

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115493.D
 Acq On : 11 Jul 2019 10:42
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:09:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	196132	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	822992	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	408480	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	786386	20.00	ng	0.00
76) Chrysene-d12	14.06	240	507722	20.00	ng	0.00
87) Perylene-d12	15.54	264	492136	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	924946	72.86	ng	0.00
7) Phenol-d6	6.53	99	1194328	73.98	ng	0.00
23) Nitrobenzene-d5	7.46	82	1102013	79.11	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	373513	82.70	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1883181	80.90	ng	0.00
79) Terphenyl-d14	13.01	244	2038209	82.20	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	223392	35.877	ng	100
3) Pyridine	3.46	79	612914	35.598	ng	99
4) n-Nitrosodimethylamine	3.41	42	224962	32.221	ng	100
6) Aniline	6.56	93	840504	36.892	ng	99
8) 2-Chlorophenol	6.69	128	548652	38.276	ng	94
9) Benzaldehyde	6.45	77	360363	38.488	ng	98
10) Phenol	6.54	94	701798	36.331	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	522432	36.457	ng	99
12) 1,3-Dichlorobenzene	6.84	146	601852	38.325	ng	99
13) 1,4-Dichlorobenzene	6.92	146	605534	38.495	ng	100
14) 1,2-Dichlorobenzene	7.07	146	559739	38.434	ng	98
15) Benzyl Alcohol	7.03	79	493003	38.054	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	707007	35.285	ng	99
17) 2-Methylphenol	7.15	107	468223	38.129	ng	99
18) Hexachloroethane	7.42	117	224945	38.387	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	387696	35.495	ng	98
20) 3+4-Methylphenols	7.30	107	547631	37.753	ng	98
22) Acetophenone	7.31	105	716395	36.327	ng	# 93
24) Nitrobenzene	7.48	77	601140	38.213	ng	98
25) Isophorone	7.72	82	1094440	36.249	ng	100
26) 2-Nitrophenol	7.79	139	311531	48.169	ng	98
27) 2,4-Dimethylphenol	7.83	122	433925	35.186	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	681088	36.583	ng	99
29) 2,4-Dichlorophenol	8.03	162	478470	38.953	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	533852	39.040	ng	99
31) Naphthalene	8.20	128	1551701	37.959	ng	100
32) Benzoic acid	7.95	122	272986	32.603	ng	99
33) 4-Chloroaniline	8.25	127	699373	38.345	ng	99
34) Hexachlorobutadiene	8.33	225	305175	39.353	ng	100
35) Caprolactam	8.63	113	132355	33.084	ng	98
36) 4-Chloro-3-methylphenol	8.73	107	497413	38.285	ng	98
37) 2-Methylnaphthalene	8.89	142	1037958	37.988	ng	99
38) 1-Methylnaphthalene	8.99	142	985542	37.804	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	475314	40.447	ng	99

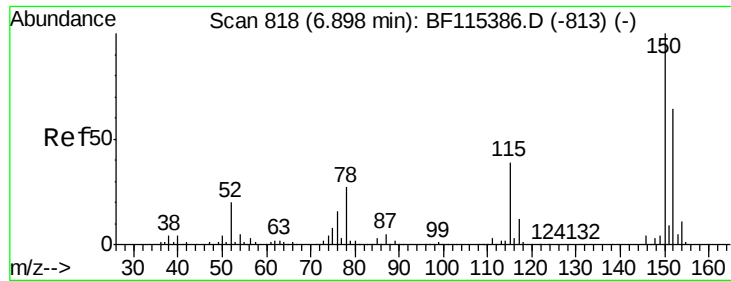
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115493.D
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 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	252699	37.101	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	348138	40.693	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	358514	40.413	ng	97
46) 1,1'-Biphenyl	9.36	154	1239270	38.591	ng	99
47) 2-Chloronaphthalene	9.39	162	1033268	38.932	ng	100
48) 2-Nitroaniline	9.47	65	328075	42.074	ng	99
49) Acenaphthylene	9.80	152	1531044	38.101	ng	100
50) Dimethylphthalate	9.66	163	1204259	39.279	ng	99
51) 2,6-Dinitrotoluene	9.72	165	276970	41.654	ng	98
52) Acenaphthene	9.97	154	982234	38.839	ng	100
53) 3-Nitroaniline	9.89	138	324442	42.011	ng	99
54) 2,4-Dinitrophenol	9.99	184	131298	49.905	ng	99
55) Dibenzofuran	10.15	168	1365303	38.325	ng	100
56) 4-Nitrophenol	10.04	139	246238	41.211	ng	93
57) 2,4-Dinitrotoluene	10.12	165	369945	43.778	ng	89
58) Fluorene	10.49	166	1006980	35.858	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	311449	40.640	ng	99
60) Diethylphthalate	10.36	149	1152880	38.203	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	524073	38.235	ng	100
62) 4-Nitroaniline	10.50	138	315958	41.680	ng	97
63) Azobenzene	10.64	77	1119802	35.998	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	182046	48.292	ng	99
66) n-Nitrosodiphenylamine	10.59	169	959954	38.743	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	349392	39.596	ng	98
68) Hexachlorobenzene	11.04	284	398392	40.236	ng	99
69) Atrazine	11.12	200	307240	40.067	ng	100
70) Pentachlorophenol	11.23	266	245267	40.646	ng	99
71) Phenanthrene	11.45	178	1558457	37.682	ng	99
72) Anthracene	11.50	178	1597553	38.521	ng	99
73) Carbazole	11.65	167	1421480	37.465	ng	99
74) Di-n-butylphthalate	11.98	149	1713779	37.375	ng	99
75) Fluoranthene	12.63	202	1610836	36.991	ng	99
77) Benzidine	12.75	184	712794	36.001	ng	99
78) Pyrene	12.86	202	1624086	41.134	ng	99
80) Butylbenzylphthalate	13.48	149	702193	40.705	ng	95
81) Benzo(a)anthracene	14.05	228	1298313	39.909	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	470461	39.855	ng	100
83) Chrysene	14.09	228	1313636	39.301	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	861105	40.307	ng	99
85) Di-n-octyl phthalate	14.65	149	1439281	37.844	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1227281	44.805	ng	99
88) Benzo(b)fluoranthene	15.10	252	1251630	39.062	ng	100
89) Benzo(k)fluoranthene	15.14	252	1089564	38.235	ng	99
90) Benzo(a)pyrene	15.48	252	1079184	39.049	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	1001503	42.407	ng	99
92) Benzo(g,h,i)perylene	17.48	276	982543	43.955	ng	99

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

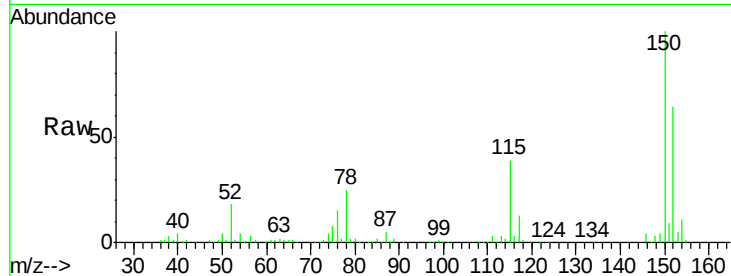


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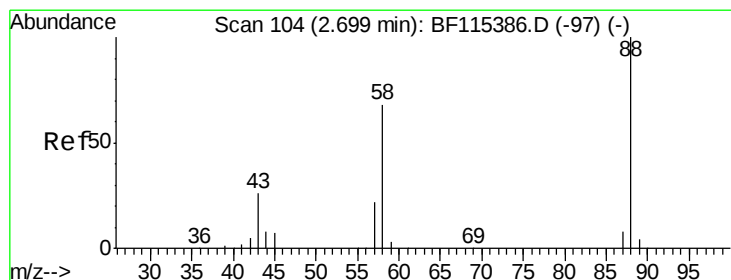
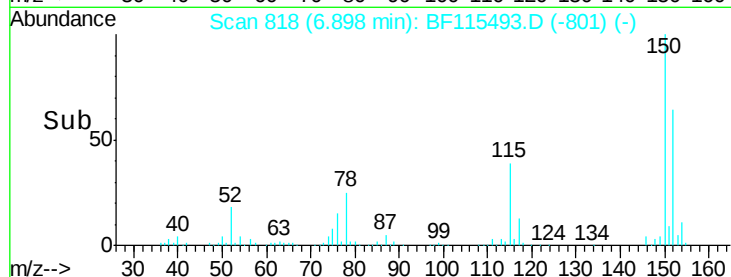
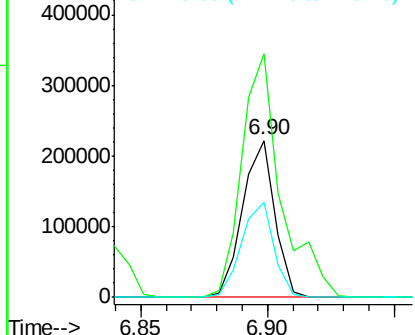
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 196132
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.2
115 60.3 46.2 69.4



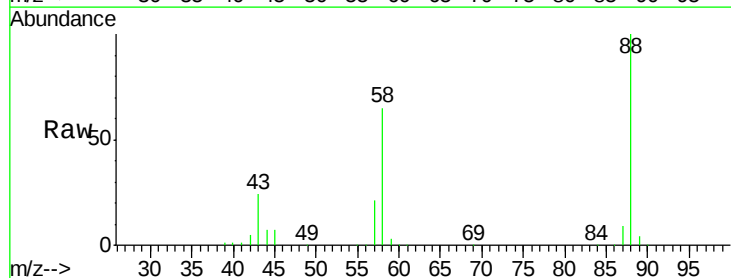
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



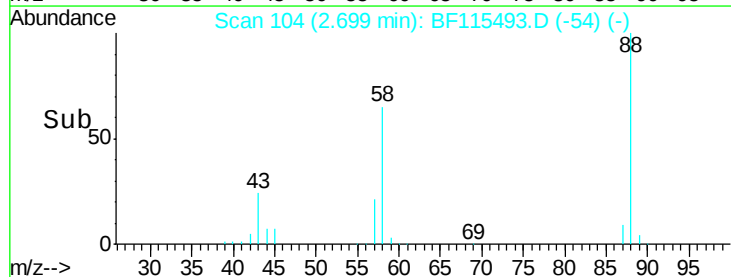
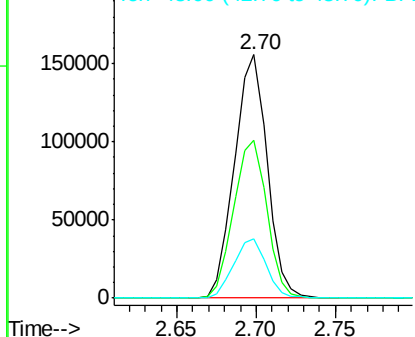
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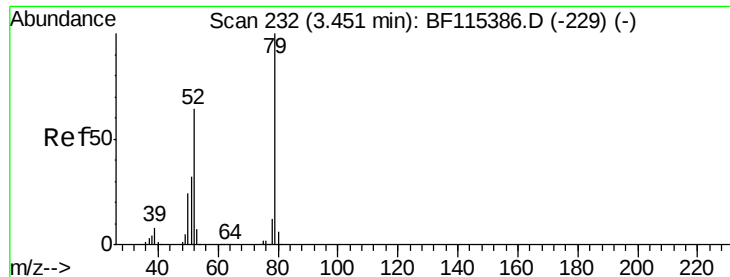
1,4-Dioxane
Concen: 35.877 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.01 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion: 88 Resp: 223392
Ion Ratio Lower Upper
88 100
58 65.6 52.5 78.7
43 24.2 19.0 28.6



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

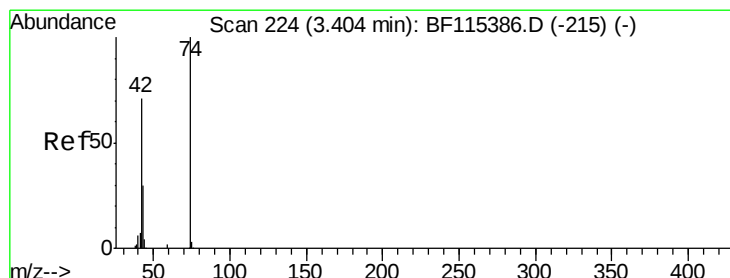
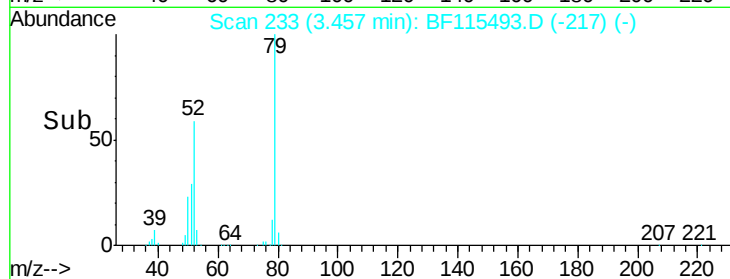
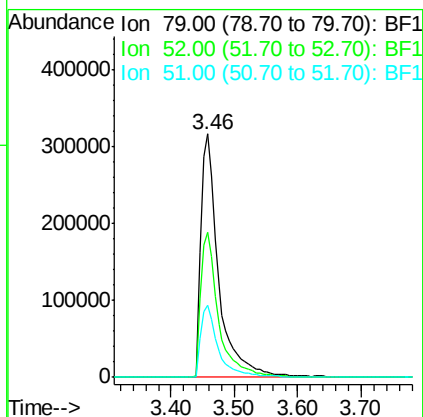
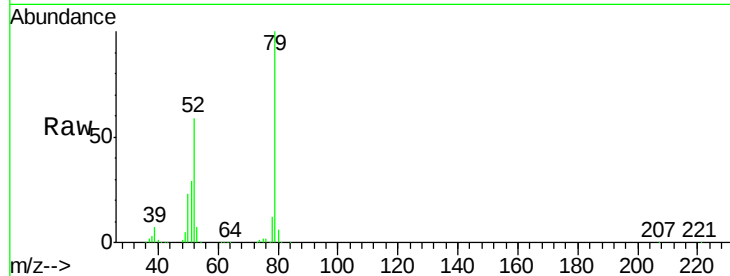




#3
 Pvridine
 Concen: 35.598 ng
 RT: 3.46 min Scan# 233
 Delta R.T. -0.01 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

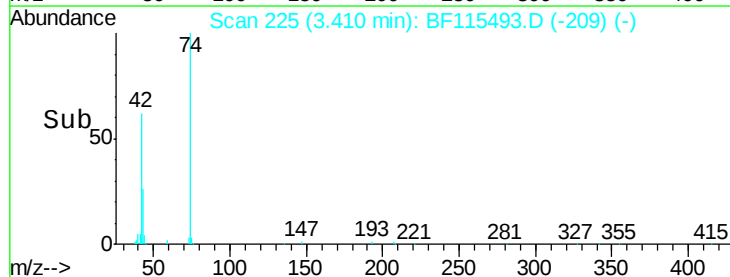
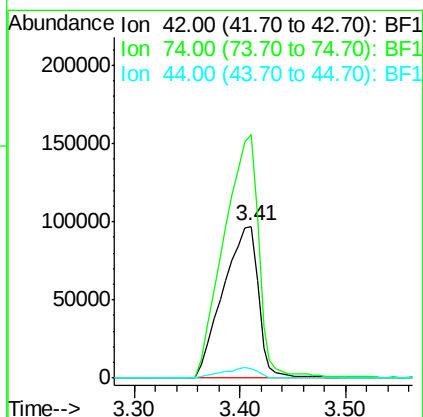
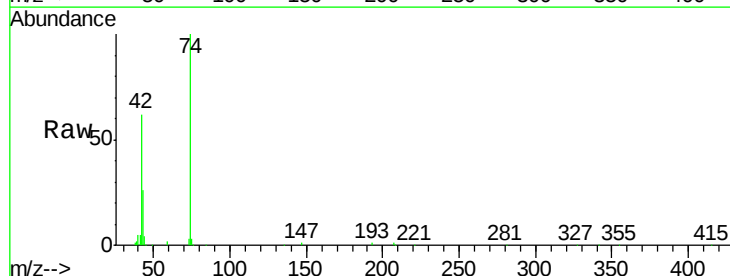
Instrument :
 BNA_F
 ClientSampleId :

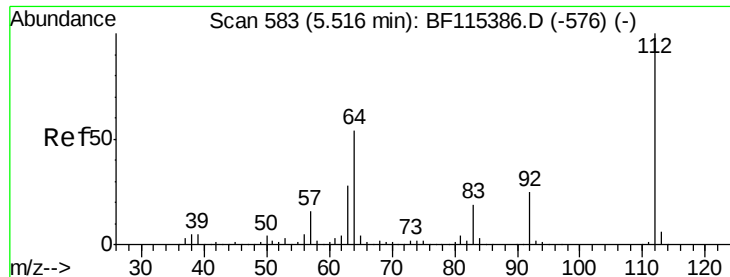
Tot Ion: 79 Resp: 612914
 Ion Ratio Lower Upper
 79 100
 52 59.4 48.2 72.2
 51 29.4 23.2 34.8



#4
 n-Nitrosodimethylamine
 Concen: 32.221 ng
 RT: 3.41 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Tgt Ion: 42 Resp: 224962
 Ion Ratio Lower Upper
 42 100
 74 160.5 128.5 192.7
 44 6.3 5.3 7.9





#5

2-Fluorophenol

Concen: 72.863 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampled :

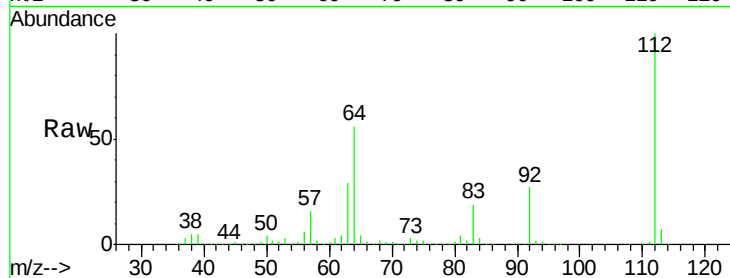
Tot Ion:112 Resp: 924946

Ion Ratio Lower Upper

112 100

64 55.9 44.2 66.2

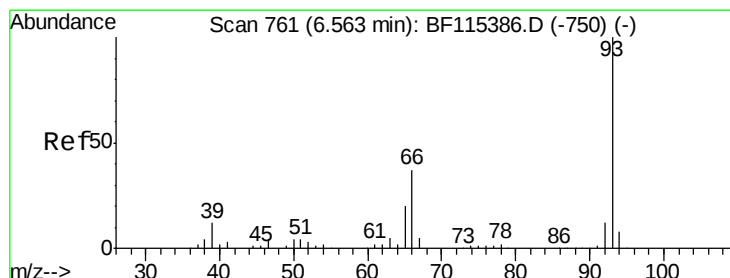
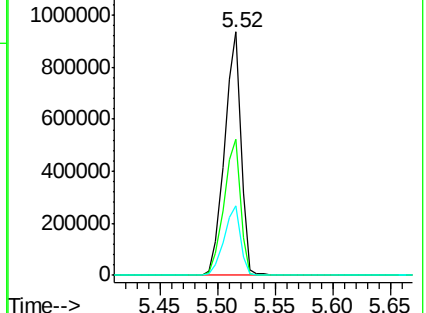
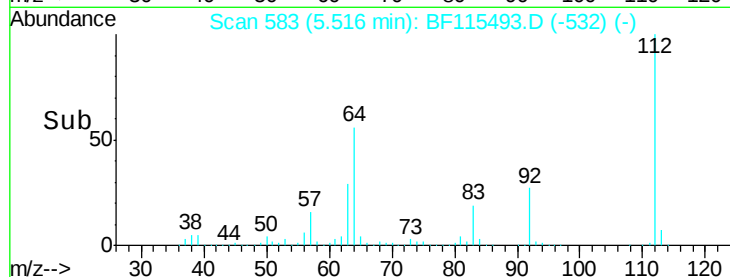
63 28.7 22.1 33.1



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: 36.892 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

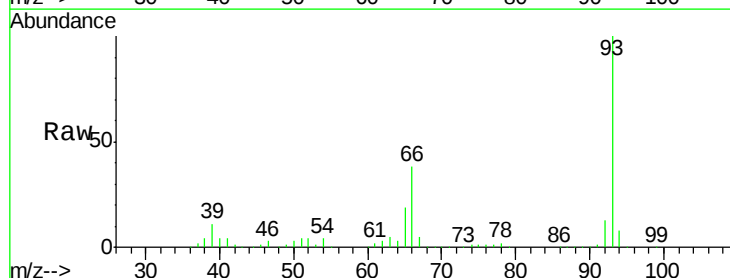
Tgt Ion: 93 Resp: 840504

Ion Ratio Lower Upper

93 100

66 38.3 31.3 46.9

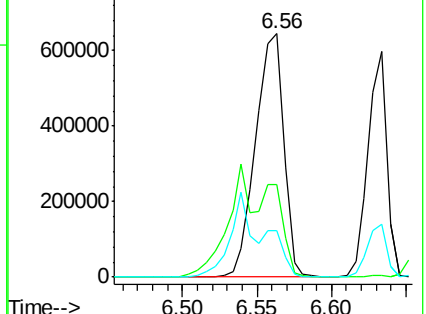
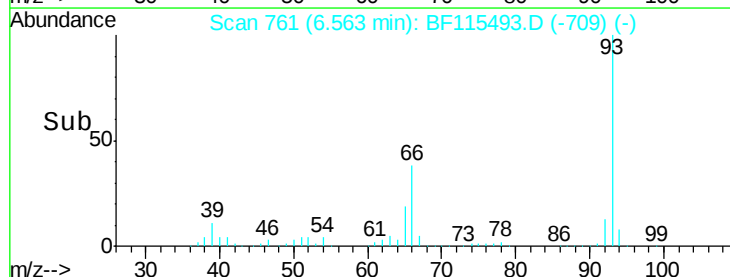
65 19.2 15.9 23.9

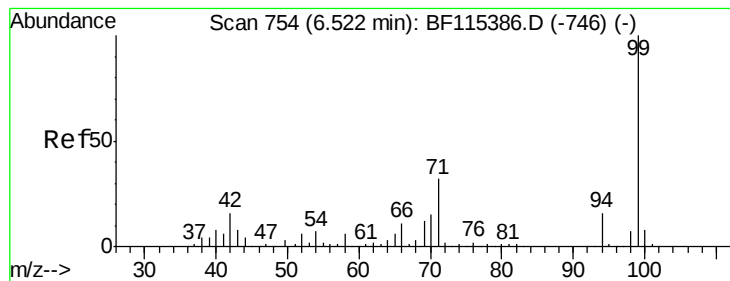


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.977 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

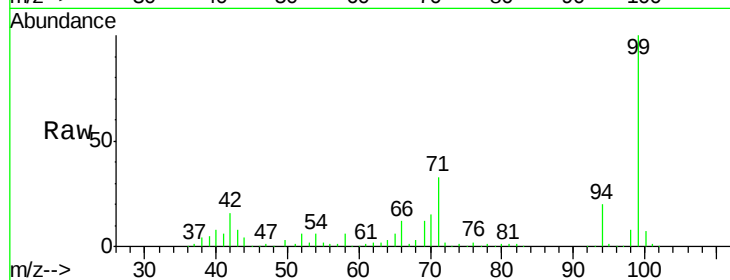
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1194328

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.8	19.2
71	33.3	26.5	39.7

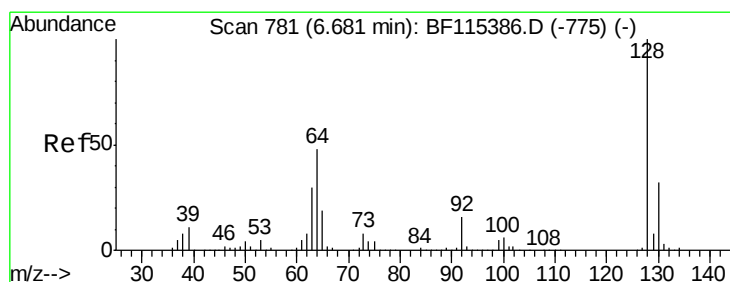
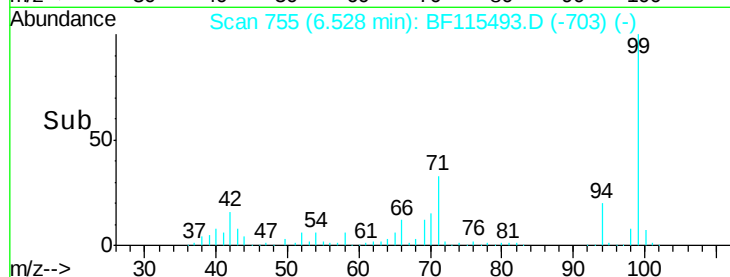
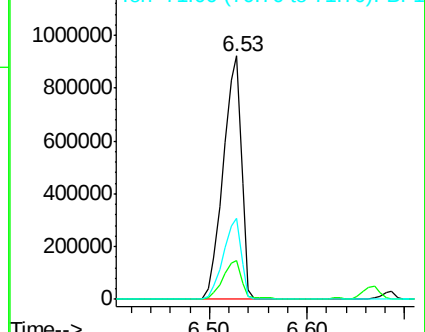


Abundance

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: 38.276 ng

RT: 6.69 min Scan# 782

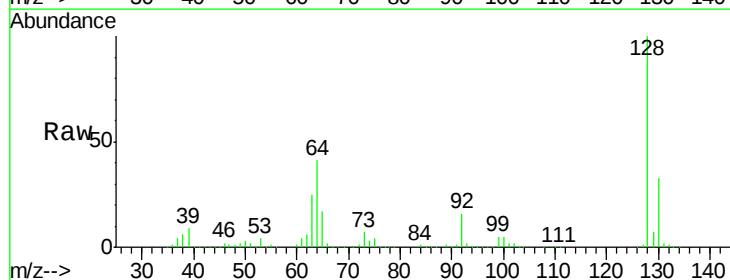
Delta R.T. 0.01 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Tgt Ion: 128 Resp: 548652

Ion	Ratio	Lower	Upper
128	100		
130	33.4	11.8	51.8
64	41.3	27.0	67.0

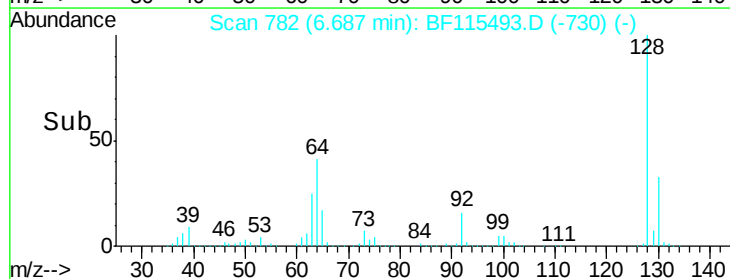
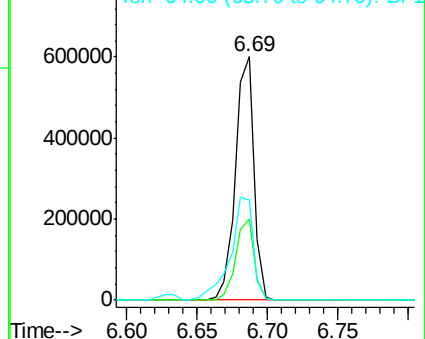


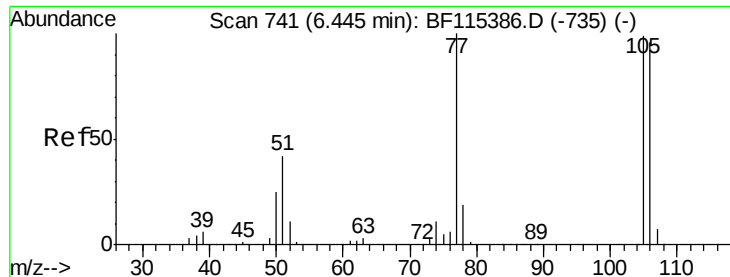
Abundance

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: 38.488 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

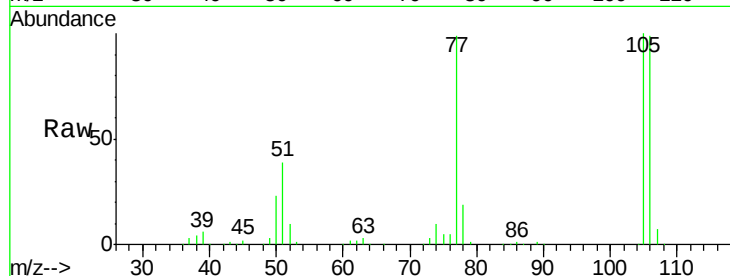
Tot Ion: 77 Resp: 360363

Ion Ratio Lower Upper

77 100

105 101.0 82.9 122.9

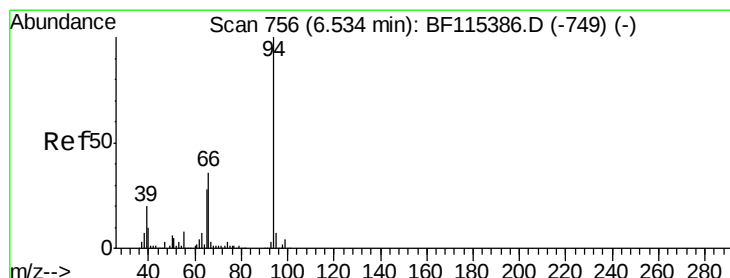
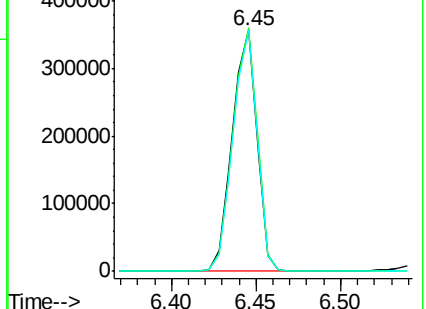
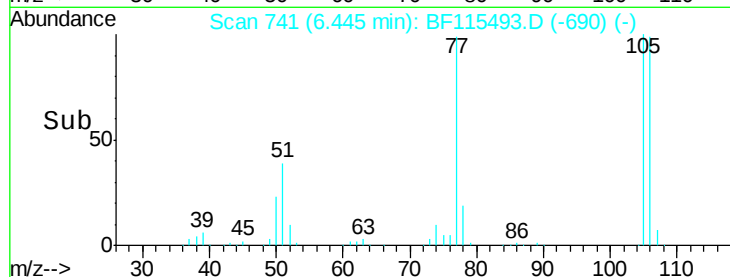
106 99.8 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.331 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

