

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111596.D
 Acq On : 19 Dec 2018 17:34
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Quant Time: Dec 19 18:02:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	217828	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	800766	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	401955	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	762986	20.00	ng	0.00
76) Chrysene-d12	14.05	240	574083	20.00	ng	0.00
87) Perylene-d12	15.53	264	466549	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1005619	78.69	ng	0.00
7) Phenol-d6	6.52	99	1276723	78.50	ng	0.00
23) Nitrobenzene-d5	7.46	82	1152061	83.74	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	380830	80.18	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2125557	77.08	ng	0.00
79) Terphenyl-d14	13.00	244	2373748	78.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	234911	39.070	ng	97
3) Pyridine	3.46	79	627811	40.079	ng	97
4) n-Nitrosodimethylamine	3.40	42	299375	39.052	ng	85
6) Aniline	6.56	93	805382	38.849	ng	100
8) 2-Chlorophenol	6.68	128	564344	39.865	ng	98
9) Benzaldehyde	6.45	77	441894	39.506	ng	98
10) Phenol	6.53	94	678956	37.000	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	545164	39.646	ng	99
12) 1,3-Dichlorobenzene	6.84	146	651133	39.690	ng	99
13) 1,4-Dichlorobenzene	6.92	146	660130	39.676	ng	97
14) 1,2-Dichlorobenzene	7.07	146	619819	39.929	ng	97
15) Benzyl Alcohol	7.03	79	515807	39.934	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	986091	38.937	ng	100
17) 2-Methylphenol	7.14	107	448973	39.608	ng	96
18) Hexachloroethane	7.42	117	223832	39.922	ng	# 84
19) n-Nitroso-di-n-propylamine	7.31	70	415661	38.484	ng	95
20) 3+4-Methylphenols	7.30	107	564283	39.397	ng	95
22) Acetophenone	7.30	105	791873	39.034	ng	# 89
24) Nitrobenzene	7.47	77	599579	41.584	ng	97
25) Isophorone	7.72	82	951203	38.948	ng	97
26) 2-Nitrophenol	7.79	139	260374	44.526	ng	98
27) 2,4-Dimethylphenol	7.82	122	462093	40.086	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	633815	38.999	ng	98
29) 2,4-Dichlorophenol	8.03	162	486955	39.274	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	541349	39.181	ng	98
31) Naphthalene	8.20	128	1528307	39.721	ng	96
32) Benzoic acid	7.93	122	256535	33.658	ng	90
33) 4-Chloroaniline	8.25	127	645871	38.838	ng	99
34) Hexachlorobutadiene	8.33	225	334553	39.729	ng	98
35) Caprolactam	8.62	113	163391	38.890	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	483755	39.691	ng	99
37) 2-Methylnaphthalene	8.89	142	984822	39.342	ng	99
38) 1-Methylnaphthalene	8.99	142	945173	39.314	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	520572	39.413	ng	# 97

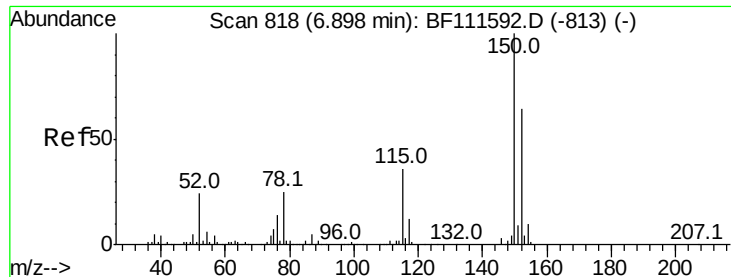
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	243096	37.928	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	345351	39.162	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	360252	39.821	ng	# 90
46) 1,1'-Biphenyl	9.36	154	1337663	39.423	ng	95
47) 2-Chloronaphthalene	9.38	162	1047740	38.974	ng	95
48) 2-Nitroaniline	9.47	65	301543	43.116	ng	94
49) Acenaphthylene	9.79	152	1553759	39.585	ng	96
50) Dimethylphthalate	9.65	163	1167791	39.729	ng	99
51) 2,6-Dinitrotoluene	9.71	165	253102	43.183	ng	95
52) Acenaphthene	9.97	154	962837	39.773	ng	99
53) 3-Nitroaniline	9.87	138	274803	43.963	ng	96
54) 2,4-Dinitrophenol	9.97	184	71913	42.047	ng	# 1
55) Dibenzofuran	10.14	168	1438130	39.321	ng	94
56) 4-Nitrophenol	10.02	139	213698	44.797	ng	90
57) 2,4-Dinitrotoluene	10.11	165	311108	44.165	ng	# 99
58) Fluorene	10.48	166	1022730	38.806	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	309764	40.686	ng	89
60) Diethylphthalate	10.35	149	1145807	39.739	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	567487	38.974	ng	90
62) 4-Nitroaniline	10.49	138	257866	42.445	ng	87
63) Azobenzene	10.63	77	1152623	39.819	ng	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	124683	40.719	ng	92
66) n-Nitrosodiphenylamine	10.59	169	995185	38.856	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	373473	39.465	ng	# 91
68) Hexachlorobenzene	11.03	284	411343	38.984	ng	99
69) Atrazine	11.12	200	344927	38.766	ng	96
70) Pentachlorophenol	11.22	266	264587	40.561	ng	97
71) Phenanthrene	11.44	178	1570788	38.819	ng	96
72) Anthracene	11.49	178	1581516	38.939	ng	96
73) Carbazole	11.64	167	1542152	39.109	ng	96
74) Di-n-butylphthalate	11.97	149	1734607	39.234	ng	97
75) Fluoranthene	12.63	202	1593686	38.894	ng	95
77) Benzidine	13.00	184	29168	1.350	ng	98
78) Pyrene	12.85	202	1629391	40.192	ng	97
80) Butylbenzylphthalate	13.47	149	680908	41.204	ng	95
81) Benzo(a)anthracene	14.04	228	1282588	39.148	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	495715	38.295	ng	# 98
83) Chrysene	14.07	228	1281671	39.803	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	835458	40.136	ng	98
85) Di-n-octyl phthalate	14.65	149	1260756	39.093	ng	96
86) Indeno(1,2,3-cd)pyrene	17.00	276	1073512	39.217	ng	# 89
88) Benzo(b)fluoranthene	15.10	252	1075390	39.439	ng	# 96
89) Benzo(k)fluoranthene	15.13	252	1041426	40.118	ng	# 97
90) Benzo(a)pyrene	15.46	252	988615	39.908	ng	# 94
91) Dibenzo(a,h)anthracene	17.03	278	902053	41.584	ng	# 92
92) Benzo(g,h,i)perylene	17.46	276	884861	41.774	ng	# 88

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

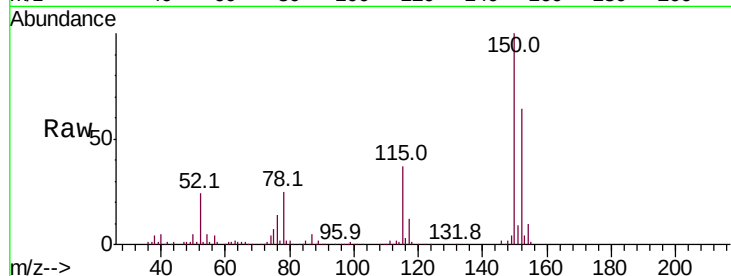


#1

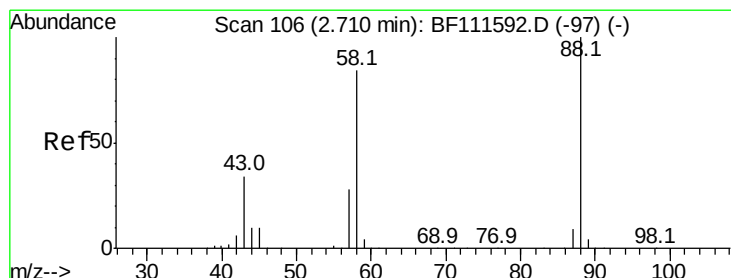
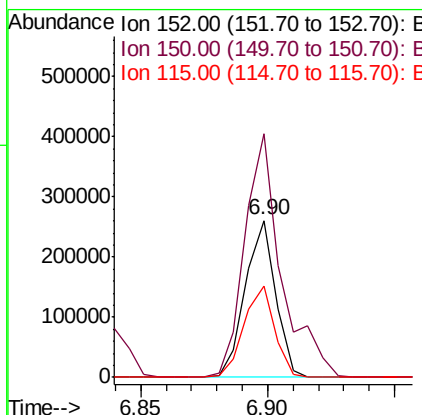
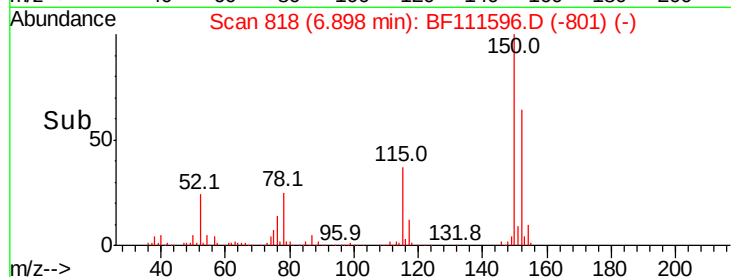
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion:152 Resp: 217828
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 58.2 50.7 76.1



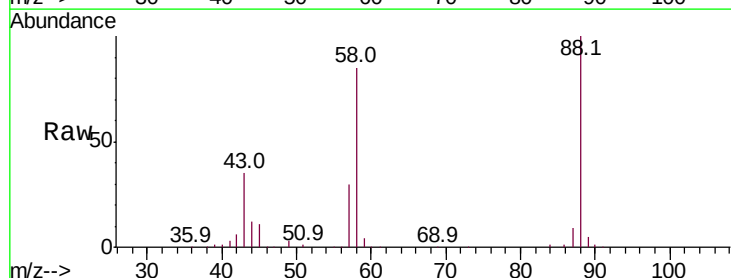
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



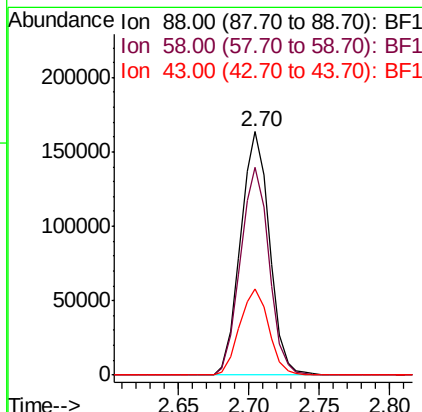
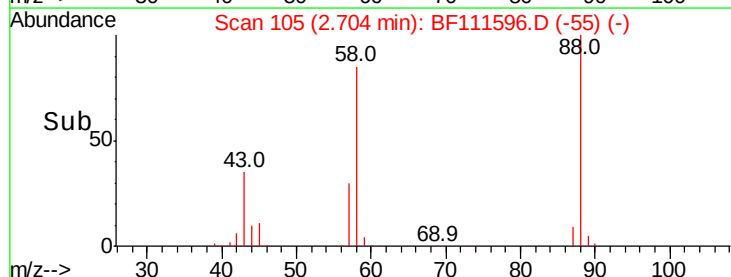
#2

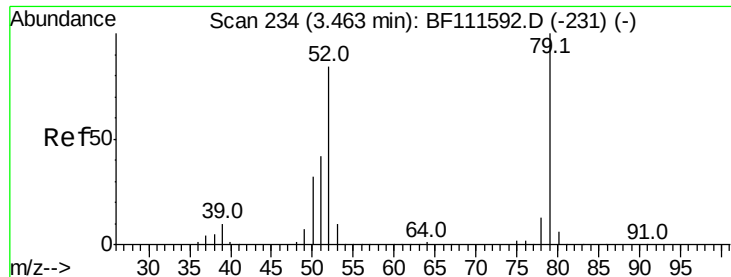
1,4-Dioxane
Concen: 39.070 ng
RT: 2.70 min Scan# 105
Delta R.T. -0.01 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion: 88 Resp: 234911
Ion Ratio Lower Upper
88 100
58 84.2 68.9 103.3
43 35.1 25.8 38.6



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: 40.079 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

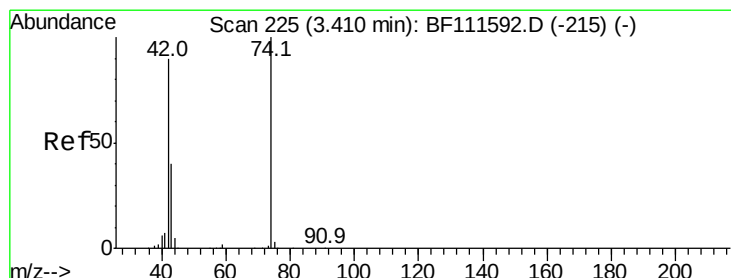
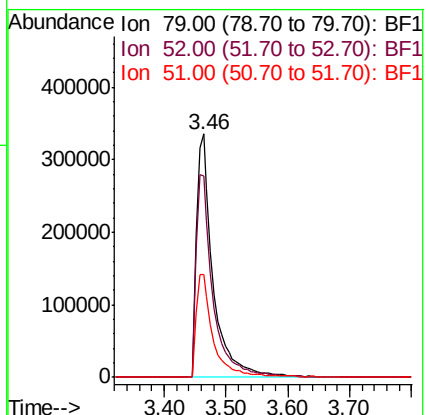
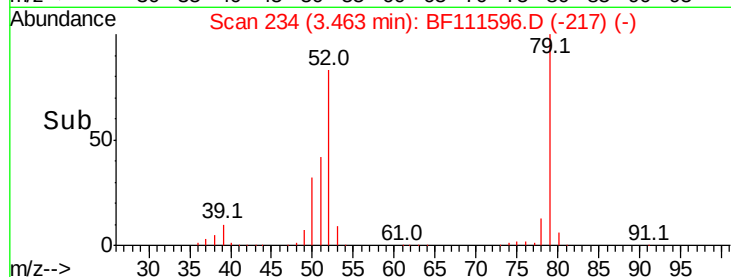
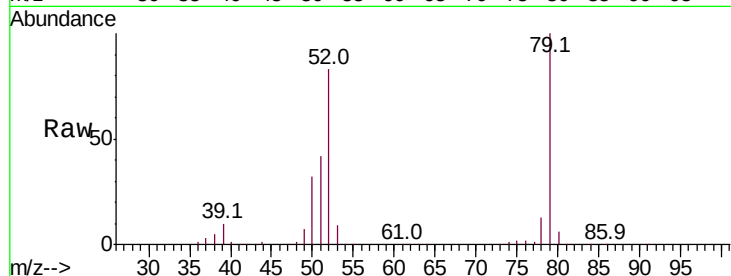
Tot Ion: 79 Resp: 627811

Ion Ratio Lower Upper

79 100

52 82.9 68.3 102.5

51 42.3 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 39.052 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

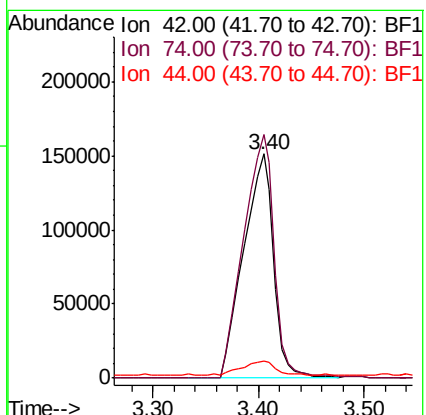
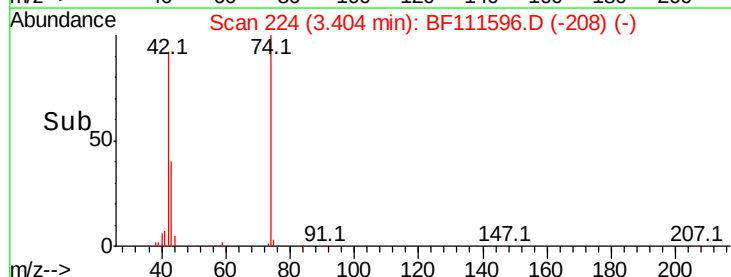
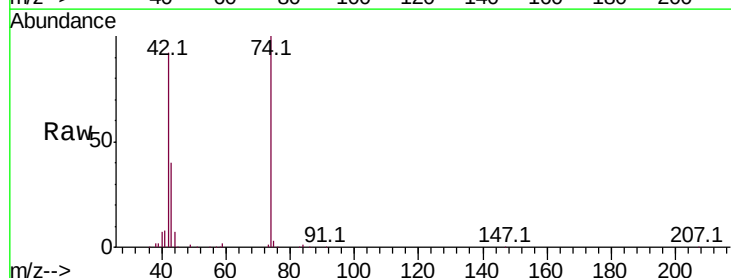
Tgt Ion: 42 Resp: 299375

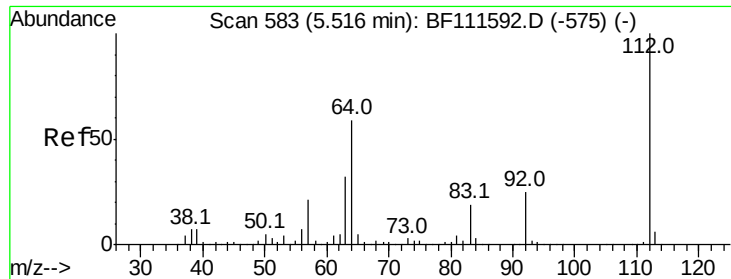
Ion Ratio Lower Upper

42 100

74 108.7 101.5 152.3

44 7.4 6.0 9.0





#5

2-Fluorophenol

Concen: 78.691 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

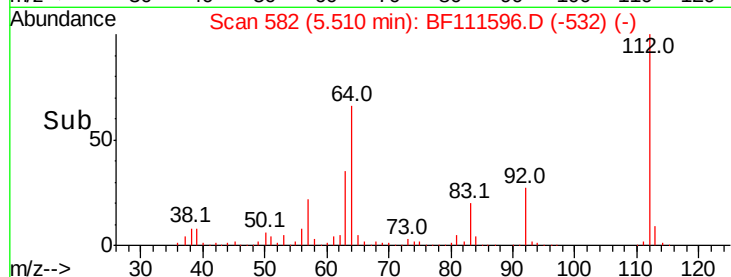
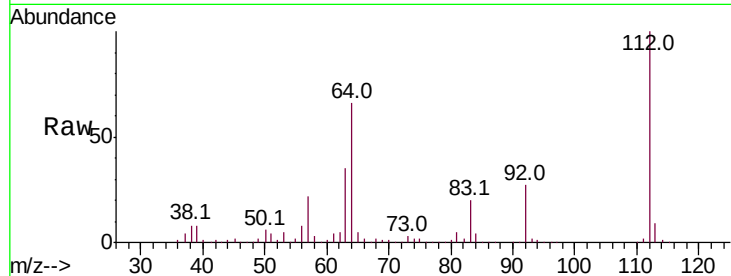
Tot Ion:112 Resp: 1005619

Ion Ratio Lower Upper

112 100

64 66.3 51.8 77.6

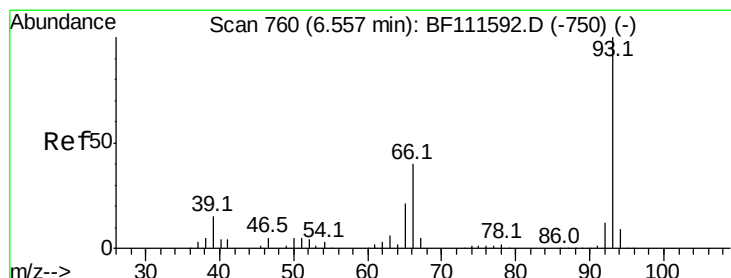
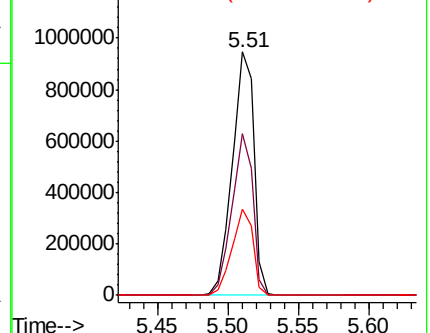
63 35.2 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.849 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

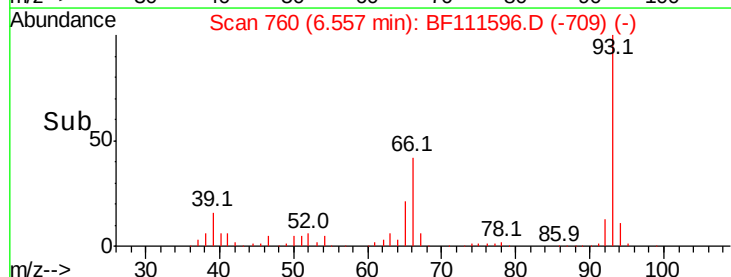
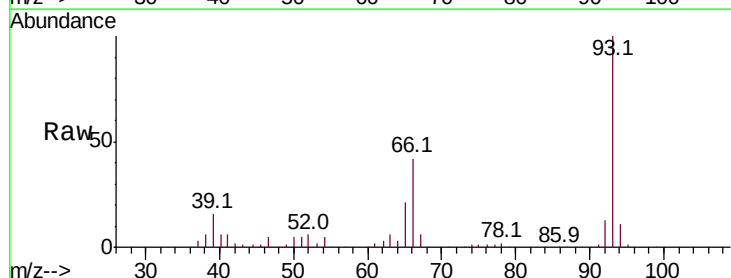
Tgt Ion: 93 Resp: 805382

Ion Ratio Lower Upper

93 100

66 41.5 33.2 49.8

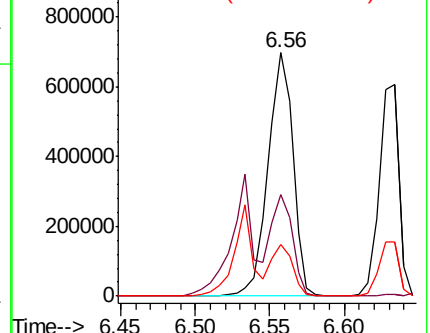
65 21.2 17.0 25.4

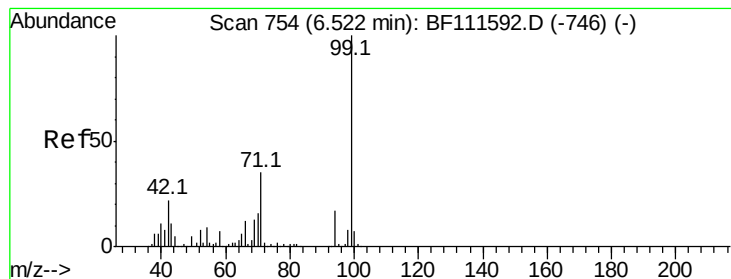


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.502 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

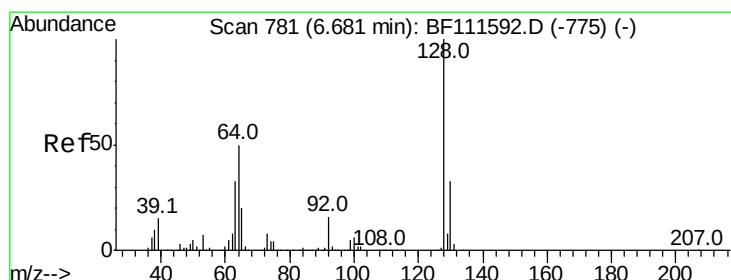
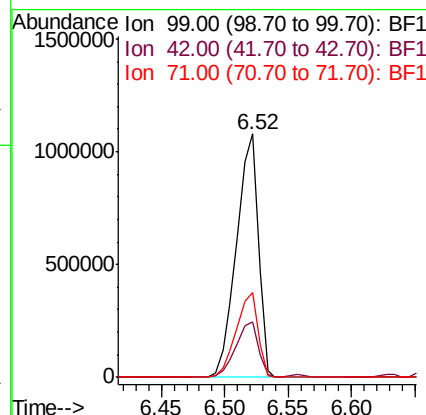
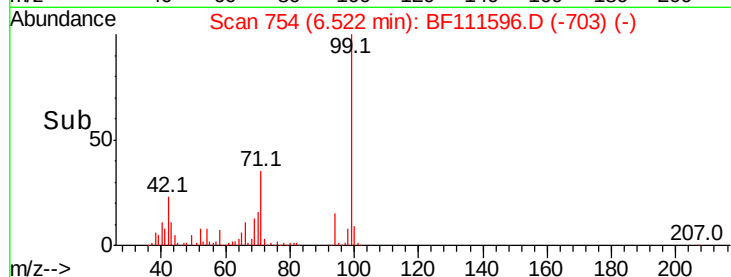
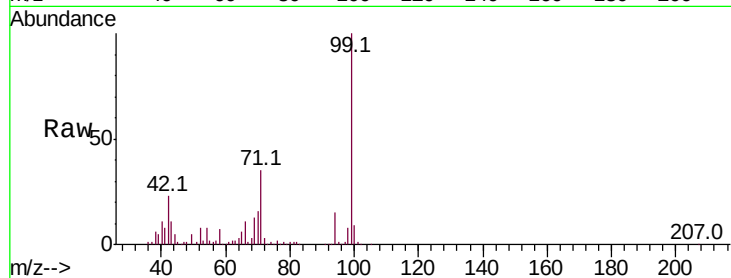
BNA_F

ClientSampleId :

ICVBF121918

Tot Ion: 99 Resp: 1276723

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.4	26.0
71	35.1	26.1	39.1



#8

2-Chlorophenol

Concen: 39.865 ng

RT: 6.68 min Scan# 781

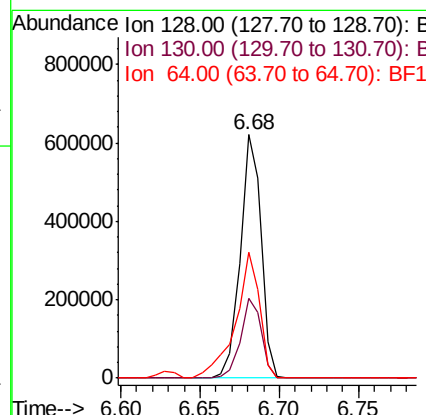
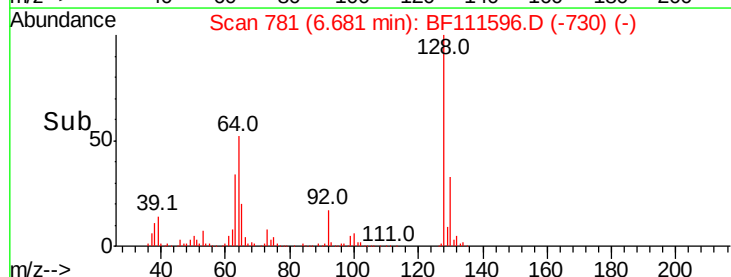
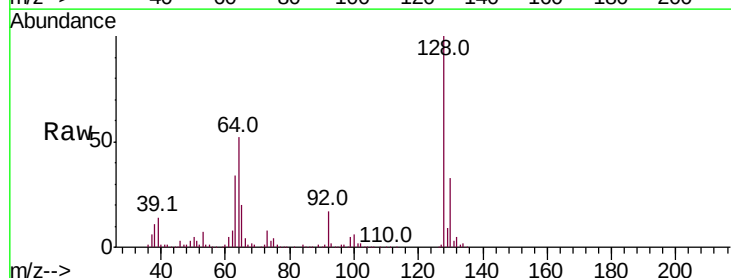
Delta R.T. -0.00 min

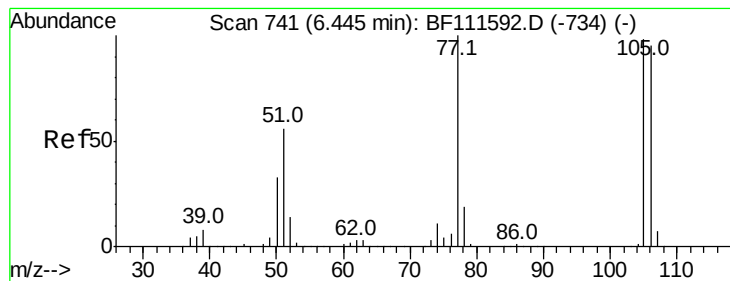
Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Tgt Ion: 128 Resp: 564344

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	51.9	30.0	70.0





#9

Benzaldehyde

Concen: 39.506 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

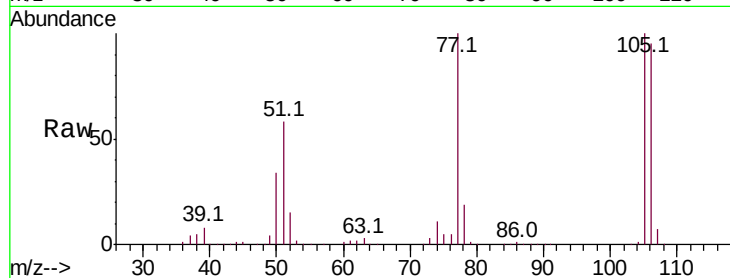
Tot Ion: 77 Resp: 441894

Ion Ratio Lower Upper

77 100

105 100.1 81.4 121.4

106 95.2 77.9 117.9

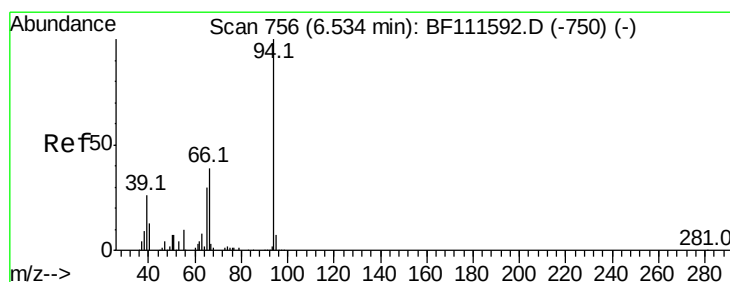
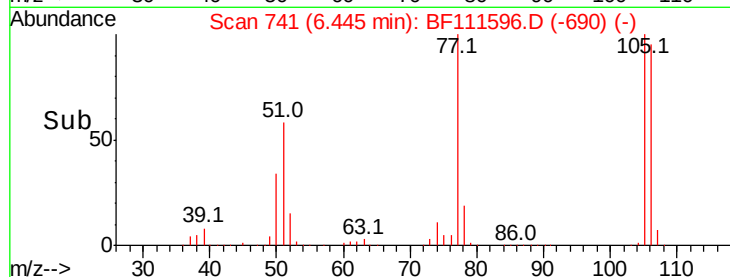
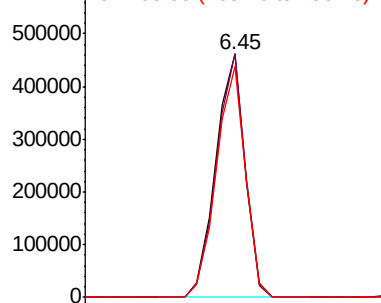


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.000 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

