

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111590.D
 Acq On : 19 Dec 2018 14:38
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 16:19:55 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 16:16:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	220323	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	824964	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	418274	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	793066	20.00	ng	0.00
76) Chrysene-d12	14.04	240	713927	20.00	ng	0.00
87) Perylene-d12	15.52	264	606443	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	278954	21.07	ng	-0.01
7) Phenol-d6	6.51	99	358972	20.38	ng	-0.01
23) Nitrobenzene-d5	7.45	82	276431	19.95	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	101459	27.08	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	642697	23.73	ng	0.00
79) Terphenyl-d14	12.99	244	775884	25.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	64612	10.104	ng	93
3) Pyridine	3.47	79	164026	10.213	ng	97
4) n-Nitrosodimethylamine	3.39	42	74810	10.255	ng	# 87
6) Aniline	6.55	93	220520	10.094	ng	98
8) 2-Chlorophenol	6.67	128	154981	9.797	ng	98
9) Benzaldehyde	6.44	77	126355	11.828	ng	95
10) Phenol	6.52	94	183159	9.336	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	147081	9.563	ng	98
12) 1,3-Dichlorobenzene	6.83	146	177482	10.192	ng	97
13) 1,4-Dichlorobenzene	6.91	146	182500	10.325	ng	96
14) 1,2-Dichlorobenzene	7.07	146	170462	10.251	ng	96
15) Benzyl Alcohol	7.02	79	134325	10.024	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	274399	9.138	ng	99
17) 2-Methylphenol	7.13	107	120688	9.479	ng	96
18) Hexachloroethane	7.42	117	58618	8.911	ng	# 82
19) n-Nitroso-di-n-propylamine	7.30	70	113558	9.773	ng	96
20) 3+4-Methylphenols	7.29	107	159492	9.987	ng	# 78
22) Acetophenone	7.30	105	223283	12.124	ng	# 85
24) Nitrobenzene	7.47	77	143058	10.123	ng	97
25) Isophorone	7.71	82	255387	10.895	ng	99
26) 2-Nitrophenol	7.79	139	52072	7.105	ng	93
27) 2,4-Dimethylphenol	7.82	122	125090	11.773	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	173481	10.721	ng	98
29) 2,4-Dichlorophenol	8.02	162	132918	11.719	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	147519	12.424	ng	98
31) Naphthalene	8.20	128	421564	10.925	ng	95
32) Benzoic acid	7.88	122	56127	6.113	ng	87
33) 4-Chloroaniline	8.24	127	179595	10.467	ng	97
34) Hexachlorobutadiene	8.32	225	90810	13.882	ng	98
35) Caprolactam	8.57	113	41681	9.898	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	128630	10.303	ng	98
37) 2-Methylnaphthalene	8.89	142	272036	10.419	ng	99
38) 1-Methylnaphthalene	8.99	142	259686	10.295	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	146594	12.780	ng	# 97

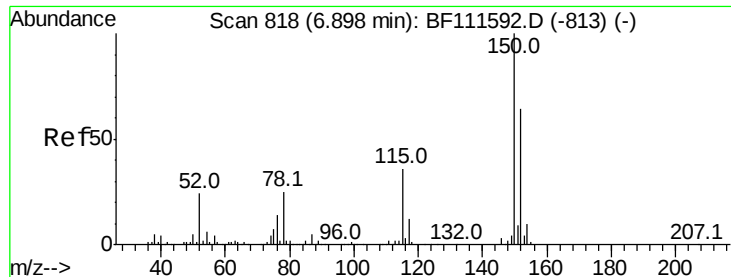
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111590.D
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 QLast Update : Wed Dec 19 16:16:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	67816	11.515	nq	97
43) 2,4,6-Trichlorophenol	9.16	196	93439	11.509	nq	100
44) 2,4,5-Trichlorophenol	9.19	196	96772	11.202	nq	95
46) 1,1'-Biphenyl	9.35	154	380995	10.750	nq	94
47) 2-Chloronaphthalene	9.37	162	296893	11.021	nq	93
48) 2-Nitroaniline	9.46	65	61143	6.990	nq	99
49) Acenaphthylene	9.79	152	432733	10.822	nq	95
50) Dimethylphthalate	9.65	163	318173	10.562	nq	98
51) 2,6-Dinitrotoluene	9.70	165	51147	7.543	nq	98
52) Acenaphthene	9.96	154	265730	10.514	nq	98
53) 3-Nitroaniline	9.87	138	59908	7.274	nq #	92
54) 2,4-Dinitrophenol	9.97	184	10927	4.236	nq #	1
55) Dibenzofuran	10.13	168	408608	11.138	nq	93
56) 4-Nitrophenol	10.01	139	45144	7.921	nq	87
57) 2,4-Dinitrotoluene	10.10	165	55643	6.252	nq #	85
58) Fluorene	10.47	166	299825	11.268	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	80286	11.894	nq #	89
60) Diethylphthalate	10.35	149	308902	10.124	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	159864	12.279	nq	93
62) 4-Nitroaniline	10.47	138	56869	6.975	nq	91
63) Azobenzene	10.63	77	314067	10.440	nq	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	18791	4.197	nq	93
66) n-Nitrosodiphenylamine	10.58	169	280870	10.270	nq	97
67) 4-Bromophenyl-phenylether	10.96	248	100934	11.808	nq	96
68) Hexachlorobenzene	11.03	284	111941	12.731	nq #	91
69) Atrazine	11.10	200	96695	12.234	nq	99
70) Pentachlorophenol	11.22	266	63841	11.838	nq	97
71) Phenanthrene	11.43	178	451470	11.048	nq	94
72) Anthracene	11.49	178	453964	10.862	nq	95
73) Carbazole	11.63	167	443279	10.257	nq	95
74) Di-n-butylphthalate	11.97	149	487758	10.134	nq	95
75) Fluoranthene	12.62	202	466256	11.663	nq	95
77) Benzidine	12.74	184	283780	10.813	nq	97
78) Pyrene	12.85	202	478379	9.504	nq	96
80) Butylbenzylphthalate	13.47	149	190898	7.781	nq	92
81) Benzo(a)anthracene	14.03	228	429942	11.076	nq	97
82) 3,3'-Dichlorobenzidine	13.99	252	173183	10.974	nq #	97
83) Chrysene	14.07	228	413632	10.115	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	260415	8.310	nq	97
85) Di-n-octyl phthalate	14.64	149	406530	7.691	nq	96
86) Indeno(1,2,3-cd)pyrene	16.99	276	290732	9.851	nq #	89
88) Benzo(b)fluoranthene	15.08	252	365158	10.328	nq #	97
89) Benzo(k)fluoranthene	15.08	252	365158	10.809	nq	98
90) Benzo(a)pyrene	15.45	252	324865	10.189	nq #	94
91) Dibenzo(a,h)anthracene	17.00	278	245463	9.760	nq #	93
92) Benzo(g,h,i)perylene	17.43	276	229704	9.305	nq #	89

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

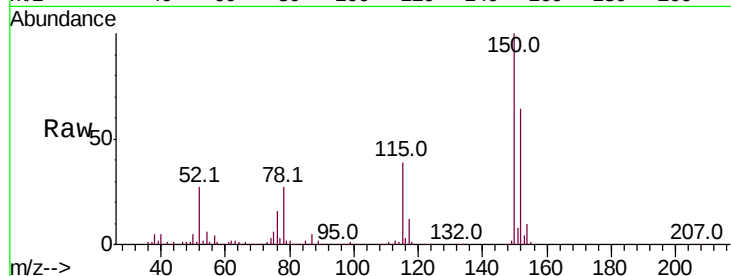


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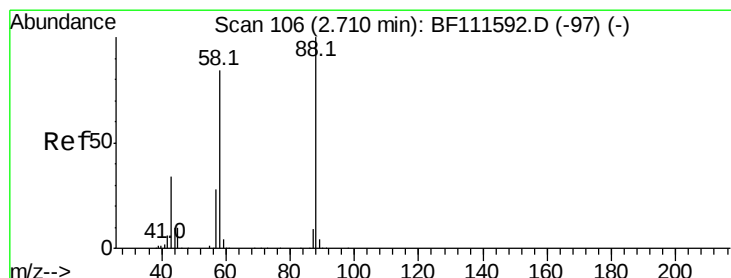
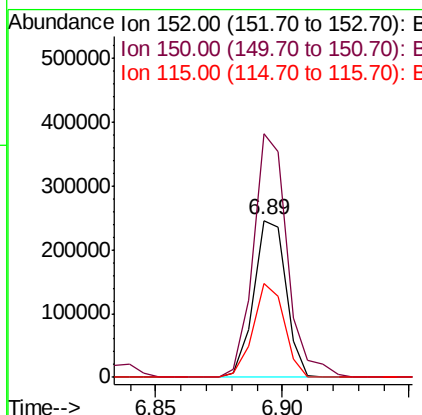
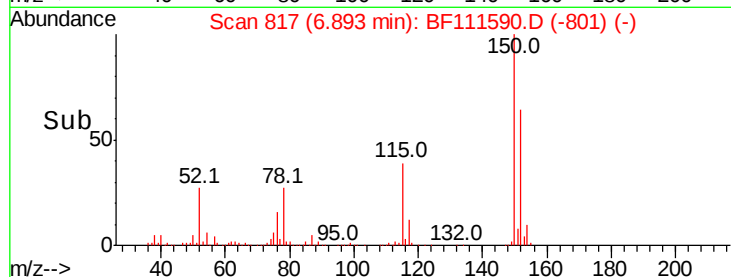
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 220323
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.6 189.8
 115 59.9 50.7 76.1



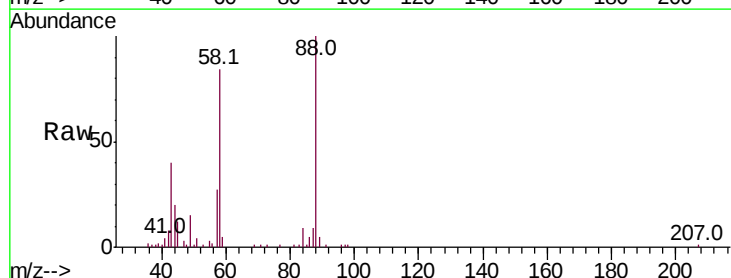
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



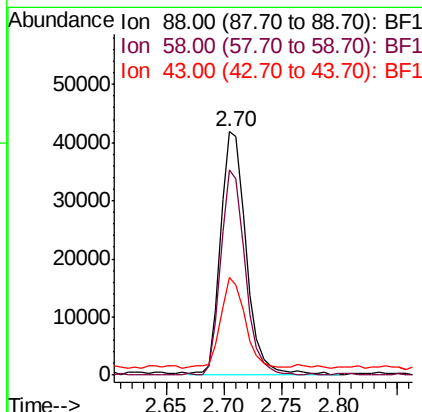
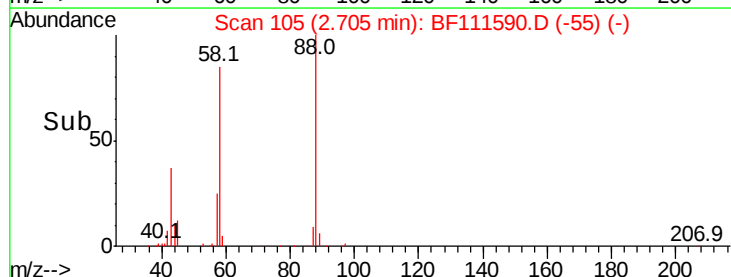
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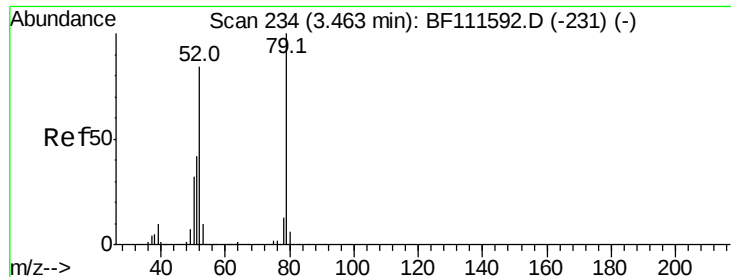
1,4-Dioxane
 Concen: 10.104 ng
 RT: 2.70 min Scan# 105
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Tgt Ion: 88 Resp: 64612
 Ion Ratio Lower Upper
 88 100
 58 79.9 68.9 103.3
 43 35.6 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

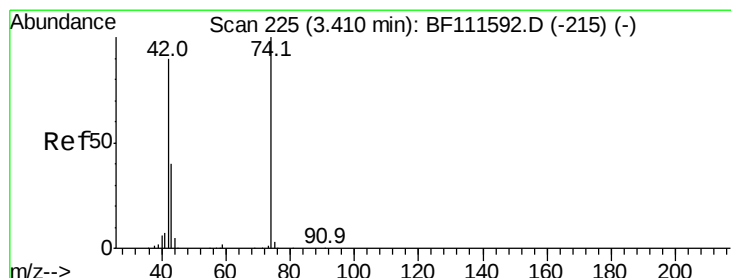
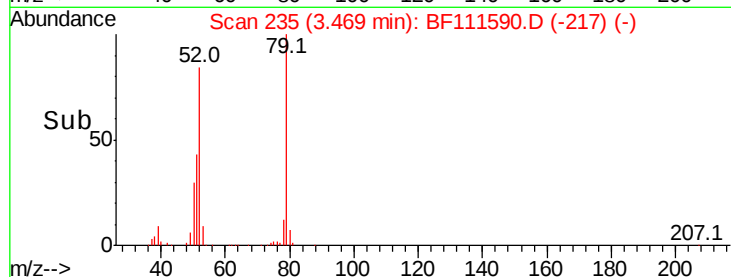
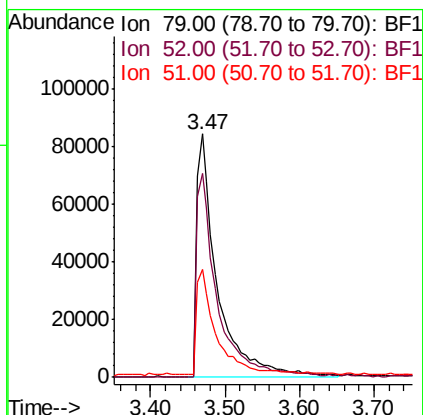
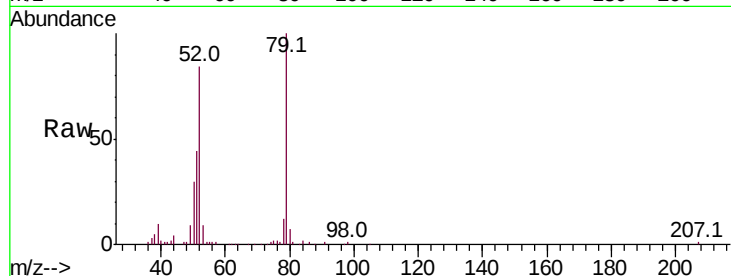




#3
 Pvridine
 Concen: 10.213 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

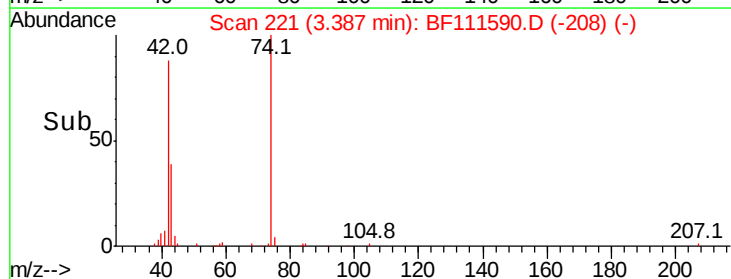
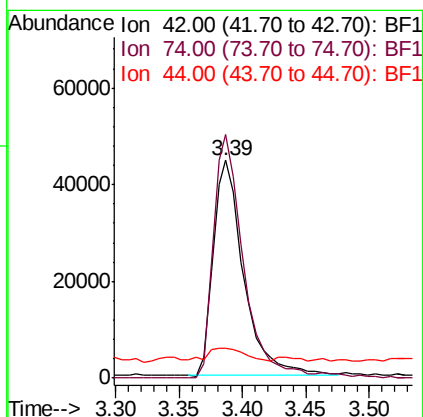
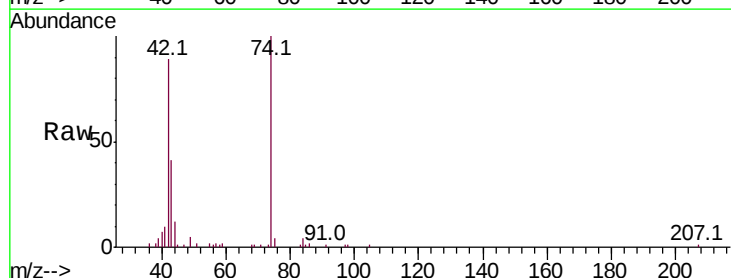
Instrument :
 BNA_F
 ClientSampleId :

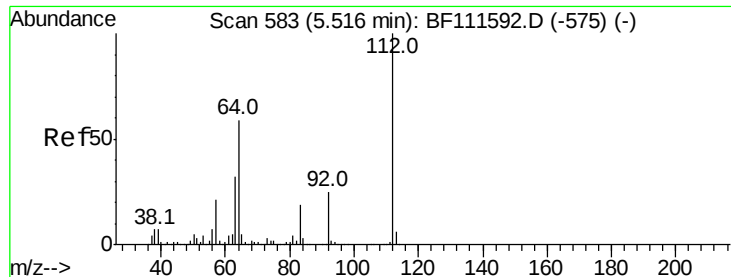
Tot Ion: 79 Resp: 164026
 Ion Ratio Lower Upper
 79 100
 52 83.7 68.3 102.5
 51 44.2 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 10.255 ng
 RT: 3.39 min Scan# 221
 Delta R.T. -0.02 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Tgt Ion: 42 Resp: 74810
 Ion Ratio Lower Upper
 42 100
 74 112.0 101.5 152.3
 44 13.9 6.0 9.0#





#5

2-Fluorophenol

Concen: 21.069 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

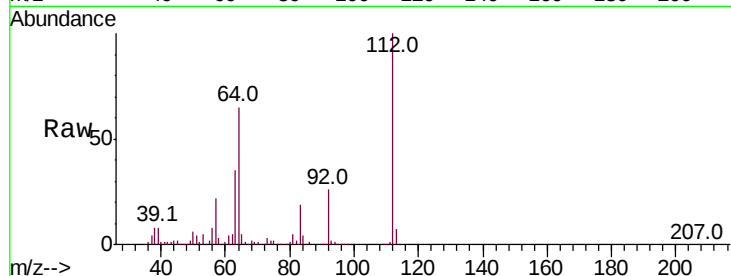
Tot Ion:112 Resp: 278954

Ion Ratio Lower Upper

112 100

64 65.0 51.8 77.6

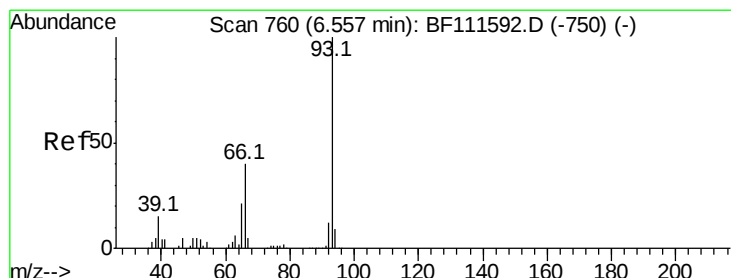
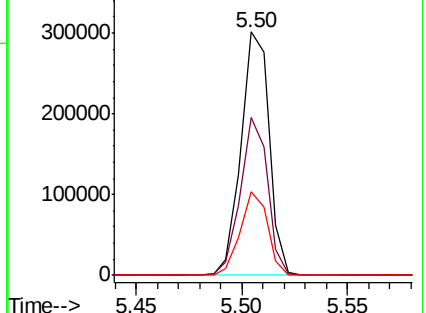
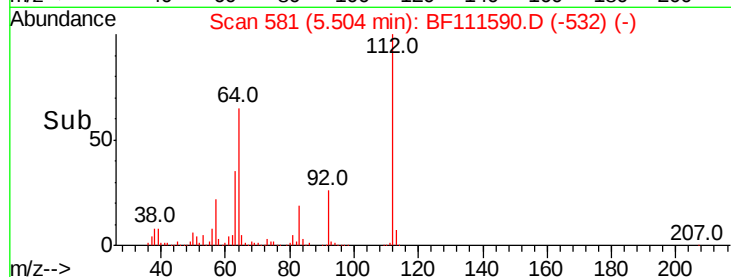
63 34.6 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.094 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

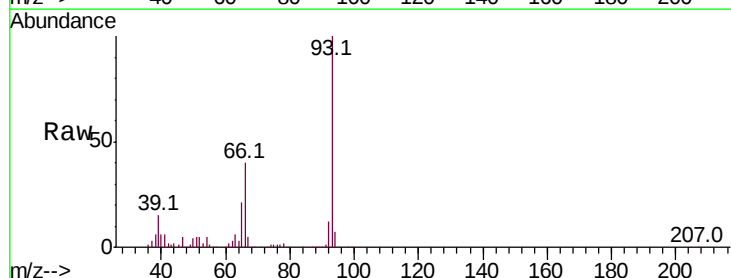
Tgt Ion: 93 Resp: 220520

Ion Ratio Lower Upper

93 100

66 39.8 33.2 49.8

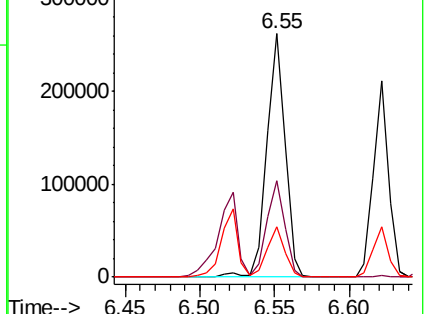
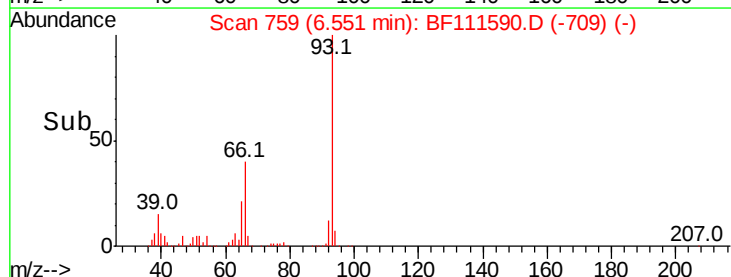
65 20.7 17.0 25.4

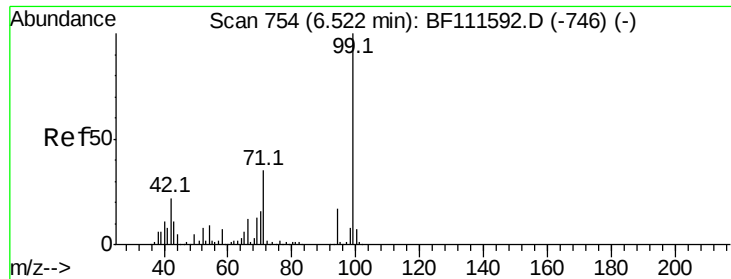


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 20.383 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