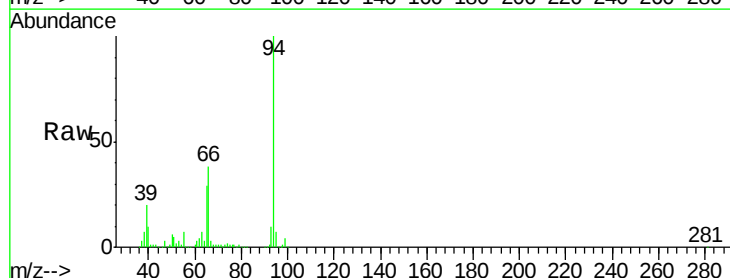
Tgt Ion: 94 Resp: 701798

Ion Ratio Lower Upper

94 100

65 28.5 7.2 47.2

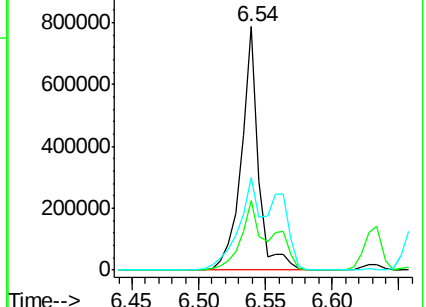
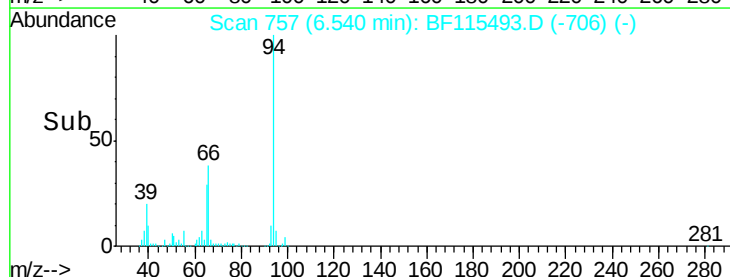
66 38.3 16.9 56.9

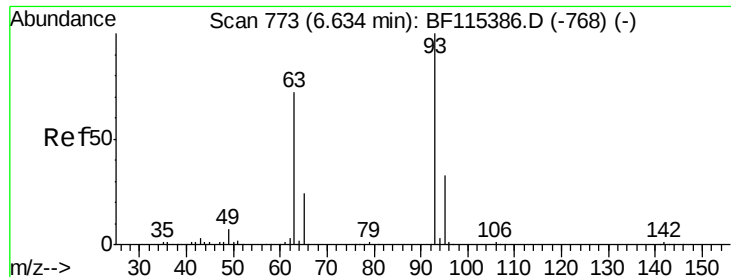


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

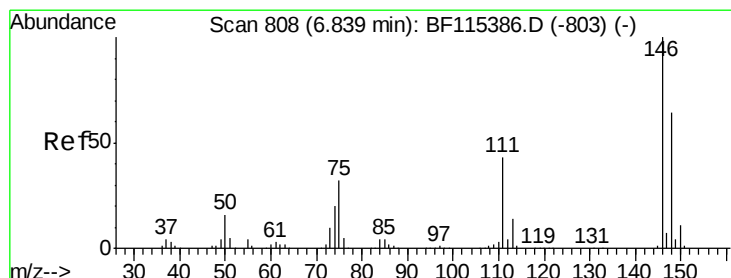
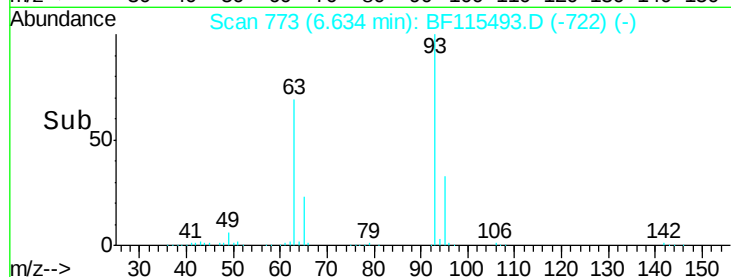
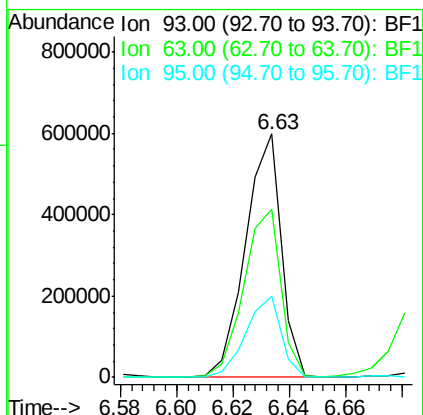
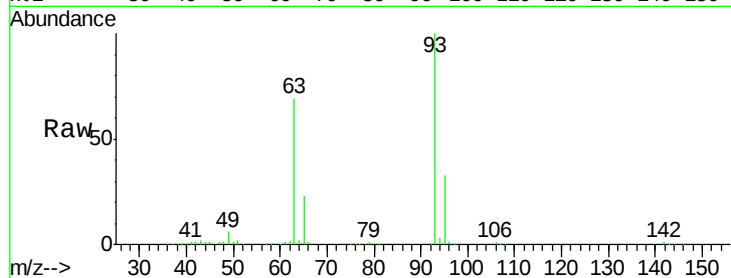




#11
bis(2-Chloroethyl)ether
Concen: 36.457 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

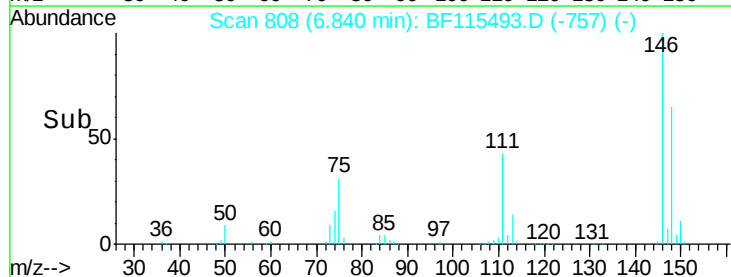
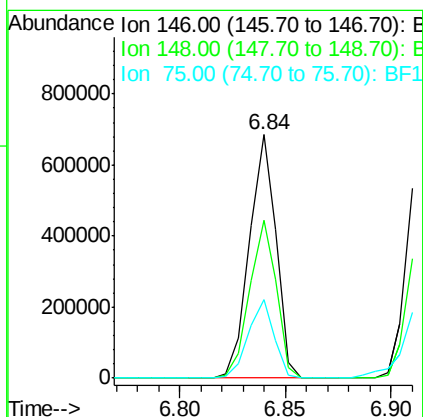
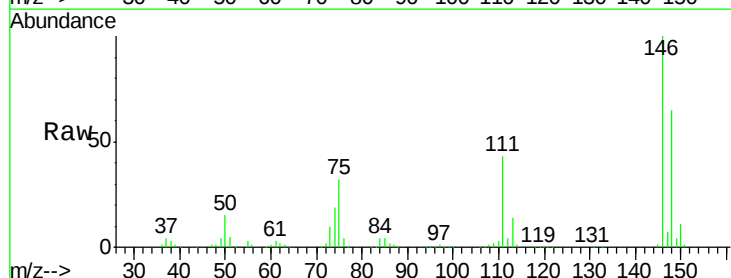
Instrument :
BNA_F
ClientSampleId :

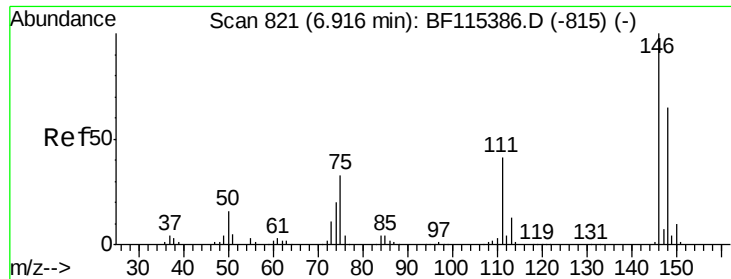
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.9	50.0	90.0
95	33.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 38.325 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.3	78.5
75	32.2	24.8	37.2

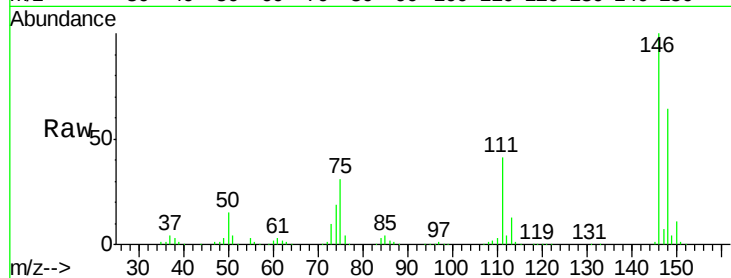




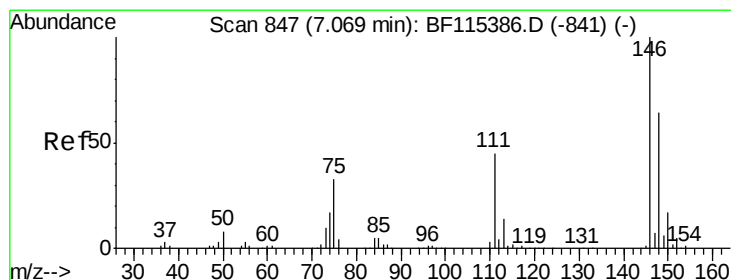
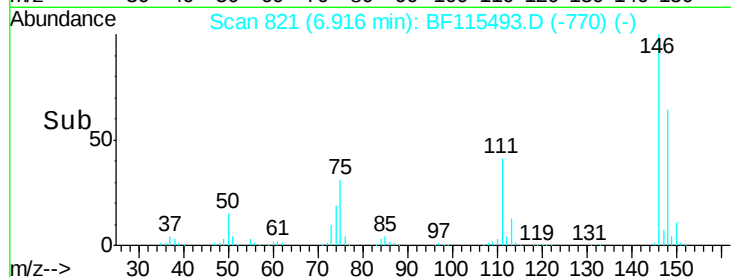
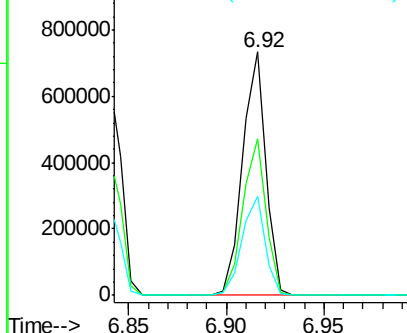
#13
 1,4-Dichlorobenzene
 Concen: 38.495 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 605534
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.3 76.9
 111 40.5 32.1 48.1

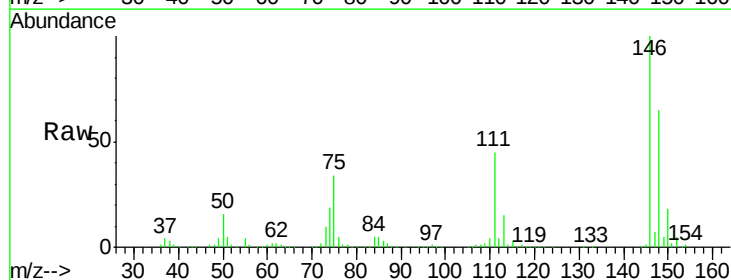


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

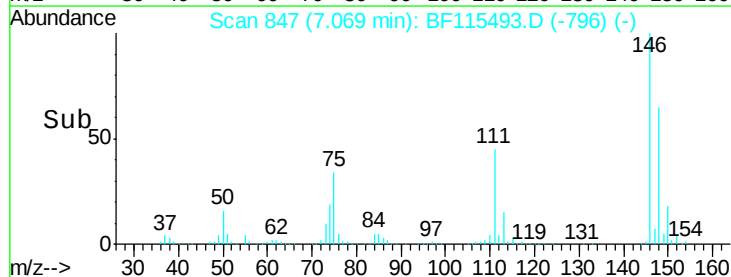
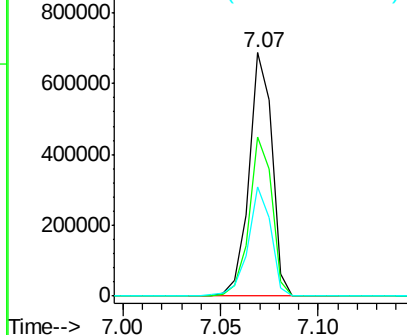


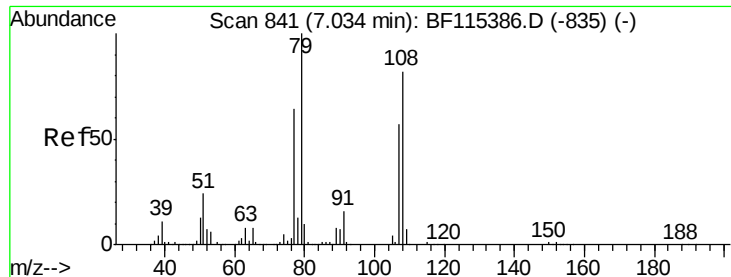
#14
 1,2-Dichlorobenzene
 Concen: 38.434 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Tgt Ion:146 Resp: 559739
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.6 75.8
 111 44.9 35.4 53.2



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: 38.054 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

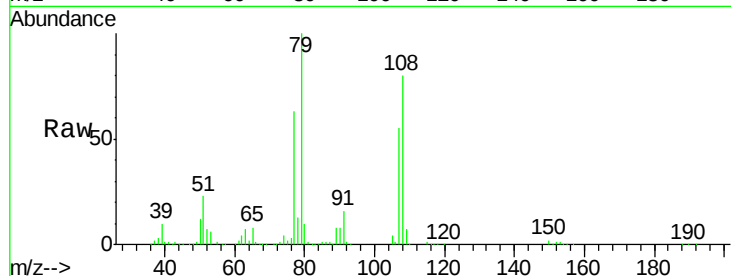
Tot Ion: 79 Resp: 493003

Ion Ratio Lower Upper

79 100

108 79.6 65.3 97.9

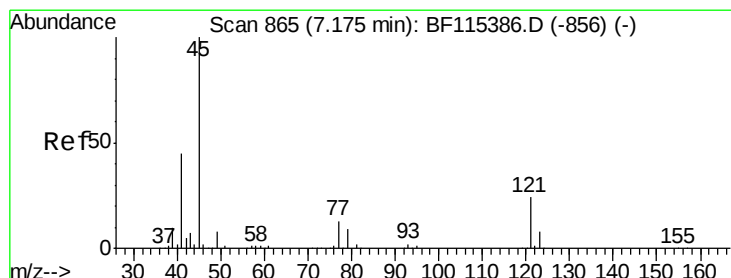
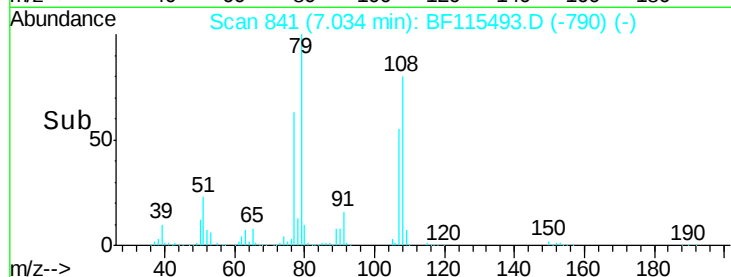
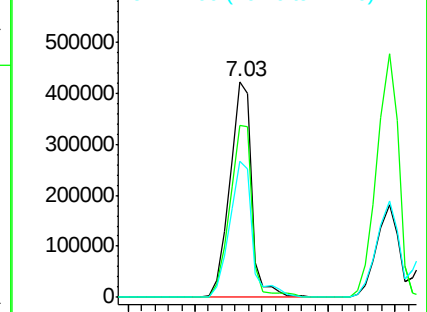
77 63.2 50.6 75.8



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: 35.285 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

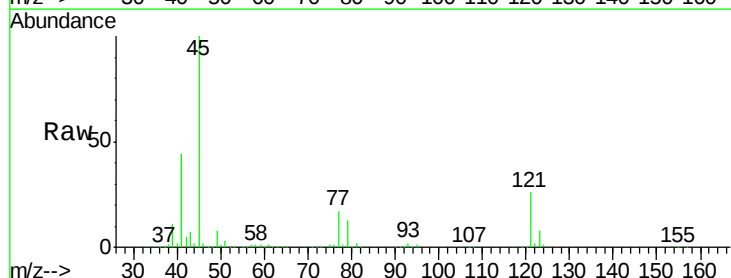
Tgt Ion: 45 Resp: 707007

Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.4

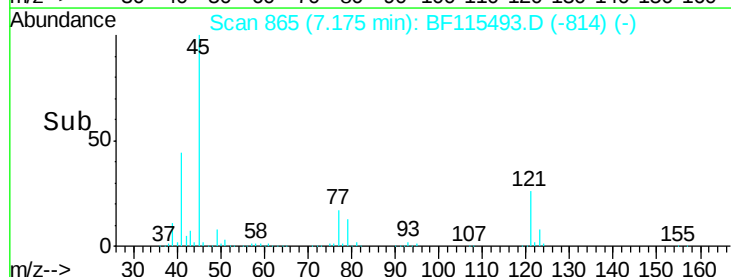
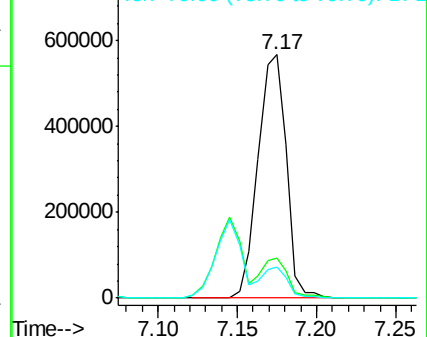
79 12.7 0.0 33.4

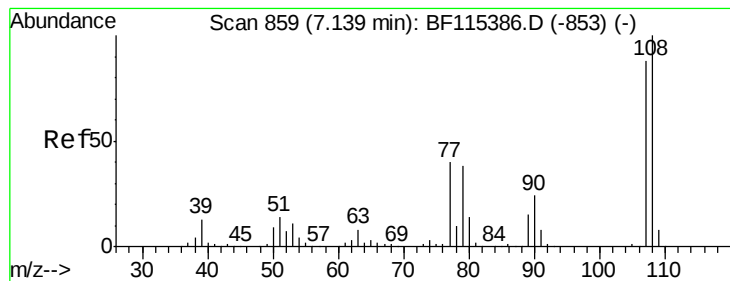


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

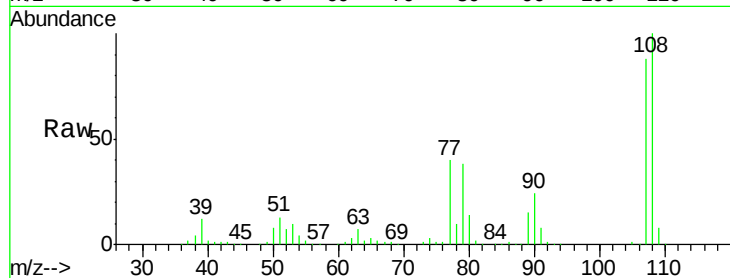




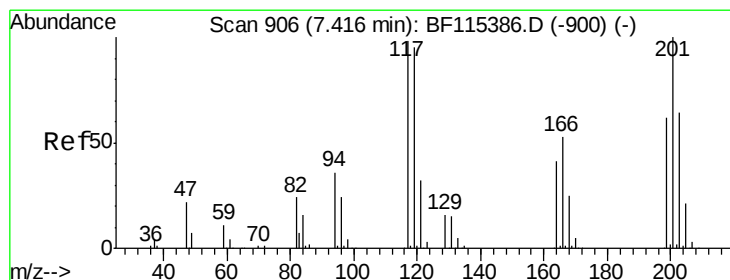
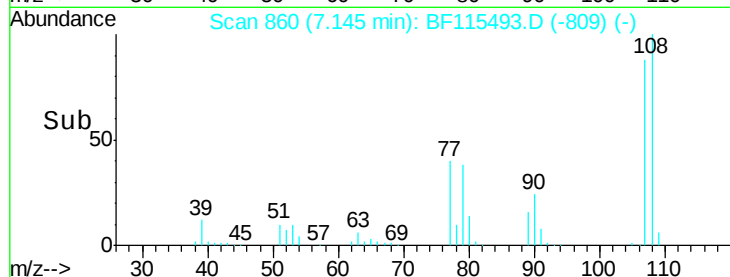
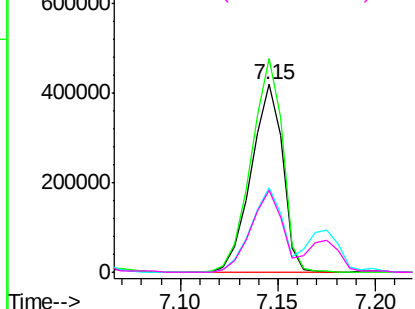
#17
2-Methylphenol
Concen: 38.129 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 468223
Ion Ratio Lower Upper
107 100
108 113.8 90.0 135.0
77 45.0 35.0 52.4
79 43.5 34.4 51.6

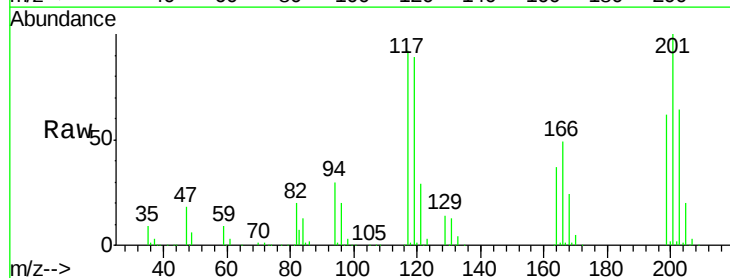


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

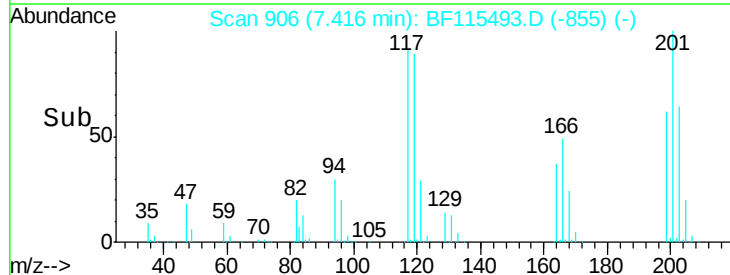
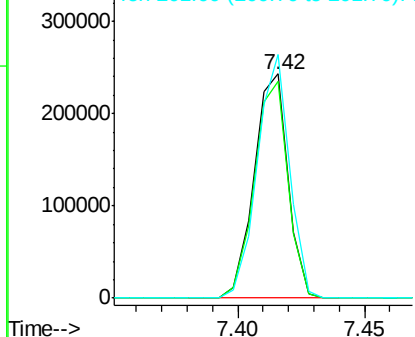


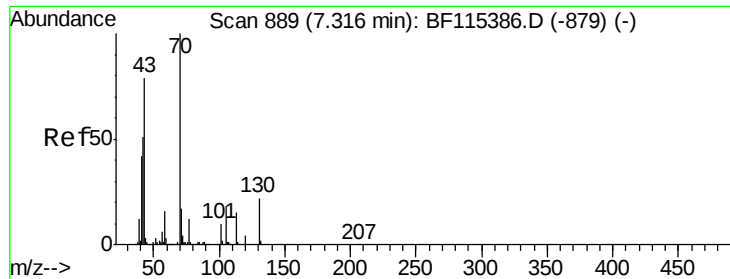
#18
Hexachloroethane
Concen: 38.387 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:117 Resp: 224945
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2
201 108.6 85.8 128.6



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

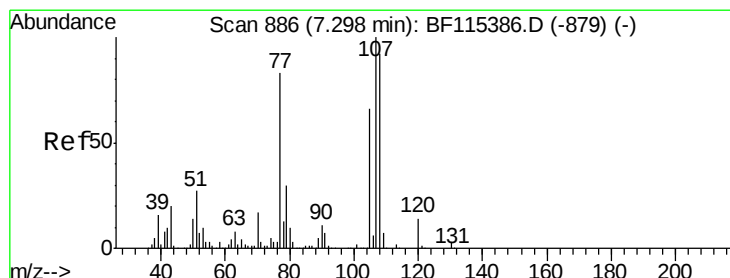
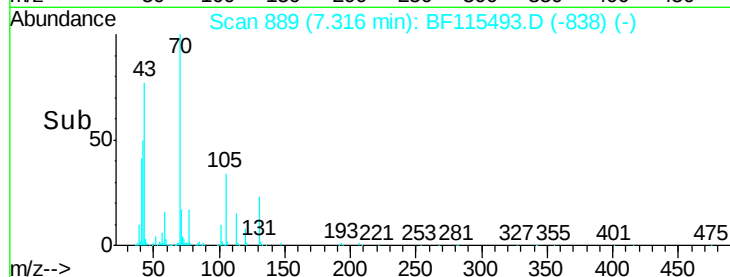
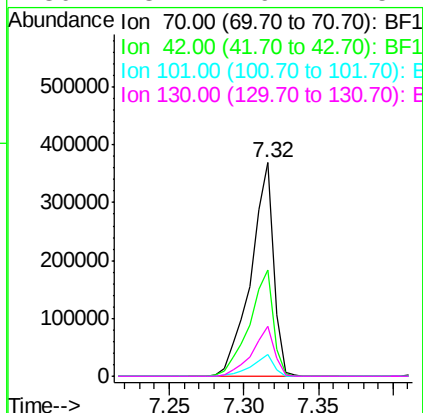
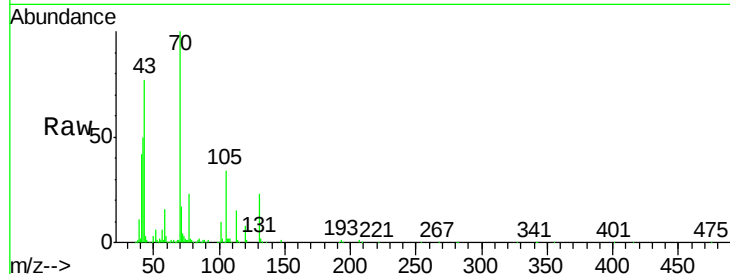




#19
n-Nitroso-di-n-propylamine
Concen: 35.495 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

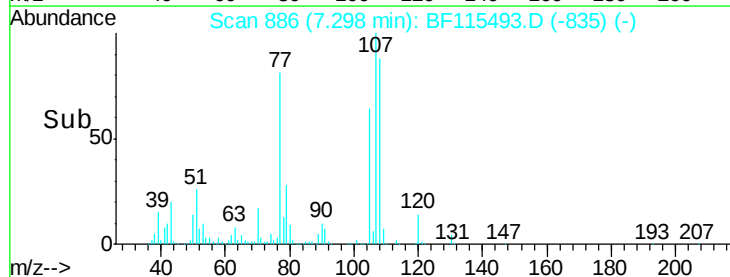
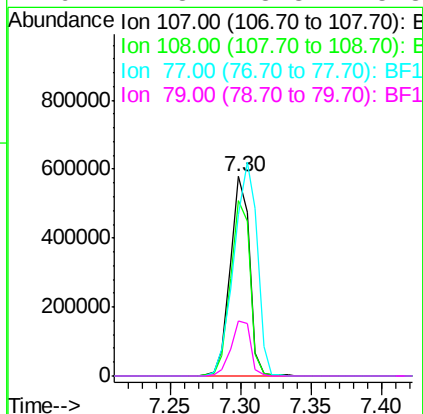
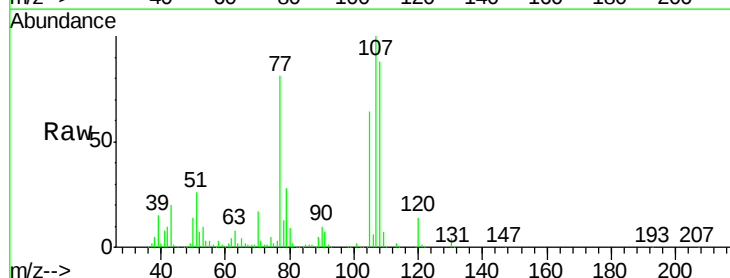
Instrument :
BNA_F
ClientSampled :

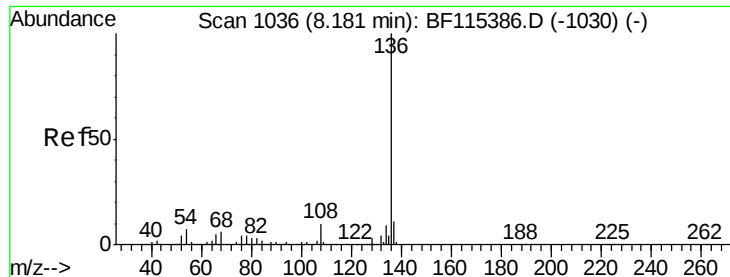
Tot Ion:	70	Resp:	387696
Ion	Ratio	Lower	Upper
70	100		
42	49.8	38.5	57.7
101	10.2	8.0	12.0
130	23.4	19.1	28.7



#20
3+4-Methylphenols
Concen: 37.753 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:	107	Resp:	547631
Ion	Ratio	Lower	Upper
107	100		
108	88.1	70.5	110.5
77	80.7	63.0	103.0
79	27.8	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 822992

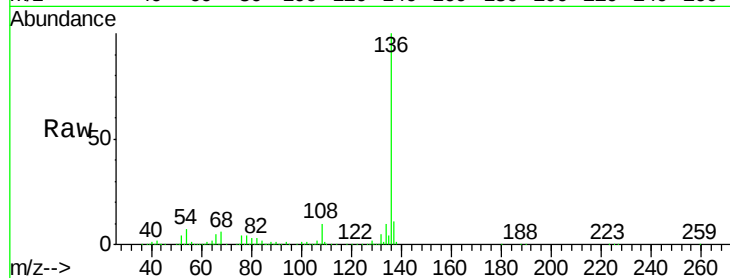
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.0 5.4 8.0

68 6.2 4.8 7.2

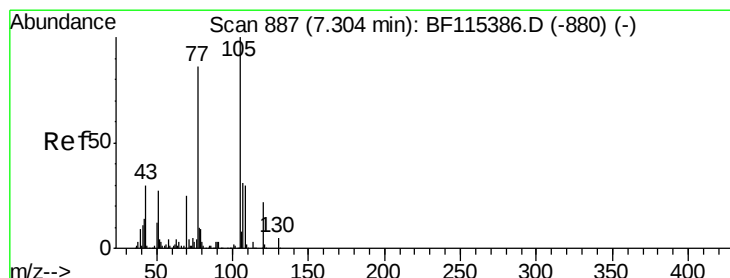
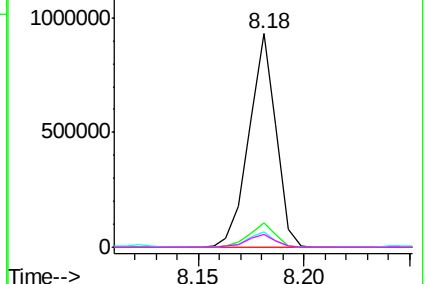
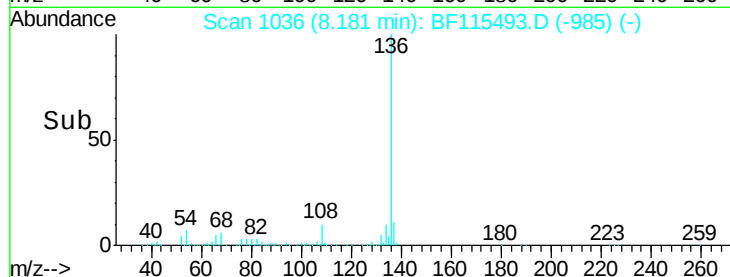


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.327 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Tgt Ion:105 Resp: 716395