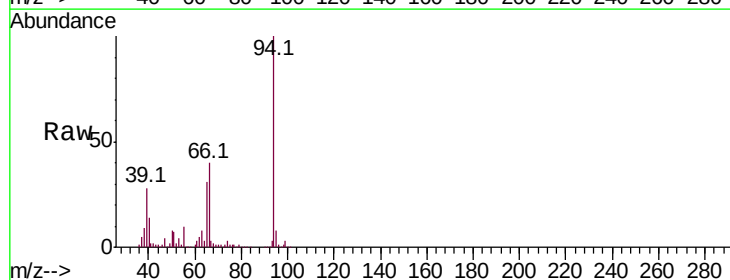
Tgt Ion: 94 Resp: 678956

Ion Ratio Lower Upper

94 100

65 30.6 11.7 51.7

66 40.4 21.0 61.0

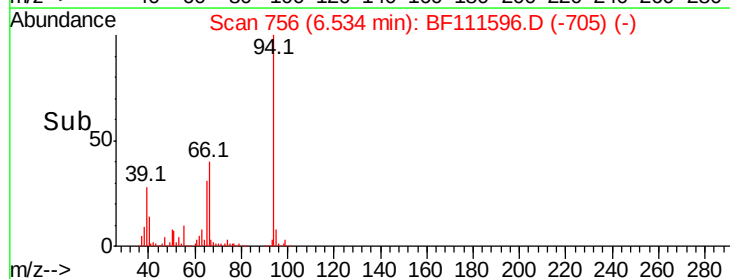
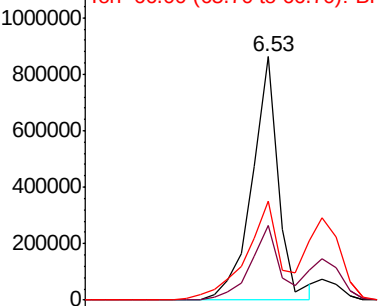


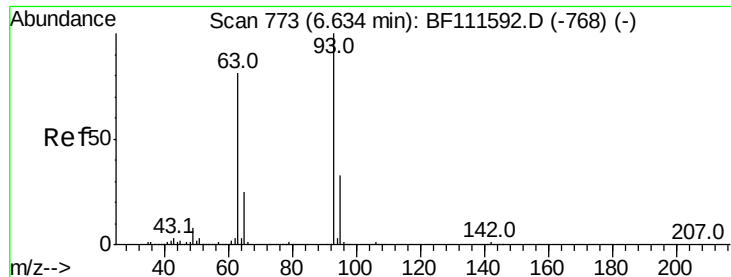
Abundance

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: 39.646 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

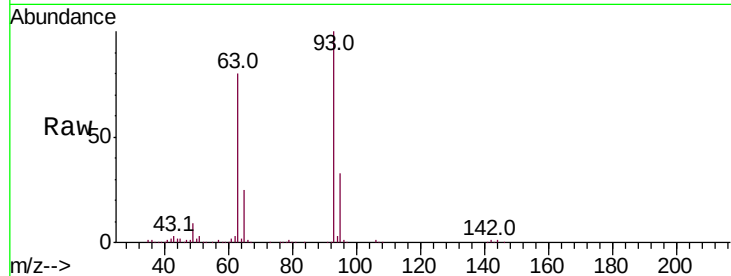
Tot Ion: 93 Resp: 545164

Ion Ratio Lower Upper

93 100

63 80.4 60.0 100.0

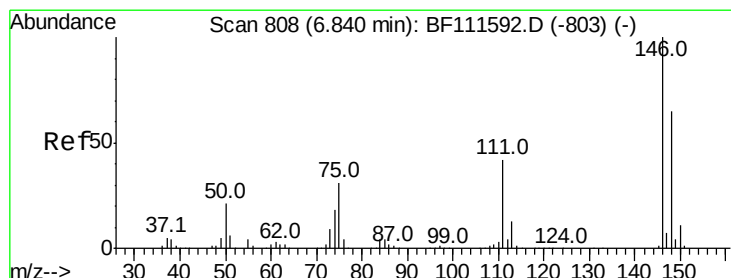
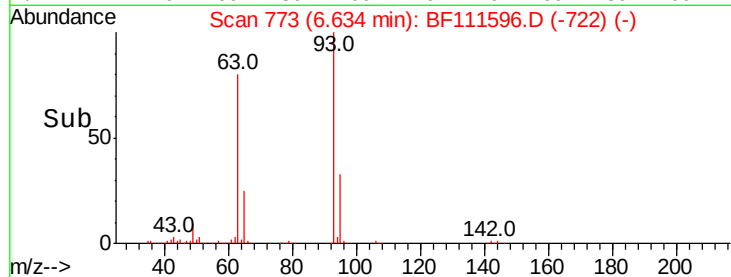
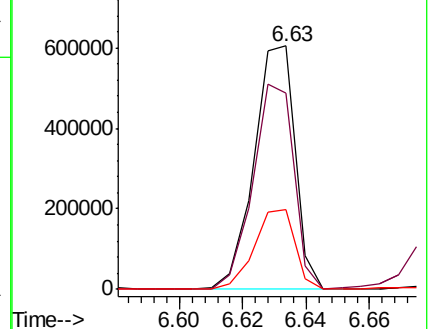
95 32.8 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.690 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

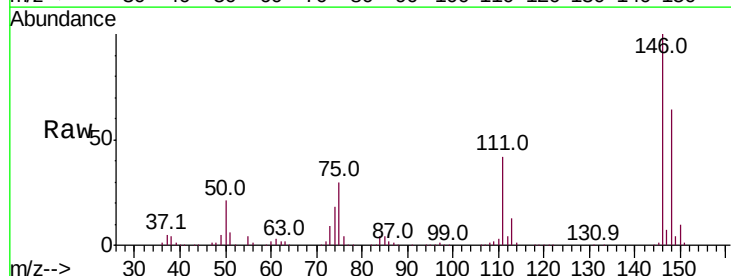
Tgt Ion: 146 Resp: 651133

Ion Ratio Lower Upper

146 100

148 64.0 52.1 78.1

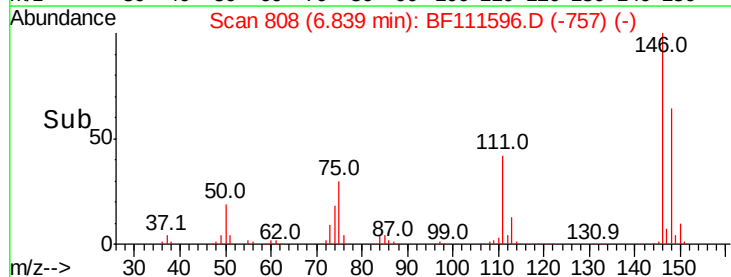
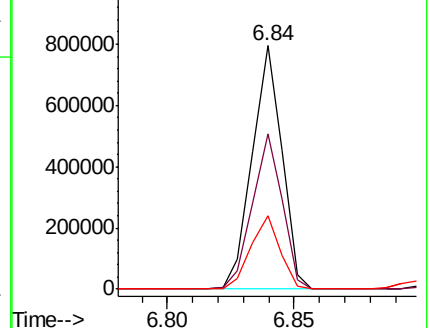
75 30.3 23.9 35.9

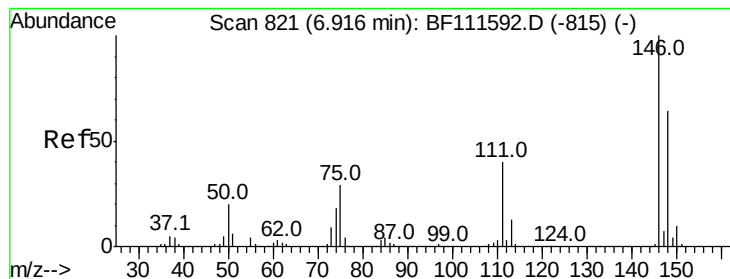


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.676 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

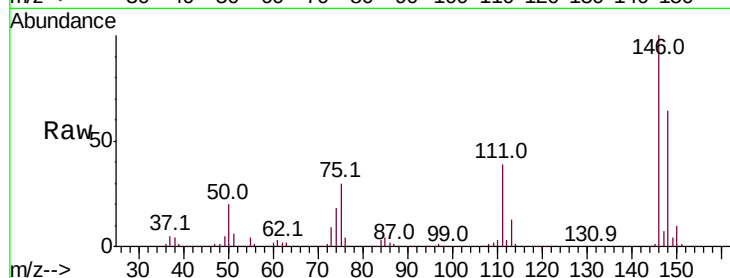
Tot Ion:146 Resp: 660130

Ion Ratio Lower Upper

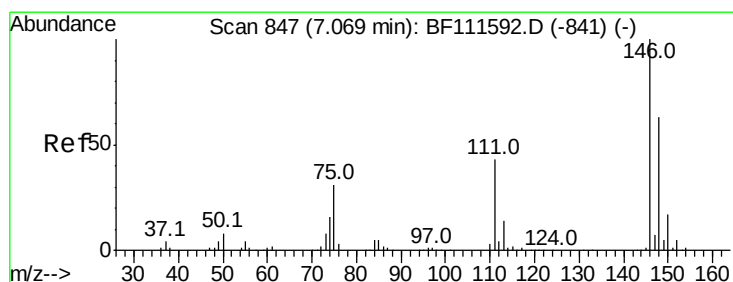
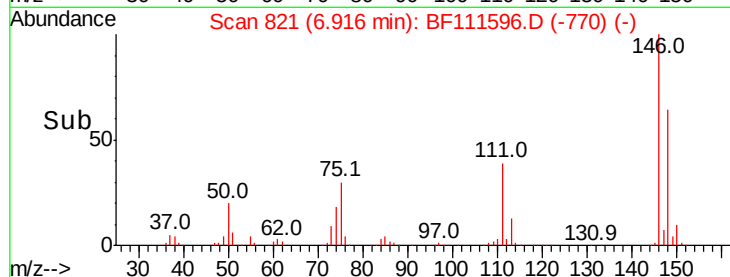
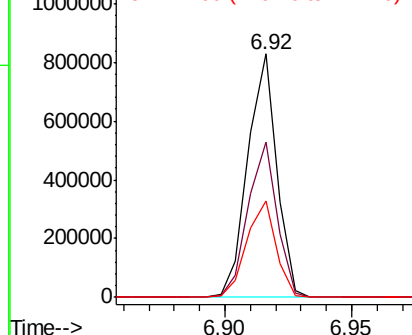
146 100

148 63.8 52.8 79.2

111 39.4 33.4 50.0



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



#14

1,2-Dichlorobenzene

Concen: 39.929 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

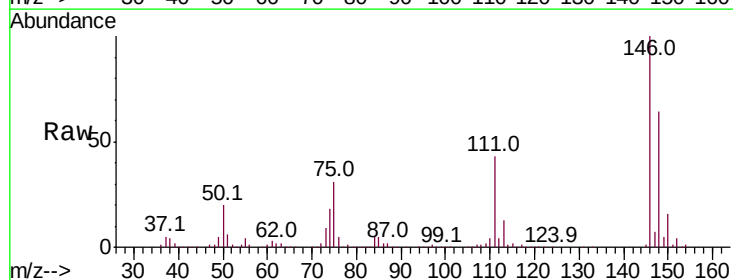
Tgt Ion:146 Resp: 619819

Ion Ratio Lower Upper

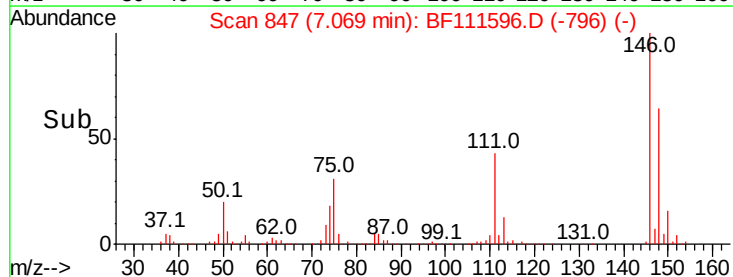
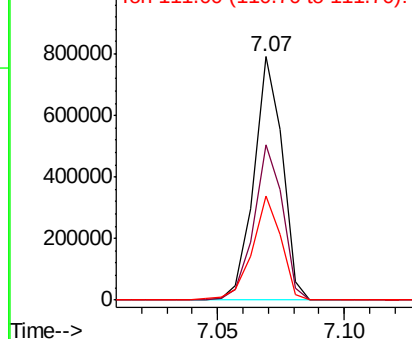
146 100

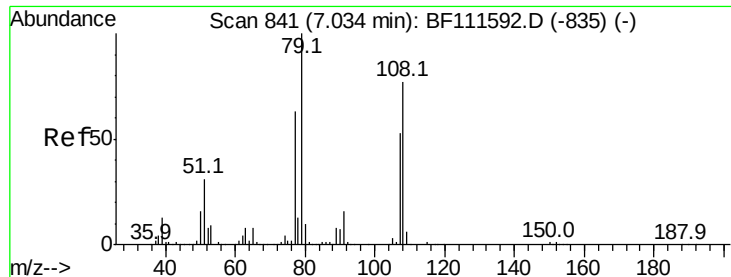
148 63.7 51.9 77.9

111 42.6 36.2 54.4



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





#15

Benzyl Alcohol

Concen: 39.934 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

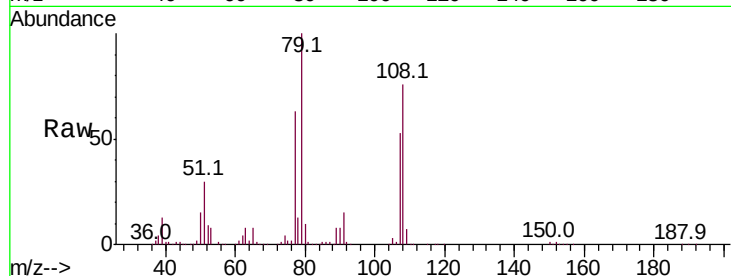
Tot Ion: 79 Resp: 515807

Ion Ratio Lower Upper

79 100

108 75.6 69.4 104.2

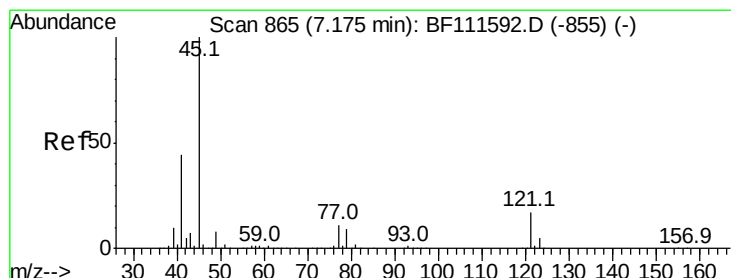
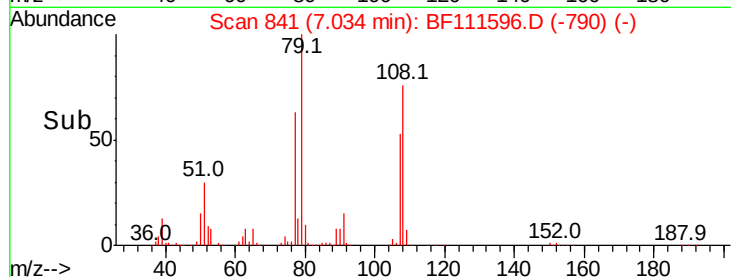
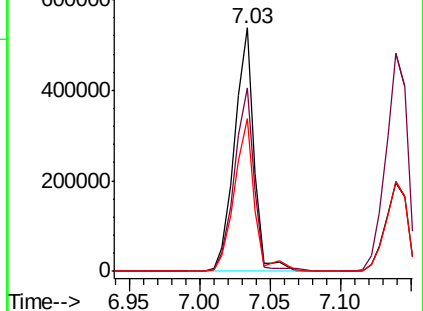
77 62.7 49.7 74.5



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: 38.937 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

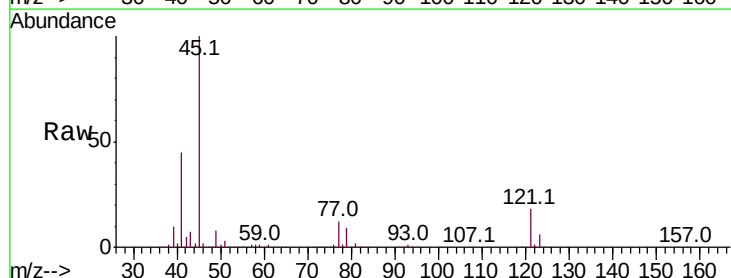
Tgt Ion: 45 Resp: 986091

Ion Ratio Lower Upper

45 100

77 11.5 0.0 31.5

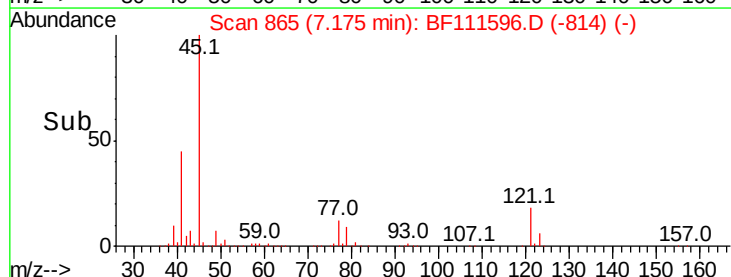
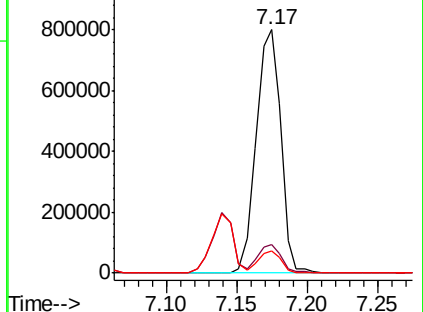
79 8.9 0.0 28.9

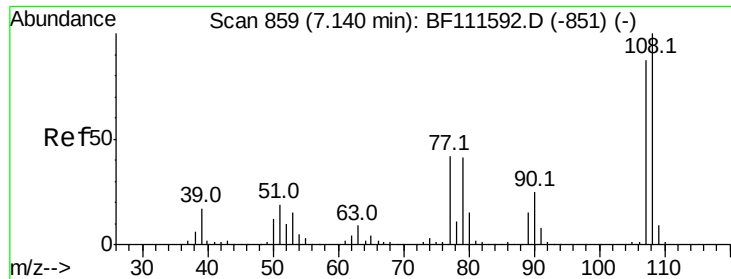


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

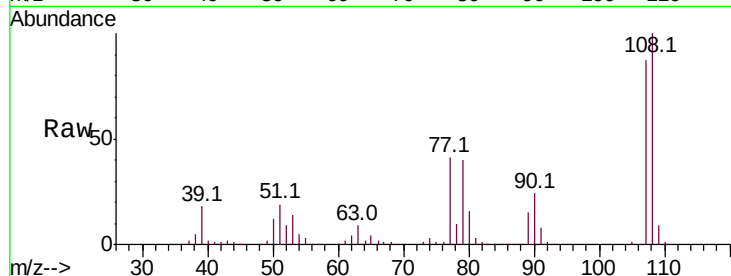




#17
2-Methylphenol
Concen: 39.608 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.0	136.4
77	47.1	33.5	50.3
79	46.4	33.3	49.9



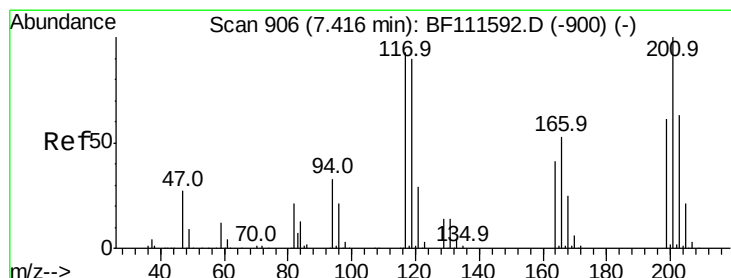
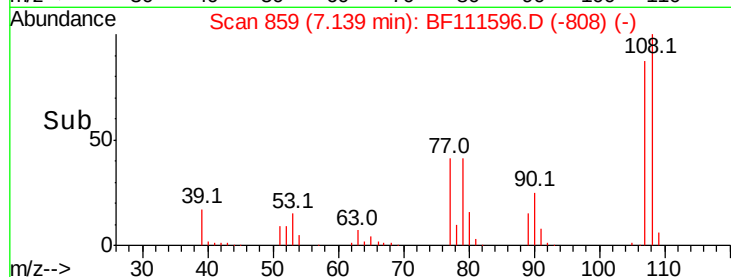
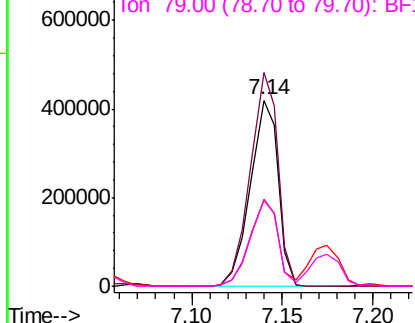
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

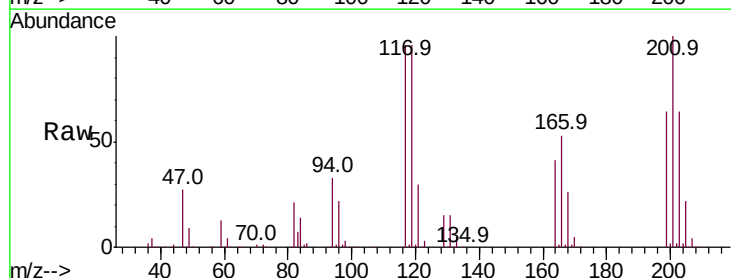
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.922 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	75.4	113.0
201	103.8	62.4	93.6

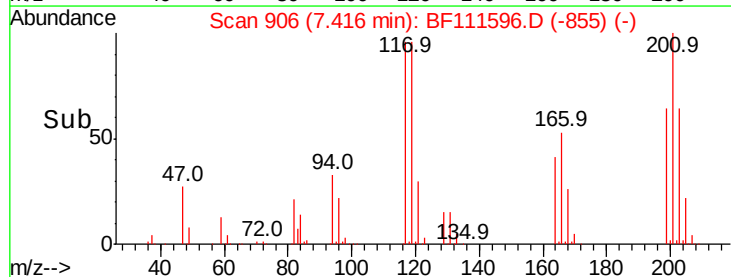
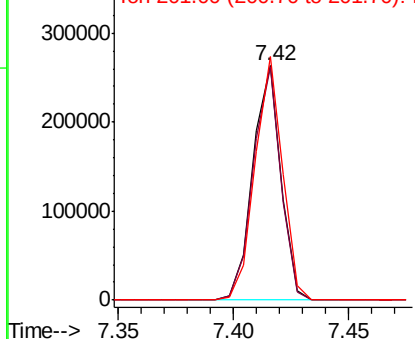


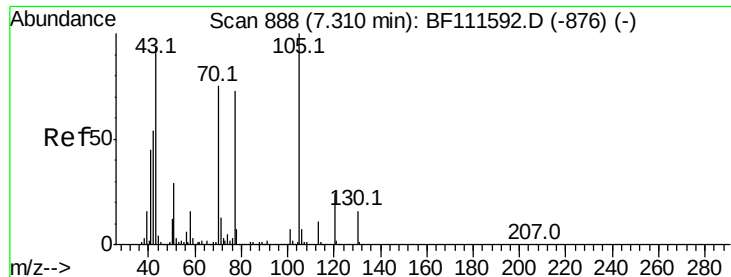
Abundance

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

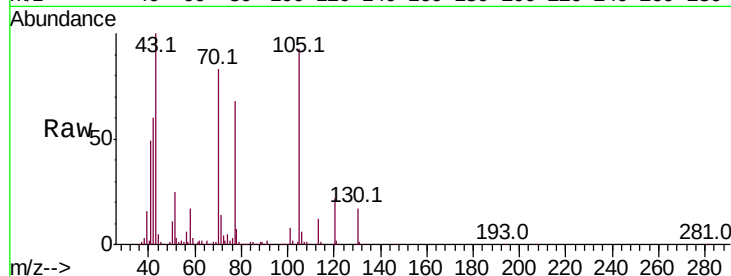




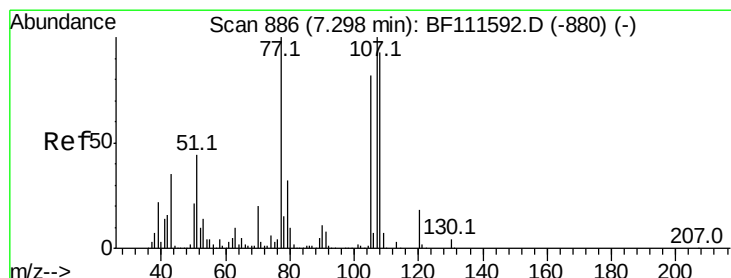
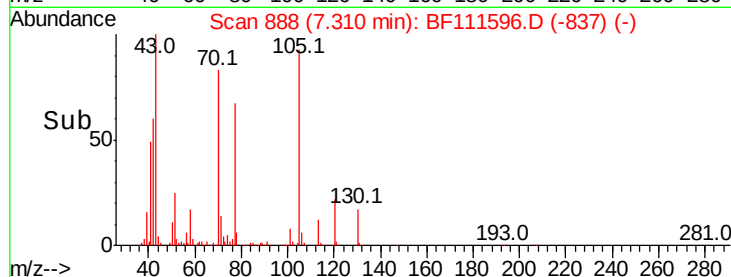
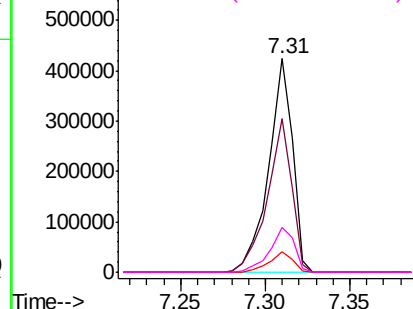
#19
n-Nitroso-di-n-propylamine
Concen: 38.484 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion:	70	Resp:	415661
Ion	Ratio	Lower	Upper
70	100		
42	71.6	53.2	79.8
101	9.4	8.2	12.4
130	20.8	18.1	27.1

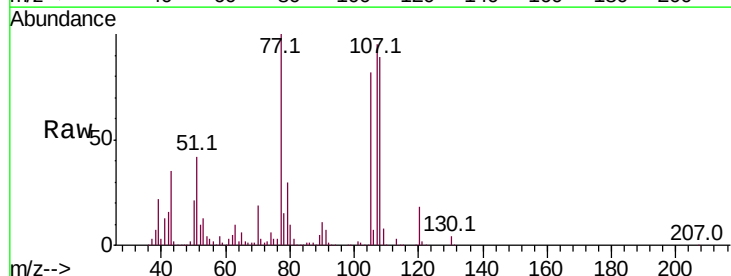


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

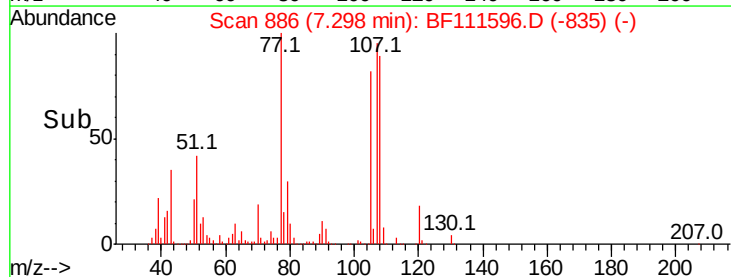
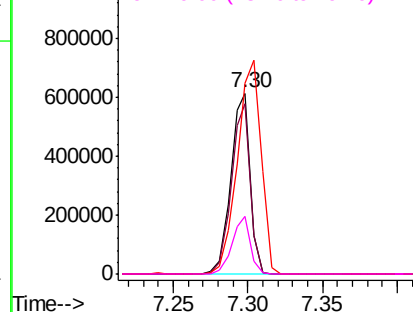


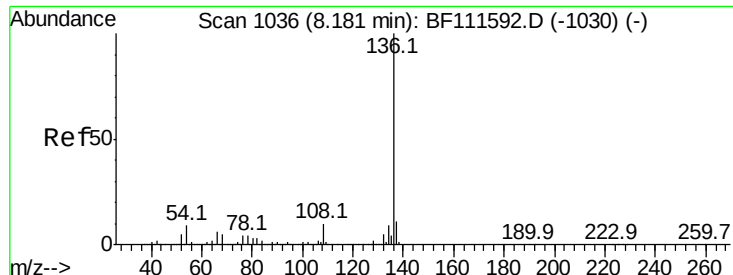
#20
3+4-Methylphenols
Concen: 39.397 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion:	107	Resp:	564283
Ion	Ratio	Lower	Upper
107	100		
108	94.4	72.1	112.1
77	105.7	94.1	134.1
79	32.2	9.8	49.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion:136 Resp: 800766

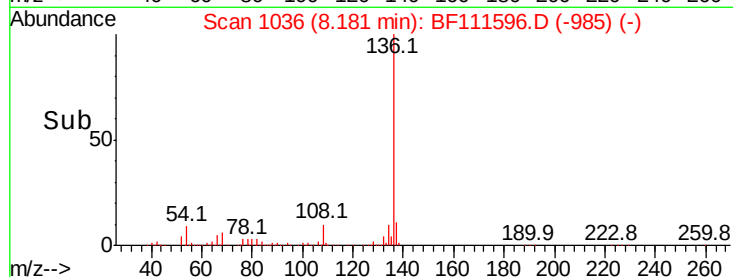
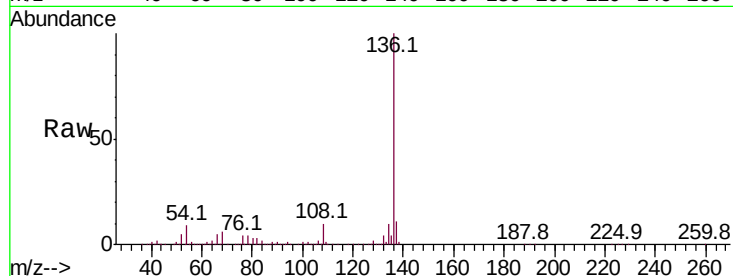
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.8 7.7 11.5

68 5.8 4.9 7.3

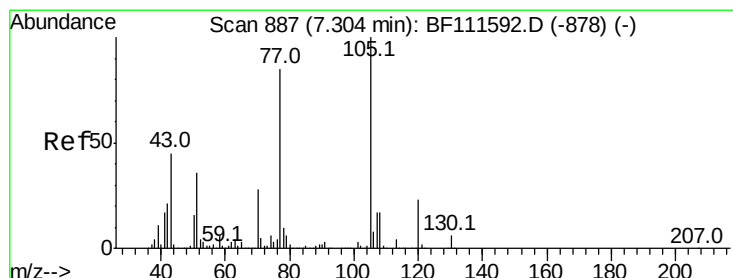
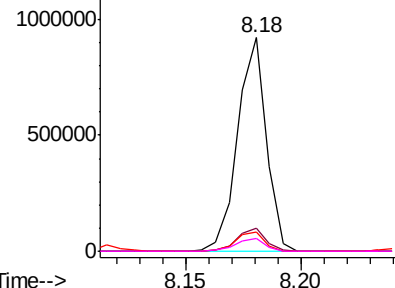


