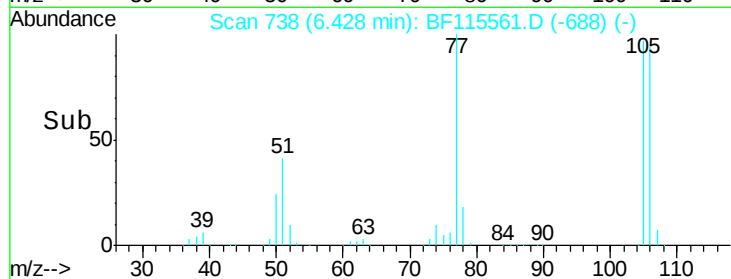
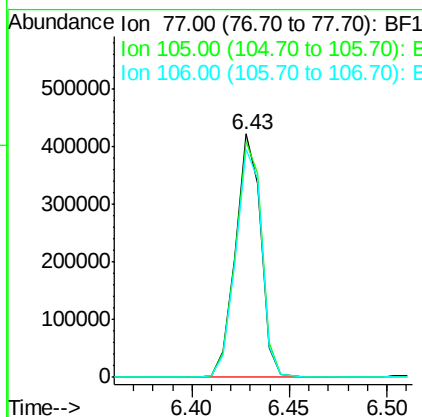
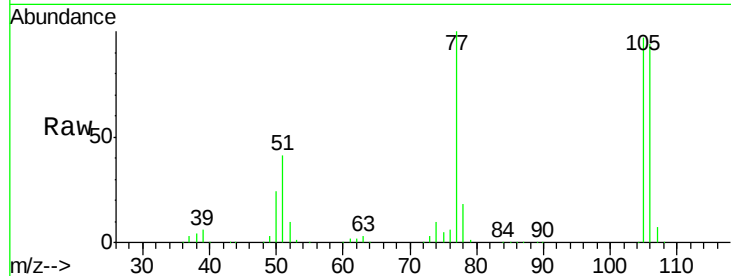




#9
Benzaldehyde
Concen: 46.061 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

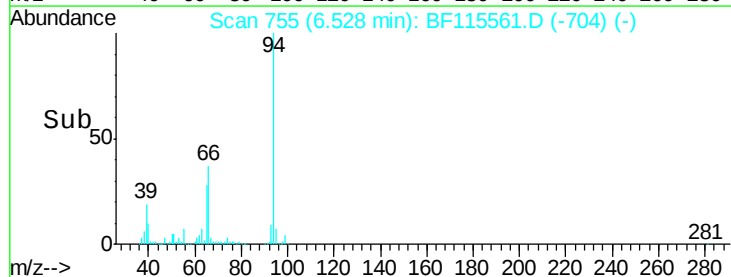
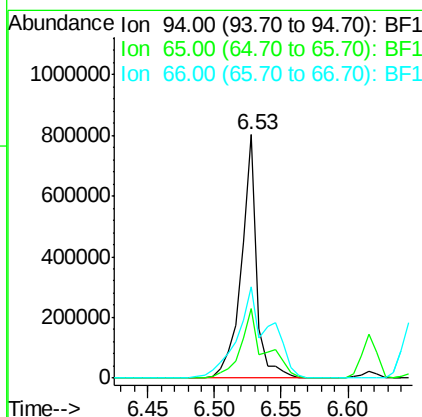
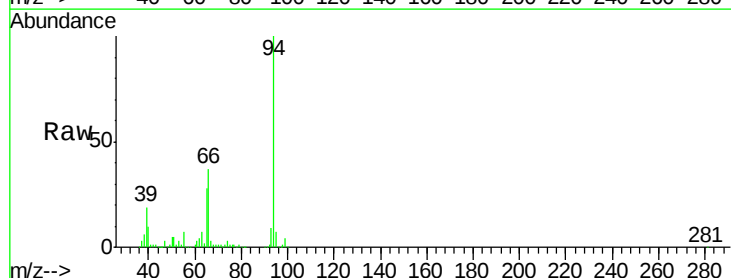
Instrument :
BNA_F
ClientSampled :

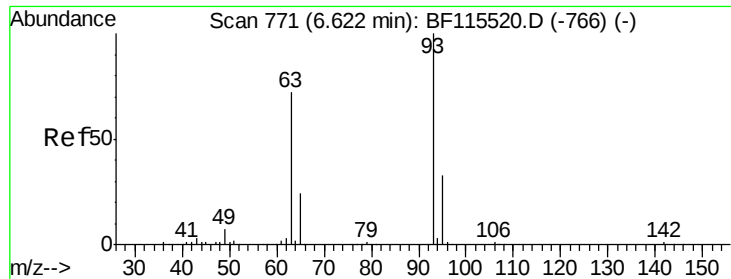
Tot Ion: 77 Resp: 378861
Ion Ratio Lower Upper
77 100
105 96.8 78.8 118.8
106 93.8 75.6 115.6



#10
Phenol
Concen: 42.213 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion: 94 Resp: 644995
Ion Ratio Lower Upper
94 100
65 28.4 14.5 54.5
66 37.4 31.3 71.3



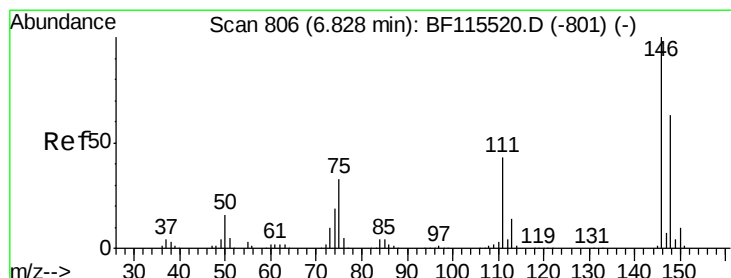
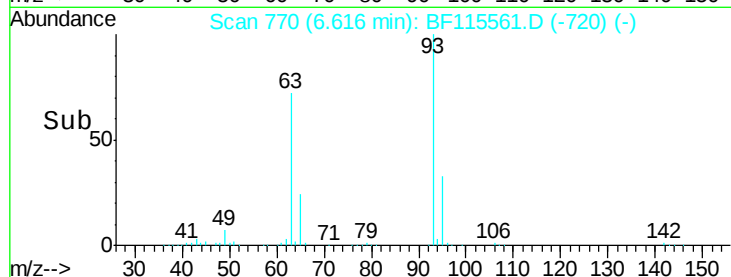
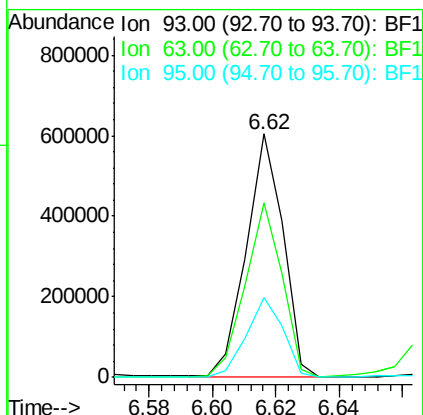
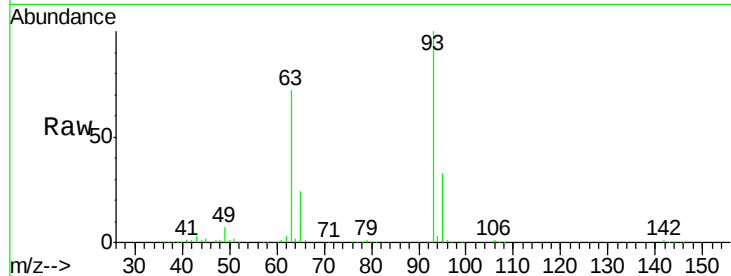


#11

bis(2-Chloroethyl)ether
Concen: 41.880 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Instrument :
BNA_F
ClientSampleId :

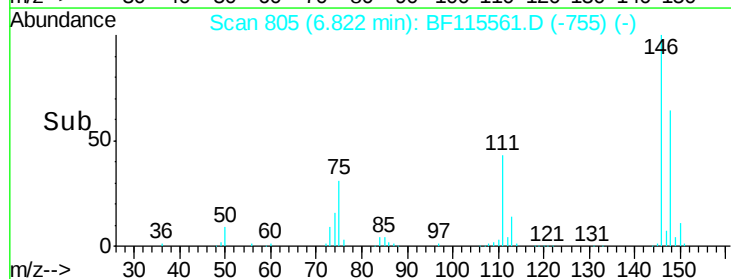
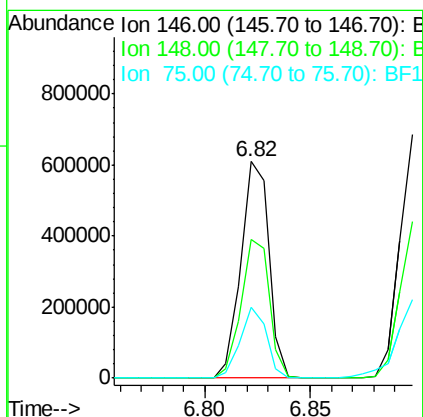
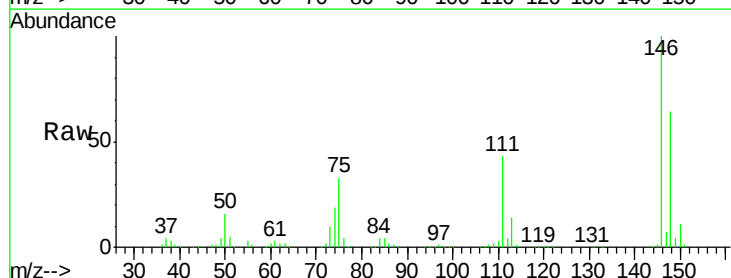
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	52.2	92.2
95	32.8	12.9	52.9

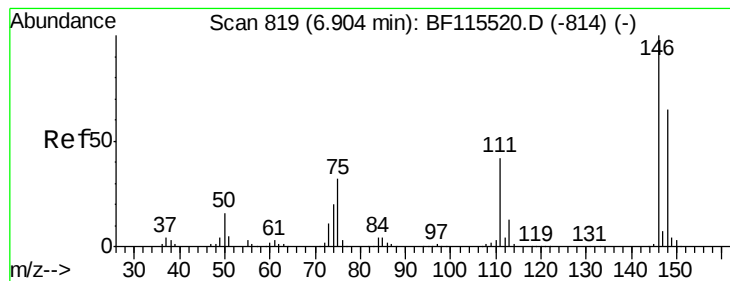


#12

1,3-Dichlorobenzene
Concen: 41.908 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
75	32.8	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 42.770 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampled :

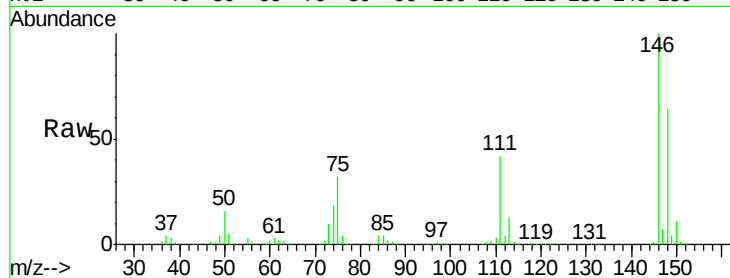
Tot Ion:146 Resp: 572211

Ion Ratio Lower Upper

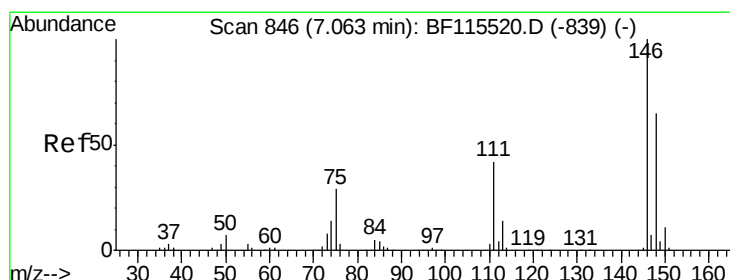
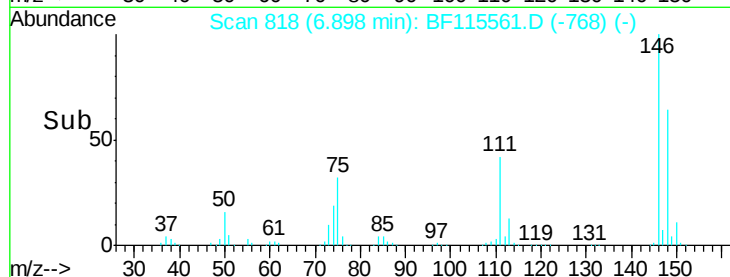
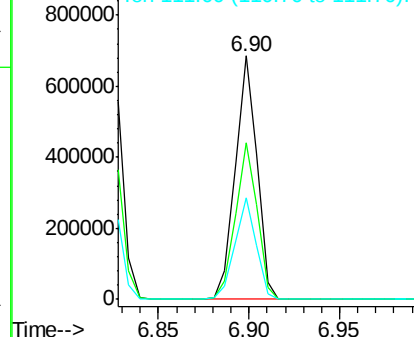
146 100

148 64.3 51.8 77.6

111 41.9 35.5 53.3



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



#14

1,2-Dichlorobenzene

Concen: 43.322 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

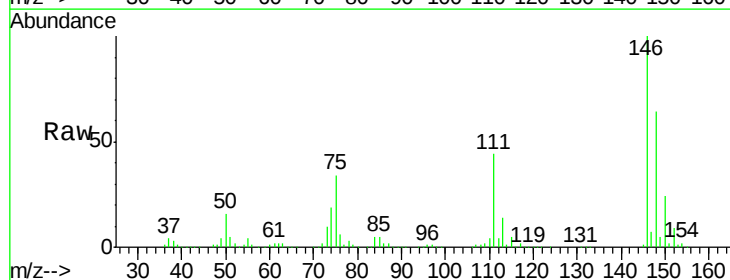
Tgt Ion:146 Resp: 529826

Ion Ratio Lower Upper

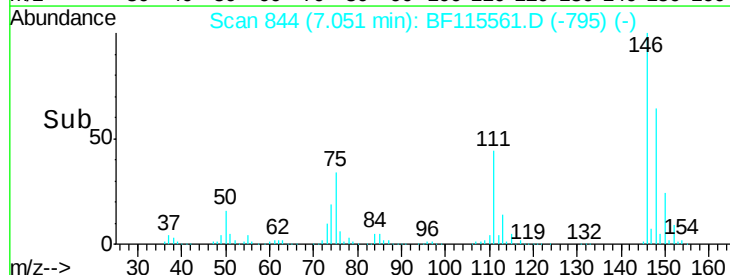
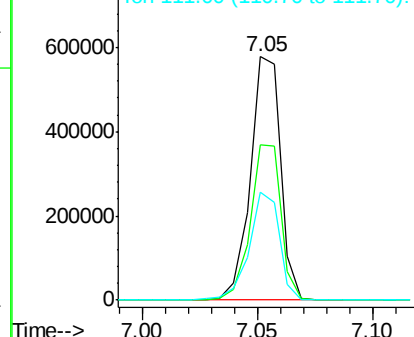
146 100

148 64.0 51.1 76.7

111 44.2 37.6 56.4



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





#15

Benzyl Alcohol

Concen: 44.771 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

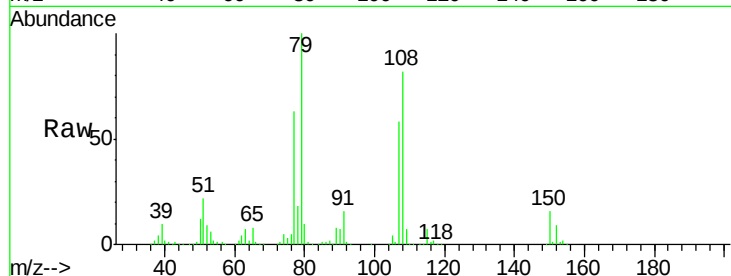
Tot Ion: 79 Resp: 467472

Ion Ratio Lower Upper

79 100

108 81.9 64.2 96.4

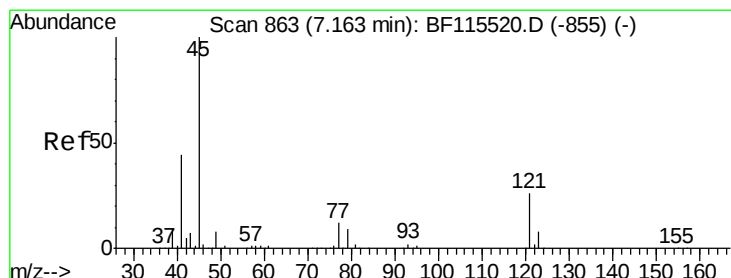
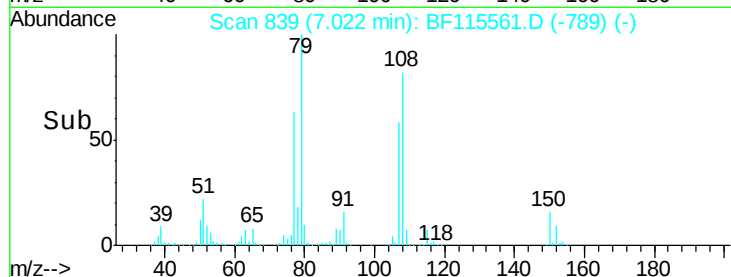
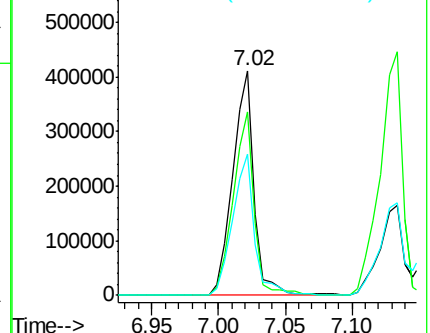
77 63.1 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.396 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

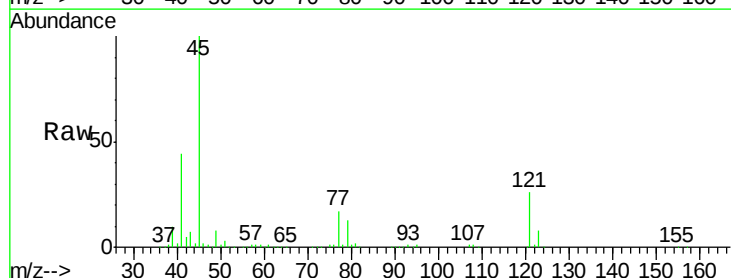
Tgt Ion: 45 Resp: 649318

Ion Ratio Lower Upper

45 100

77 16.6 0.0 38.1

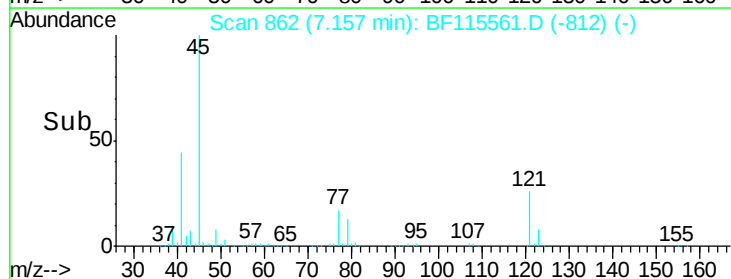
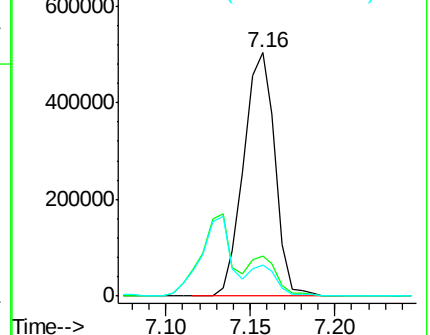
79 12.7 0.0 34.1

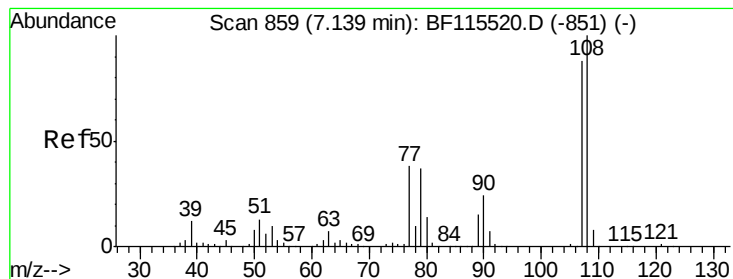


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

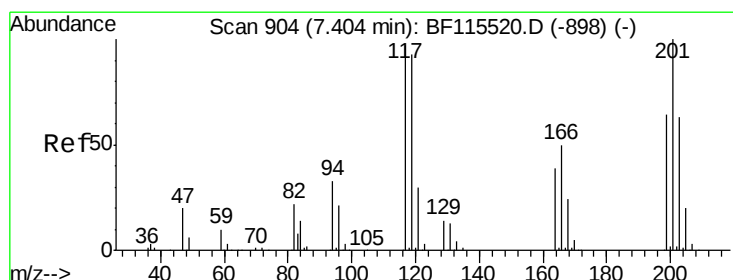
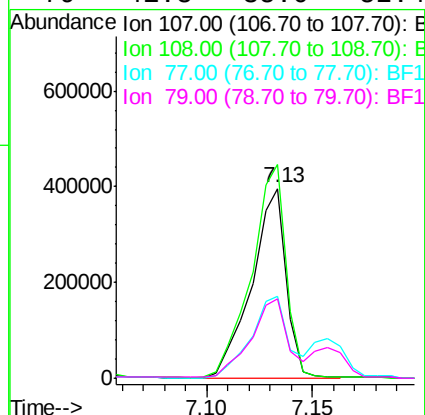
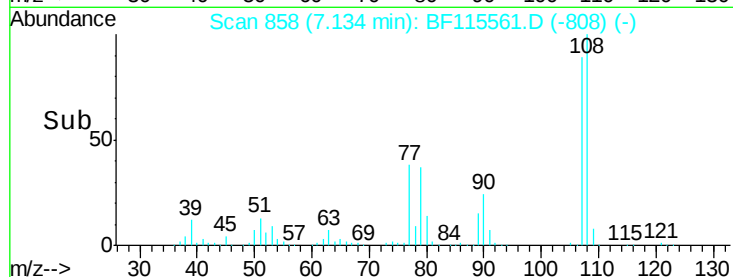
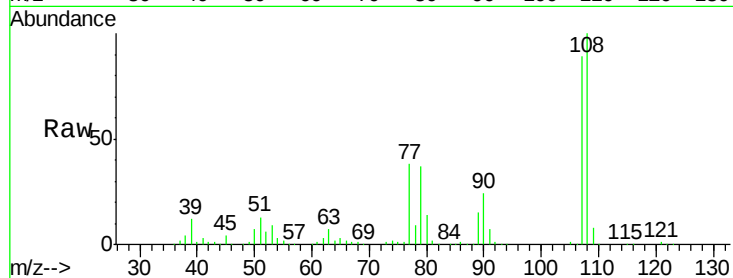




#17
2-Methylphenol
Concen: 43.867 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

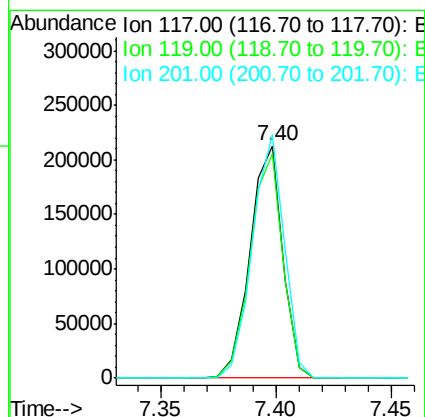
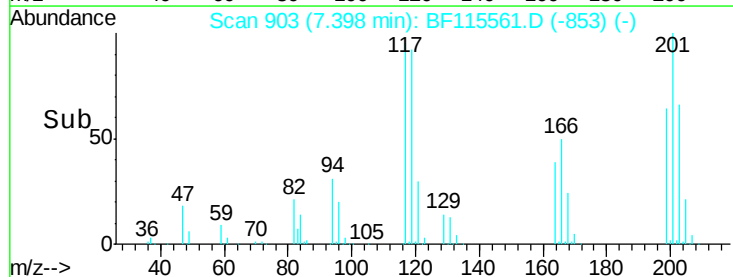
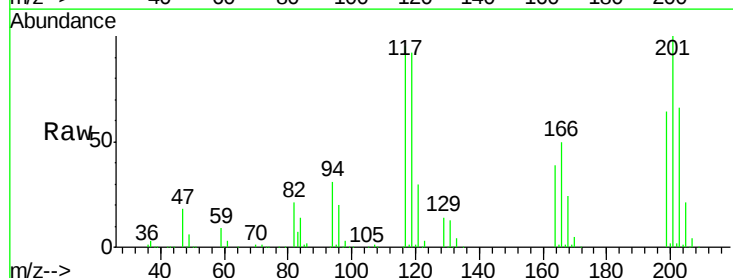
Instrument :
BNA_F
ClientSampleId :

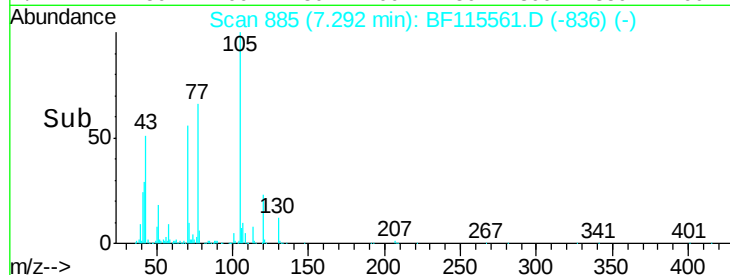
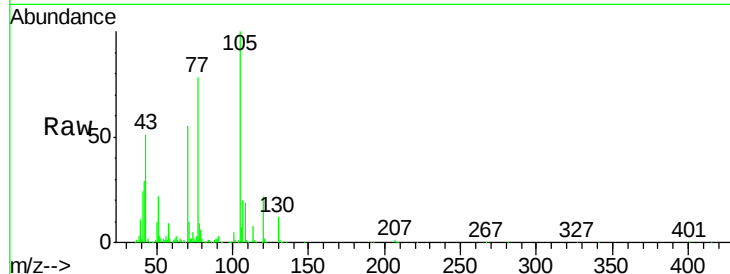
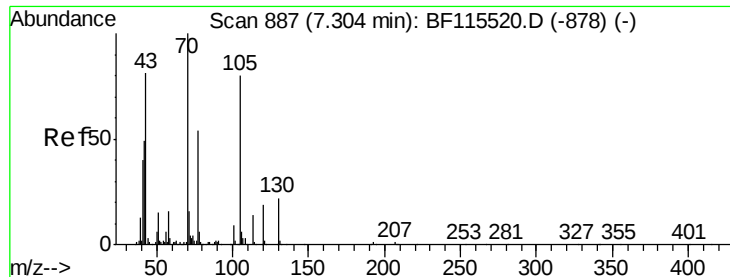
Tot Ion:107 Resp: 450862
Ion Ratio Lower Upper
107 100
108 112.4 89.4 134.2
77 42.9 35.7 53.5
79 41.8 35.0 52.4