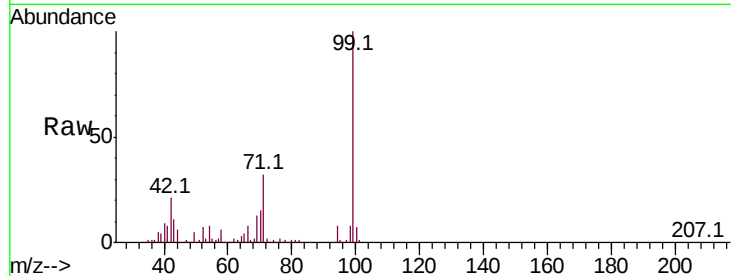
Tot Ion: 99 Resp: 358972

Ion Ratio Lower Upper

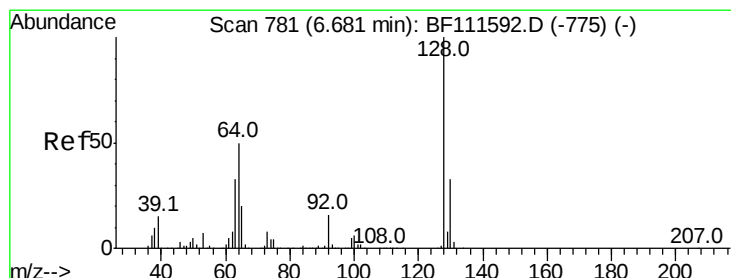
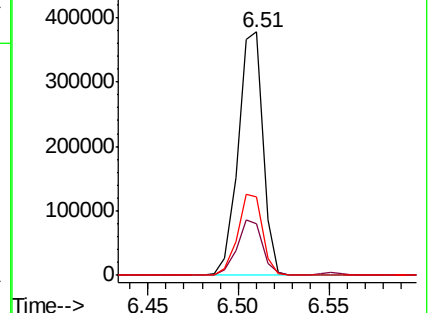
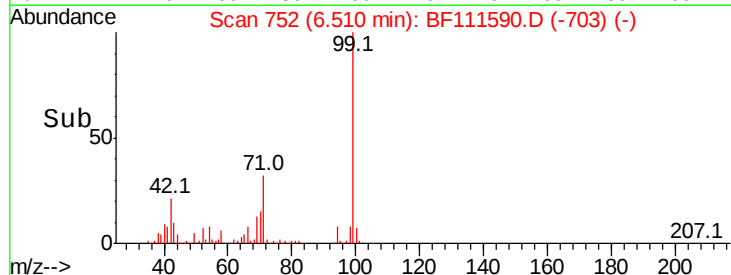
99 100

42 21.3 17.4 26.0

71 32.2 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 9.797 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

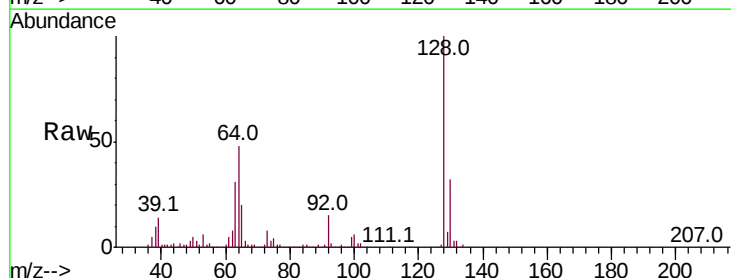
Tgt Ion:128 Resp: 154981

Ion Ratio Lower Upper

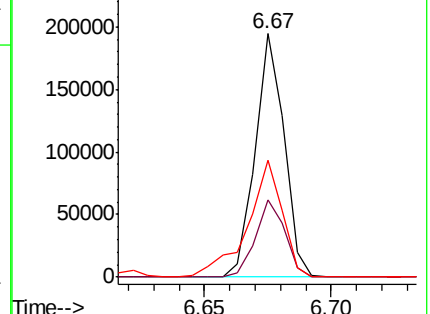
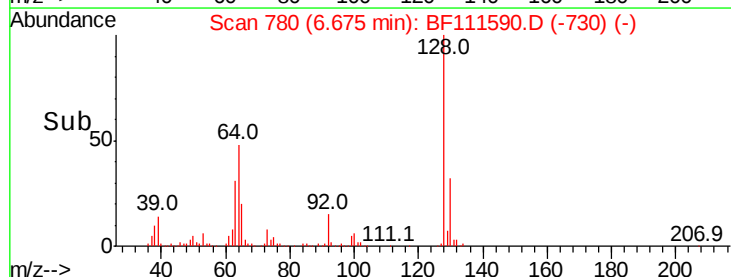
128 100

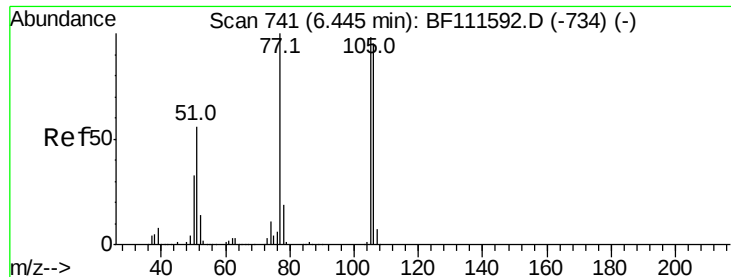
130 31.6 12.7 52.7

64 48.2 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.828 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

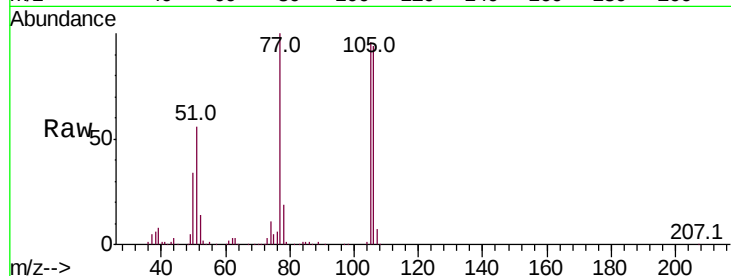
Tot Ion: 77 Resp: 126355

Ion Ratio Lower Upper

77 100

105 96.1 81.4 121.4

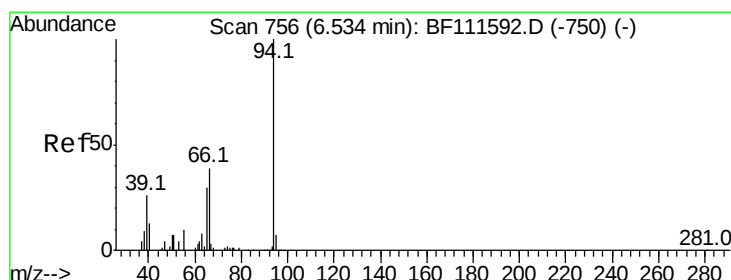
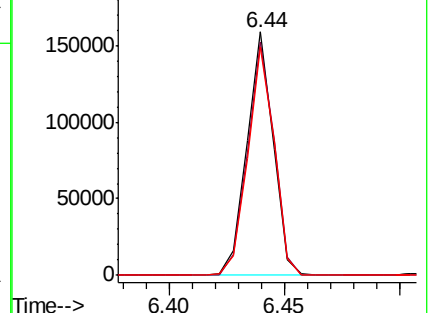
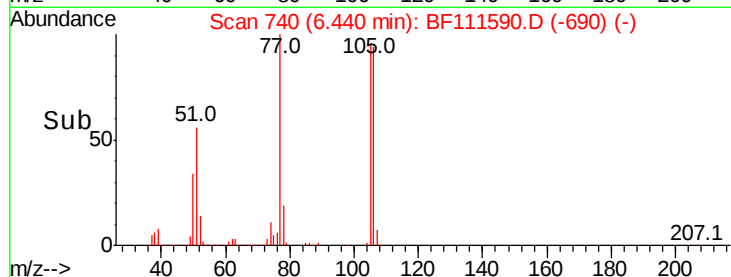
106 93.6 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 9.336 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

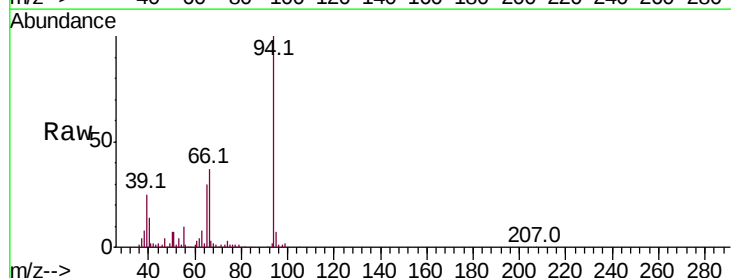
Tgt Ion: 94 Resp: 183159

Ion Ratio Lower Upper

94 100

65 29.7 11.7 51.7

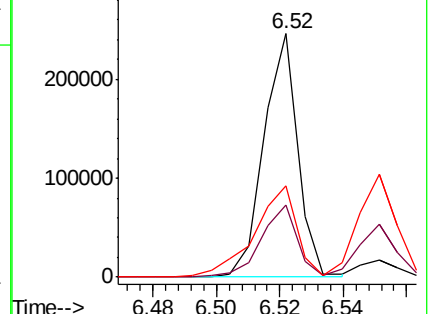
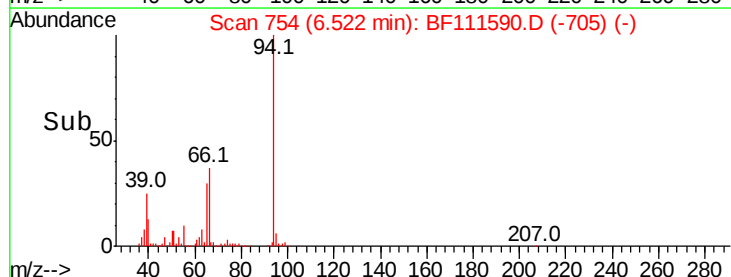
66 37.3 21.0 61.0

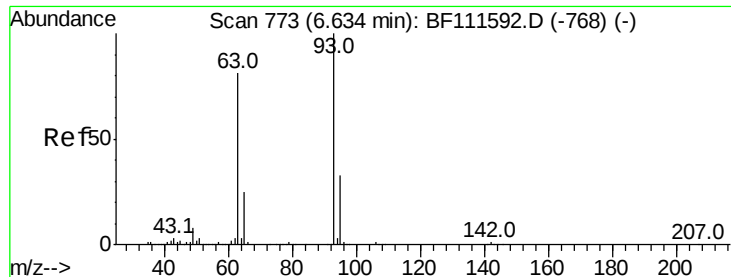


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

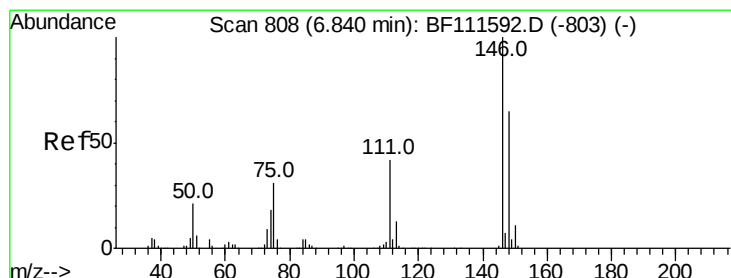
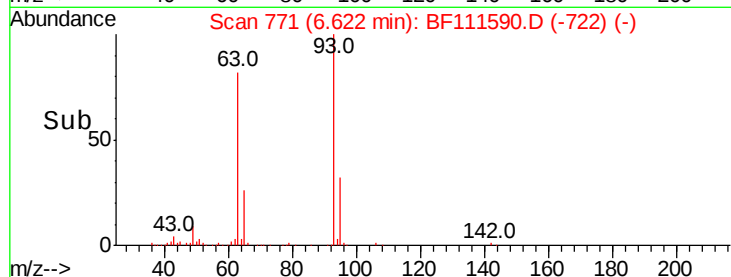
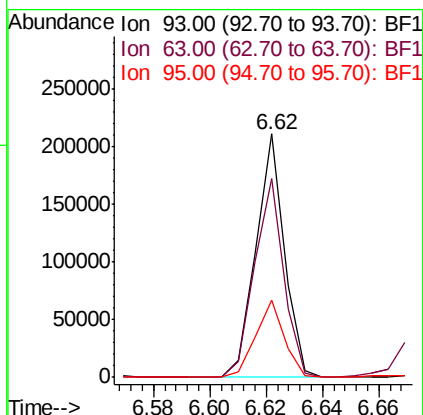
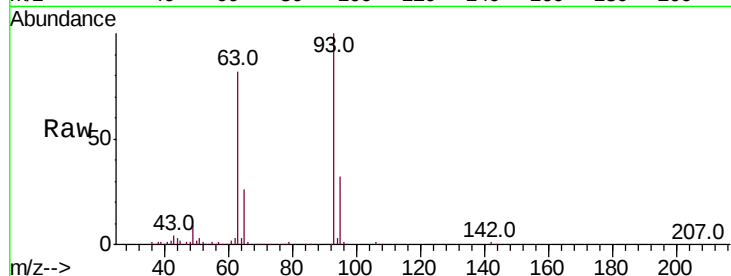




#11
bis(2-Chloroethyl)ether
Concen: 9.563 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

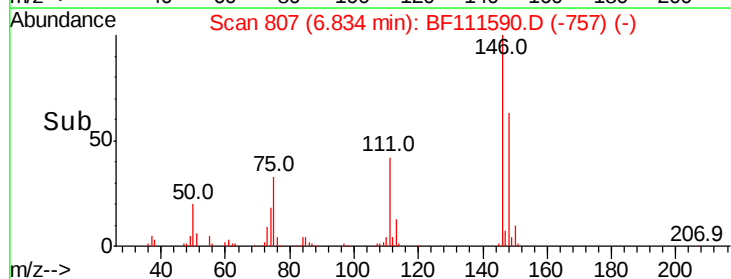
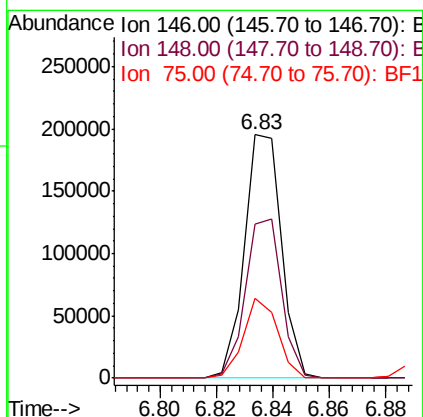
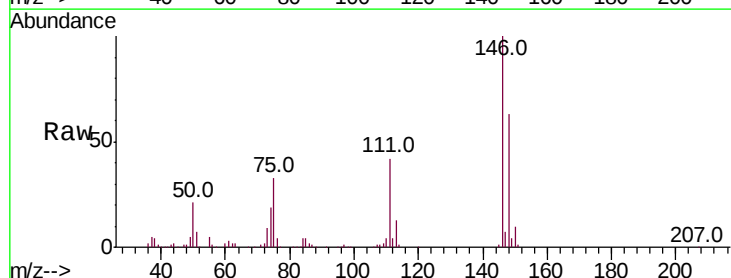
Instrument :
BNA_F
ClientSampleId :

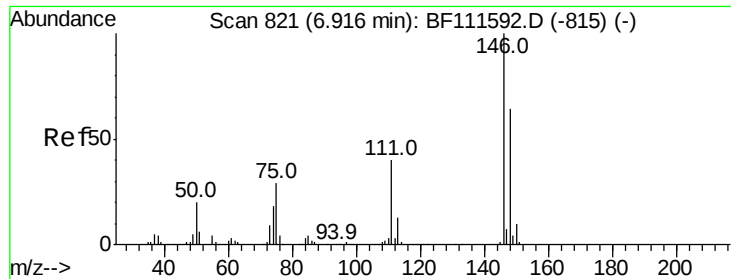
Tot Ion: 93 Resp: 147081
Ion Ratio Lower Upper
93 100
63 81.6 60.0 100.0
95 31.8 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 10.192 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion: 146 Resp: 177482
Ion Ratio Lower Upper
146 100
148 63.0 52.1 78.1
75 32.7 23.9 35.9

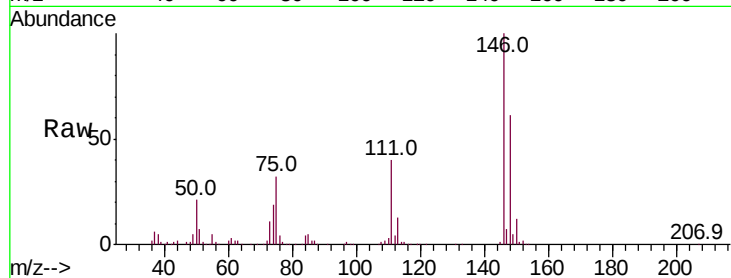




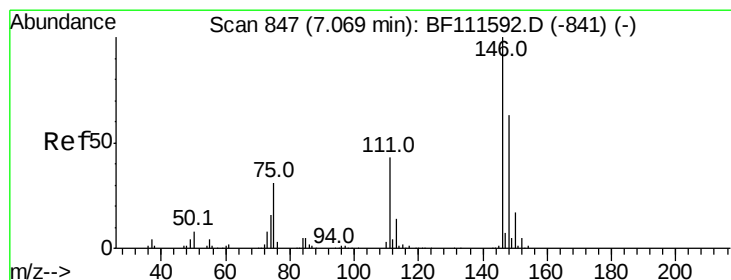
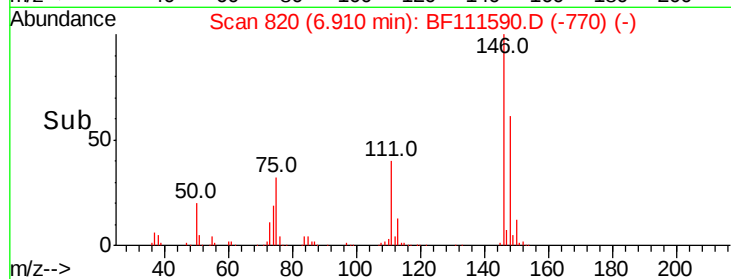
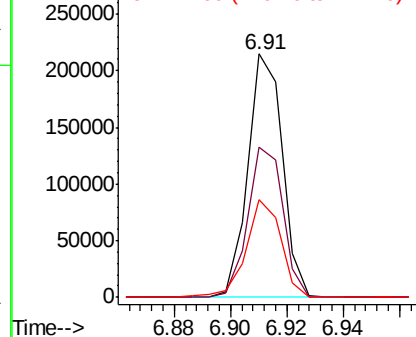
#13
 1,4-Dichlorobenzene
 Concen: 10.325 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 182500
 Ion Ratio Lower Upper
 146 100
 148 61.5 52.8 79.2
 111 40.3 33.4 50.0

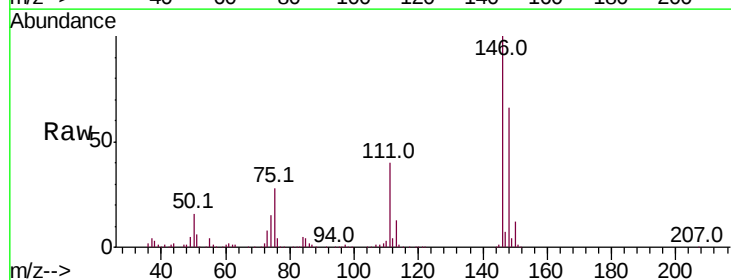


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

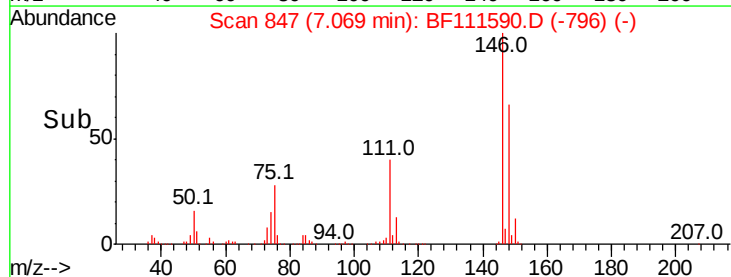
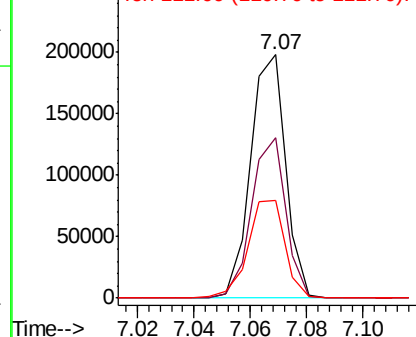


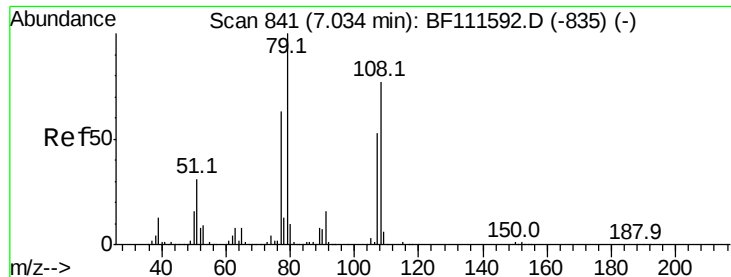
#14
 1,2-Dichlorobenzene
 Concen: 10.251 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Tgt Ion:146 Resp: 170462
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.9 77.9
 111 40.1 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: 10.024 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

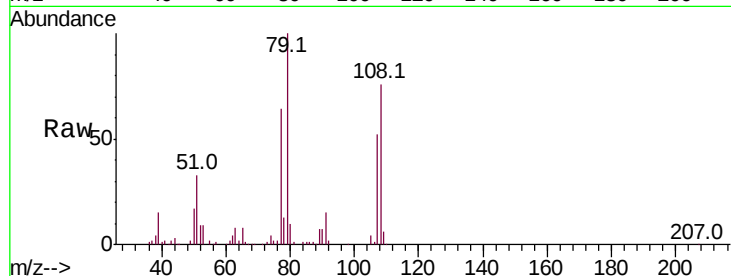
Tot Ion: 79 Resp: 134325

Ion Ratio Lower Upper

79 100

108 75.9 69.4 104.2

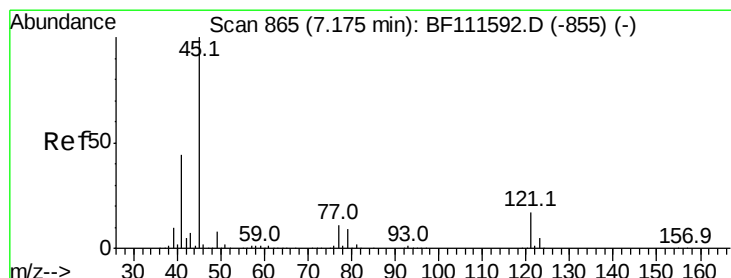
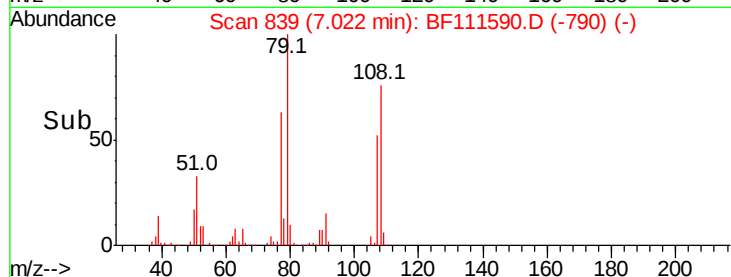
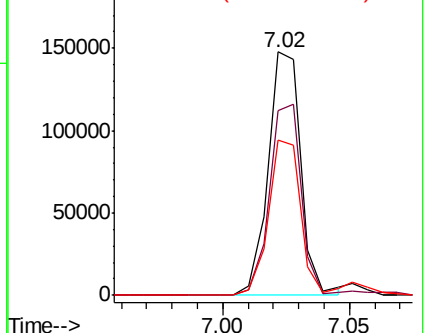
77 63.7 49.7 74.5



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: 9.138 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

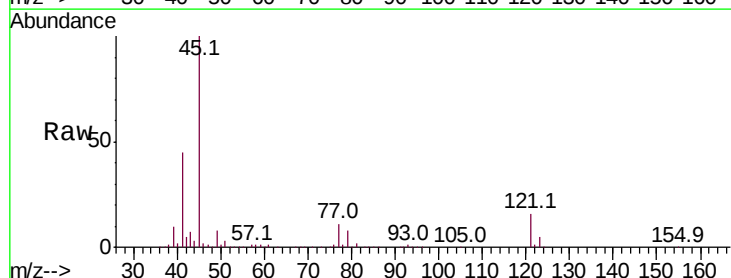
Tgt Ion: 45 Resp: 274399

Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.5

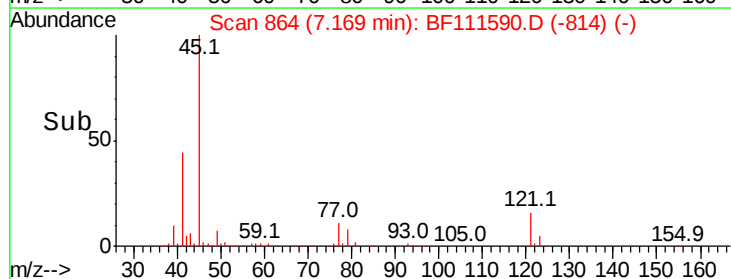
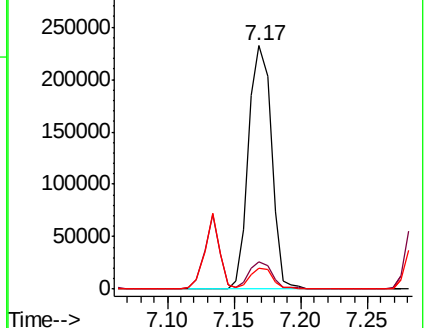
79 8.4 0.0 28.9