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.034 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Tgt Ion:105 Resp: 791873

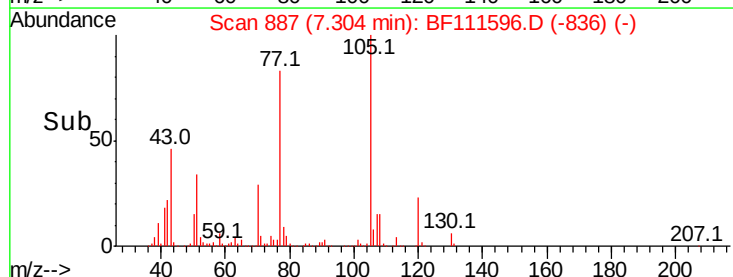
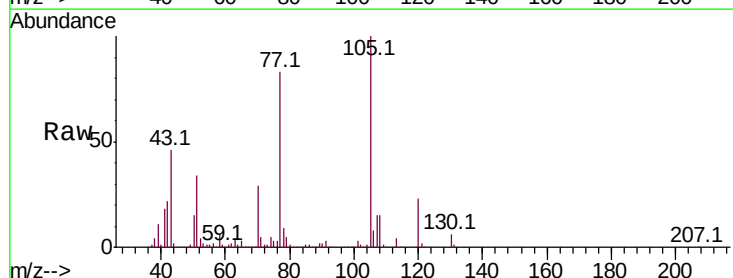
Ion Ratio Lower Upper

105 100

71 5.2 3.1 4.7#

51 34.3 36.6 54.8#

120 22.7 18.2 27.4

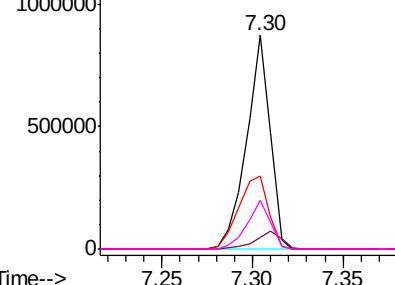


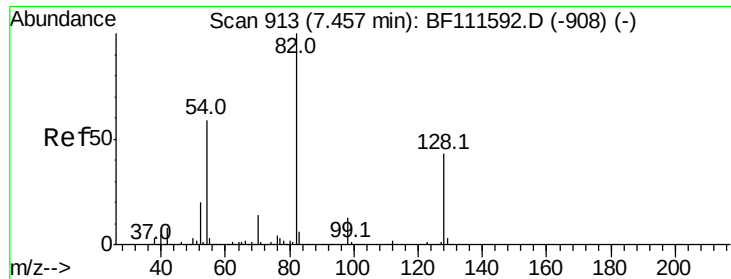
Abundance Ion 105.00 (104.70 to 105.70): E

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

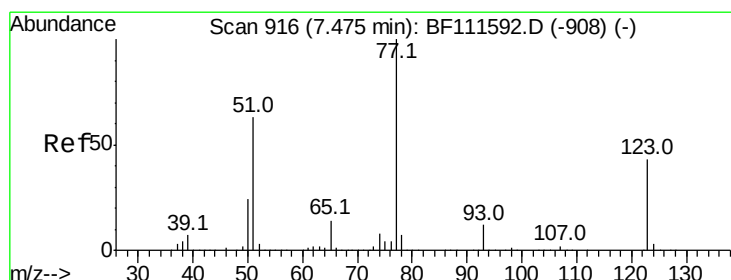
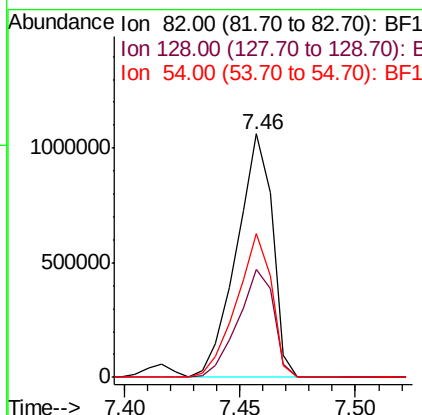
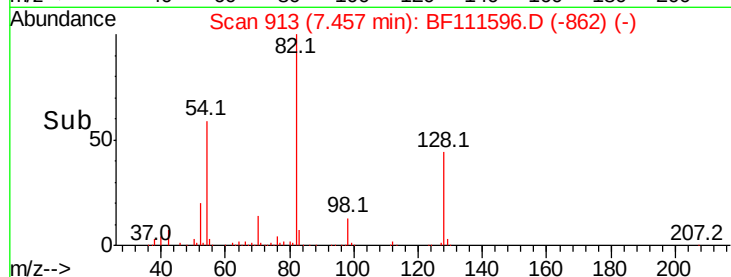
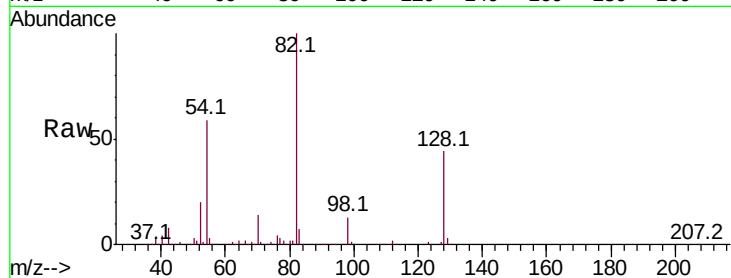




#23
Nitrobenzene-d5
Concen: 83.743 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

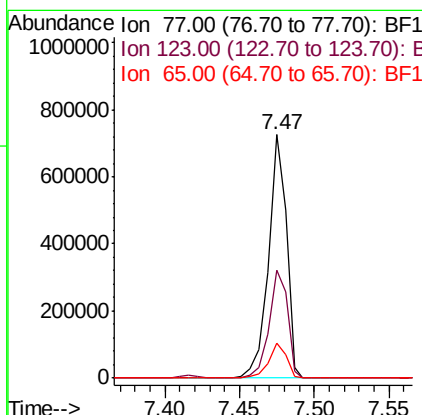
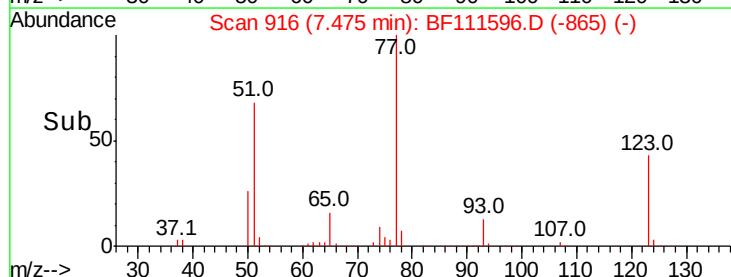
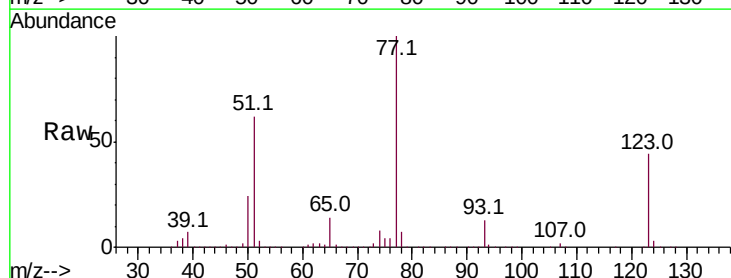
Instrument :
BNA_F
ClientSampleId :
ICVBF121918

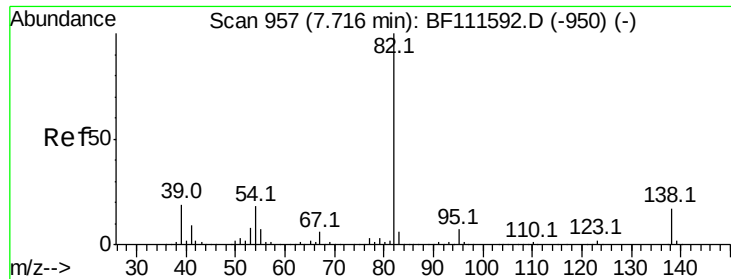
Tot Ion: 82 Resp: 1152061
Ion Ratio Lower Upper
82 100
128 44.3 37.4 56.2
54 59.2 47.6 71.4



#24
Nitrobenzene
Concen: 41.584 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion: 77 Resp: 599579
Ion Ratio Lower Upper
77 100
123 44.2 37.2 55.8
65 14.2 11.5 17.3





#25

Isophorone

Concen: 38.948 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

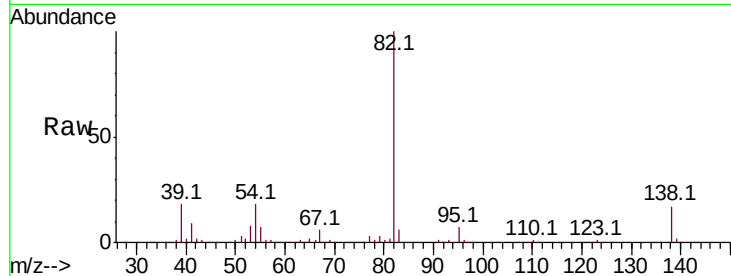
Tot Ion: 82 Resp: 951203

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

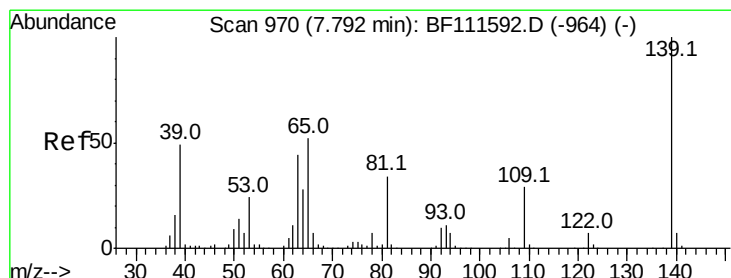
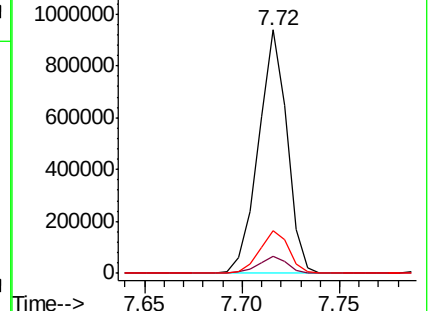
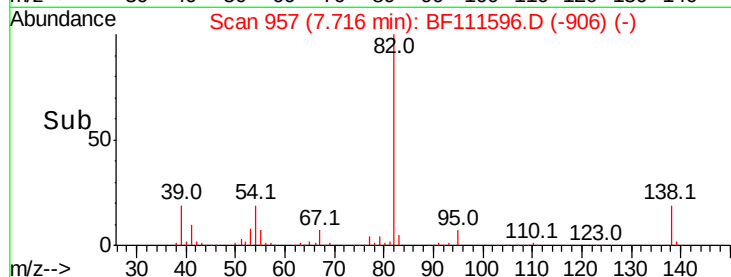
138 17.5 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.526 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

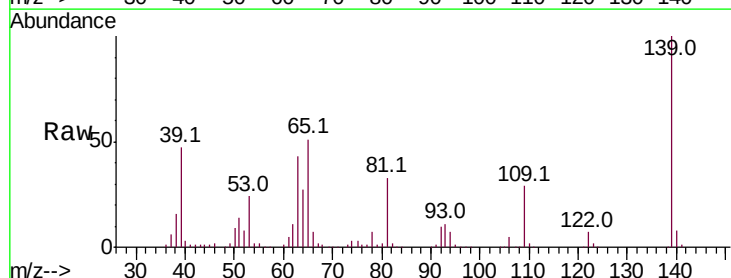
Tgt Ion:139 Resp: 260374

Ion Ratio Lower Upper

139 100

109 28.7 20.2 30.4

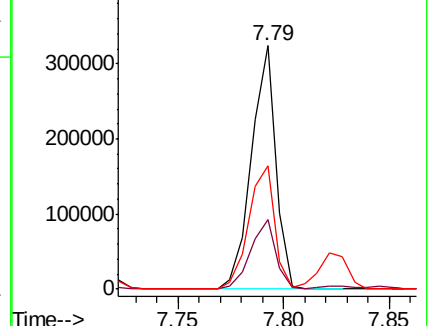
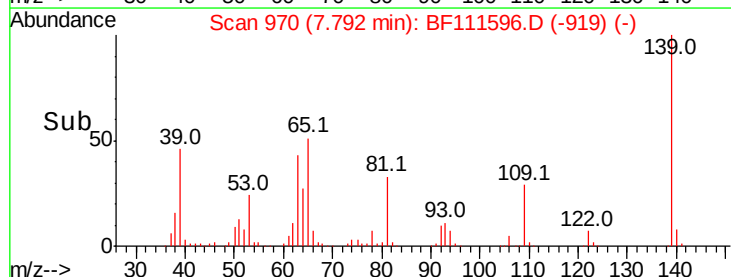
65 50.9 40.7 61.1

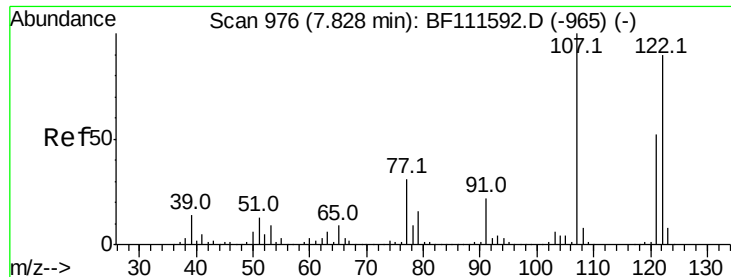


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

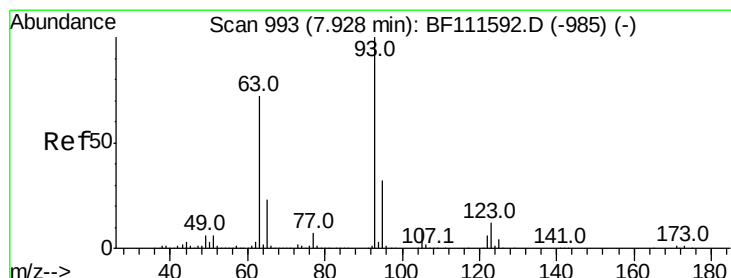
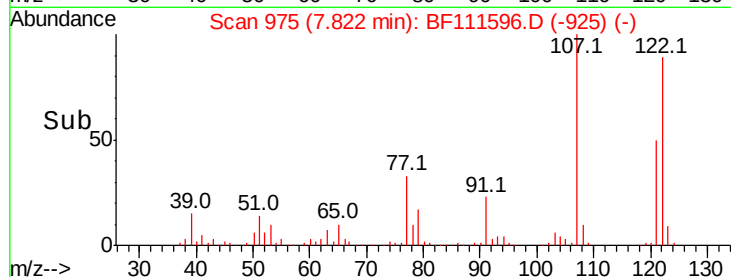
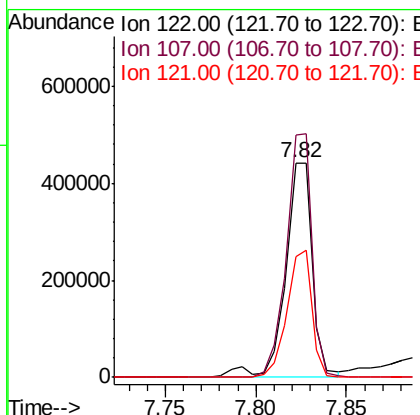
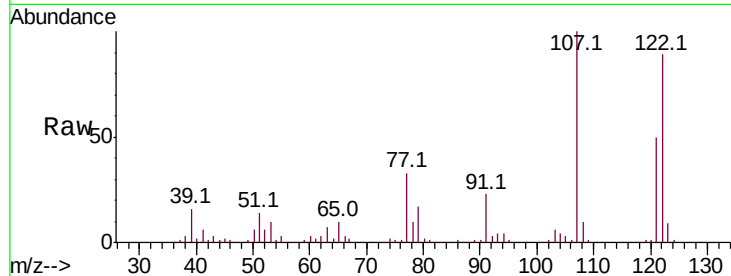




#27
 2,4-Dimethylphenol
 Concen: 40.086 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

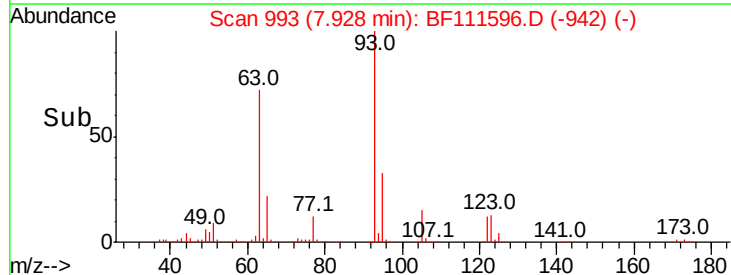
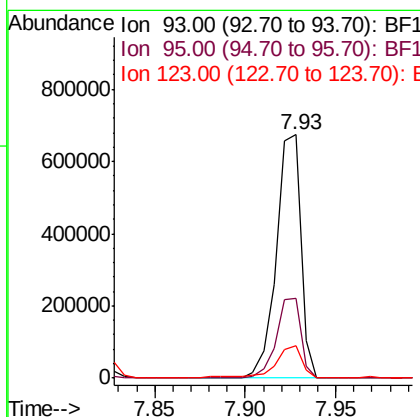
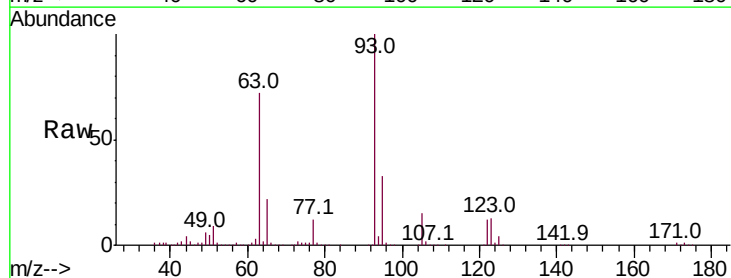
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

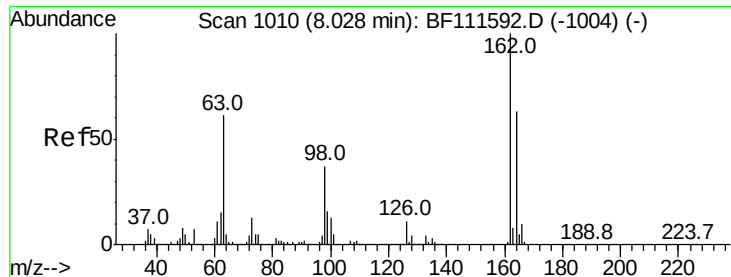
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	85.5	128.3
121	56.0	46.6	70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.999 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.1	40.7
123	13.1	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 39.274 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

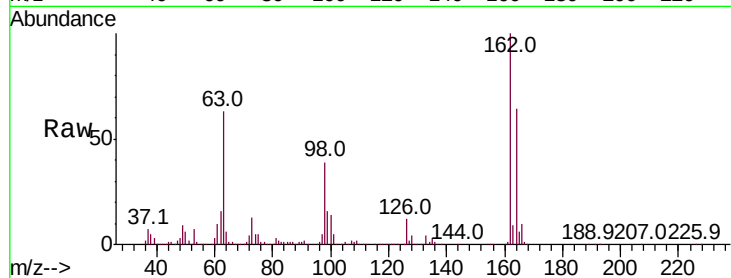
Tot Ion:162 Resp: 486955

Ion Ratio Lower Upper

162 100

164 63.7 44.4 84.4

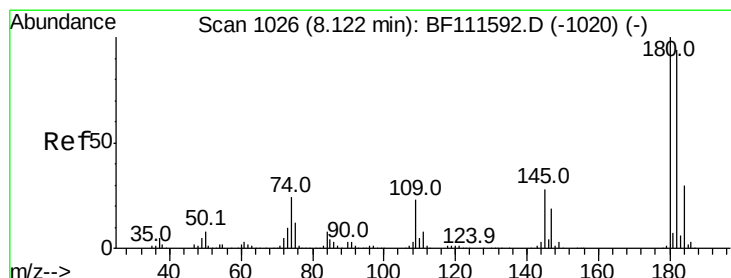
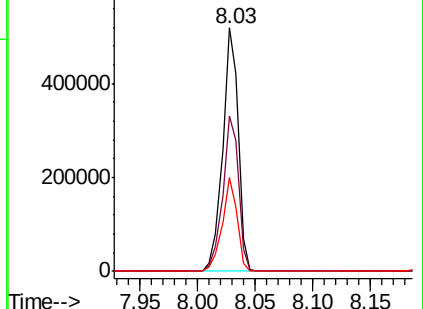
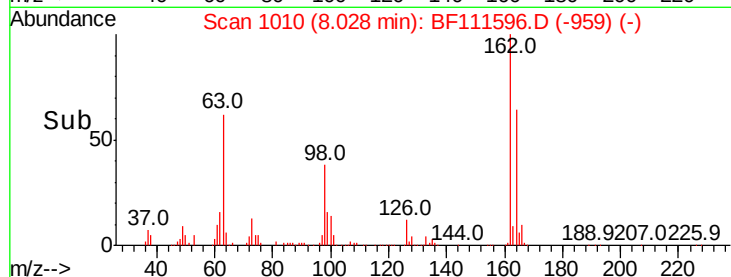
98 38.5 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.181 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

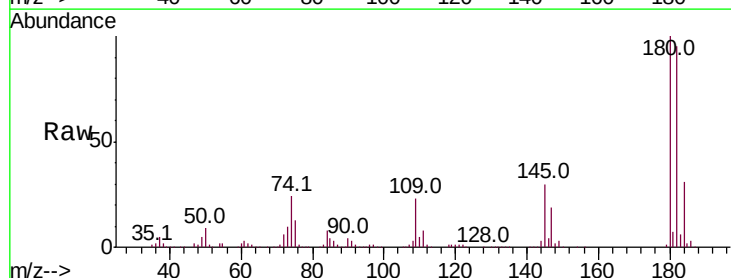
Tgt Ion:180 Resp: 541349

Ion Ratio Lower Upper

180 100

182 94.9 75.6 113.4

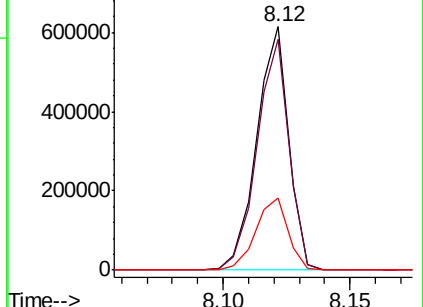
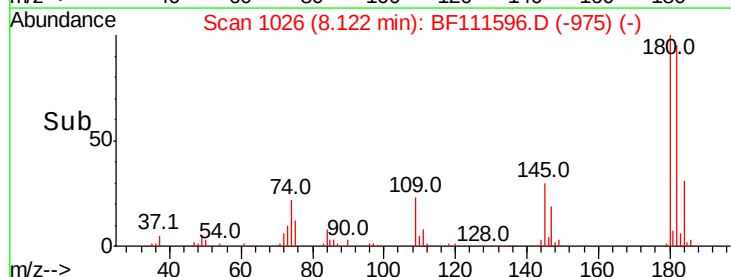
145 29.6 26.7 40.1

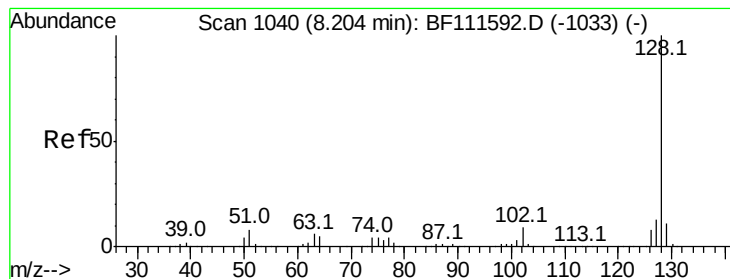


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.721 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

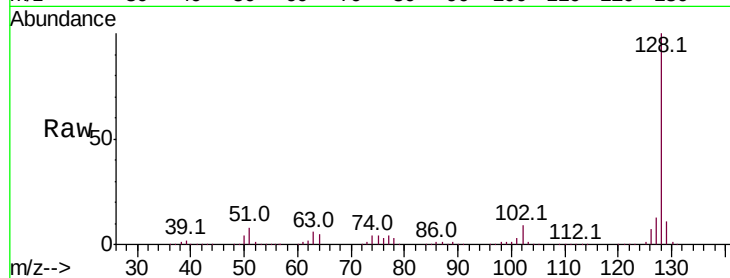
BNA_F

ClientSampleId :

ICVBF121918

Tot Ion:128 Resp: 1528307

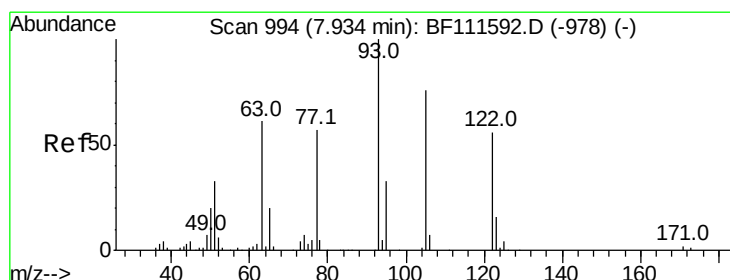
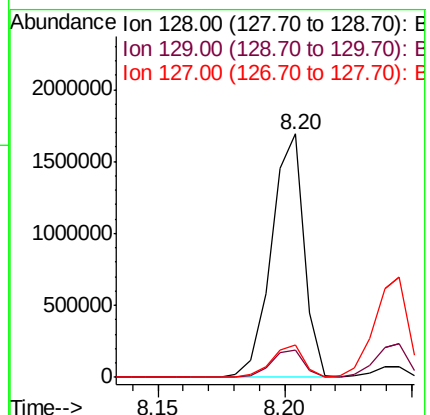
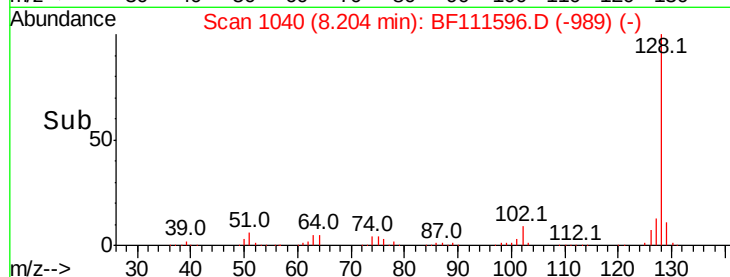
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	13.4	12.0	18.0



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: 33.658 ng

RT: 7.93 min Scan# 994

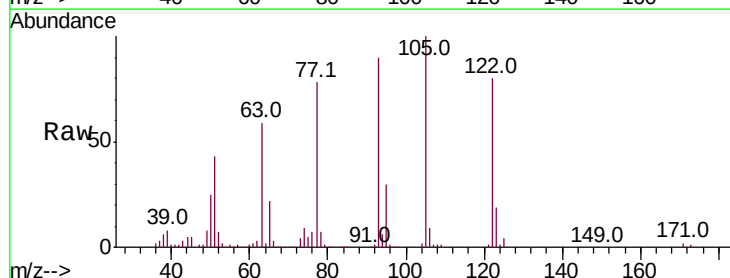
Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Tgt Ion:122 Resp: 256535

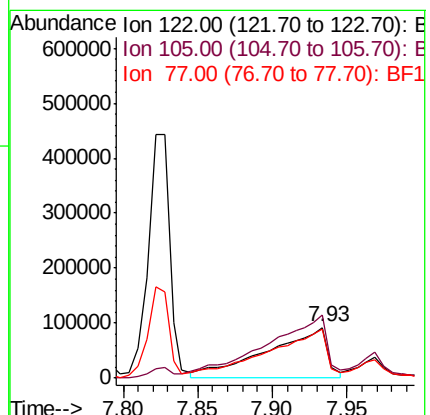
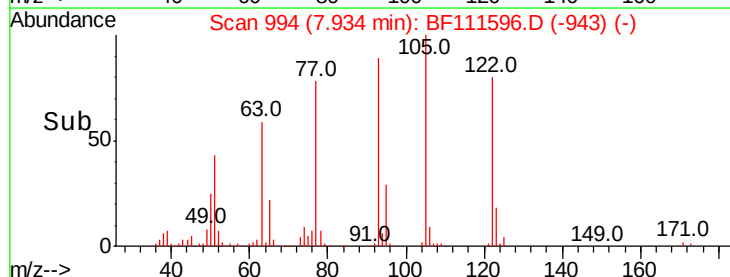
Ion	Ratio	Lower	Upper
122	100		
105	125.3	97.0	137.0
77	98.4	65.7	105.7

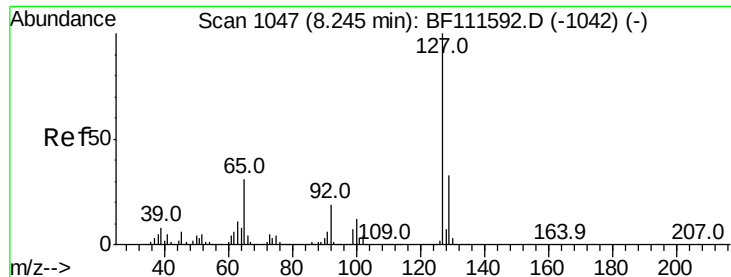


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

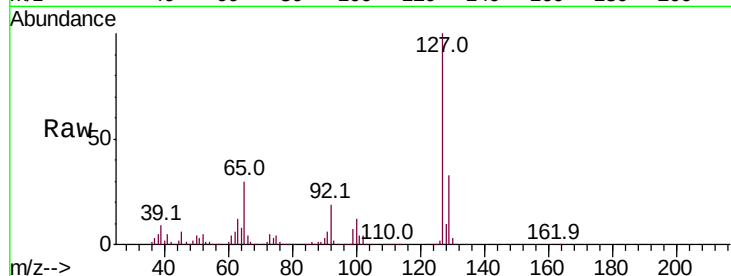




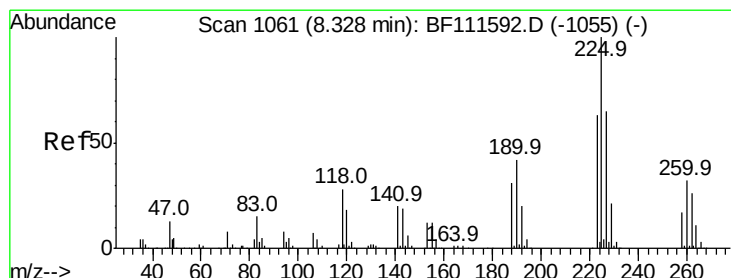
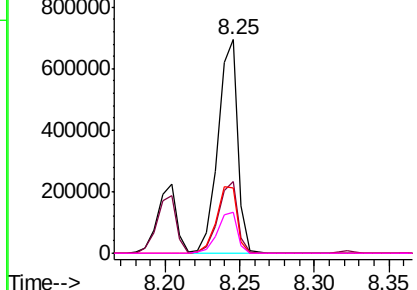
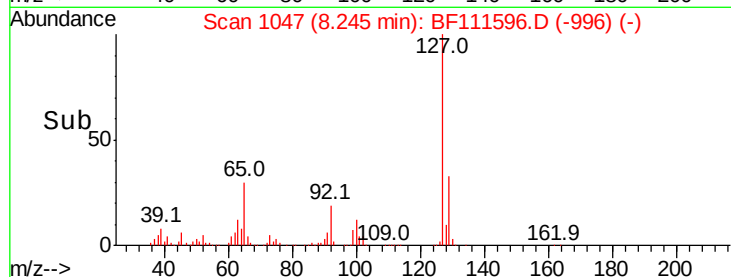
#33
4-Chloroaniline
Concen: 38.838 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion:	127	Resp:	645871
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.6	39.8
65	30.3	25.7	38.5
92	19.4	15.4	23.2