#18
Hexachloroethane
Concen: 42.175 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:117 Resp: 209430
Ion Ratio Lower Upper
117 100
119 96.5 77.7 116.5
201 104.7 86.0 129.0

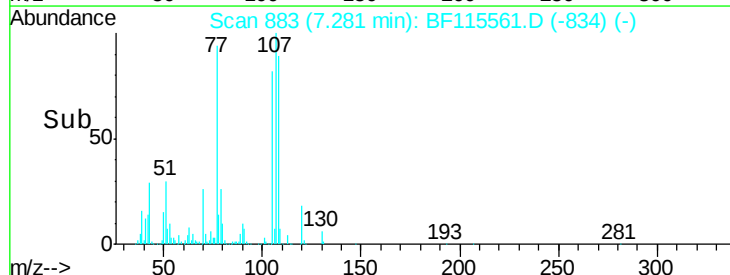
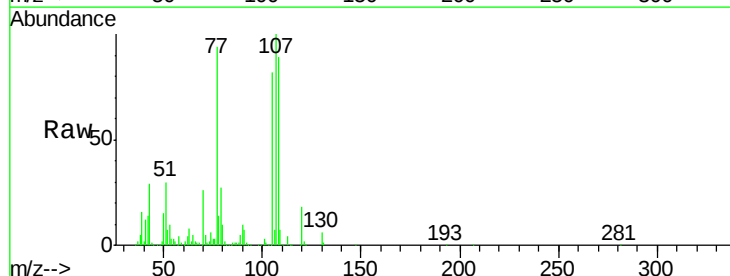
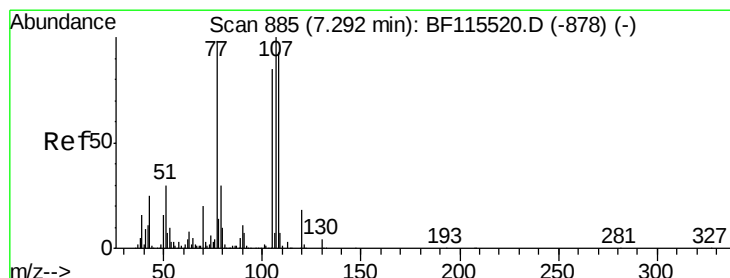
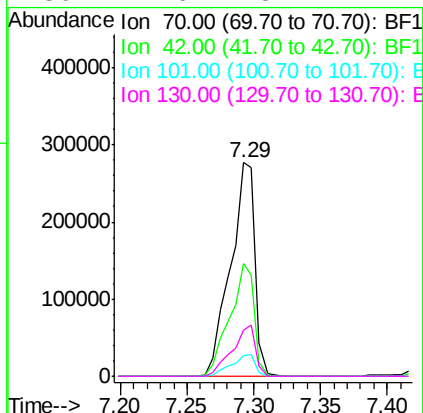




#19
n-Nitroso-di-n-propylamine
Concen: 41.479 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

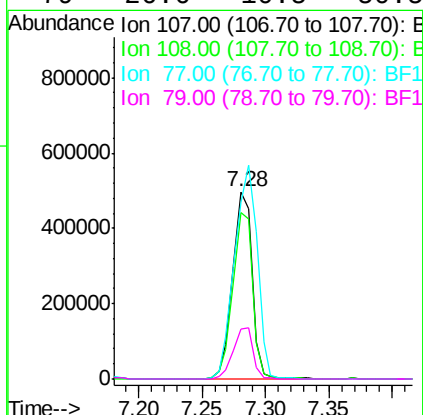
Instrument :
BNA_F
ClientSampleId :

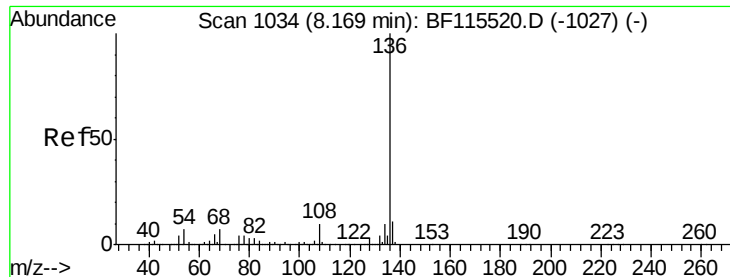
Tot Ion:	70	Resp:	356073
Ion	Ratio	Lower	Upper
70	100		
42	52.6	39.6	59.4
101	9.8	8.1	12.1
130	21.6	18.2	27.2



#20
3+4-Methylphenols
Concen: 43.304 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:	107	Resp:	528664
Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.9	112.9
77	94.3	77.6	117.6
79	26.6	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 677436

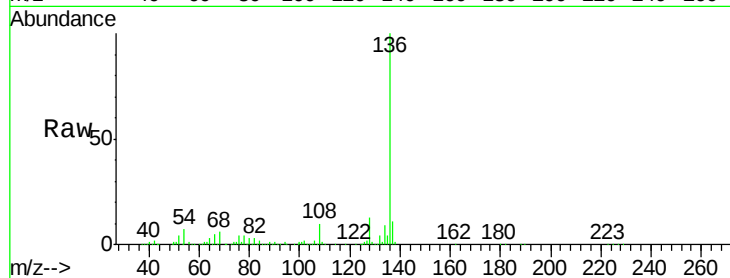
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.9 5.6 8.4

68 6.1 5.0 7.6

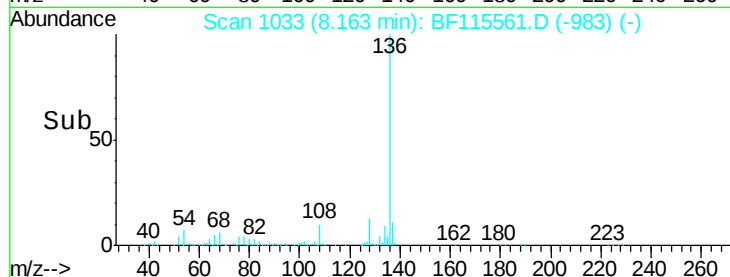


Abundance Ion 136.00 (135.70 to 136.70): E

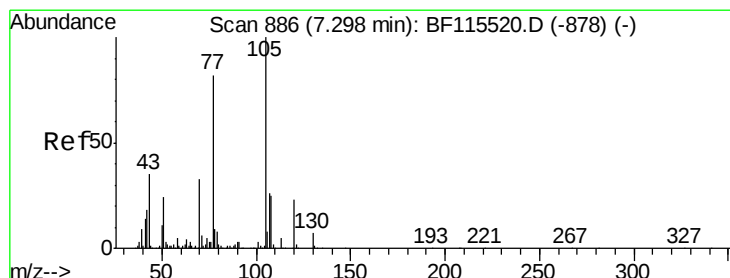
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 46.201 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Tgt Ion:105 Resp: 707066

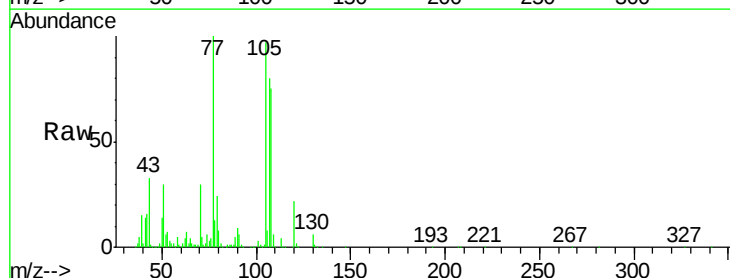
Ion Ratio Lower Upper

105 100

71 5.3 3.5 5.3

51 30.7 25.6 38.4

120 22.4 17.9 26.9

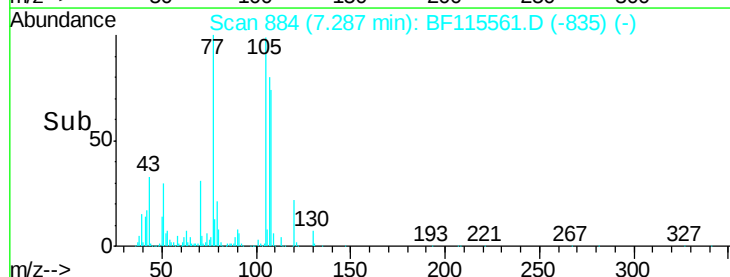


Abundance Ion 105.00 (104.70 to 105.70): E

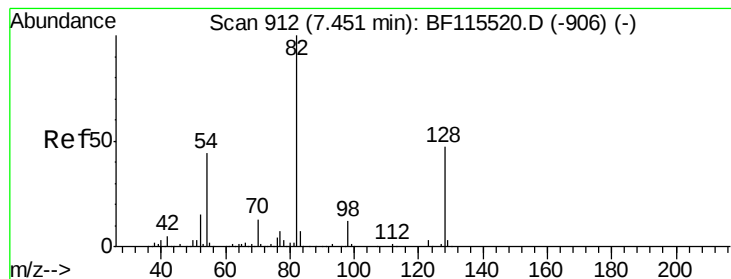
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 89.042 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

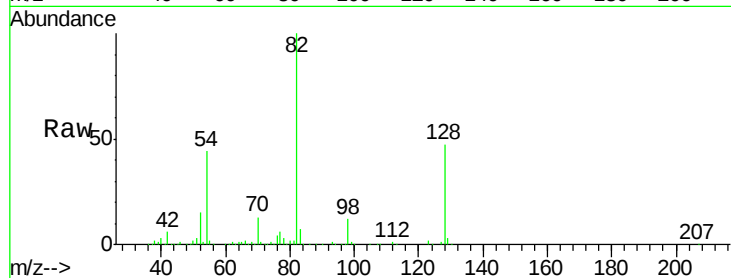
Tot Ion: 82 Resp: 1037385

Ion Ratio Lower Upper

82 100

128 46.6 38.6 57.8

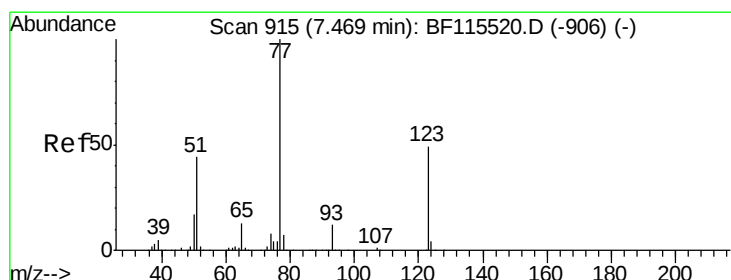
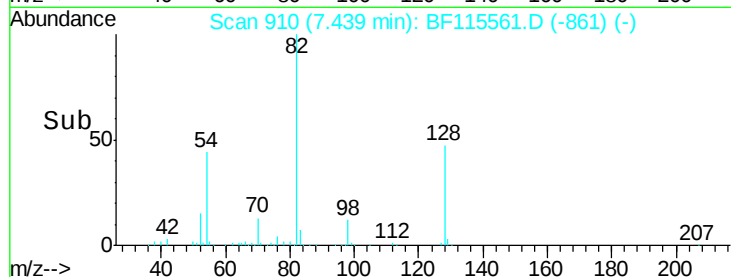
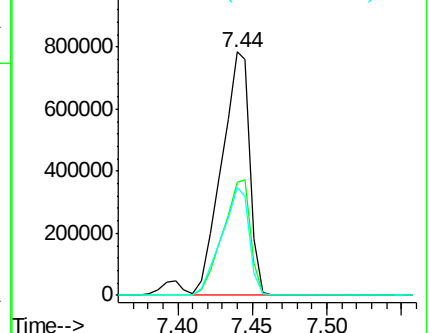
54 44.2 35.6 53.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 45.108 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

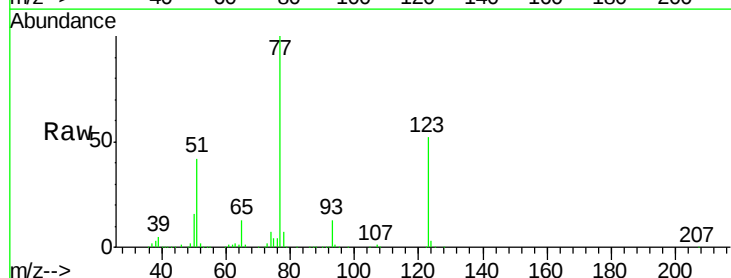
Tgt Ion: 77 Resp: 566825

Ion Ratio Lower Upper

77 100

123 51.6 40.0 60.0

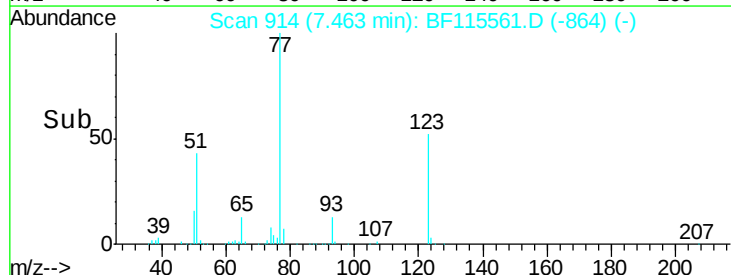
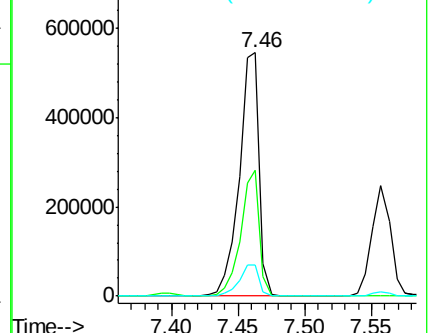
65 12.8 11.0 16.4

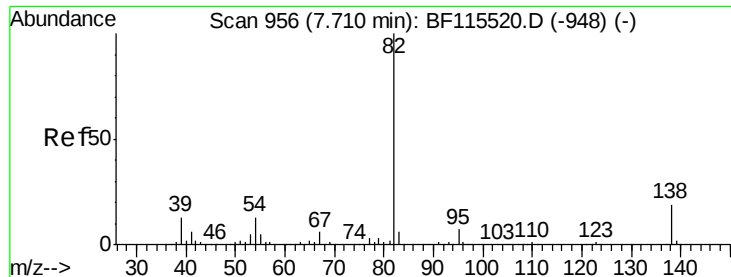


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.624 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

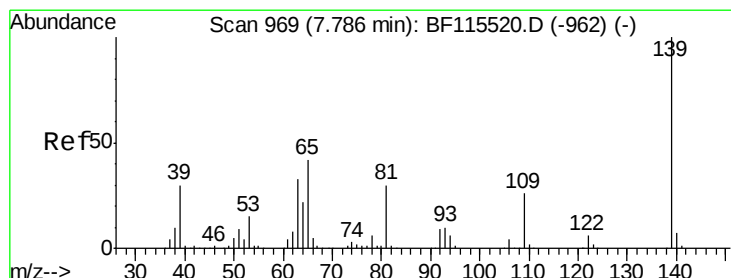
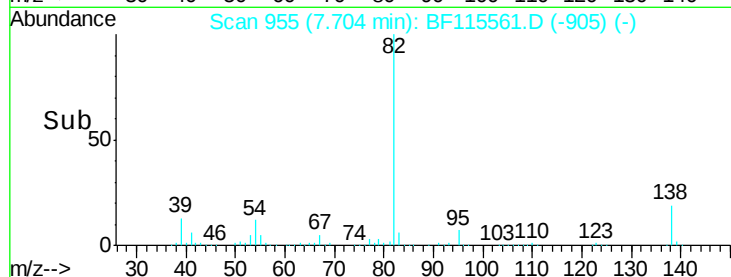
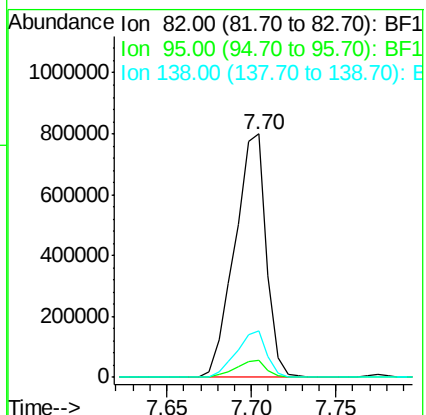
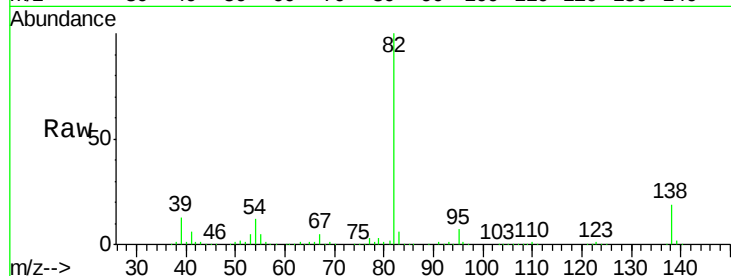
Tot Ion: 82 Resp: 1040314

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 46.072 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

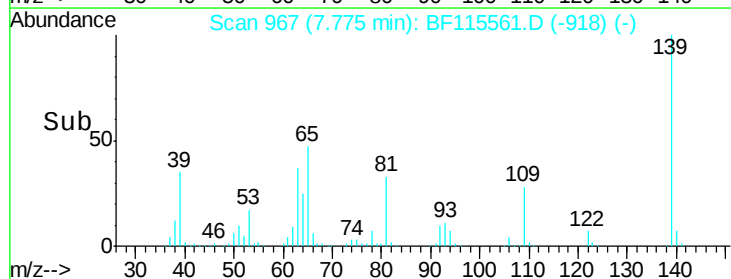
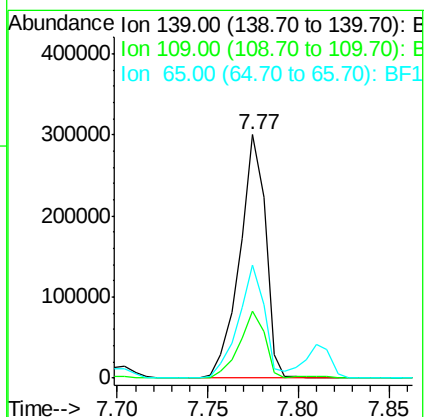
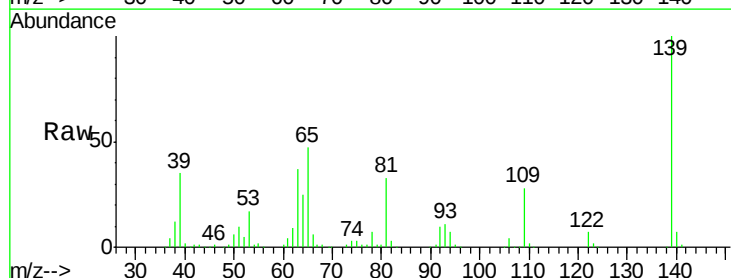
Tgt Ion: 139 Resp: 297990

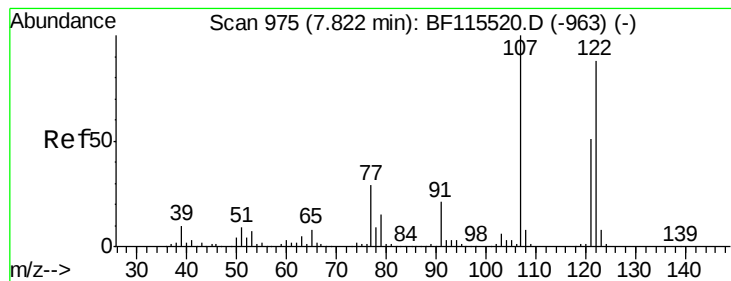
Ion Ratio Lower Upper

139 100

109 27.7 23.3 34.9

65 46.7 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 52.048 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

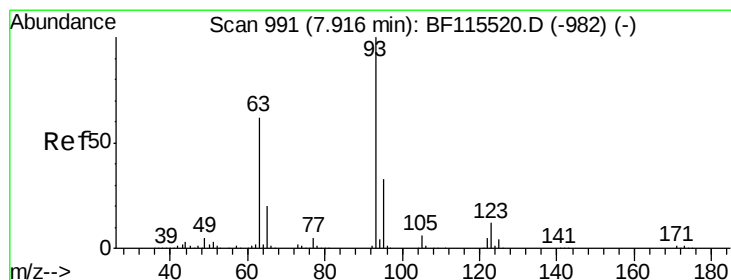
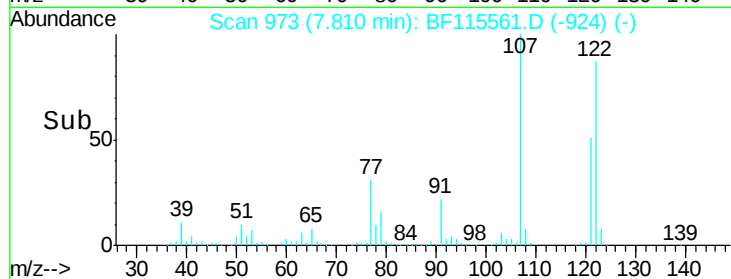
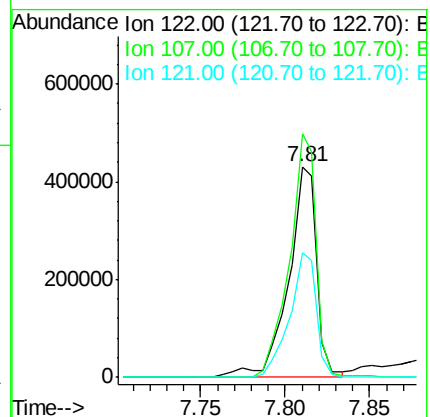
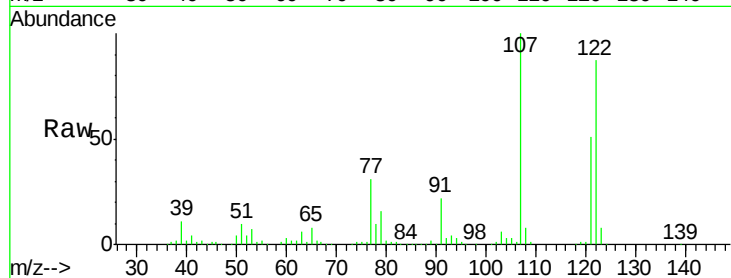
Tot Ion:122 Resp: 503698

Ion Ratio Lower Upper

122 100

107 115.6 92.9 139.3

121 59.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.933 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

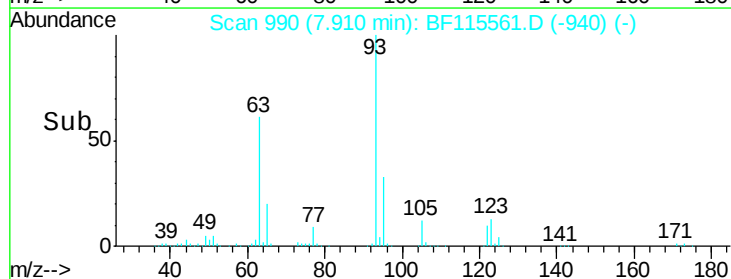
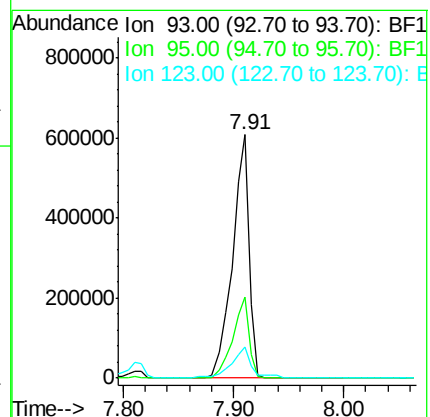
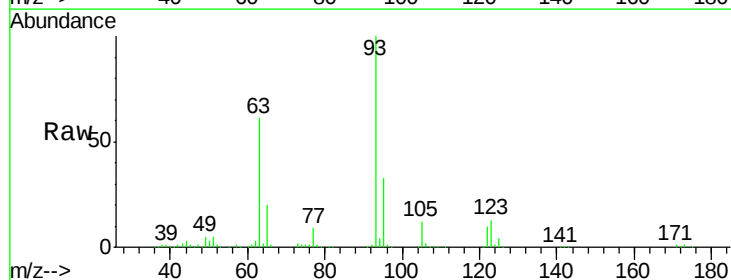
Tgt Ion: 93 Resp: 642620