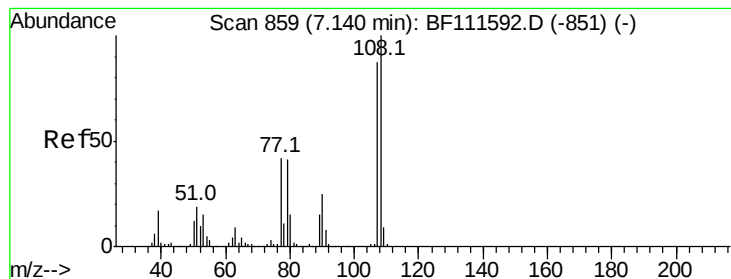


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 9.479 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 120688

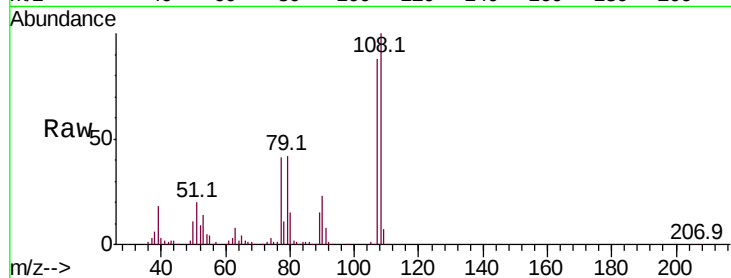
Ion Ratio Lower Upper

107 100

108 113.2 91.0 136.4

77 46.2 33.5 50.3

79 47.1 33.3 49.9

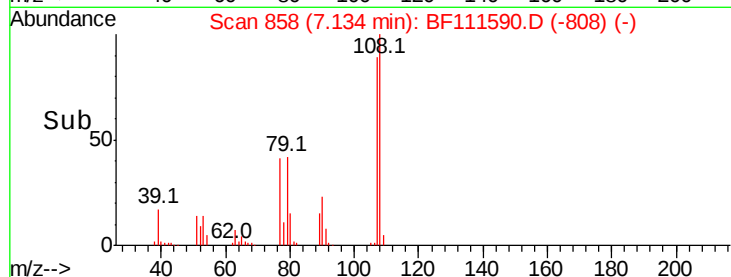


Abundance Ion 107.00 (106.70 to 107.70): E

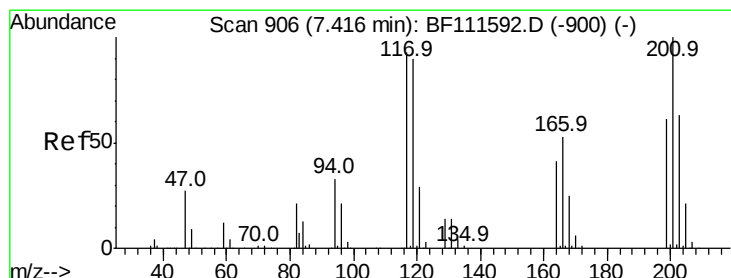
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 8.911 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

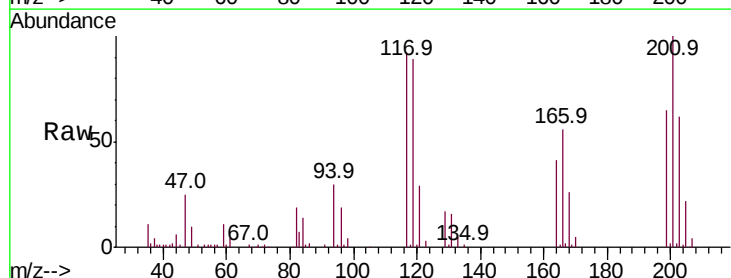
Tgt Ion:117 Resp: 58618

Ion Ratio Lower Upper

117 100

119 96.8 75.4 113.0

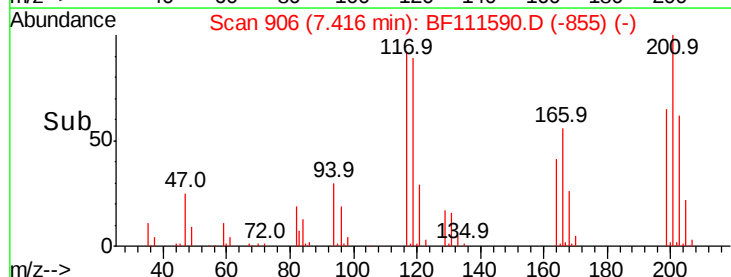
201 109.0 62.4 93.6#



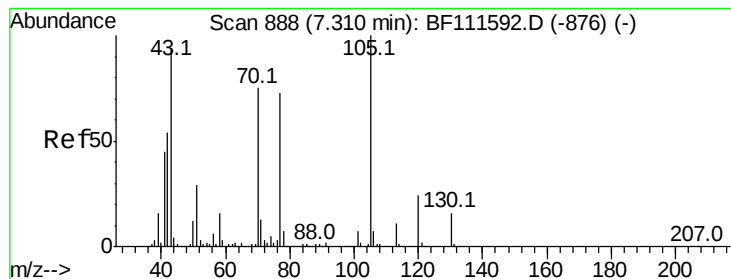
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 9.773 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 113558

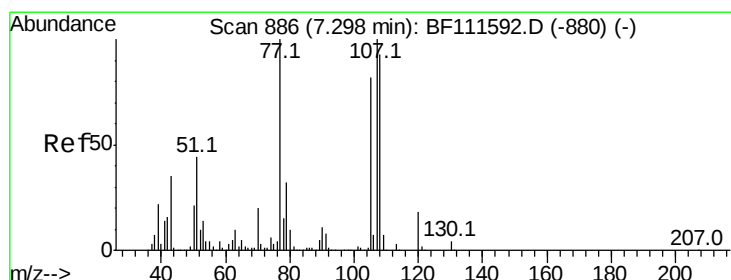
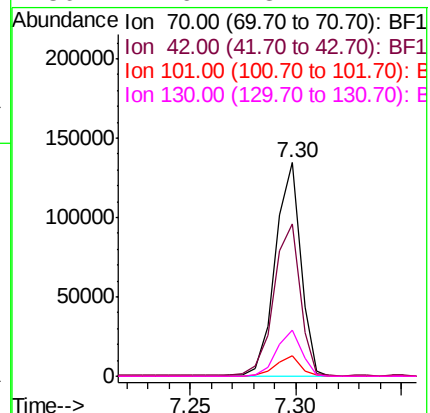
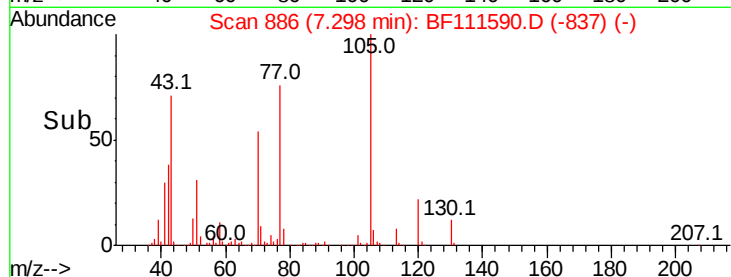
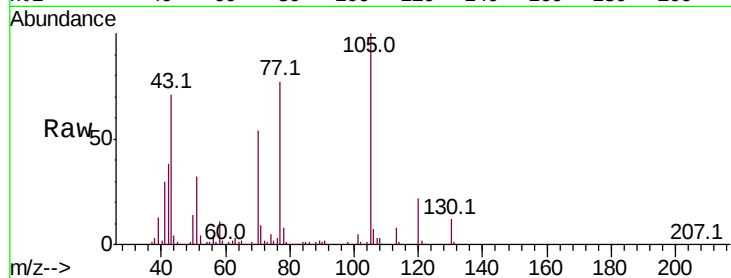
Ion Ratio Lower Upper

70 100

42 71.1 53.2 79.8

101 9.7 8.2 12.4

130 21.6 18.1 27.1



#20

3+4-Methylphenols

Concen: 9.987 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Tgt Ion:107 Resp: 159492

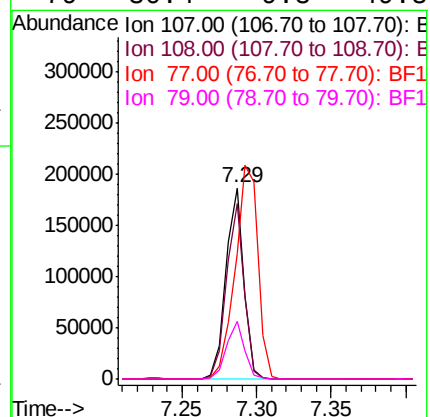
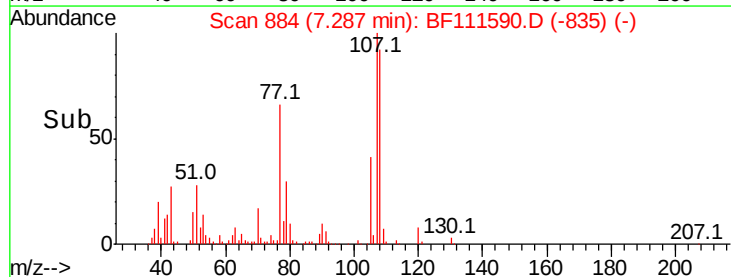
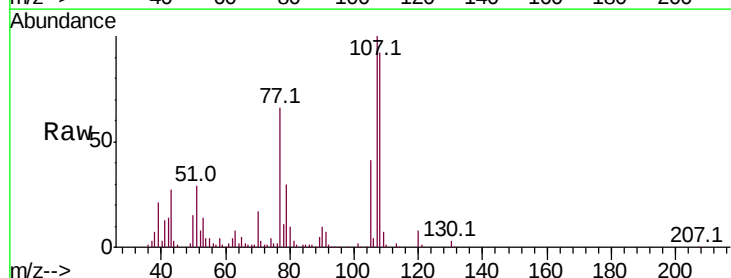
Ion Ratio Lower Upper

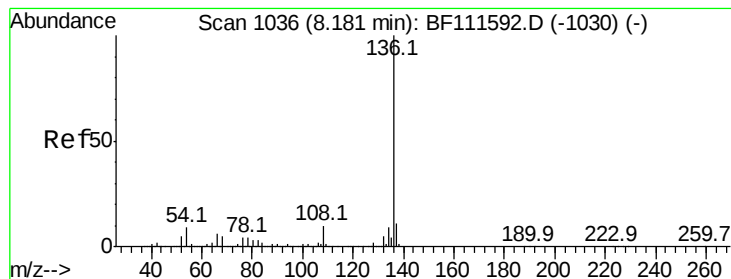
107 100

108 91.8 72.1 112.1

77 65.8 94.1 134.1#

79 30.4 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 824964

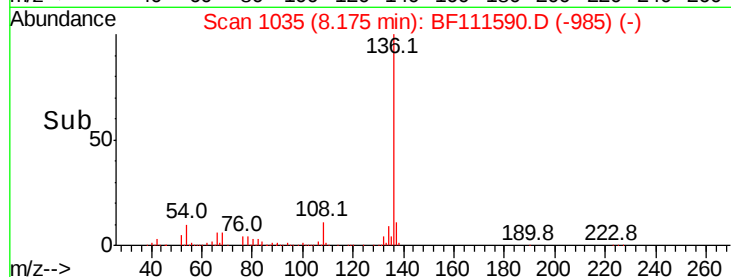
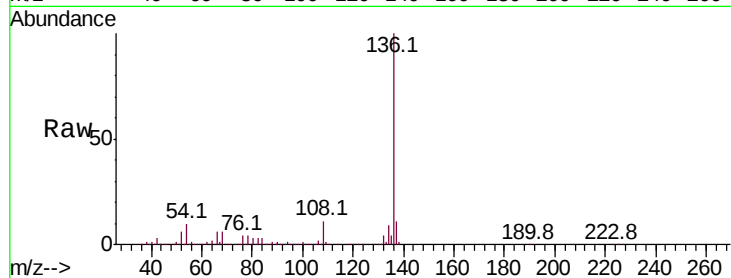
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 10.3 7.7 11.5

68 6.3 4.9 7.3

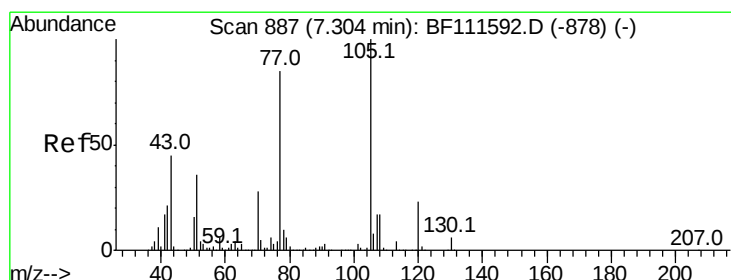
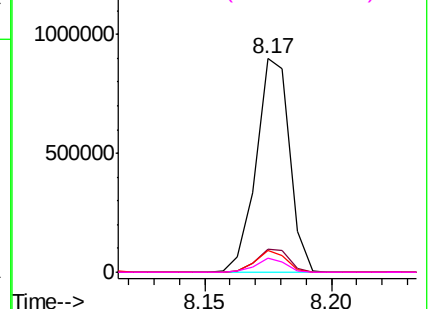


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.124 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Tgt Ion:105 Resp: 223283

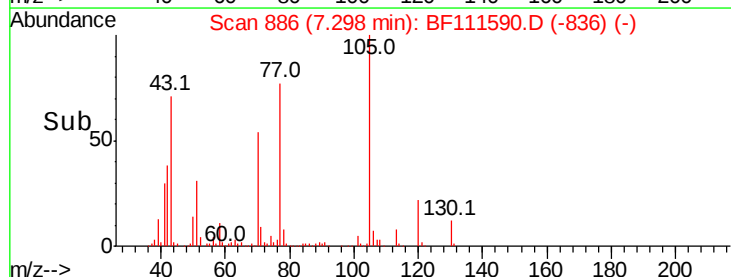
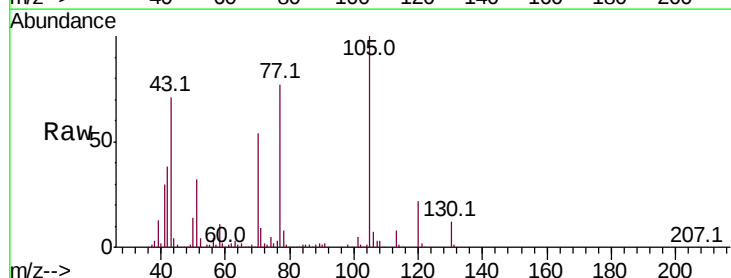
Ion Ratio Lower Upper

105 100

71 9.1 3.1 4.7#

51 31.5 36.6 54.8#

120 22.3 18.2 27.4

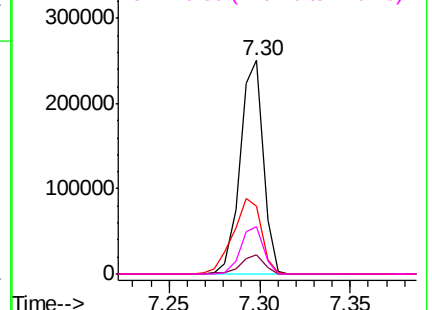


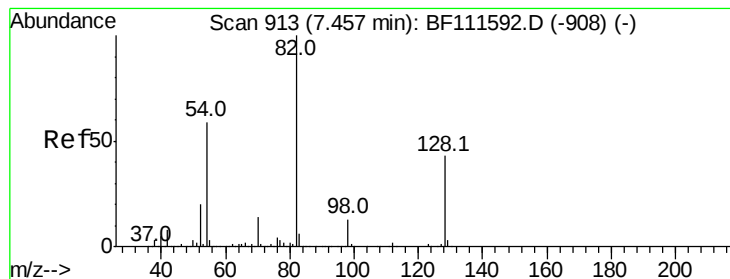
Abundance Ion 105.00 (104.70 to 105.70): E

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: 19.954 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

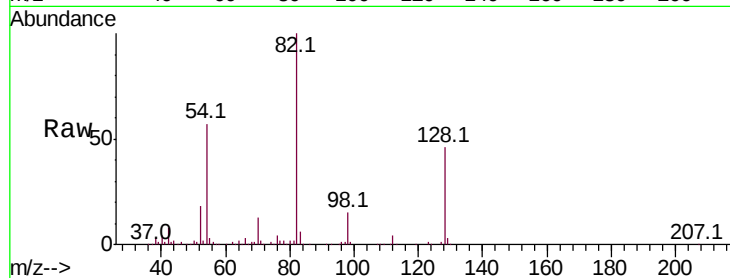
Tot Ion: 82 Resp: 276431

Ion Ratio Lower Upper

82 100

128 45.6 37.4 56.2

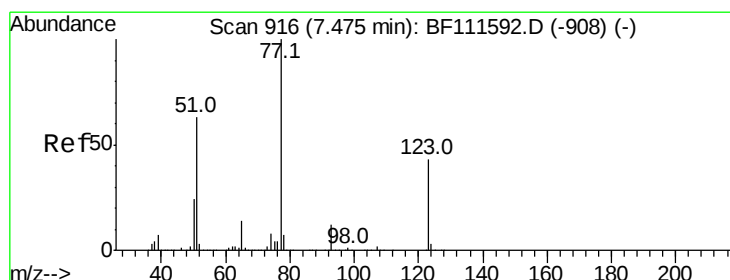
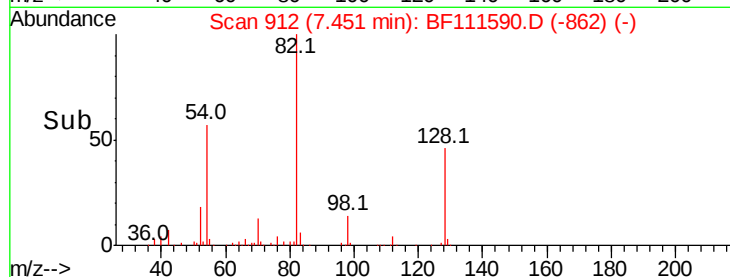
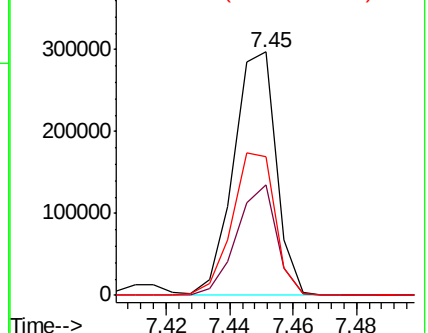
54 57.0 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 10.123 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

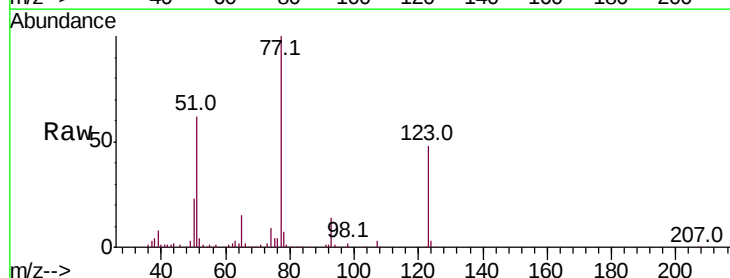
Tgt Ion: 77 Resp: 143058

Ion Ratio Lower Upper

77 100

123 48.5 37.2 55.8

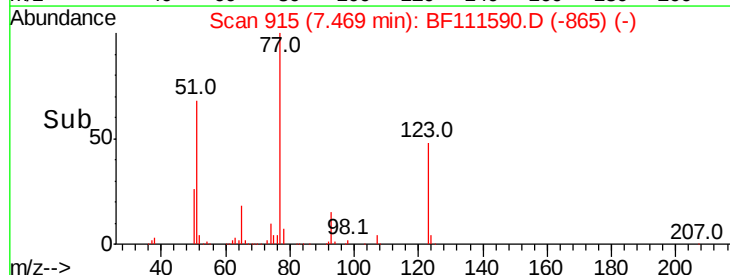
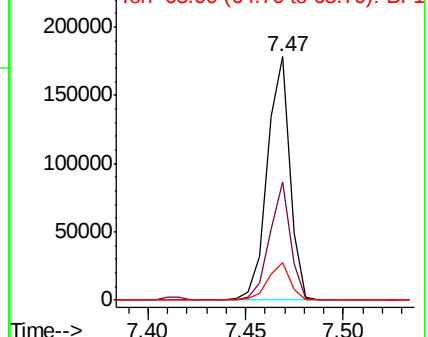
65 15.4 11.5 17.3

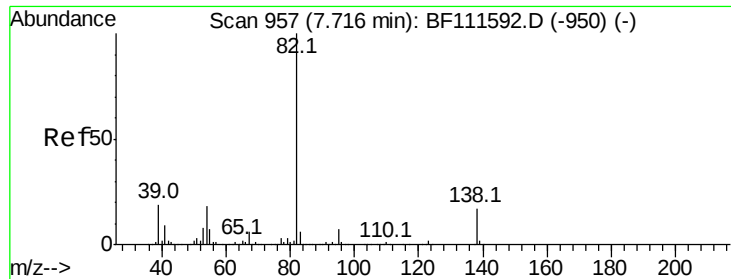


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 10.895 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

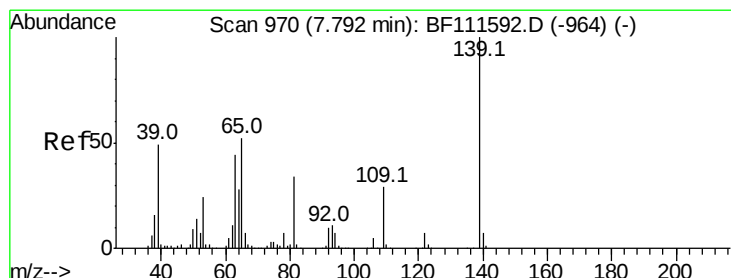
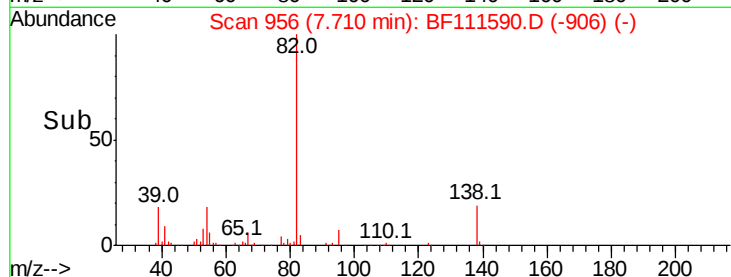
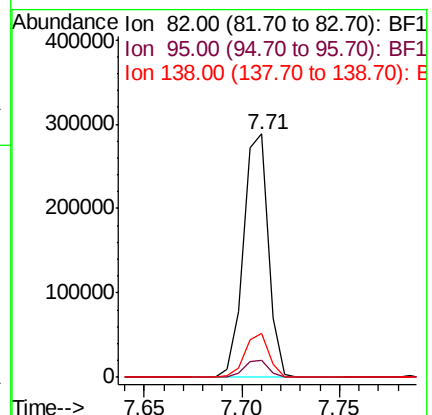
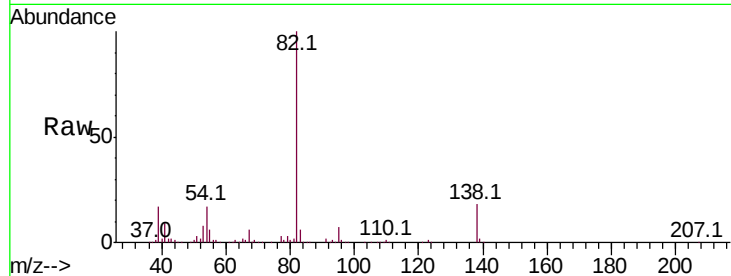
Tot Ion: 82 Resp: 255387