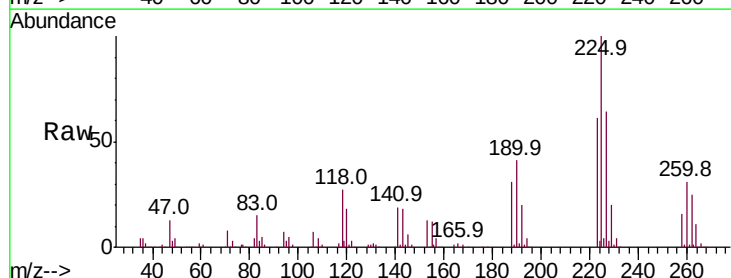


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

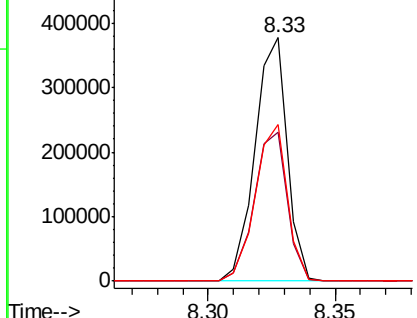
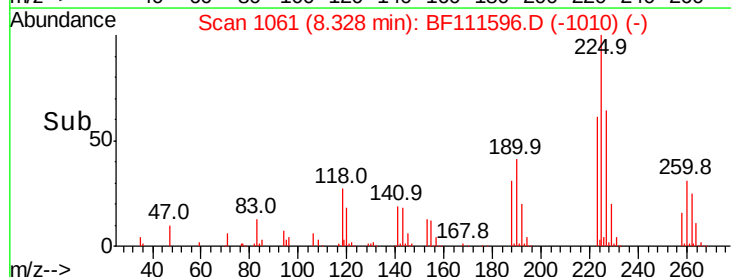


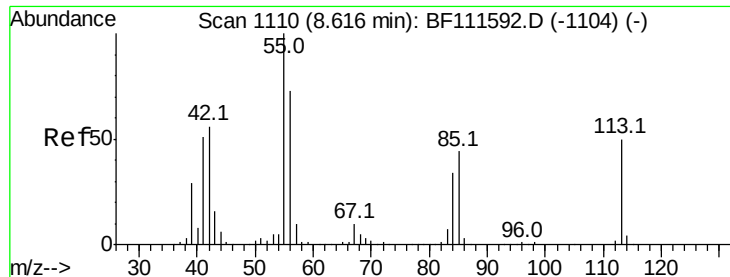
#34
Hexachlorobutadiene
Concen: 39.729 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion:	225	Resp:	334553
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.7	76.1
227	64.3	52.6	78.8



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

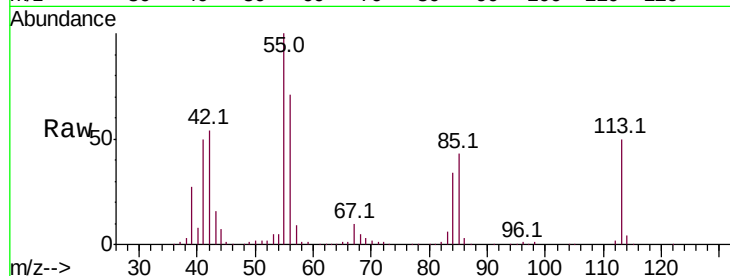




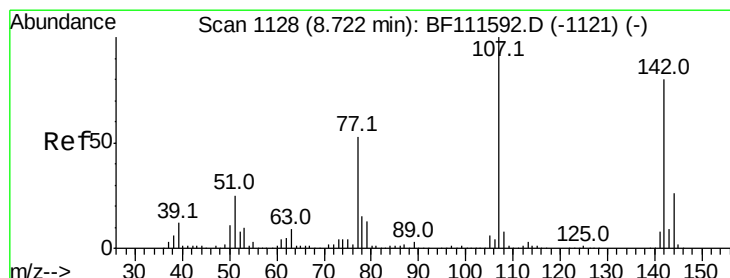
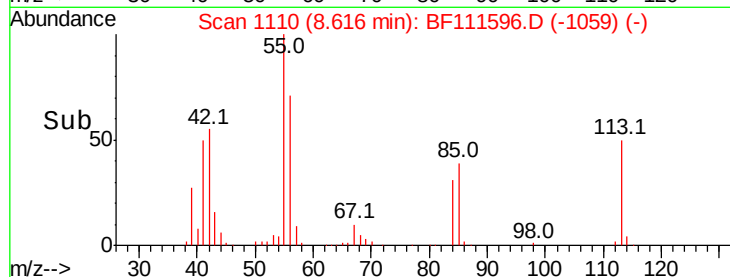
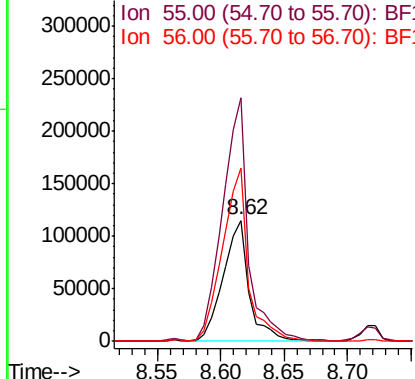
#35
 Caprolactam
 Concen: 38.890 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Tot Ion:113 Resp: 163391
 Ion Ratio Lower Upper
 113 100
 55 200.9 184.1 224.1
 56 142.6 126.0 166.0

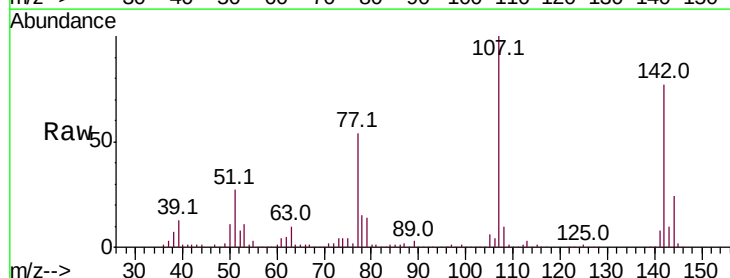


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

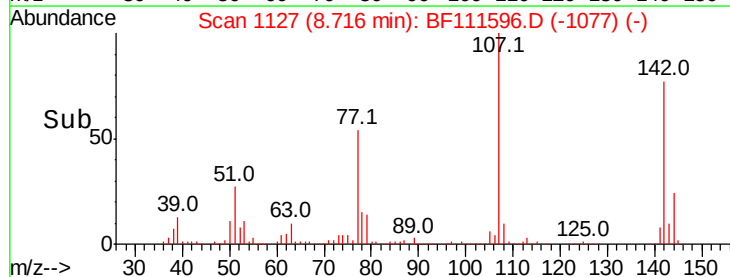
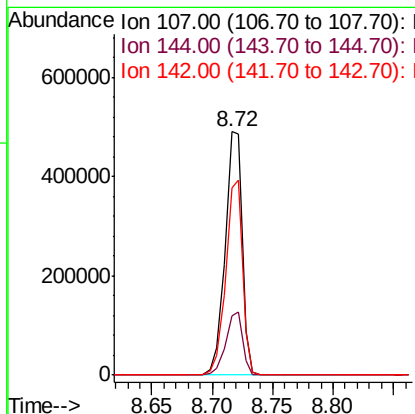


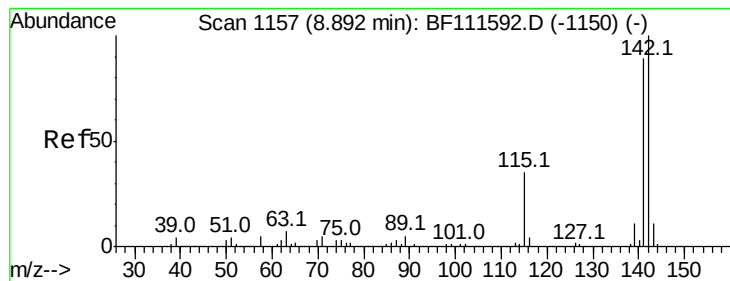
#36
 4-Chloro-3-methylphenol
 Concen: 39.691 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion:107 Resp: 483755
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.8 29.6
 142 77.1 62.3 93.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.342 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

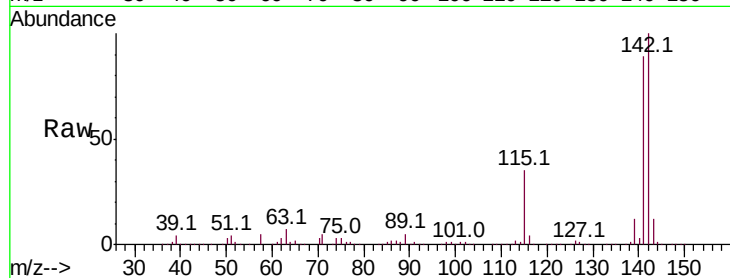
Tot Ion:142 Resp: 984822

Ion Ratio Lower Upper

142 100

141 88.9 70.6 105.8

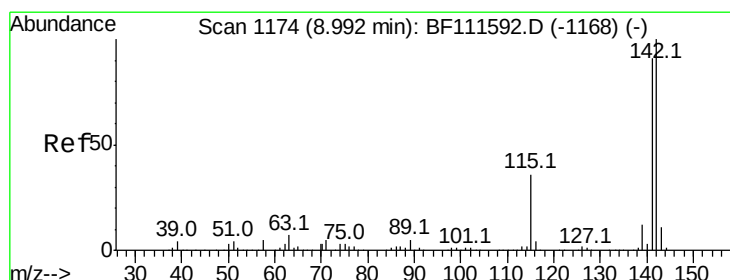
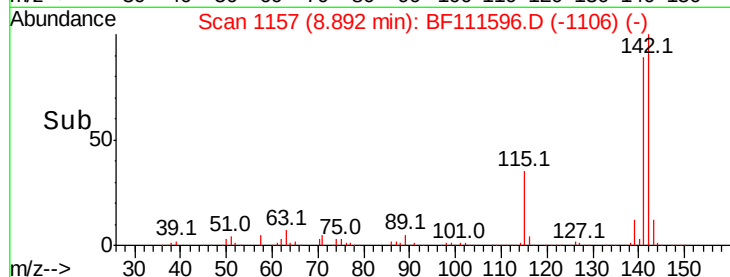
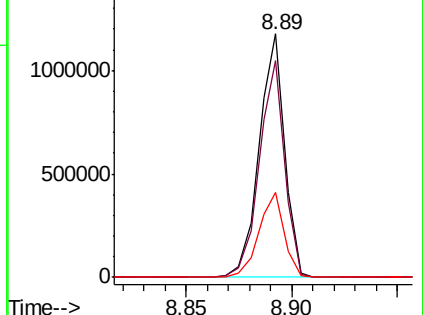
115 34.7 27.0 40.6



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: 39.314 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

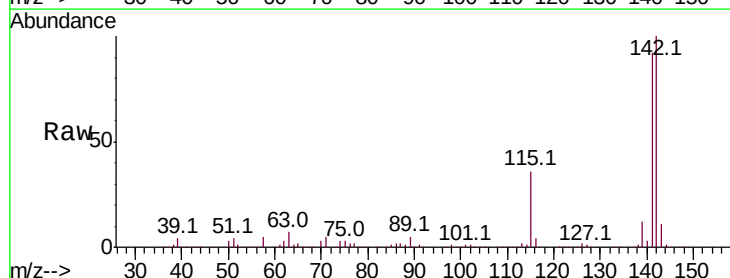
Tgt Ion:142 Resp: 945173

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4

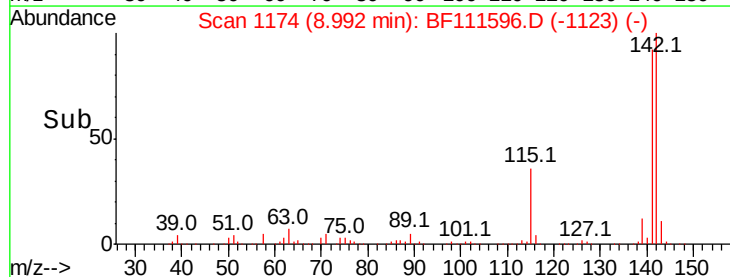
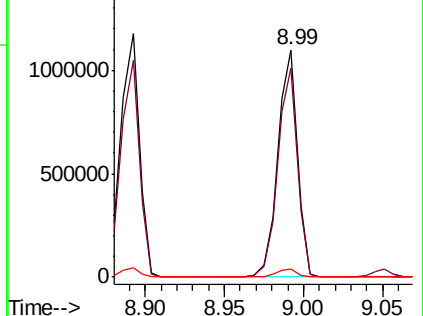
116 3.8 2.9 4.3

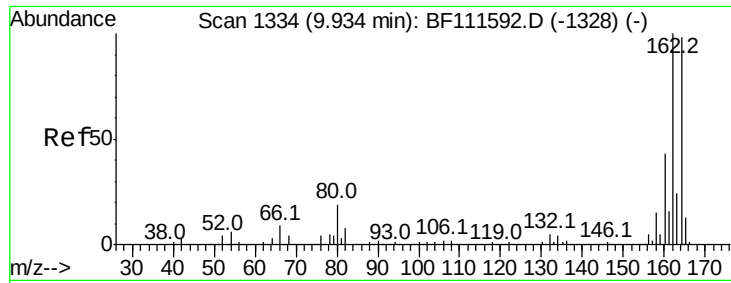


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

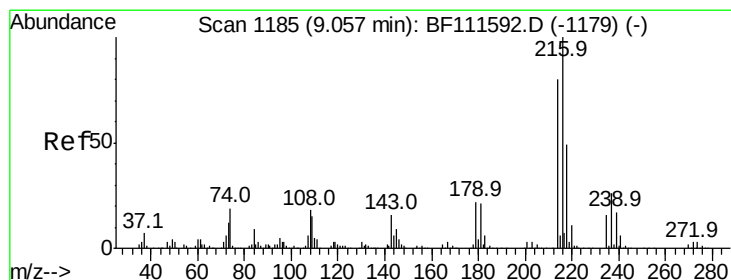
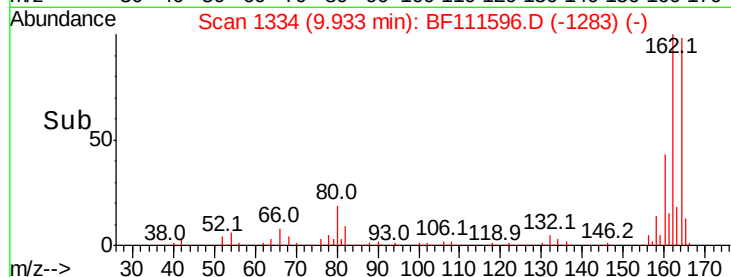
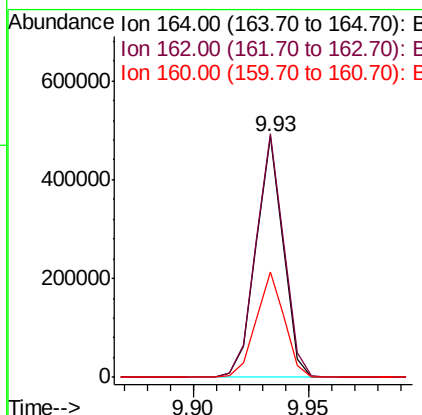
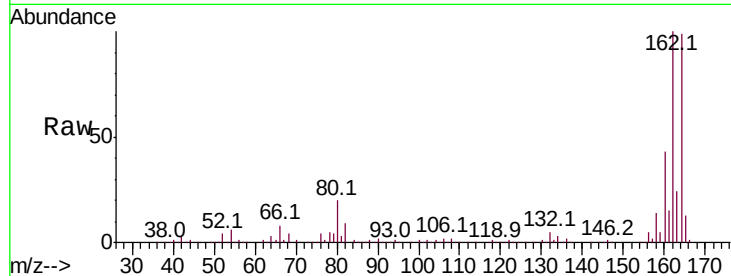




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

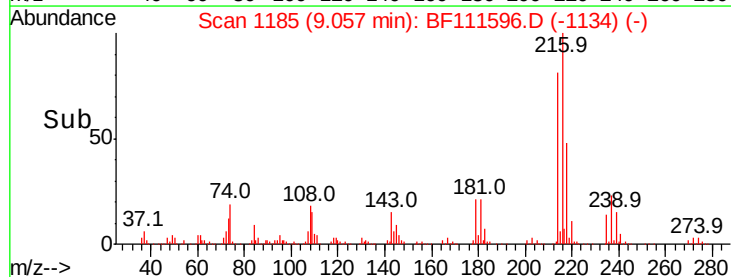
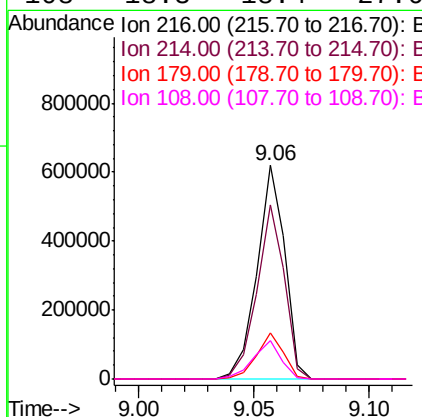
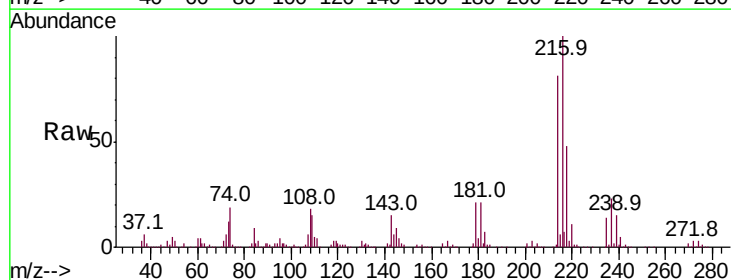
Instrument :
BNA_F
ClientSampleId :
ICVBF121918

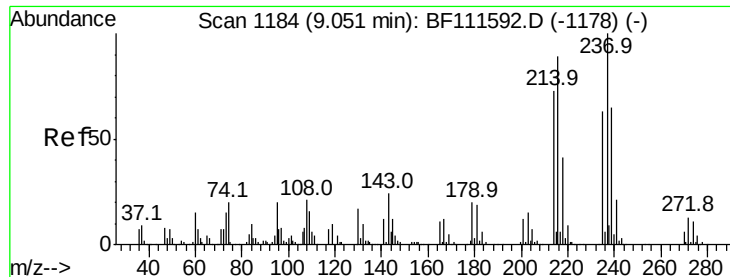
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	43.8	35.7	53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.413 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.8	95.8
179	21.0	17.9	26.9
108	18.3	18.4	27.6#





#41

Hexachlorocyclopentadiene

Concen: 37.928 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

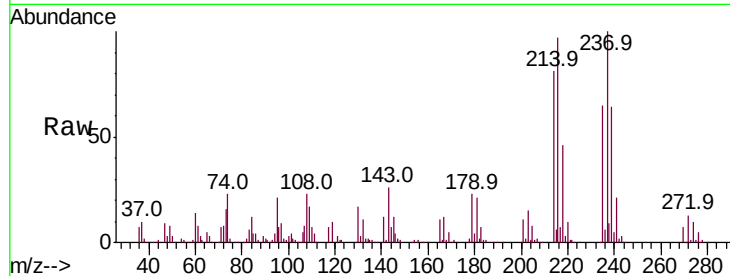
Tot Ion:237 Resp: 243096

Ion Ratio Lower Upper

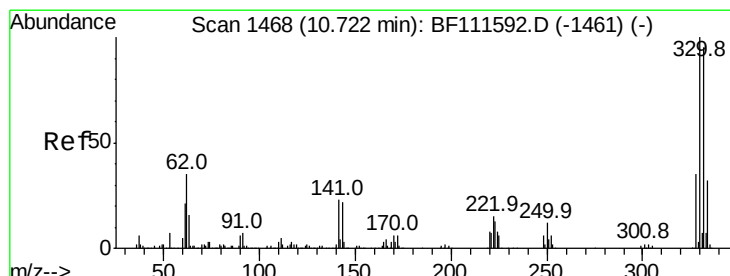
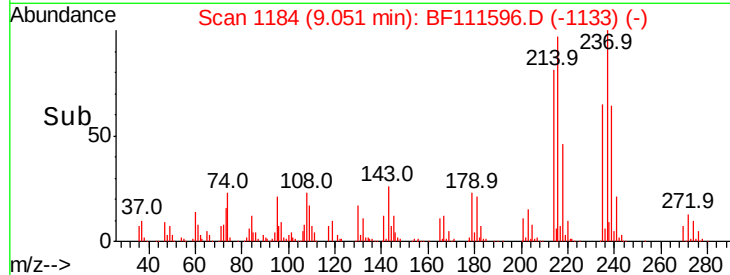
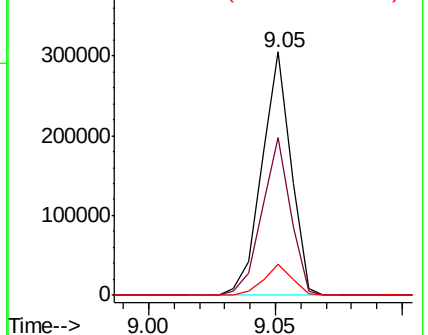
237 100

235 65.0 43.1 83.1

272 12.6 0.0 33.0



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: 80.185 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

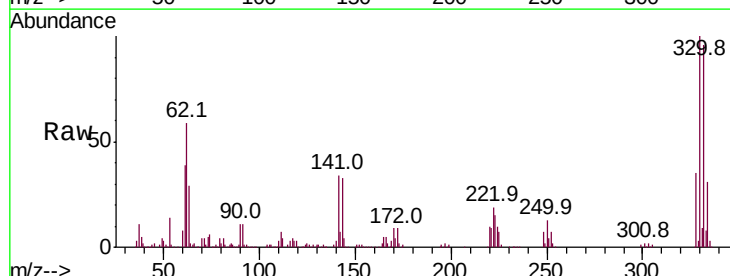
Tgt Ion:330 Resp: 380830

Ion Ratio Lower Upper

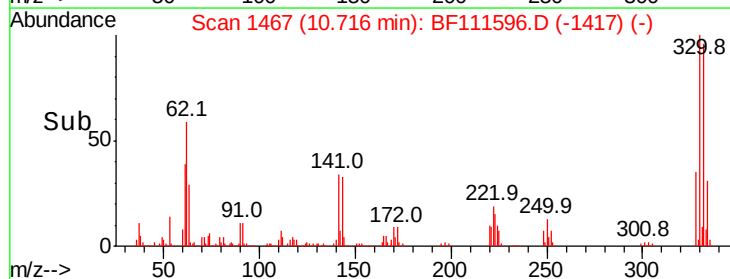
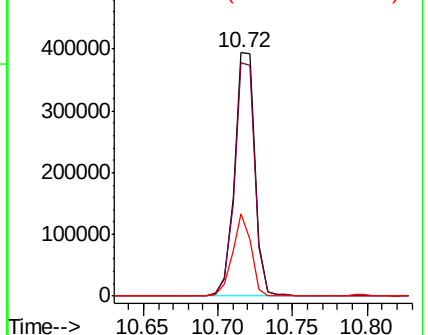
330 100

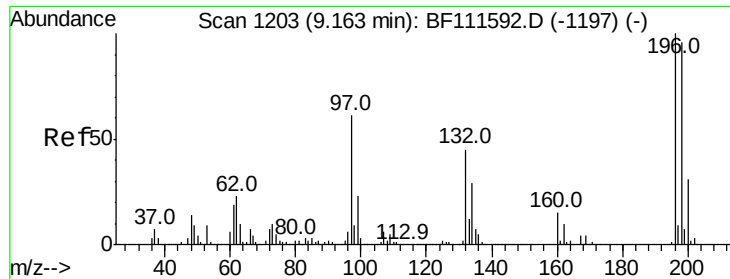
332 96.0 76.0 114.0

141 31.0 31.0 46.6#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

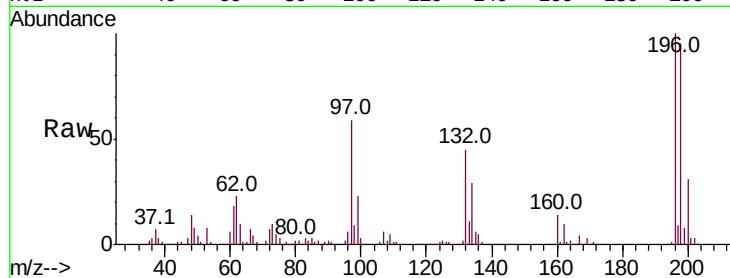




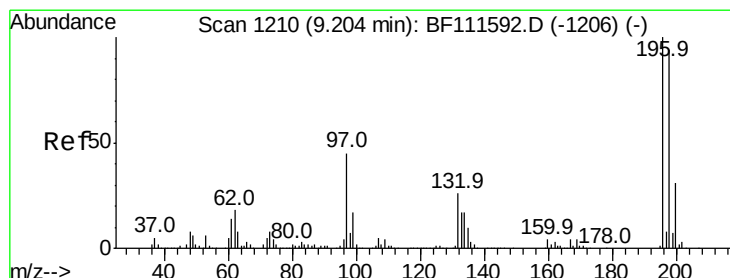
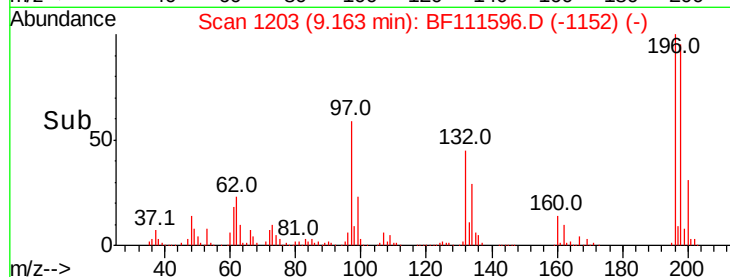
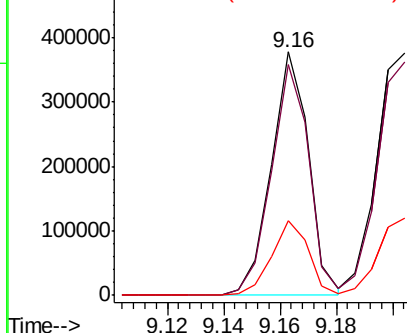
#43
 2,4,6-Trichlorophenol
 Concen: 39.162 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Tot Ion:196 Resp: 345351
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.3 114.5
 200 30.6 24.9 37.3

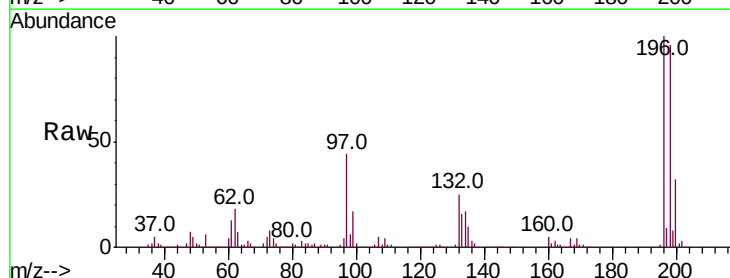


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

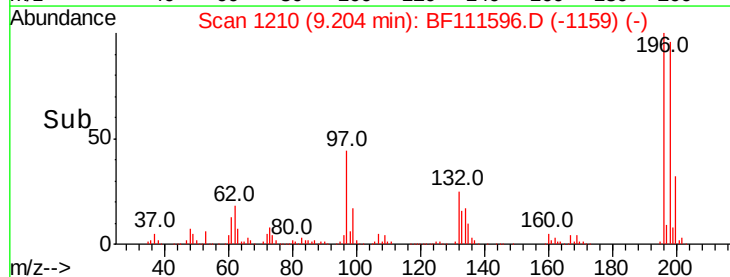
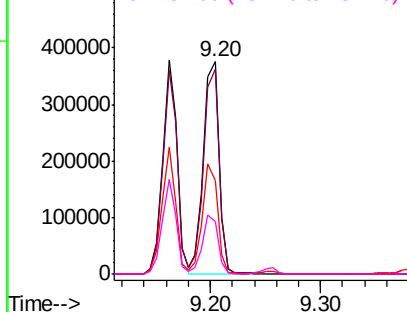


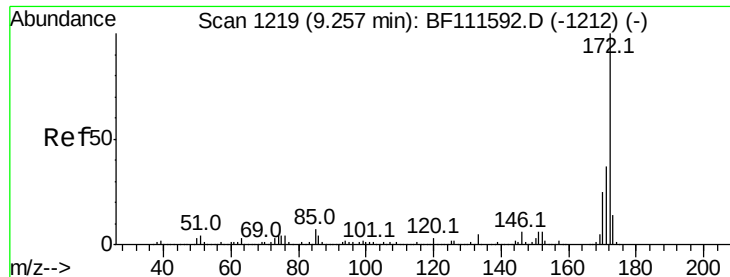
#44
 2,4,5-Trichlorophenol
 Concen: 39.821 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion:196 Resp: 360252
 Ion Ratio Lower Upper
 196 100
 198 96.4 72.9 109.3
 97 44.1 45.3 67.9#
 132 25.0 25.5 38.3#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