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

123 12.9 9.9 14.9

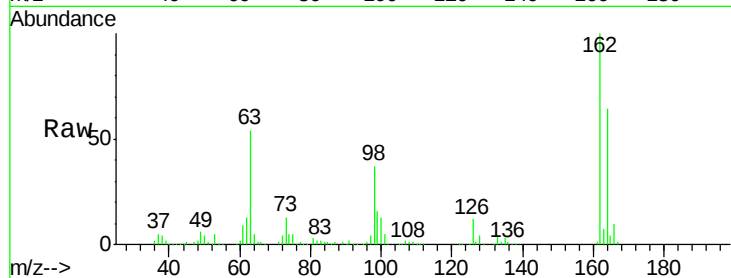




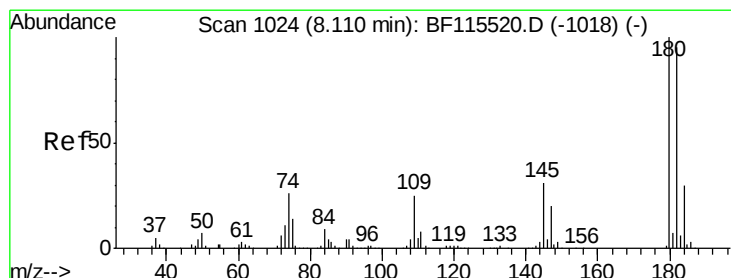
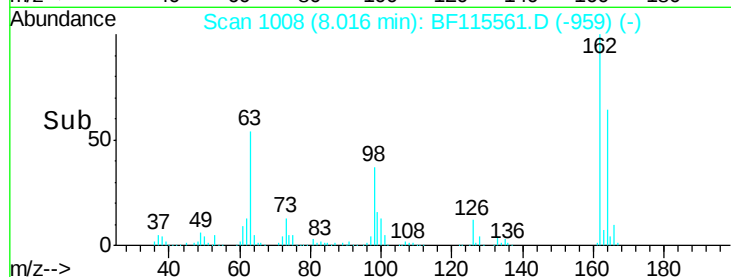
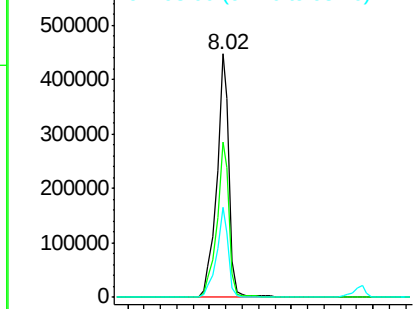
#29
 2,4-Dichlorophenol
 Concen: 46.825 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 471276
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.9 84.9
 98 37.2 17.7 57.7

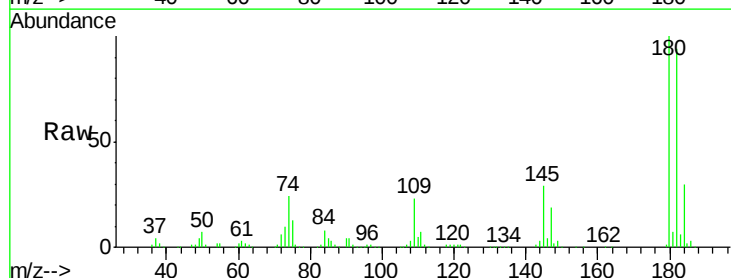


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

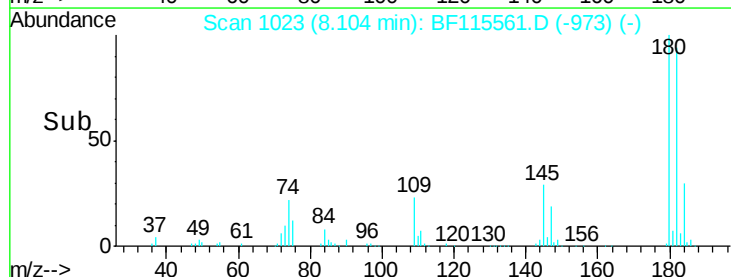
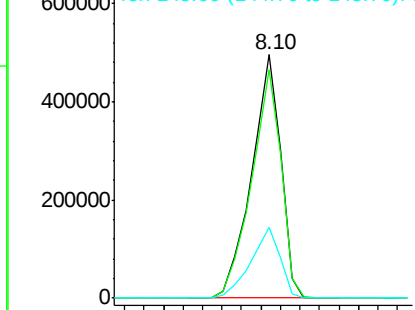


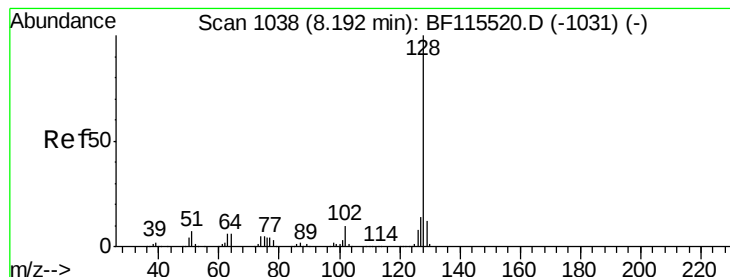
#30
 1,2,4-Trichlorobenzene
 Concen: 45.189 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

Tgt Ion:180 Resp: 514104
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.0 112.6
 145 29.3 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: 46.613 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

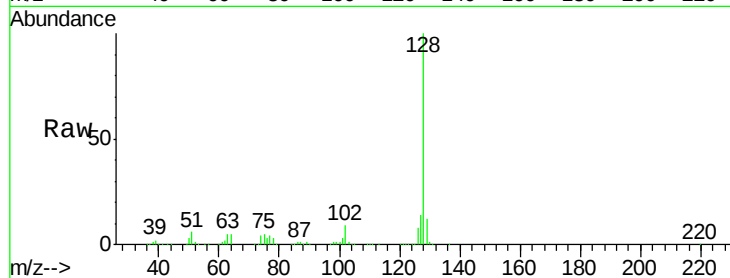
Tot Ion:128 Resp: 1529293

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

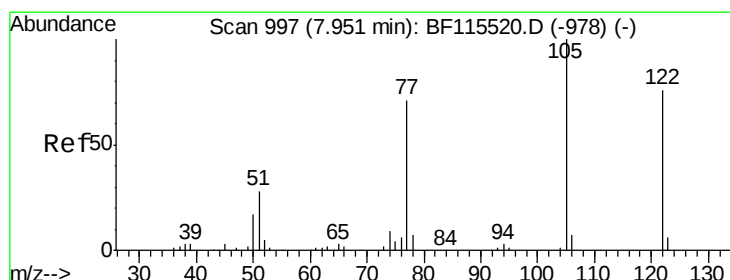
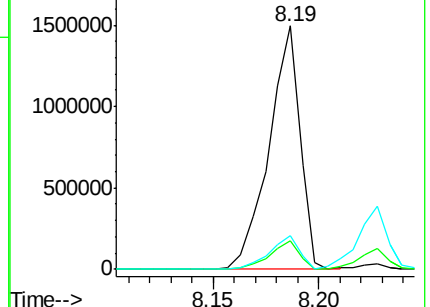
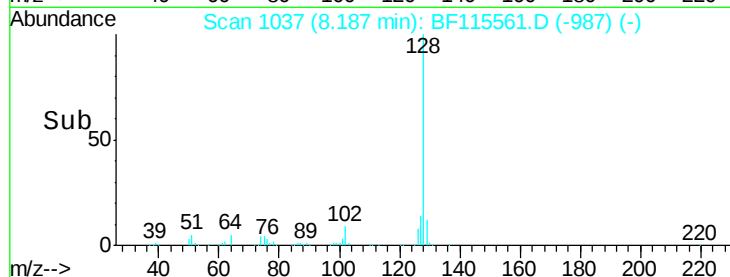
127 13.9 12.1 18.1



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: 43.066 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

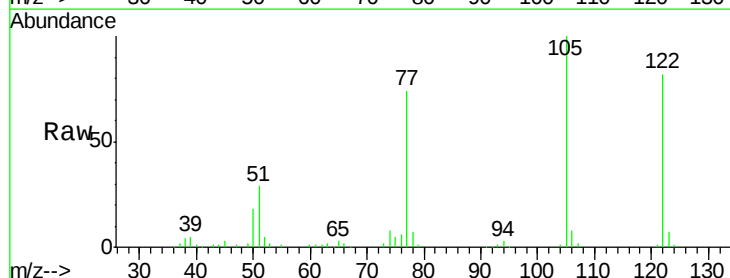
Tgt Ion:122 Resp: 342036

Ion Ratio Lower Upper

122 100

105 121.2 102.5 142.5

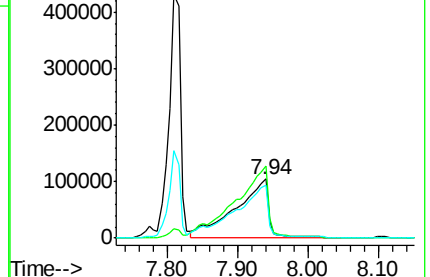
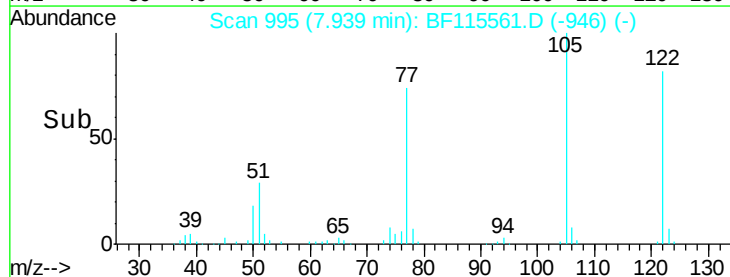
77 90.3 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

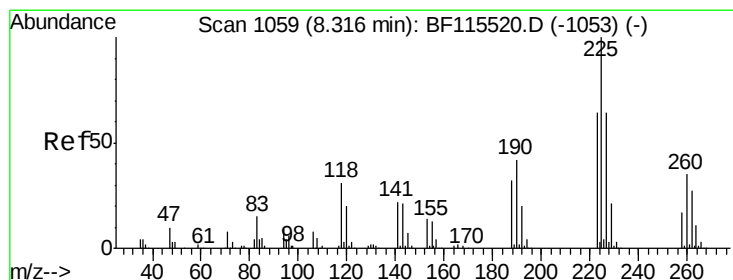
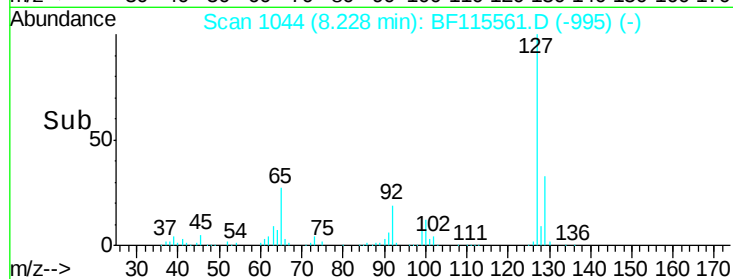
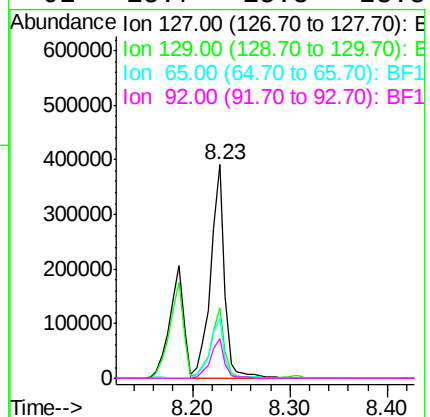
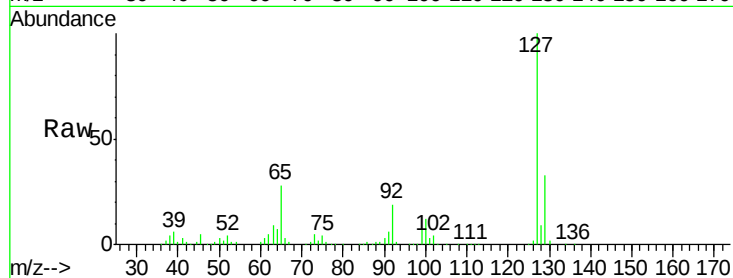




#33
4-Chloroaniline
Concen: 26.589 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

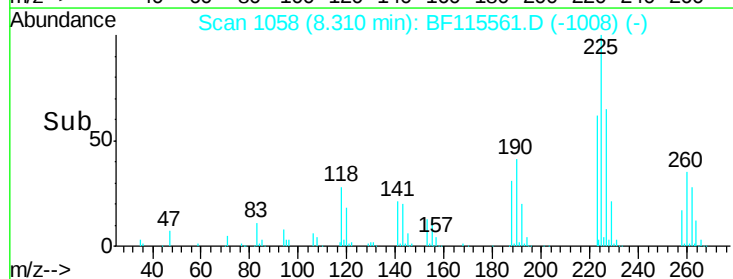
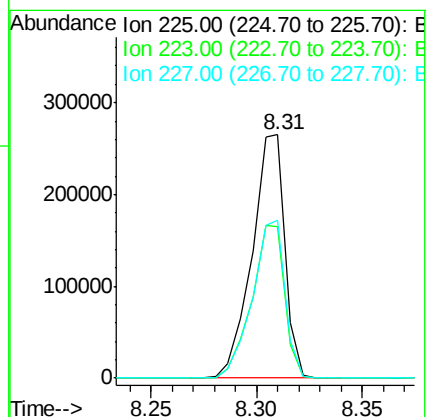
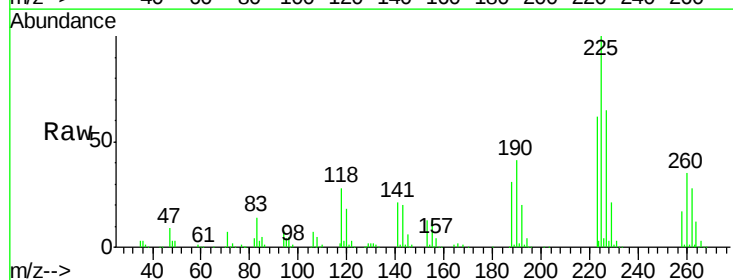
Instrument :
BNA_F
ClientSampleId :

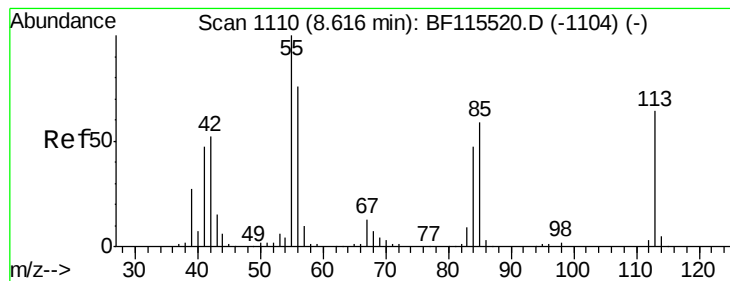
Tot Ion:	127	Resp:	386408
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	39.8
65	28.4	23.7	35.5
92	18.7	15.8	23.8



#34
Hexachlorobutadiene
Concen: 43.949 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:	225	Resp:	286730
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	64.8	50.7	76.1





#35

Caprolactam

Concen: 26.615 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampled :

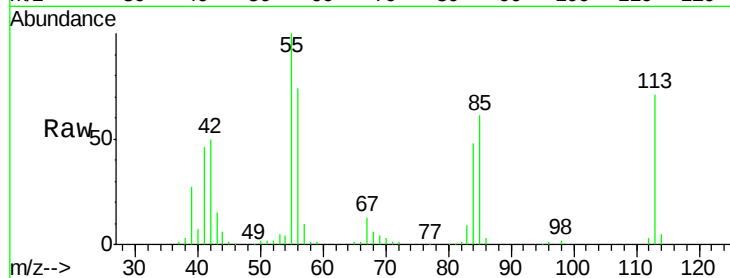
Tot Ion:113 Resp: 82777

Ion Ratio Lower Upper

113 100

55 140.6 126.9 166.9

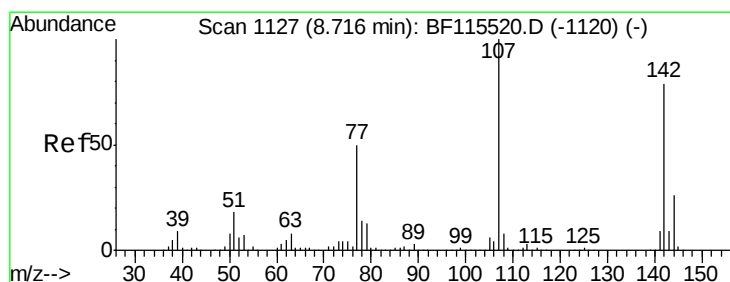
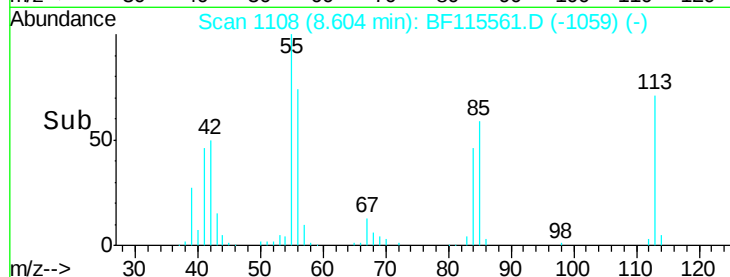
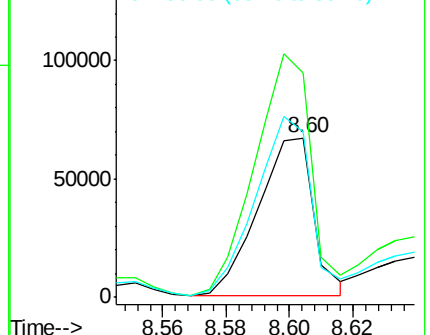
56 103.8 90.3 130.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.726 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

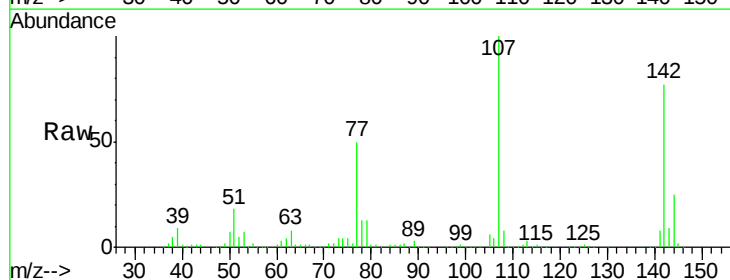
Tgt Ion:107 Resp: 487822

Ion Ratio Lower Upper

107 100

144 25.0 20.6 30.8

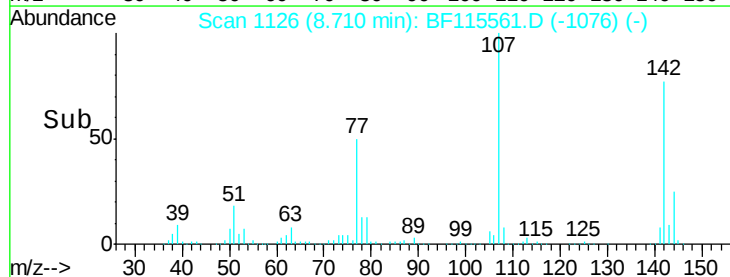
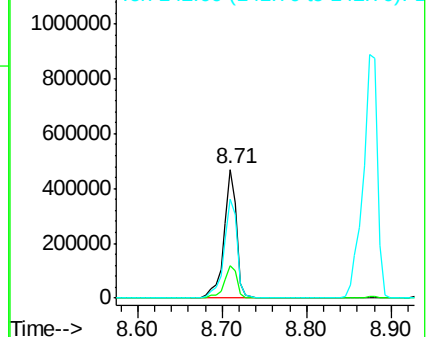
142 77.2 63.1 94.7

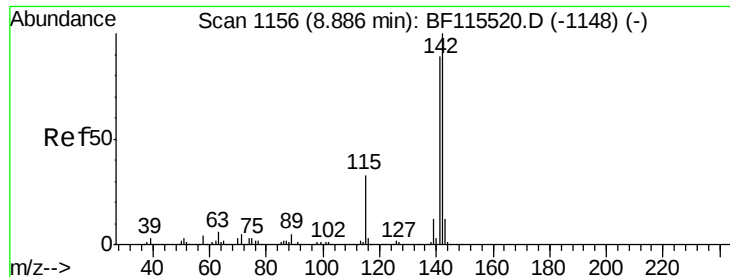


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

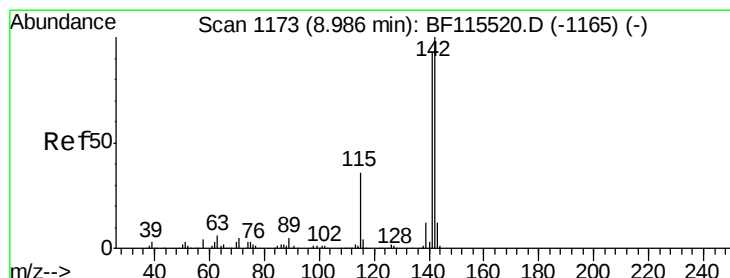
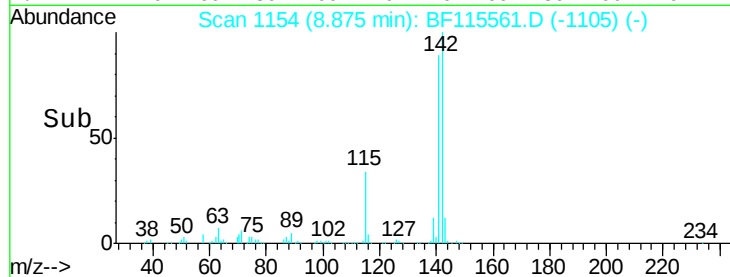
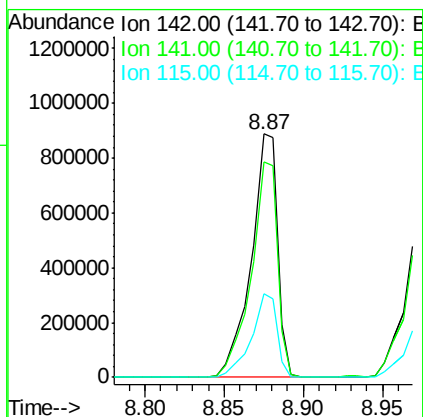
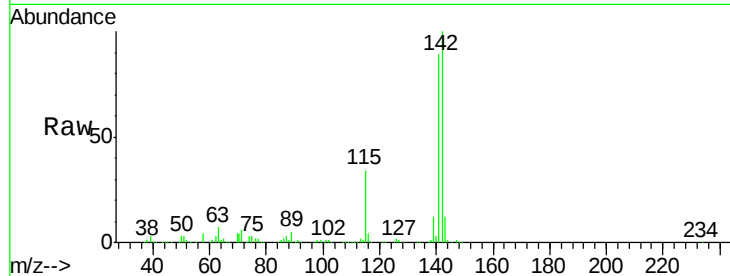




#37
 2-Methylnaphthalene
 Concen: 47.527 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

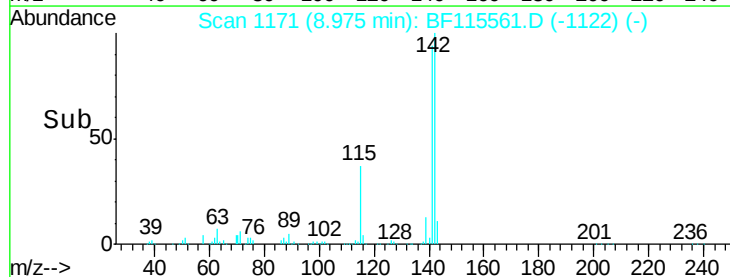
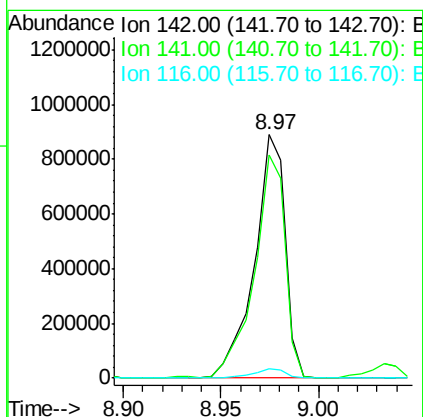
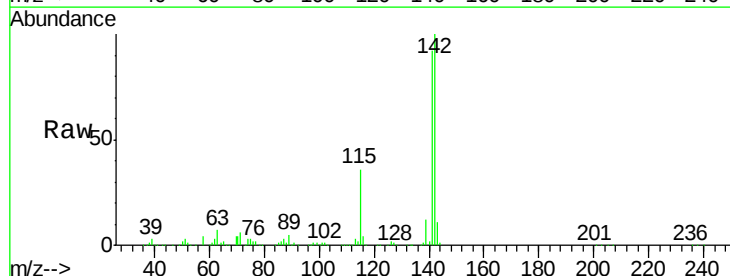
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1033591
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.0 108.0
 115 34.5 29.9 44.9



#38
 1-Methylnaphthalene
 Concen: 46.991 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

Tgt Ion:142 Resp: 970684
 Ion Ratio Lower Upper
 142 100
 141 91.8 75.3 112.9
 116 3.8 3.3 4.9

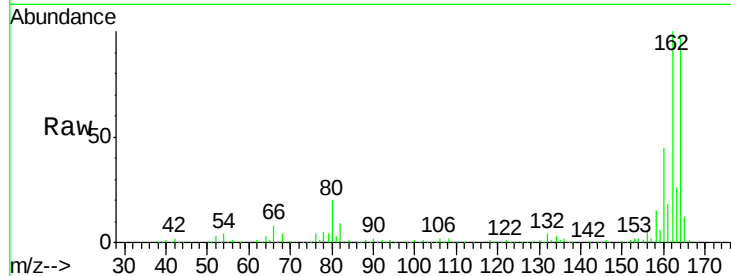




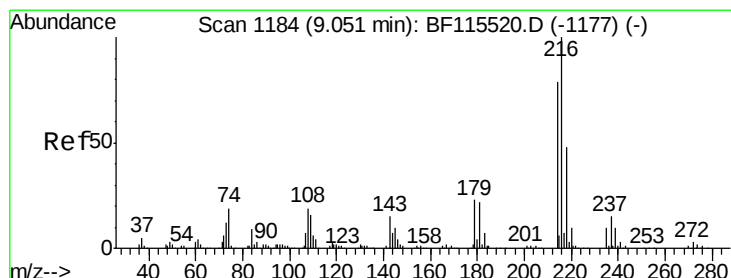
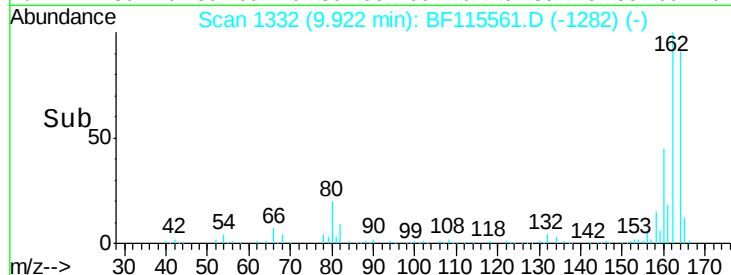
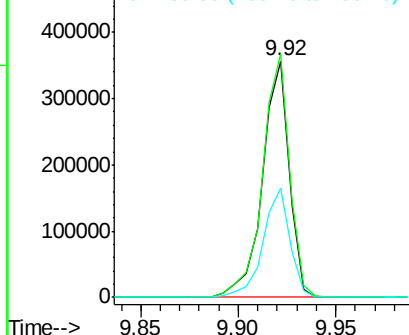
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 338658
Ion Ratio Lower Upper
164 100
162 103.1 82.9 124.3
160 46.5 36.8 55.2