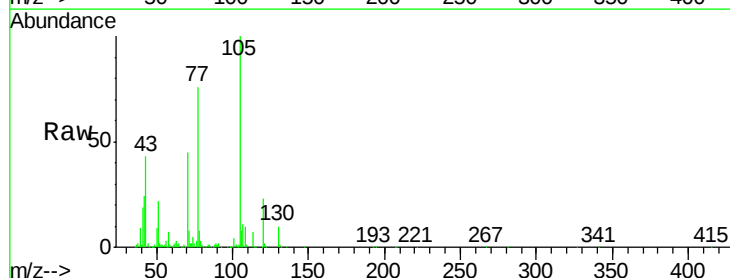
Ion Ratio Lower Upper

105 100

71 7.7 3.5 5.3#

51 21.8 22.6 33.8#

120 22.8 17.9 26.9

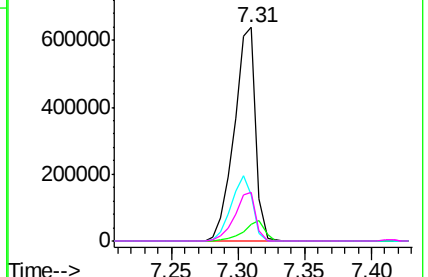
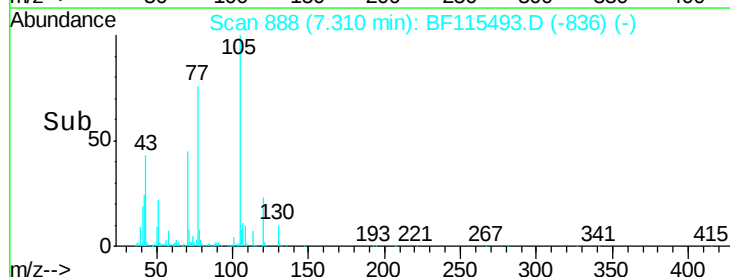


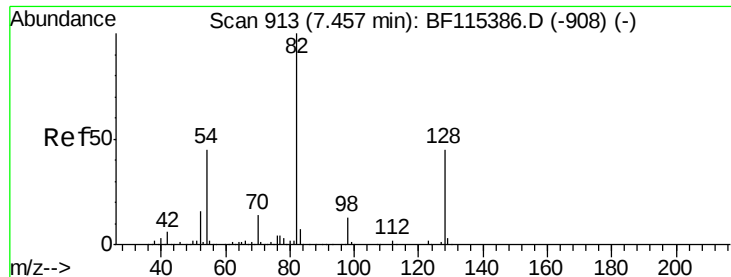
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.114 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

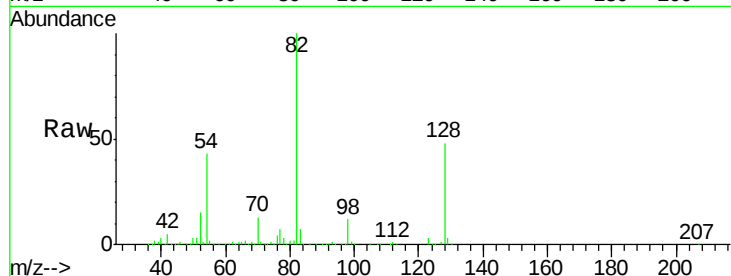
Tot Ion: 82 Resp: 1102013

Ion Ratio Lower Upper

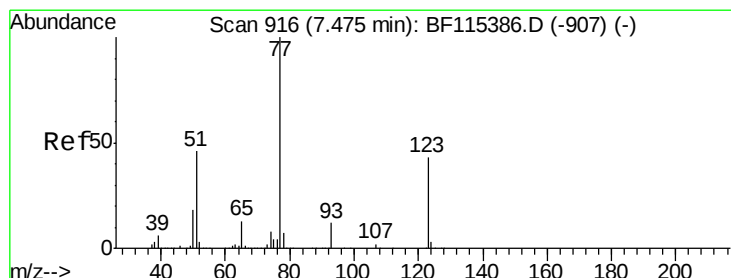
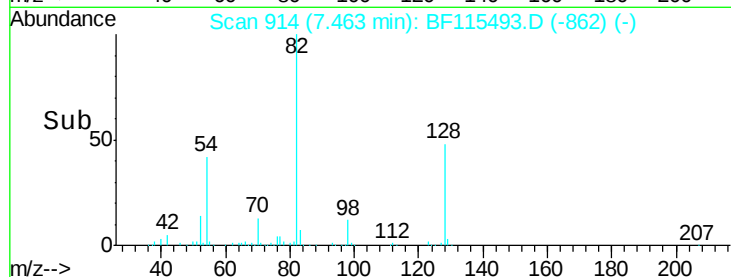
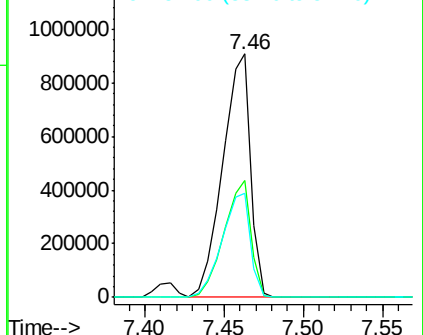
82 100

128 48.0 36.7 55.1

54 42.5 35.6 53.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.213 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

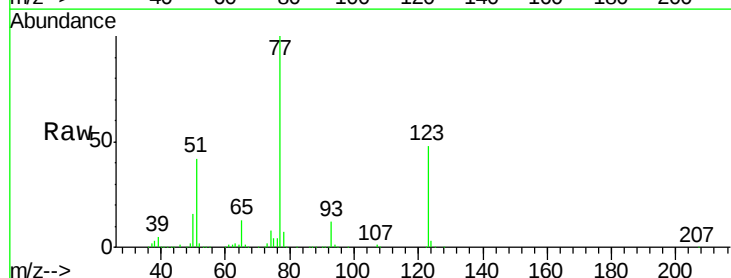
Tgt Ion: 77 Resp: 601140

Ion Ratio Lower Upper

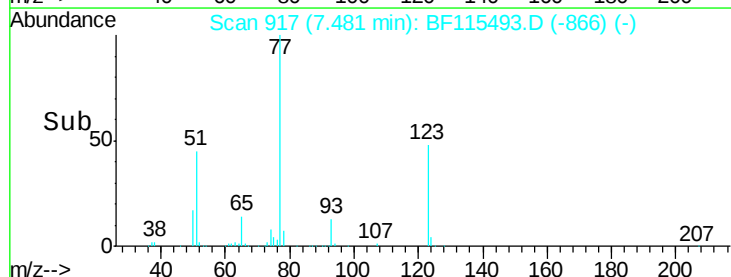
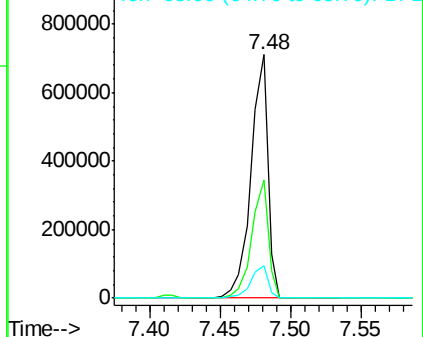
77 100

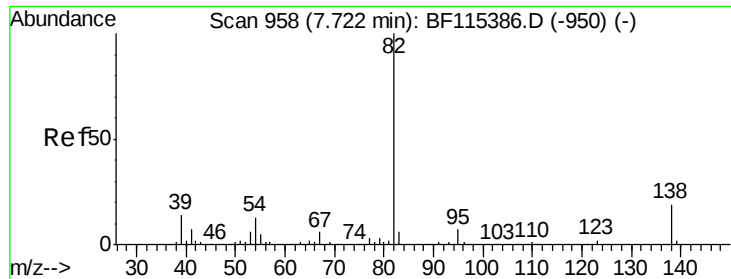
123 48.4 40.4 60.6

65 13.2 10.4 15.6



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: 36.249 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

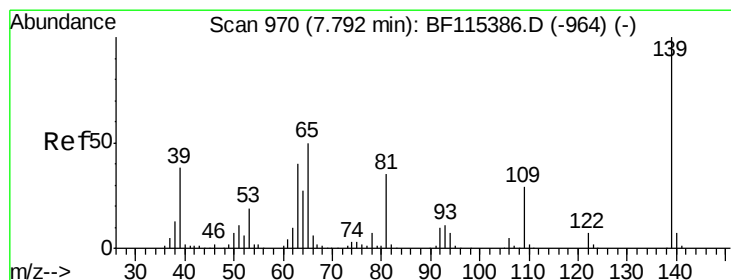
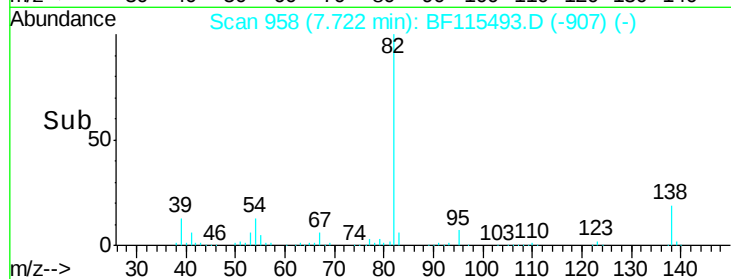
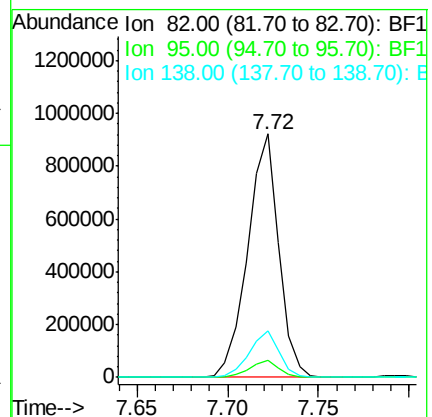
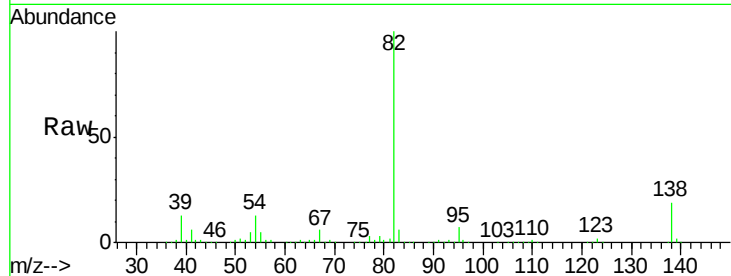
Tot Ion: 82 Resp: 1094440

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 18.9 15.1 22.7



#26

2-Nitrophenol

Concen: 48.169 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

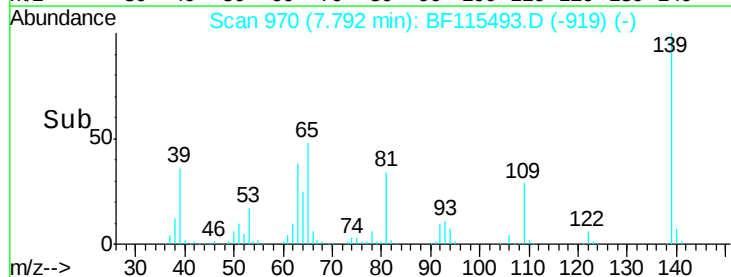
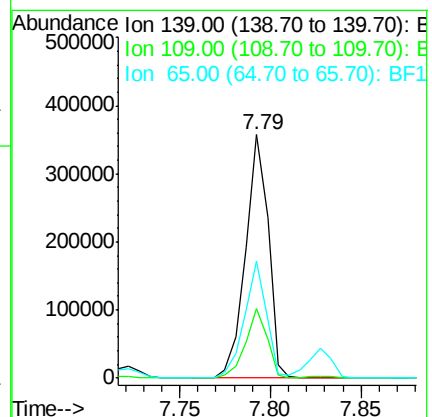
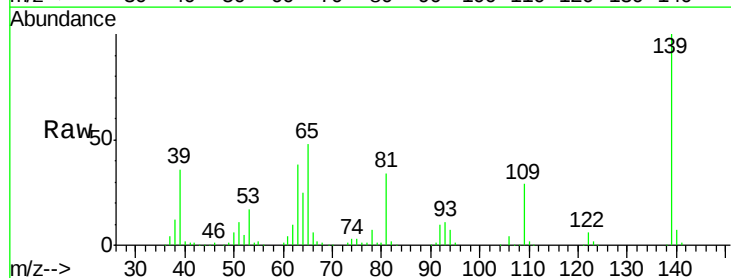
Tgt Ion: 139 Resp: 311531

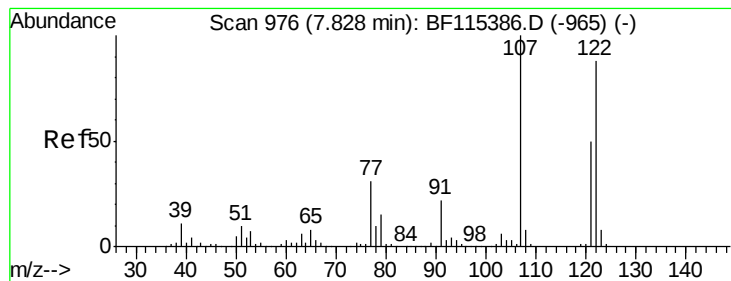
Ion Ratio Lower Upper

139 100

109 28.6 22.2 33.4

65 48.0 37.5 56.3

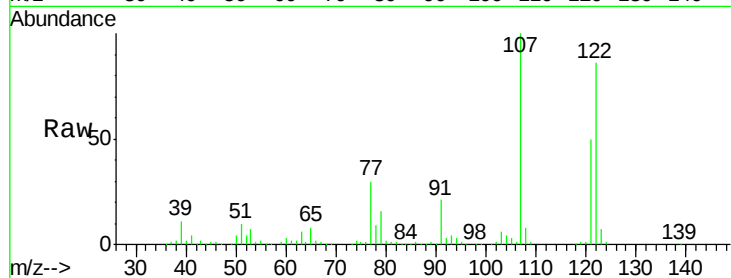




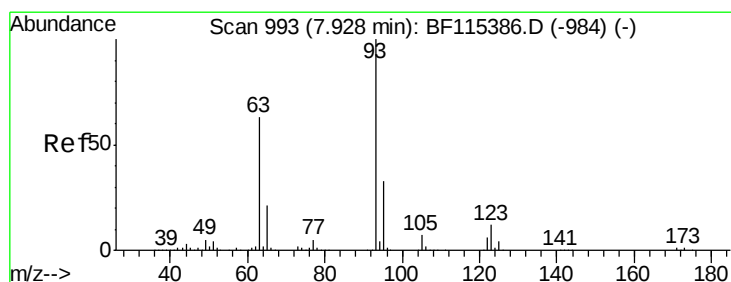
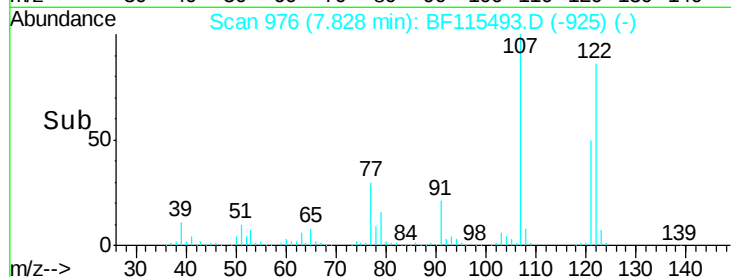
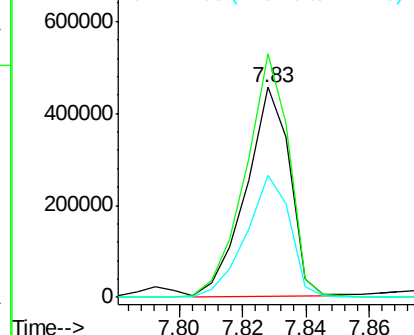
#27
2,4-Dimethylphenol
Concen: 35.186 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 433925
Ion Ratio Lower Upper
122 100
107 115.9 91.7 137.5
121 58.3 47.7 71.5

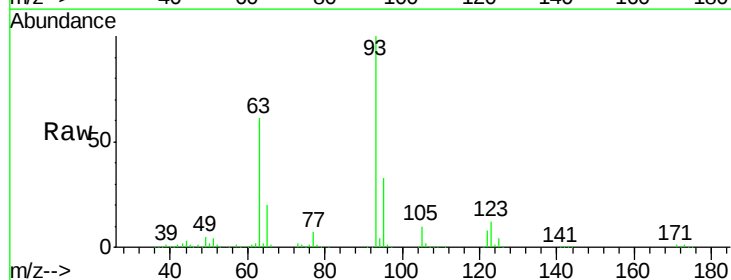


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

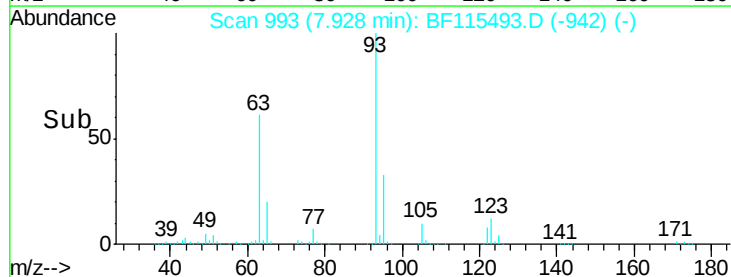
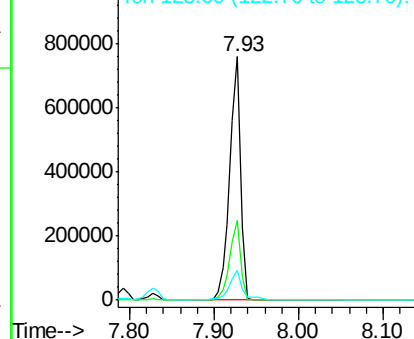


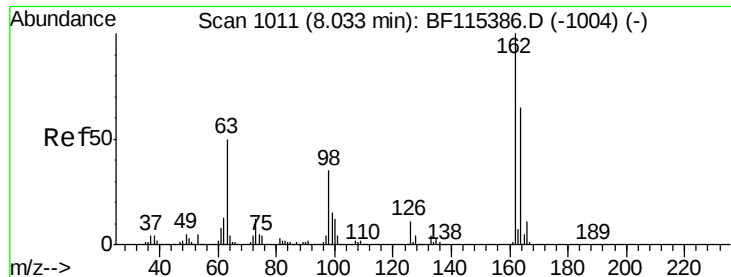
#28
bis(2-Chloroethoxy)methane
Concen: 36.583 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion: 93 Resp: 681088
Ion Ratio Lower Upper
93 100
95 33.0 26.6 39.8
123 12.4 10.4 15.6



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

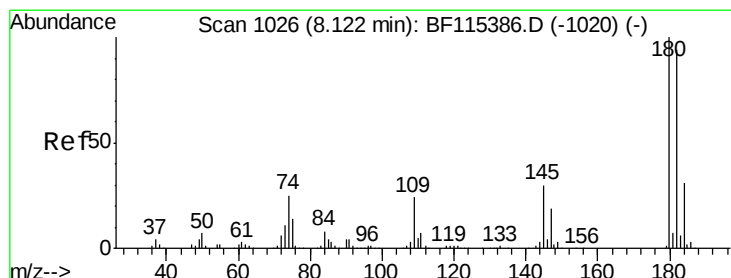
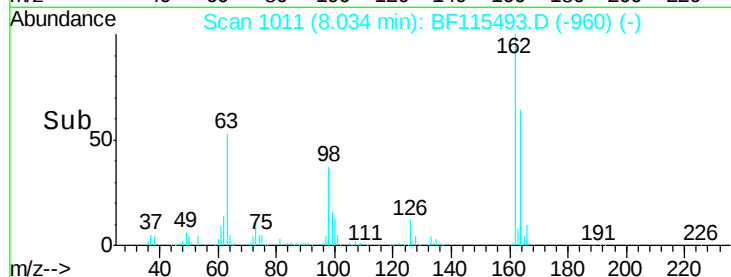
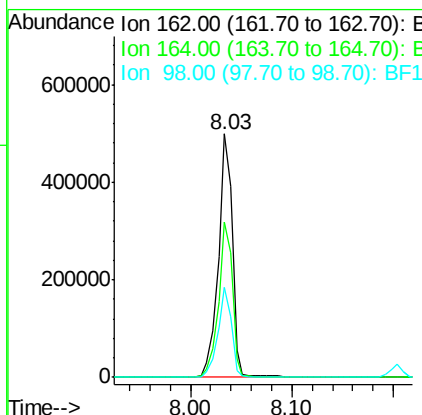
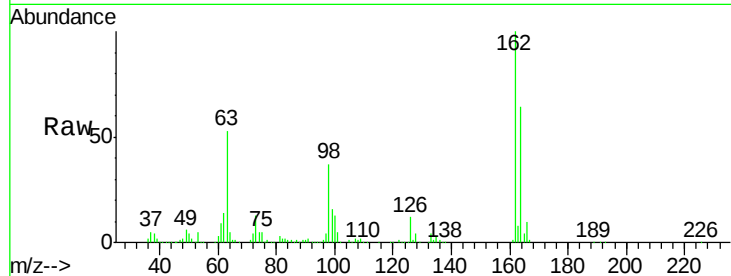




#29
2,4-Dichlorophenol
Concen: 38.953 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

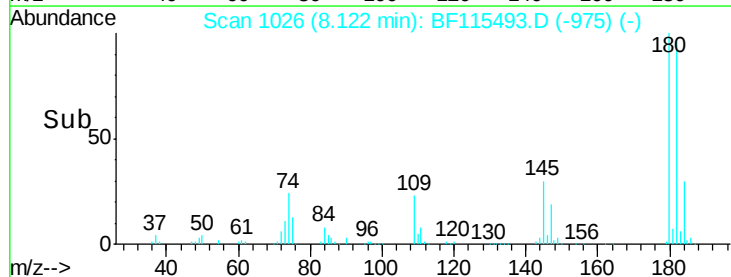
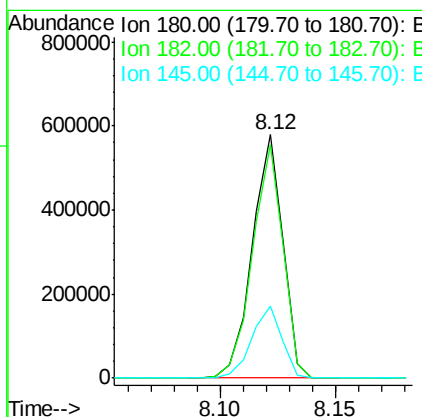
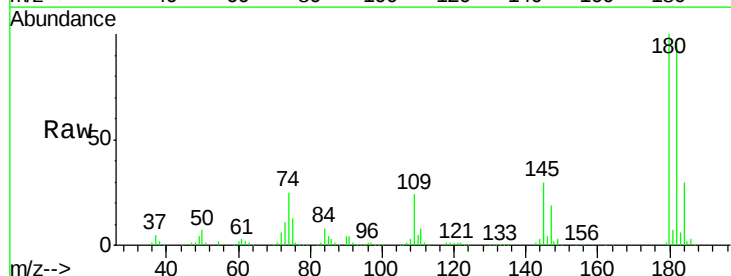
Instrument :
BNA_F
ClientSampleId :

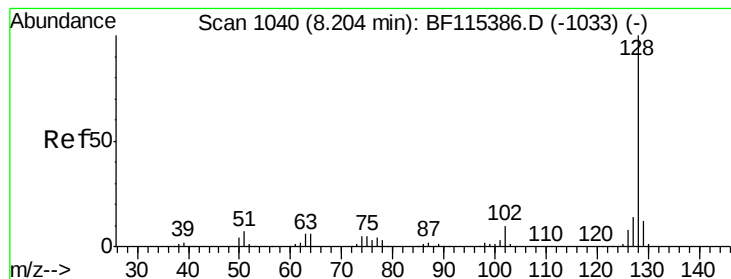
Tot Ion:162 Resp: 478470
Ion Ratio Lower Upper
162 100
164 63.9 45.2 85.2
98 37.0 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 39.040 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:180 Resp: 533852
Ion Ratio Lower Upper
180 100
182 95.6 77.1 115.7
145 29.6 23.9 35.9





#31

Naphthalene

Concen: 37.959 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

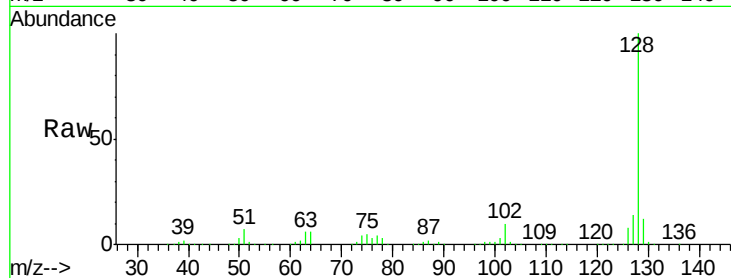
Tot Ion:128 Resp: 1551701

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

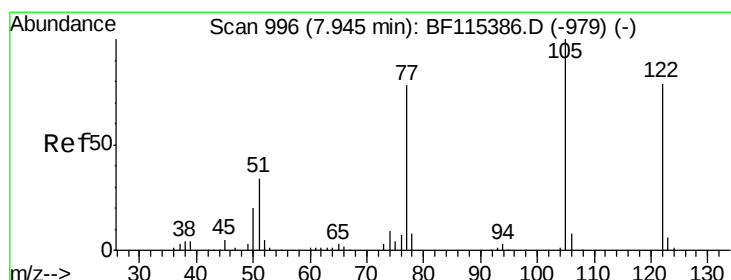
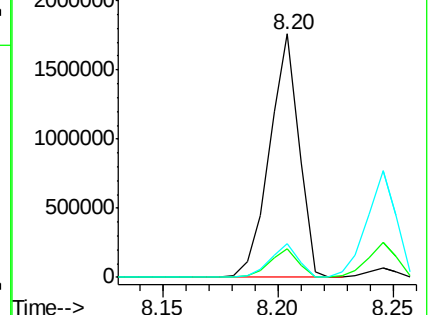
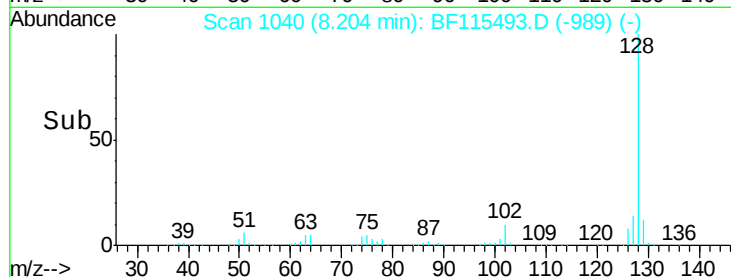
127 14.0 11.1 16.7



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: 32.603 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

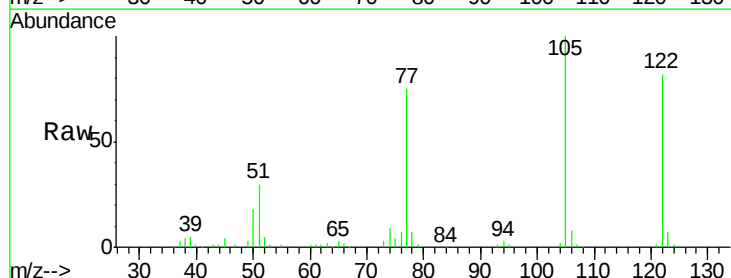
Tgt Ion:122 Resp: 272986

Ion Ratio Lower Upper

122 100

105 121.2 101.6 141.6

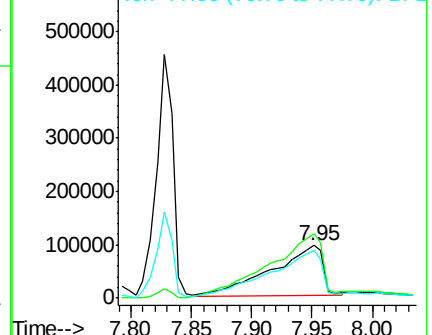
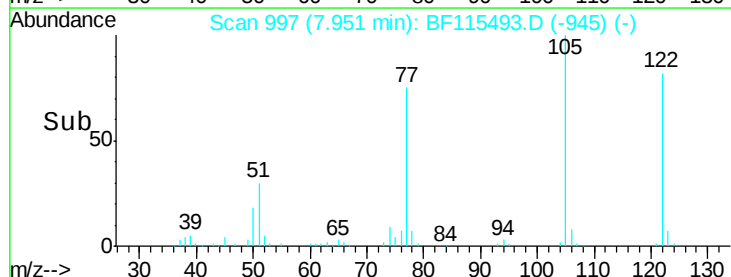
77 90.7 69.1 109.1

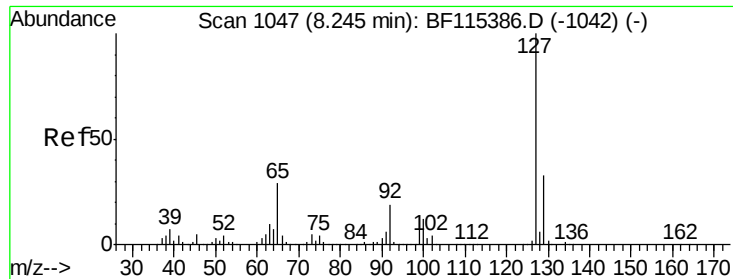


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

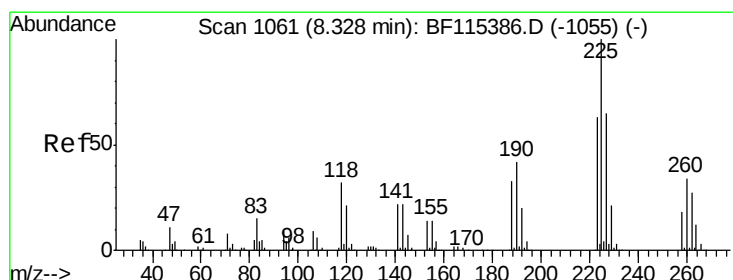
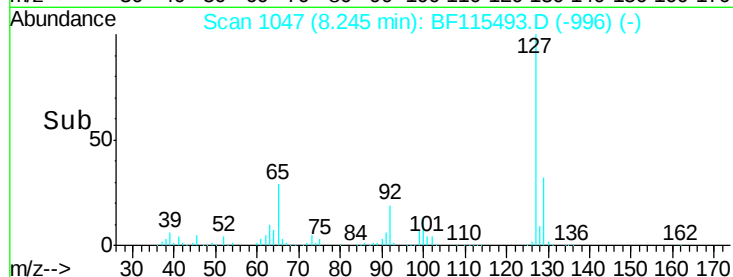
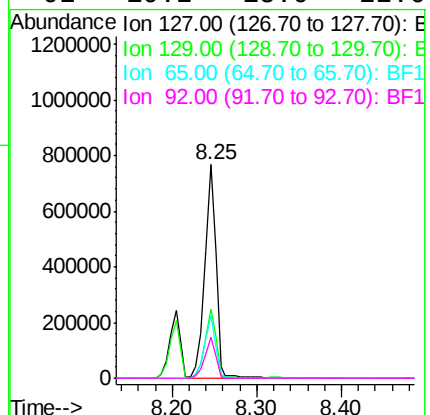
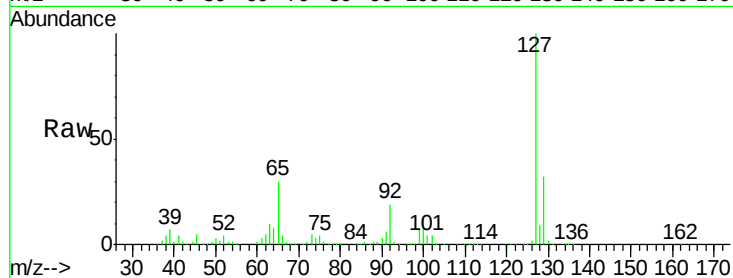