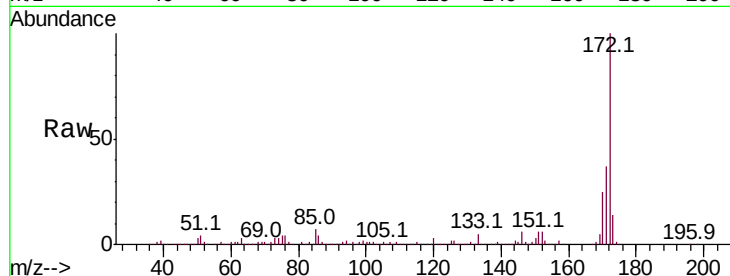




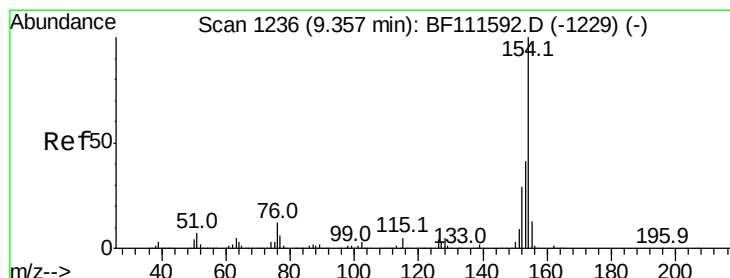
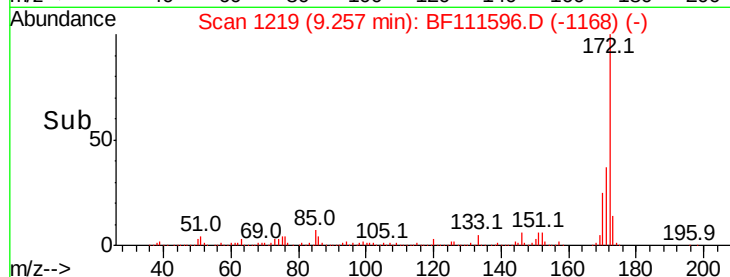
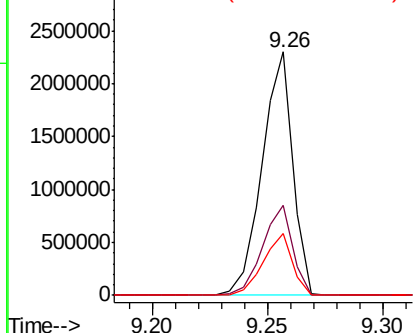
#45
2-Fluorobiphenyl
Concen: 77.077 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion:172 Resp: 2125557
Ion Ratio Lower Upper
172 100
171 37.0 33.0 49.4
170 25.3 22.3 33.5

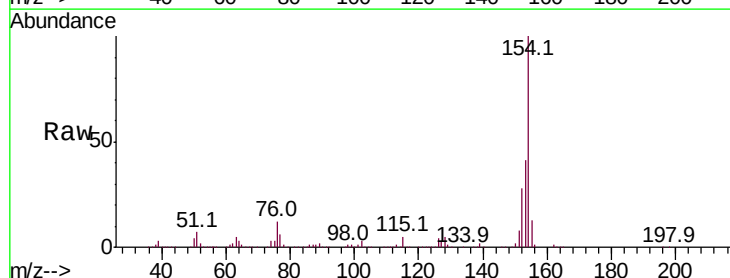


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

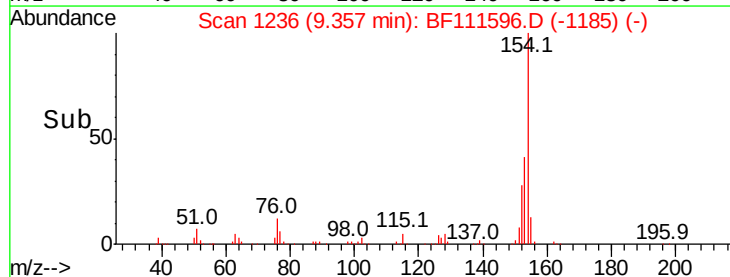
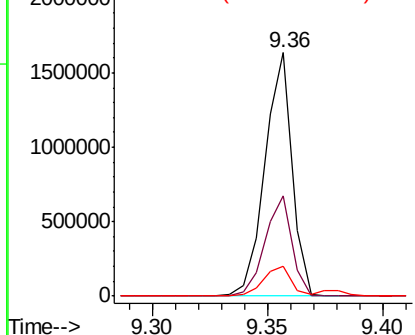


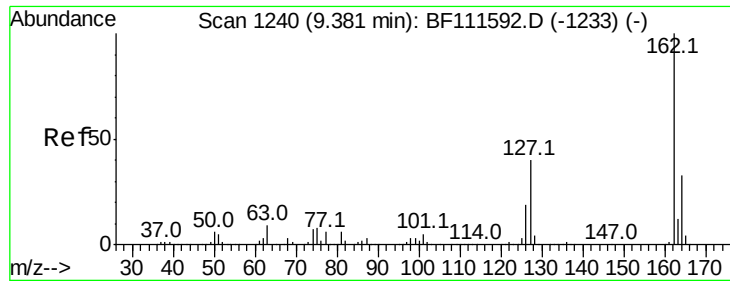
#46
1,1'-Biphenyl
Concen: 39.423 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion:154 Resp: 1337663
Ion Ratio Lower Upper
154 100
153 41.1 23.7 63.7
76 12.1 0.0 35.0



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

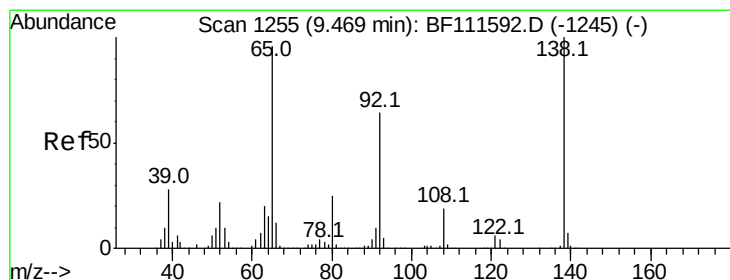
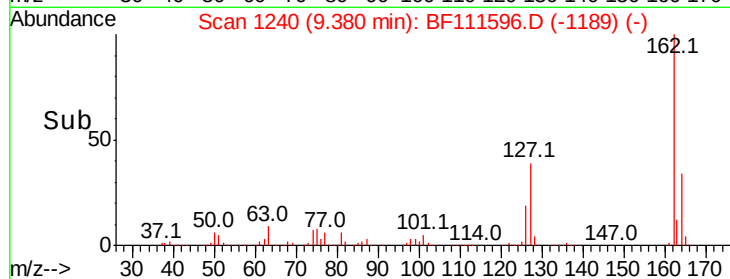
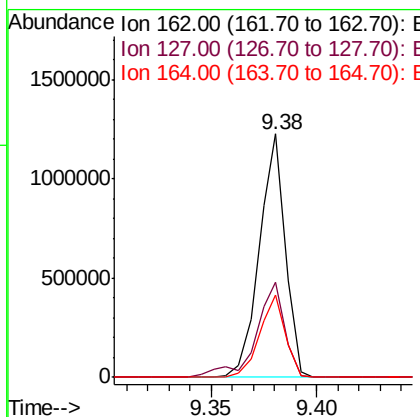
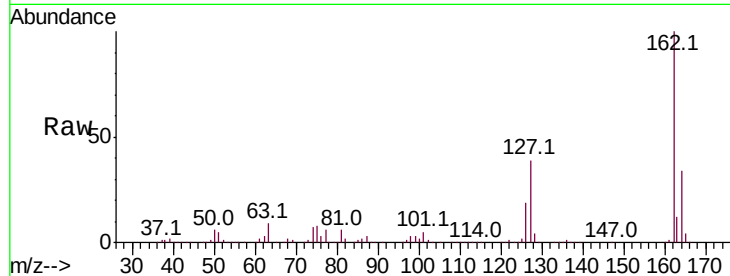




#47
 2-Chloronaphthalene
 Concen: 38.974 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

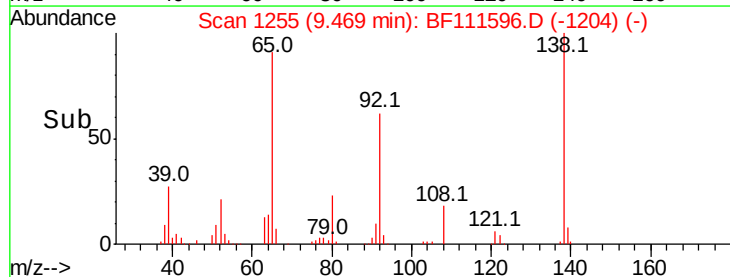
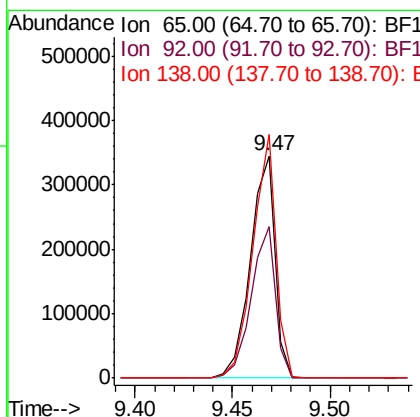
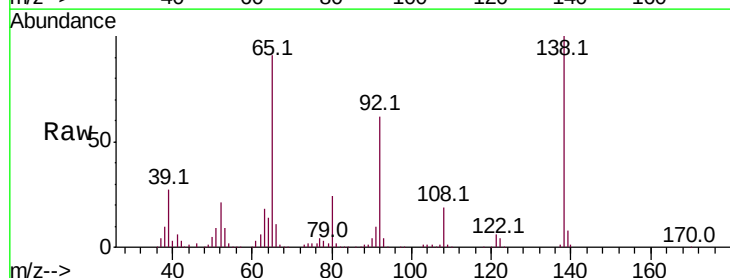
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

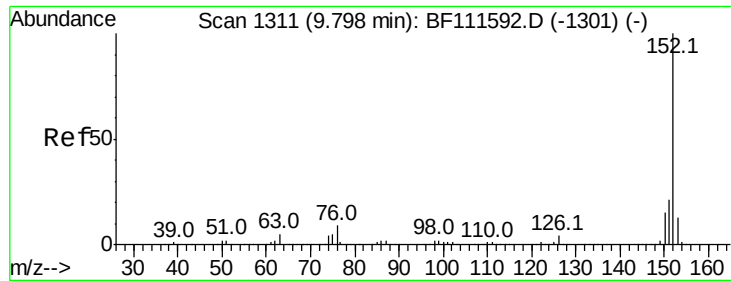
Tot Ion:162 Resp: 1047740
 Ion Ratio Lower Upper
 162 100
 127 39.0 35.0 52.4
 164 33.7 28.4 42.6



#48
 2-Nitroaniline
 Concen: 43.116 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion: 65 Resp: 301543
 Ion Ratio Lower Upper
 65 100
 92 68.1 53.5 80.3
 138 109.5 80.9 121.3





#49

Acenaphthylene

Concen: 39.585 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

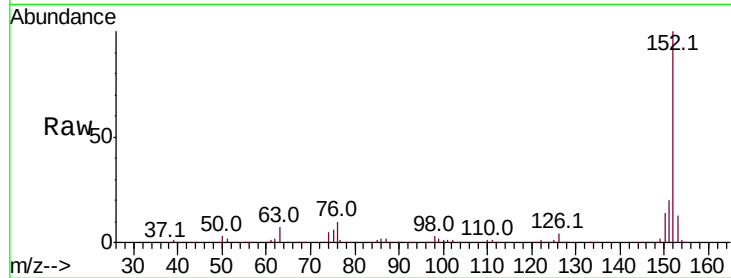
Tot Ion:152 Resp: 1553759

Ion Ratio Lower Upper

152 100

151 20.4 18.0 27.0

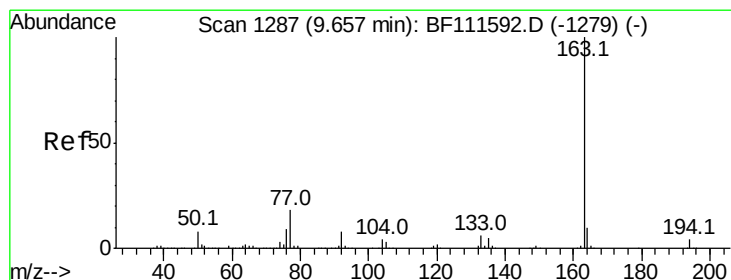
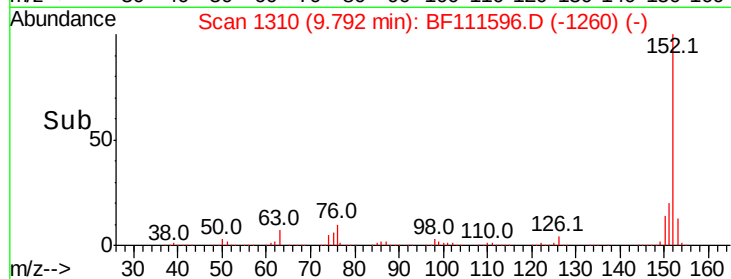
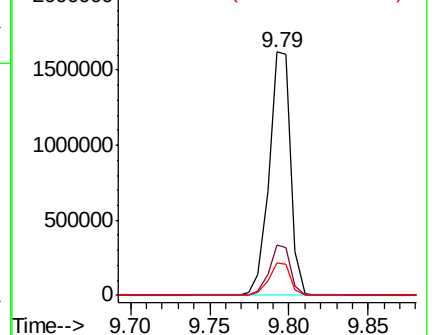
153 13.5 12.3 18.5



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: 39.729 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

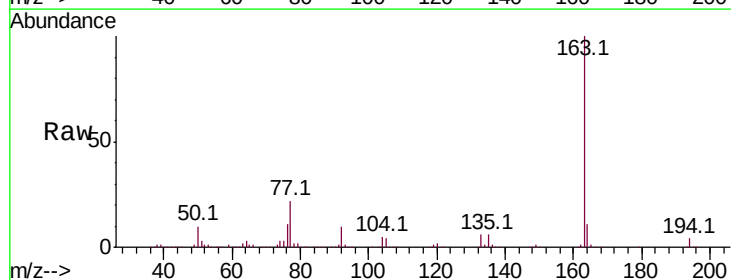
Tgt Ion:163 Resp: 1167791

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

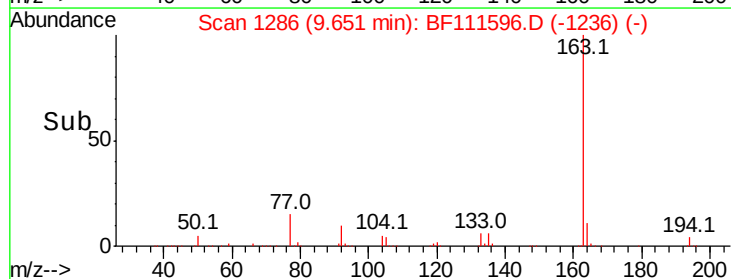
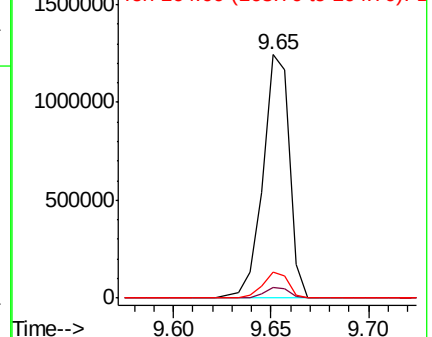
164 10.7 8.9 13.3

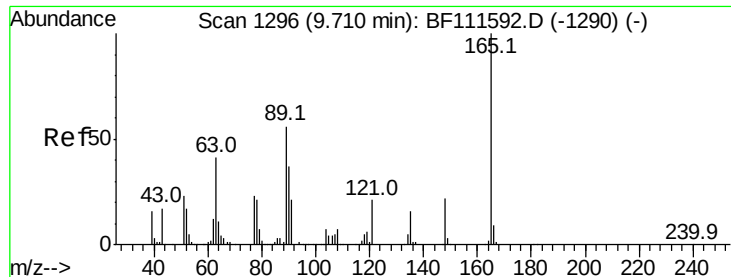


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.183 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

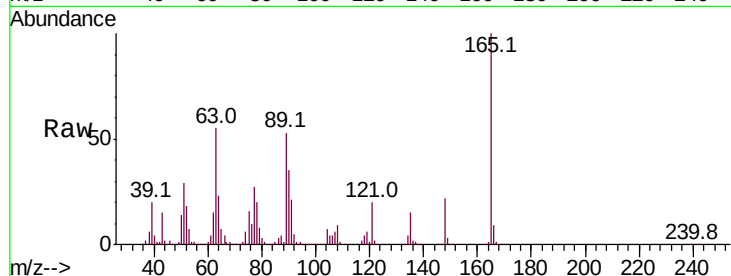
Tot Ion:165 Resp: 253102

Ion Ratio Lower Upper

165 100

63 55.4 40.5 60.7

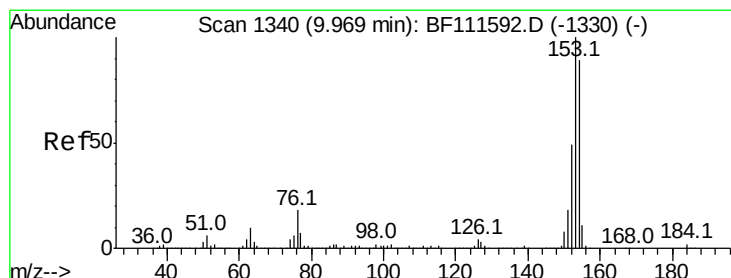
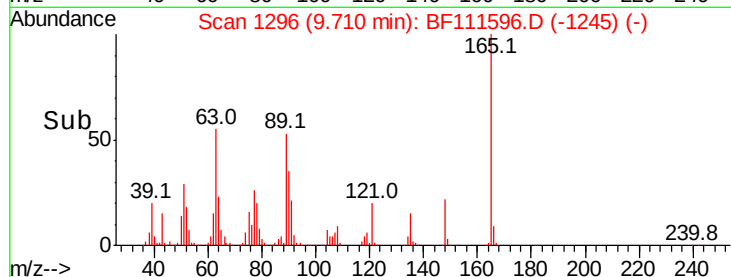
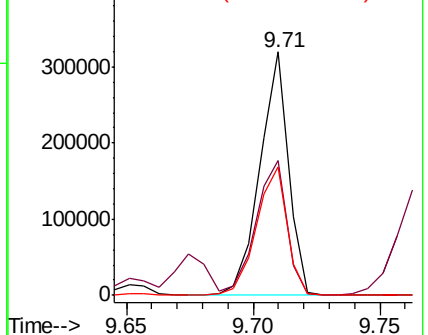
89 52.6 40.0 60.0



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: 39.773 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

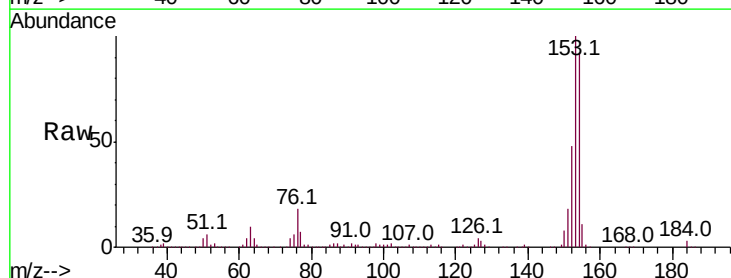
Tgt Ion:154 Resp: 962837

Ion Ratio Lower Upper

154 100

153 109.2 87.8 131.8

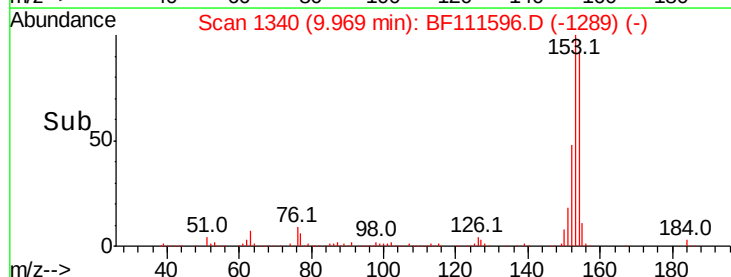
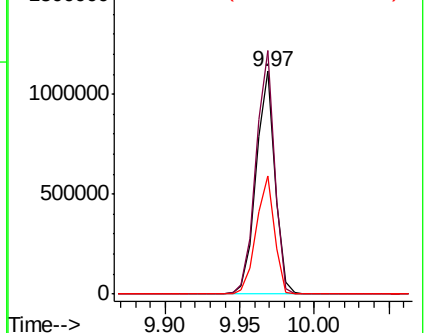
152 52.7 43.4 65.2

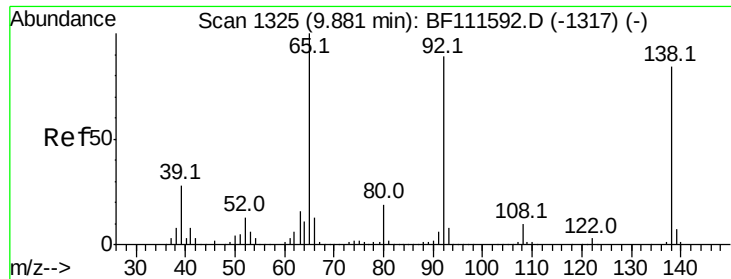


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

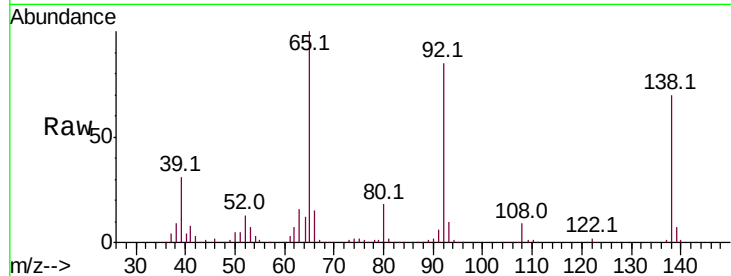




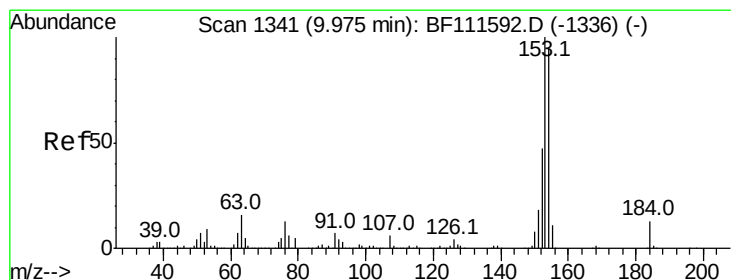
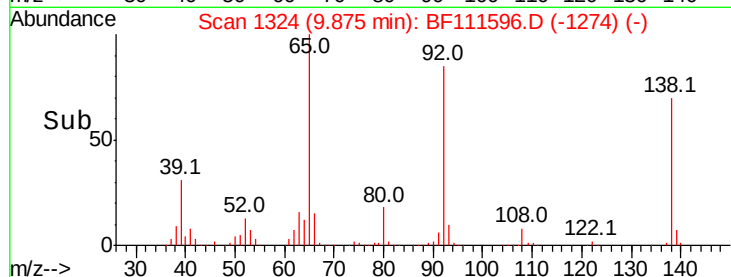
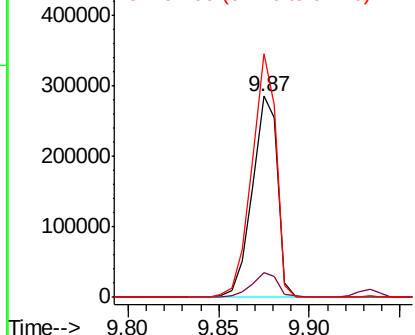
#53
3-Nitroaniline
Concen: 43.963 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion:138 Resp: 274803
Ion Ratio Lower Upper
138 100
108 12.3 8.2 12.4
92 121.1 93.4 140.2

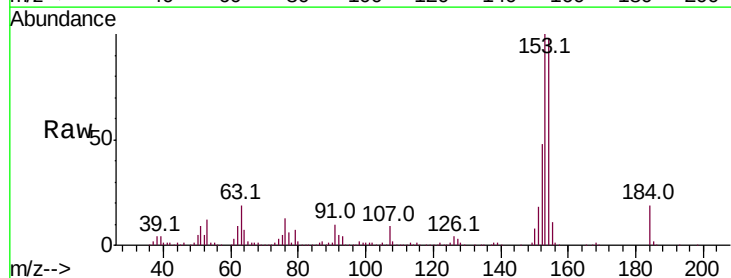


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

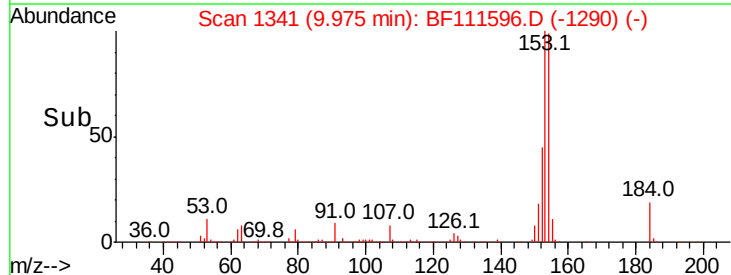
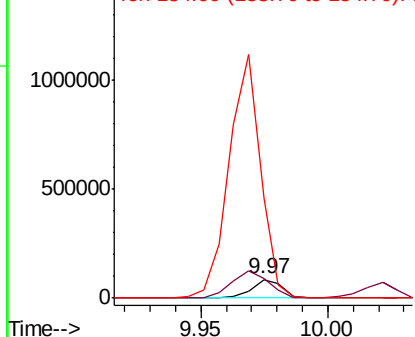


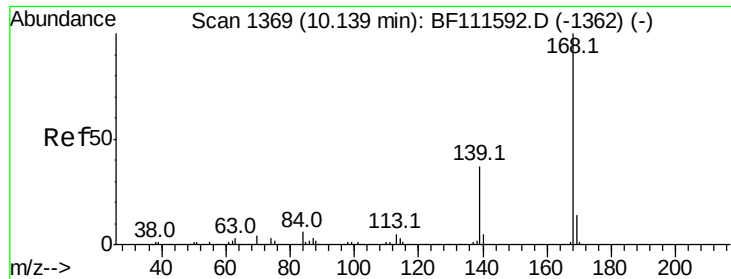
#54
2,4-Dinitrophenol
Concen: 42.047 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion:184 Resp: 71913
Ion Ratio Lower Upper
184 100
63 104.1 62.3 93.5#
154 530.9 56.2 84.2#



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

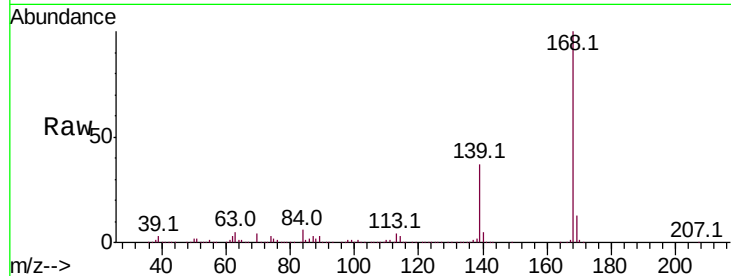




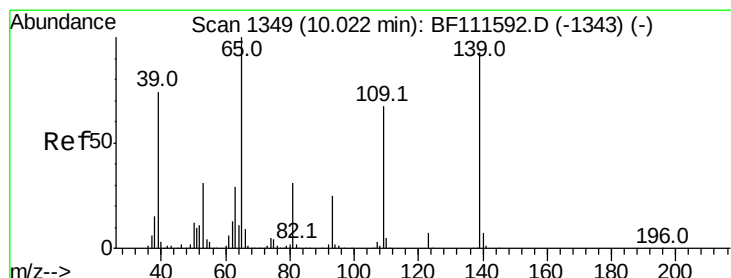
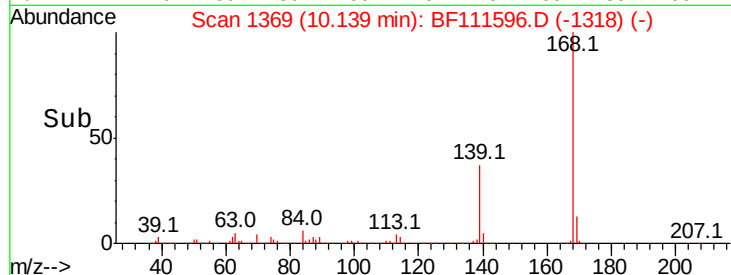
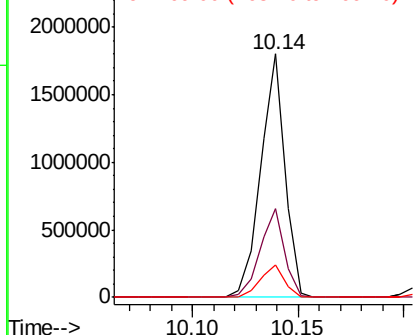
#55
Dibenzofuran
Concen: 39.321 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion:168 Resp: 1438130
Ion Ratio Lower Upper
168 100
139 36.7 32.6 49.0
169 13.5 11.8 17.6

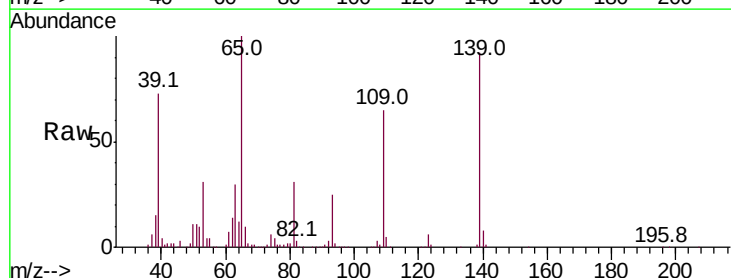


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

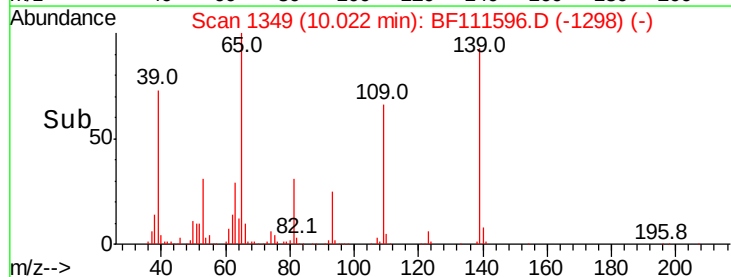
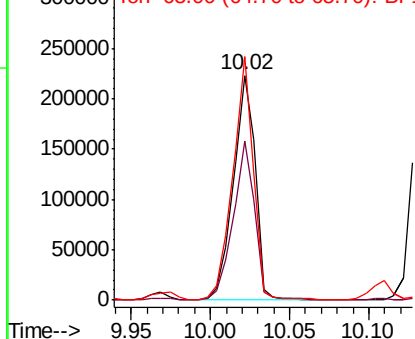


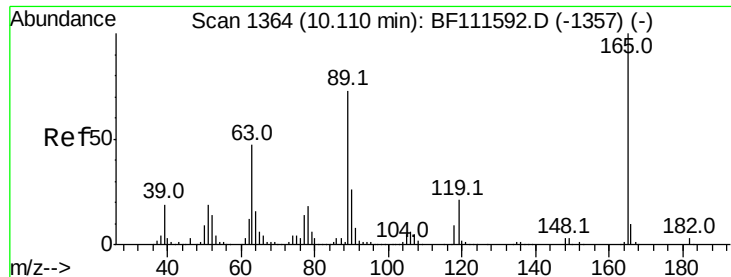
#56
4-Nitrophenol
Concen: 44.797 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion:139 Resp: 213698
Ion Ratio Lower Upper
139 100
109 71.0 41.8 81.8
65 108.5 79.6 119.6