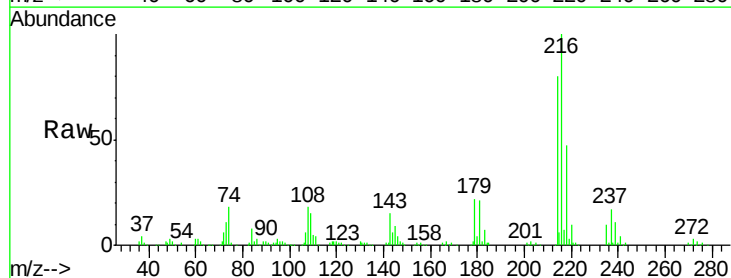


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

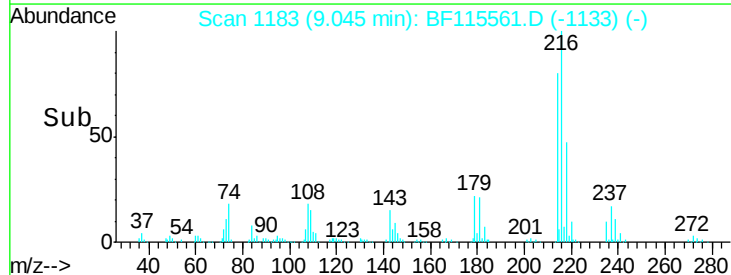
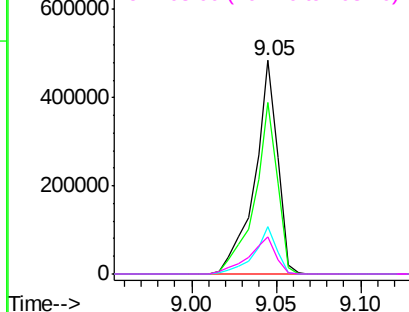


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.088 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:216 Resp: 459815
Ion Ratio Lower Upper
216 100
214 79.6 65.1 97.7
179 21.8 18.3 27.5
108 20.3 15.7 23.5



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





#41

Hexachlorocyclopentadiene

Concen: 81.713 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

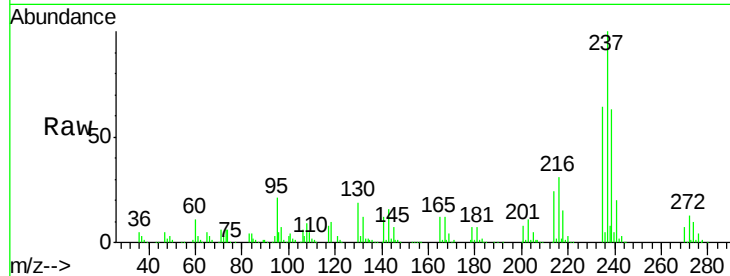
Tot Ion:237 Resp: 475361

Ion Ratio Lower Upper

237 100

235 63.8 43.6 83.6

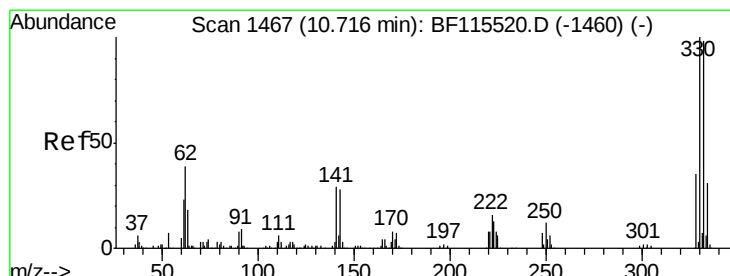
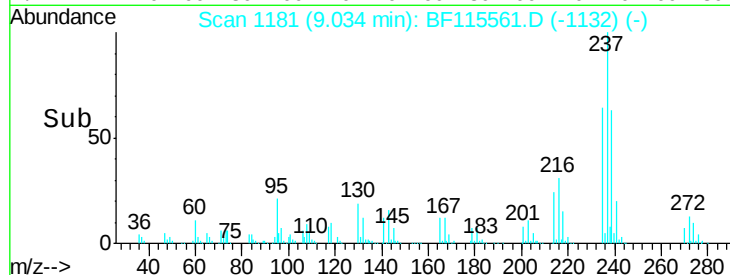
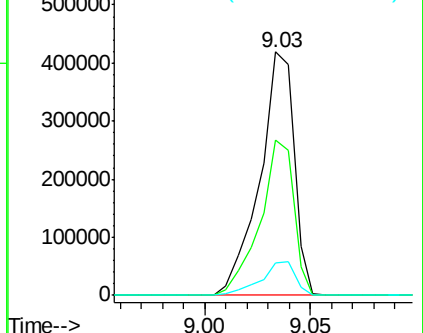
272 13.1 0.0 33.9



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: 131.271 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

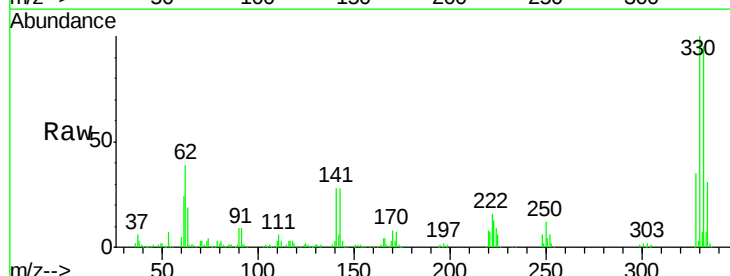
Tgt Ion:330 Resp: 518909

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

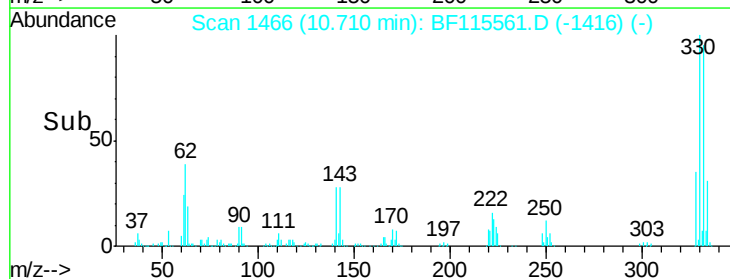
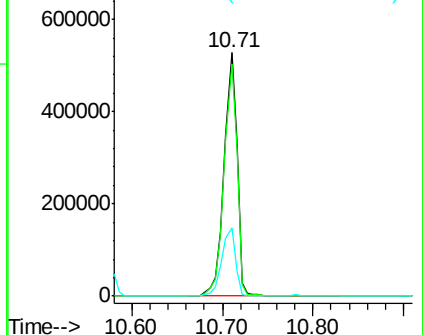
141 29.7 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

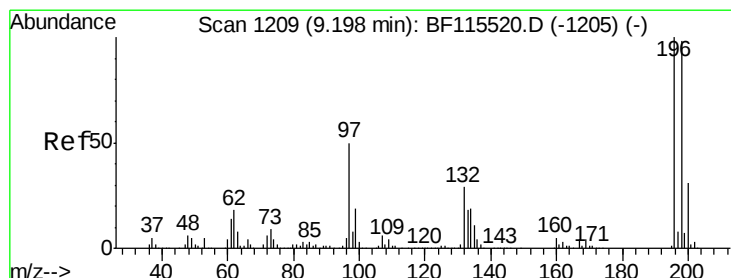
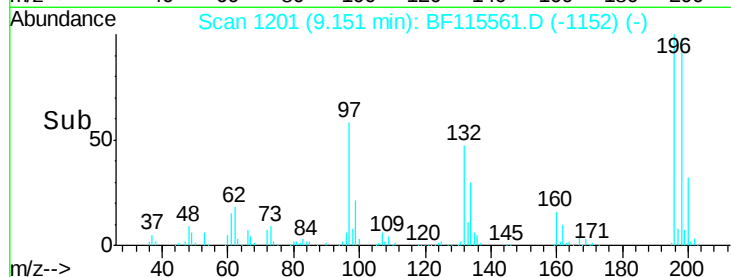
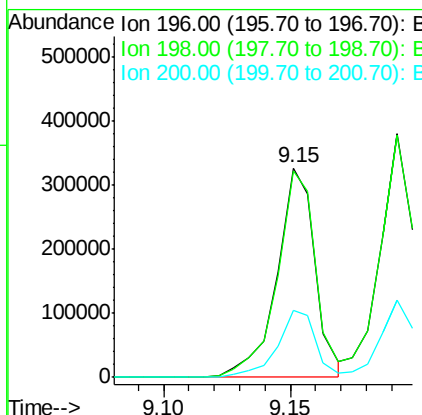
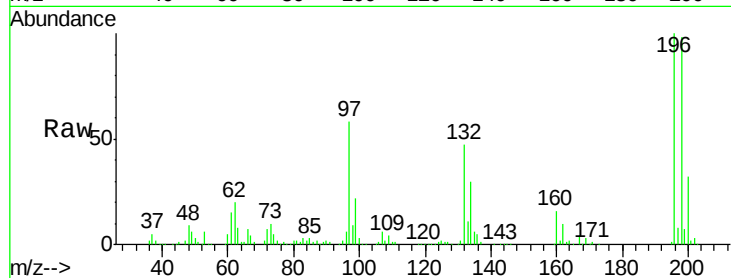




#43
 2,4,6-Trichlorophenol
 Concen: 46.024 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

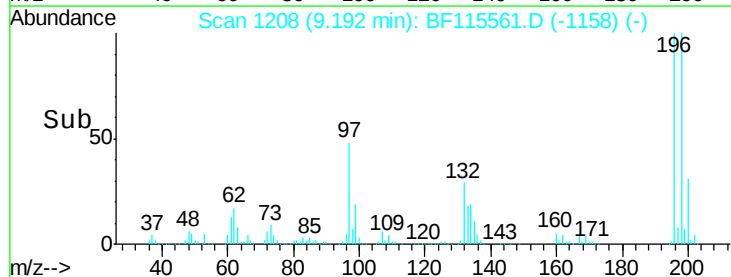
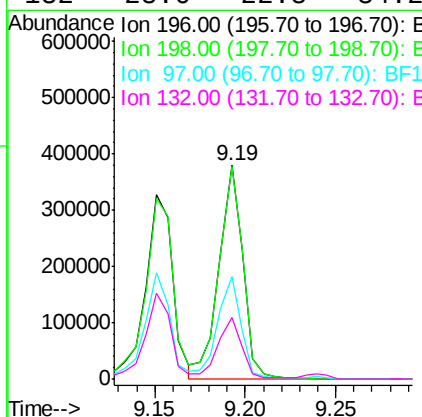
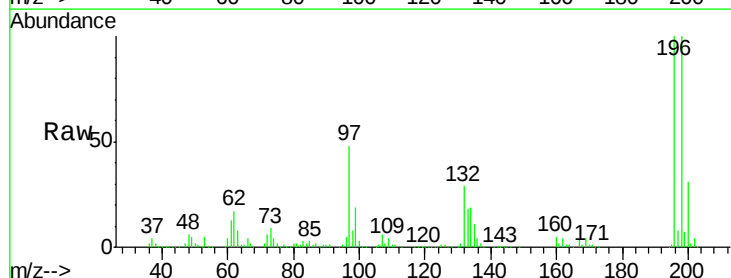
Instrument :
 BNA_F
 ClientSampled :

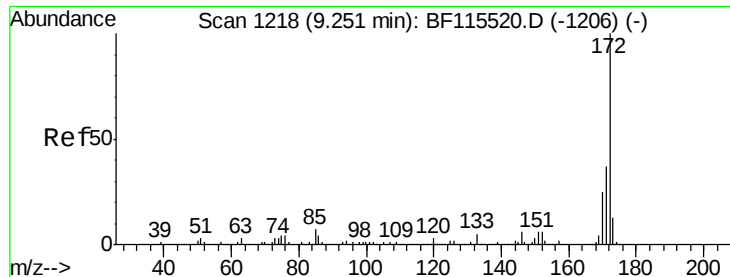
Tot Ion	196	Resp	343237
Ion	Ratio	Lower	Upper
196	100		
198	98.3	80.6	121.0
200	31.8	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.497 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

Tgt Ion	196	Resp	347486
Ion	Ratio	Lower	Upper
196	100		
198	99.7	79.6	119.4
97	48.1	37.8	56.6
132	28.6	22.8	34.2

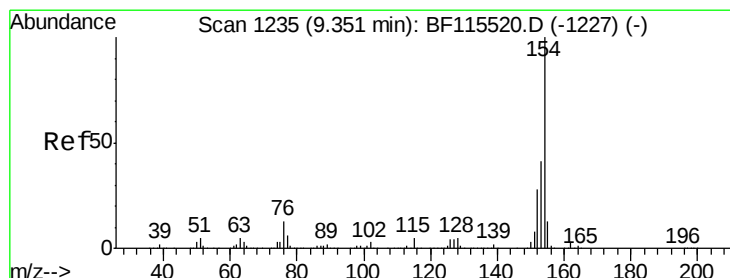
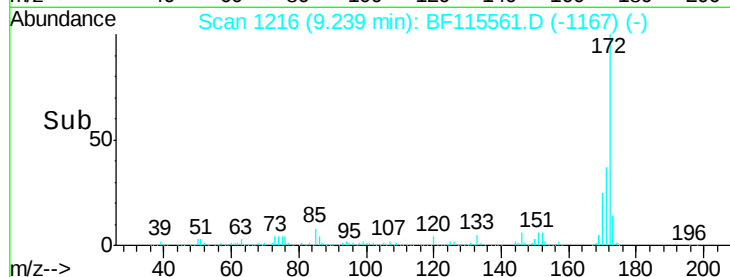
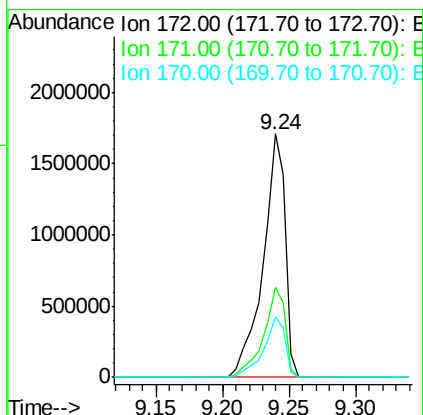
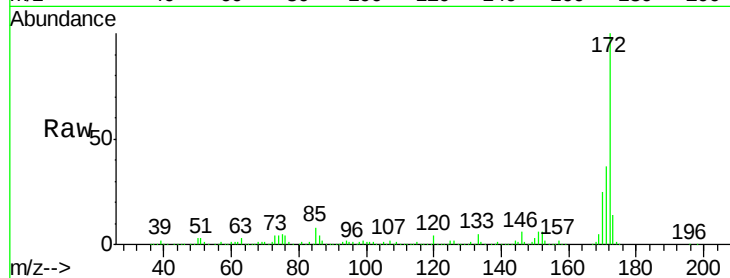




#45
2-Fluorobiphenyl
Concen: 100.773 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

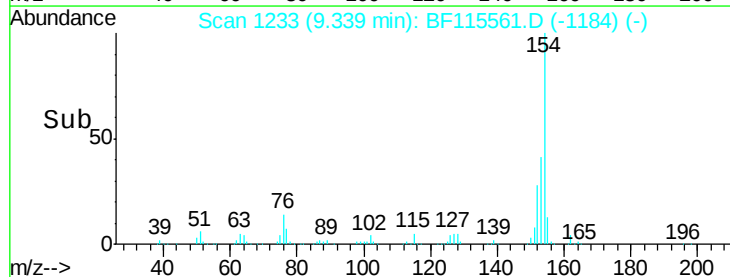
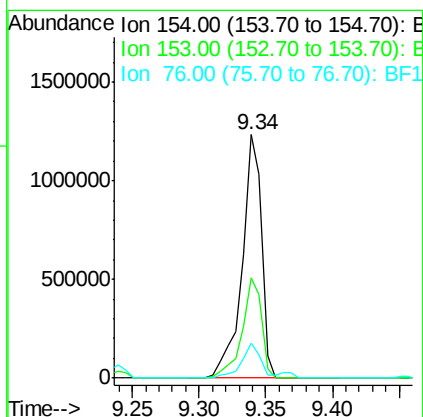
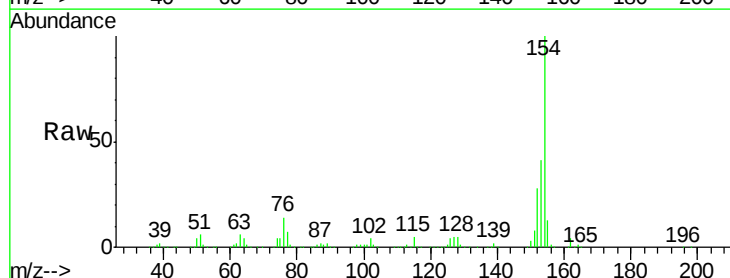
Instrument :
BNA_F
ClientSampleId :

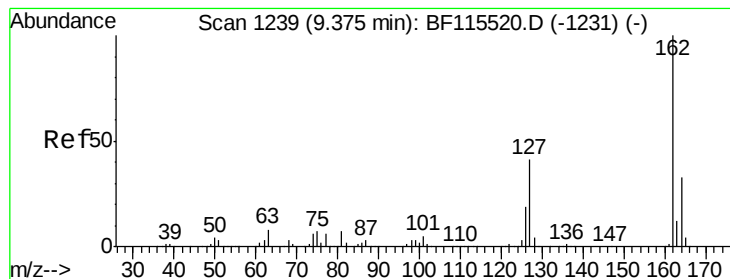
Tot Ion:172 Resp: 1949833
Ion Ratio Lower Upper
172 100
171 36.8 30.6 46.0
170 25.1 20.5 30.7



#46
1,1'-Biphenyl
Concen: 46.974 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:154 Resp: 1243671
Ion Ratio Lower Upper
154 100
153 41.1 22.6 62.6
76 14.5 0.0 33.4





#47

2-Chloronaphthalene

Concen: 45.287 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

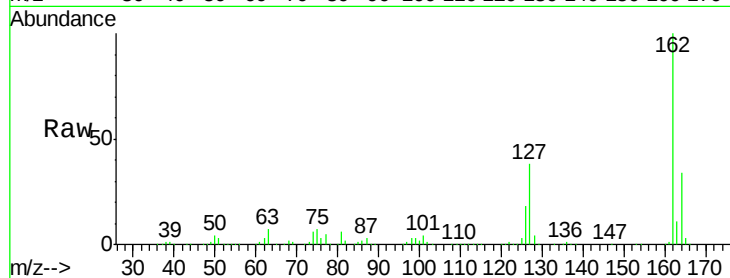
Tot Ion:162 Resp: 998365

Ion Ratio Lower Upper

162 100

127 38.4 34.1 51.1

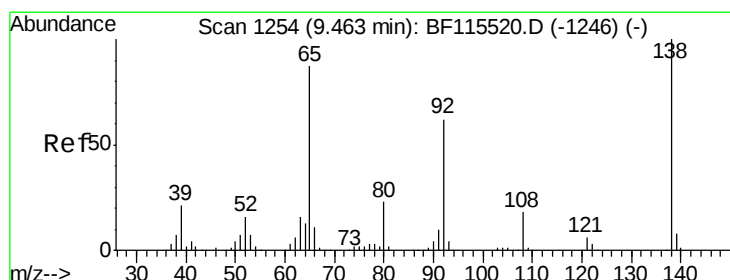
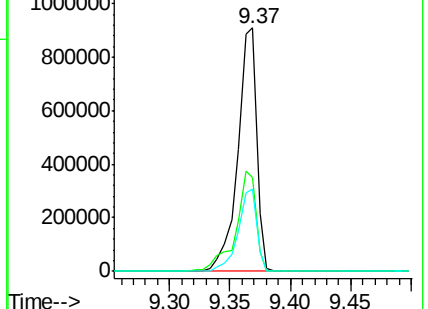
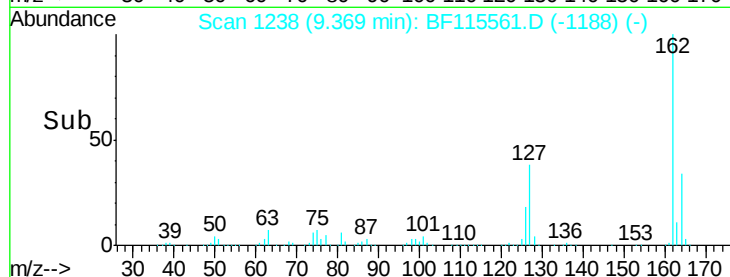
164 33.9 27.4 41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.442 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

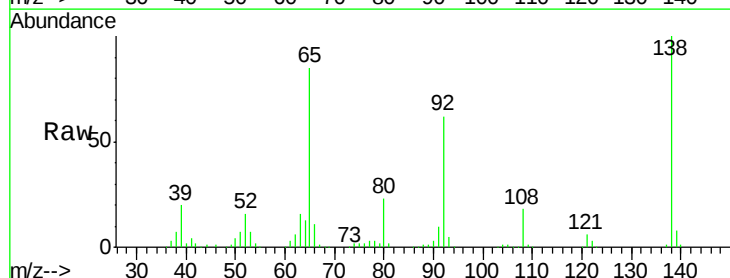
Tgt Ion: 65 Resp: 296422

Ion Ratio Lower Upper

65 100

92 73.1 57.8 86.6

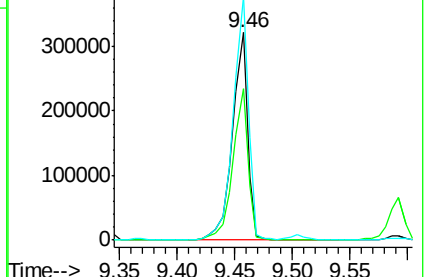
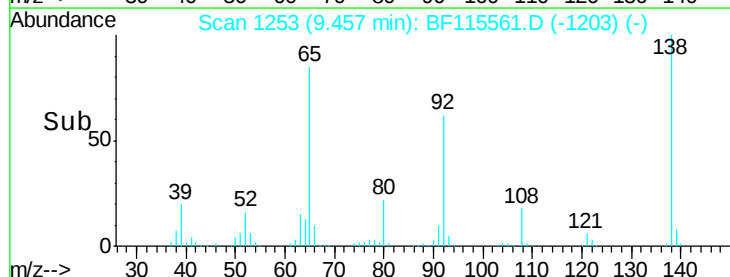
138 117.5 91.2 136.8

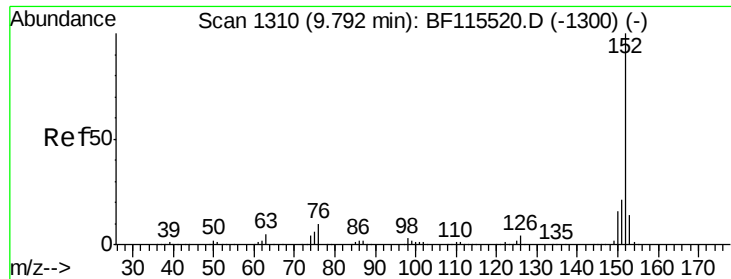


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.349 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

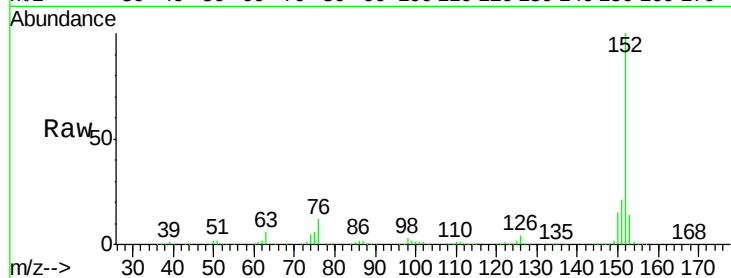
Tot Ion:152 Resp: 1514036

Ion Ratio Lower Upper

152 100

151 20.9 17.7 26.5

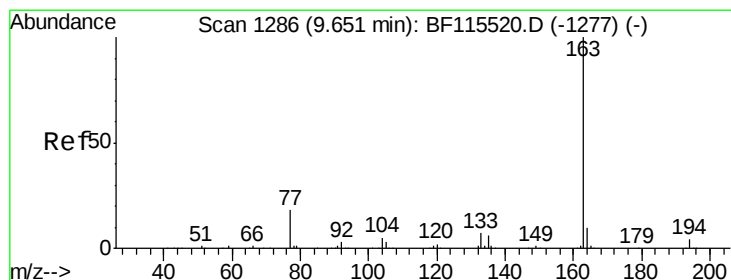
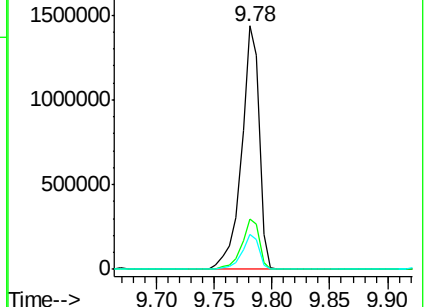
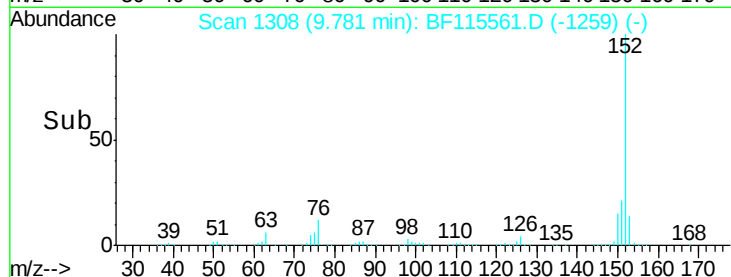
153 14.4 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.403 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