#33
4-Chloroaniline
Concen: 38.345 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

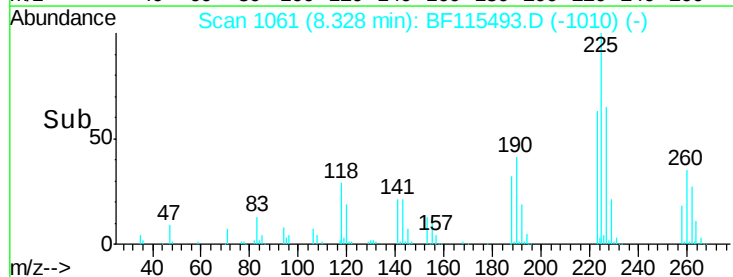
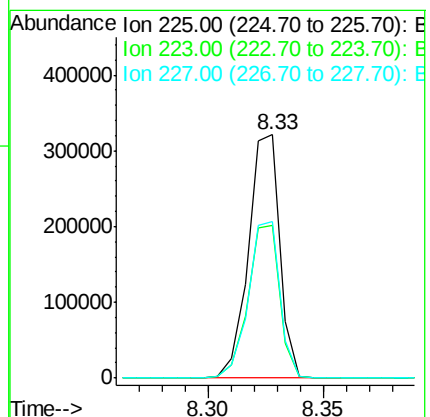
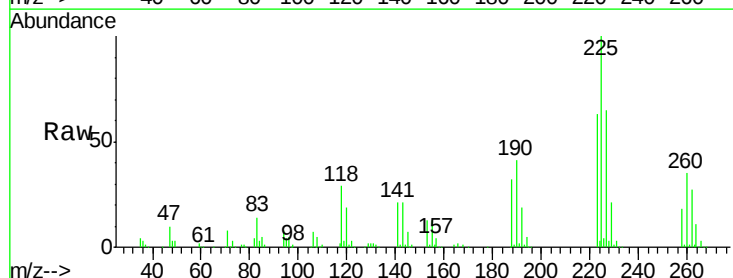
Instrument :
BNA_F
ClientSampleId :

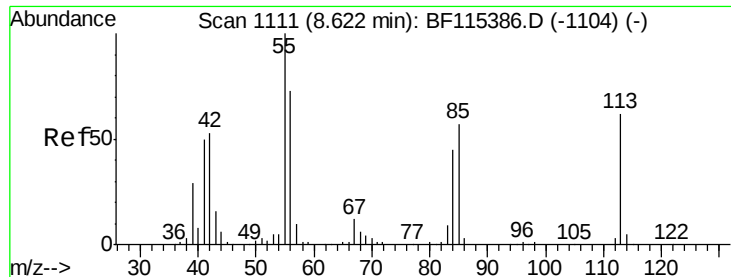
Tot Ion:	127	Resp:	699373
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	29.7	23.2	34.8
92	19.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.353 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:	225	Resp:	305175
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.5	51.4	77.2

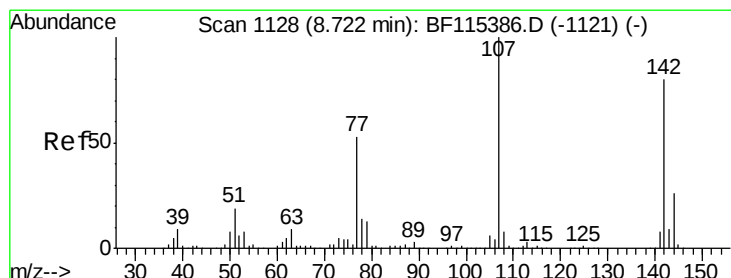
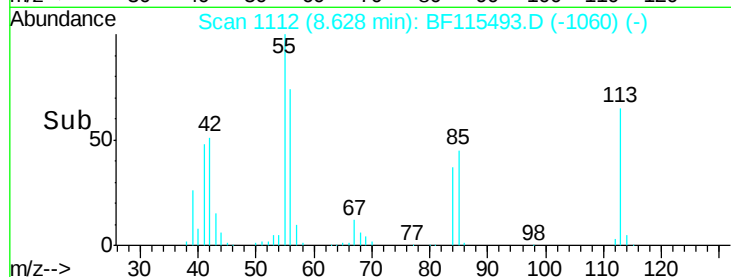
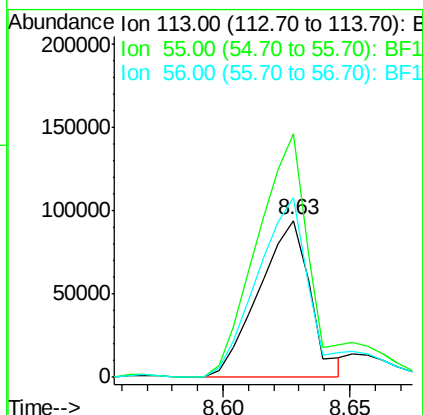
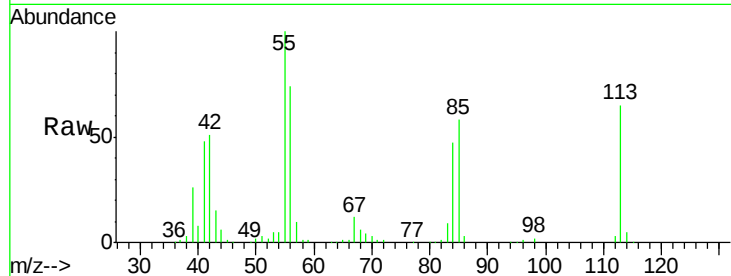




#35
Caprolactam
Concen: 33.084 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

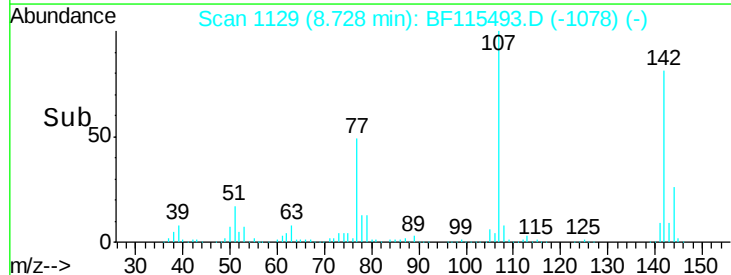
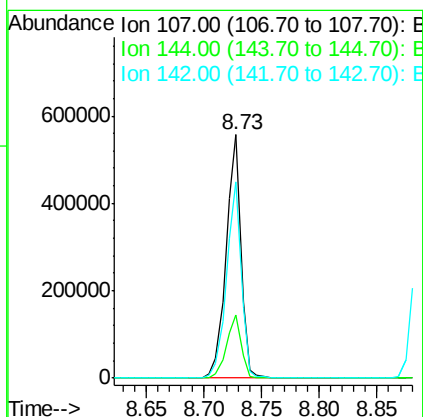
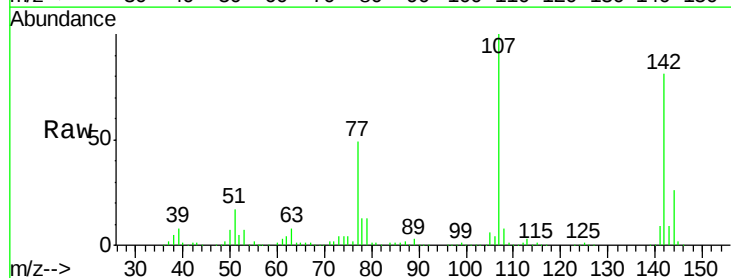
Instrument :
BNA_F
ClientSampleId :

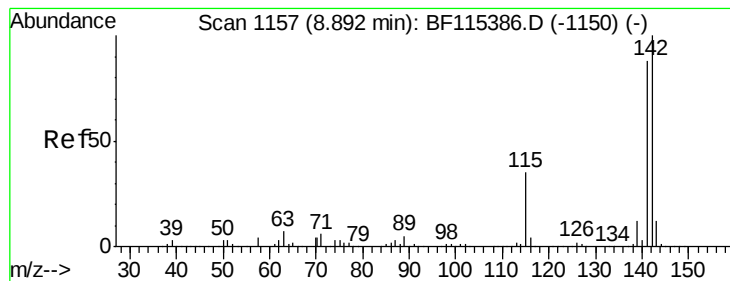
Tot Ion:113 Resp: 132355
Ion Ratio Lower Upper
113 100
55 155.0 138.1 178.1
56 114.6 95.7 135.7



#36
4-Chloro-3-methylphenol
Concen: 38.285 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:107 Resp: 497413
Ion Ratio Lower Upper
107 100
144 25.8 21.5 32.3
142 80.8 66.2 99.2





#37

2-Methylnaphthalene

Concen: 37.988 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampled :

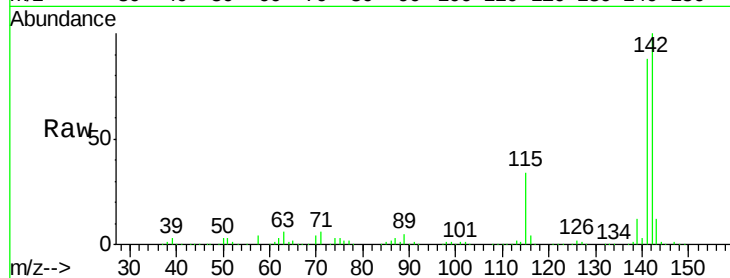
Tot Ion:142 Resp: 1037958

Ion Ratio Lower Upper

142 100

141 88.4 72.1 108.1

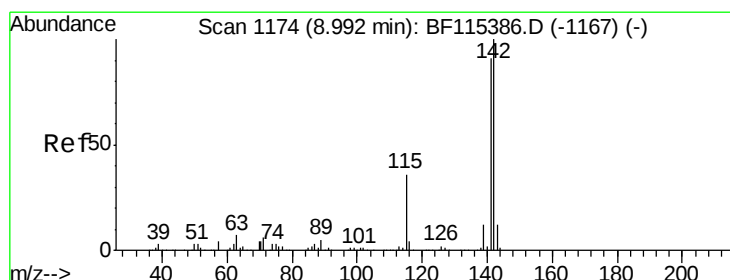
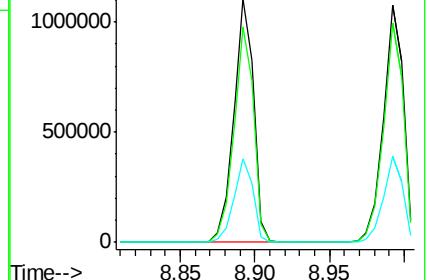
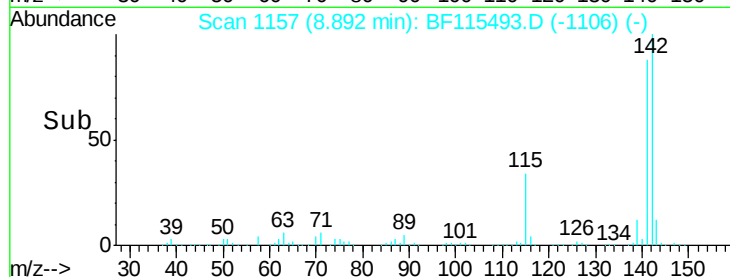
115 34.4 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.804 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

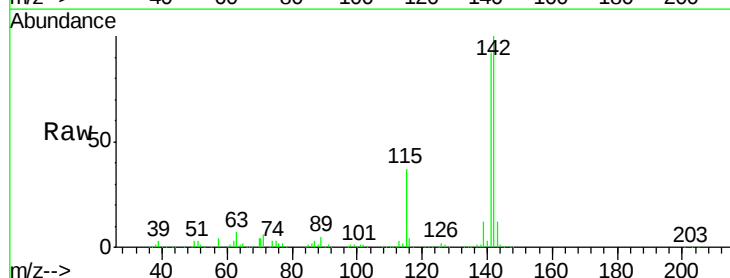
Tgt Ion:142 Resp: 985542

Ion Ratio Lower Upper

142 100

141 92.2 74.3 111.5

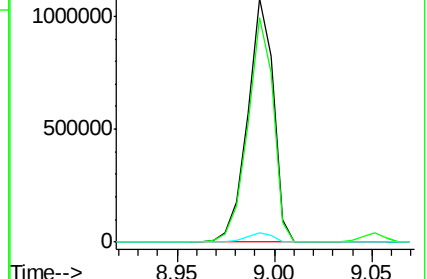
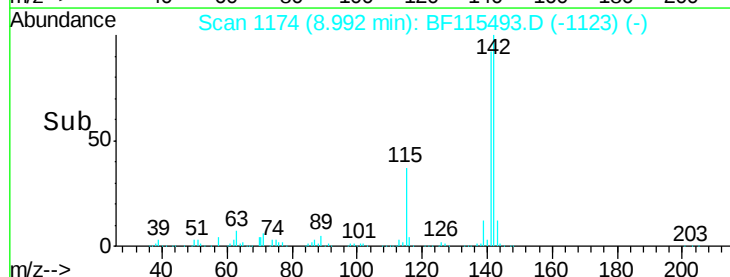
116 3.9 3.1 4.7

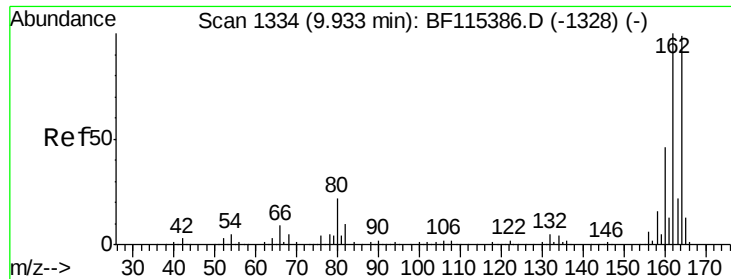


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

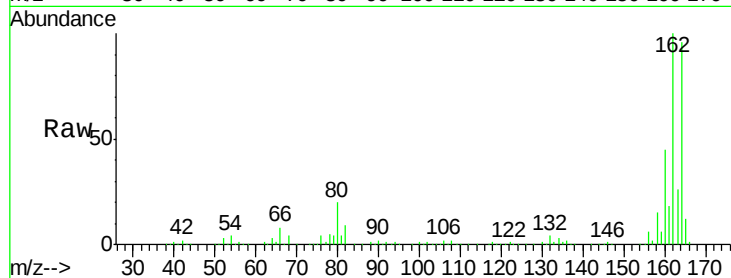
Tot Ion:164 Resp: 408480

Ion Ratio Lower Upper

164 100

162 103.8 82.3 123.5

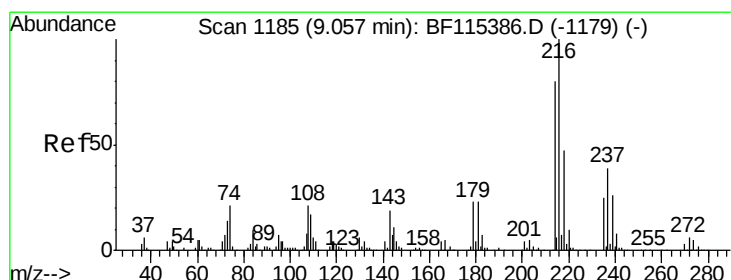
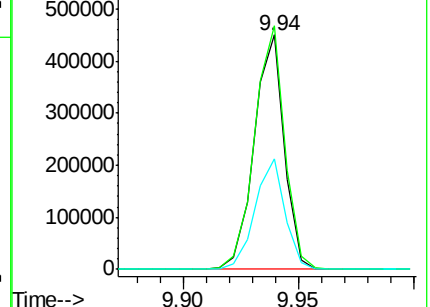
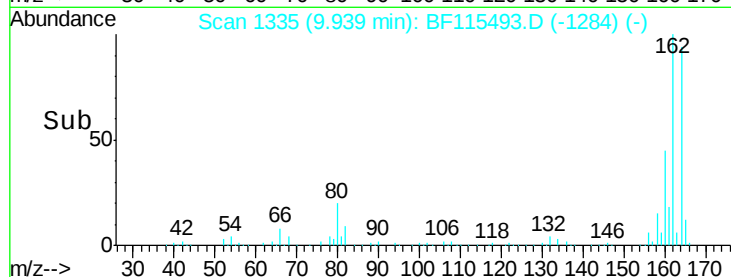
160 47.1 37.2 55.8



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: 40.447 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Tgt Ion:216 Resp: 475314

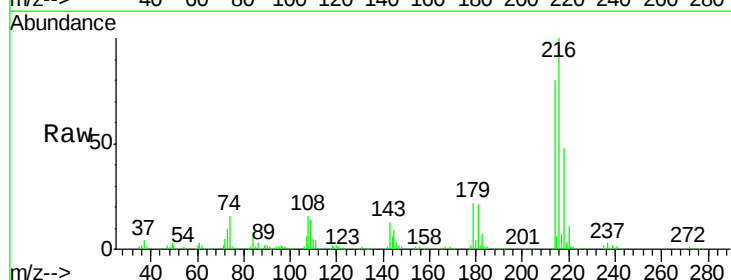
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.6

179 21.7 17.4 26.0

108 19.2 15.4 23.2

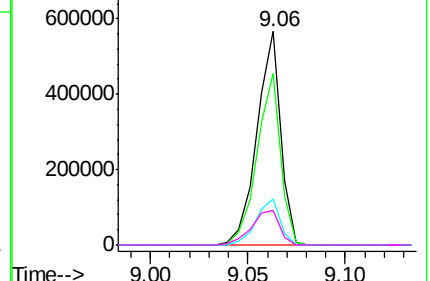
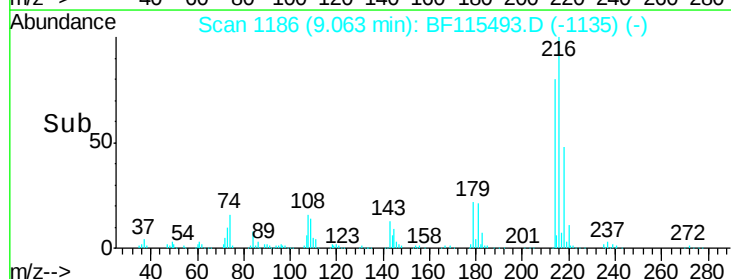


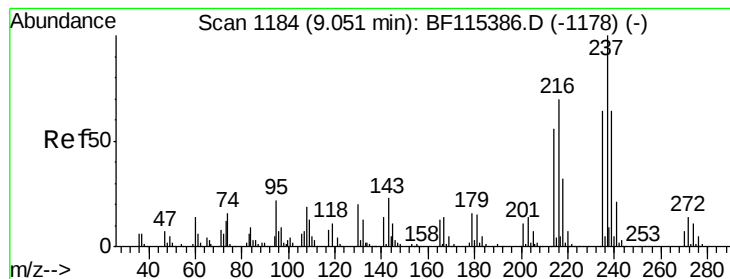
Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.101 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

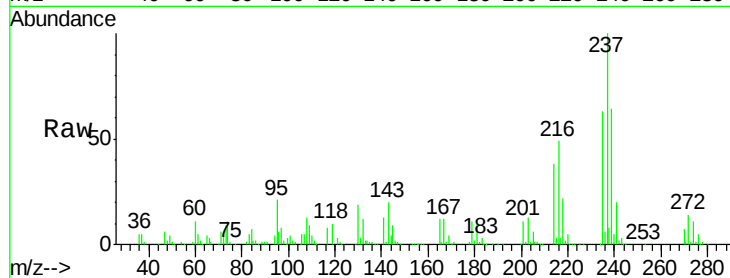
Tot Ion:237 Resp: 252699

Ion Ratio Lower Upper

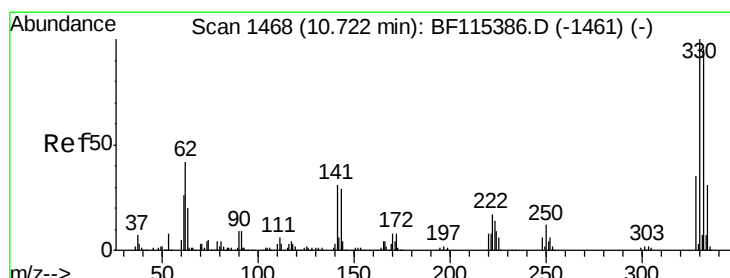
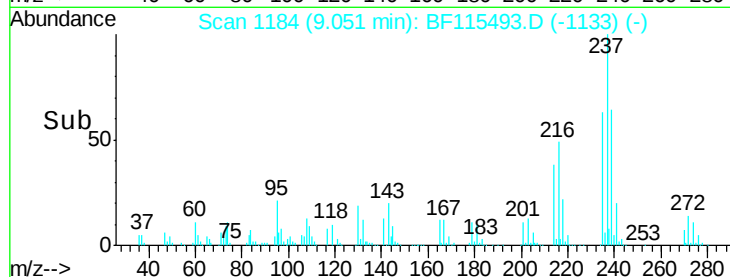
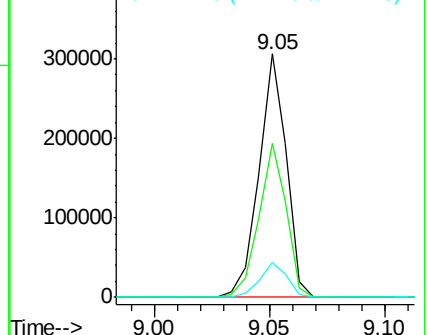
237 100

235 63.2 43.4 83.4

272 14.2 0.0 33.6



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: 82.701 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

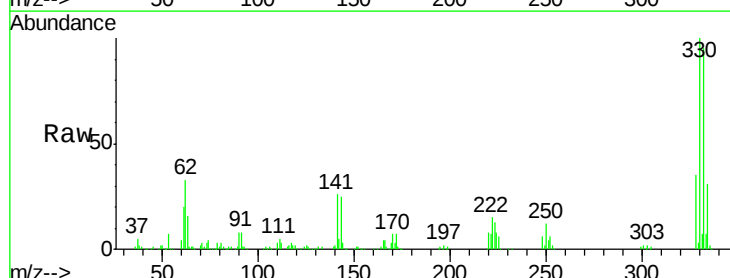
Tgt Ion:330 Resp: 373513

Ion Ratio Lower Upper

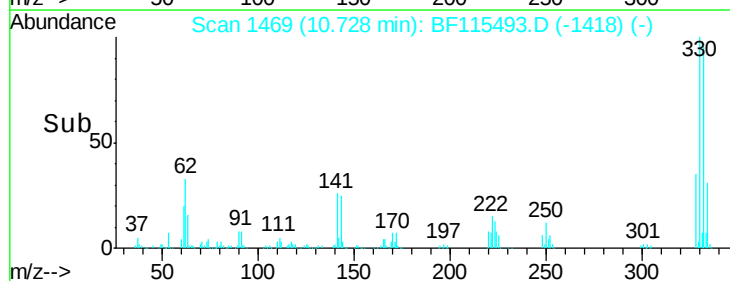
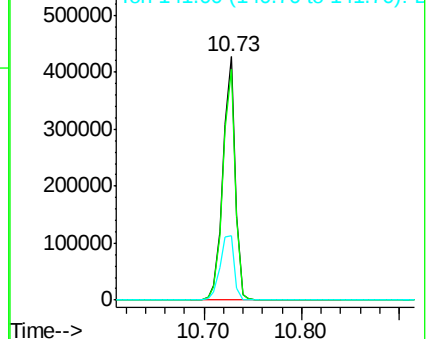
330 100

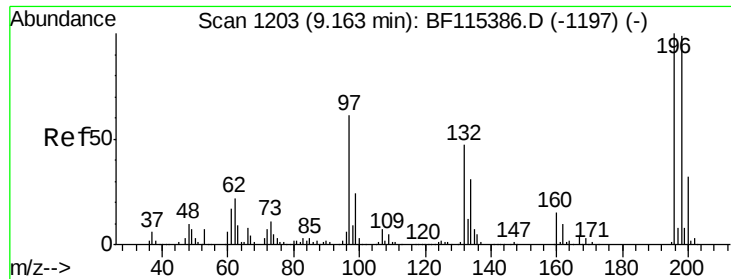
332 95.9 77.4 116.0

141 30.7 24.7 37.1



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

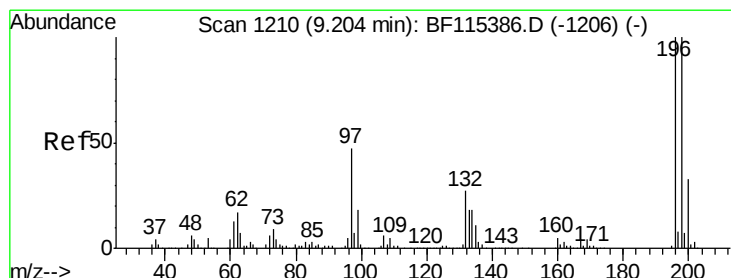
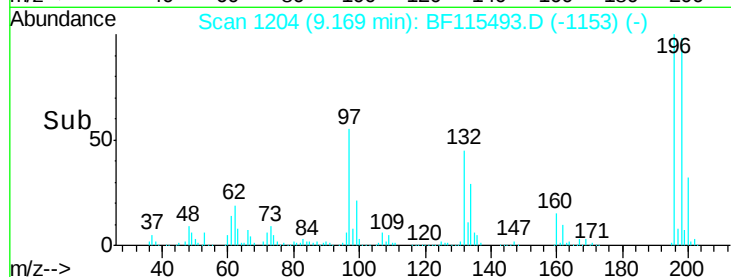
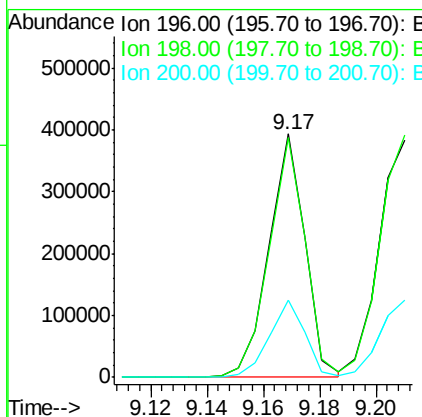
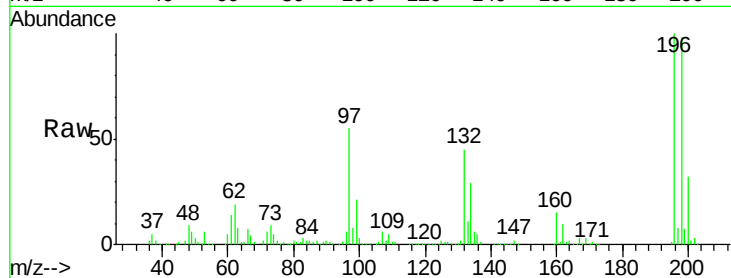




#43
 2,4,6-Trichlorophenol
 Concen: 40.693 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

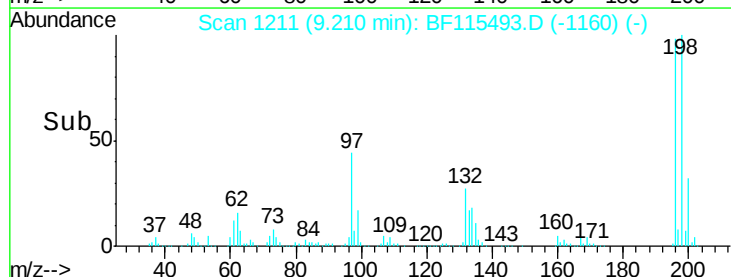
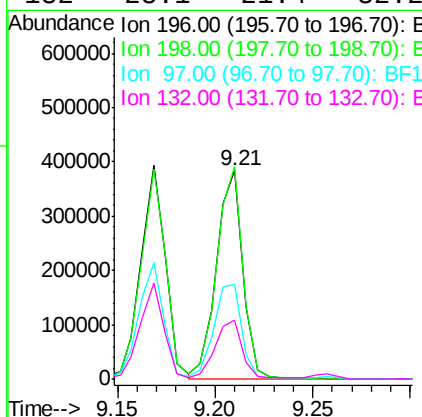
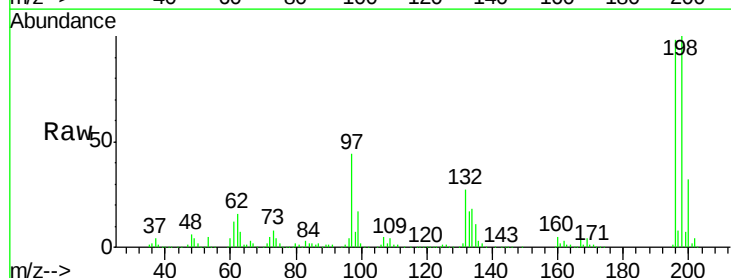
Instrument :
 BNA_F
 ClientSampled :

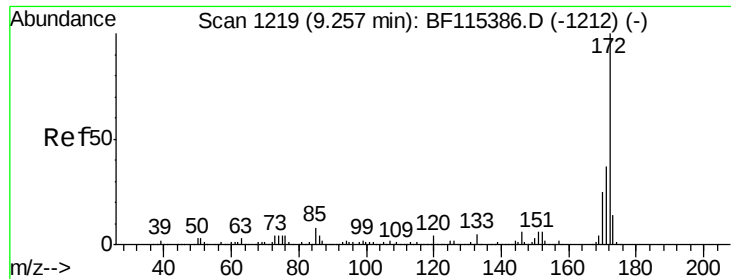
Tot Ion:196 Resp: 348138
 Ion Ratio Lower Upper
 196 100
 198 98.2 78.2 117.4
 200 31.5 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.413 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Tgt Ion:196 Resp: 358514
 Ion Ratio Lower Upper
 196 100
 198 102.3 80.6 120.8
 97 45.4 34.0 51.0
 132 28.1 21.4 32.2