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





#57

2,4-Dinitrotoluene

Concen: 44.165 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion:165 Resp: 311108

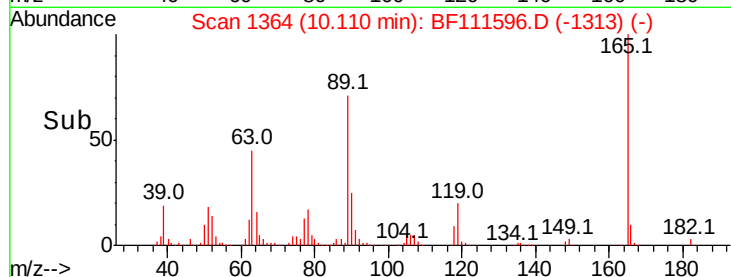
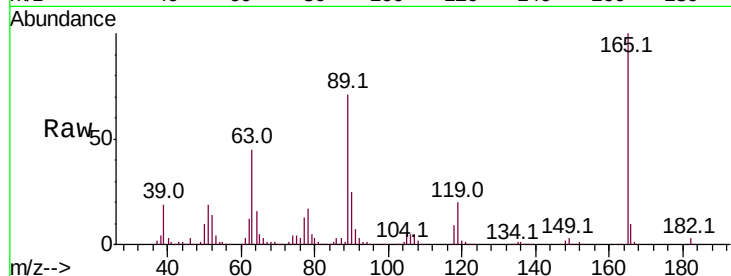
Ion Ratio Lower Upper

165 100

63 45.3 34.6 52.0

89 70.7 56.2 84.4

182 2.9 1.8 2.6#

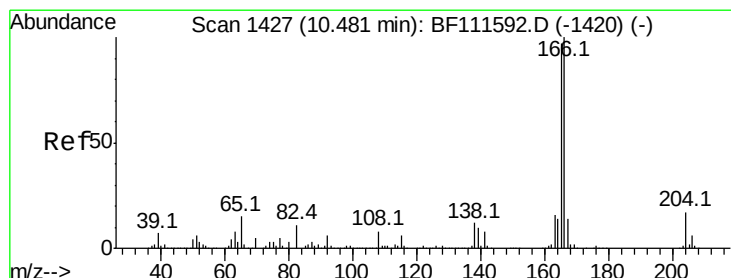
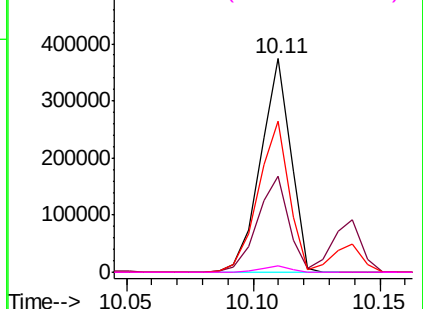


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.806 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

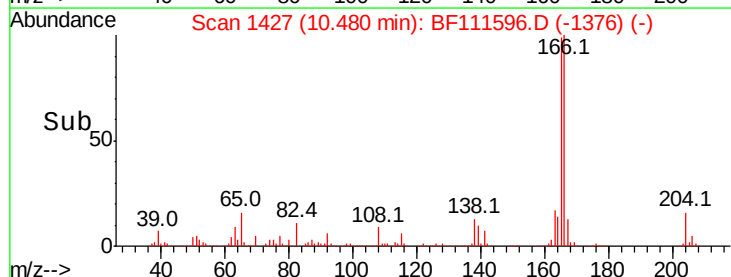
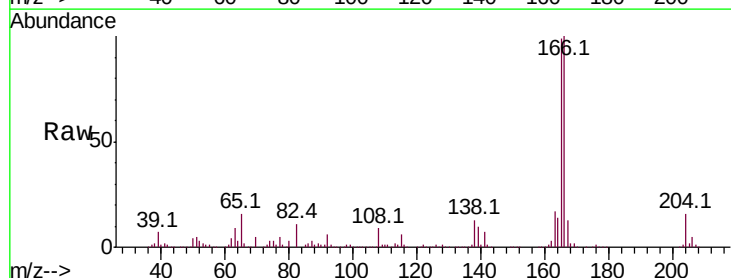
Tgt Ion:166 Resp: 1022730

Ion Ratio Lower Upper

166 100

165 99.2 78.4 117.6

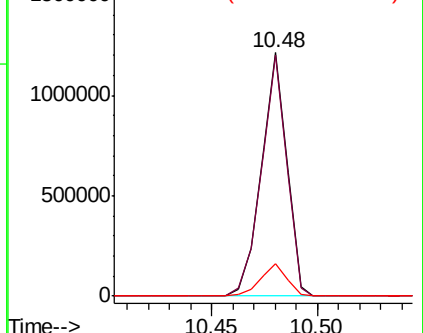
167 13.4 11.2 16.8

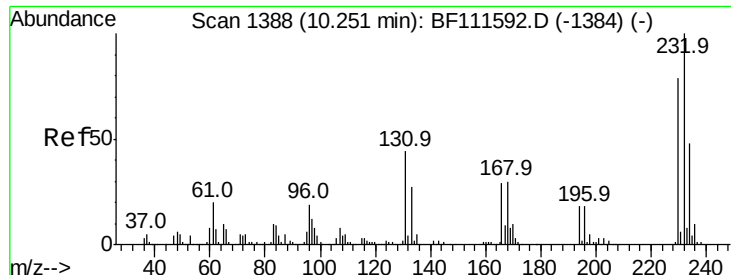


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

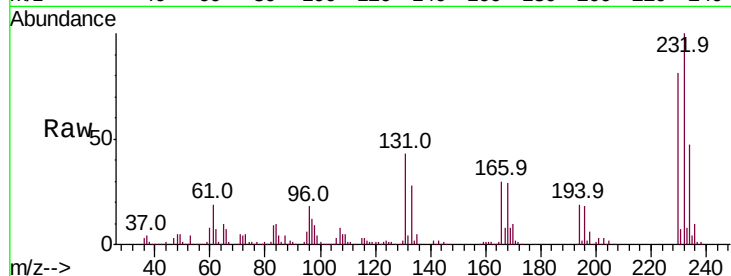




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.686 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.8	40.9	61.3
130	2.1	2.0	3.0
166	29.5	26.8	40.2



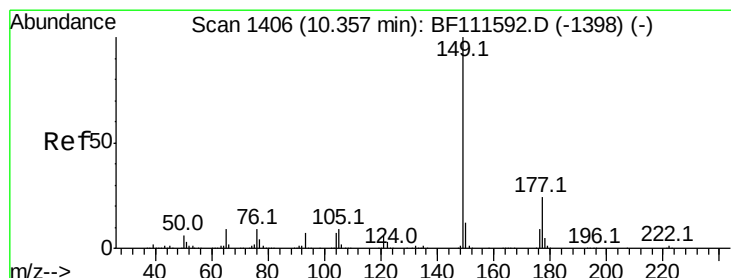
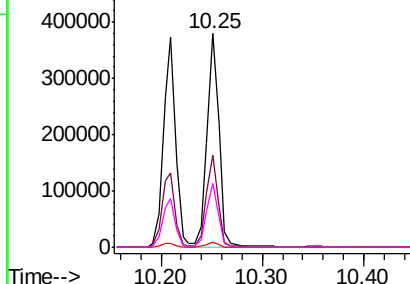
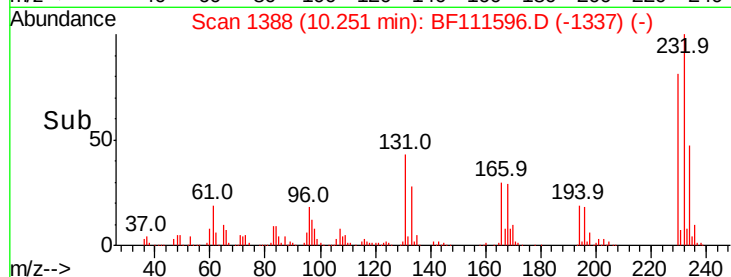
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

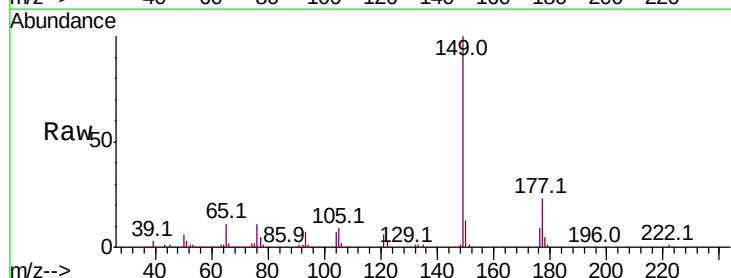
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.739 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.8	10.6	15.8

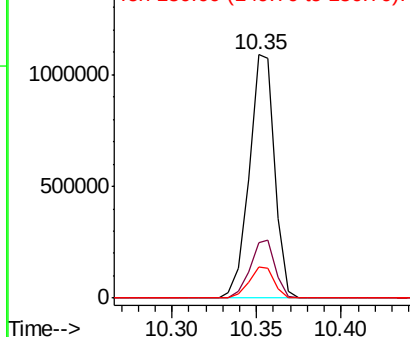
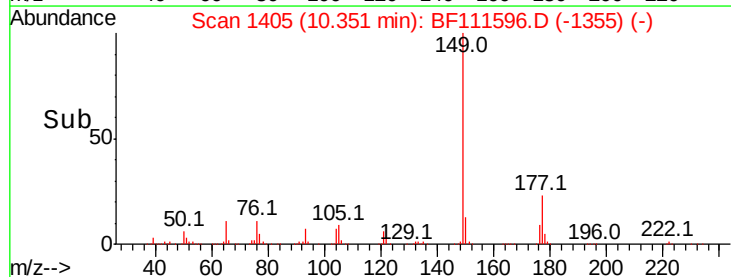


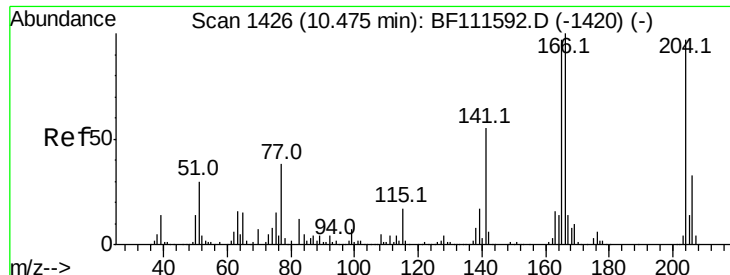
Abundance

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

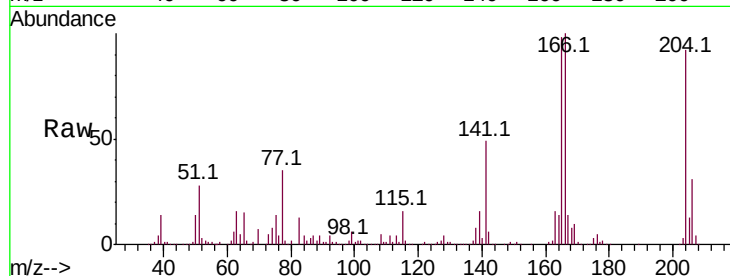




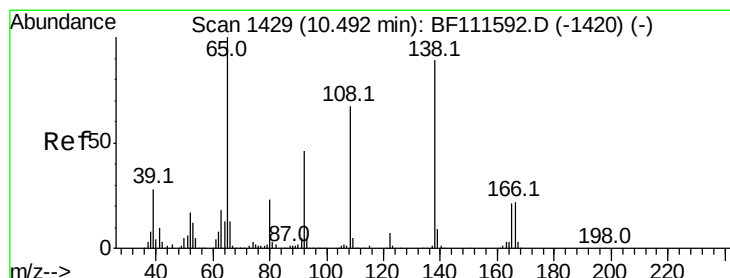
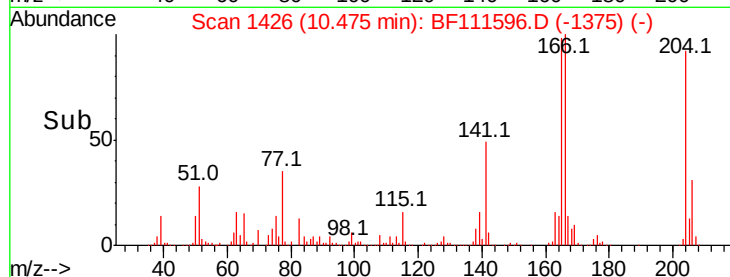
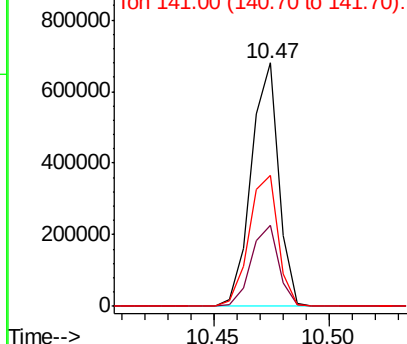
#61
4-Chlorophenyl-phenylether
Concen: 38.974 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion:204 Resp: 567487
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 53.7 52.6 78.8

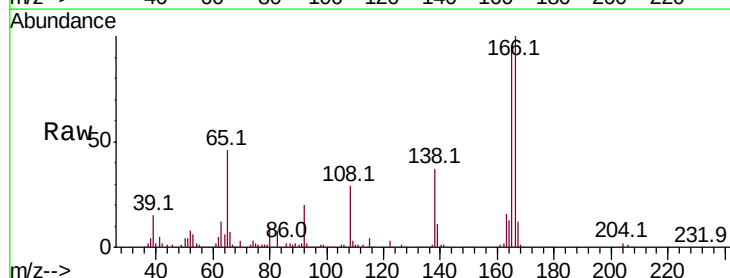


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

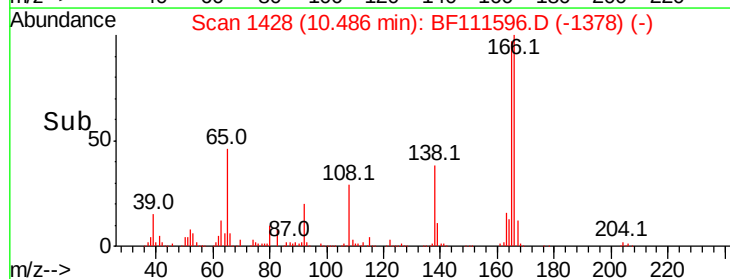
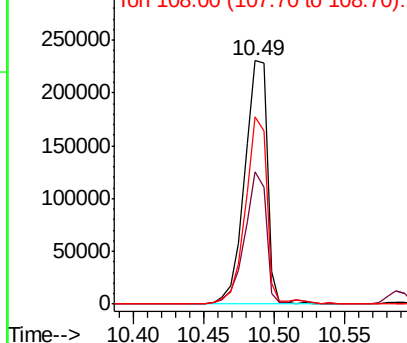


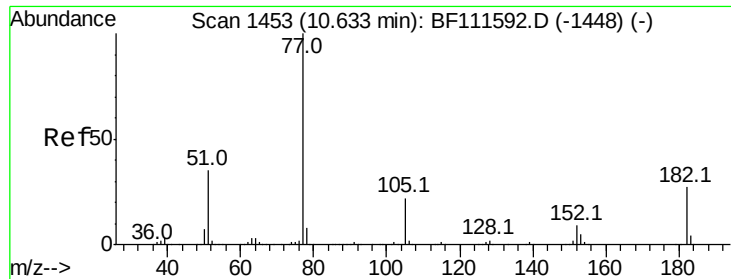
#62
4-Nitroaniline
Concen: 42.445 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion:138 Resp: 257866
Ion Ratio Lower Upper
138 100
92 54.1 29.9 69.9
108 76.9 43.2 83.2



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





#63

Azobenzene

Concen: 39.819 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion: 77 Resp: 1152623

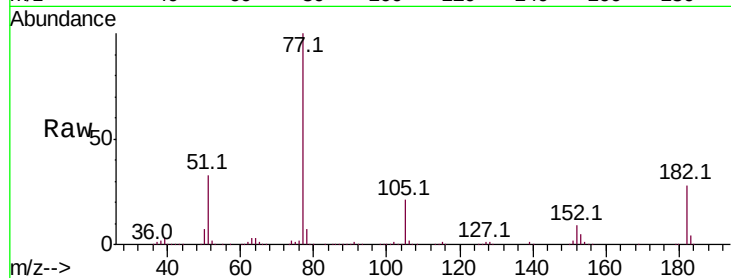
Ion Ratio Lower Upper

77 100

182 28.3 4.9 44.9

105 21.4 6.0 46.0

51 33.4 14.7 54.7

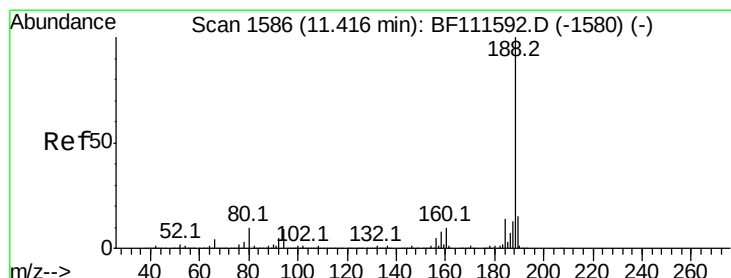
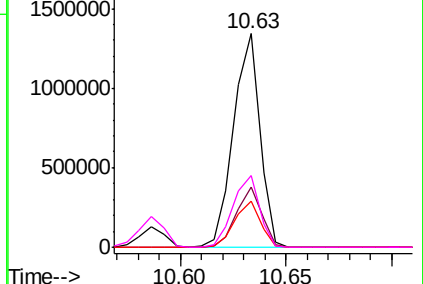
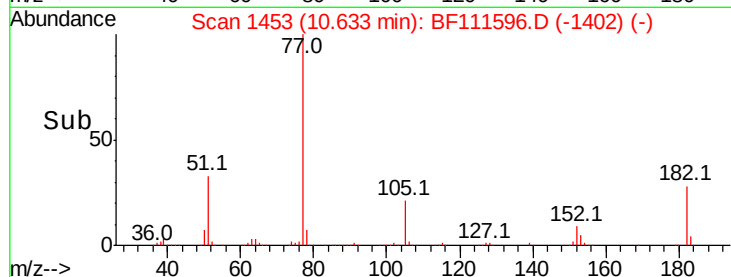


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

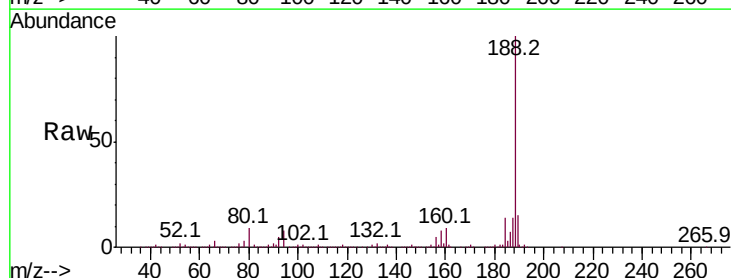
Tgt Ion: 188 Resp: 762986

Ion Ratio Lower Upper

188 100

94 8.5 9.6 14.4#

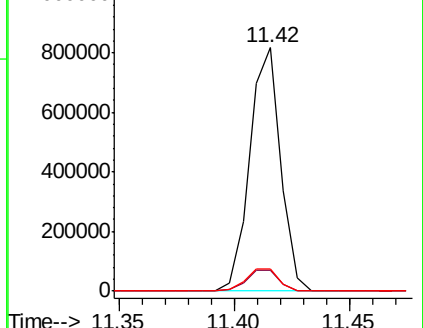
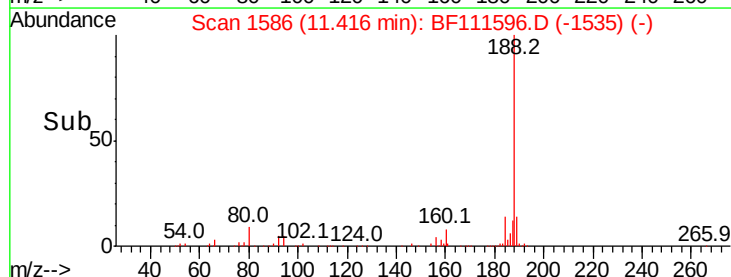
80 9.2 9.8 14.6#

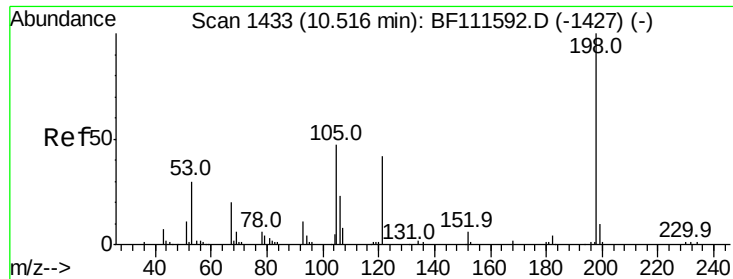


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.719 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

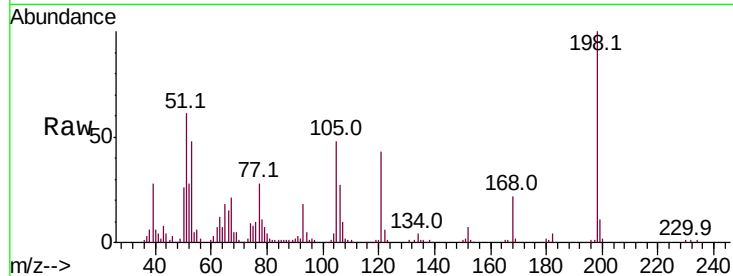
Tot Ion:198 Resp: 124683

Ion Ratio Lower Upper

198 100

51 60.7 48.0 88.0

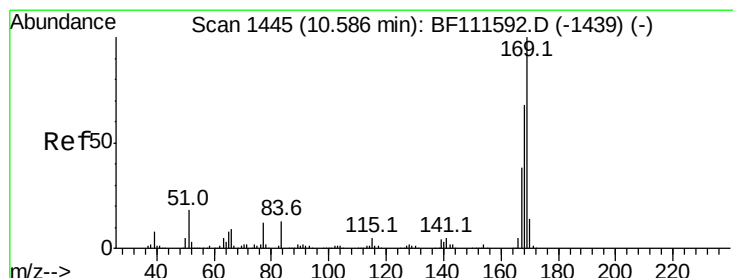
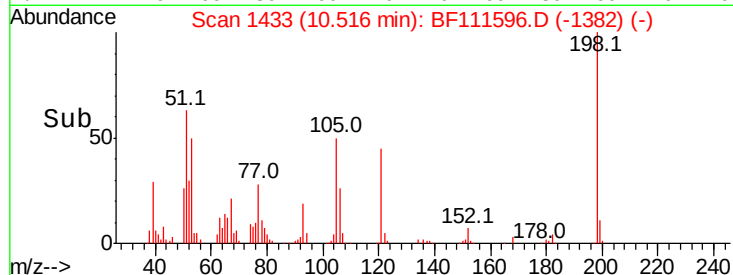
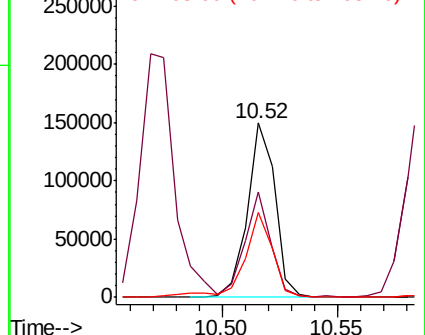
105 48.4 34.0 74.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.856 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

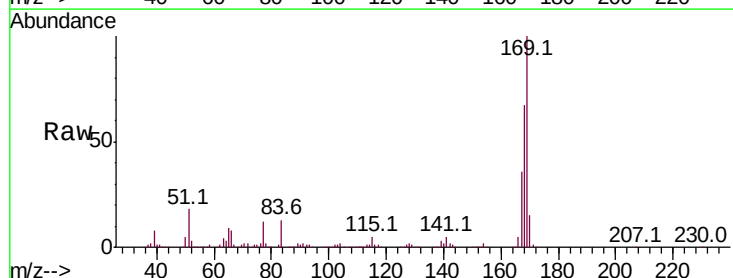
Tgt Ion:169 Resp: 995185

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

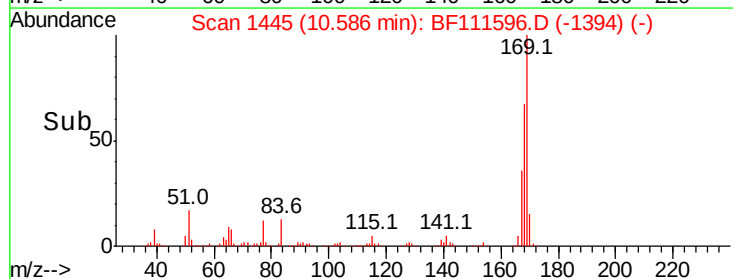
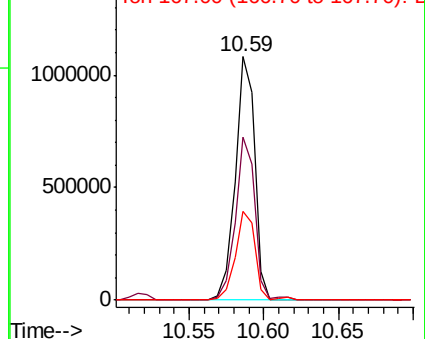
167 36.5 30.5 45.7

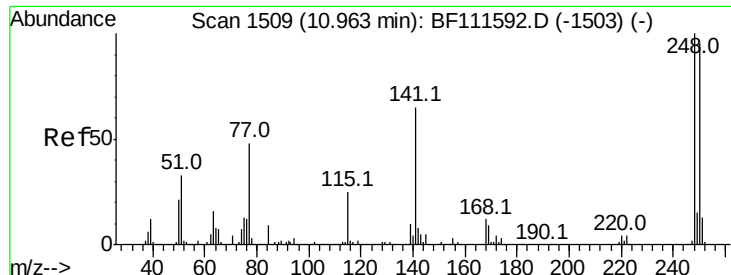


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

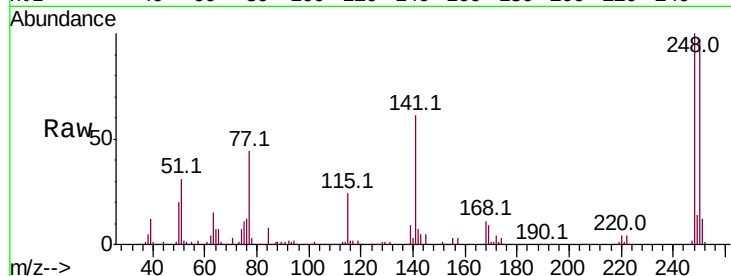




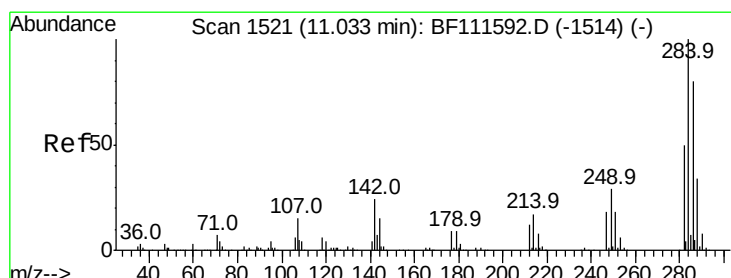
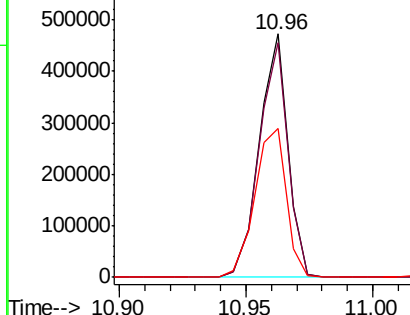
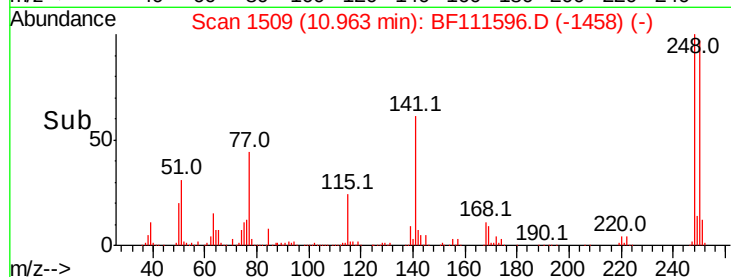
#67
 4-Bromophenyl-phenylether
 Concen: 39.465 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Tot Ion:248 Resp: 373473
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.0 115.4
 141 61.3 63.0 94.6#

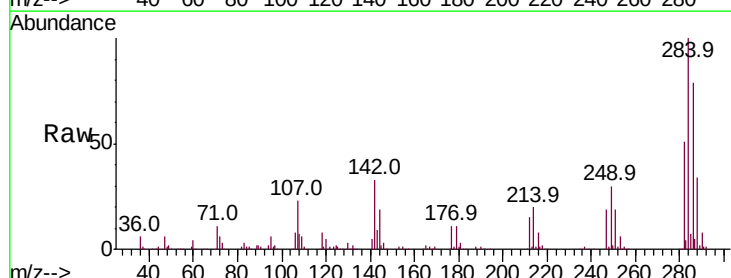


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

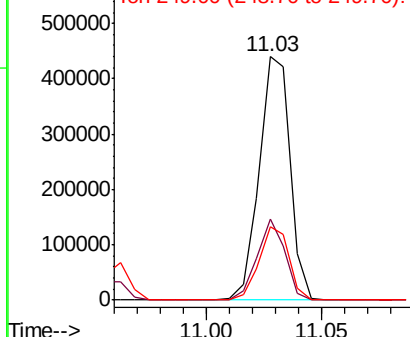
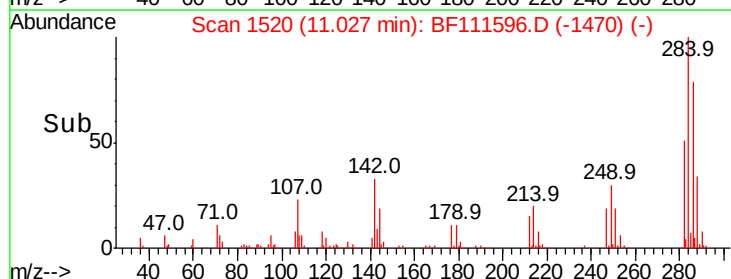