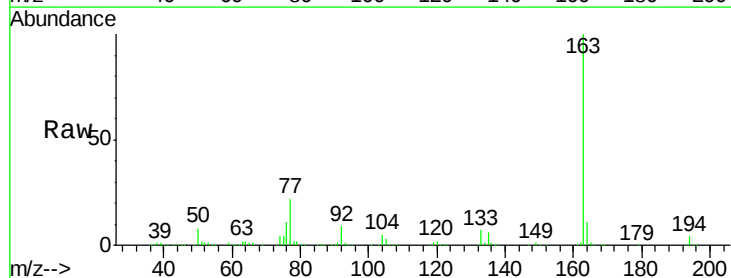
Tgt Ion:163 Resp: 1156849

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

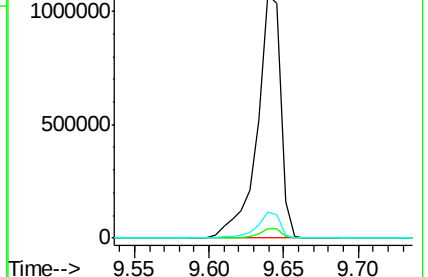
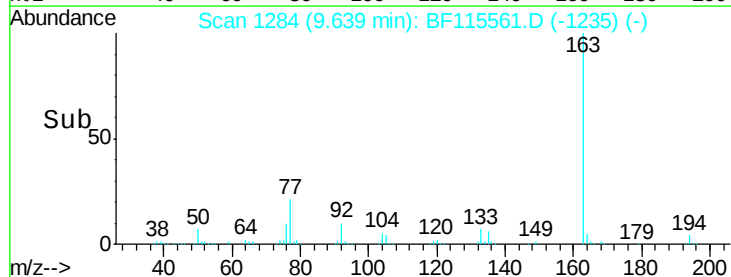
164 10.6 8.7 13.1

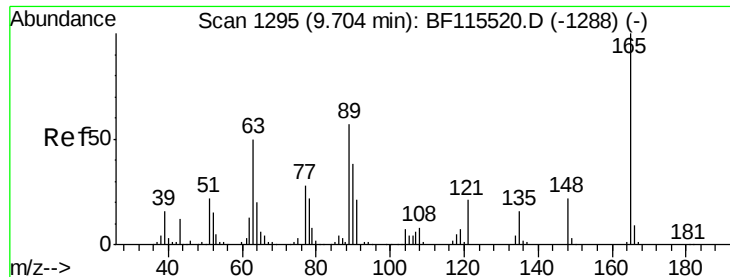


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

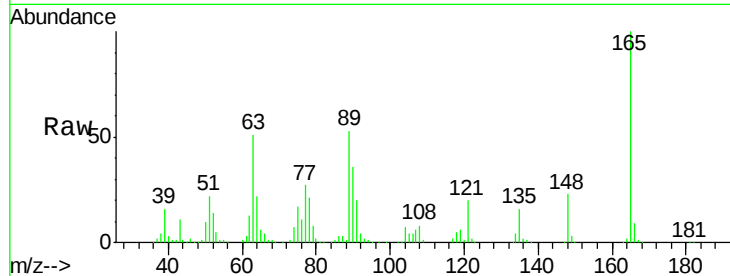




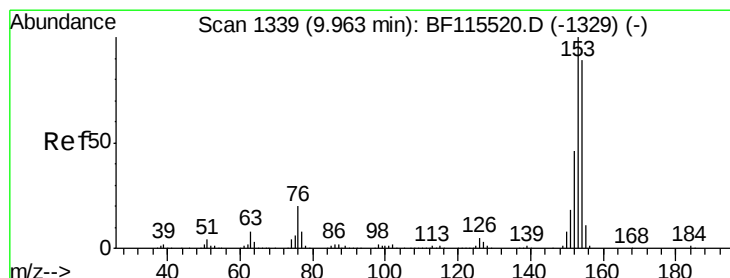
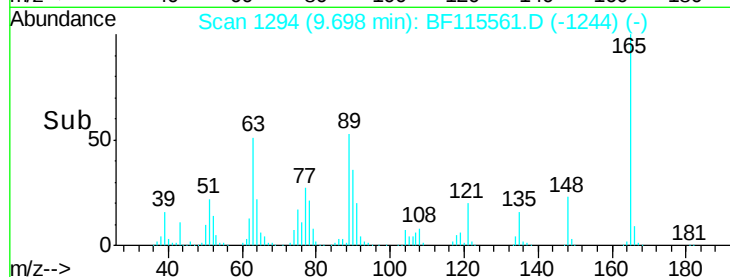
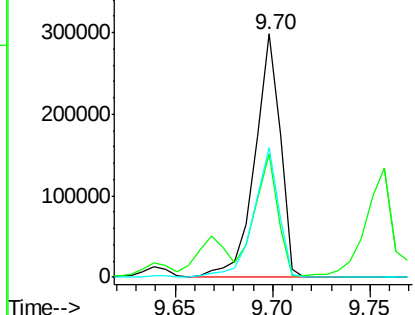
#51
 2,6-Dinitrotoluene
 Concen: 46.478 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.7	40.6	61.0
89	53.3	43.9	65.9

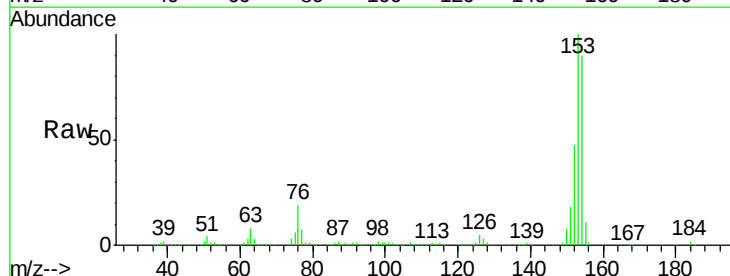


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

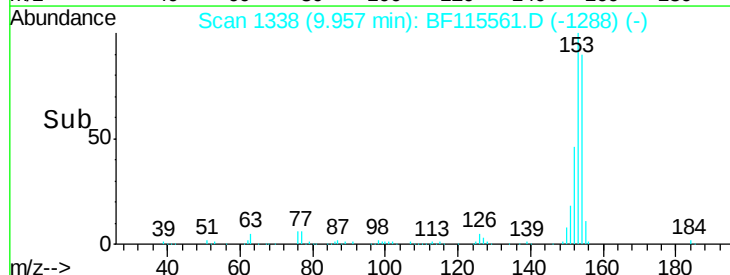
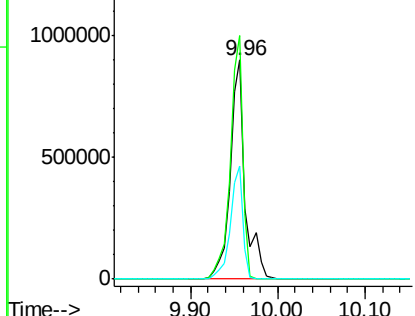


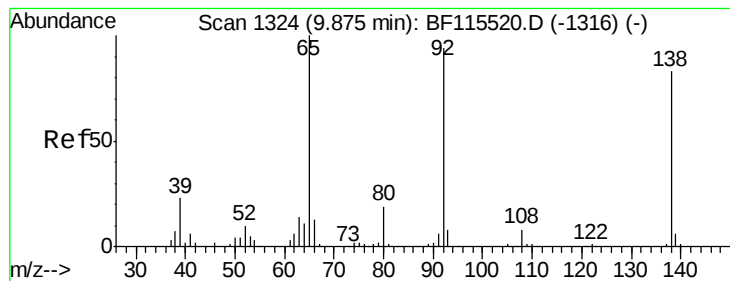
#52
 Acenaphthene
 Concen: 50.226 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	88.6	133.0
152	51.8	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: 28.490 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampled :

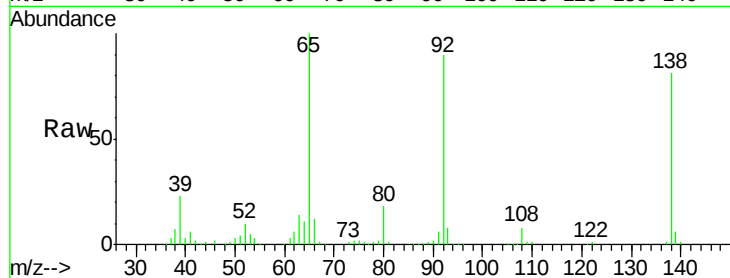
Tot Ion:138 Resp: 188521

Ion Ratio Lower Upper

138 100

108 10.2 8.4 12.6

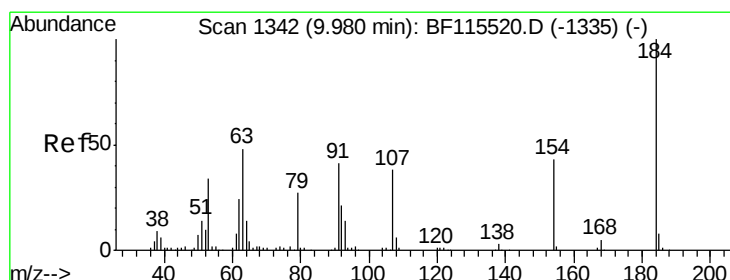
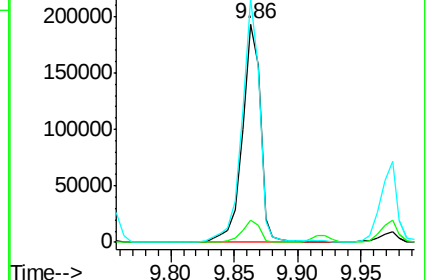
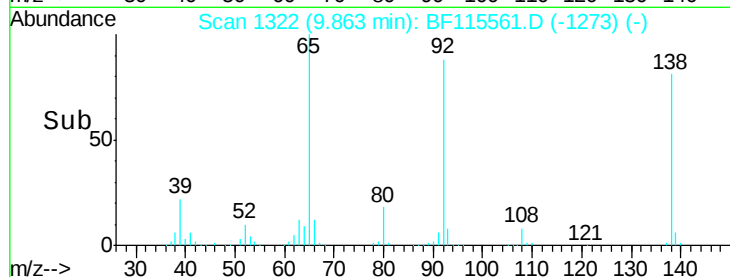
92 111.7 88.0 132.0



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: 95.212 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

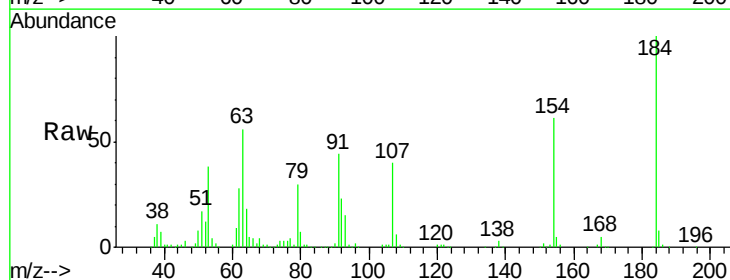
Tgt Ion:184 Resp: 283056

Ion Ratio Lower Upper

184 100

63 55.6 48.7 73.1

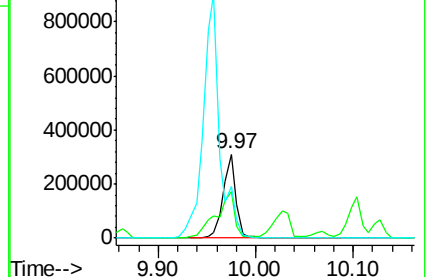
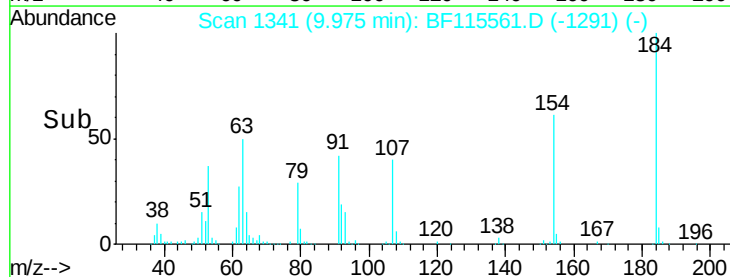
154 60.9 48.6 73.0



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

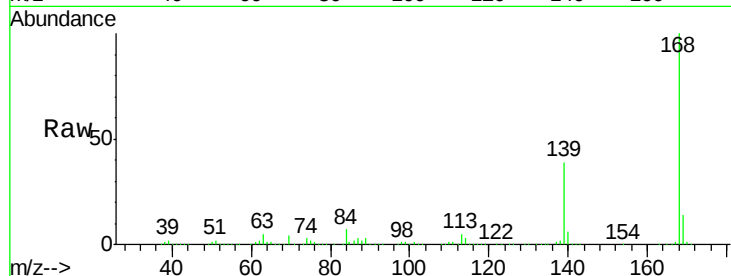




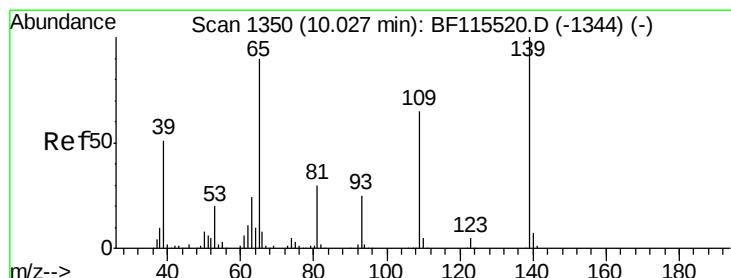
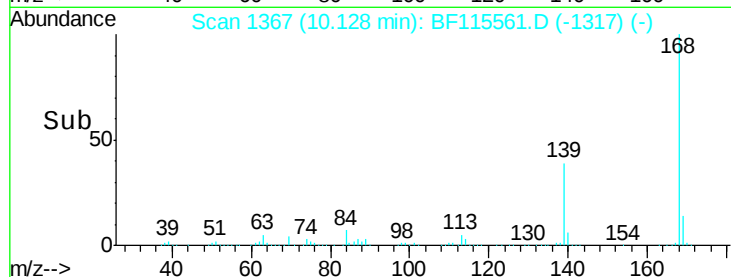
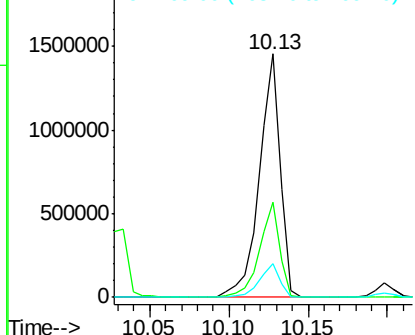
#55
Dibenzofuran
Concen: 44.766 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1340738
Ion Ratio Lower Upper
168 100
139 38.9 31.1 46.7
169 13.9 11.1 16.7

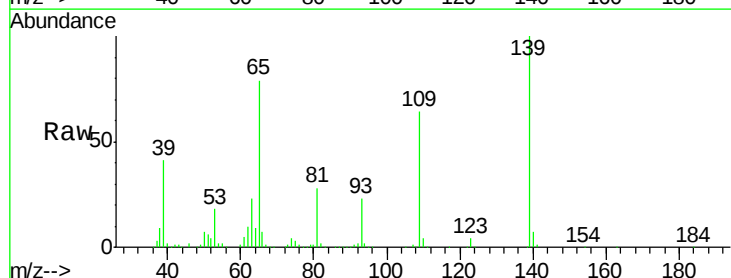


Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

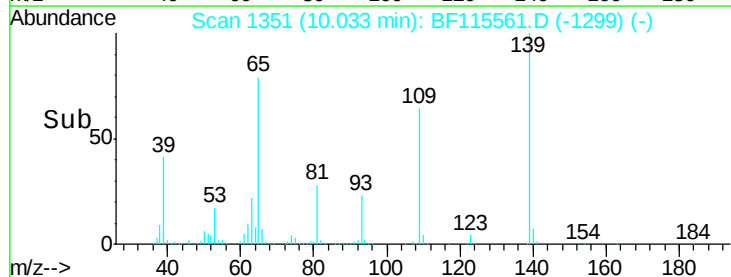
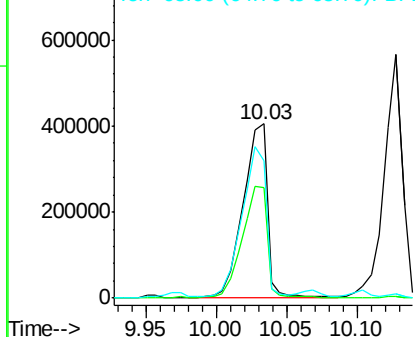


#56
4-Nitrophenol
Concen: 96.910 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:139 Resp: 488990
Ion Ratio Lower Upper
139 100
109 63.6 46.4 86.4
65 79.0 68.9 108.9



Abundance Ion 139.00 (138.70 to 139.70): E
600000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

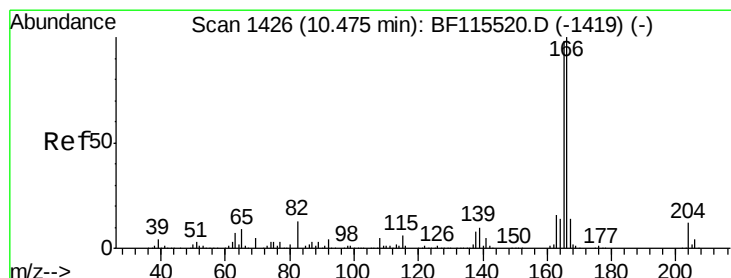
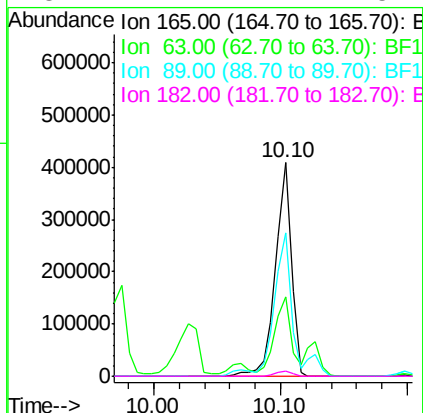
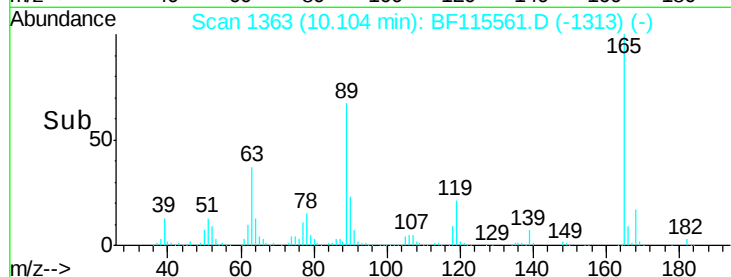
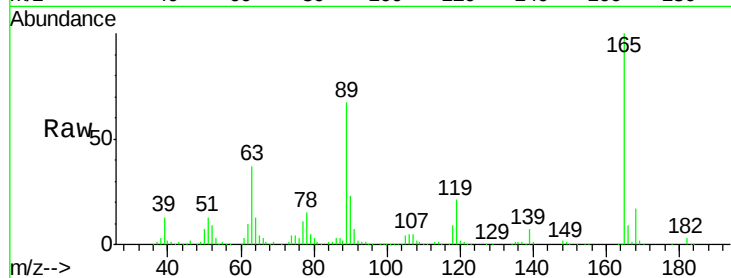




#57
2,4-Dinitrotoluene
Concen: 47.542 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

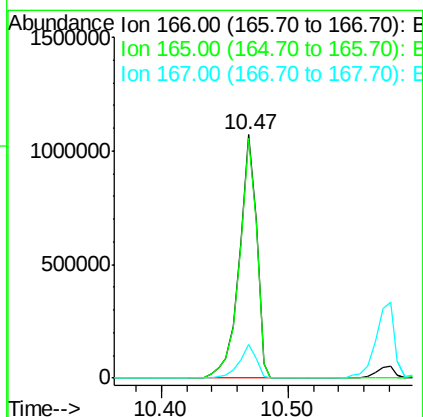
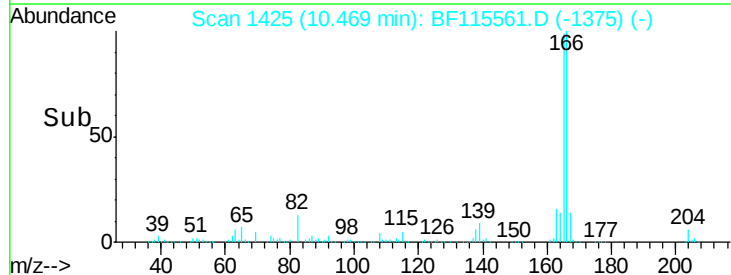
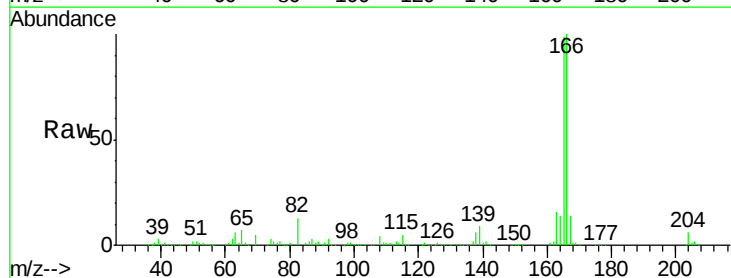
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	356649
Ion	Ratio	Lower	Upper
165	100		
63	37.5	34.9	52.3
89	66.9	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 46.466 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:	166	Resp:	994858
Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.6
167	13.8	11.2	16.8

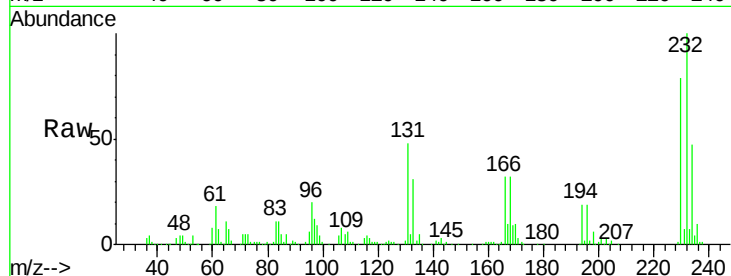




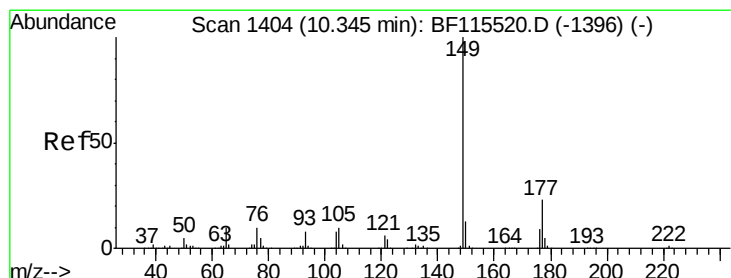
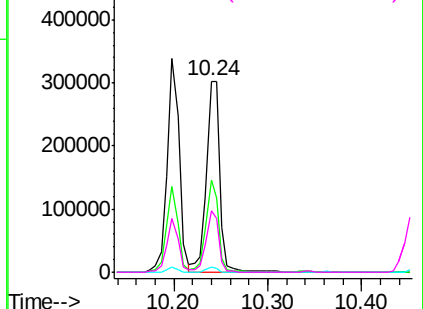
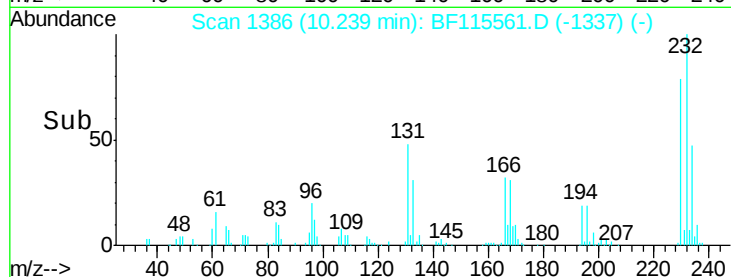
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.893 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.9	53.9
130	2.1	1.8	2.6
166	30.5	24.8	37.2

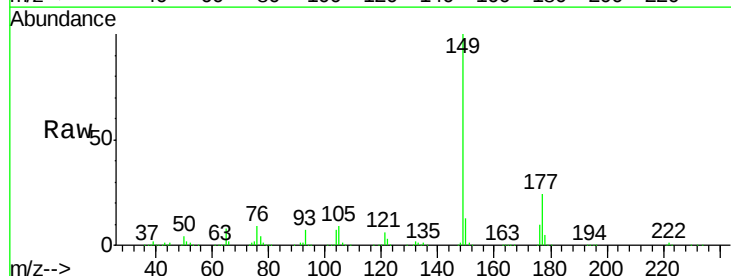


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

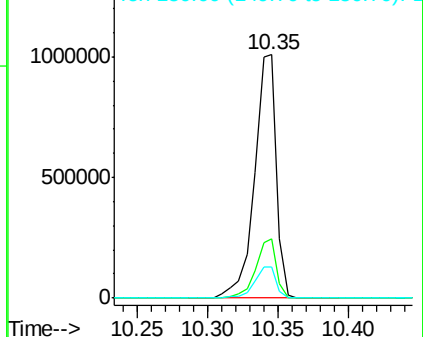
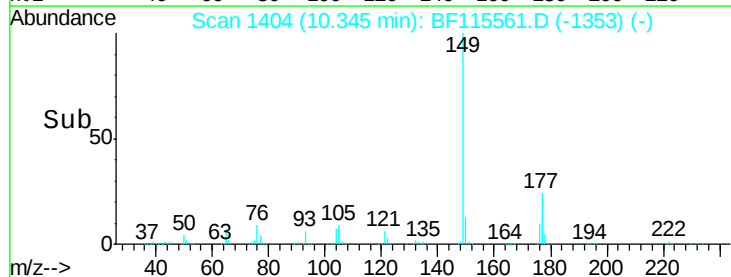


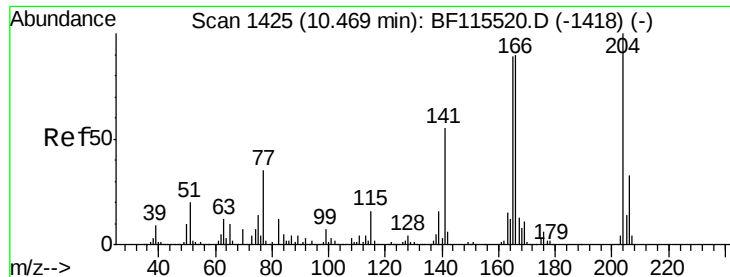
#60
 Diethylphthalate
 Concen: 46.035 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.5	29.3
150	12.6	10.4	15.6