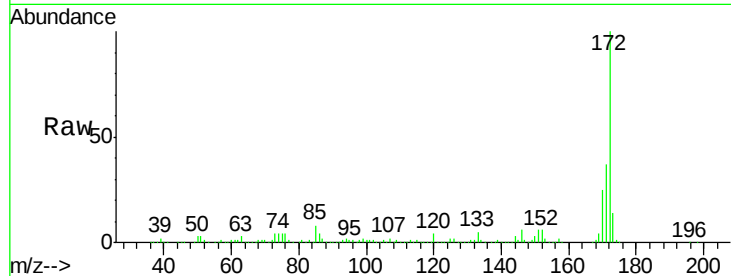




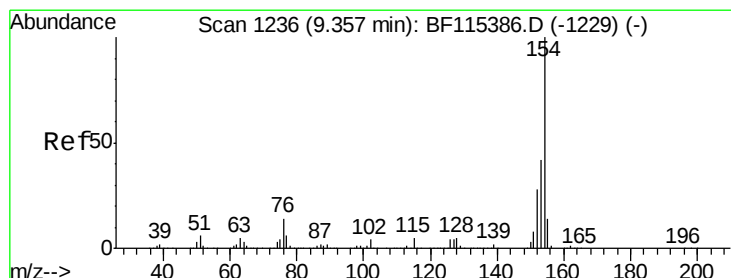
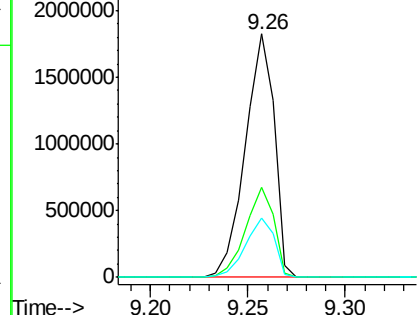
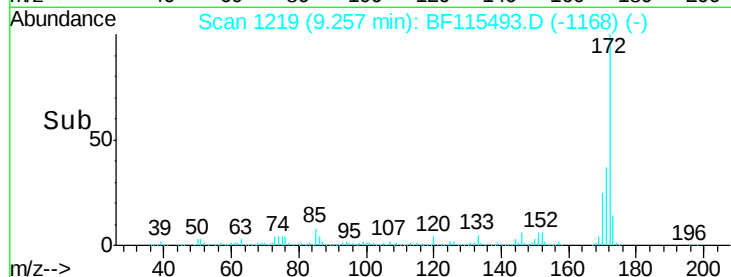
#45
2-Fluorobiphenyl
Concen: 80.898 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1883181
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.8
170 24.6 20.0 30.0

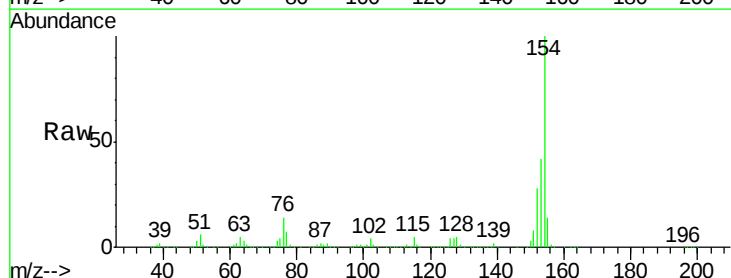


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

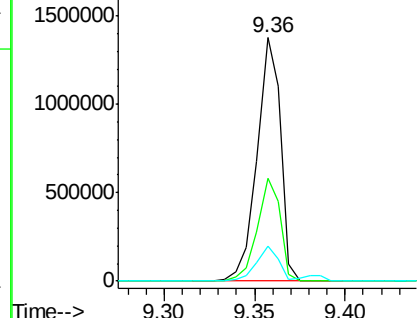
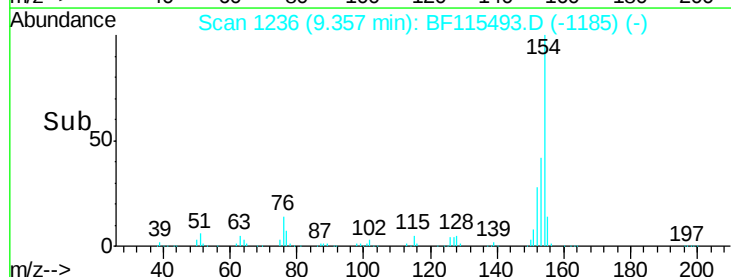


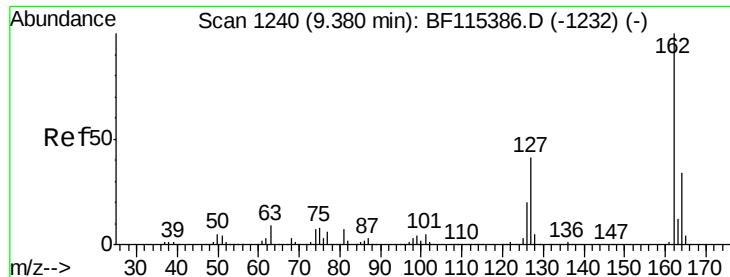
#46
1,1'-Biphenyl
Concen: 38.591 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:154 Resp: 1239270
Ion Ratio Lower Upper
154 100
153 42.1 21.5 61.5
76 14.4 0.0 34.6



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

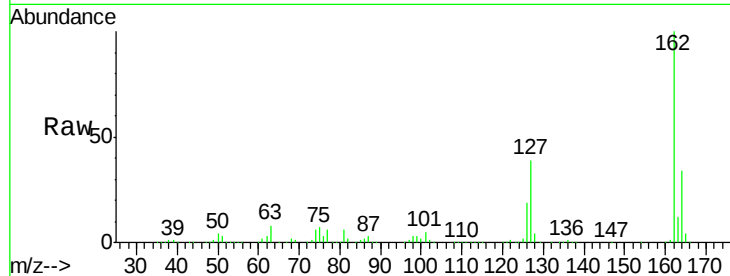




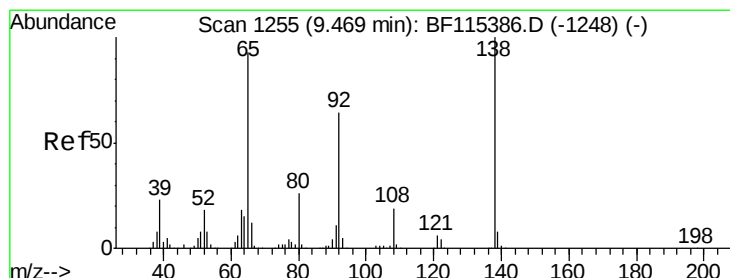
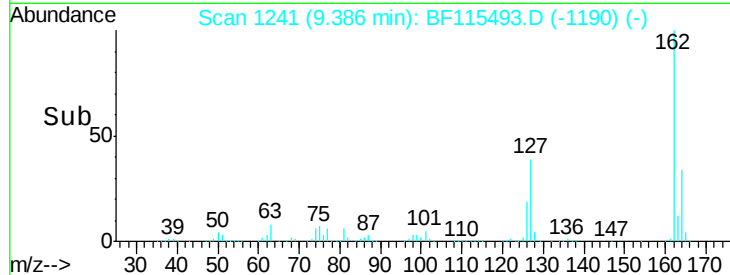
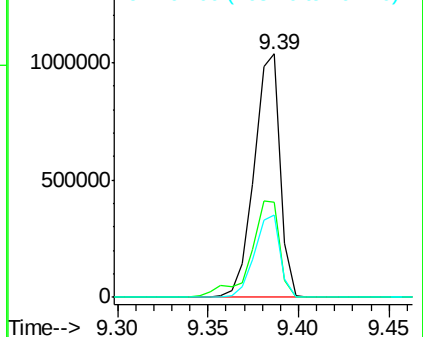
#47
 2-Chloronaphthalene
 Concen: 38.932 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1033268
 Ion Ratio Lower Upper
 162 100
 127 39.1 31.4 47.0
 164 33.8 27.2 40.8

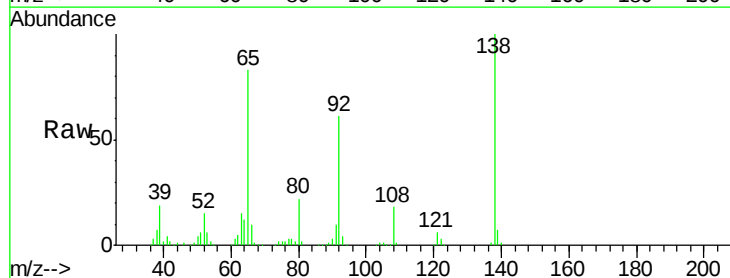


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

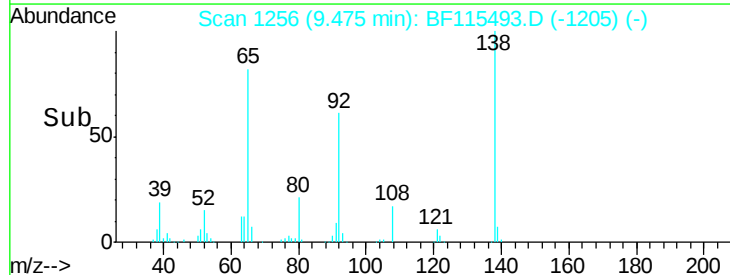
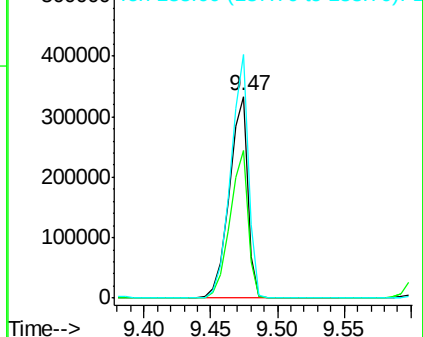


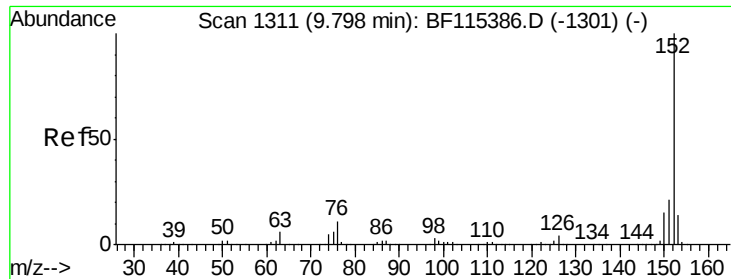
#48
 2-Nitroaniline
 Concen: 42.074 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Tgt Ion: 65 Resp: 328075
 Ion Ratio Lower Upper
 65 100
 92 73.2 59.0 88.4
 138 120.8 98.3 147.5



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: 38.101 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

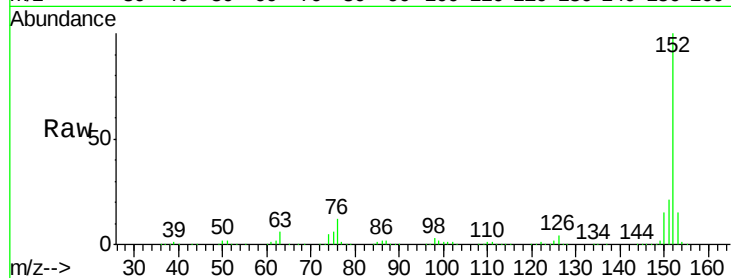
Tot Ion:152 Resp: 1531044

Ion Ratio Lower Upper

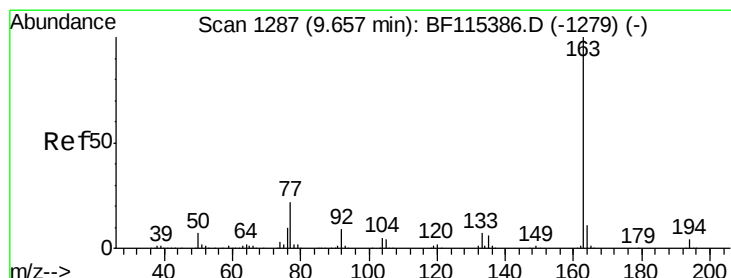
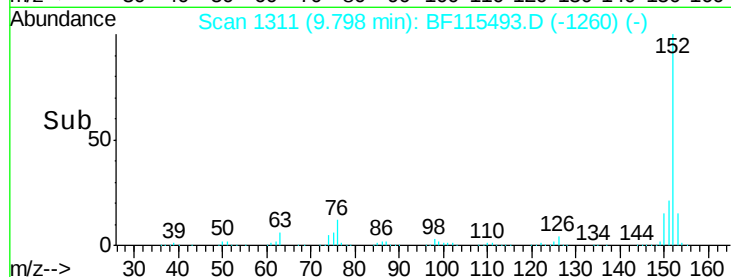
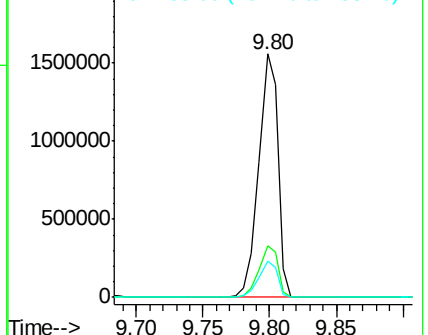
152 100

151 21.5 17.1 25.7

153 14.7 11.8 17.6



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: 39.279 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

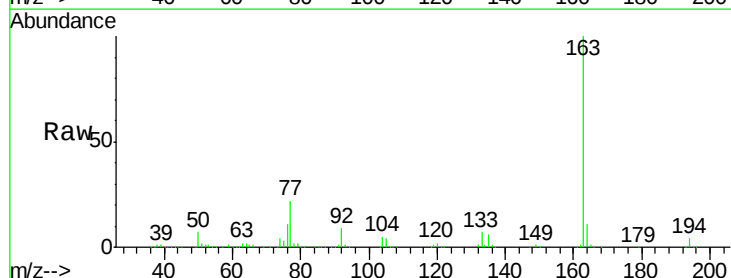
Tgt Ion:163 Resp: 1204259

Ion Ratio Lower Upper

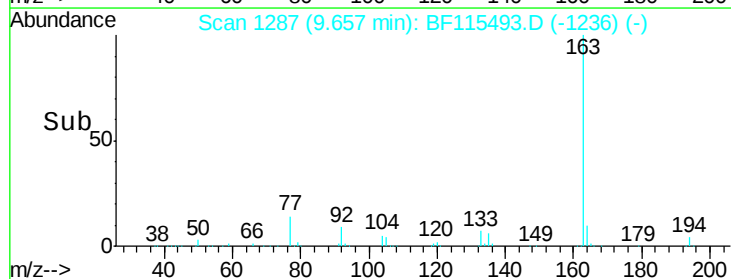
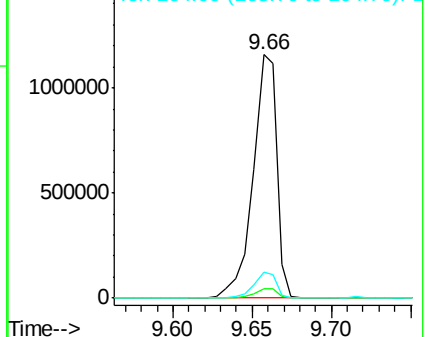
163 100

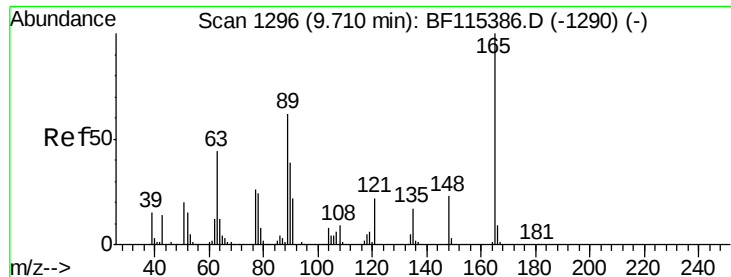
194 4.0 3.1 4.7

164 10.5 8.6 13.0



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

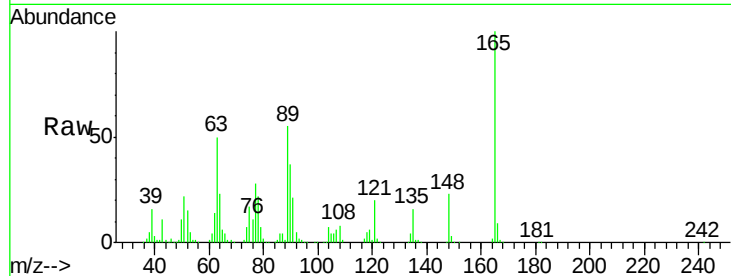




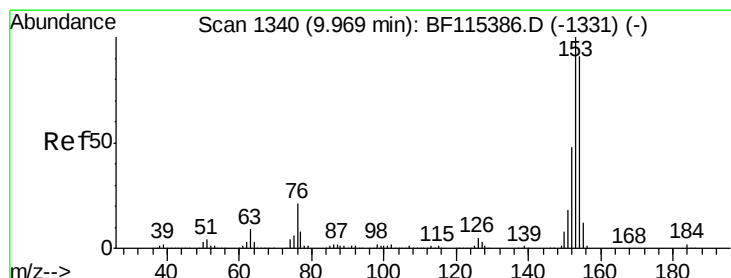
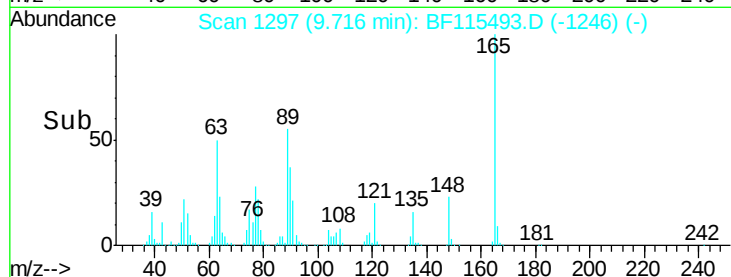
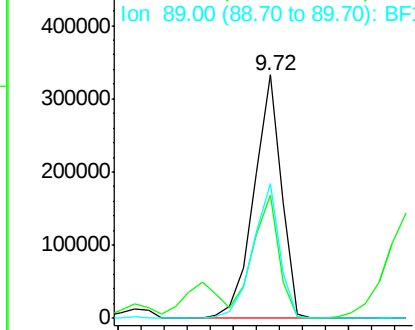
#51
2,6-Dinitrotoluene
Concen: 41.654 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 276970
Ion Ratio Lower Upper
165 100
63 50.5 39.7 59.5
89 55.4 42.8 64.2

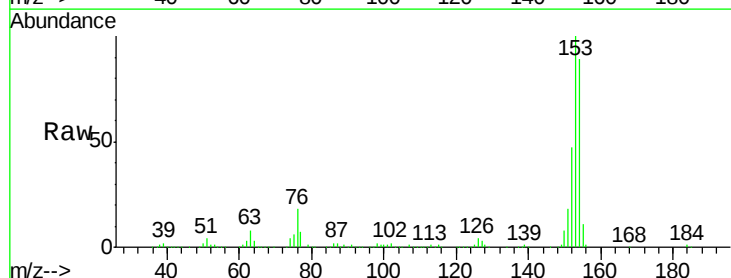


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

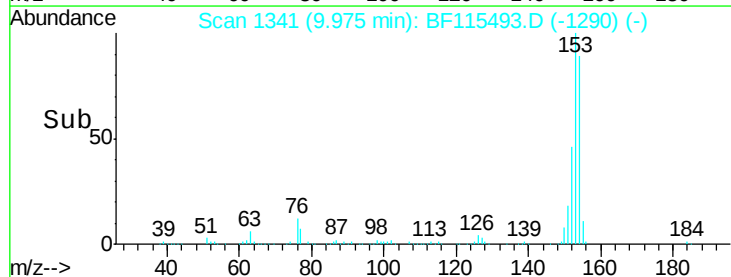
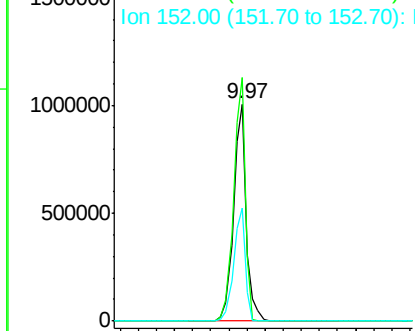


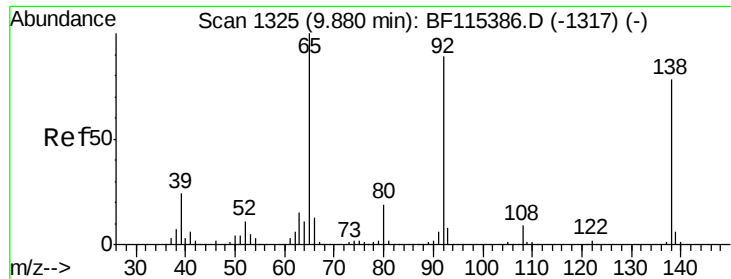
#52
Acenaphthene
Concen: 38.839 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:154 Resp: 982234
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.8
152 52.3 41.4 62.0



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

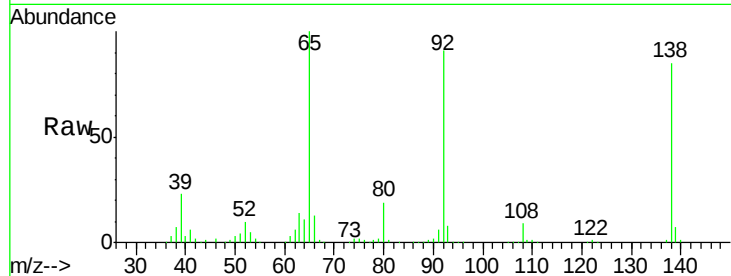




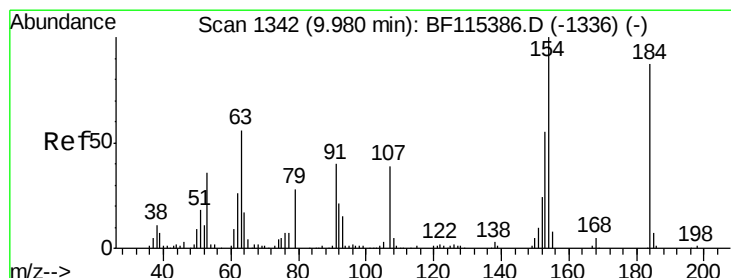
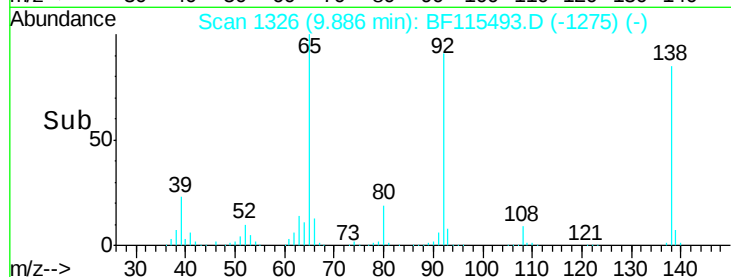
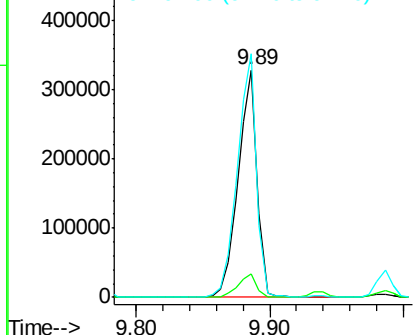
#53
3-Nitroaniline
Concen: 42.011 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 324442
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 107.1 86.1 129.1

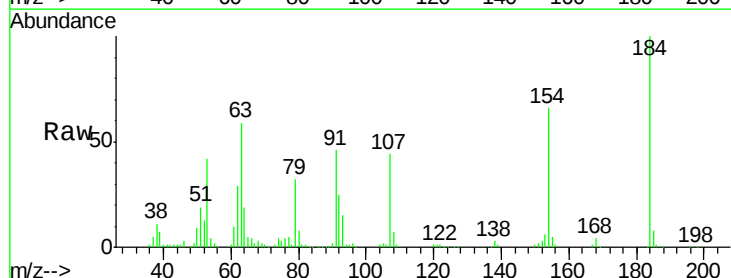


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

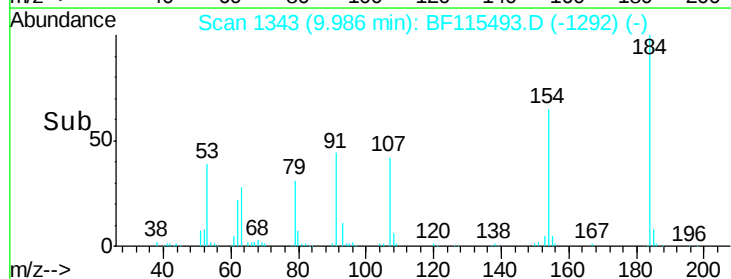
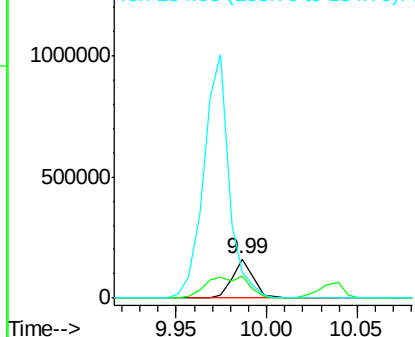


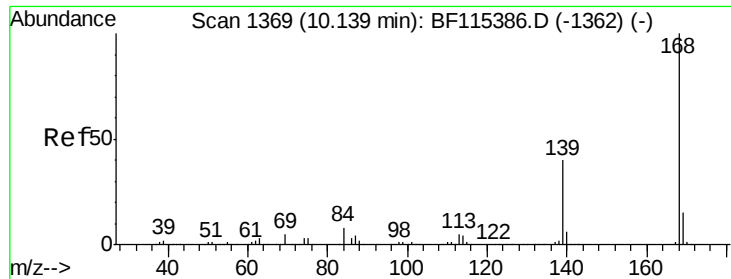
#54
2,4-Dinitrophenol
Concen: 49.905 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:184 Resp: 131298
Ion Ratio Lower Upper
184 100
63 58.5 45.8 68.6
154 65.6 52.8 79.2



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

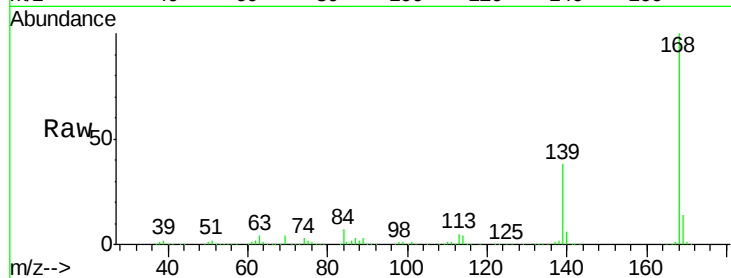




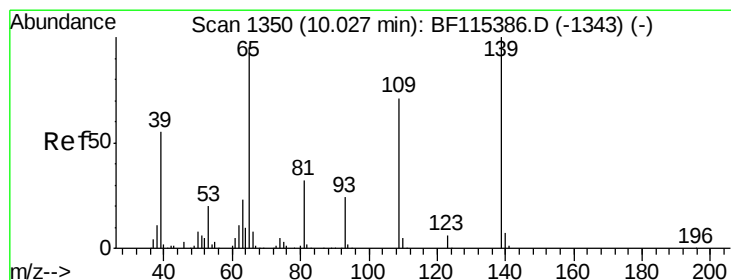
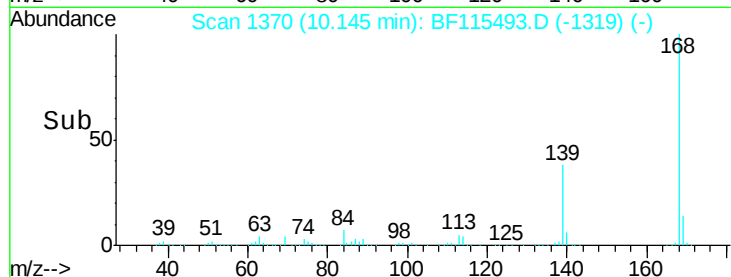
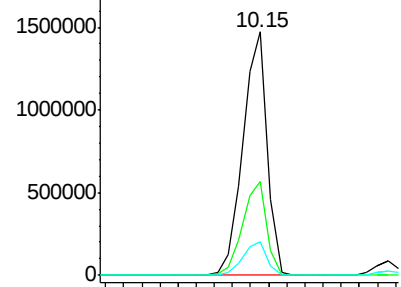
#55
Dibenzenofuran
Concen: 38.325 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1365303
Ion Ratio Lower Upper
168 100
139 38.3 30.6 46.0
169 13.8 11.0 16.6

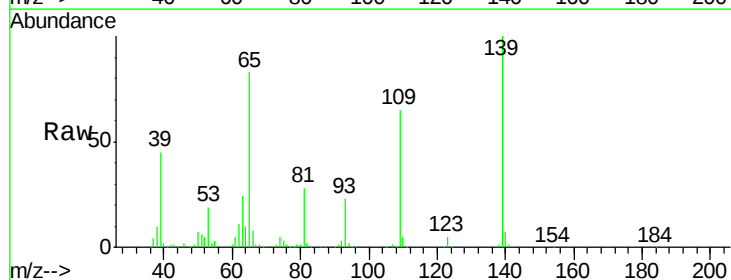


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

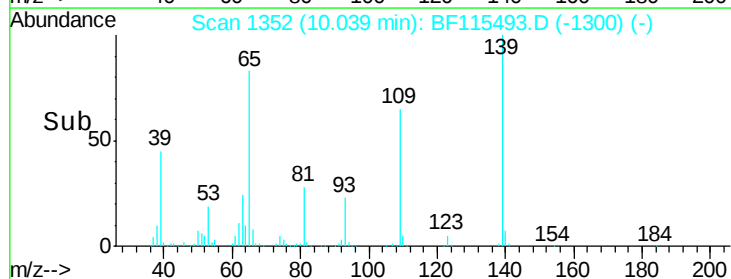
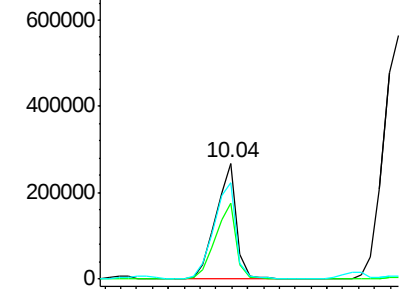


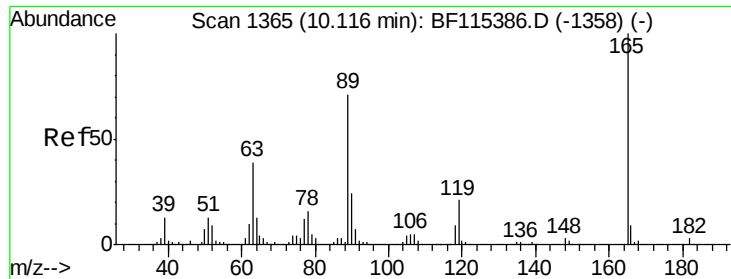
#56
4-Nitrophenol
Concen: 41.211 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:139 Resp: 246238
Ion Ratio Lower Upper
139 100
109 65.1 46.4 86.4
65 83.4 73.4 113.4