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 18.1 15.1 22.7



#26

2-Nitrophenol

Concen: 7.105 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

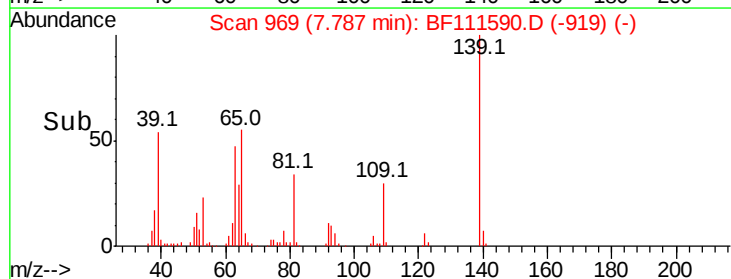
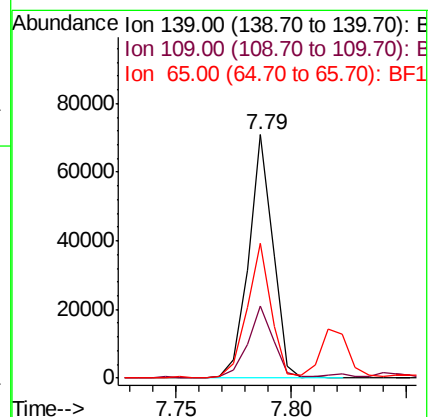
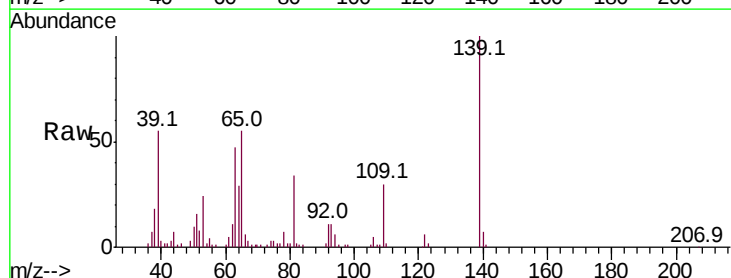
Tgt Ion: 139 Resp: 52072

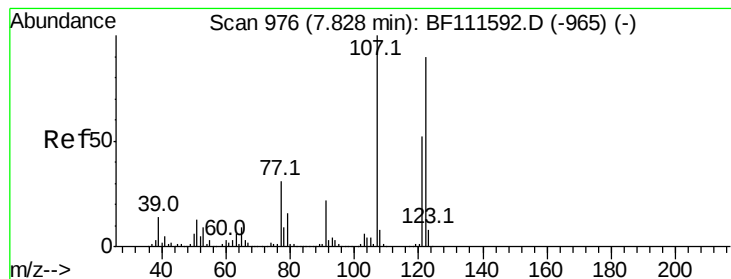
Ion Ratio Lower Upper

139 100

109 29.6 20.2 30.4

65 55.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 11.773 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

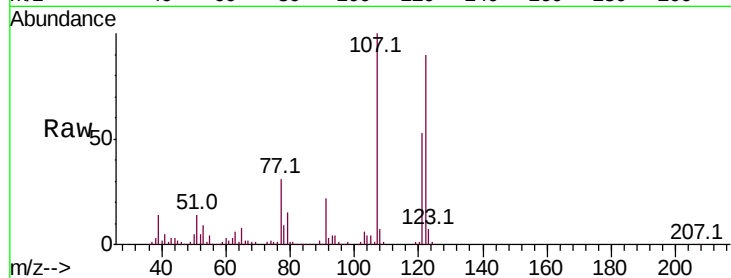
Tot Ion:122 Resp: 125090

Ion Ratio Lower Upper

122 100

107 110.9 85.5 128.3

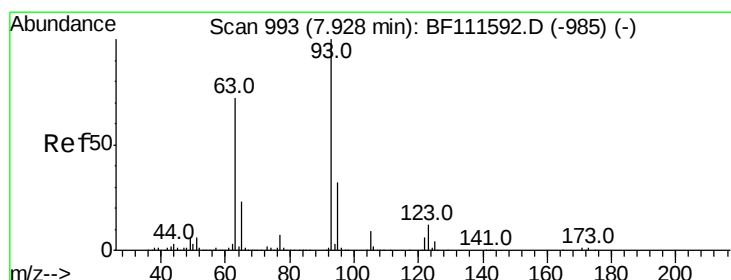
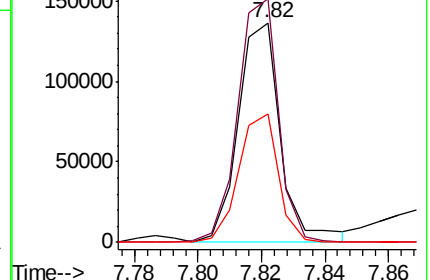
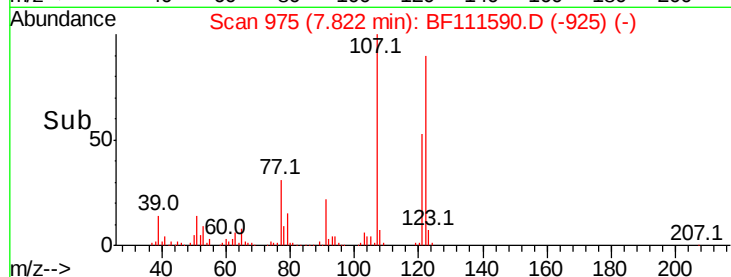
121 58.8 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 10.721 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

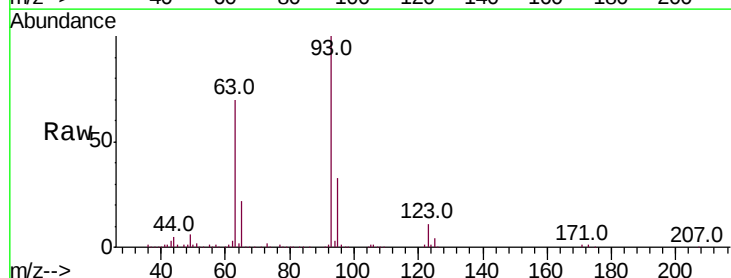
Tgt Ion: 93 Resp: 173481

Ion Ratio Lower Upper

93 100

95 33.3 27.1 40.7

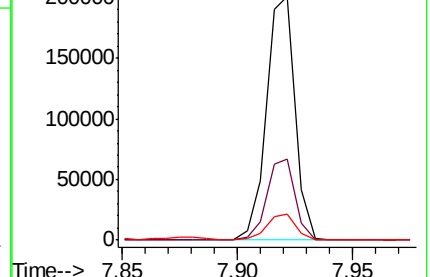
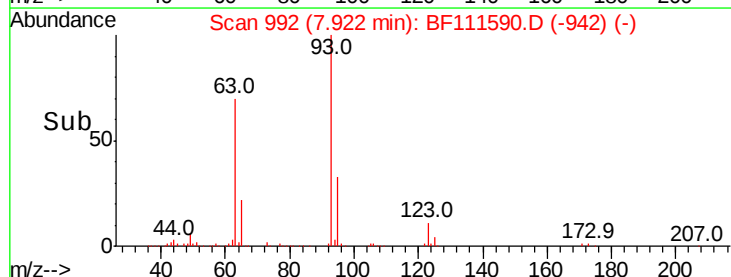
123 10.9 9.9 14.9

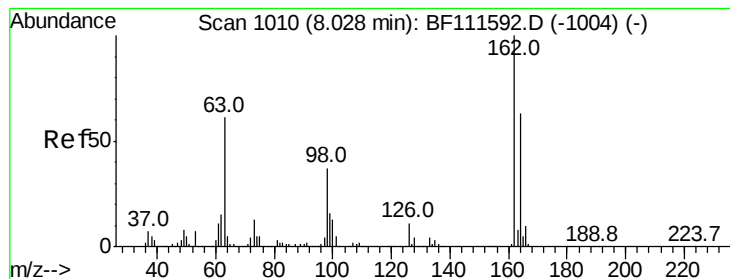


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 11.719 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

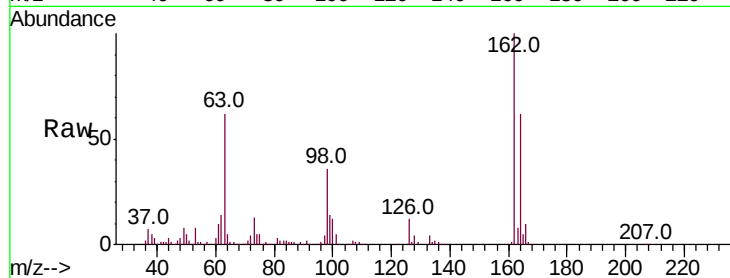
Tot Ion:162 Resp: 132918

Ion Ratio Lower Upper

162 100

164 62.3 44.4 84.4

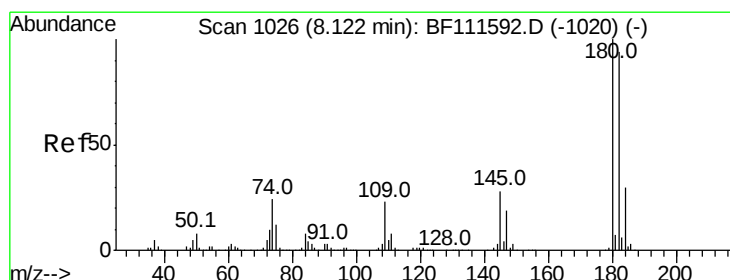
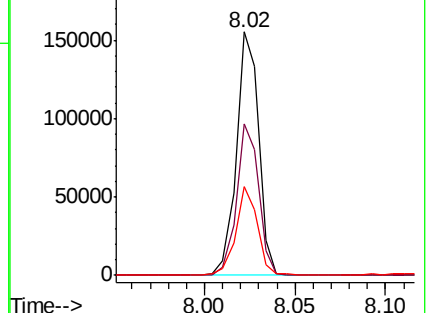
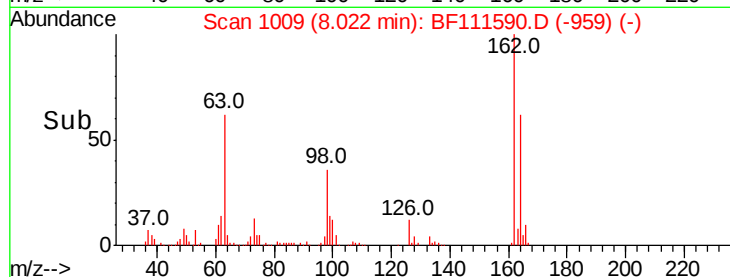
98 36.2 20.3 60.3



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: 12.424 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

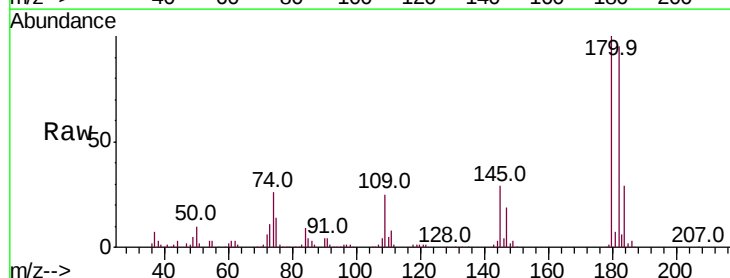
Tgt Ion:180 Resp: 147519

Ion Ratio Lower Upper

180 100

182 94.7 75.6 113.4

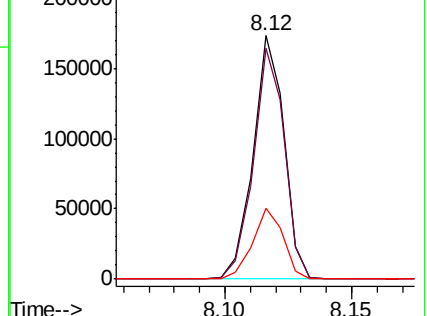
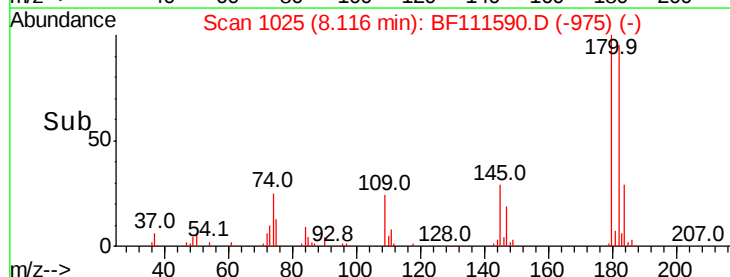
145 29.1 26.7 40.1

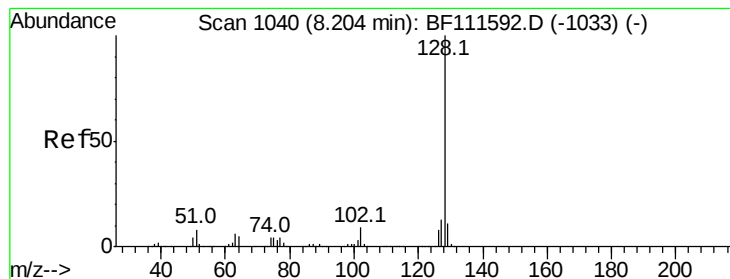


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 10.925 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

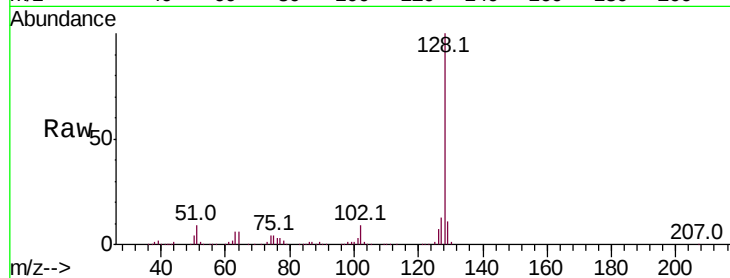
Tot Ion:128 Resp: 421564

Ion Ratio Lower Upper

128 100

129 10.9 9.8 14.8

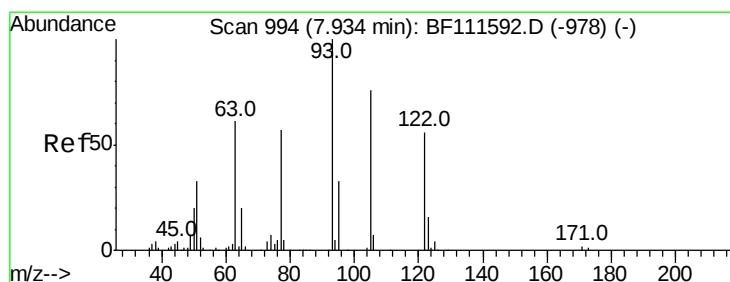
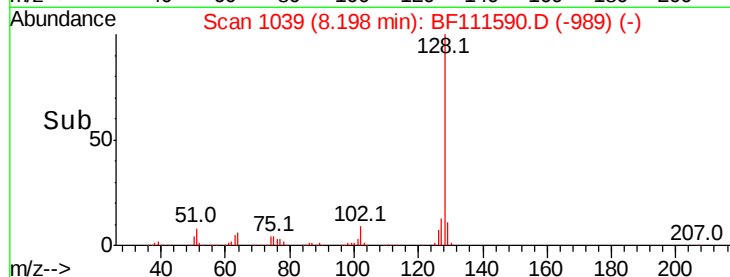
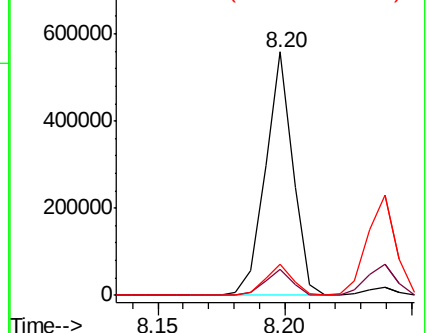
127 12.6 12.0 18.0



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: 6.113 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.05 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

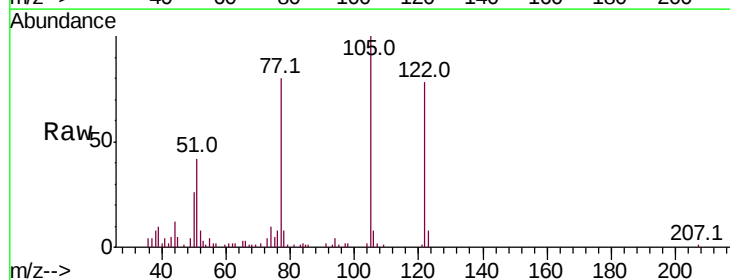
Tgt Ion:122 Resp: 56127

Ion Ratio Lower Upper

122 100

105 127.4 97.0 137.0

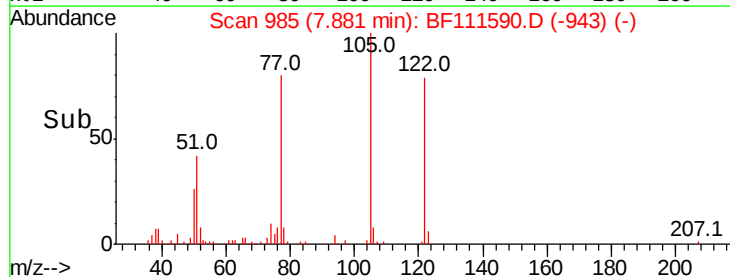
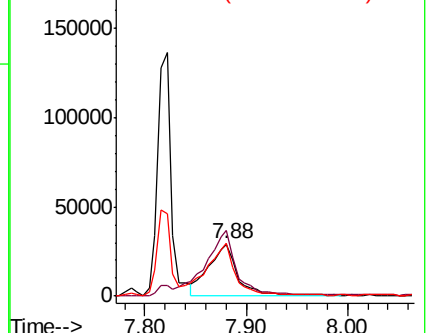
77 102.1 65.7 105.7

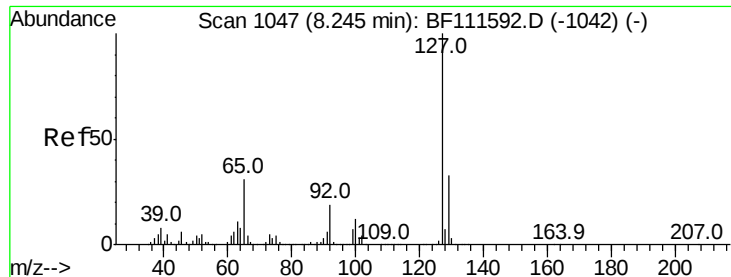


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

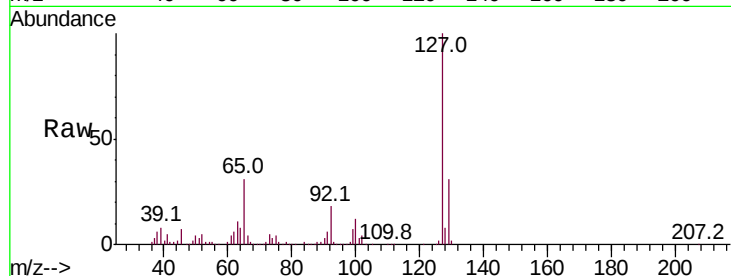




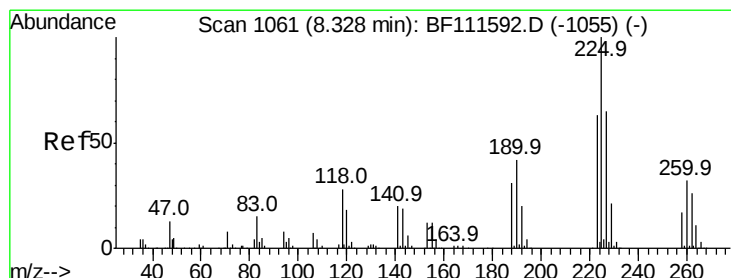
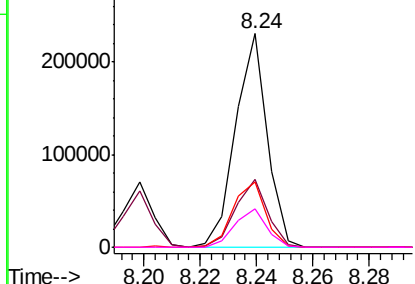
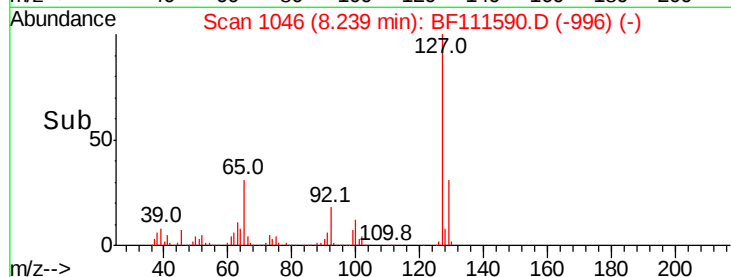
#33
4-Chloroaniline
Concen: 10.467 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	179595
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.6	39.8
65	30.6	25.7	38.5
92	18.0	15.4	23.2

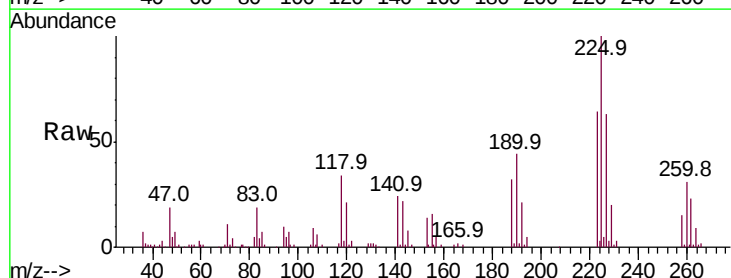


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

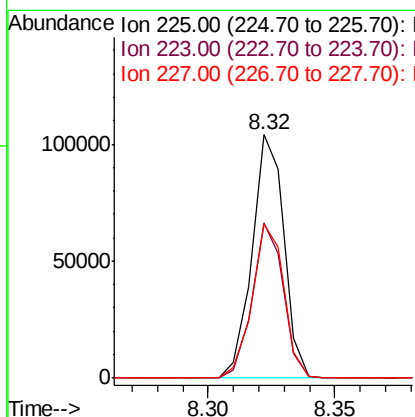
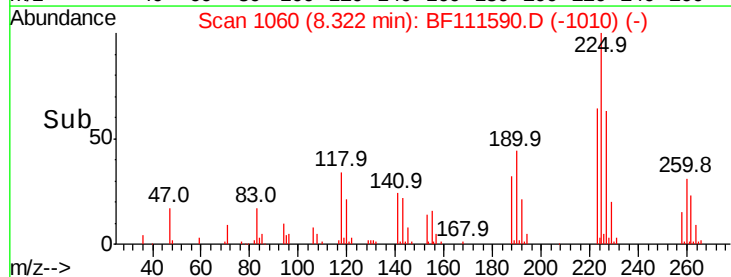


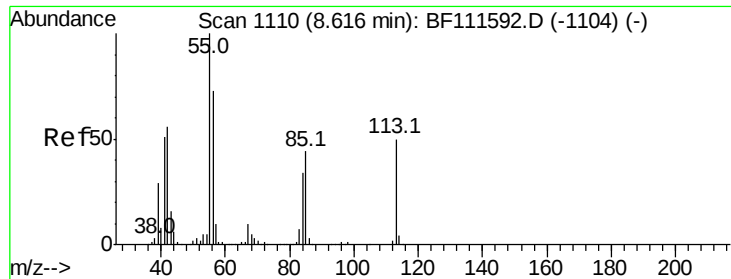
#34
Hexachlorobutadiene
Concen: 13.882 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion:	225	Resp:	90810
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.7	76.1
227	63.2	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