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

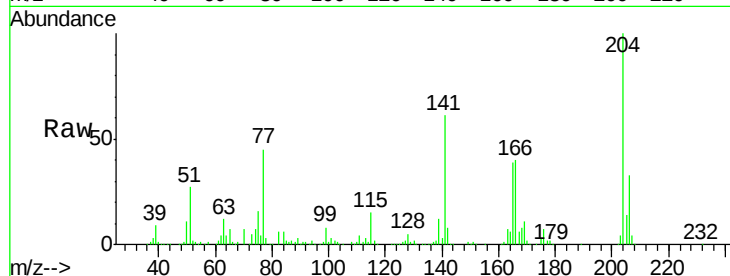




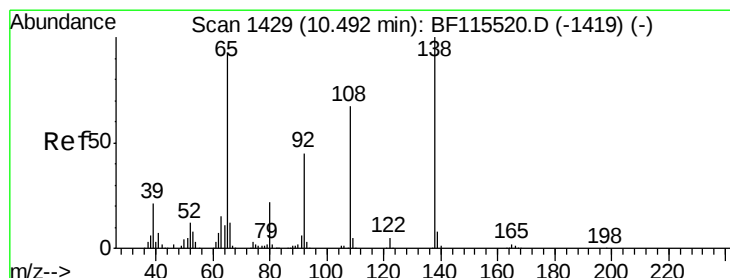
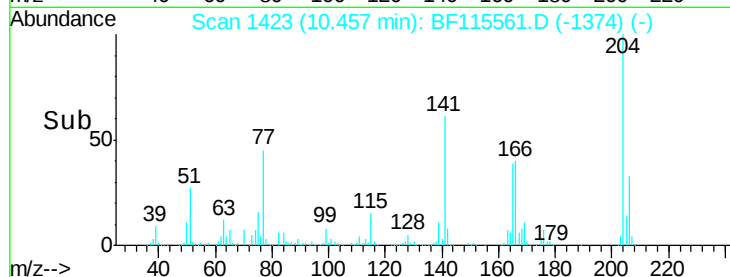
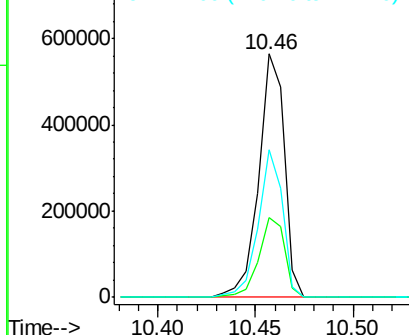
#61
4-Chlorophenyl-phenylether
Concen: 43.150 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 512335
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 60.6 44.2 66.2

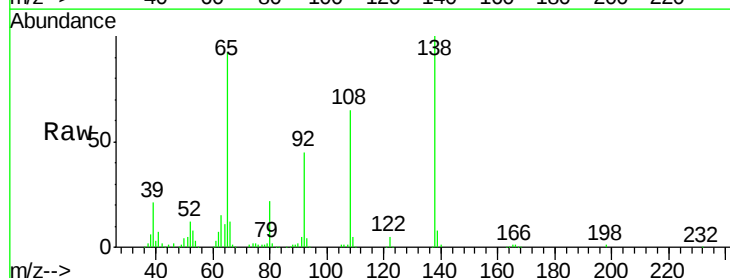


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

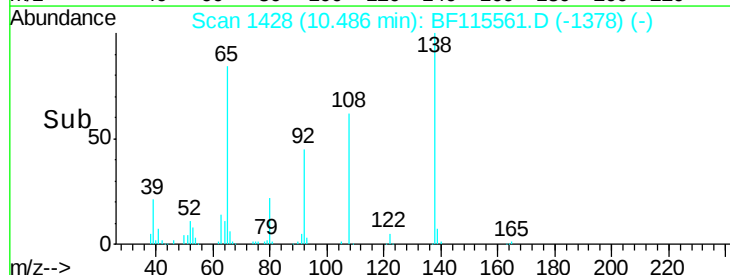
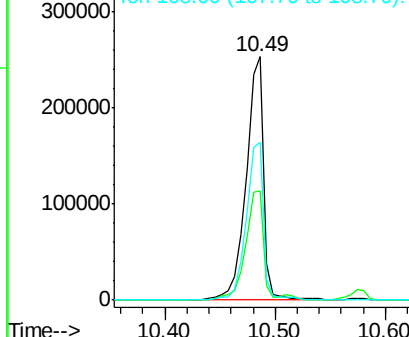


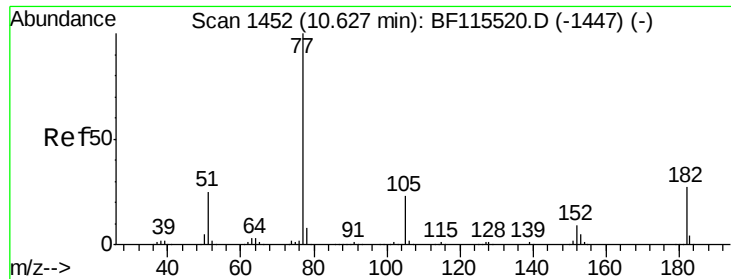
#62
4-Nitroaniline
Concen: 44.648 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:138 Resp: 283389
Ion Ratio Lower Upper
138 100
92 45.1 27.1 67.1
108 64.7 48.0 88.0



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

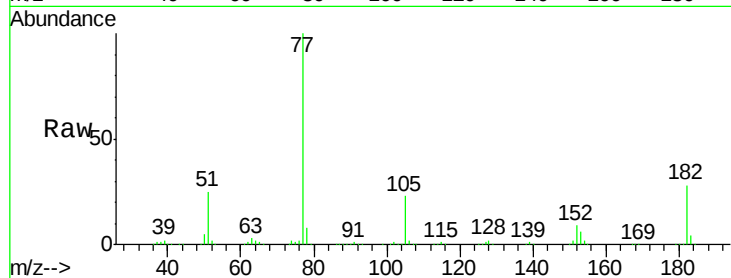




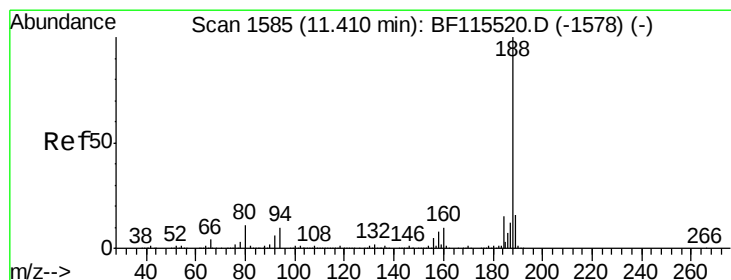
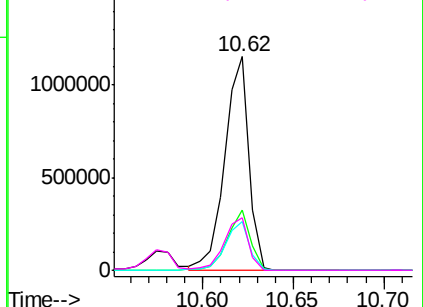
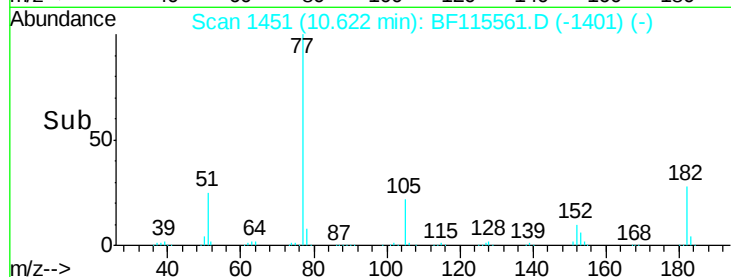
#63
Azobenzene
Concen: 45.926 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1063462
Ion Ratio Lower Upper
77 100
182 28.2 6.9 46.9
105 23.1 3.9 43.9
51 24.8 7.3 47.3

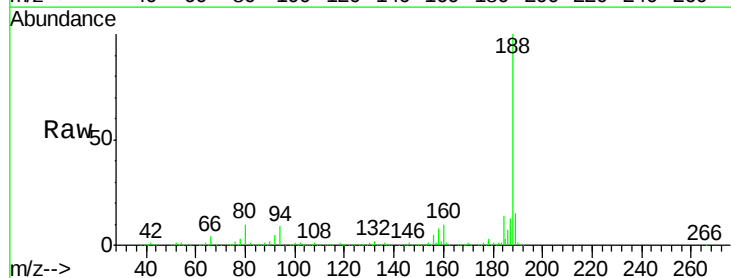


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

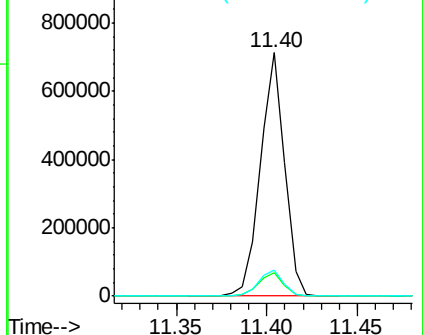
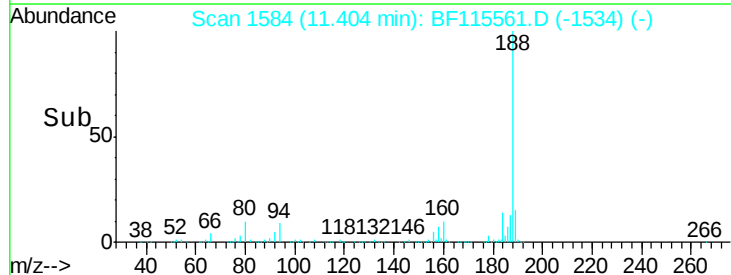


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion: 188 Resp: 660715
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.5 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: 47.261 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

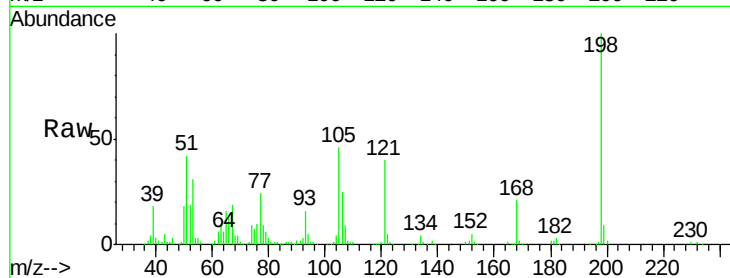
Tot Ion:198 Resp: 190782

Ion Ratio Lower Upper

198 100

51 41.9 19.1 59.1

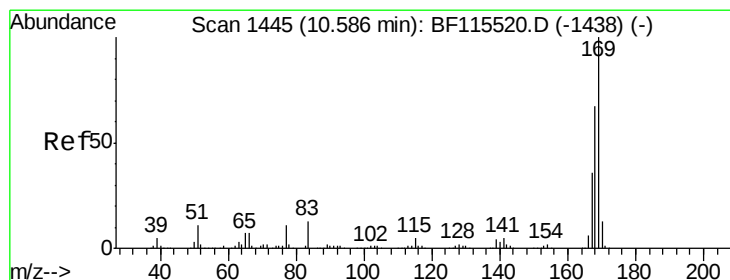
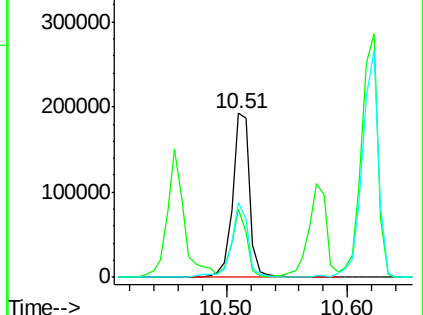
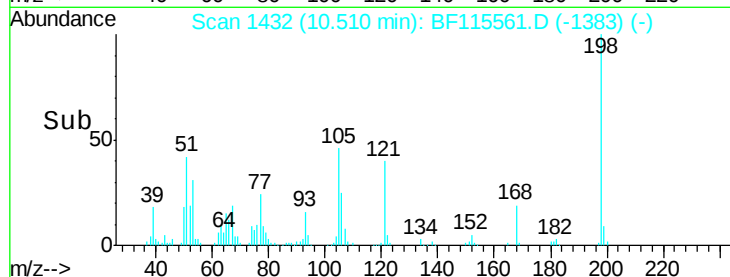
105 45.8 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.458 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

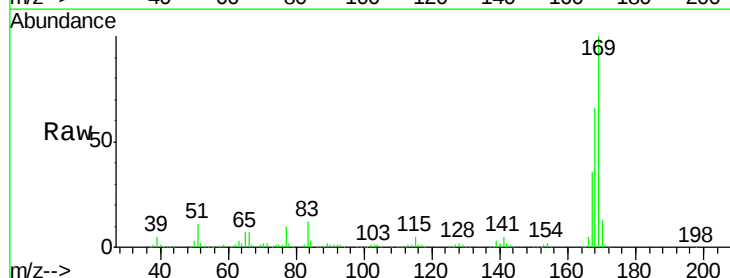
Tgt Ion:169 Resp: 934276

Ion Ratio Lower Upper

169 100

168 66.4 54.3 81.5

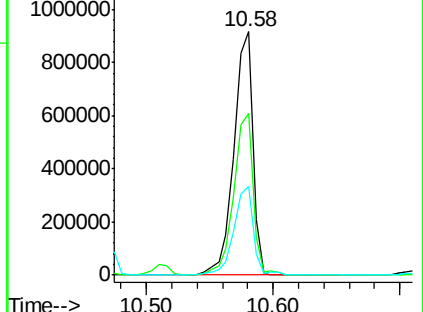
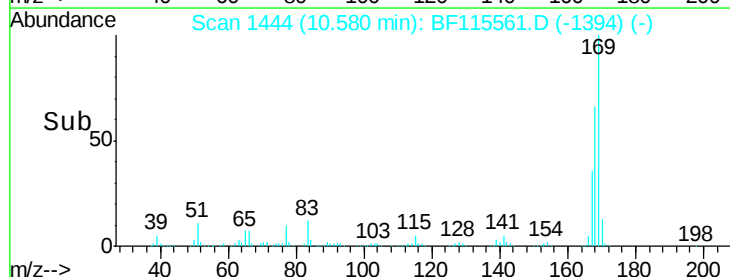
167 36.5 30.2 45.2

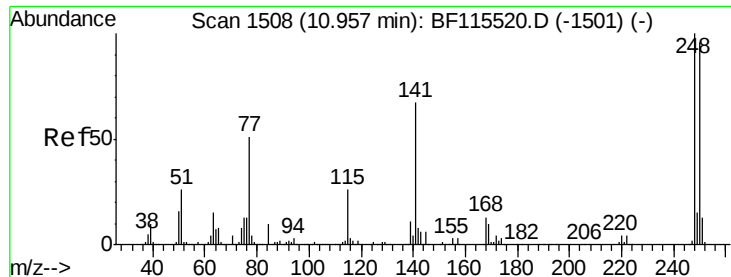


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

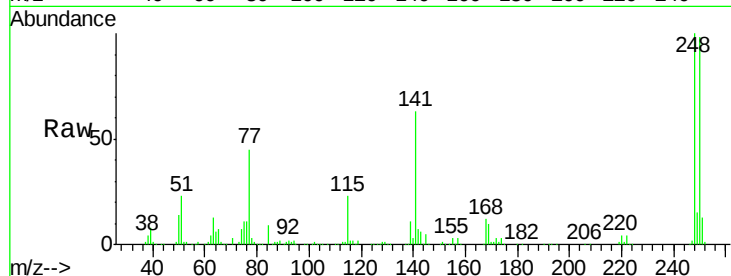




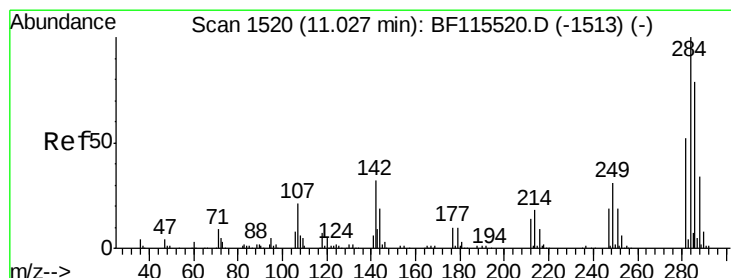
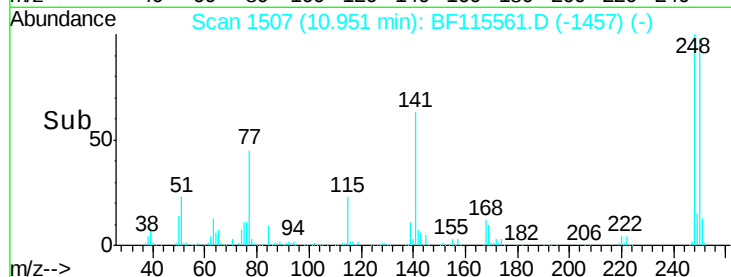
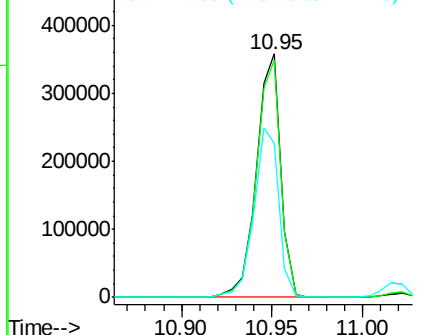
#67
4-Bromophenyl-phenylether
Concen: 44.002 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 332232
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 63.1 57.7 86.5

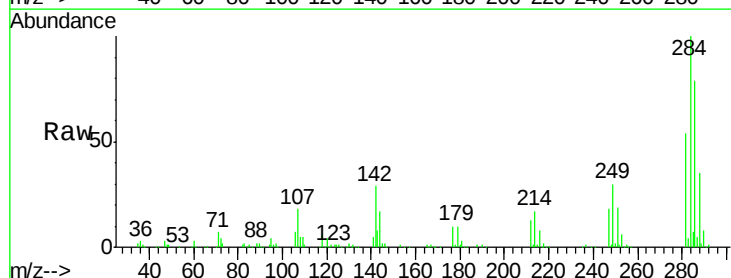


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

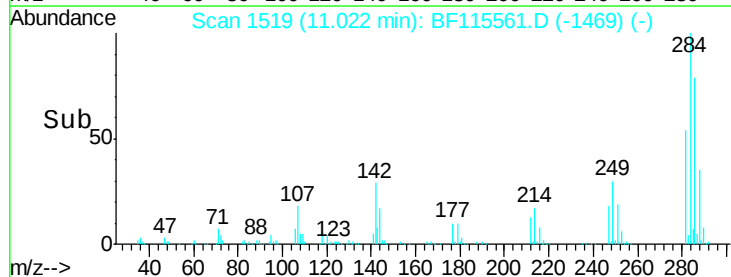
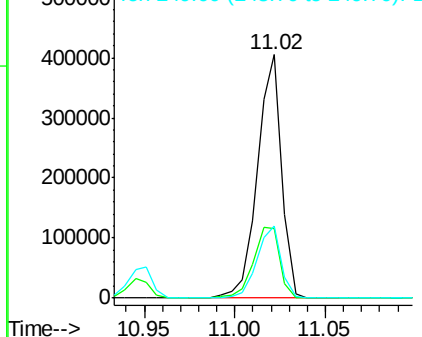


#68
Hexachlorobenzene
Concen: 43.378 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:284 Resp: 374030
Ion Ratio Lower Upper
284 100
142 28.6 22.2 33.2
249 29.7 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

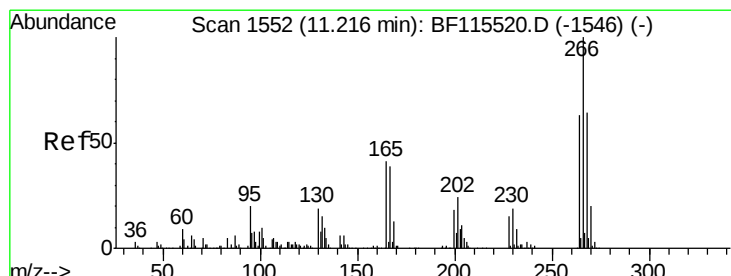
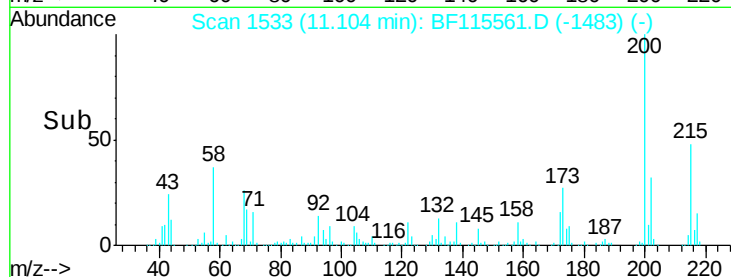
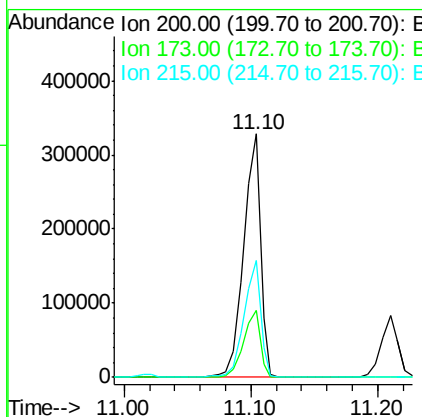
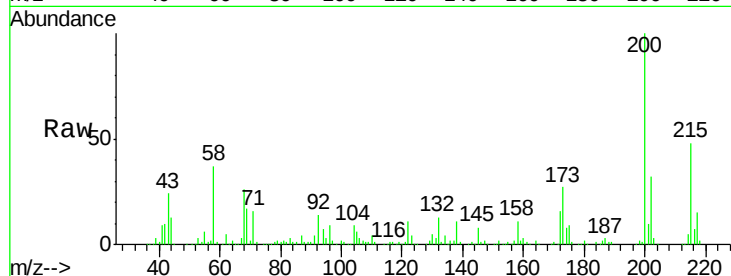




#69
 Atrazine
 Concen: 44.844 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

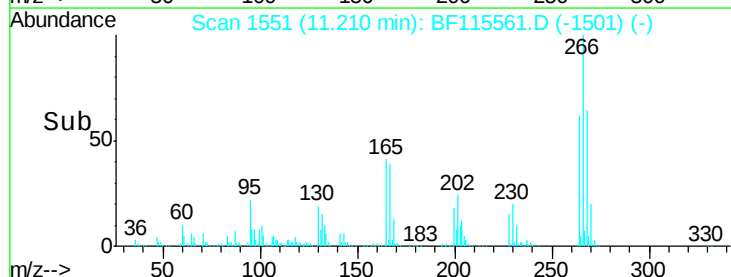
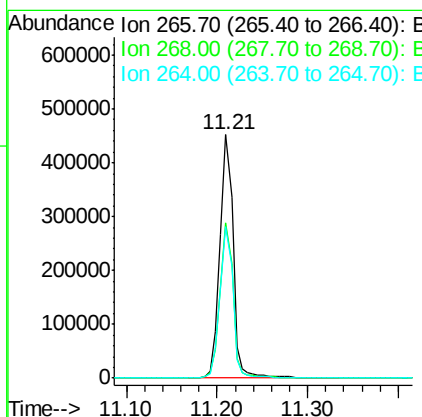
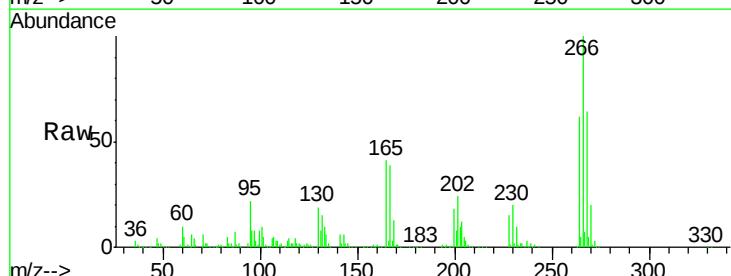
Instrument :
 BNA_F
 ClientSampleId :

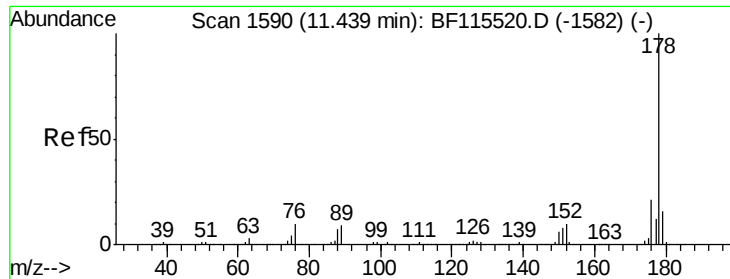
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.9	46.9
215	47.8	27.9	67.9



#70
 Pentachlorophenol
 Concen: 85.920 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115561.D
 Acq: 15 Jul 2019 17:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.6	77.4
264	62.3	50.6	76.0