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

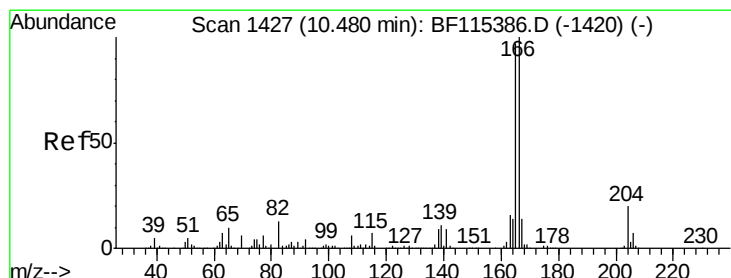
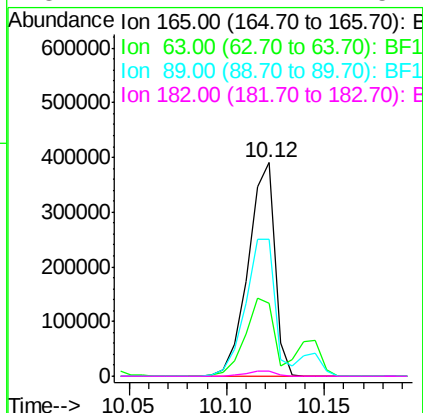
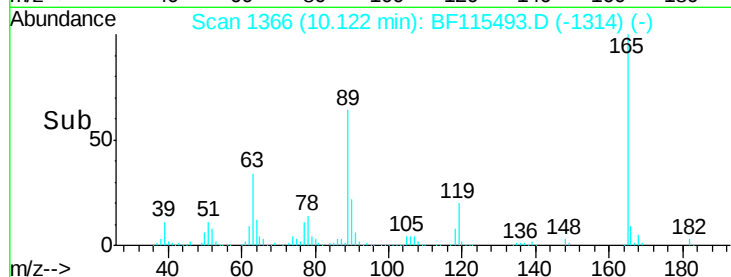
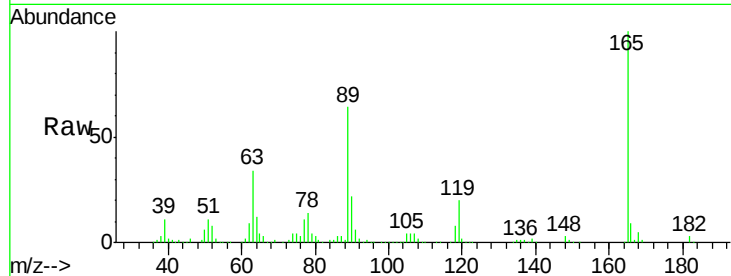




#57
2,4-Dinitrotoluene
Concen: 43.778 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

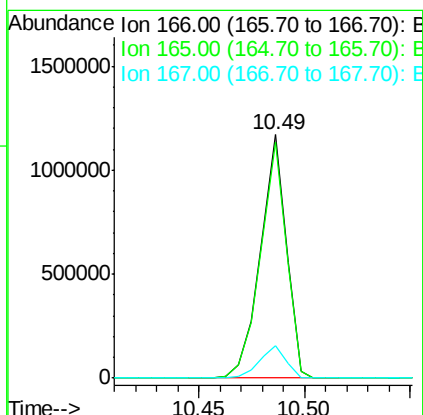
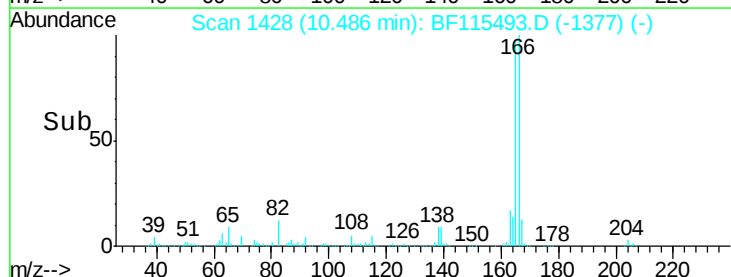
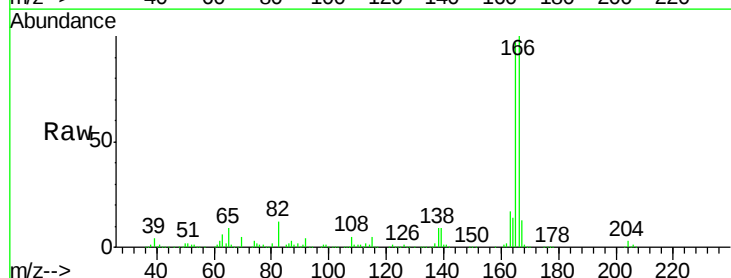
Instrument :
BNA_F
ClientSampled :

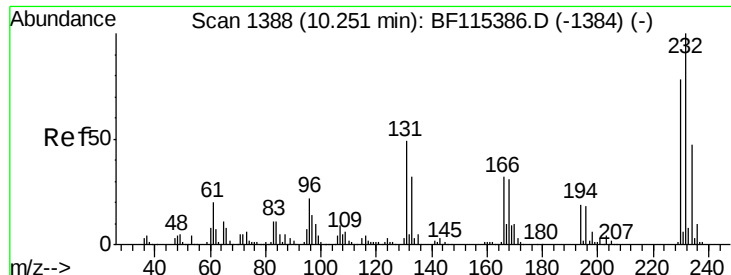
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.3	33.0	49.4
89	64.0	58.5	87.7
182	2.7	2.1	3.1



#58
Fluorene
Concen: 35.858 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.7	118.1
167	13.4	10.8	16.2

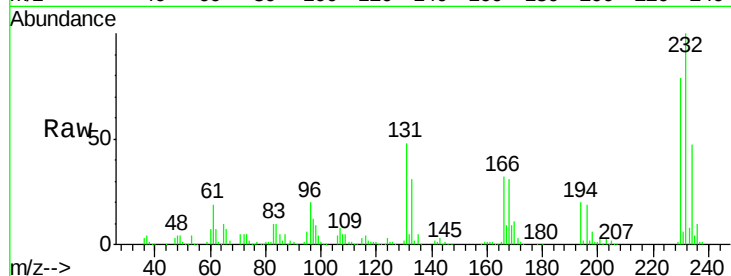




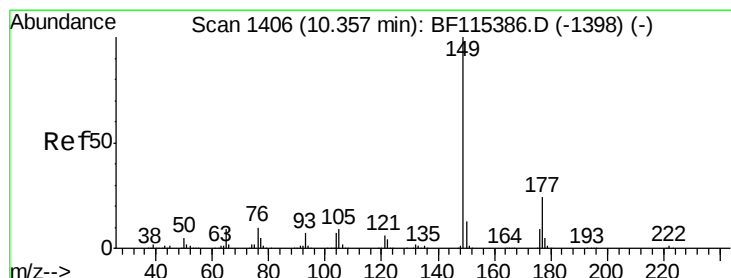
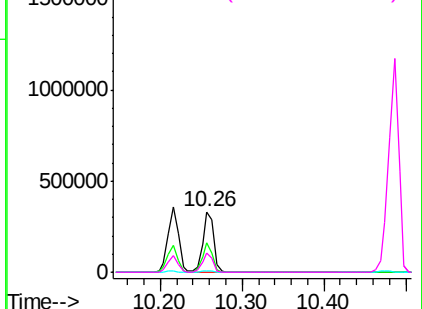
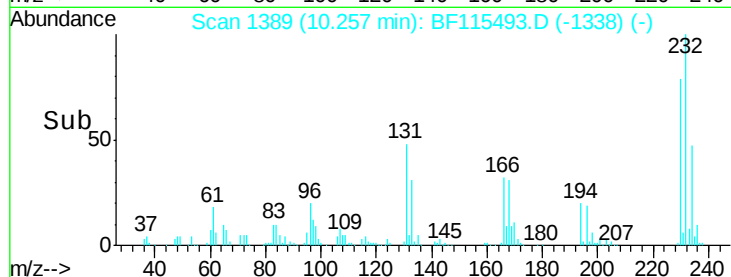
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.640 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 311449
 Ion Ratio Lower Upper
 232 100
 131 44.3 35.4 53.0
 130 2.1 1.7 2.5
 166 30.3 24.8 37.2

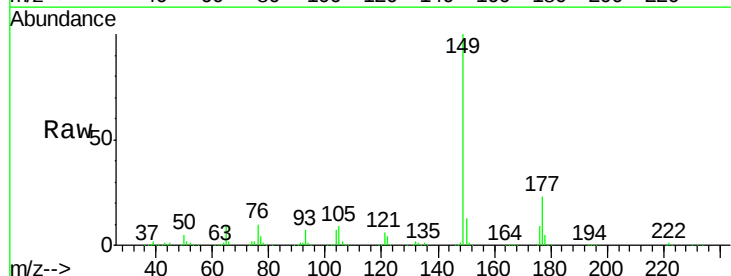


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

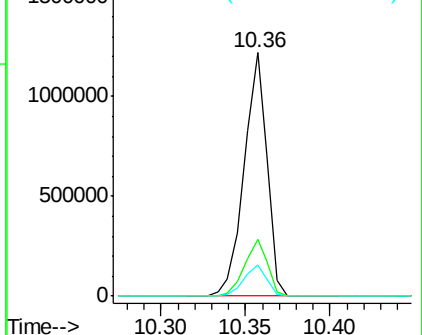
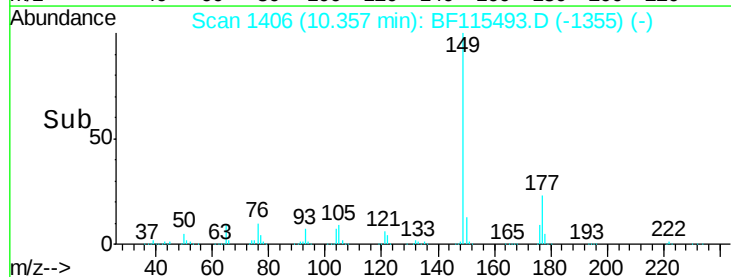


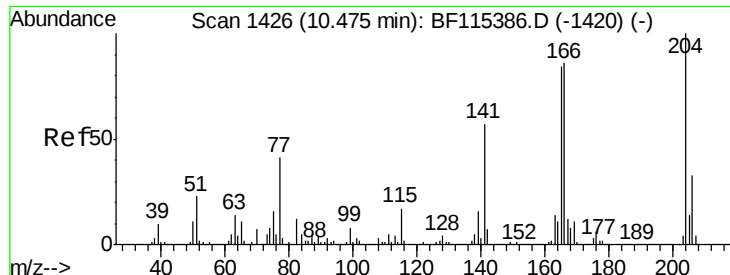
#60
 Diethylphthalate
 Concen: 38.203 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Tgt Ion:149 Resp: 1152880
 Ion Ratio Lower Upper
 149 100
 177 23.5 19.0 28.4
 150 12.8 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

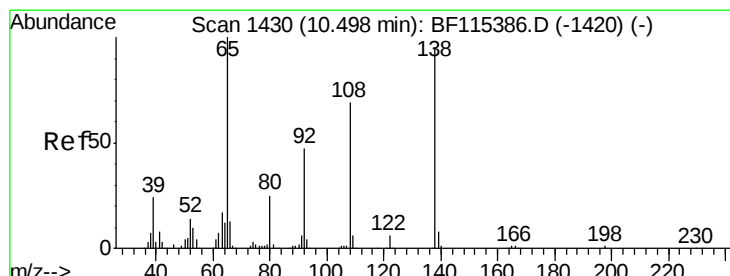
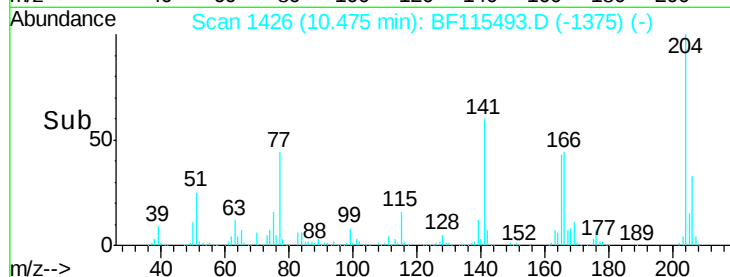
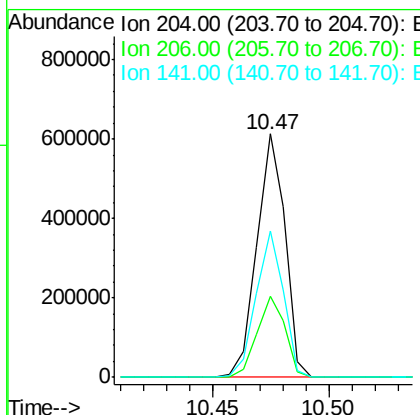
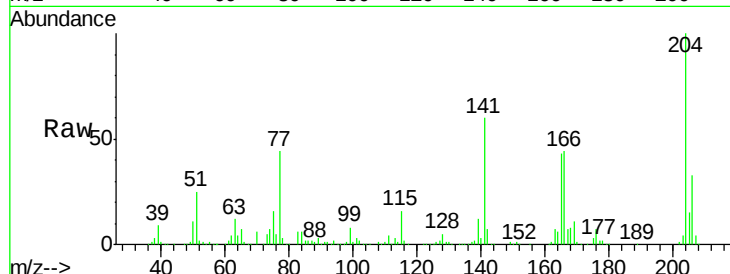




#61
4-Chlorophenyl-phenylether
Concen: 38.235 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

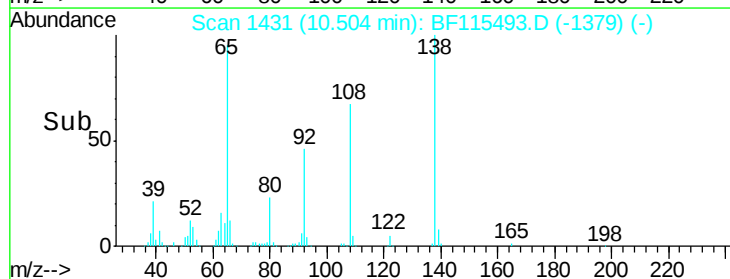
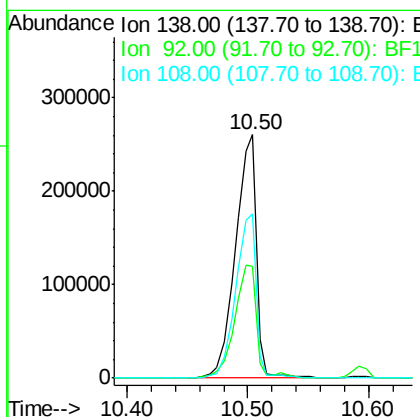
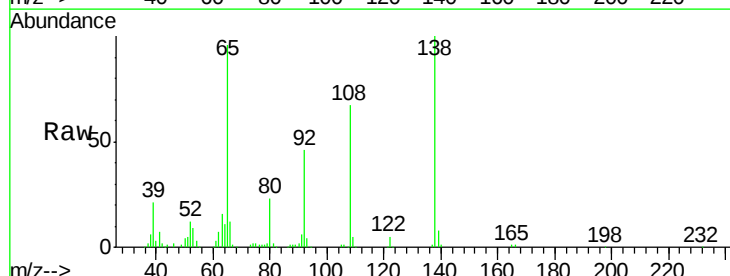
Instrument :
BNA_F
ClientSampleId :

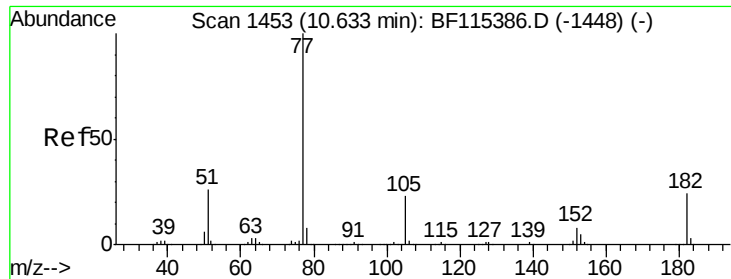
Tot Ion:204 Resp: 524073
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 60.0 47.9 71.9



#62
4-Nitroaniline
Concen: 41.680 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:138 Resp: 315958
Ion Ratio Lower Upper
138 100
92 46.1 29.9 69.9
108 67.3 49.0 89.0





#63

Azobenzene

Concen: 35.998 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1119802

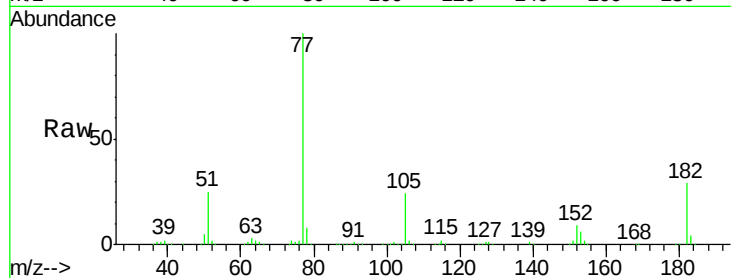
Ion Ratio Lower Upper

77 100

182 28.9 7.7 47.7

105 23.8 3.6 43.6

51 24.5 4.8 44.8

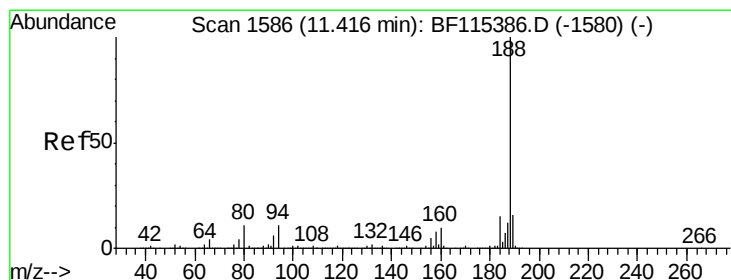
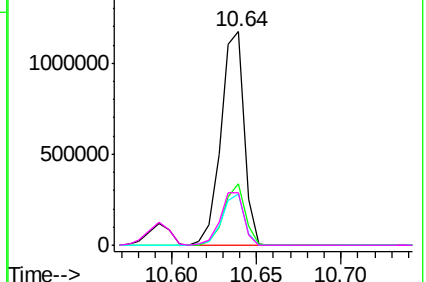
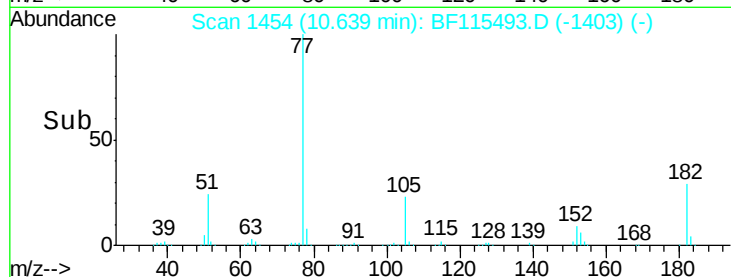


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

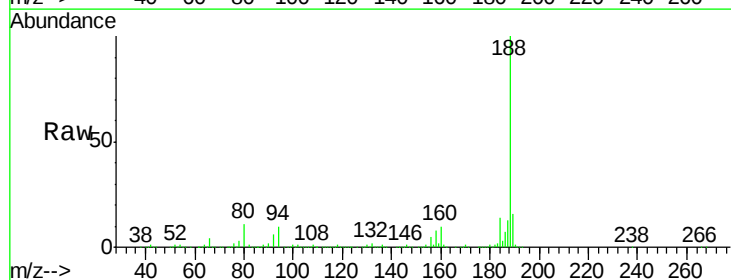
Tgt Ion: 188 Resp: 786386

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.8

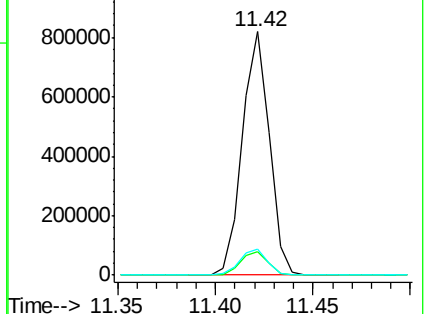
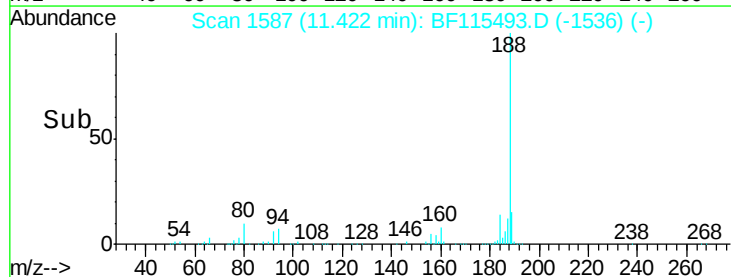
80 10.6 8.4 12.6

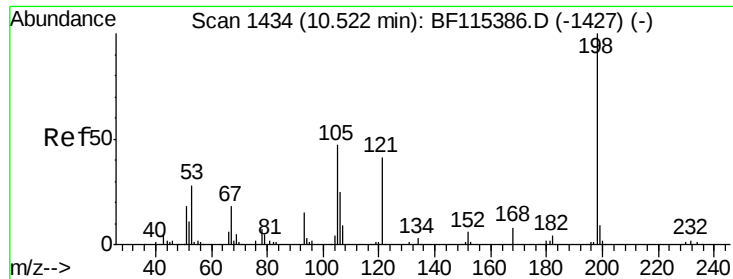


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

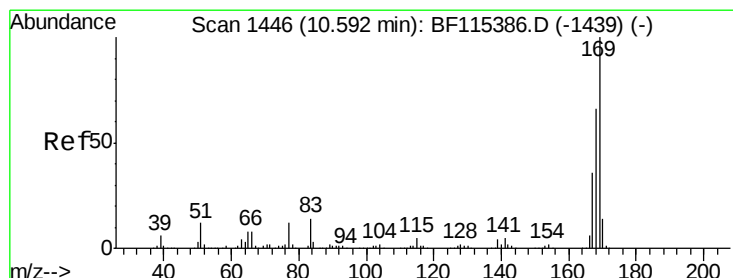
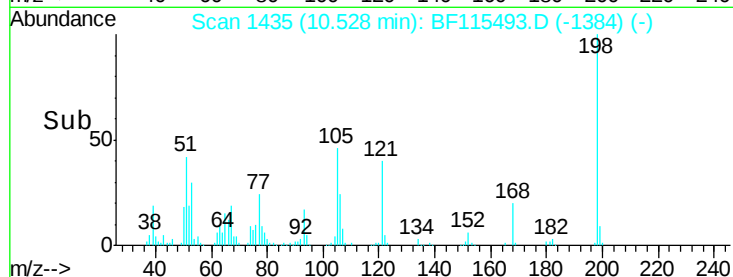
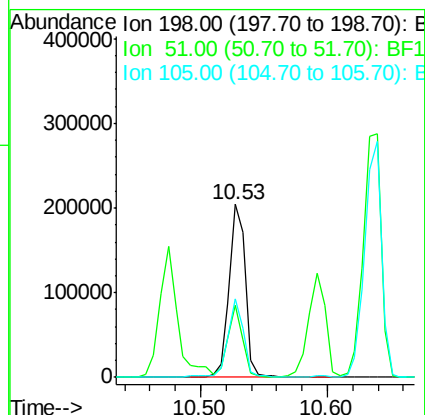
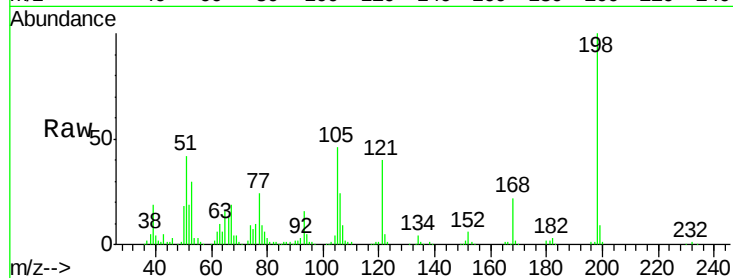




#65
4,6-Dinitro-2-methylphenol
Concen: 48.292 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

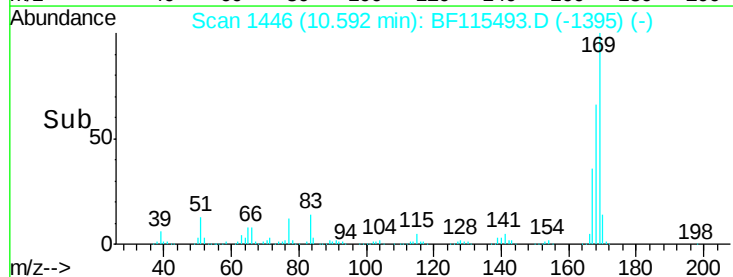
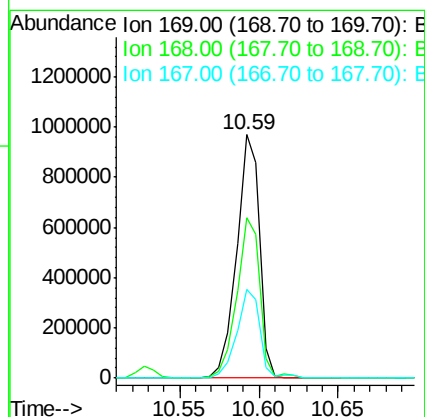
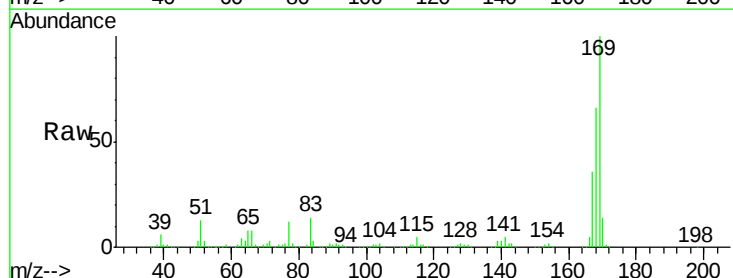
Instrument :
BNA_F
ClientSampleId :

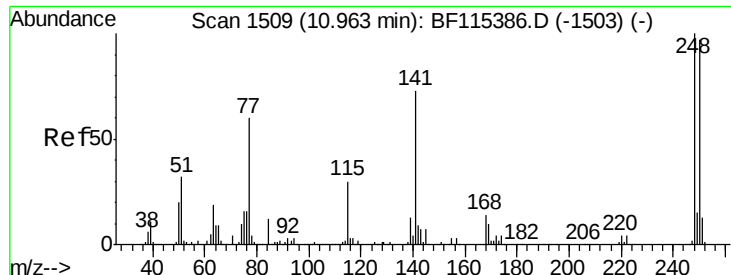
Tot Ion:198 Resp: 182046
Ion Ratio Lower Upper
198 100
51 41.8 20.7 60.7
105 45.7 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 38.743 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:169 Resp: 959954
Ion Ratio Lower Upper
169 100
168 66.0 53.2 79.8
167 36.5 29.4 44.2

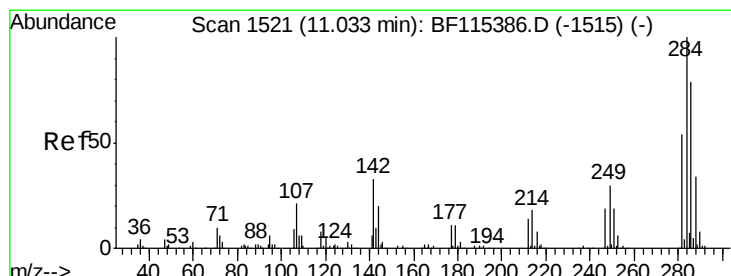
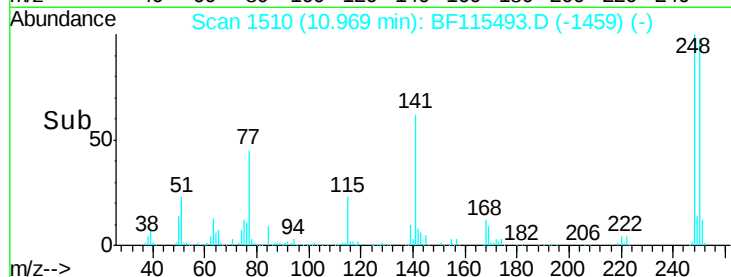
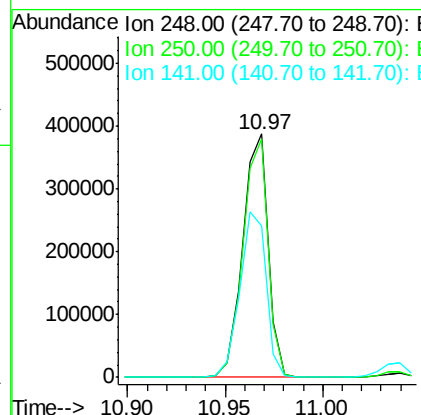
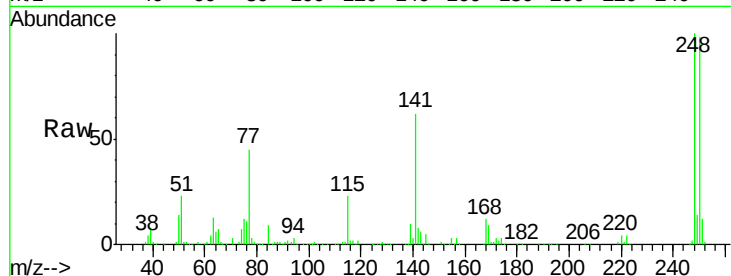




#67
 4-Bromophenyl-phenylether
 Concen: 39.596 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

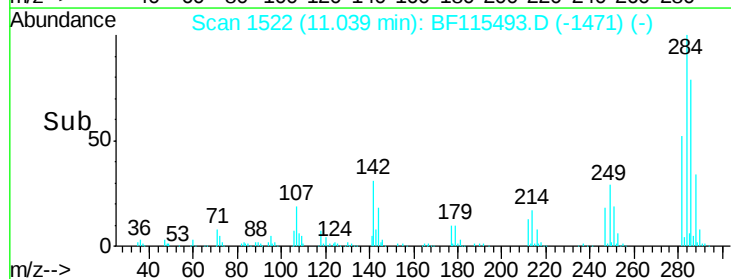
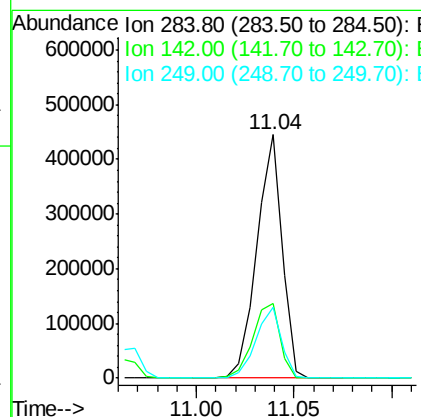
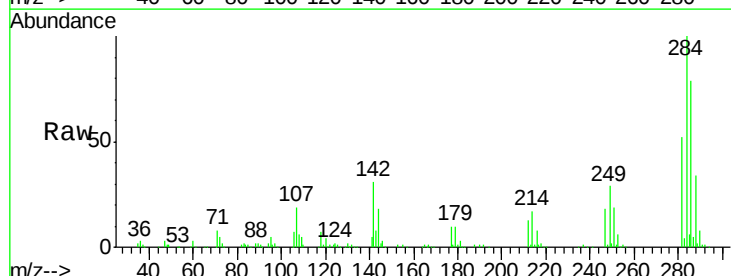
Instrument :
 BNA_F
 ClientSampled :