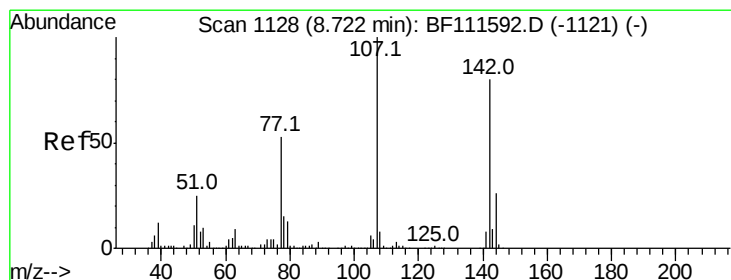
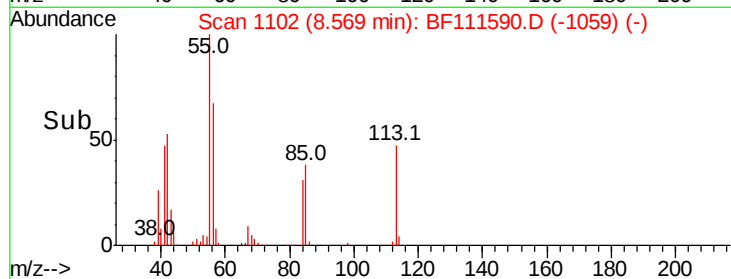
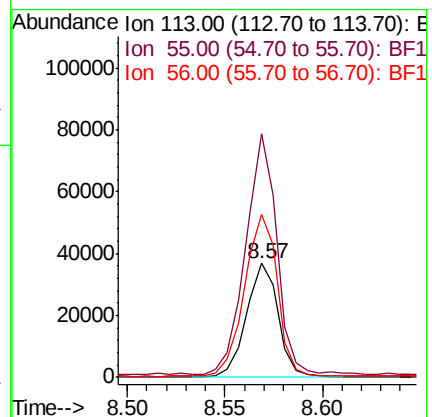
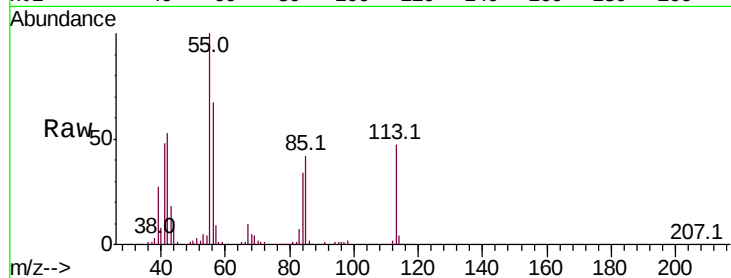




#35
 Caprolactam
 Concen: 9.898 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.05 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

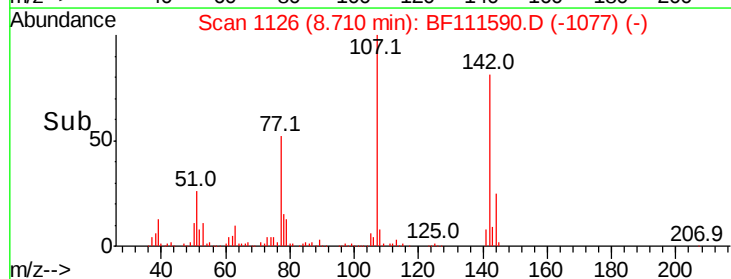
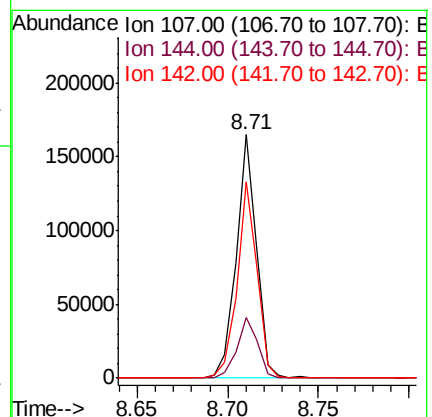
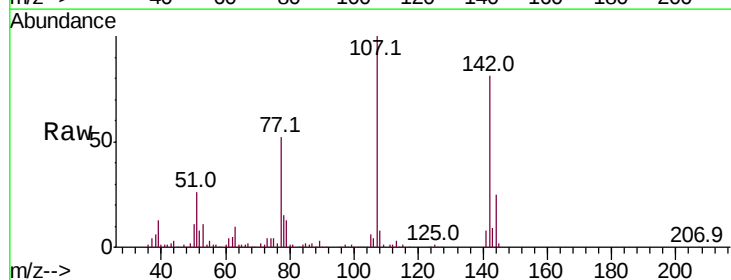
Instrument :
 BNA_F
 ClientSampleId :

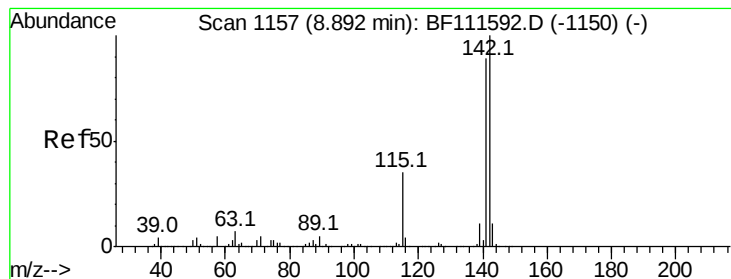
Tot Ion:113 Resp: 41681
 Ion Ratio Lower Upper
 113 100
 55 213.9 184.1 224.1
 56 143.7 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 10.303 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Tgt Ion:107 Resp: 128630
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.8 29.6
 142 80.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 10.419 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

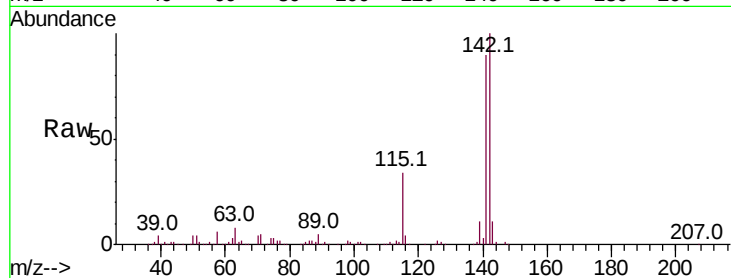
Tot Ion:142 Resp: 272036

Ion Ratio Lower Upper

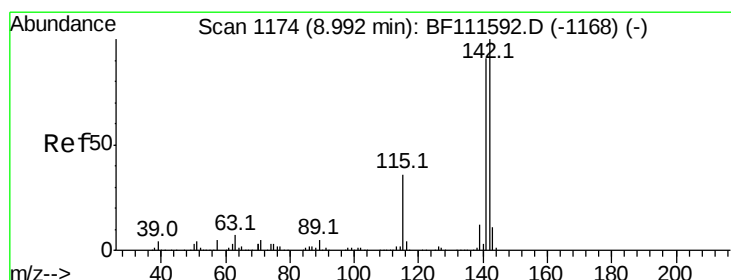
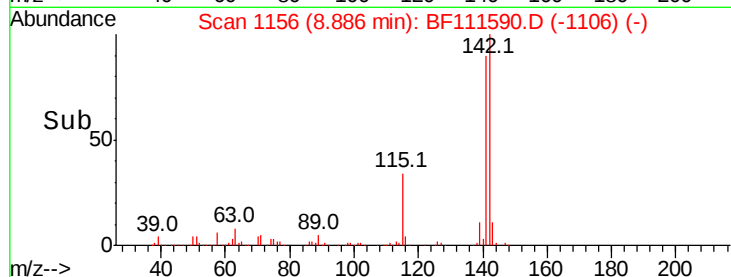
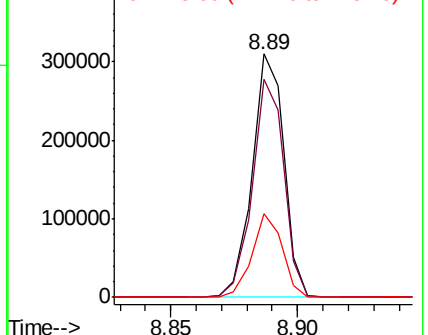
142 100

141 89.7 70.6 105.8

115 34.4 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: 10.295 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

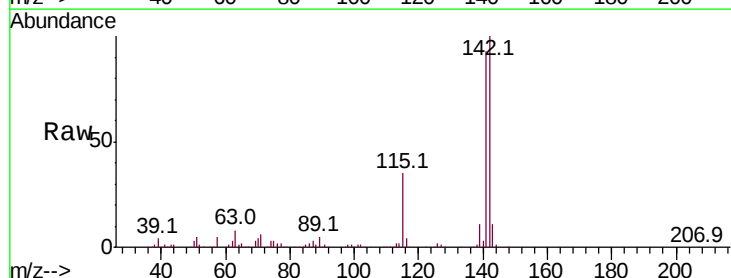
Tgt Ion:142 Resp: 259686

Ion Ratio Lower Upper

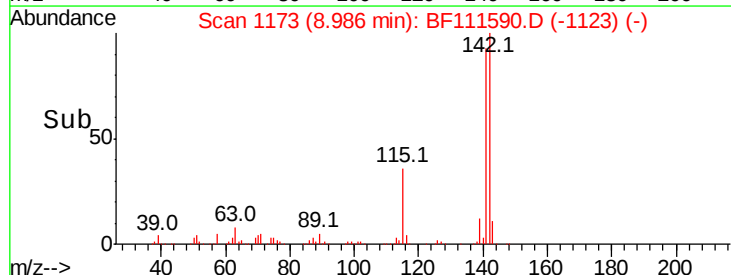
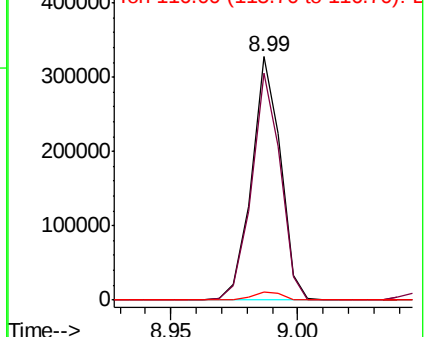
142 100

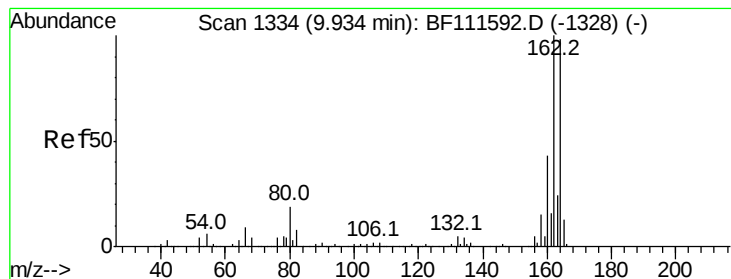
141 93.0 74.2 111.4

116 3.6 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: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

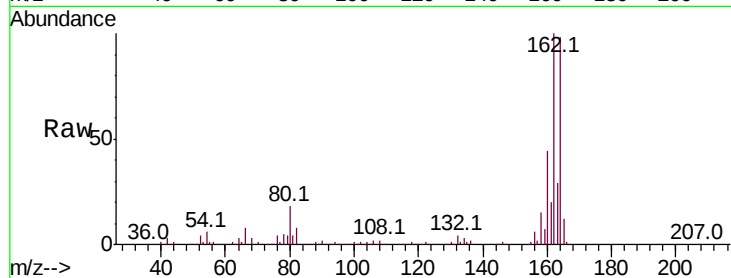
Tot Ion:164 Resp: 418274

Ion Ratio Lower Upper

164 100

162 101.8 81.4 122.0

160 44.4 35.7 53.5

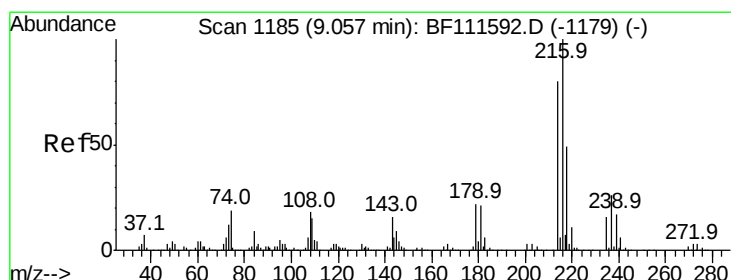
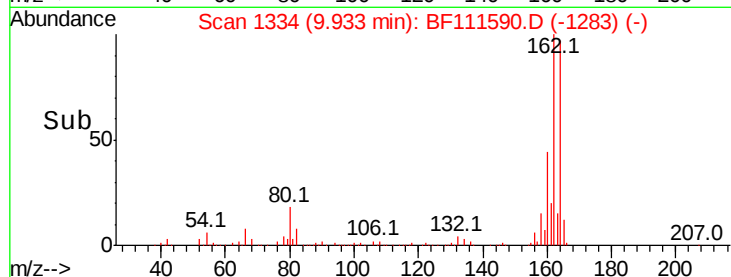
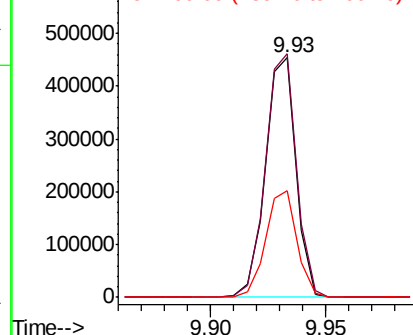


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 12.780 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Tgt Ion:216 Resp: 146594

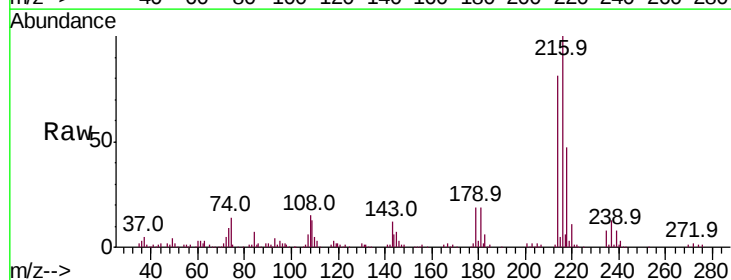
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 20.1 17.9 26.9

108 18.0 18.4 27.6#



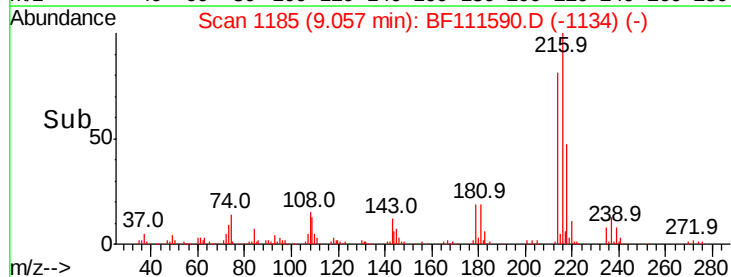
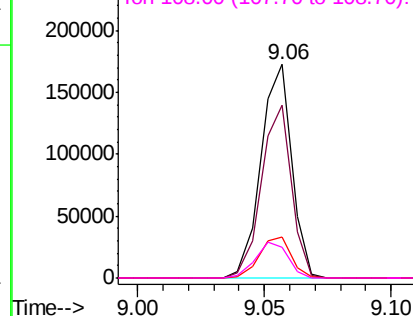
Abundance

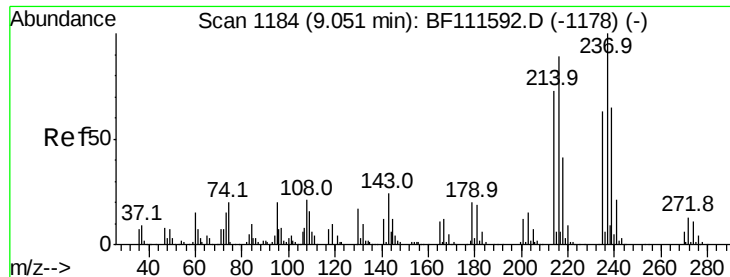
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 11.515 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampled :

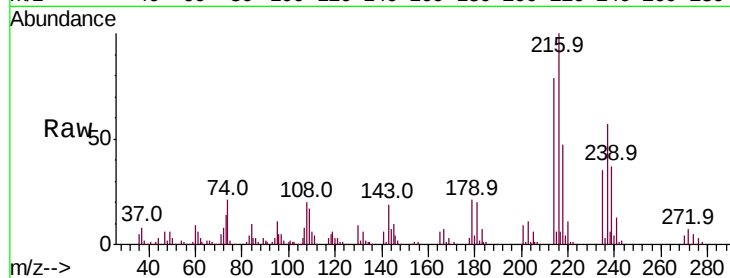
Tot Ion:237 Resp: 67816

Ion Ratio Lower Upper

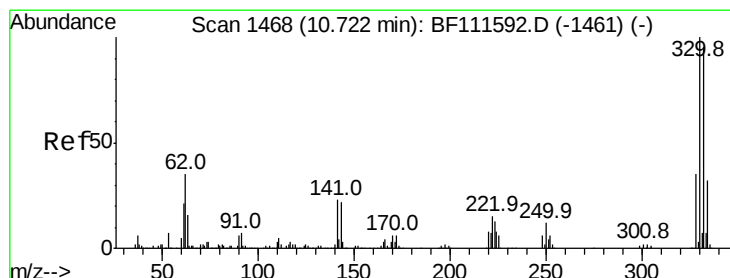
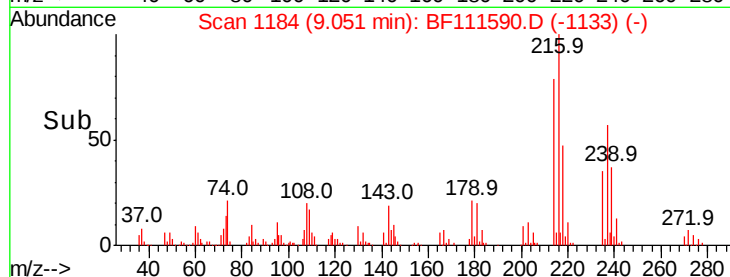
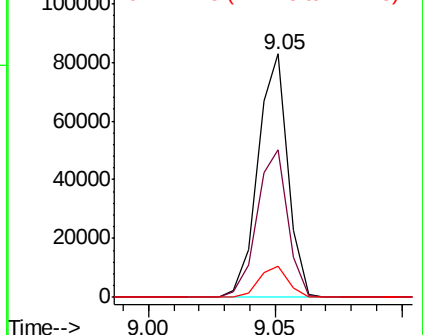
237 100

235 60.7 43.1 83.1

272 12.8 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: 27.079 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

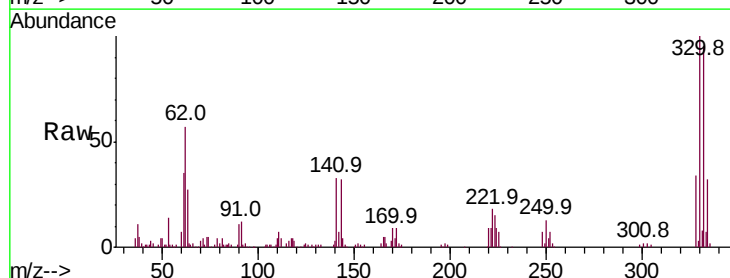
Tgt Ion:330 Resp: 101459

Ion Ratio Lower Upper

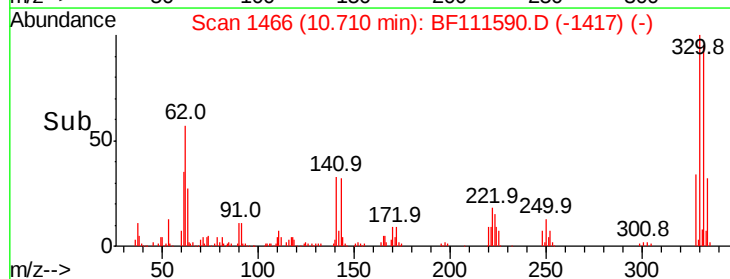
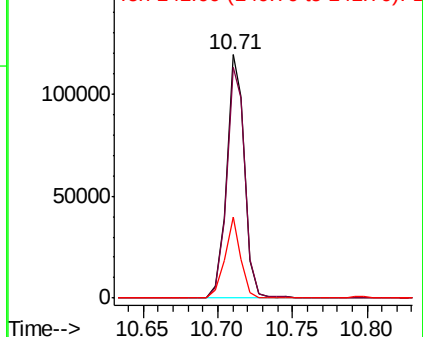
330 100

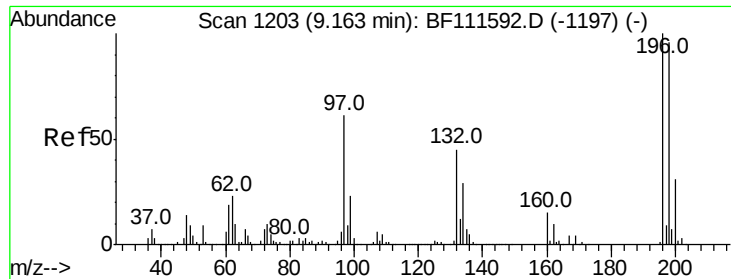
332 97.2 76.0 114.0

141 29.4 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

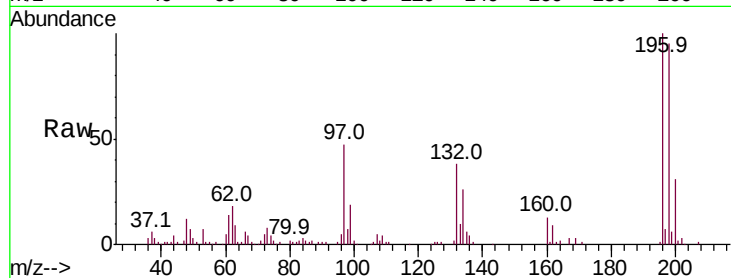




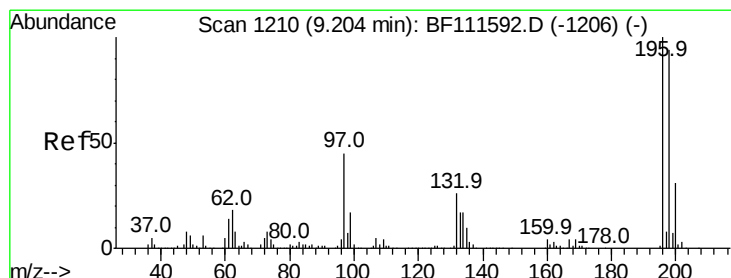
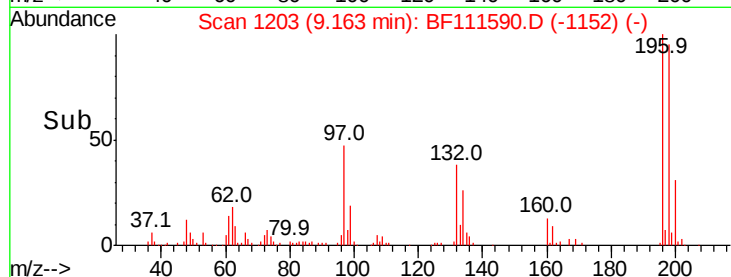
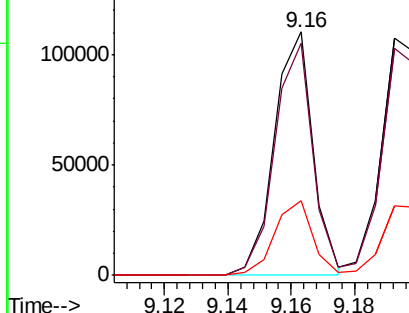
#43
 2,4,6-Trichlorophenol
 Concen: 11.509 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 93439
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.3 114.5
 200 30.7 24.9 37.3

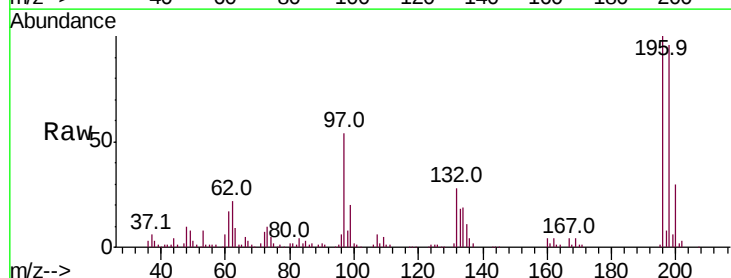


Abundance Ion 196.00 (195.70 to 196.70): E
 150000 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