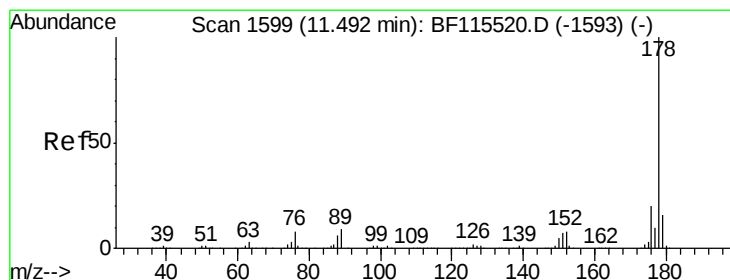
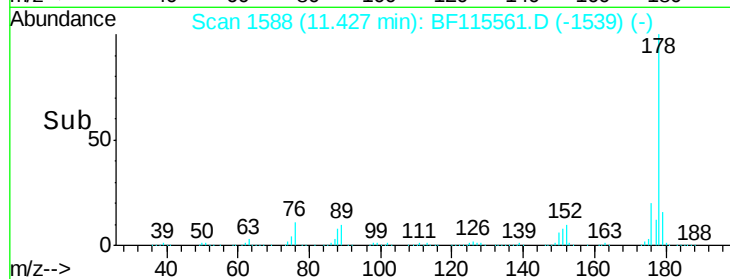
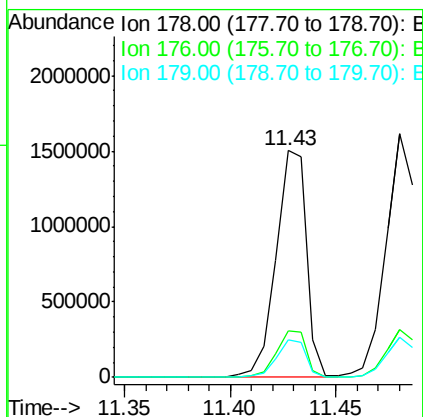
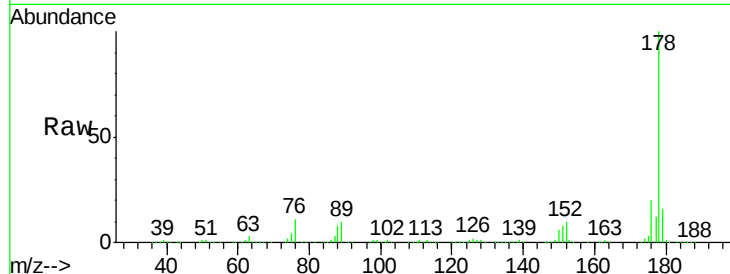




#71
Phenanthrene
Concen: 44.702 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

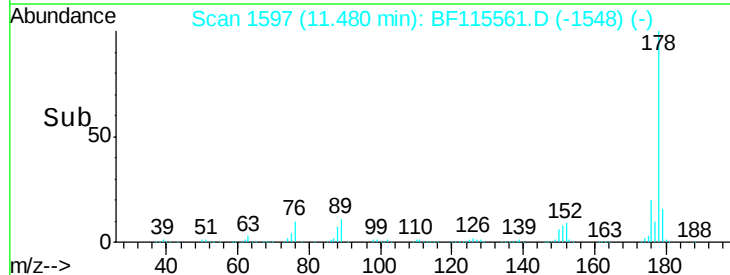
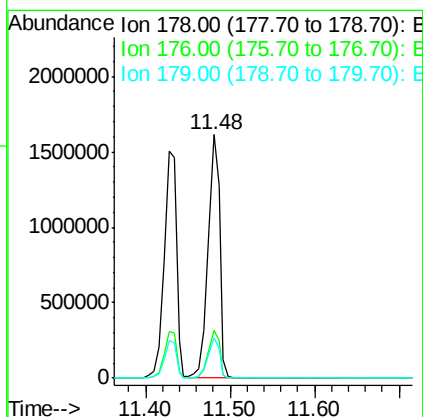
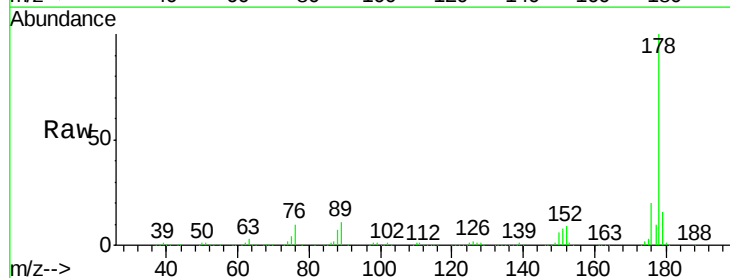
Instrument :
BNA_F
ClientSampleId :

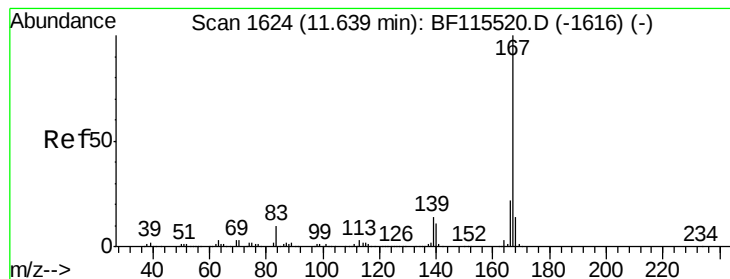
Tot Ion:178 Resp: 1513951
Ion Ratio Lower Upper
178 100
176 20.5 17.2 25.8
179 16.4 13.5 20.3



#72
Anthracene
Concen: 44.697 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:178 Resp: 1564441
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.2 12.7 19.1





#73

Carbazole

Concen: 44.870 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

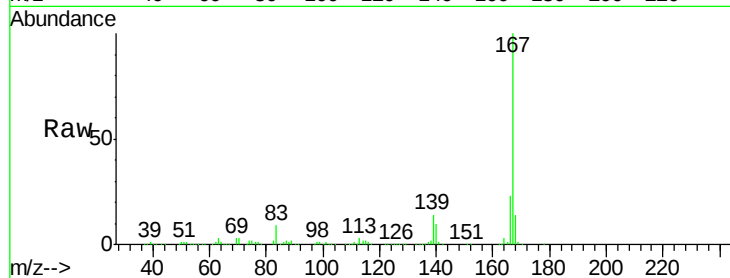
Tot Ion:167 Resp: 1377213

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

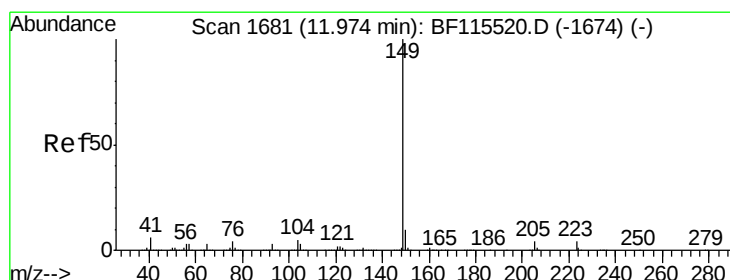
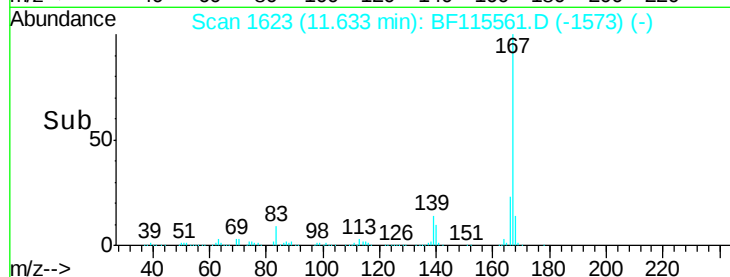
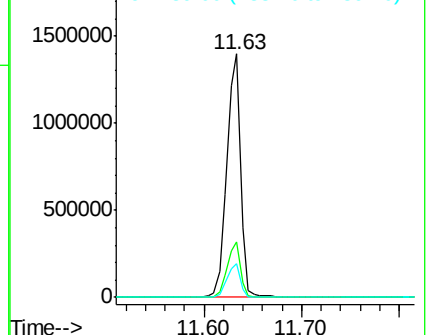
139 13.6 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.991 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

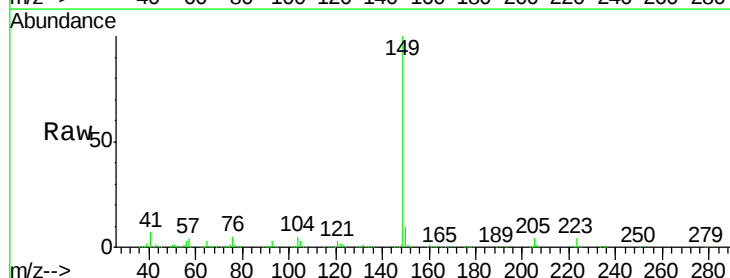
Tgt Ion:149 Resp: 1625369

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

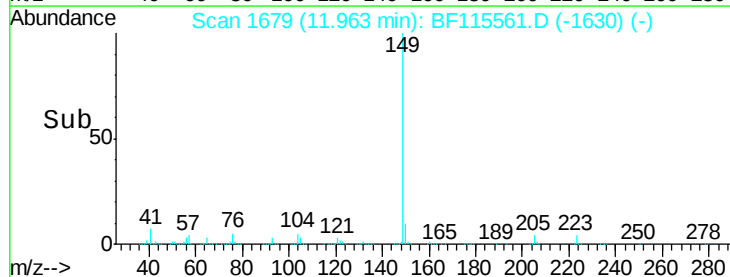
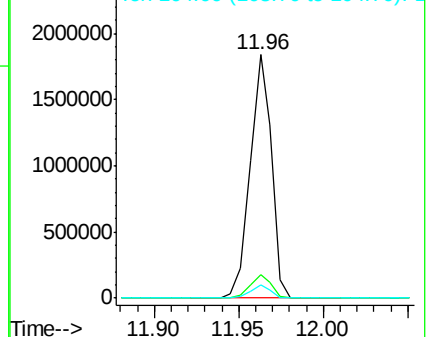
104 5.2 3.8 5.8

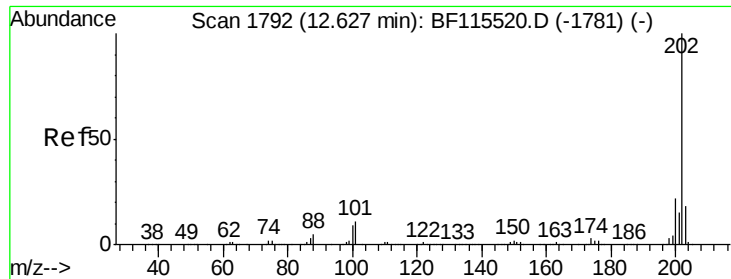


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

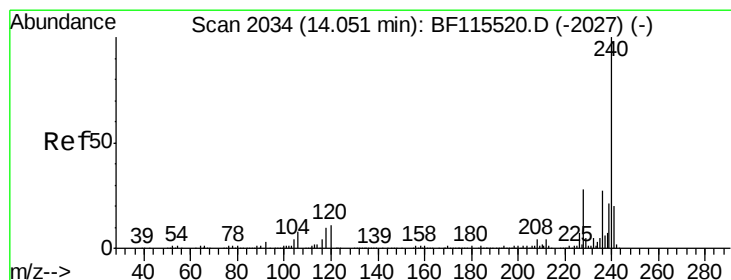
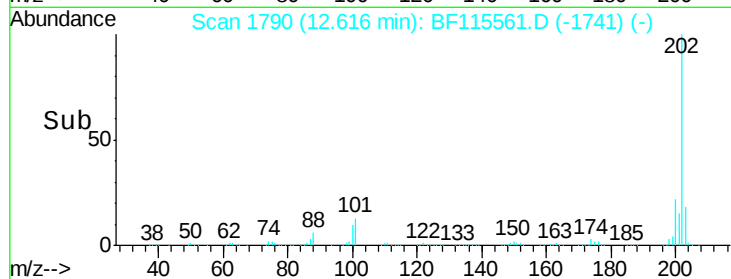
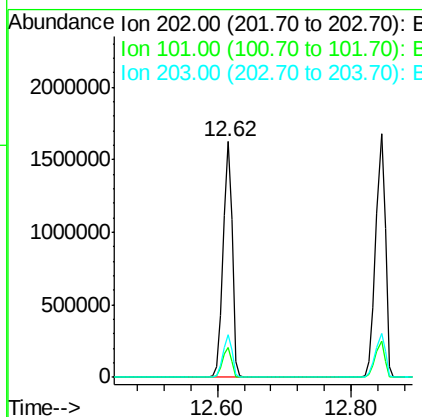
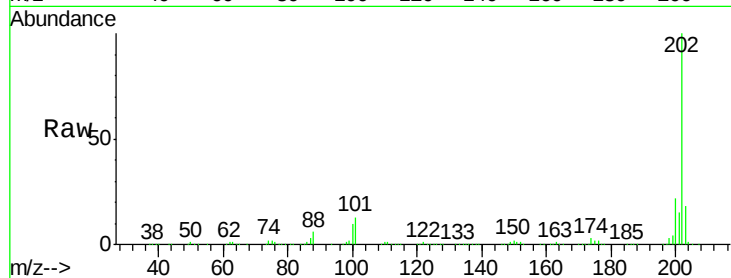




#75
Fluoranthene
Concen: 44.357 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

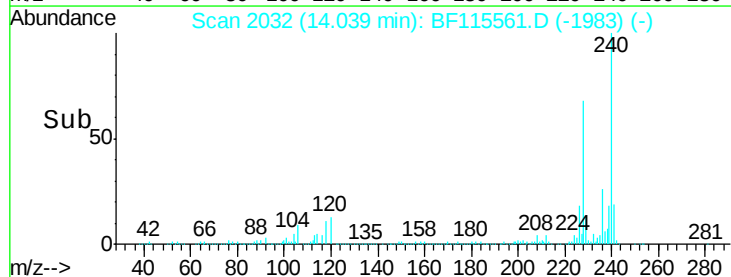
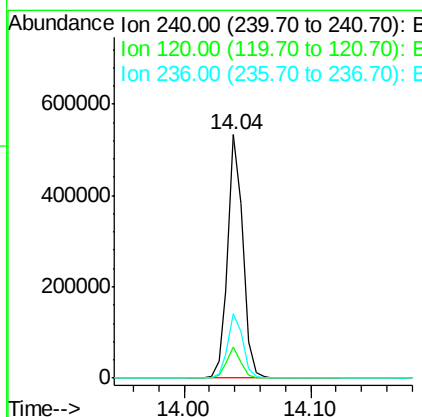
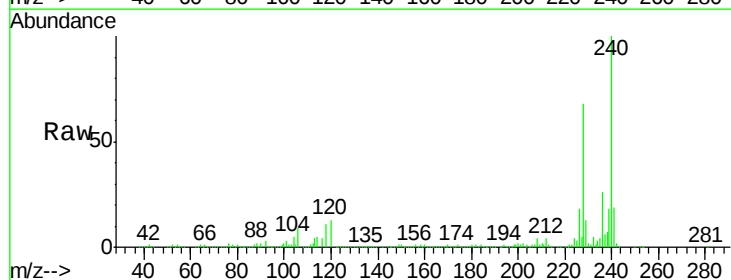
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1587502
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.4
203 18.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:240 Resp: 440808
Ion Ratio Lower Upper
240 100
120 12.6 8.6 13.0
236 26.3 21.3 31.9





#77

Benzidine

Concen: 53.329 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

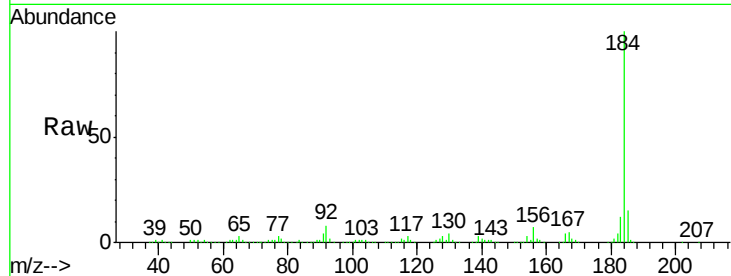
Tot Ion:184 Resp: 832767

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.0	18.0
183	11.7	9.3	13.9

184 100

185 15.2 12.0 18.0

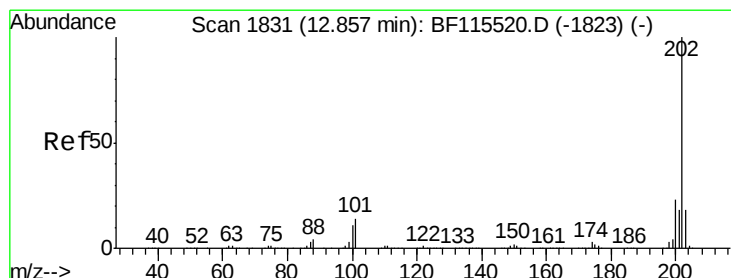
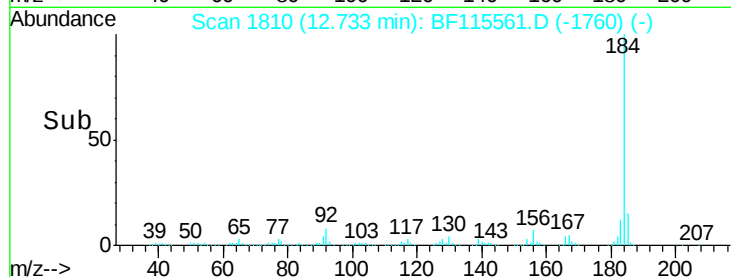
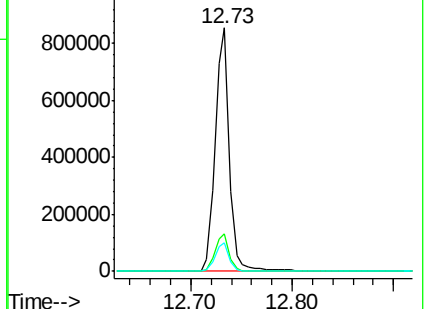
183 11.7 9.3 13.9



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: 42.867 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

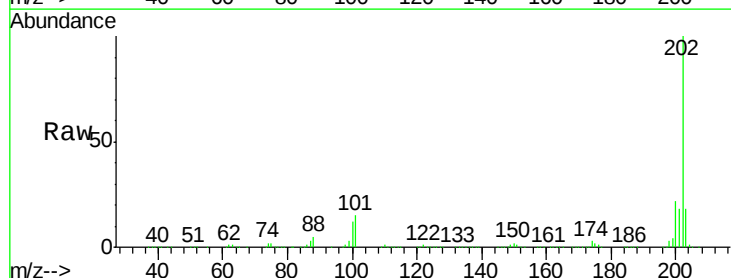
Tgt Ion:202 Resp: 1600938

Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.7	28.1
203	18.1	15.2	22.8

202 100

200 22.3 18.7 28.1

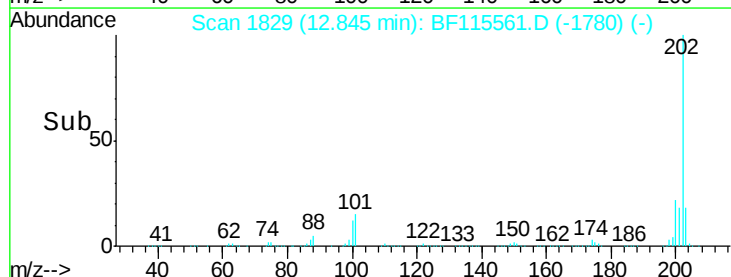
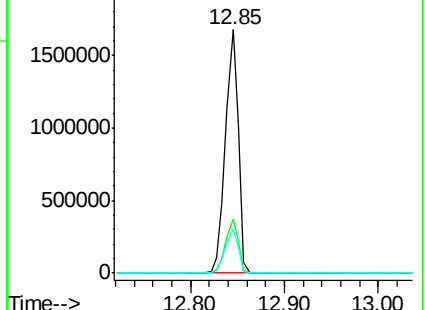
203 18.1 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.269 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

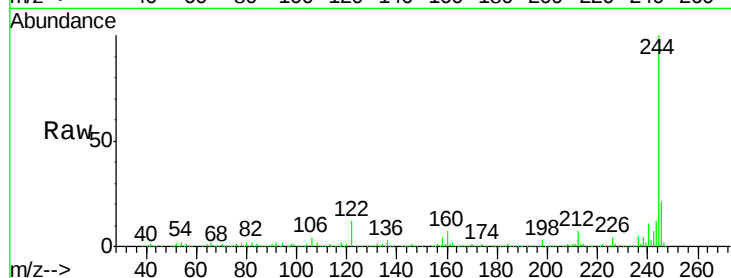
Tot Ion:244 Resp: 2060946

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

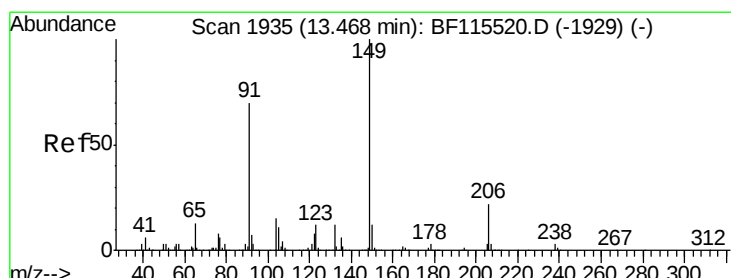
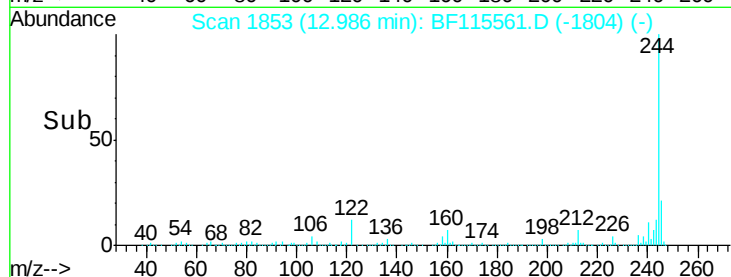
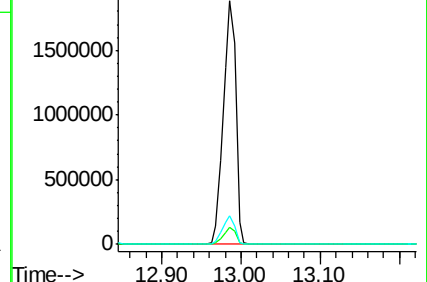
122 11.8 8.6 12.8



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: 42.979 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

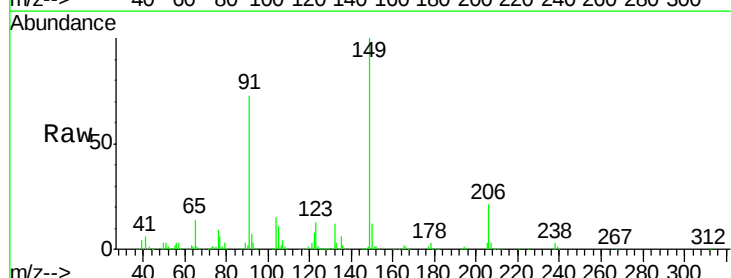
Tgt Ion:149 Resp: 684253

Ion Ratio Lower Upper

149 100

91 72.9 55.8 83.8

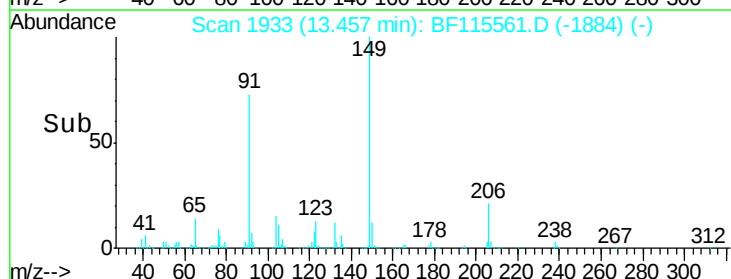
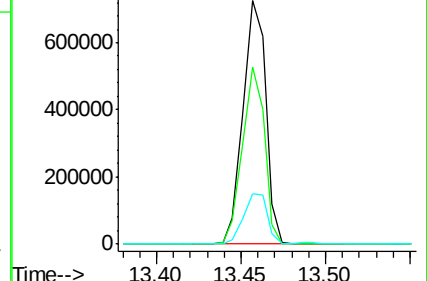
206 20.7 18.2 27.2



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

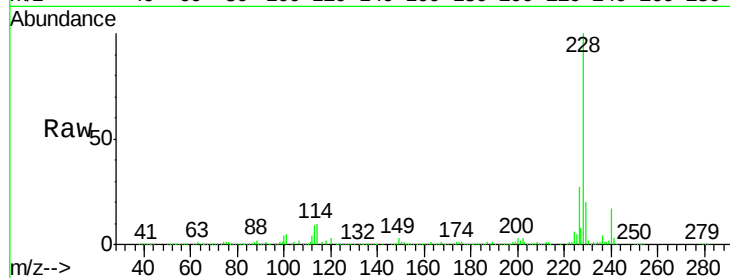




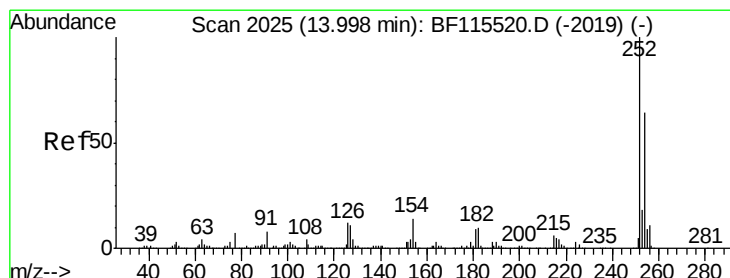
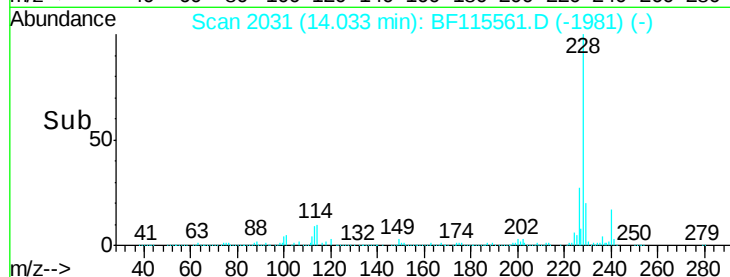
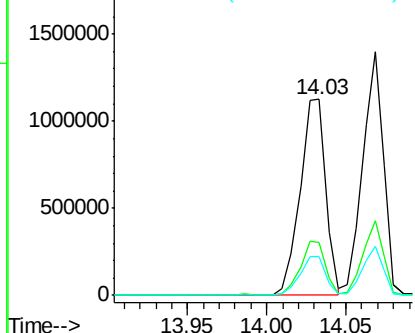
#81
Benzo(a)anthracene
Concen: 43.294 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1257288
Ion Ratio Lower Upper
228 100
226 27.2 23.4 35.0
229 19.9 17.2 25.8