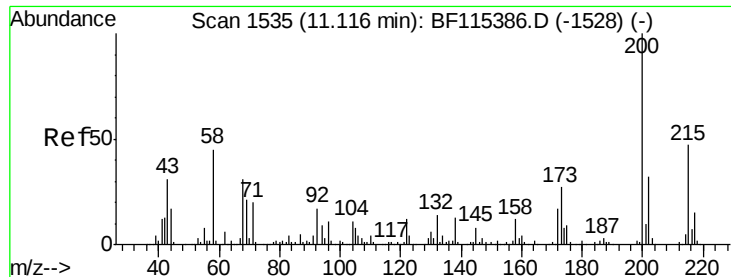
Tot Ion:248 Resp: 349392
 Ion Ratio Lower Upper
 248 100
 250 98.1 78.3 117.5
 141 62.4 52.2 78.2



#68
 Hexachlorobenzene
 Concen: 40.236 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Tgt Ion:284 Resp: 398392
 Ion Ratio Lower Upper
 284 100
 142 30.6 23.9 35.9
 249 29.0 23.6 35.4

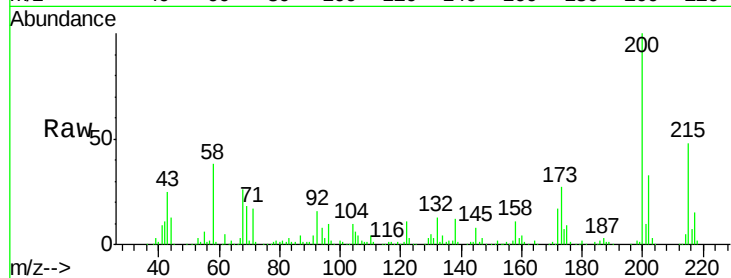




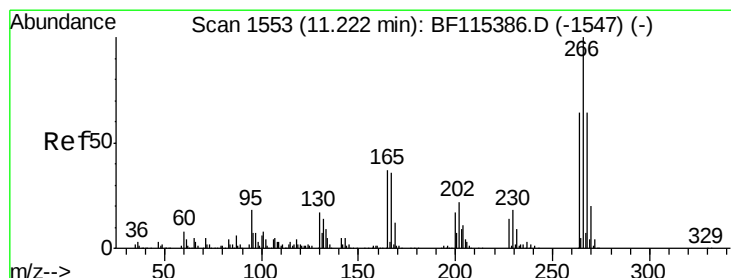
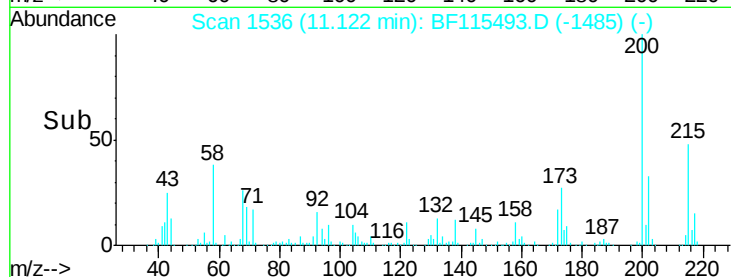
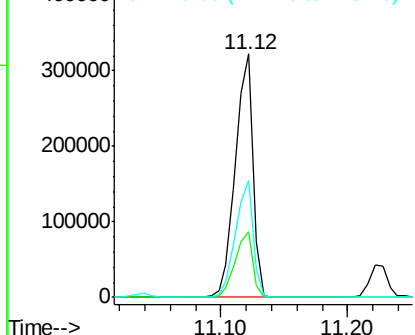
#69
 Atrazine
 Concen: 40.067 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 307240
 Ion Ratio Lower Upper
 200 100
 173 26.9 7.0 47.0
 215 48.2 27.8 67.8

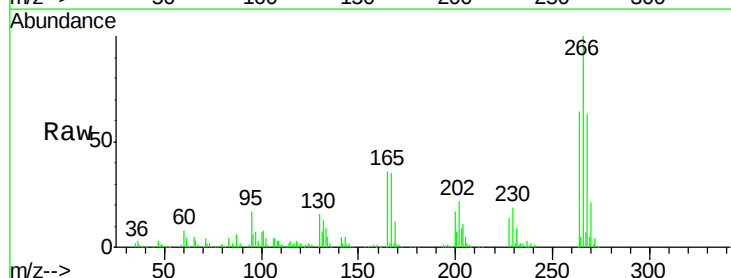


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

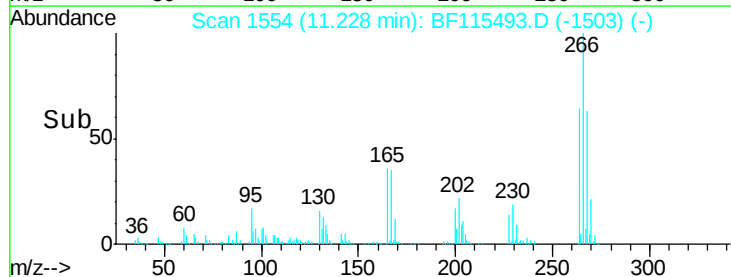
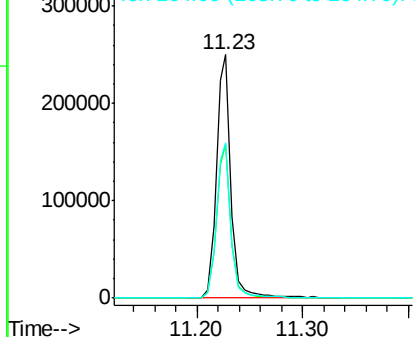


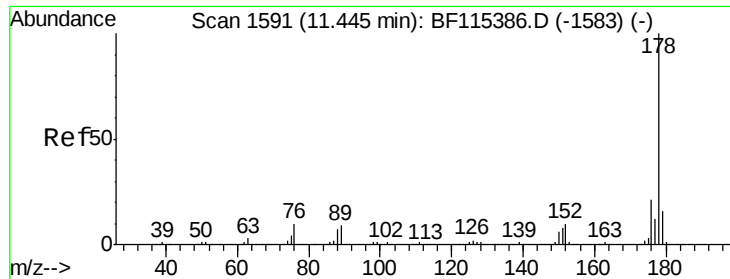
#70
 Pentachlorophenol
 Concen: 40.646 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Tgt Ion:266 Resp: 245267
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.2 76.8
 264 63.7 50.6 75.8



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

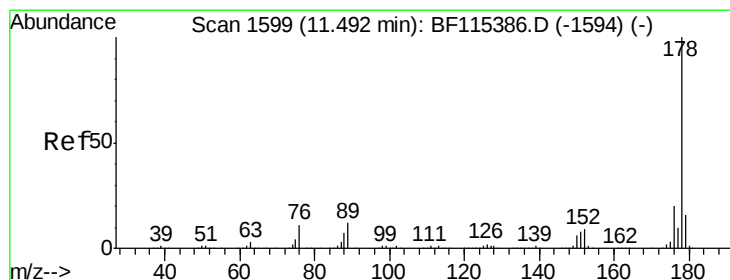
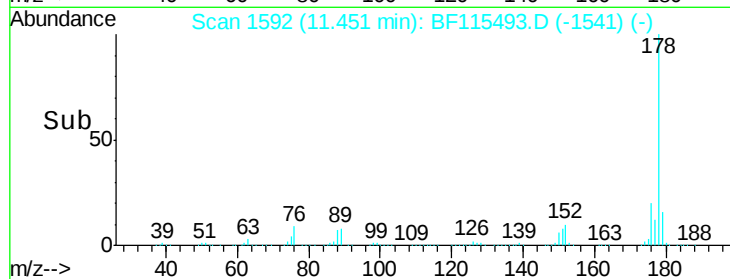
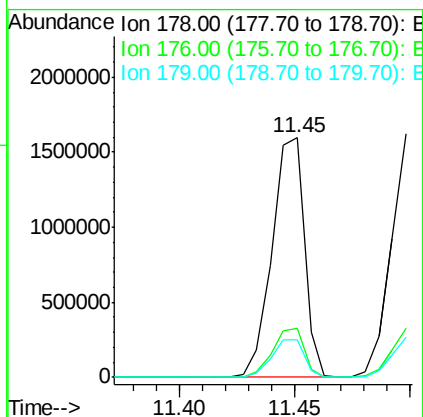
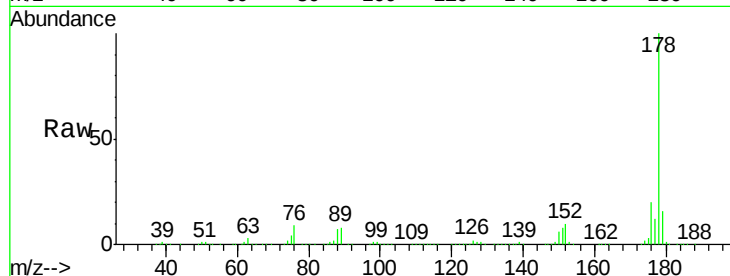




#71
Phenanthrene
Concen: 37.682 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

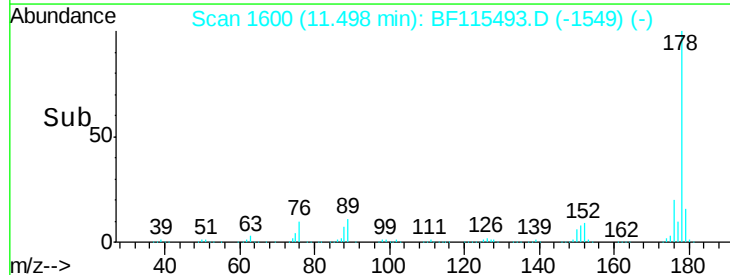
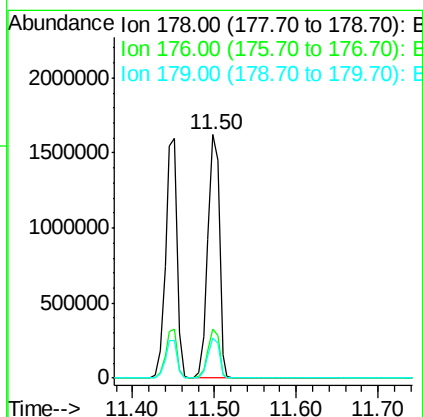
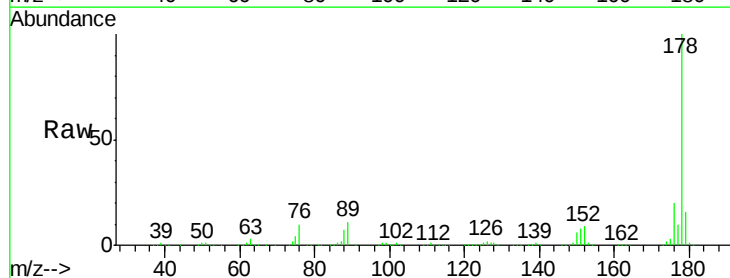
Instrument :
BNA_F
ClientSampleId :

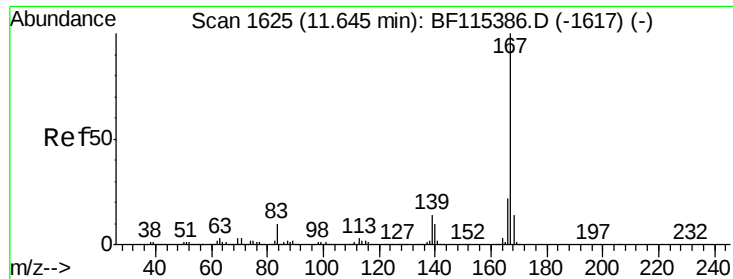
Tot Ion:178 Resp: 1558457
Ion Ratio Lower Upper
178 100
176 20.3 16.6 24.8
179 15.8 12.7 19.1



#72
Anthracene
Concen: 38.521 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:178 Resp: 1597553
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.4 13.0 19.6



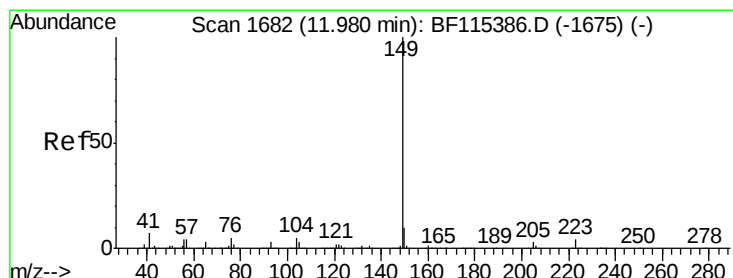
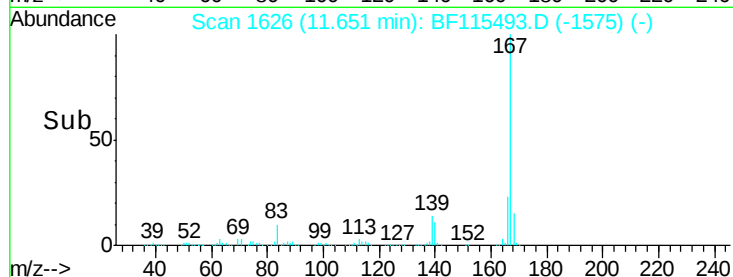
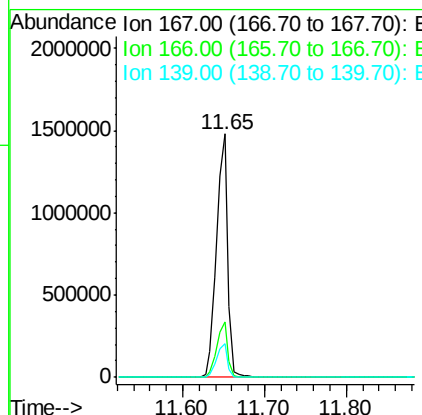
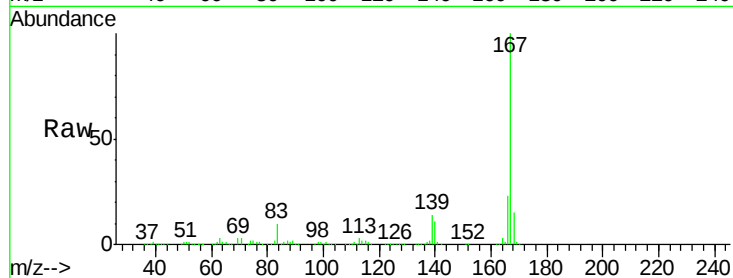


#73
 Carbazole
 Concen: 37.465 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1421480

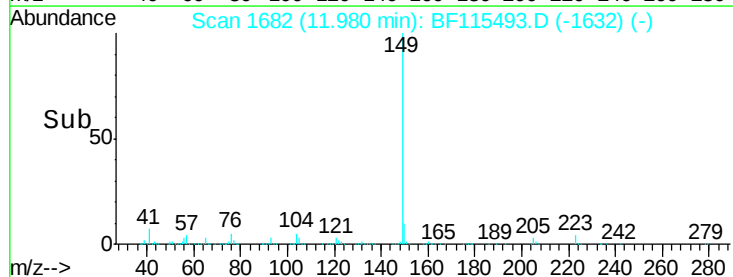
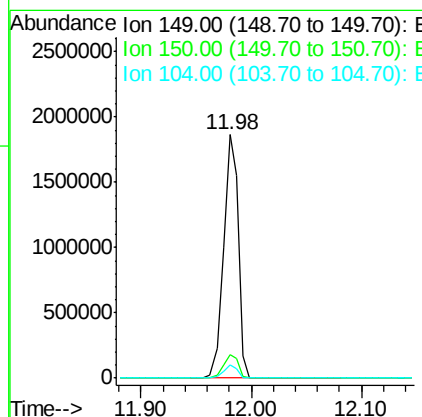
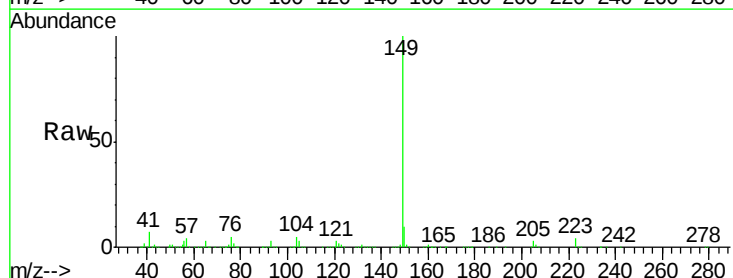
Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	13.9	10.9	16.3

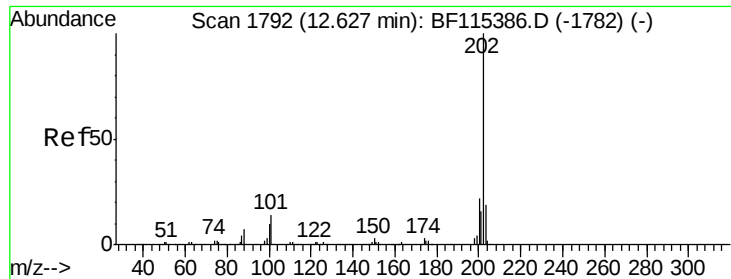


#74
 Di-n-butylphthalate
 Concen: 37.375 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Tgt Ion:149 Resp: 1713779

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.2	3.9	5.9





#75

Fluoranthene

Concen: 36.991 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

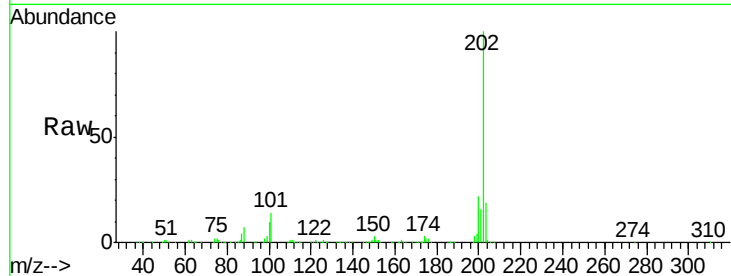
Tot Ion:202 Resp: 1610836

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.9

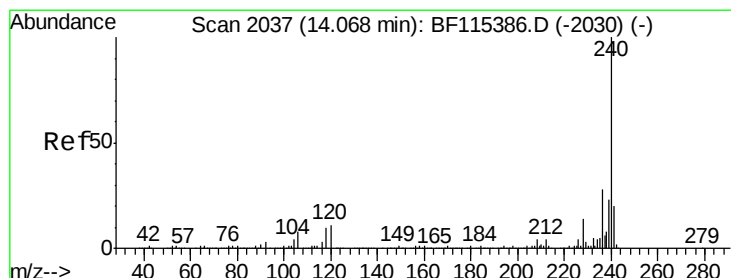
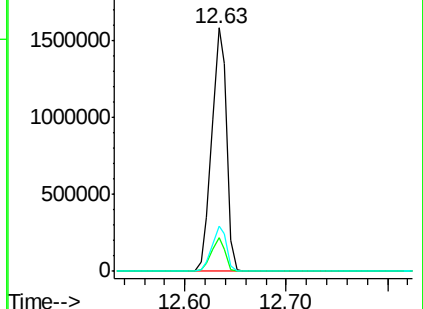
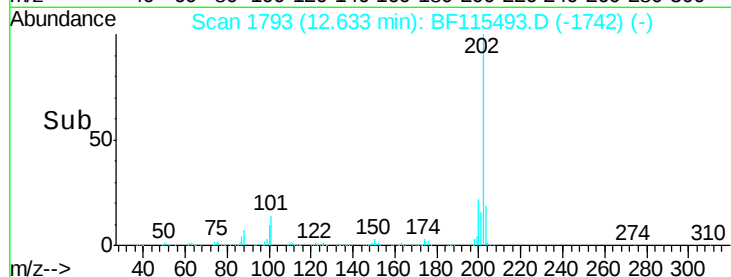
203 18.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

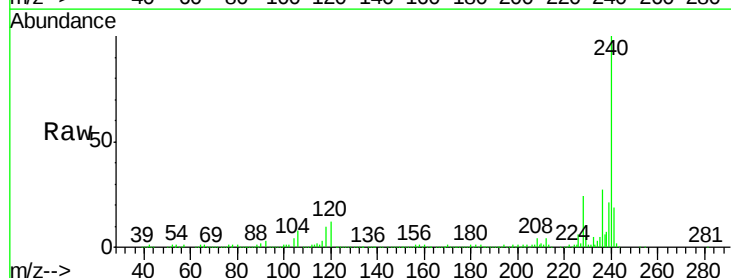
Tgt Ion:240 Resp: 507722

Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.4

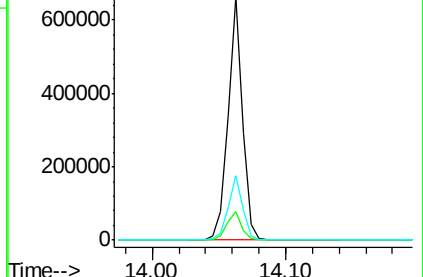
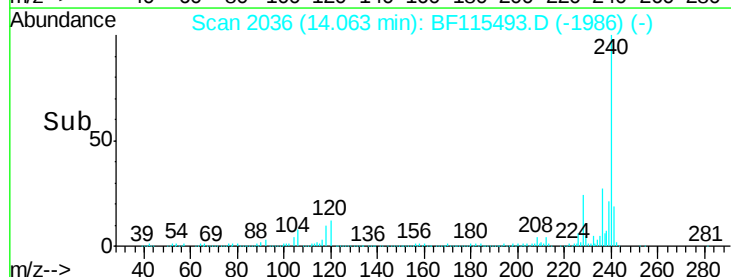
236 26.7 21.1 31.7

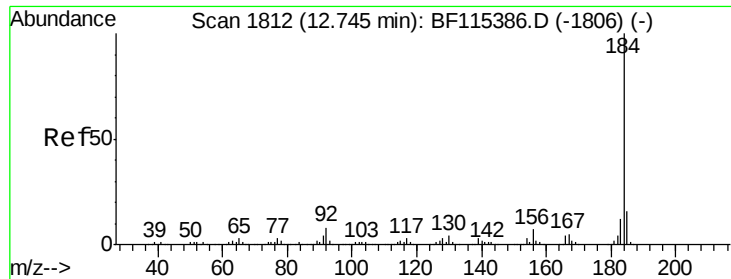


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.001 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

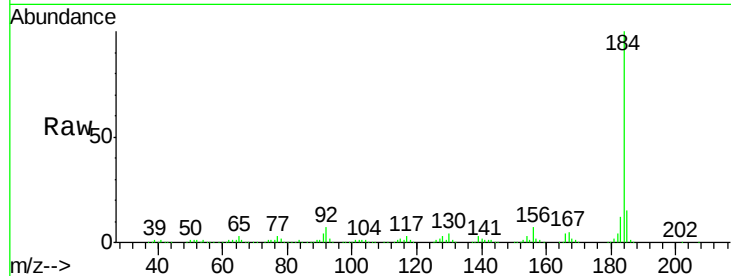
Tot Ion:184 Resp: 712794

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.6

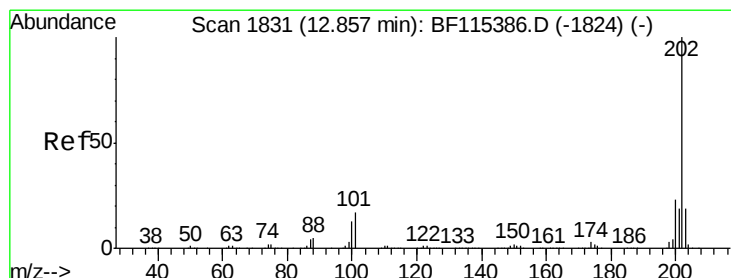
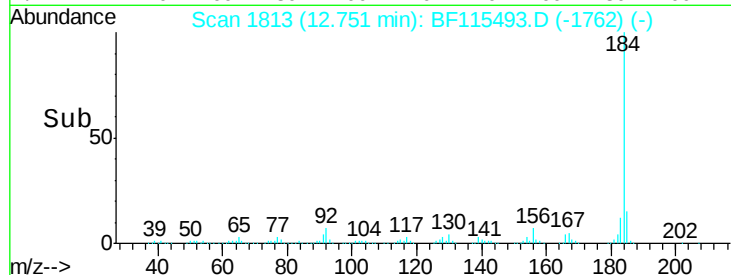
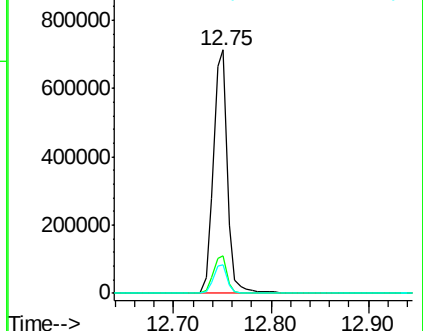
183 11.9 9.7 14.5



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: 41.134 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

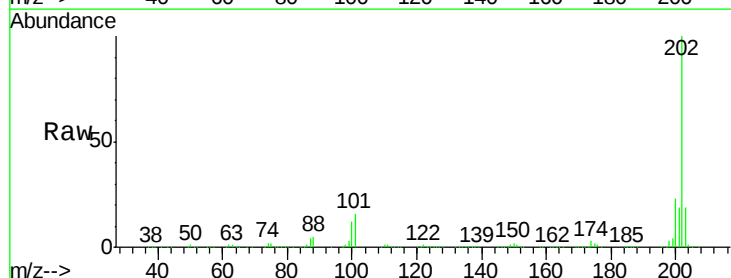
Tgt Ion:202 Resp: 1624086

Ion Ratio Lower Upper

202 100

200 23.0 17.6 26.4

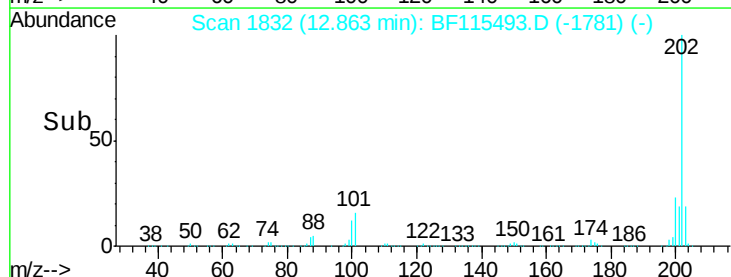
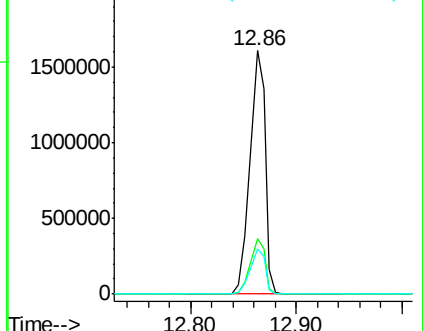
203 18.6 14.7 22.1

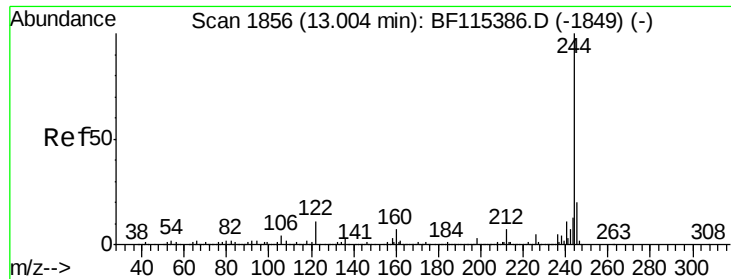


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.195 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampled :

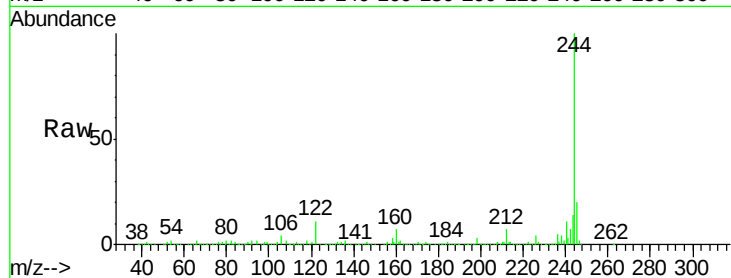
Tot Ion:244 Resp: 2038209

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

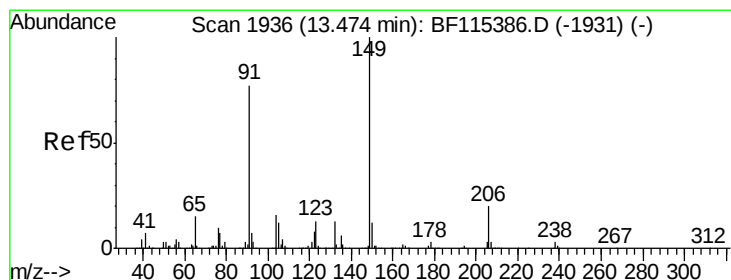
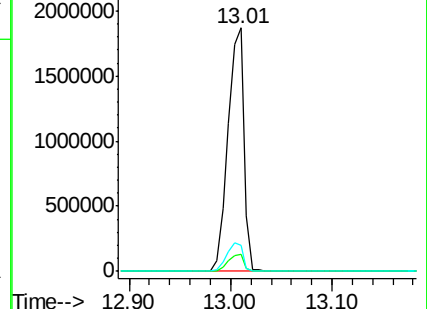
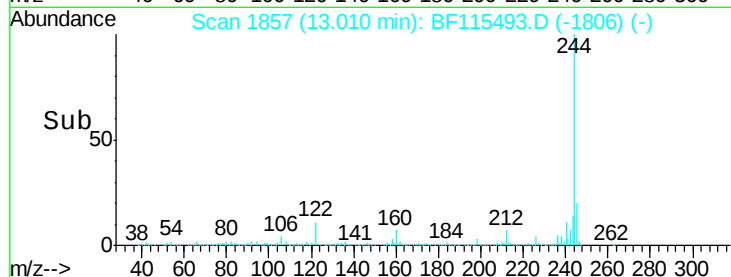
122 10.6 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.705 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

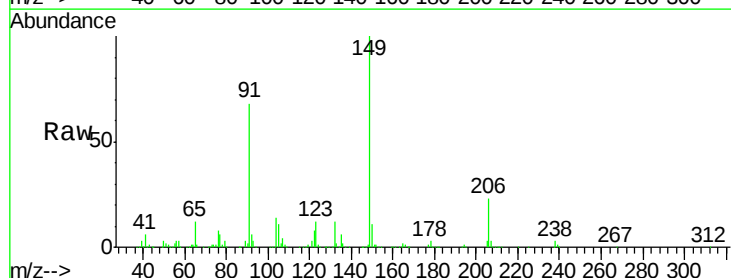
Tgt Ion:149 Resp: 702193

Ion Ratio Lower Upper

149 100

91 67.9 57.8 86.6

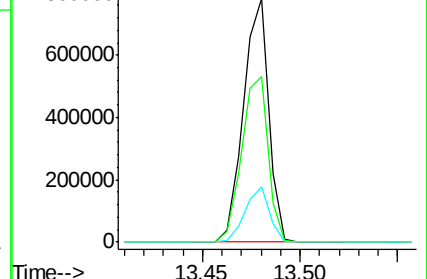
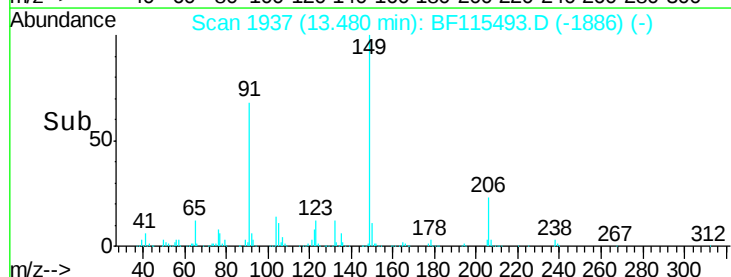
206 22.5 16.9 25.3