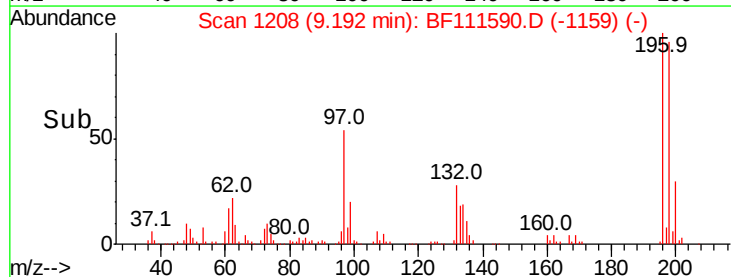
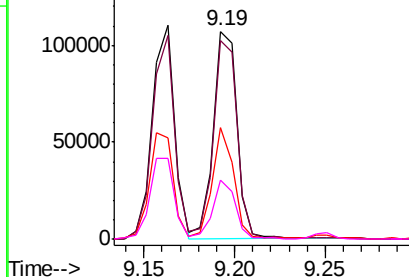


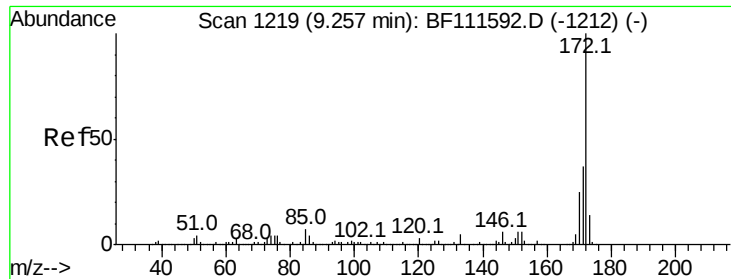
#44
 2,4,5-Trichlorophenol
 Concen: 11.202 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Tgt Ion:196 Resp: 96772
 Ion Ratio Lower Upper
 196 100
 198 95.6 72.9 109.3
 97 53.8 45.3 67.9
 132 28.3 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 150000 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

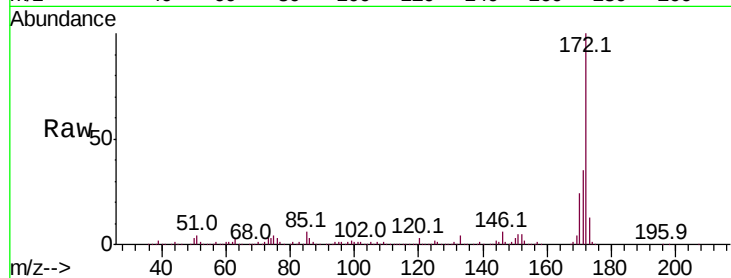




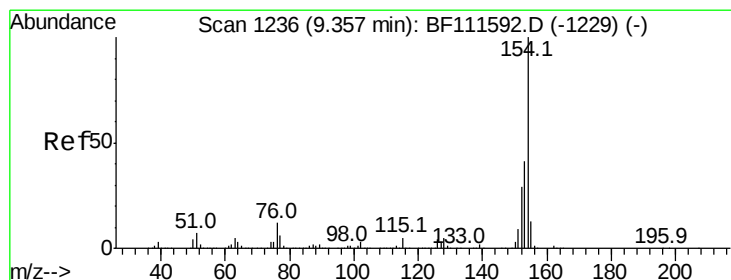
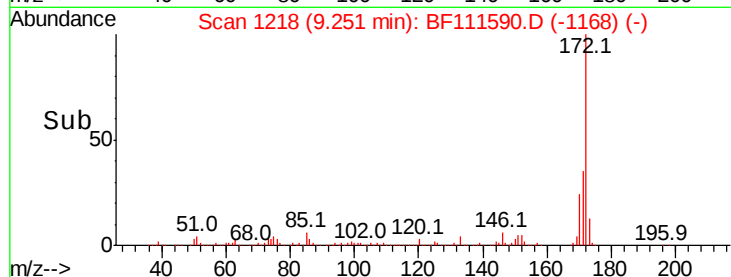
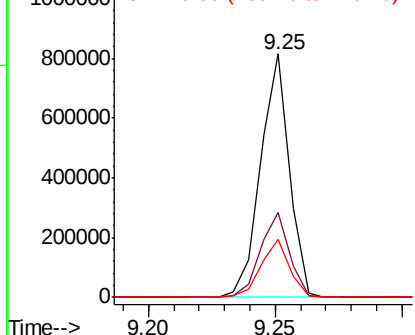
#45
2-Fluorobiphenyl
Concen: 23.734 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 642697
Ion Ratio Lower Upper
172 100
171 35.0 33.0 49.4
170 23.8 22.3 33.5

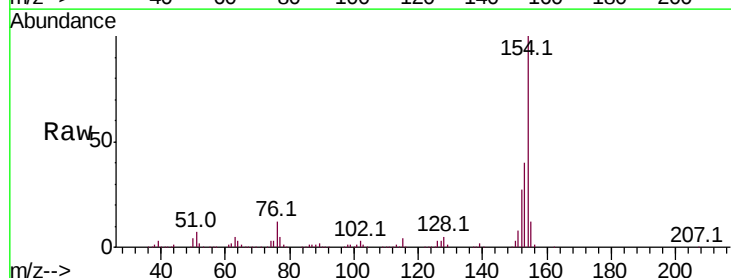


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

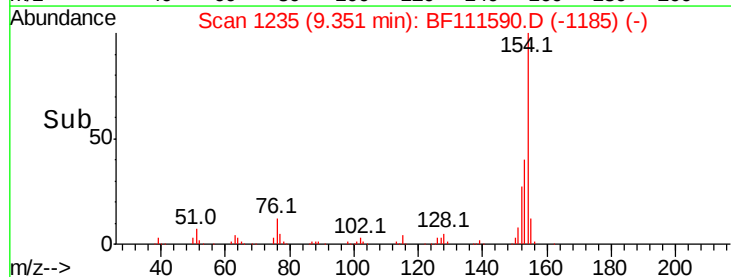
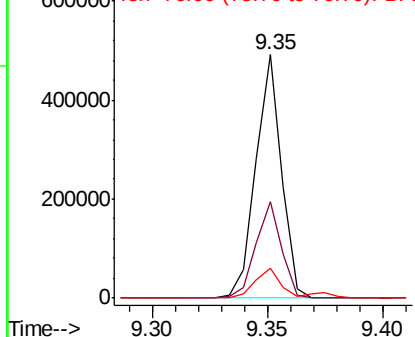


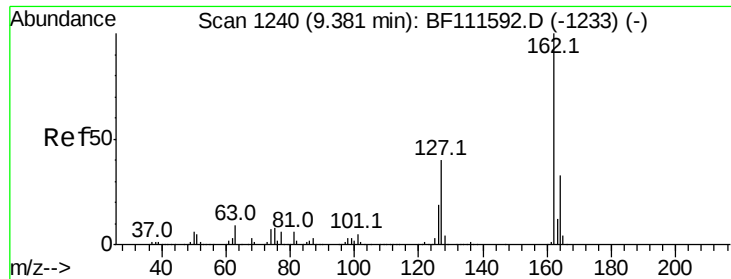
#46
1,1'-Biphenyl
Concen: 10.750 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion:154 Resp: 380995
Ion Ratio Lower Upper
154 100
153 39.8 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: 11.021 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

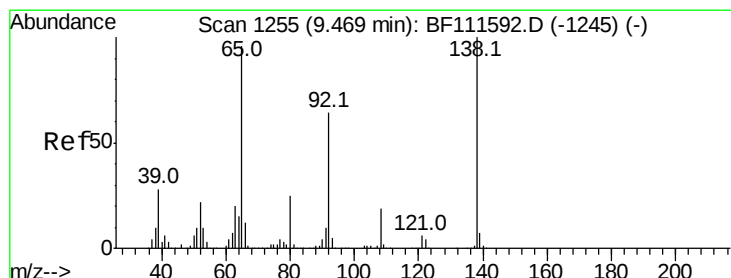
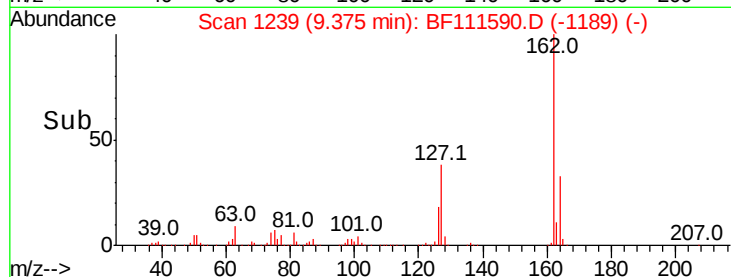
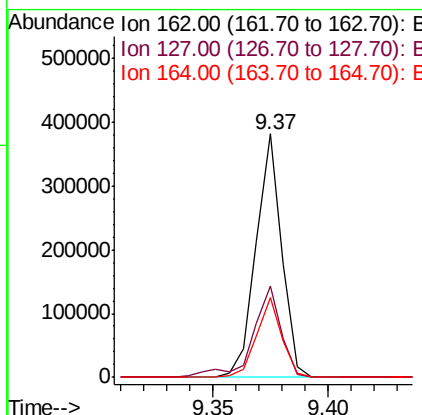
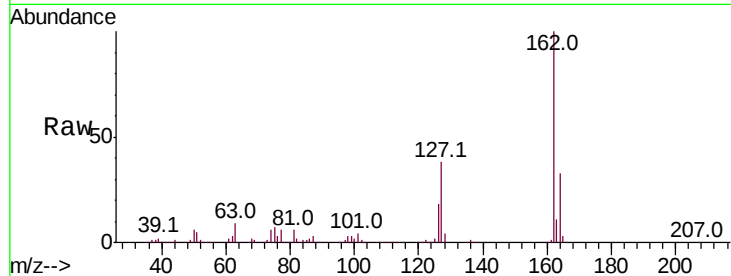
Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 296893

Ion	Ratio	Lower	Upper
162	100		
127	37.5	35.0	52.4
164	32.8	28.4	42.6



#48

2-Nitroaniline

Concen: 6.990 ng

RT: 9.46 min Scan# 1254

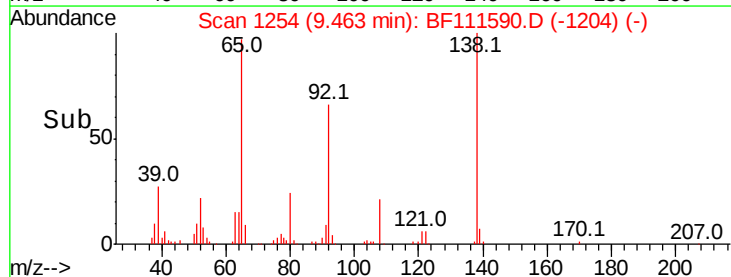
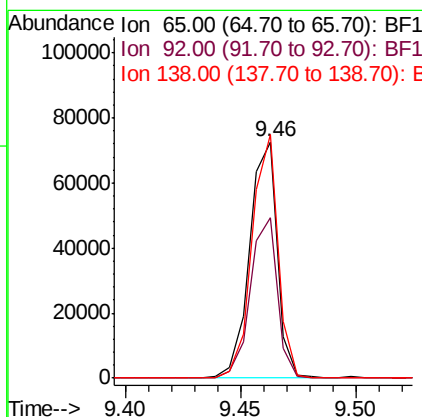
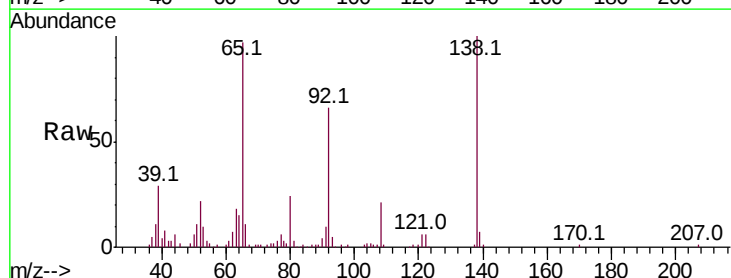
Delta R.T. -0.01 min

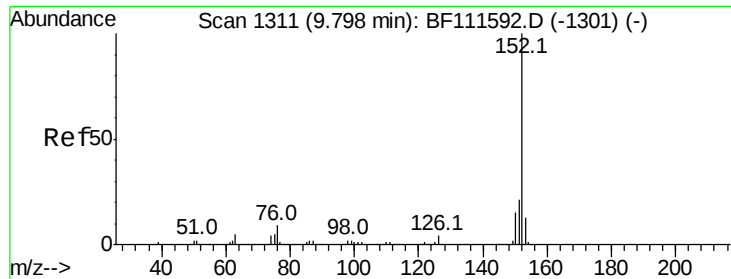
Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Tgt Ion: 65 Resp: 61143

Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.5	80.3
138	102.9	80.9	121.3





#49

Acenaphthylene

Concen: 10.822 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

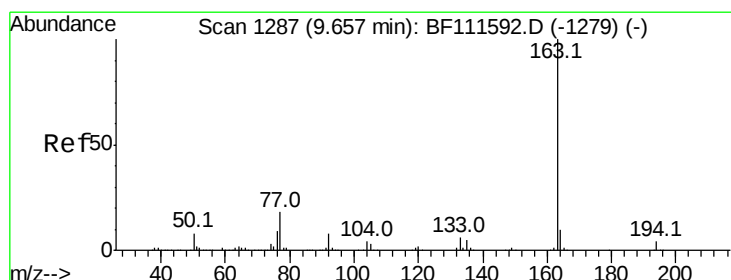
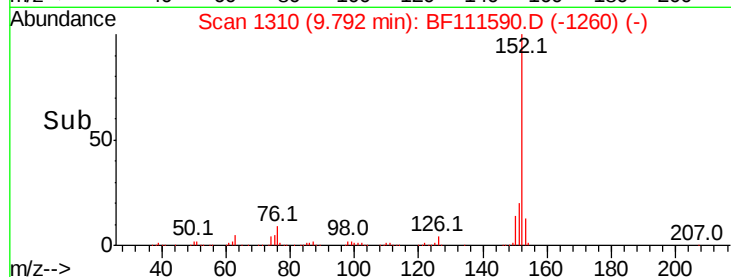
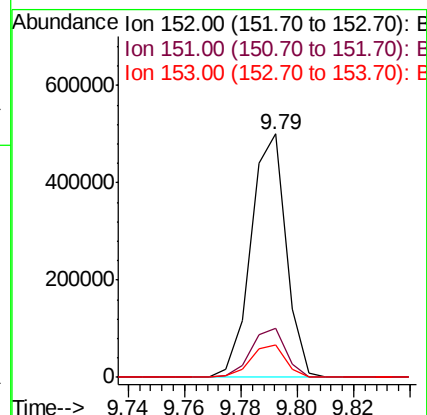
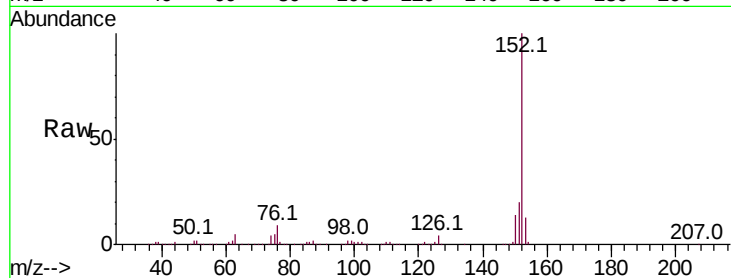
Tot Ion:152 Resp: 432733

Ion Ratio Lower Upper

152 100

151 20.0 18.0 27.0

153 13.2 12.3 18.5



#50

Dimethylphthalate

Concen: 10.562 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

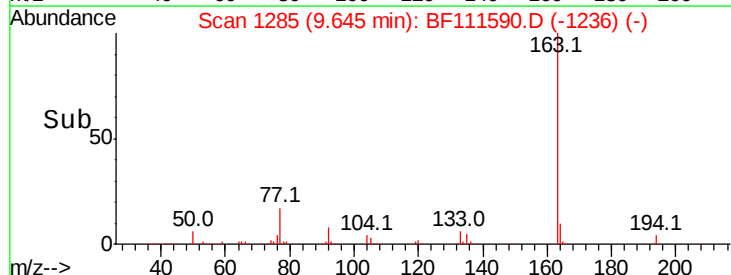
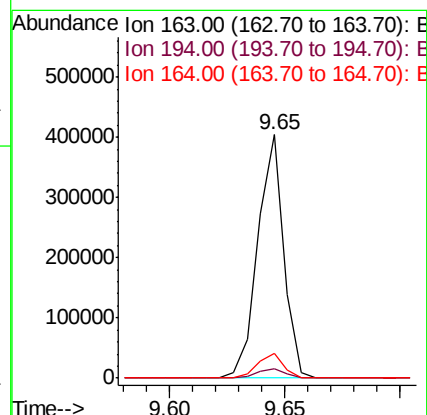
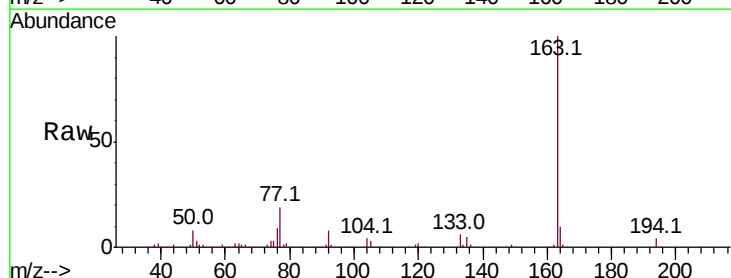
Tgt Ion:163 Resp: 318173

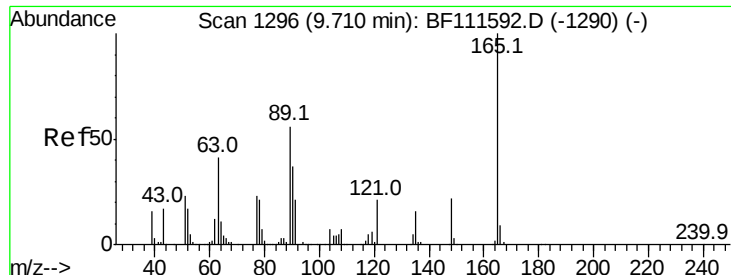
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.0 8.9 13.3





#51

2,6-Dinitrotoluene

Concen: 7.543 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

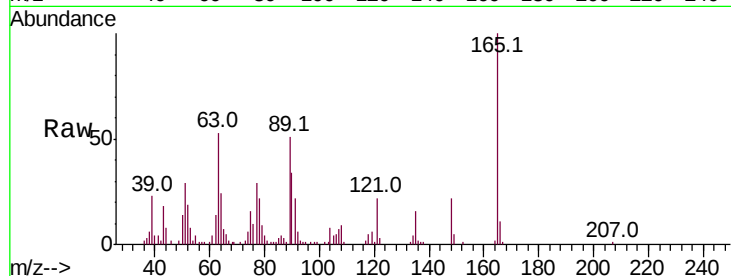
Tot Ion:165 Resp: 51147

Ion Ratio Lower Upper

165 100

63 53.3 40.5 60.7

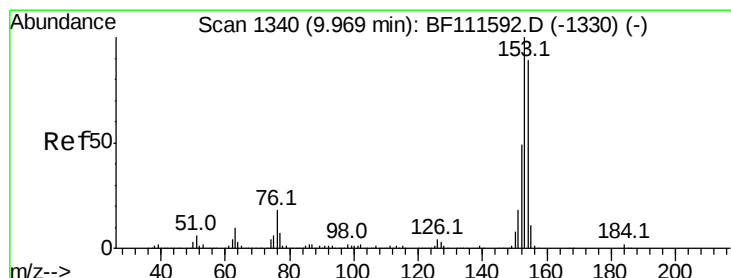
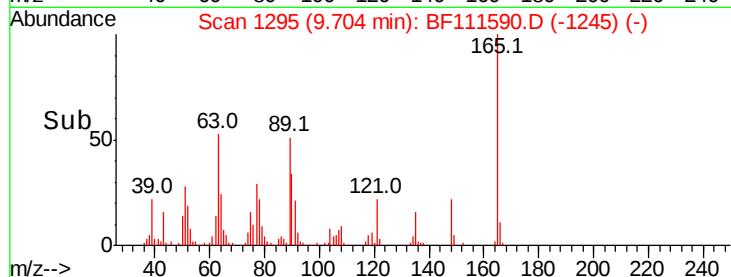
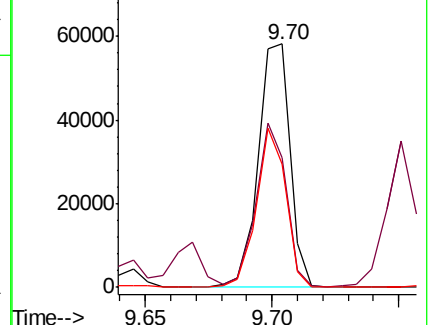
89 50.5 40.0 60.0



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: 10.514 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

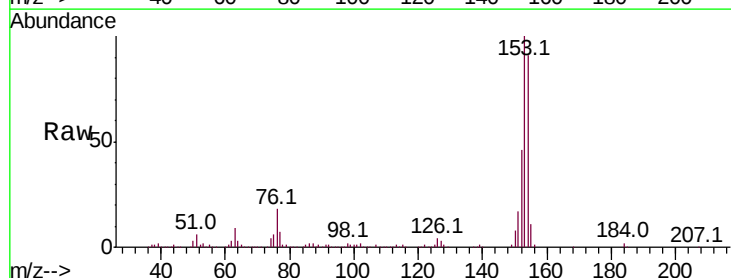
Tgt Ion:154 Resp: 265730

Ion Ratio Lower Upper

154 100

153 110.5 87.8 131.8

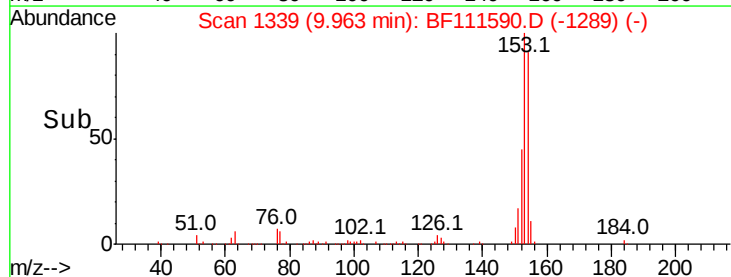
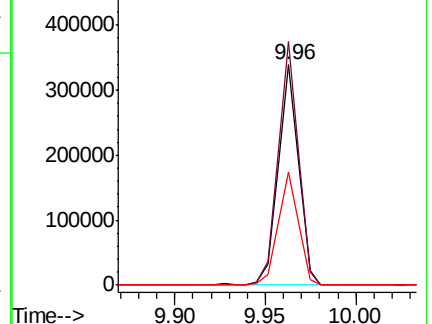
152 51.3 43.4 65.2

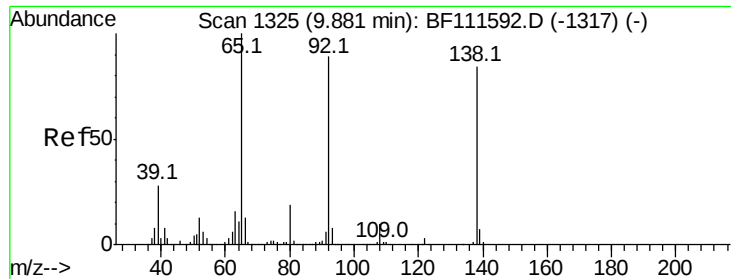


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

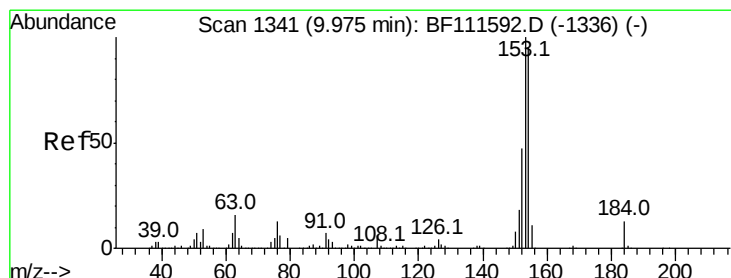
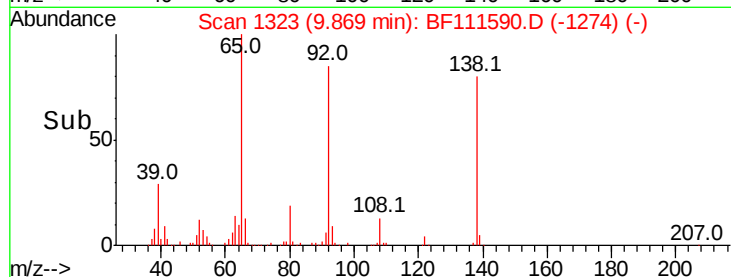
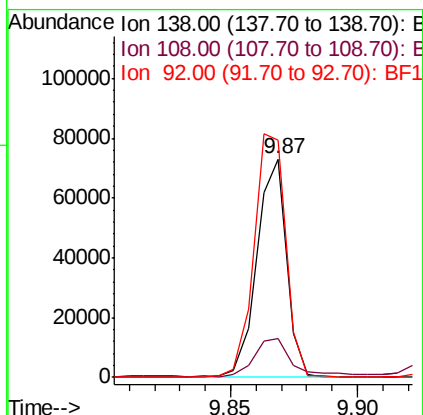
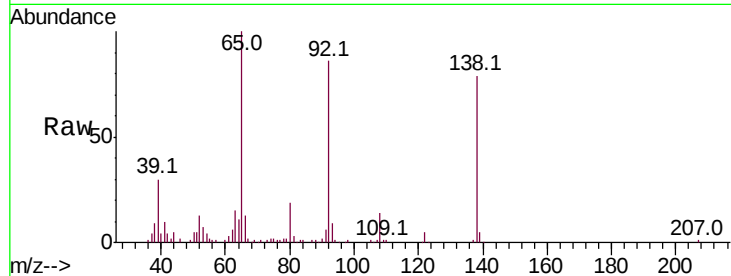