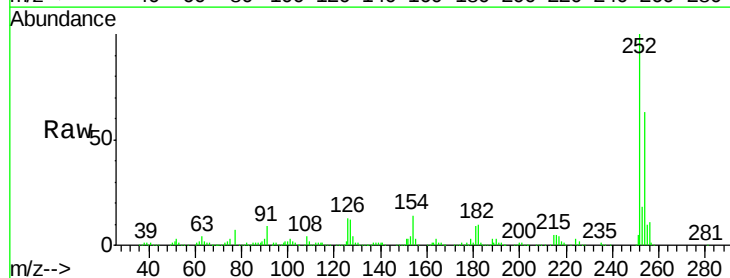


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

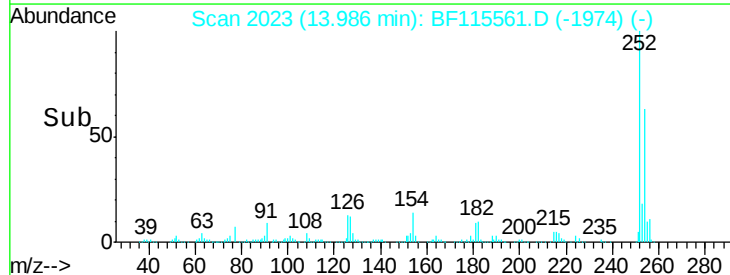
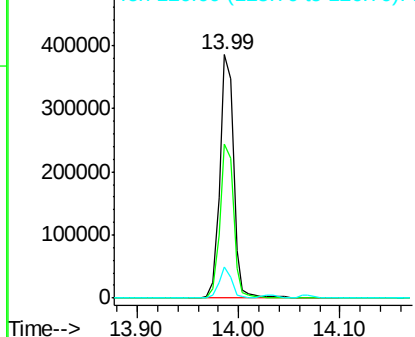


#82
3,3'-Dichlorobenzidine
Concen: 35.504 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:252 Resp: 366532
Ion Ratio Lower Upper
252 100
254 63.3 52.9 79.3
126 13.0 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: 44.580 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

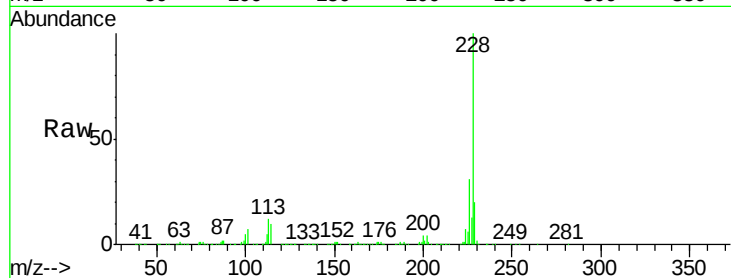
Tot Ion:228 Resp: 1299627

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

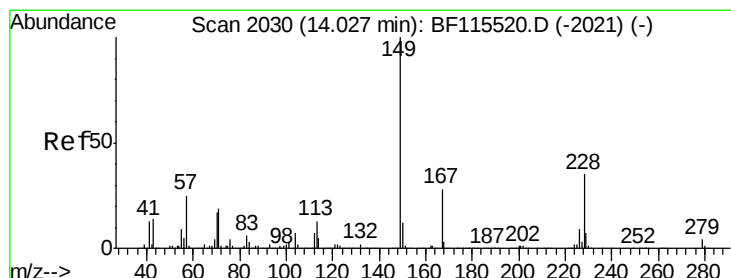
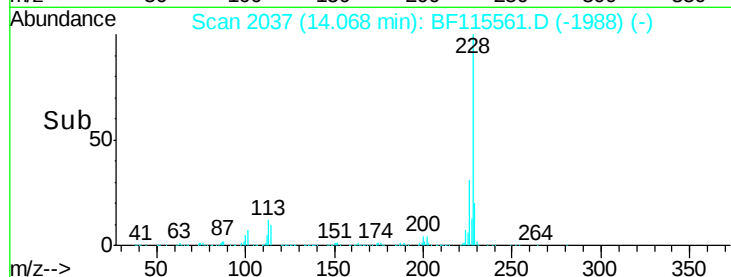
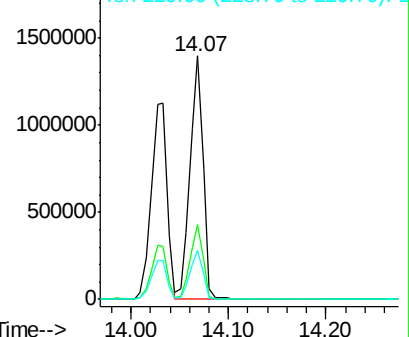
229 20.4 16.6 25.0



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: 43.095 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

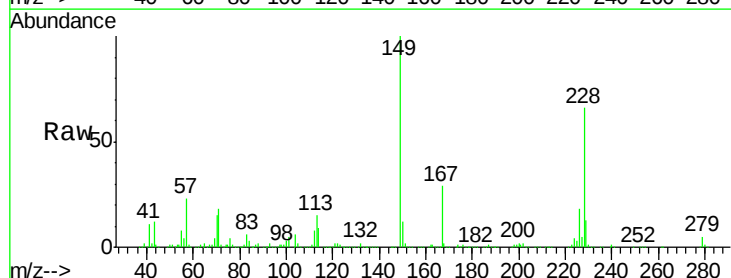
Tgt Ion:149 Resp: 849861

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.4

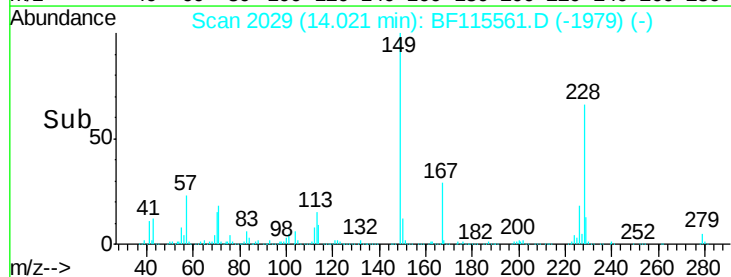
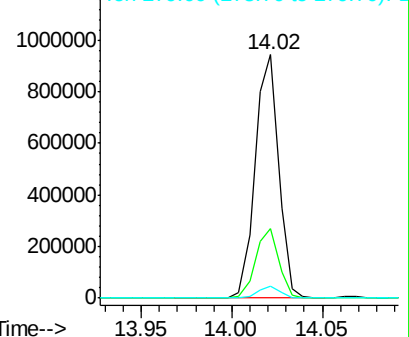
279 5.0 4.2 6.2

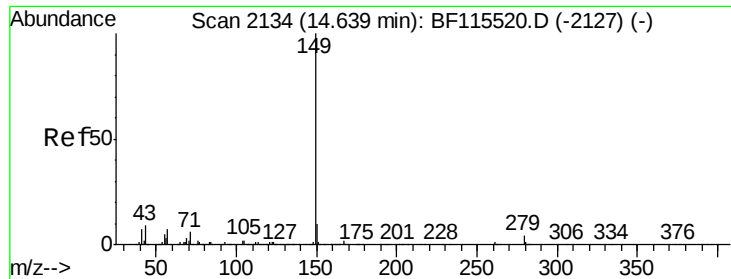


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

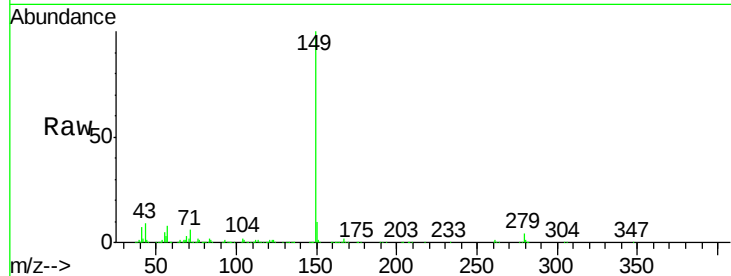




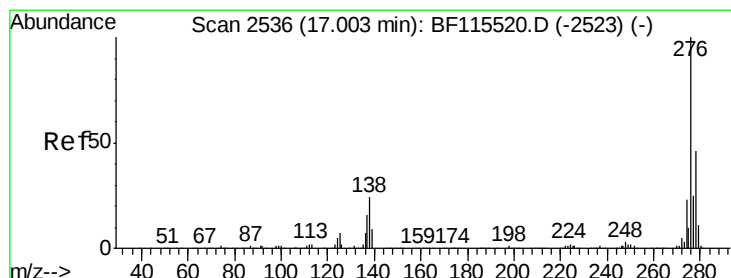
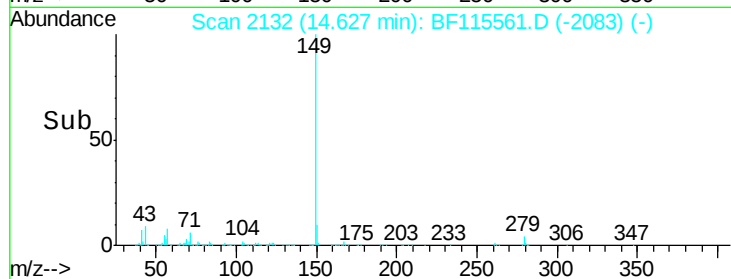
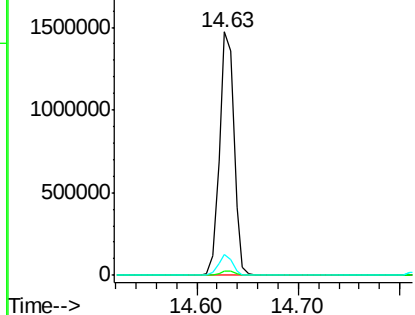
#85
Di-n-octyl phthalate
Concen: 46.599 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1462168
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.2 7.2 10.8

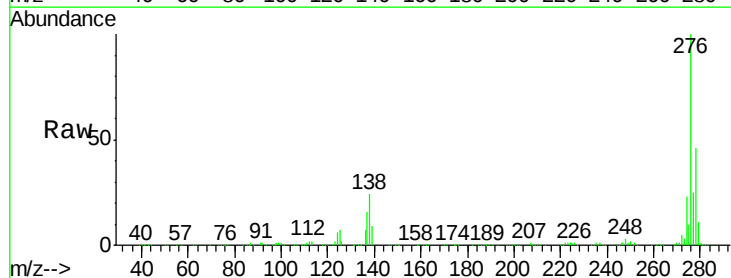


Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

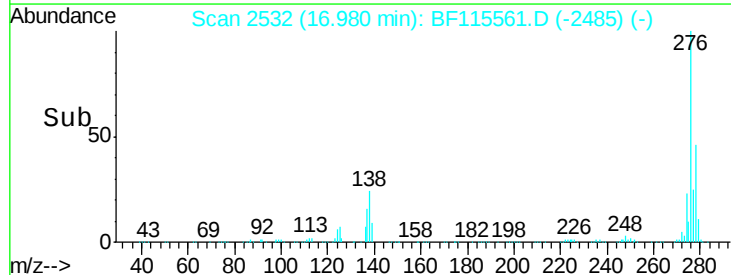
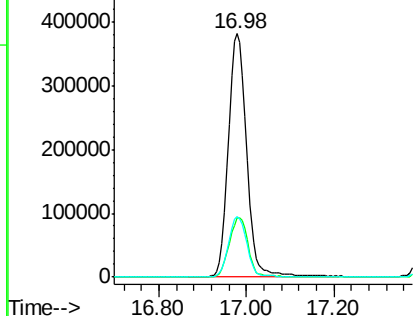


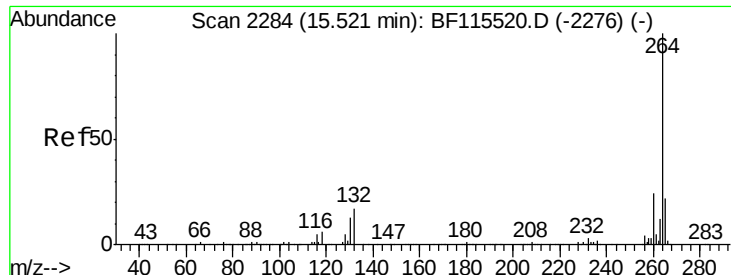
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.750 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:276 Resp: 1108348
Ion Ratio Lower Upper
276 100
138 25.3 20.2 30.2
277 25.0 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E
500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



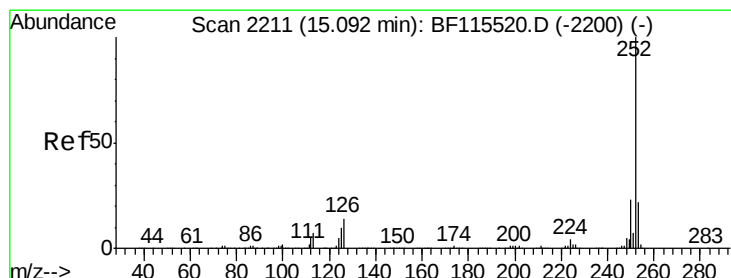
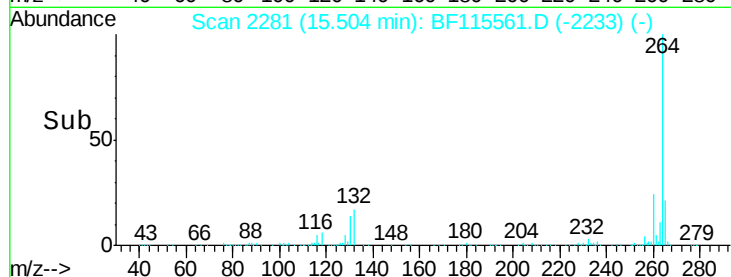
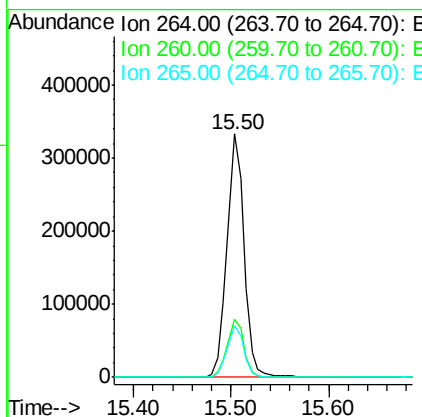
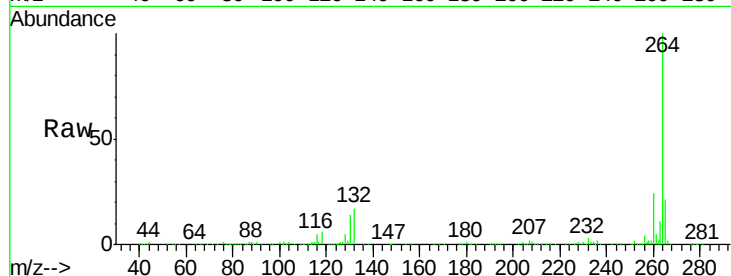


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 409630

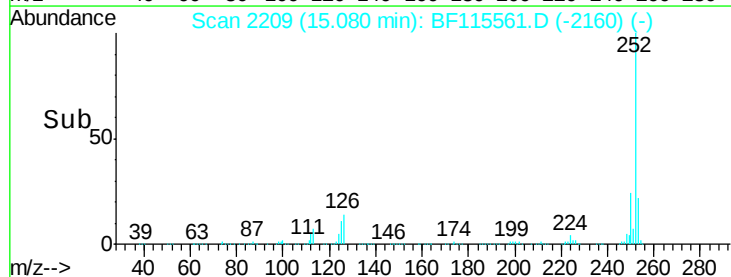
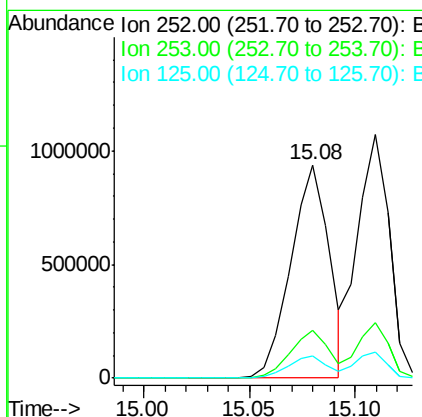
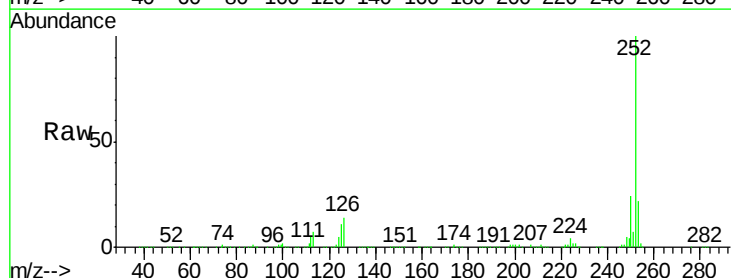
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.1	17.7	26.5

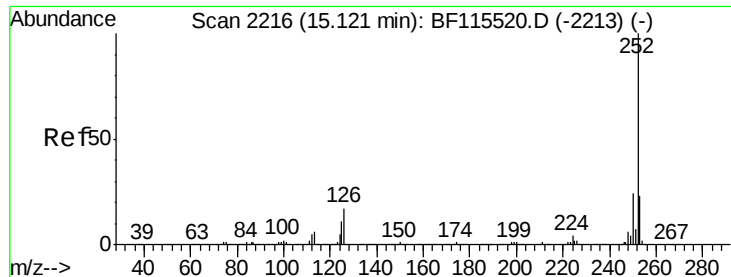


#88
Benzo(b)fluoranthene
Concen: 44.926 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:252 Resp: 1184994

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.5	9.0	13.4

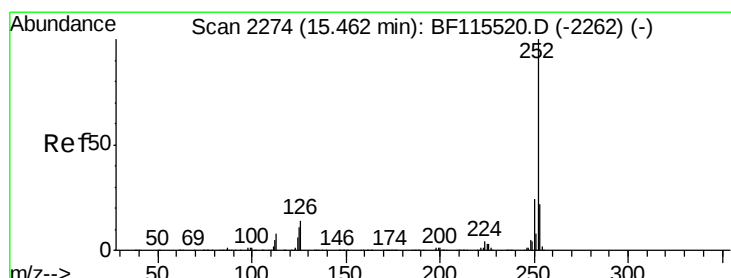
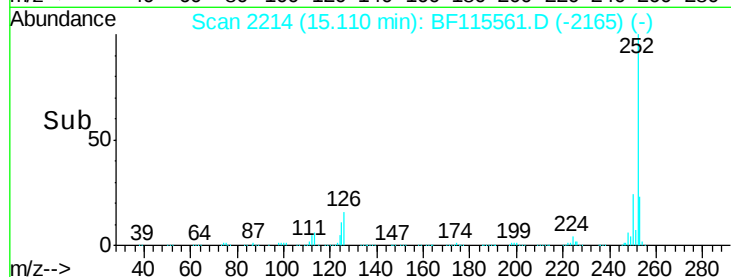
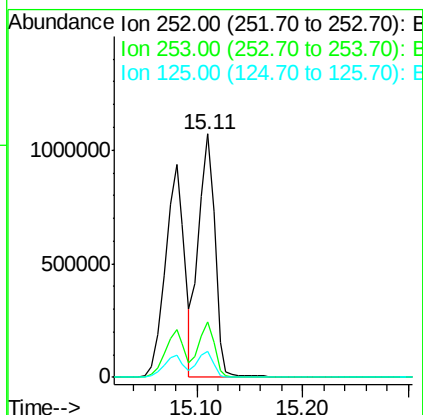
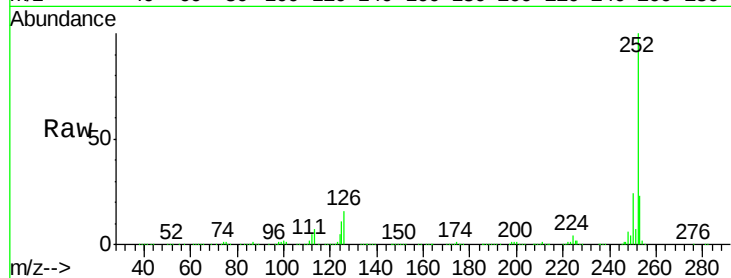




#89
Benzo(k)fluoranthene
Concen: 48.802 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

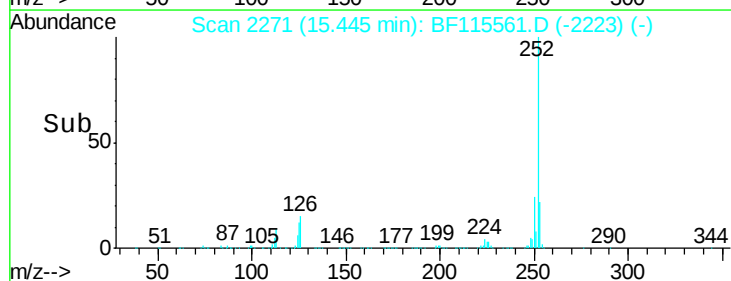
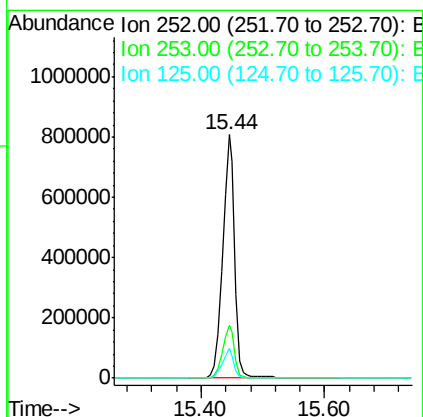
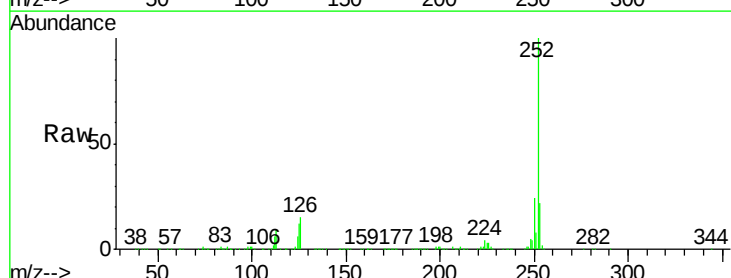
Instrument :
BNA_F
ClientSampled :

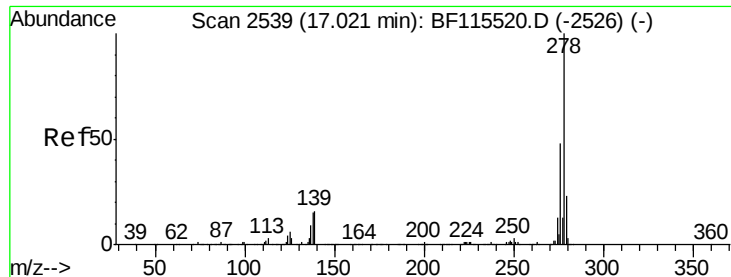
Tot Ion:252 Resp: 1147644
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 10.8 9.0 13.6



#90
Benzo(a)pyrene
Concen: 48.242 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115561.D
Acq: 15 Jul 2019 17:26

Tgt Ion:252 Resp: 1093685
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 12.2 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 46.110 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA_F

ClientSampleId :

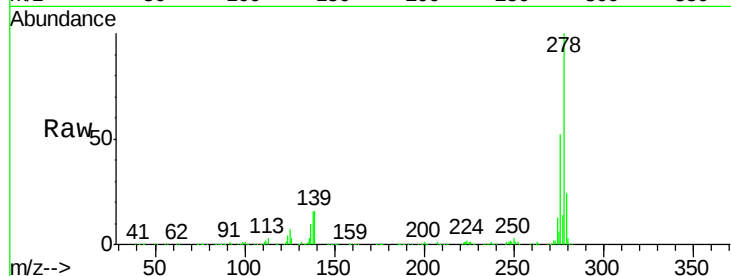
Tot Ion:278 Resp: 917715

Ion Ratio Lower Upper

278 100

139 16.1 13.1 19.7

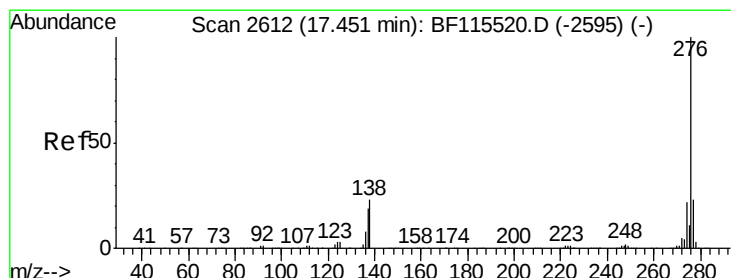
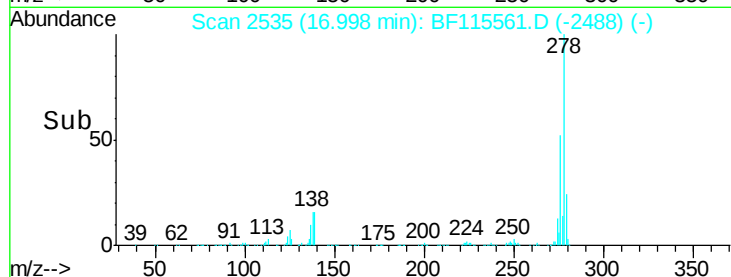
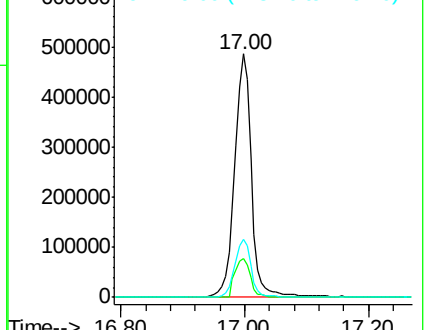
279 23.8 19.6 29.4



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: 43.972 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

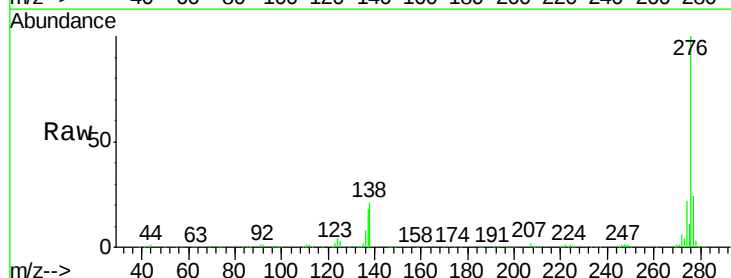
Tgt Ion:276 Resp: 872818

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 21.1 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