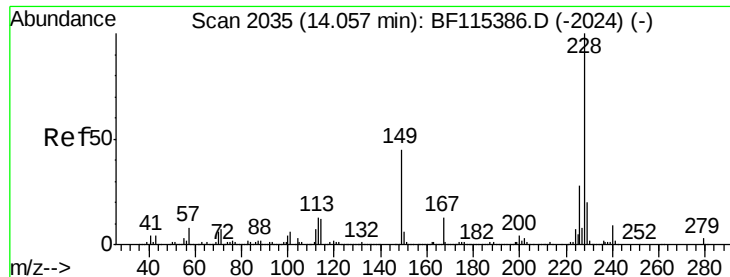


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.909 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Instrument :

BNA_F

ClientSampleId :

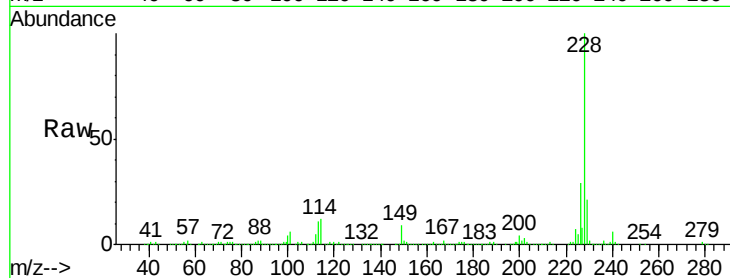
Tot Ion:228 Resp: 1298313

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

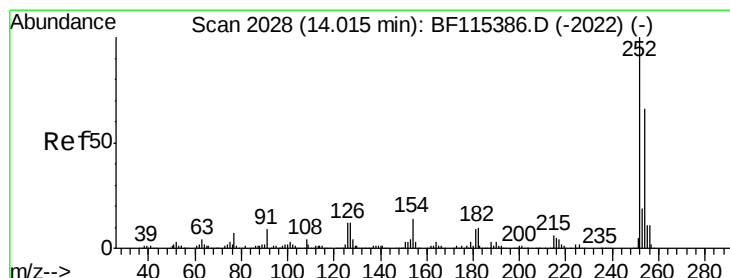
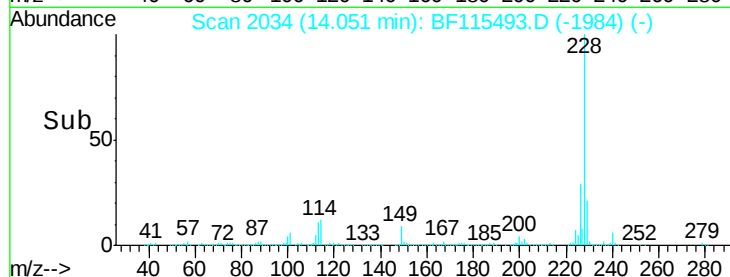
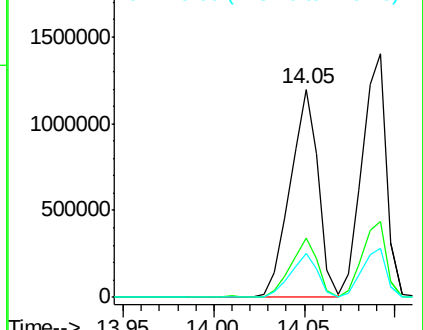
229 20.9 16.4 24.6



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: 39.855 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

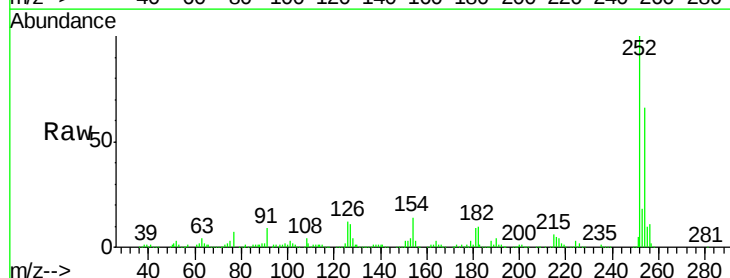
Tgt Ion:252 Resp: 470461

Ion Ratio Lower Upper

252 100

254 66.1 52.9 79.3

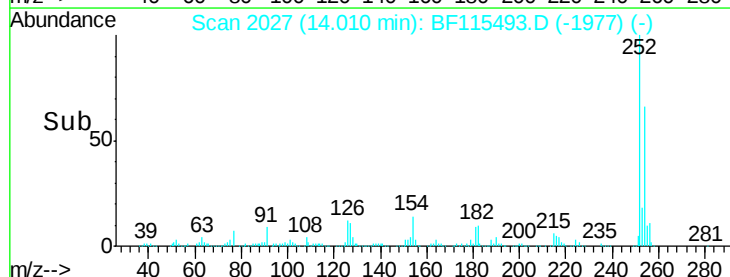
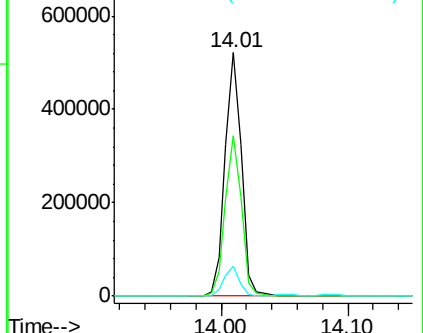
126 12.1 10.0 15.0

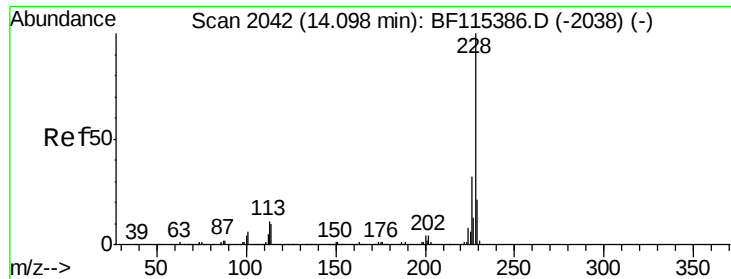


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

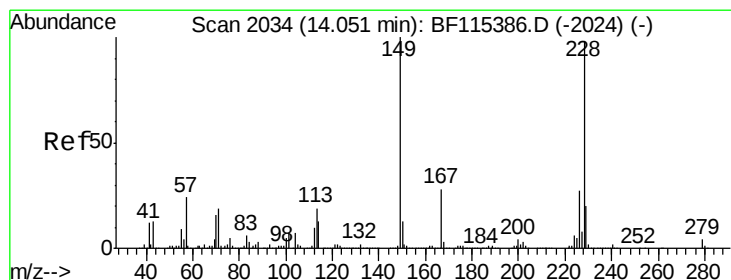
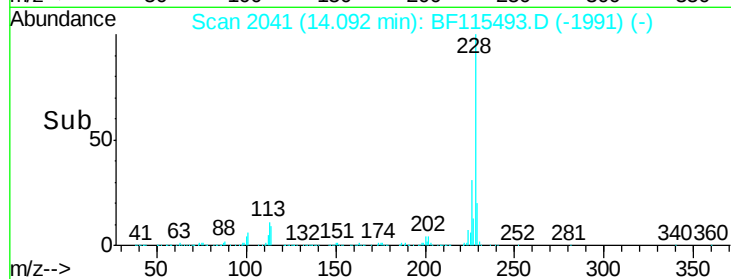
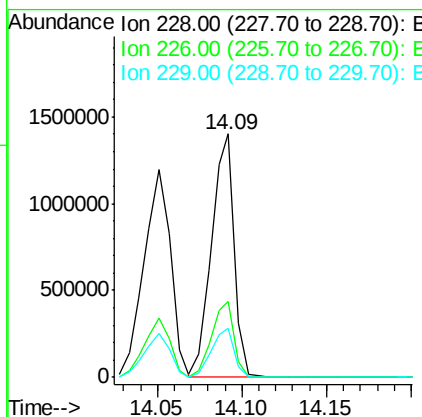
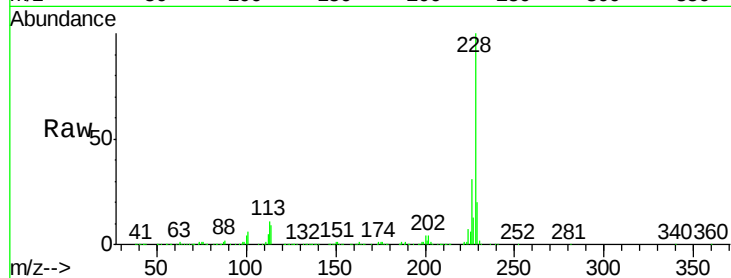




#83
 Chrvsene
 Concen: 39.301 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

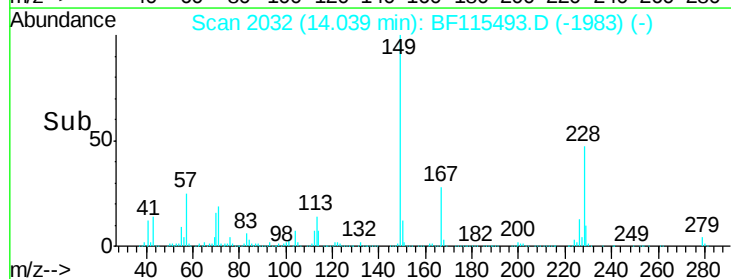
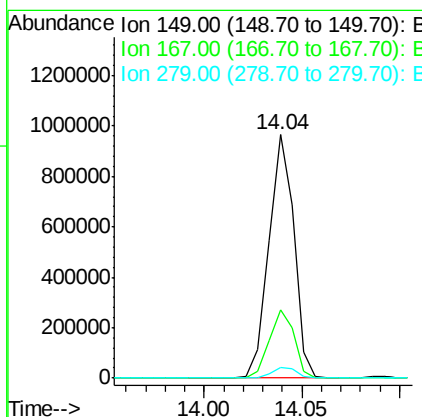
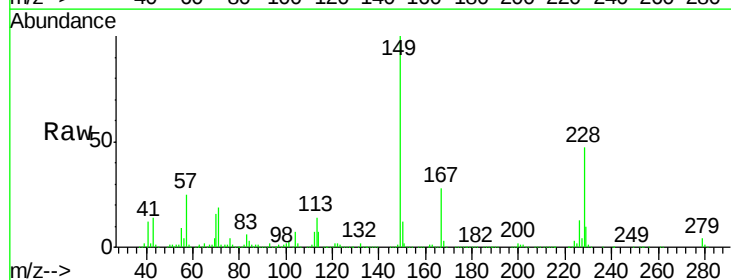
Instrument :
 BNA_F
 ClientSampleId :

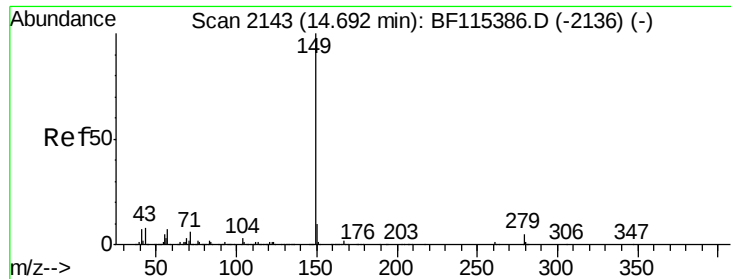
Tot Ion:228 Resp: 1313636
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.1 37.7
 229 19.9 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.307 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115493.D
 Acq: 11 Jul 2019 10:42

Tgt Ion:149 Resp: 861105
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.6 34.0
 279 4.2 3.8 5.6

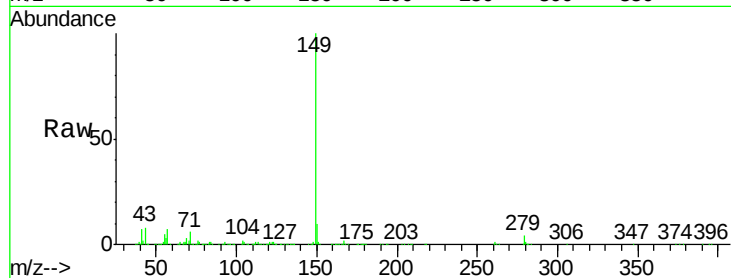




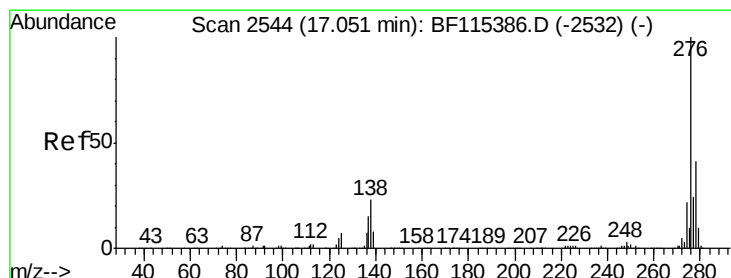
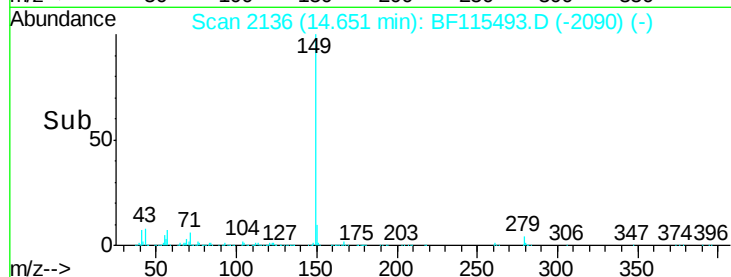
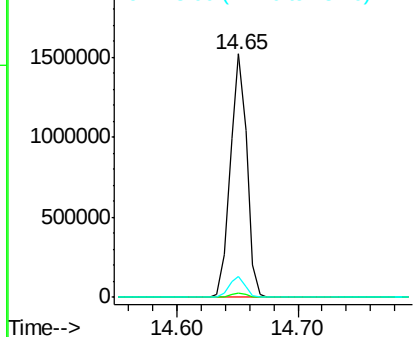
#85
Di-n-octyl phthalate
Concen: 37.844 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.03 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1439281
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.0 10.6

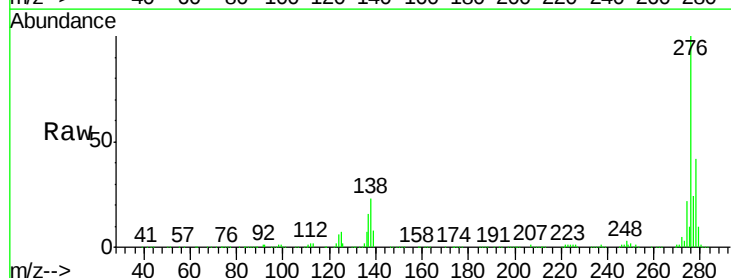


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

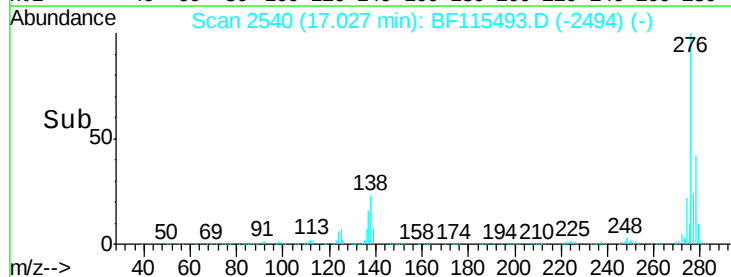
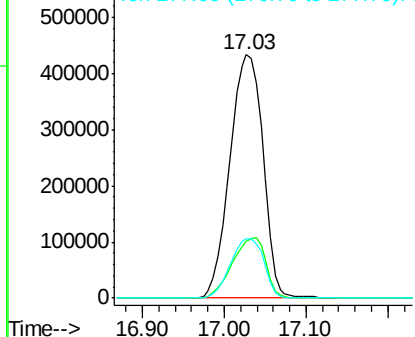


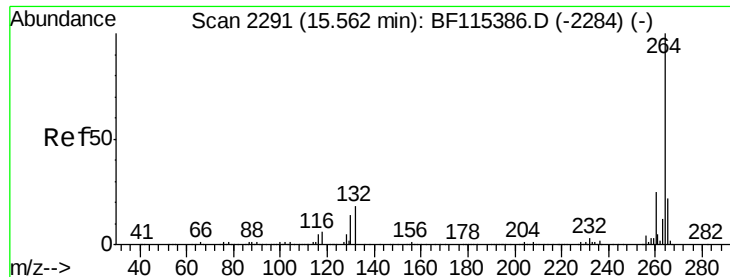
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.805 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:276 Resp: 1227281
Ion Ratio Lower Upper
276 100
138 25.2 20.6 31.0
277 24.8 20.2 30.2



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

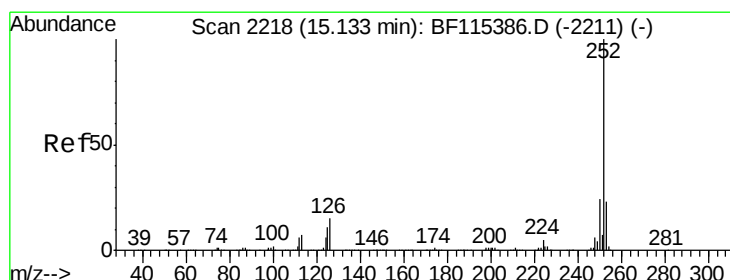
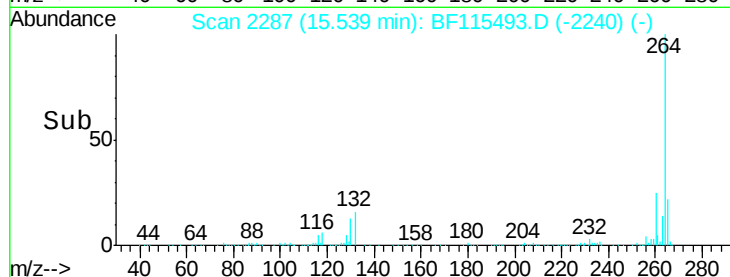
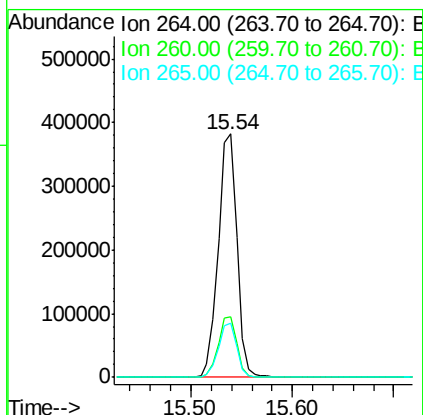
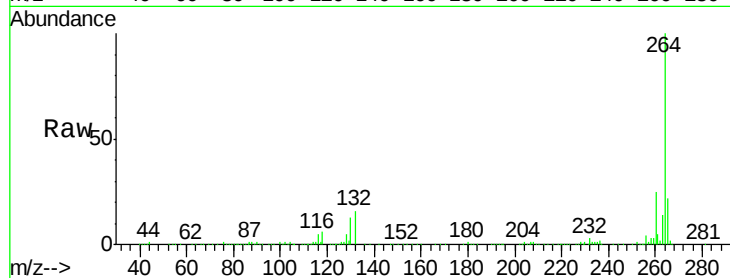




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

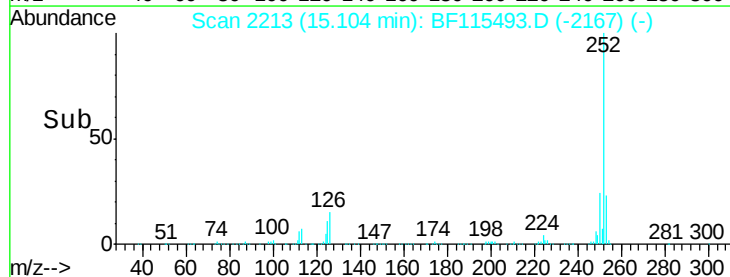
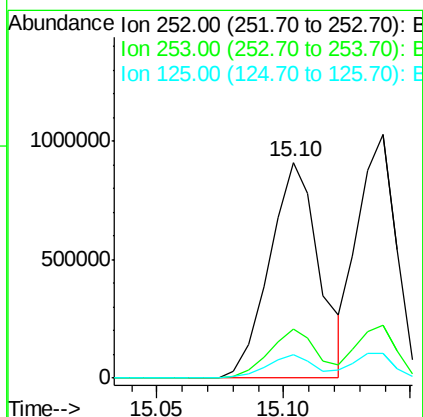
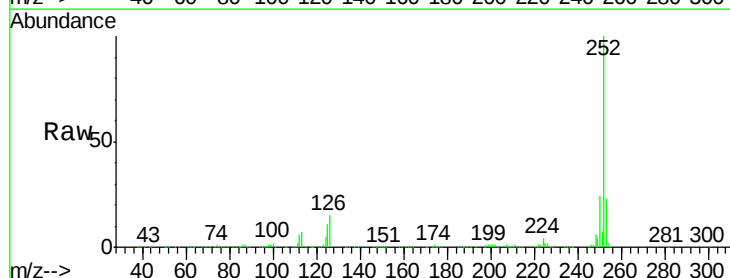
Instrument :
BNA_F
ClientSampled :

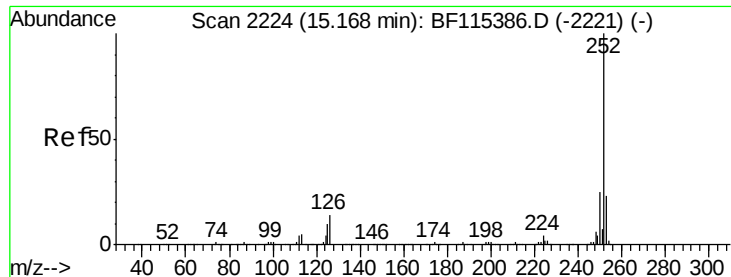
Tot Ion:264 Resp: 492136
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 22.1 17.8 26.6



#88
Benzo(b)fluoranthene
Concen: 39.062 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:252 Resp: 1251630
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.0 8.5 12.7

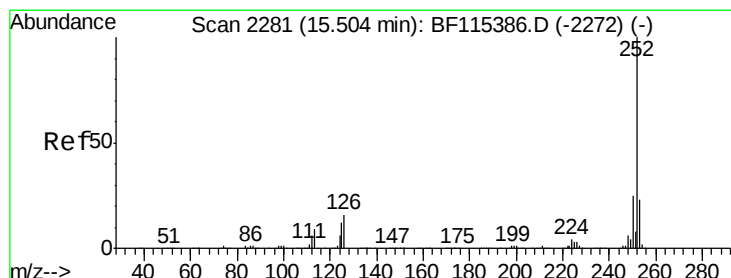
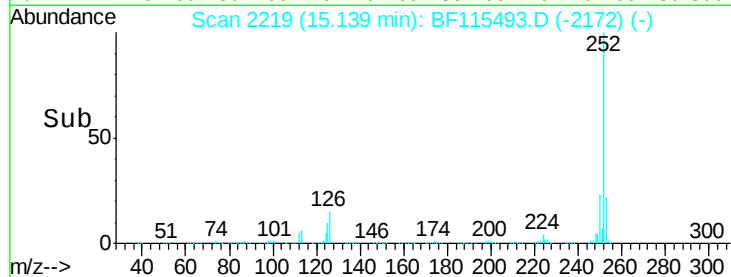
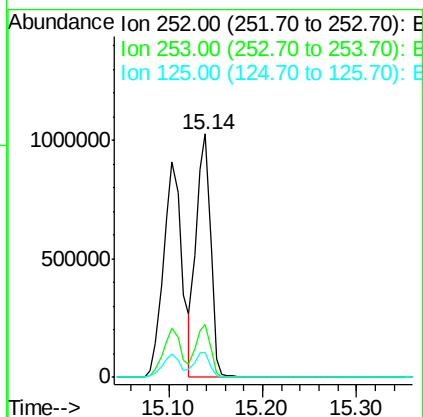
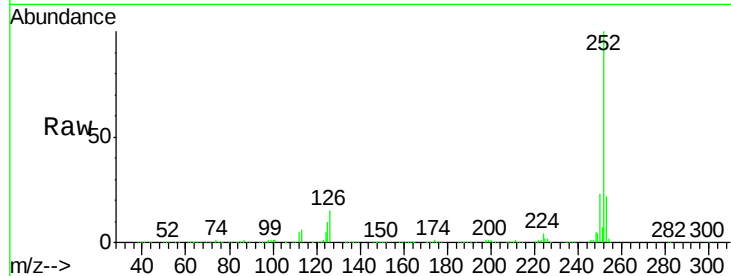




#89
Benzo(k)fluoranthene
Concen: 38.235 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

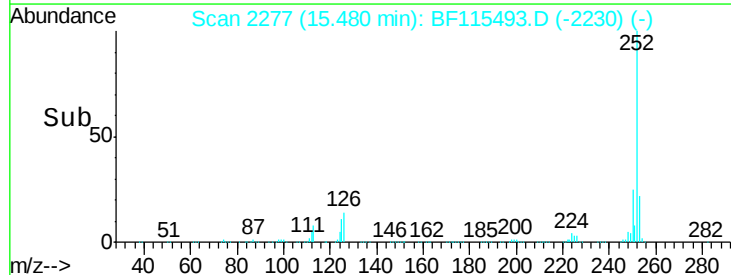
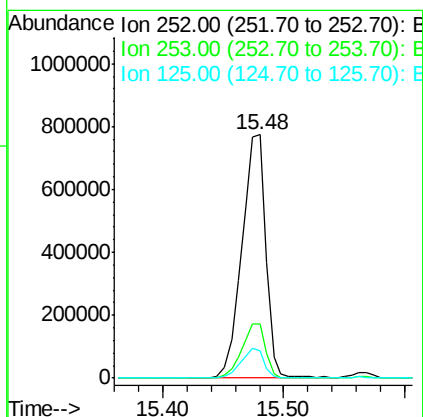
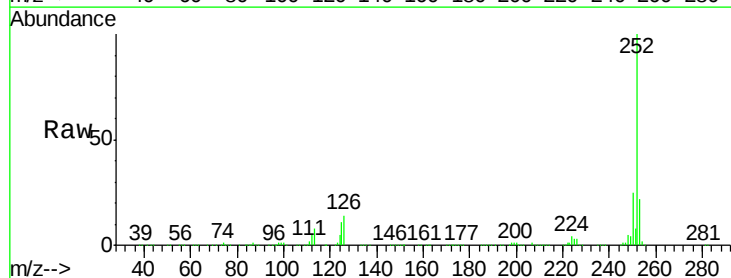
Instrument :
BNA_F
ClientSampled :

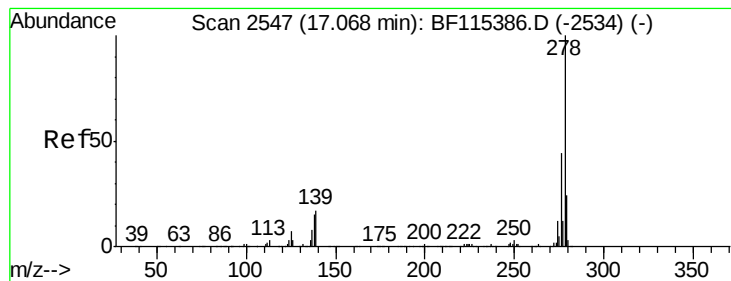
Tot Ion:252 Resp: 1089564
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.1 8.6 13.0



#90
Benzo(a)pyrene
Concen: 39.049 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF115493.D
Acq: 11 Jul 2019 10:42

Tgt Ion:252 Resp: 1079184
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.1 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 42.407 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.04 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

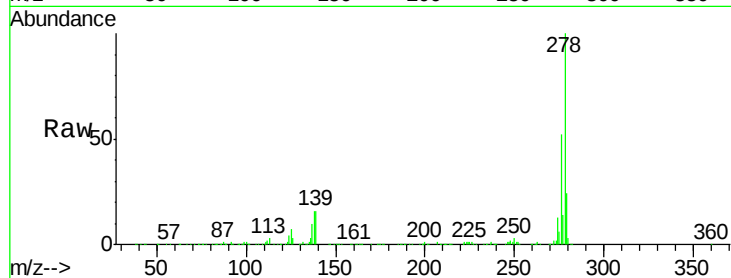
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1001503

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.0	19.6
279	23.7	19.4	29.2

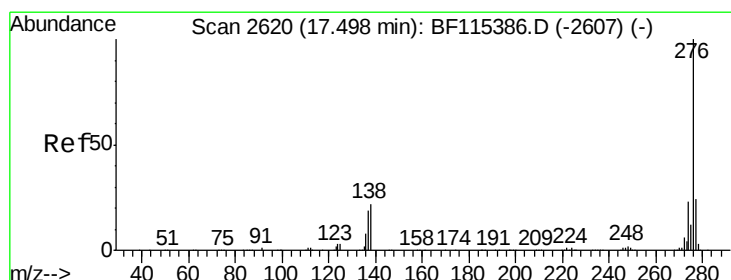
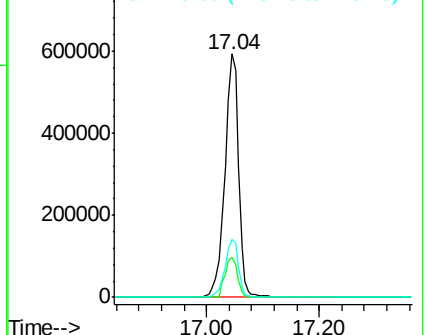
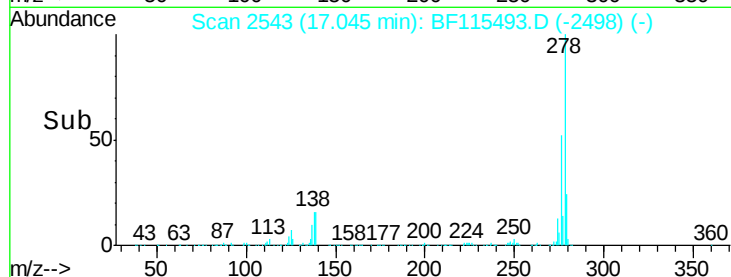


Abundance

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: 43.955 ng

RT: 17.48 min Scan# 2617

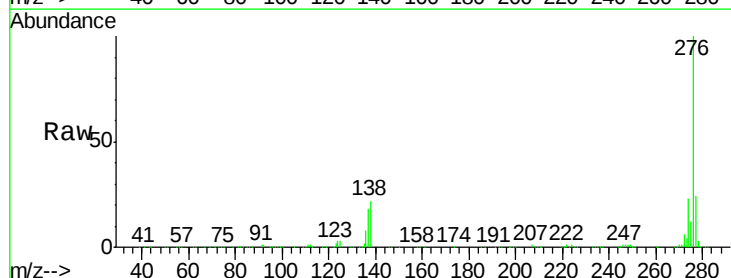
Delta R.T. -0.03 min

Lab File: BF115493.D

Acq: 11 Jul 2019 10:42

Tgt Ion:276 Resp: 982543

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	22.3	17.8	26.8



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