#53
3-Nitroaniline
Concen: 7.274 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

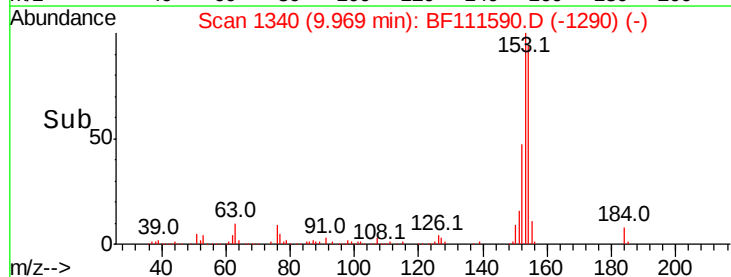
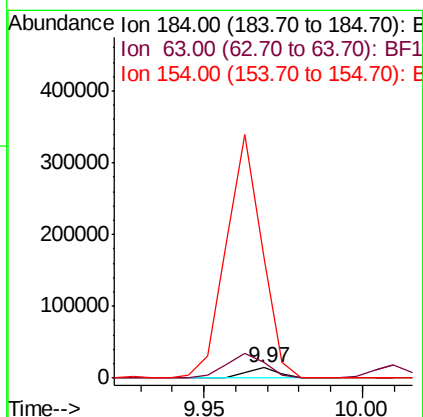
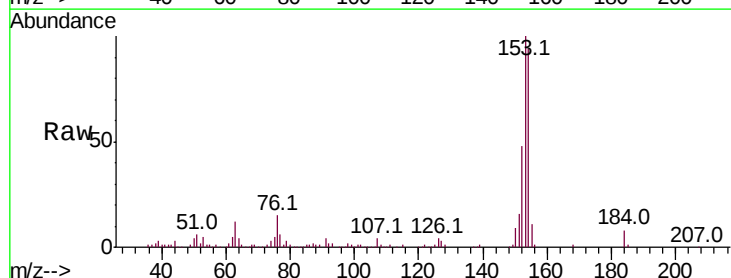
Instrument :
BNA_F
ClientSampleId :

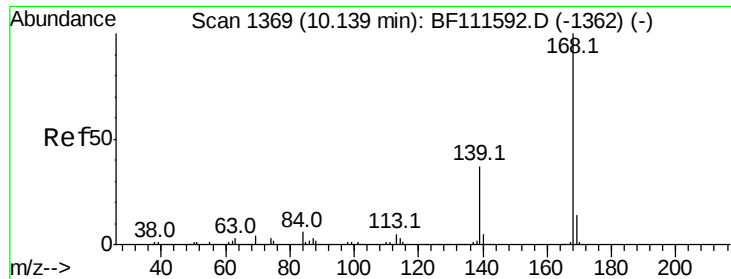
Tot Ion:138 Resp: 59908
Ion Ratio Lower Upper
138 100
108 17.8 8.2 12.4#
92 108.8 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 4.236 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion:184 Resp: 10927
Ion Ratio Lower Upper
184 100
63 150.1 62.3 93.5#
154 1198.9 56.2 84.2#

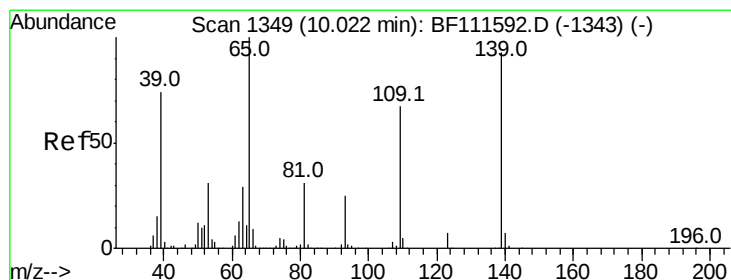
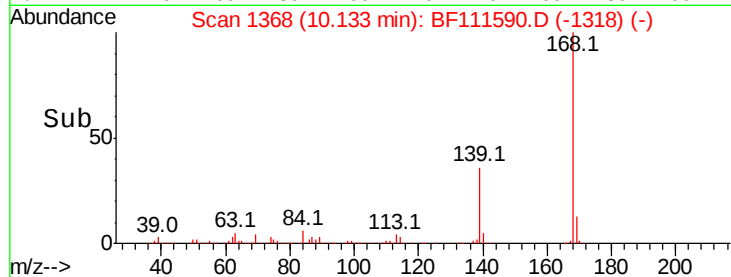
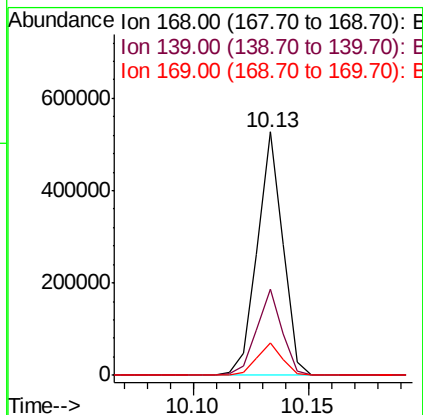
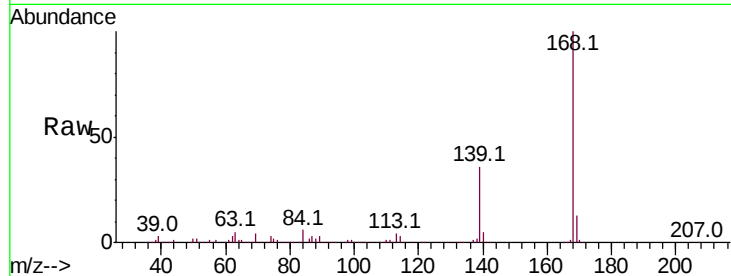




#55
Dibenzofuran
Concen: 11.138 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

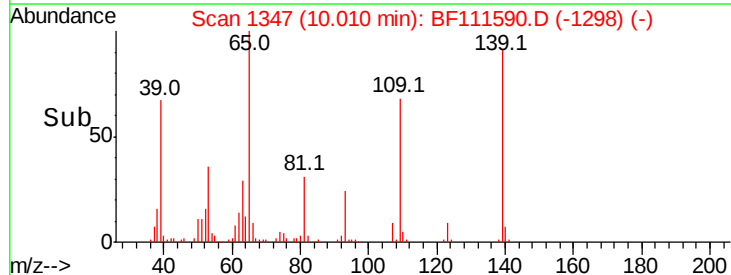
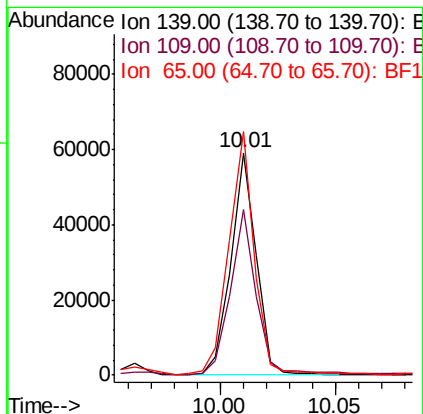
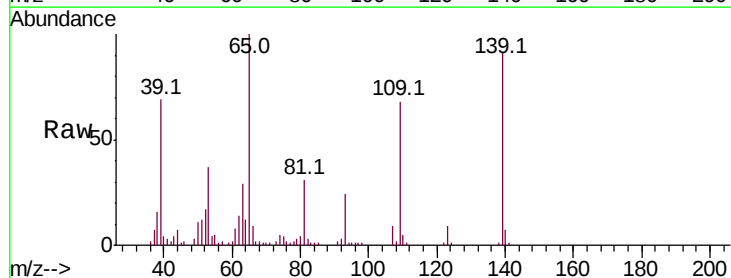
Instrument :
BNA_F
ClientSampleId :

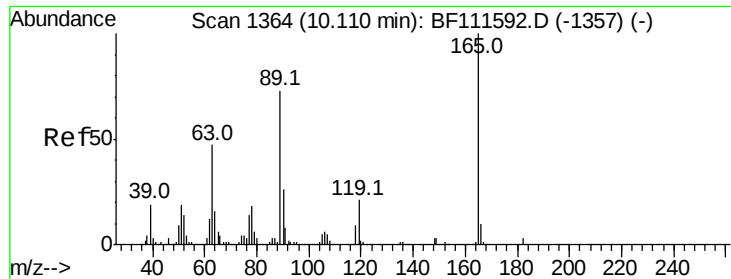
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	32.6	49.0
169	13.4	11.8	17.6



#56
4-Nitrophenol
Concen: 7.921 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.6	41.8	81.8
65	109.7	79.6	119.6





#57

2,4-Dinitrotoluene

Concen: 6.252 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 55643

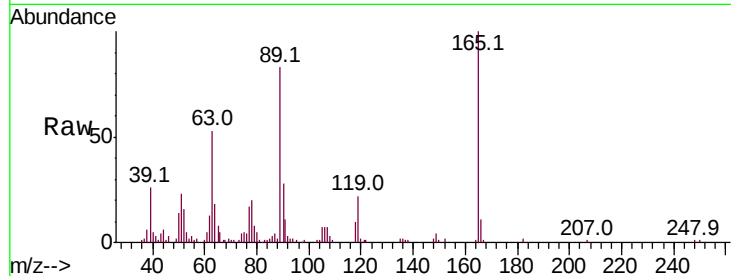
Ion Ratio Lower Upper

165 100

63 53.4 34.6 52.0#

89 82.8 56.2 84.4

182 2.3 1.8 2.6

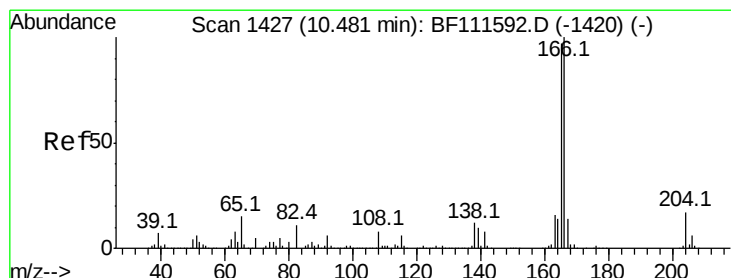
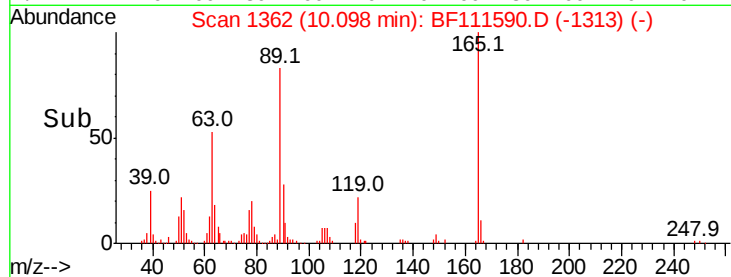
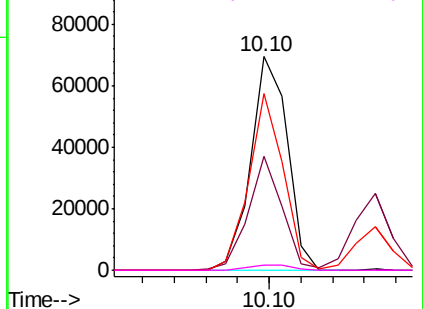


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.268 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

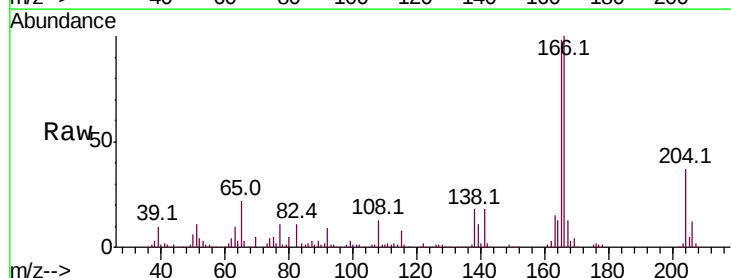
Tgt Ion:166 Resp: 299825

Ion Ratio Lower Upper

166 100

165 97.6 78.4 117.6

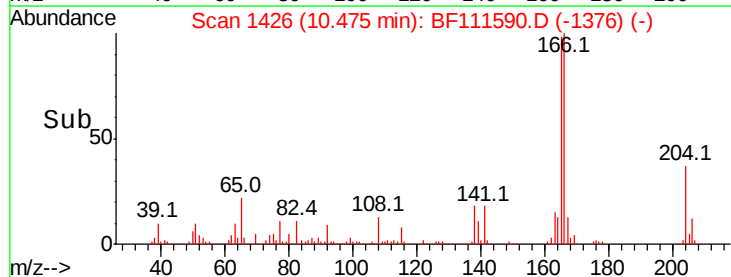
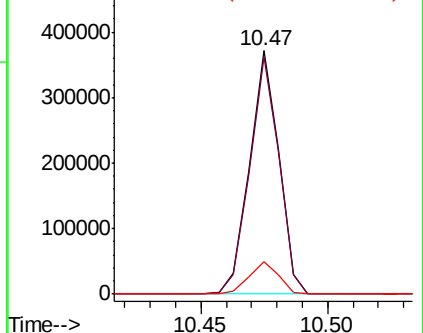
167 13.3 11.2 16.8

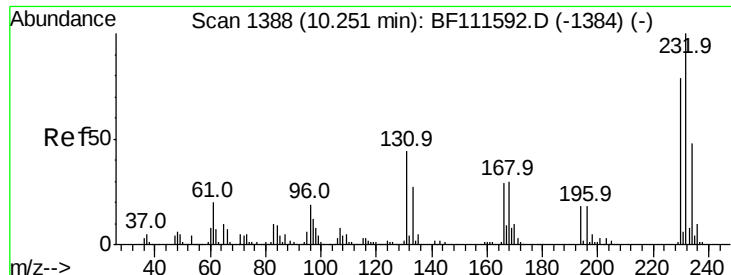


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

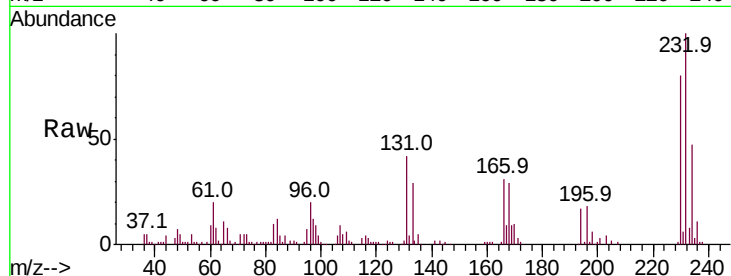




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 11.894 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	40.9	61.3
130	1.8	2.0	3.0
166	29.5	26.8	40.2



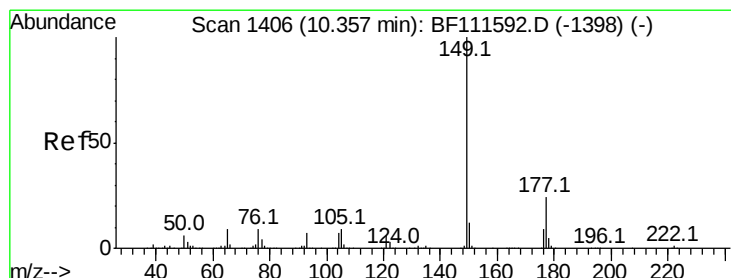
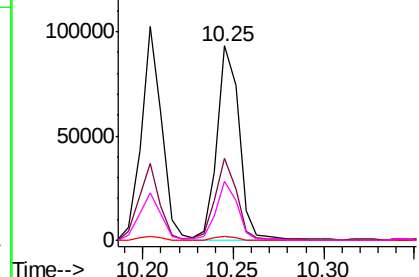
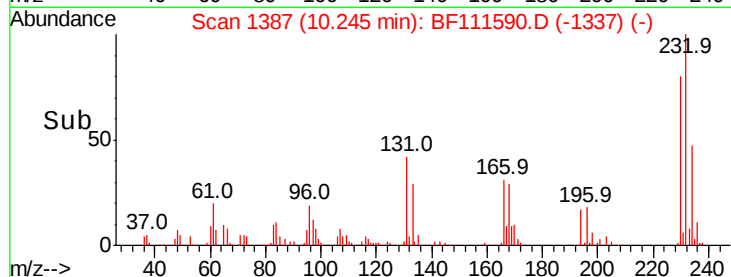
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

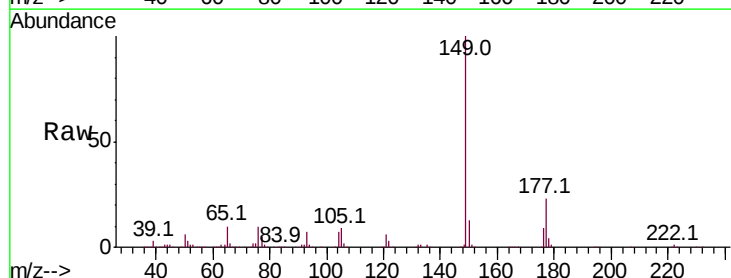
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 10.124 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.8	10.6	15.8

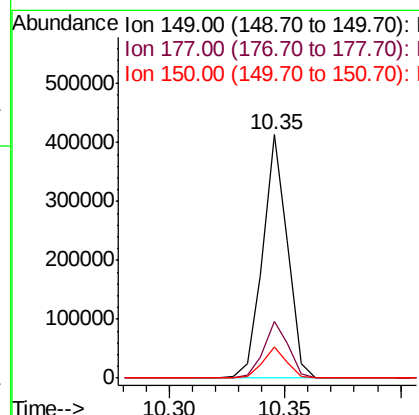
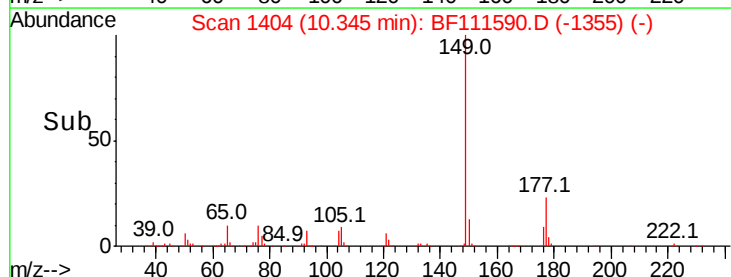


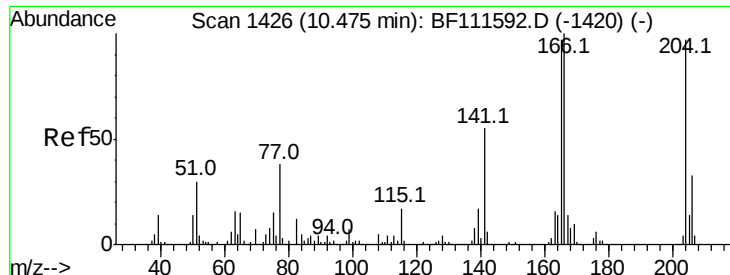
Abundance

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

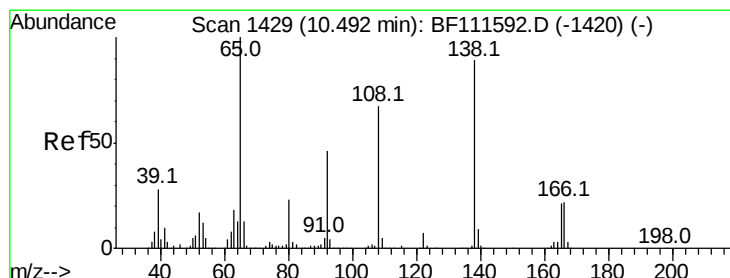
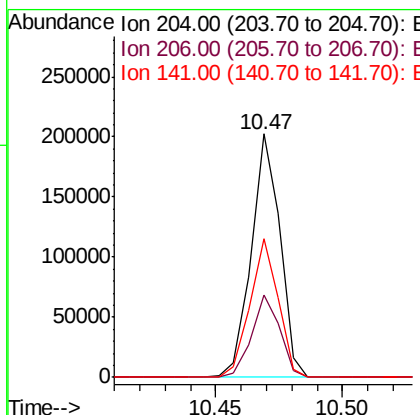
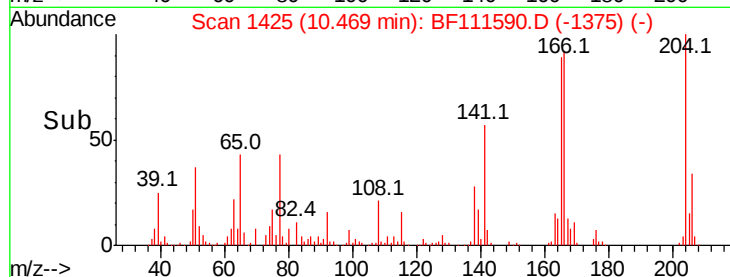
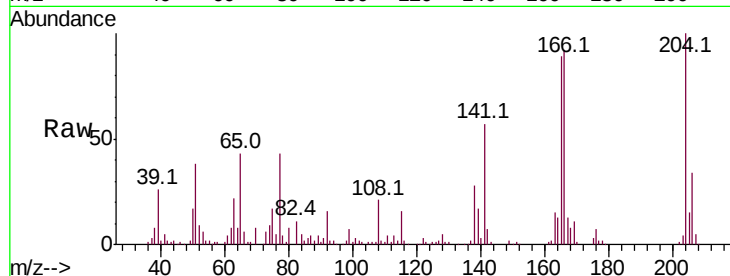




#61
 4-Chlorophenyl-phenylether
 Concen: 12.279 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

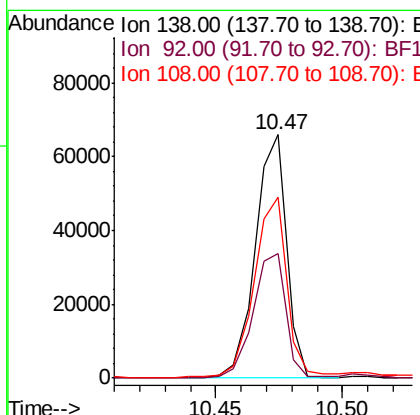
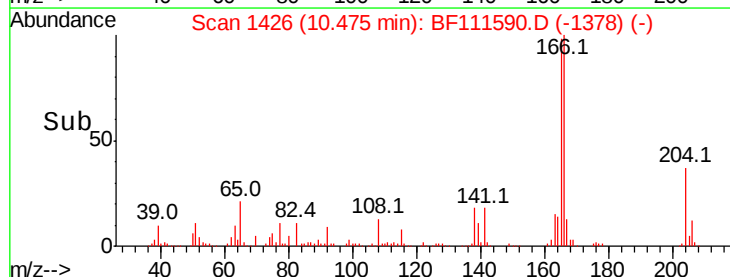
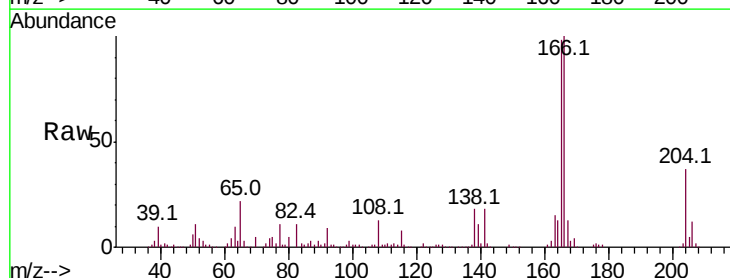
Instrument :
 BNA_F
 ClientSampled :