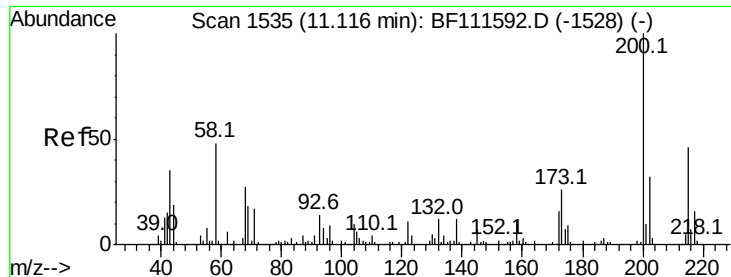
#68
 Hexachlorobenzene
 Concen: 38.984 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion:284 Resp: 411343
 Ion Ratio Lower Upper
 284 100
 142 33.2 27.4 41.2
 249 30.3 24.4 36.6



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

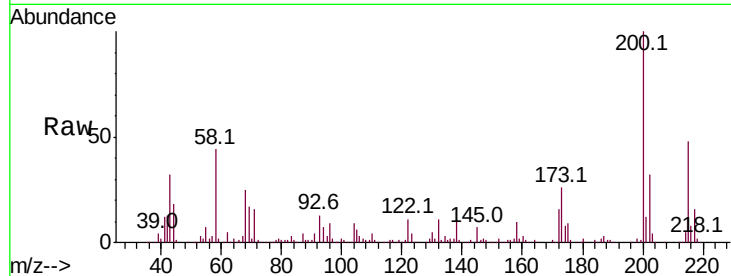




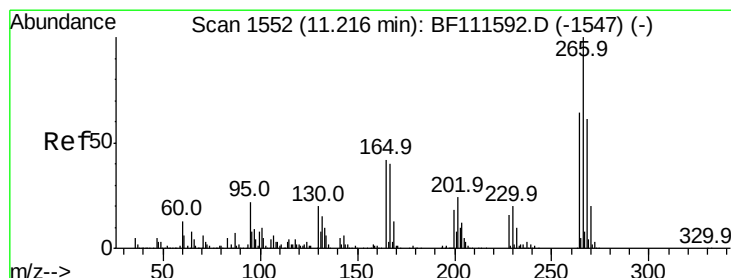
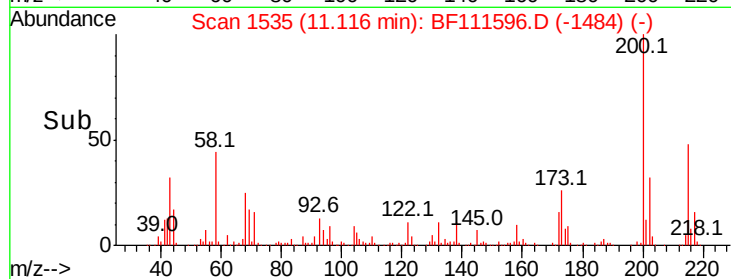
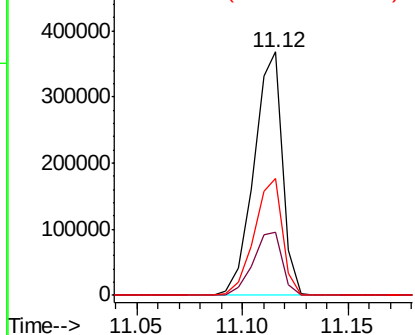
#69
Atrazine
Concen: 38.766 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	10.1	50.1
215	47.8	26.9	66.9

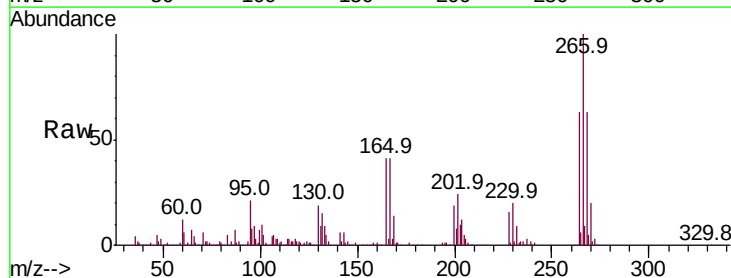


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

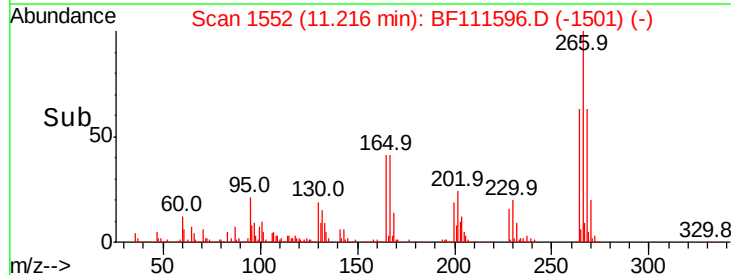
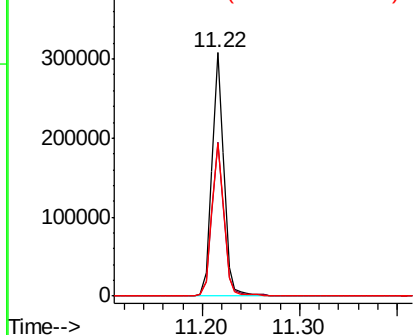


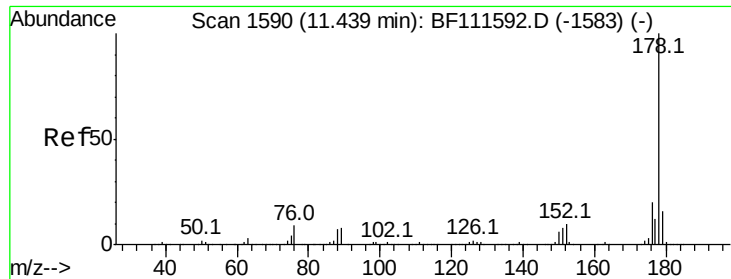
#70
Pentachlorophenol
Concen: 40.561 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	47.9	71.9
264	62.6	49.1	73.7



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

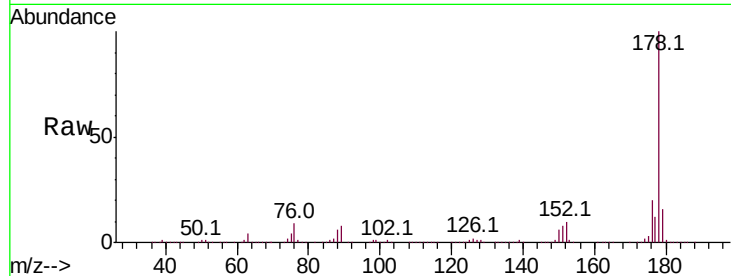




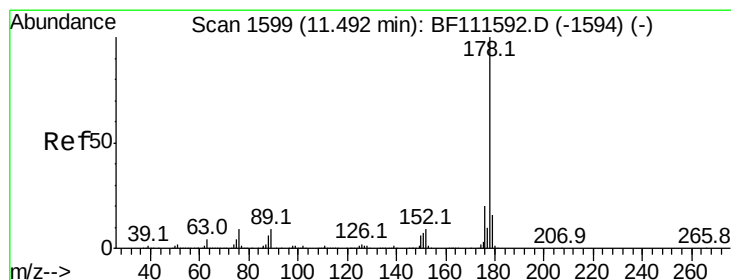
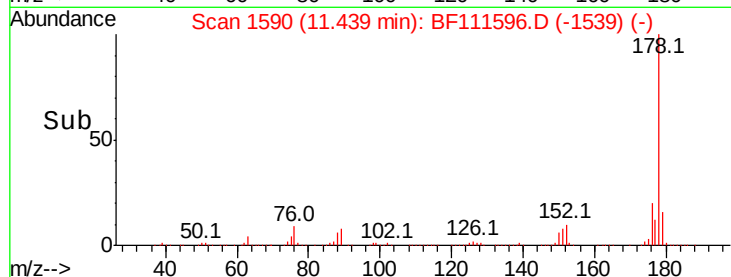
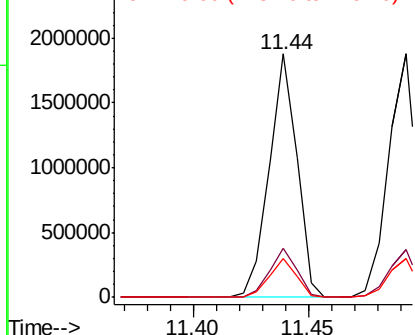
#71
Phenanthrene
Concen: 38.819 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion:178 Resp: 1570788
Ion Ratio Lower Upper
178 100
176 20.2 18.1 27.1
179 15.8 14.0 21.0

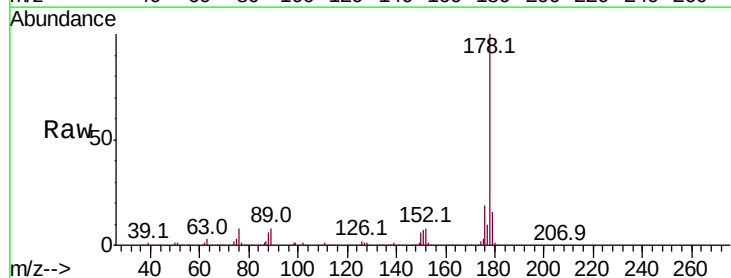


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

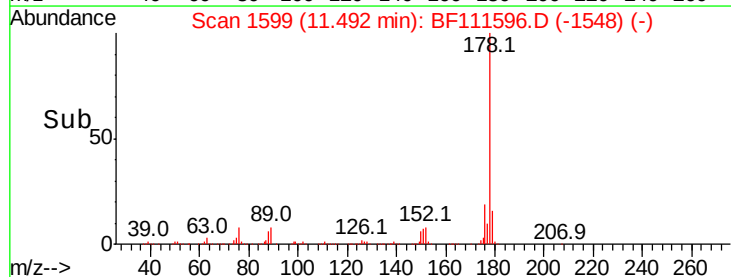
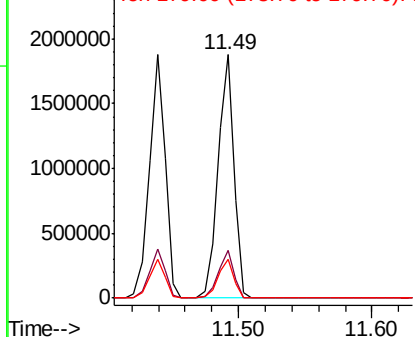


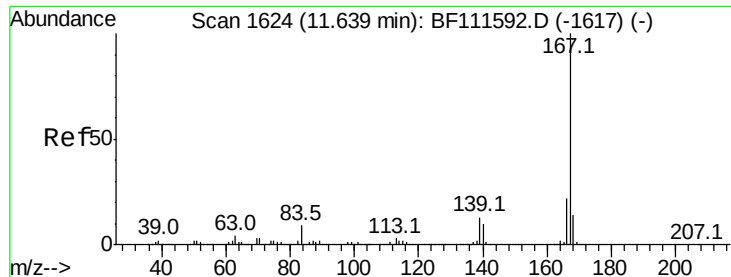
#72
Anthracene
Concen: 38.939 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion:178 Resp: 1581516
Ion Ratio Lower Upper
178 100
176 19.5 17.2 25.8
179 15.9 13.8 20.8



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

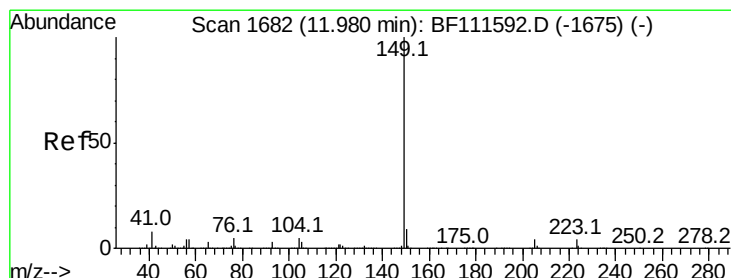
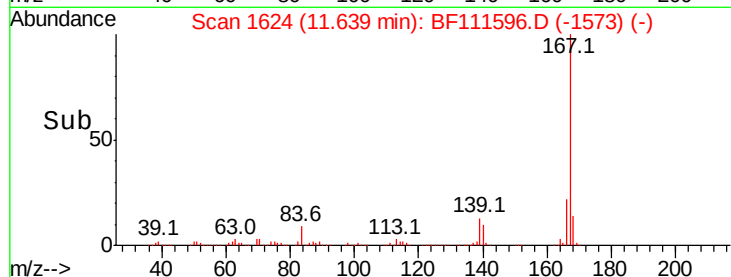
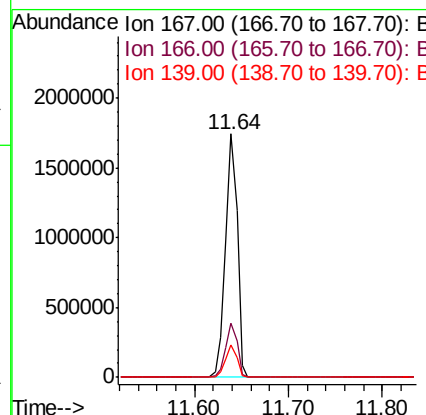
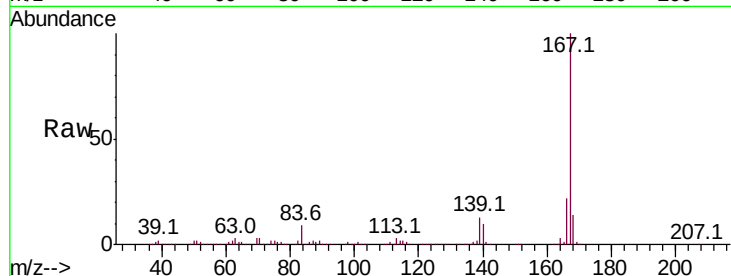




#73
 Carbazole
 Concen: 39.109 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

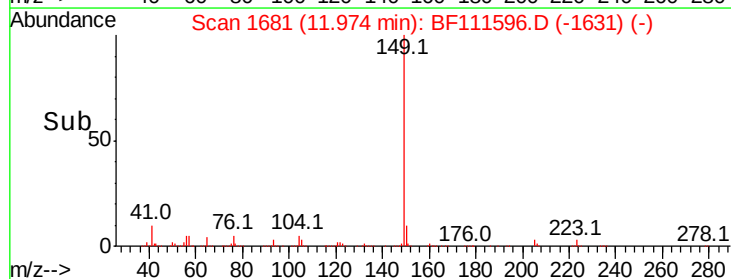
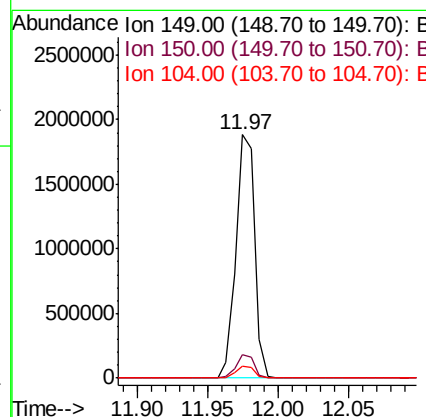
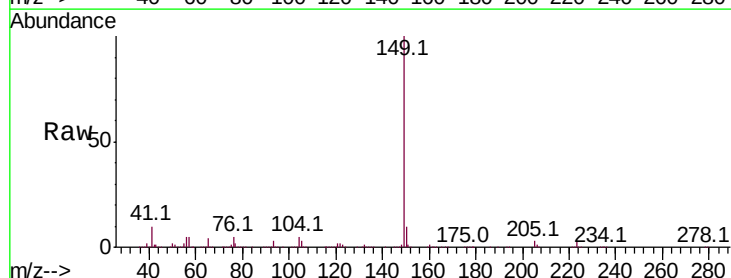
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

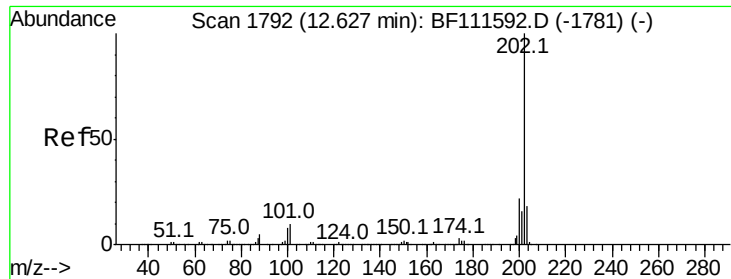
Tot Ion:167 Resp: 1542152
 Ion Ratio Lower Upper
 167 100
 166 22.1 19.3 28.9
 139 13.1 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 39.234 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion:149 Resp: 1734607
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.8 13.2
 104 5.1 4.5 6.7





#75

Fluoranthene

Concen: 38.894 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

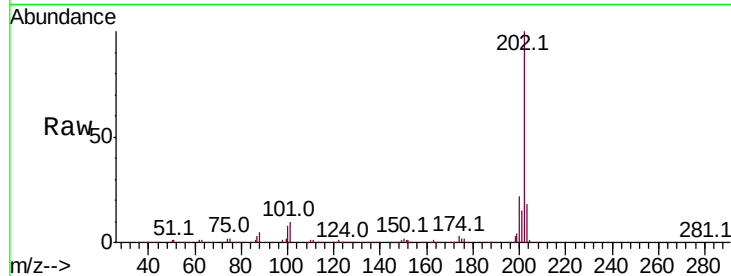
Tot Ion:202 Resp: 1593686

Ion Ratio Lower Upper

202 100

101 10.0 0.0 33.8

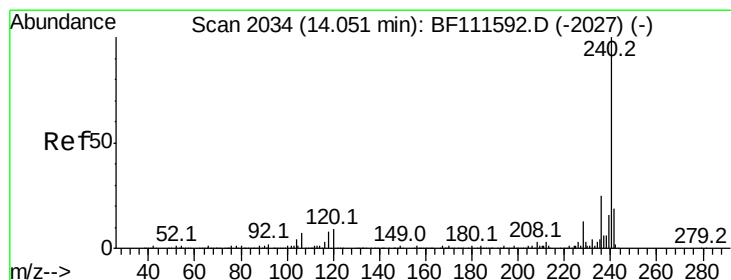
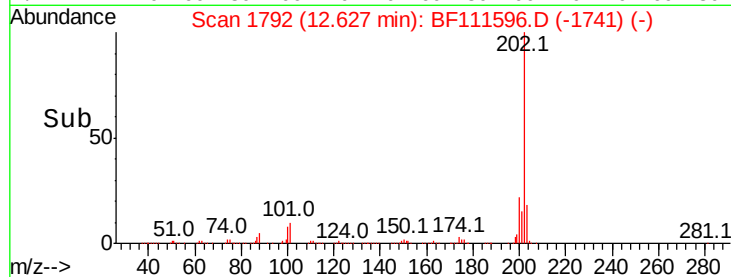
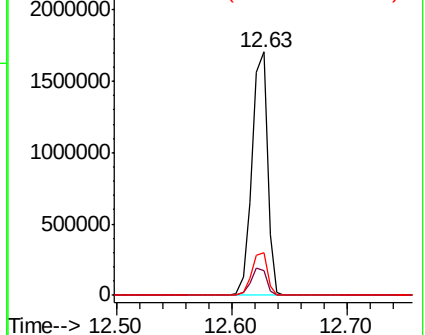
203 17.7 0.0 38.6



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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

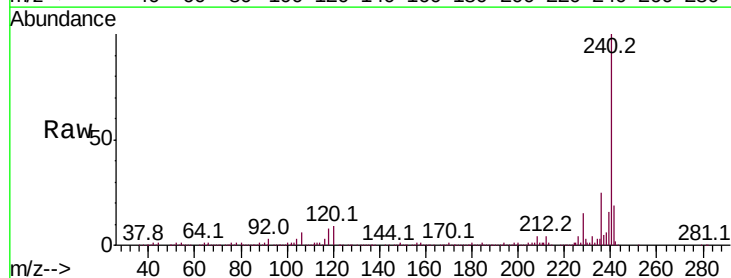
Tgt Ion:240 Resp: 574083

Ion Ratio Lower Upper

240 100

120 9.5 12.2 18.2#

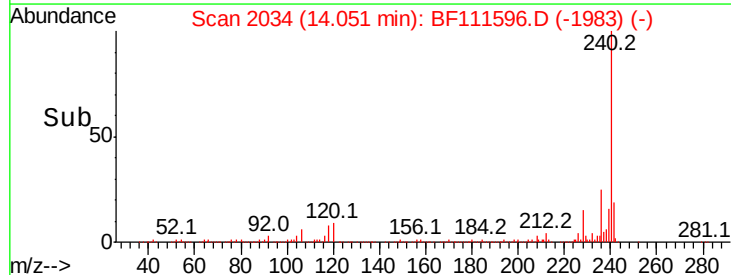
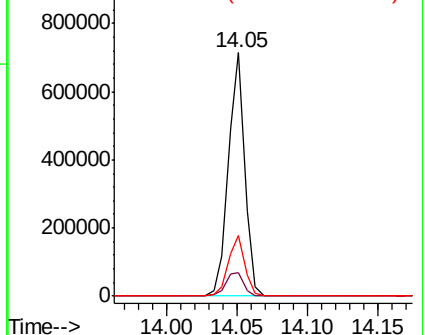
236 25.0 20.2 30.2

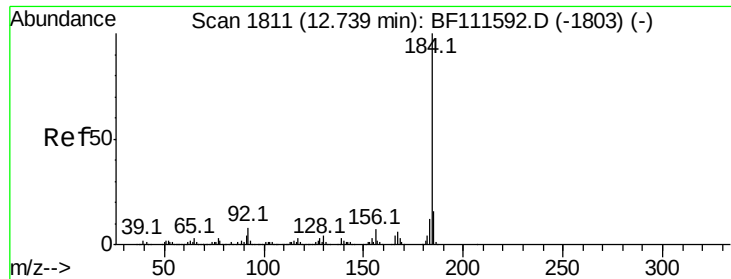


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

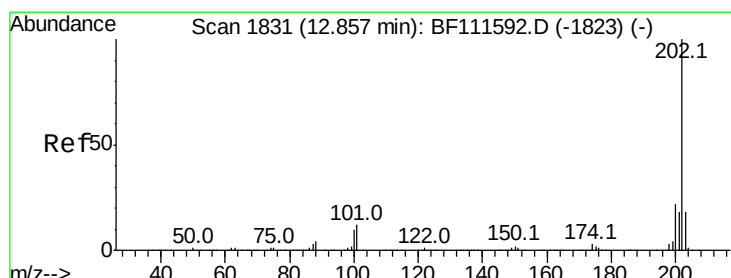
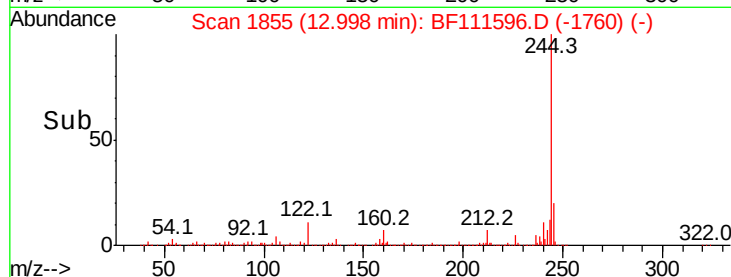
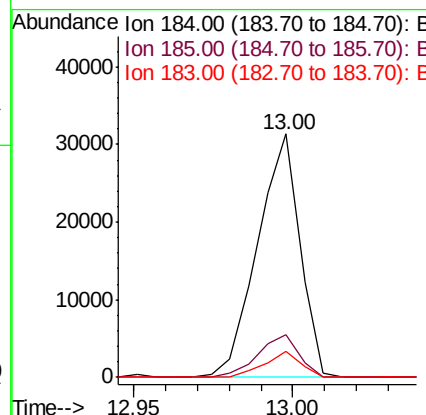
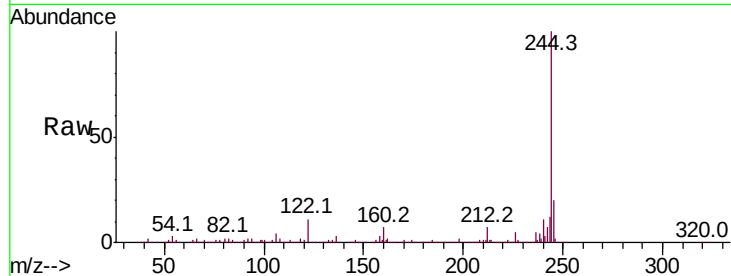




#77
Benzidine
Concen: 1.350 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.26 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

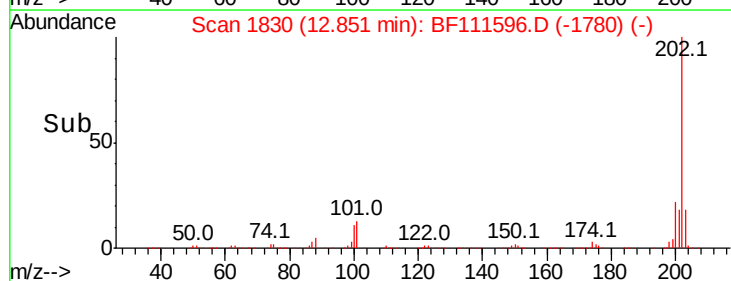
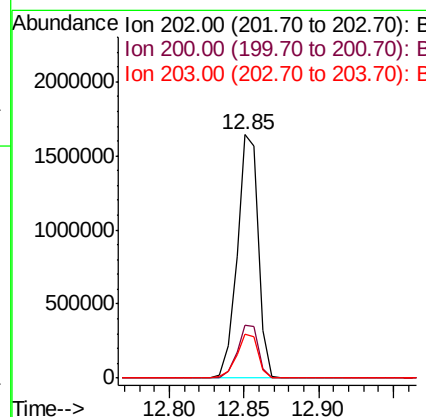
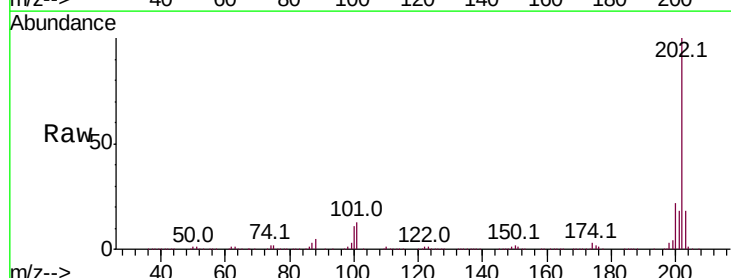
Instrument :
BNA_F
ClientSampleId :
ICVBF121918

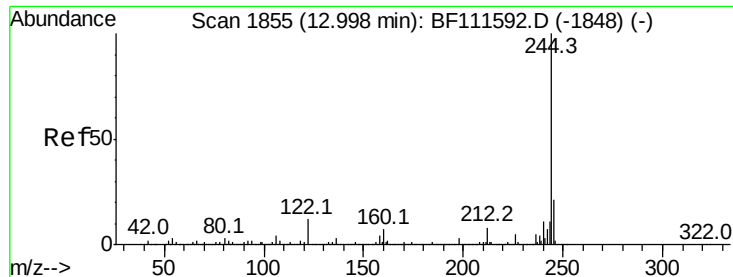
Tot Ion:184 Resp: 29168
Ion Ratio Lower Upper
184 100
185 17.3 13.0 19.6
183 10.9 9.3 13.9



#78
Pyrene
Concen: 40.192 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion:202 Resp: 1629391
Ion Ratio Lower Upper
202 100
200 21.9 19.0 28.4
203 17.9 15.2 22.8





#79

Terphenyl-d14

Concen: 78.414 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

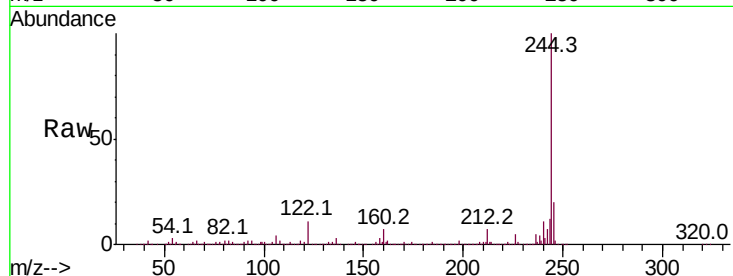
Tot Ion:244 Resp: 2373748

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

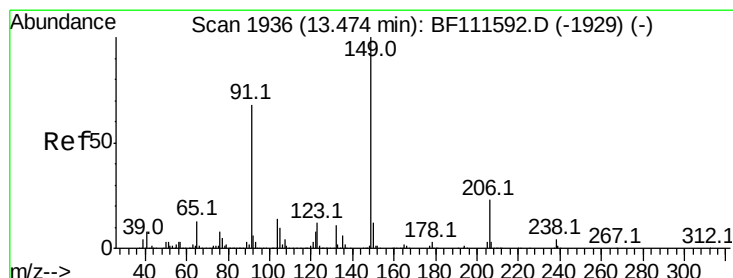
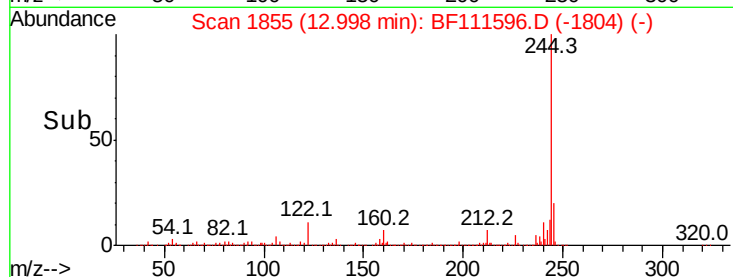
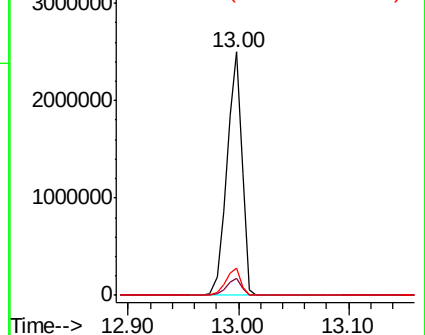
122 11.2 13.1 19.7#



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: 41.204 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

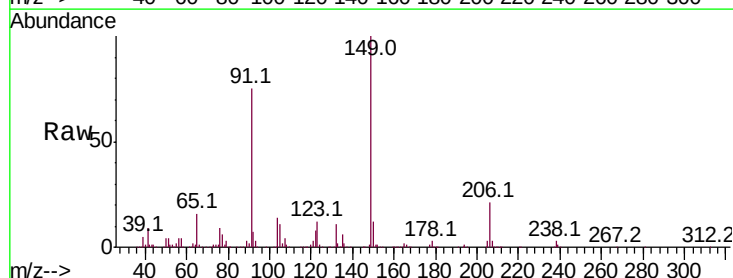
Tgt Ion:149 Resp: 680908

Ion Ratio Lower Upper

149 100

91 74.9 63.8 95.6

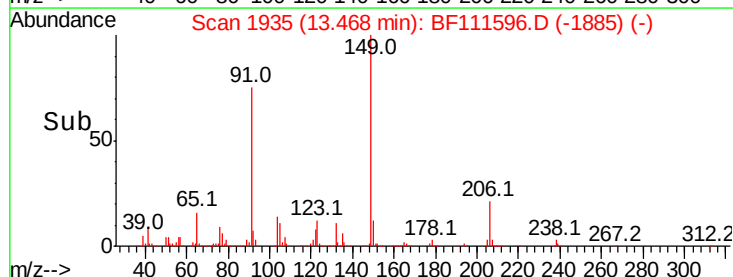
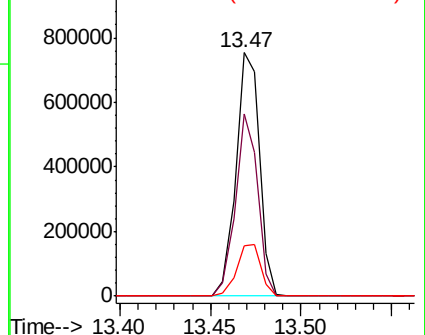
206 20.7 15.1 22.7

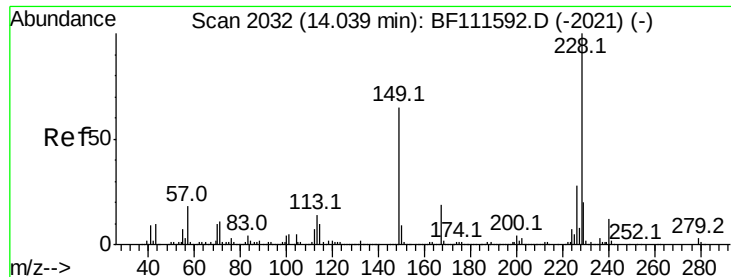


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.148 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

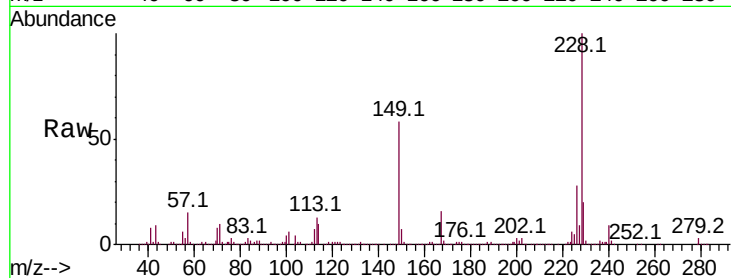
Tot Ion:228 Resp: 1282588

Ion Ratio Lower Upper

228 100

226 28.3 22.6 34.0

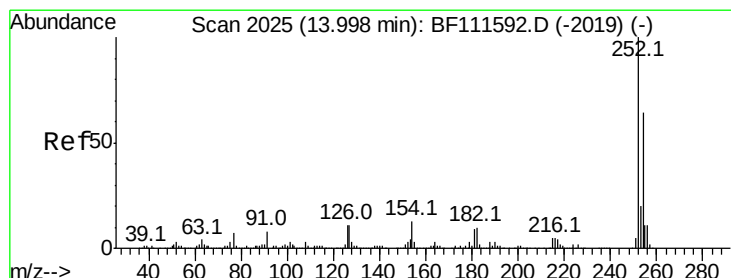
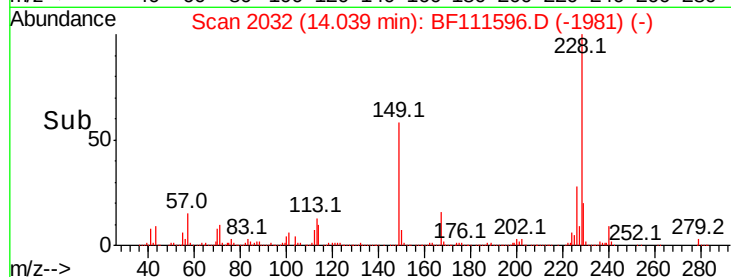
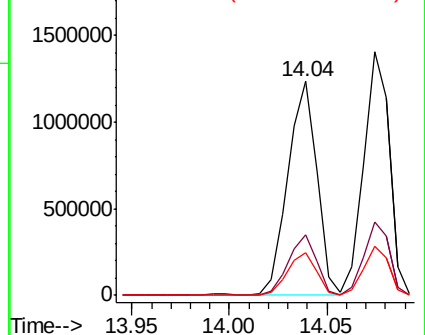
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.295 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

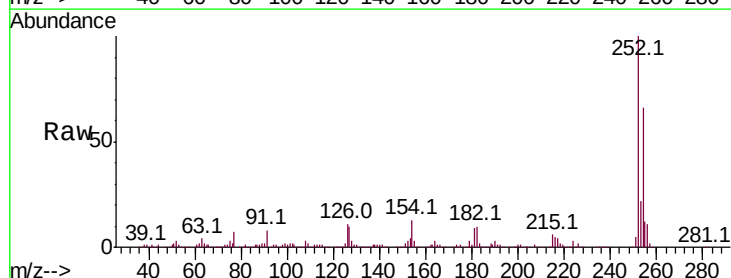
Tgt Ion:252 Resp: 495715

Ion Ratio Lower Upper

252 100

254 66.3 52.7 79.1

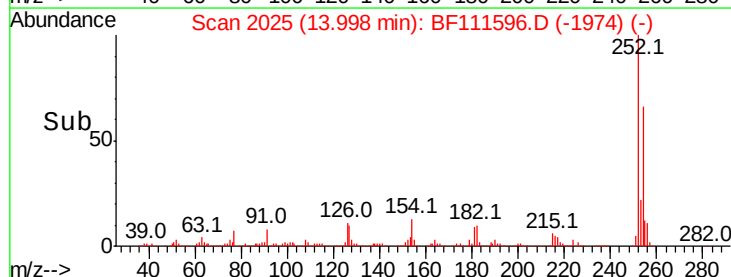
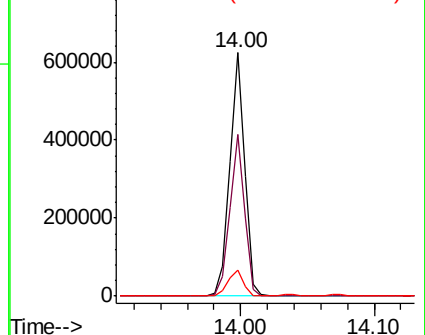
126 10.6 11.1 16.7#

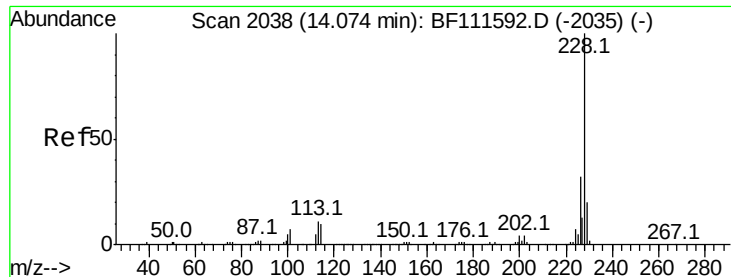


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.803 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

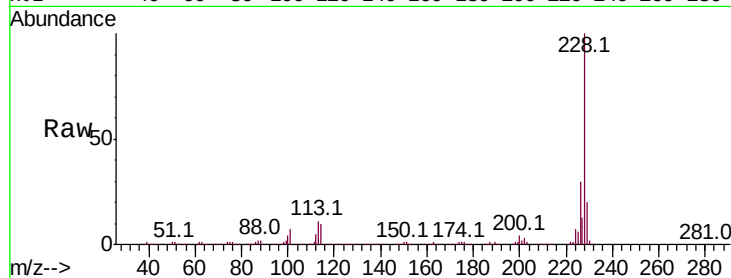
Tot Ion:228 Resp: 1281671

Ion Ratio Lower Upper

228 100

226 30.4 25.3 37.9

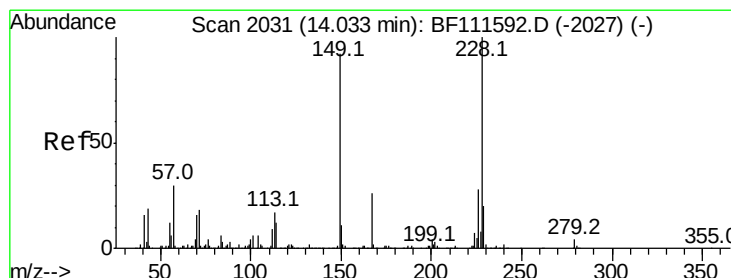
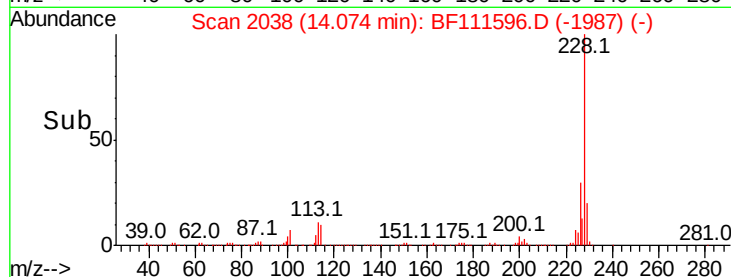
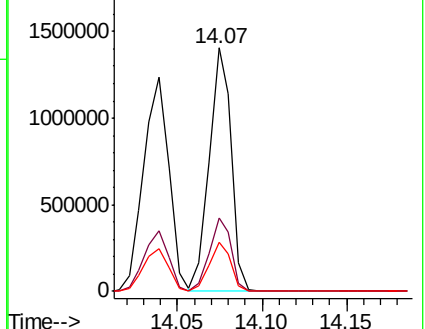
229 20.1 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.136 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

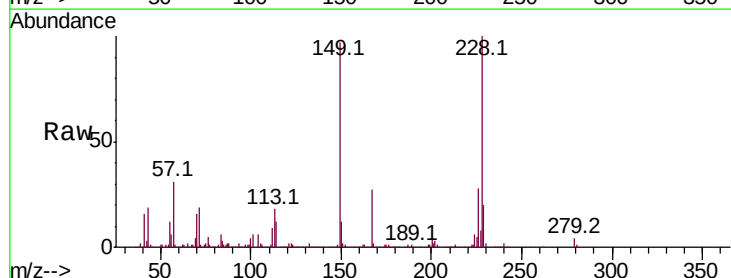
Tgt Ion:149 Resp: 835458

Ion Ratio Lower Upper

149 100

167 27.2 22.5 33.7

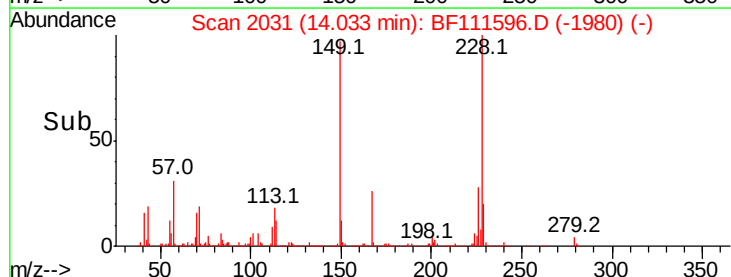
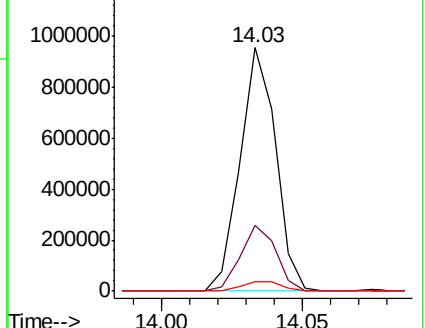
279 3.8 2.6 4.0

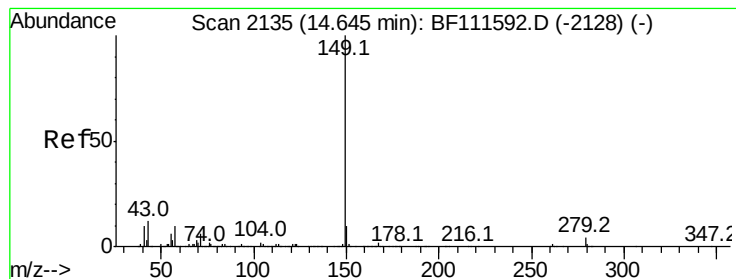


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.093 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

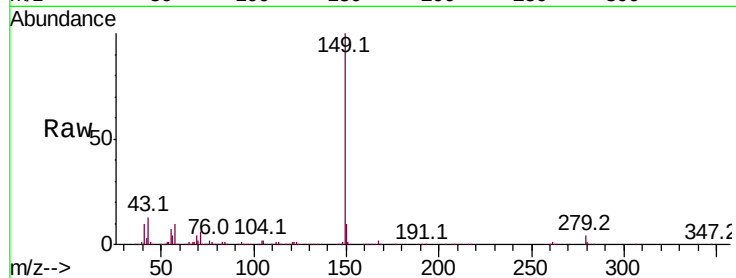
Tot Ion:149 Resp: 1260756

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

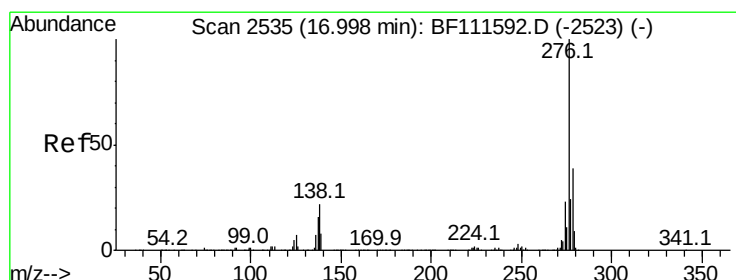
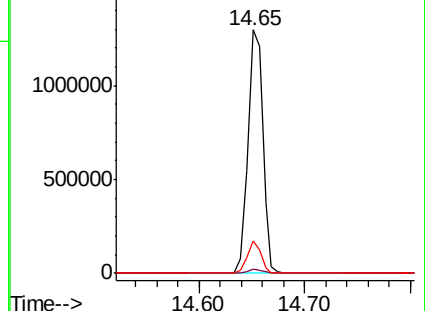
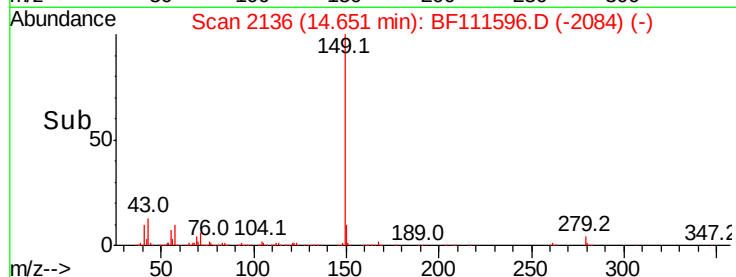
43 11.9 10.9 16.3



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: 39.217 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

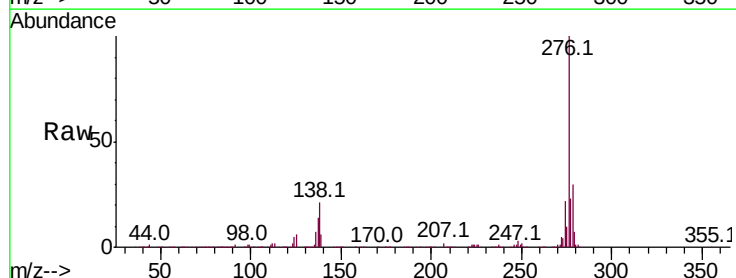
Tgt Ion:276 Resp: 1073512

Ion Ratio Lower Upper

276 100

138 24.3 27.8 41.6#

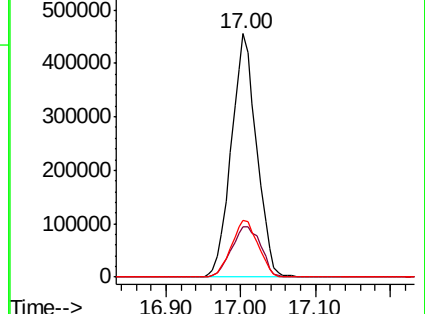
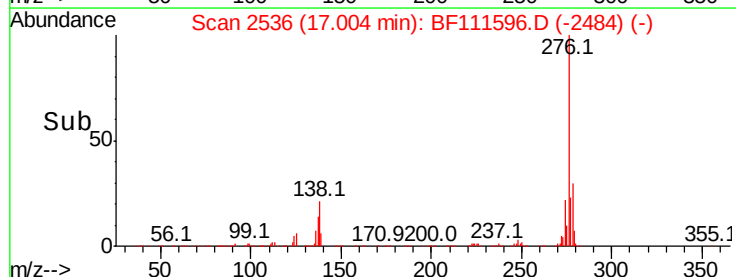
277 24.8 20.1 30.1

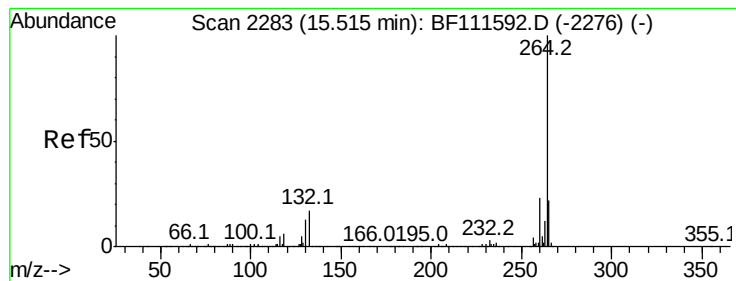


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

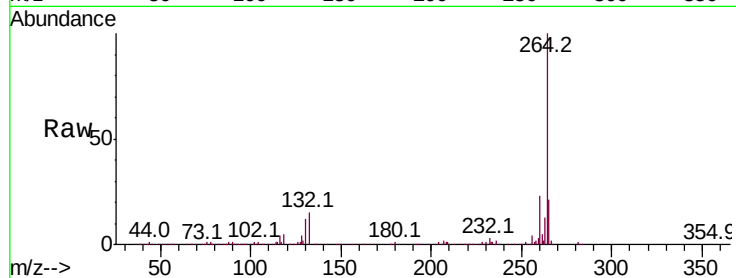
Tot Ion:264 Resp: 466549

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

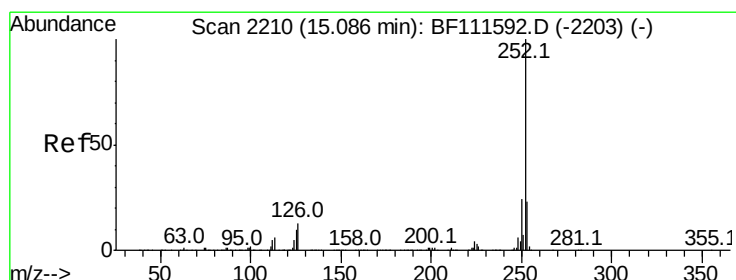
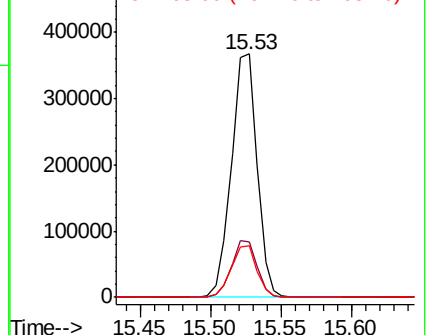
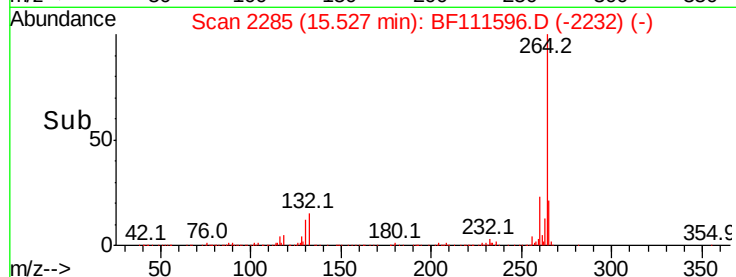
265 21.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.439 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

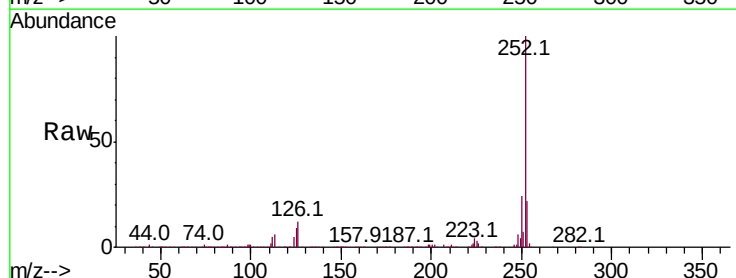
Tgt Ion:252 Resp: 1075390

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

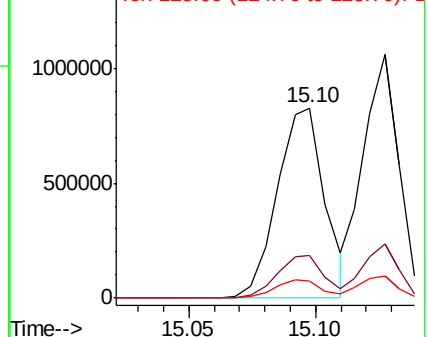
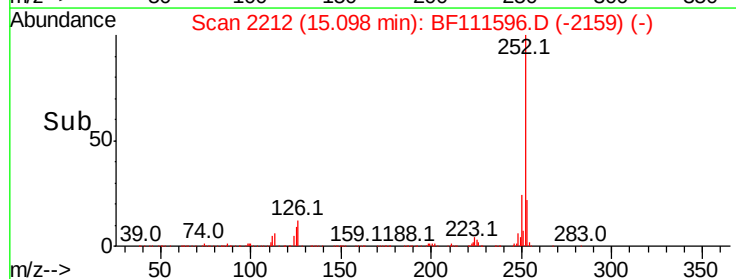
125 9.2 10.4 15.6#

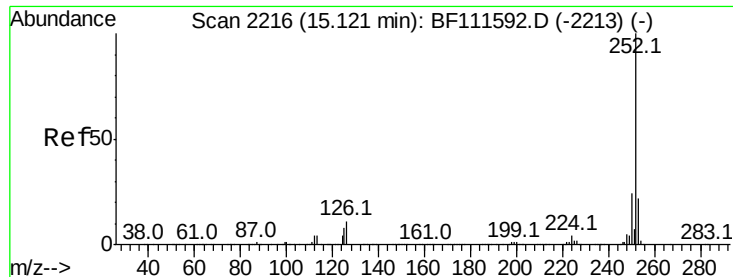


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

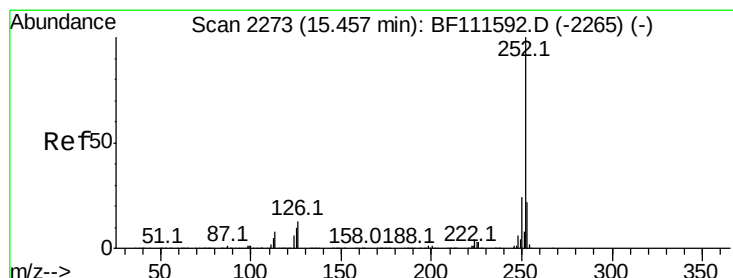
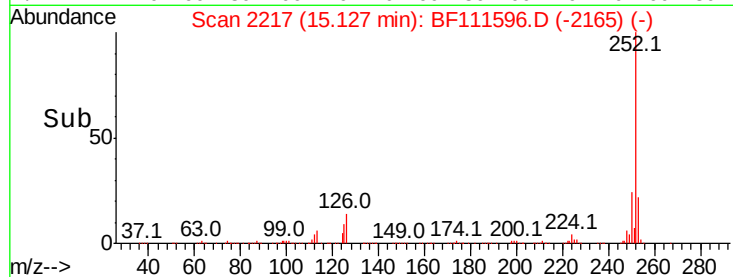
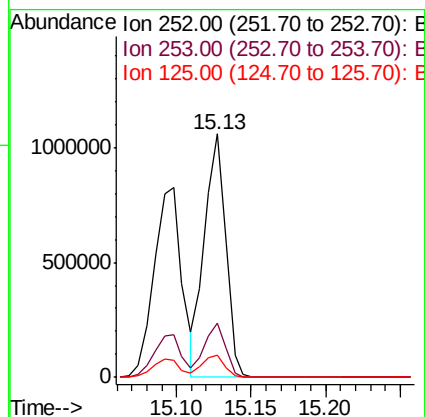
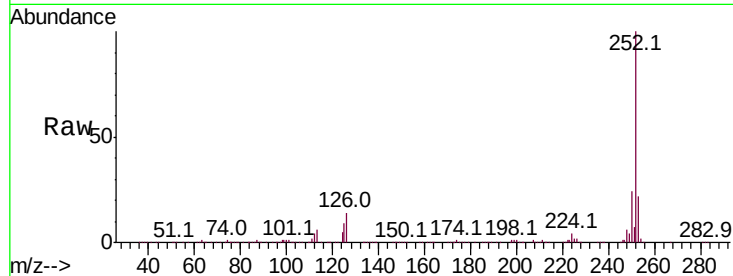




#89
Benzo(k)fluoranthene
Concen: 40.118 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

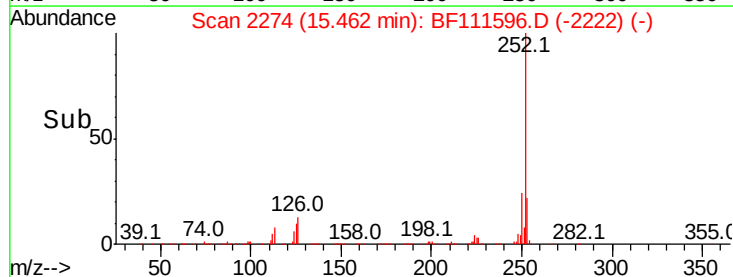
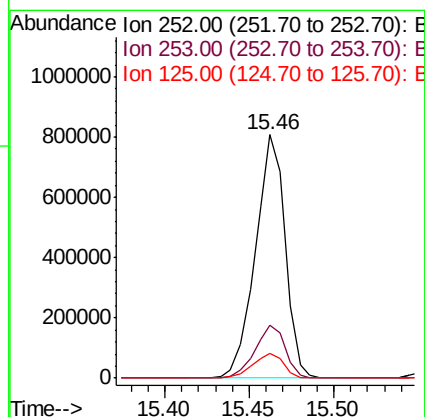
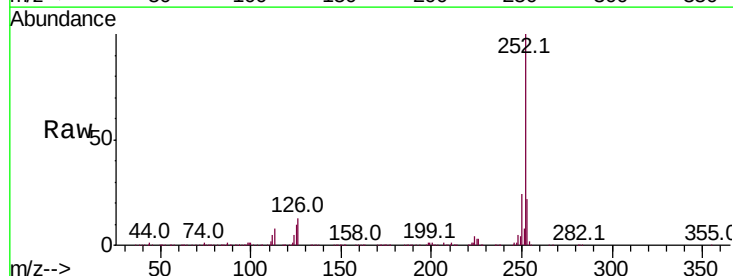
Instrument :
BNA_F
ClientSampleId :
ICVBF121918

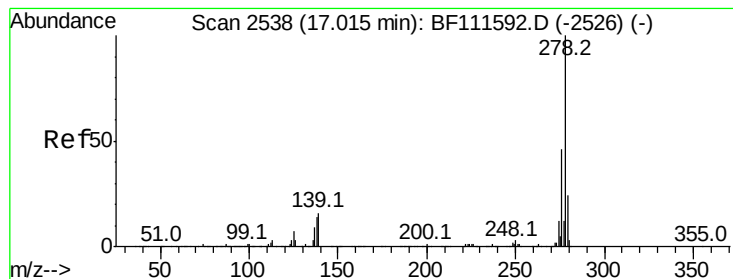
Tot Ion:252 Resp: 1041426
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 9.3 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 39.908 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion:252 Resp: 988615
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.1 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 41.584 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

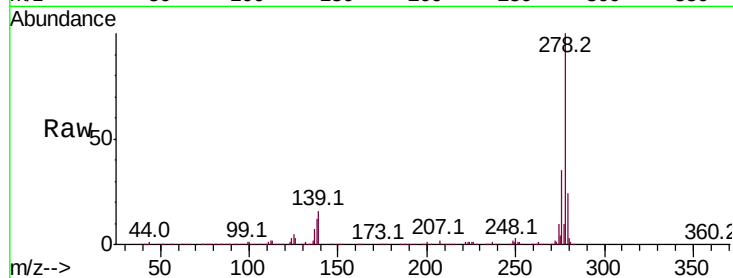
Tot Ion:278 Resp: 902053

Ion Ratio Lower Upper

278 100

139 15.5 18.2 27.4#

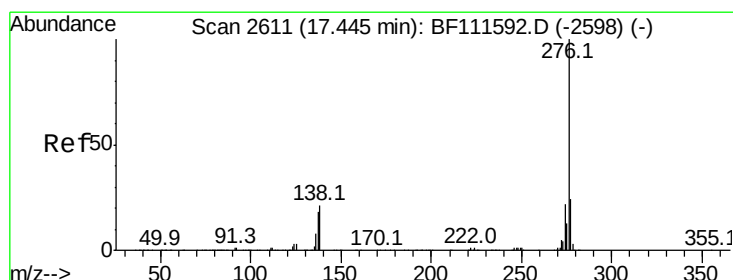
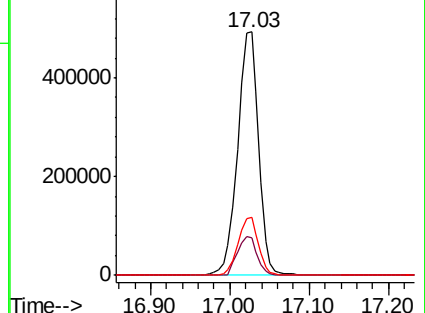
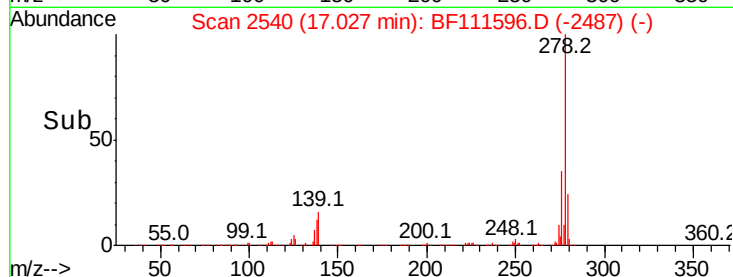
279 23.6 19.0 28.6



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: 41.774 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

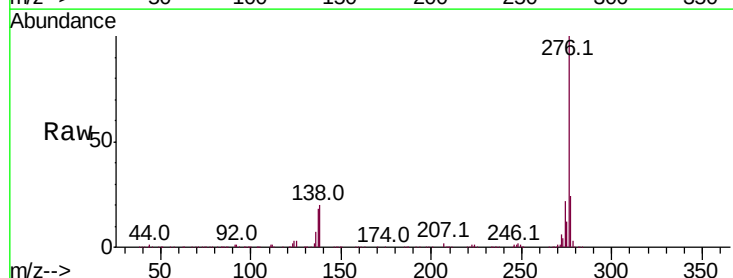
Tgt Ion:276 Resp: 884861

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 20.0 24.9 37.3#



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