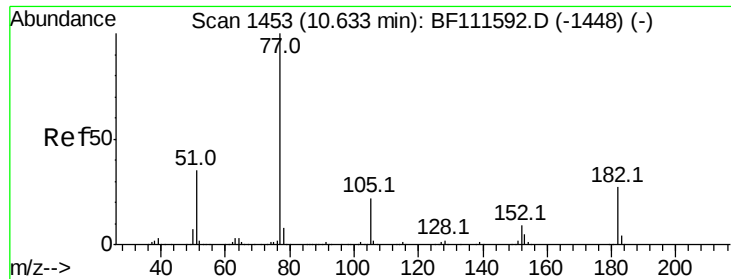
Tot Ion:204 Resp: 159864
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.6 39.8
 141 57.2 52.6 78.8



#62
 4-Nitroaniline
 Concen: 6.975 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Tgt Ion:138 Resp: 56869
 Ion Ratio Lower Upper
 138 100
 92 51.2 29.9 69.9
 108 74.5 43.2 83.2

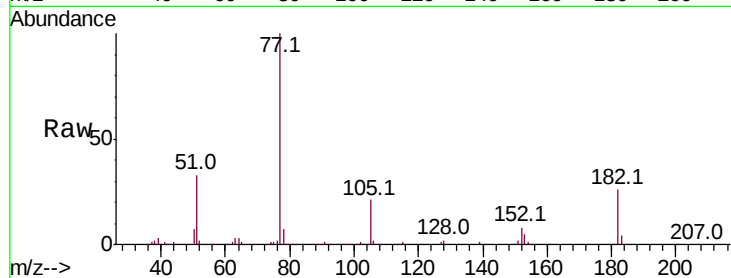




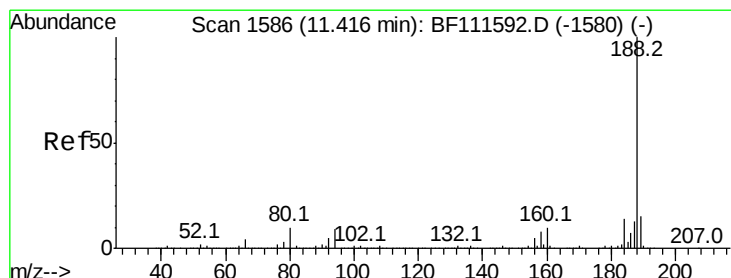
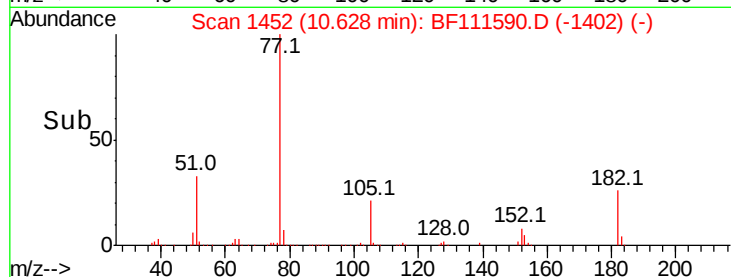
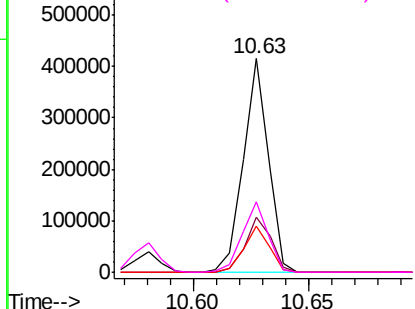
#63
Azobenzene
Concen: 10.440 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 314067
Ion Ratio Lower Upper
77 100
182 25.8 4.9 44.9
105 21.4 6.0 46.0
51 33.0 14.7 54.7

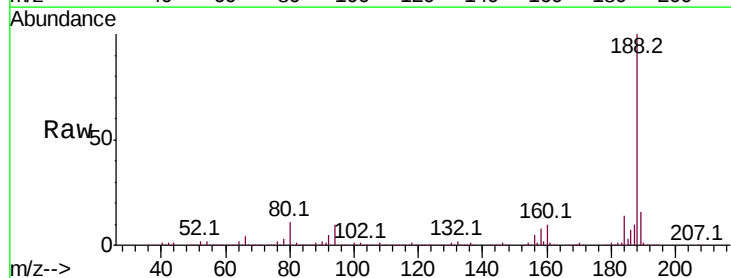


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

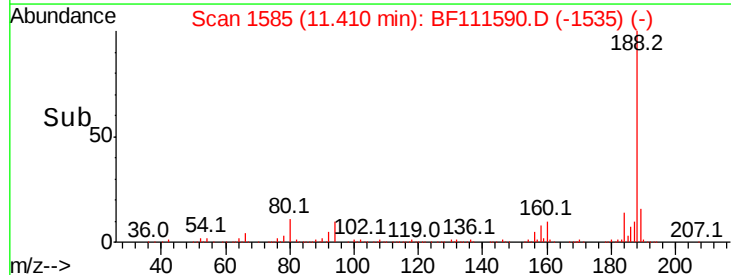
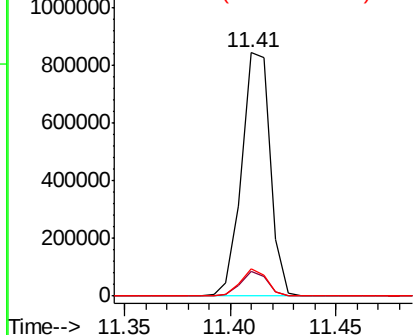


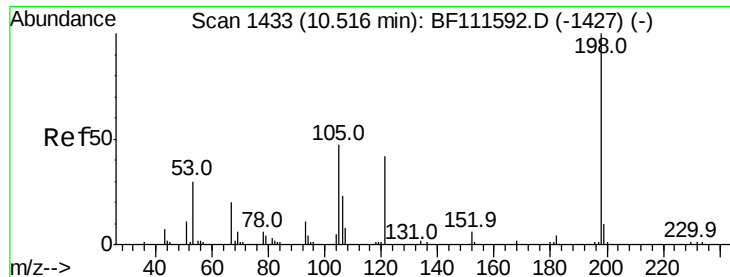
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion: 188 Resp: 793066
Ion Ratio Lower Upper
188 100
94 10.1 9.6 14.4
80 11.0 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: 4.197 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampled :

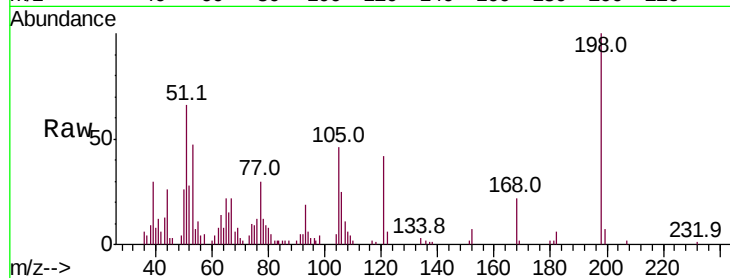
Tot Ion:198 Resp: 18791

Ion Ratio Lower Upper

198 100

51 65.8 48.0 88.0

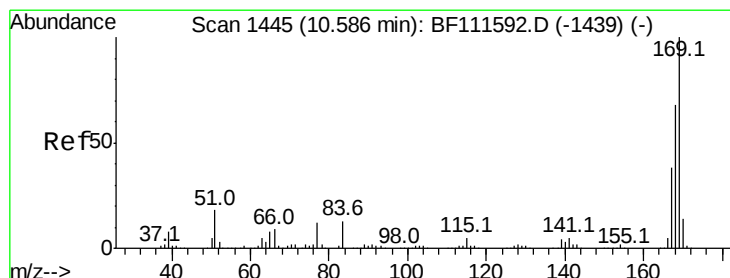
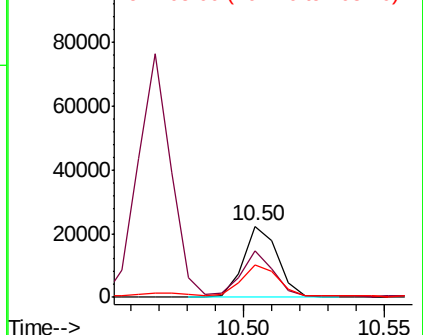
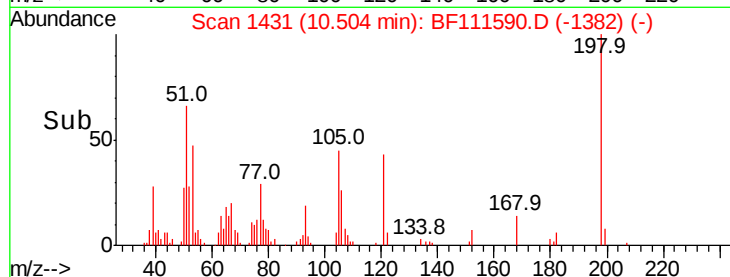
105 45.7 34.0 74.0



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: 10.270 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

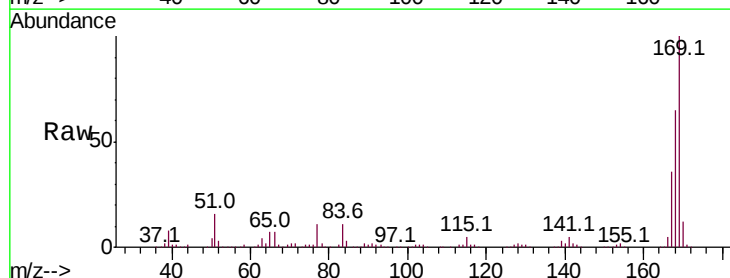
Tgt Ion:169 Resp: 280870

Ion Ratio Lower Upper

169 100

168 65.4 54.4 81.6

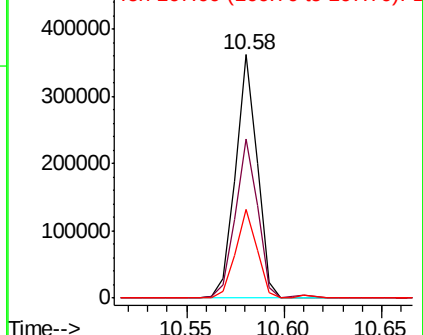
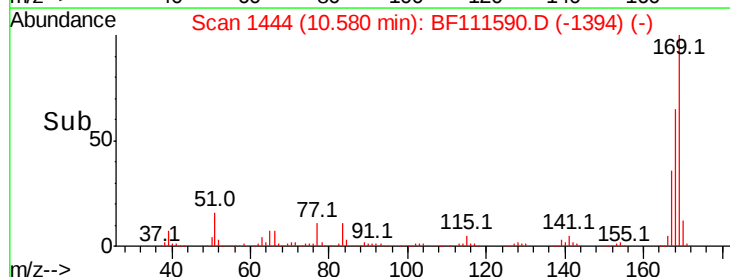
167 36.3 30.5 45.7

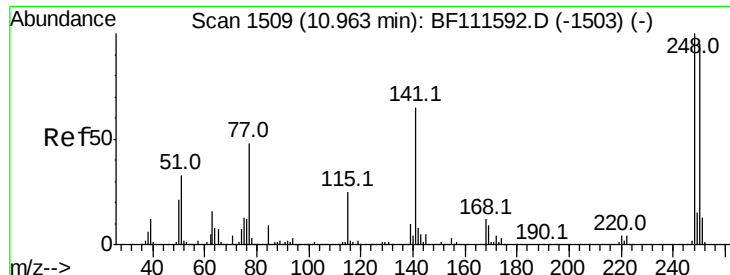


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

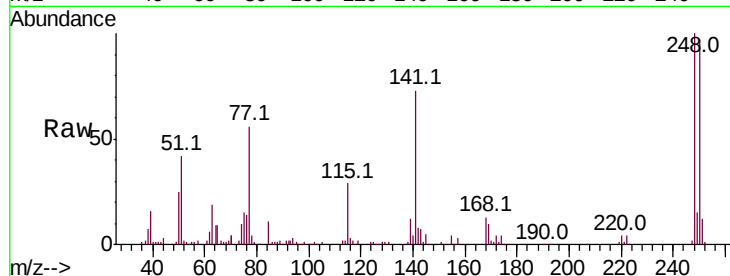




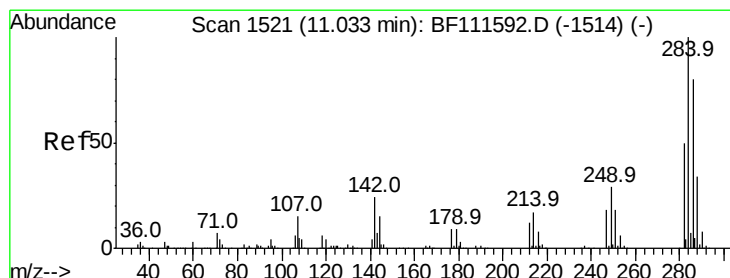
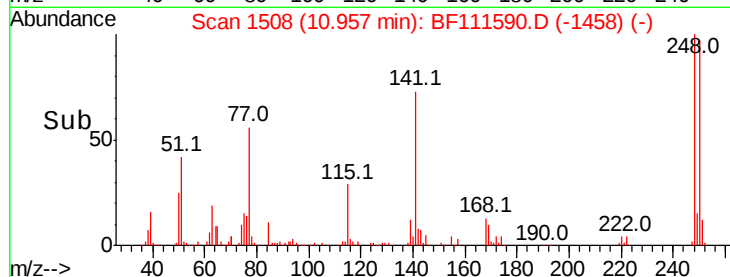
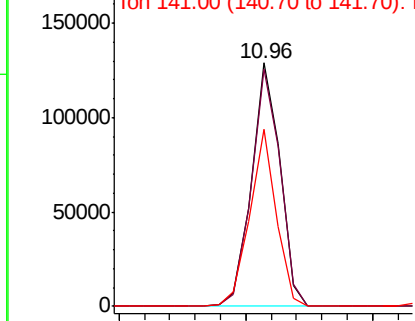
#67
4-Bromophenyl-phenylether
Concen: 11.808 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 100934
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.4
141 72.8 63.0 94.6

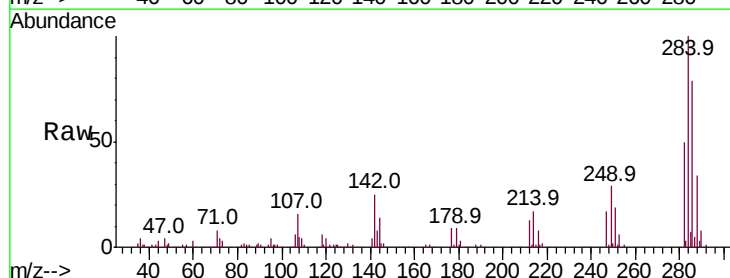


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

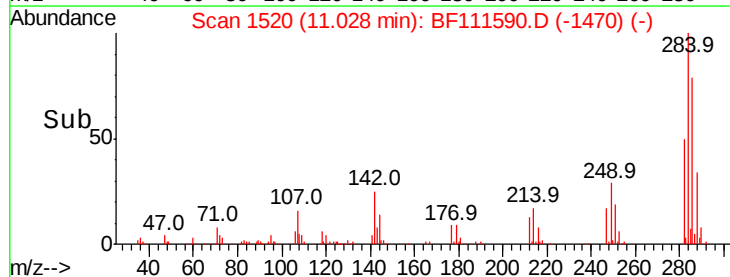
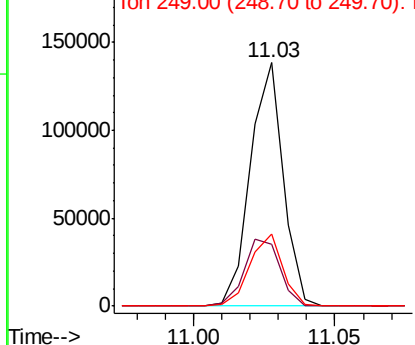


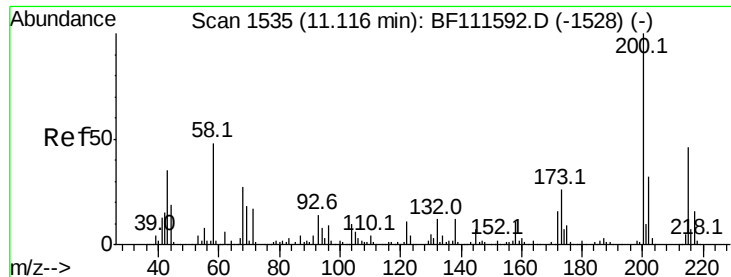
#68
Hexachlorobenzene
Concen: 12.731 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion:284 Resp: 111941
Ion Ratio Lower Upper
284 100
142 25.4 27.4 41.2#
249 29.4 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

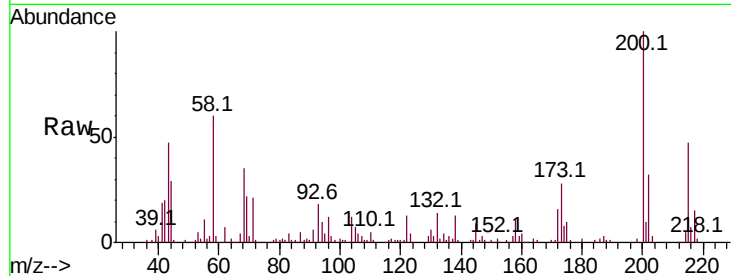




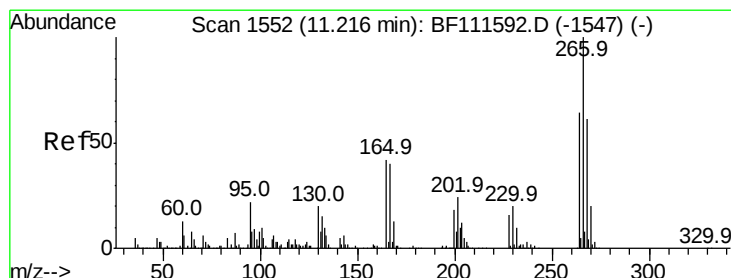
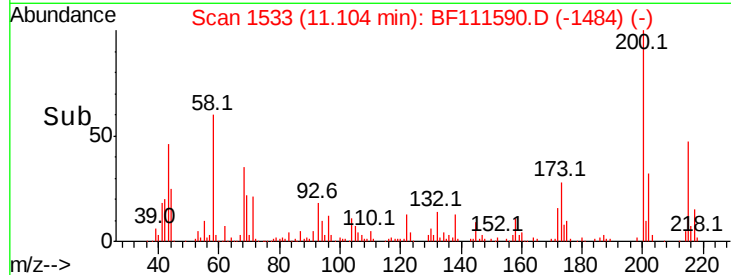
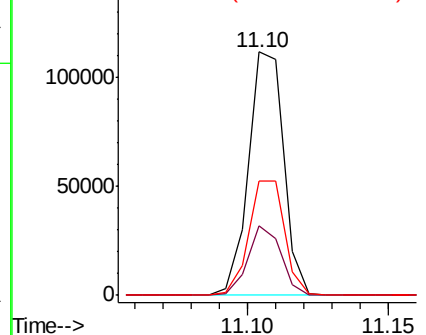
#69
 Atrazine
 Concen: 12.234 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	10.1	50.1
215	46.8	26.9	66.9

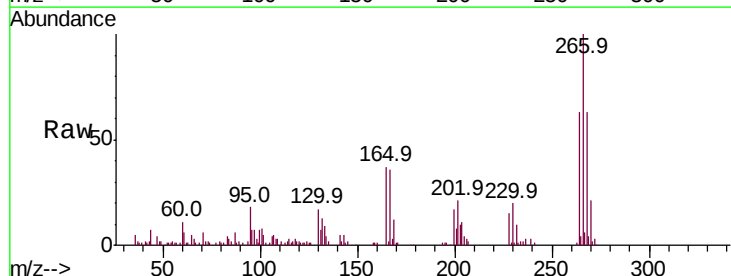


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

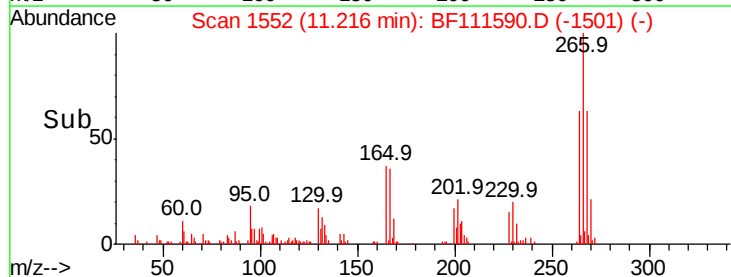
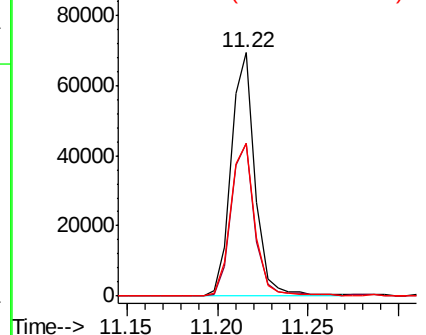


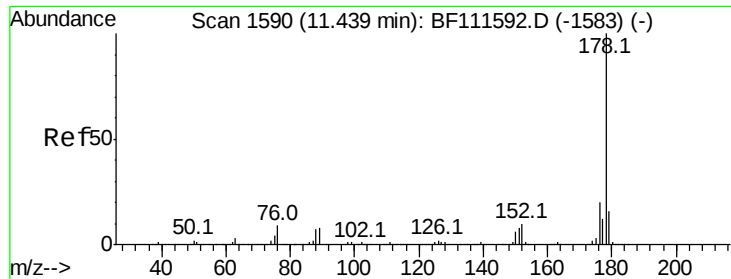
#70
 Pentachlorophenol
 Concen: 11.838 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	47.9	71.9
264	62.7	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

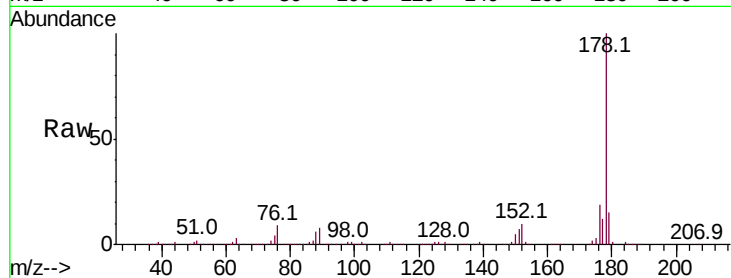




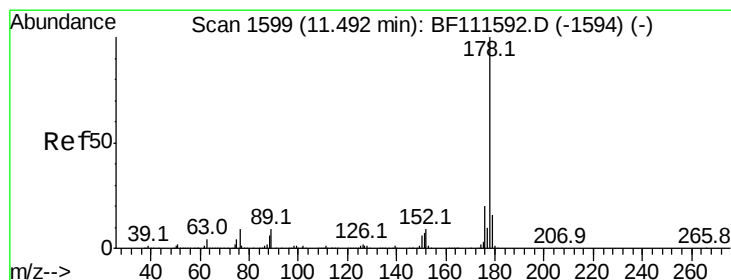
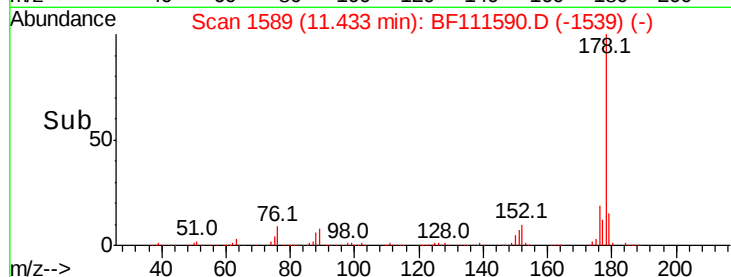
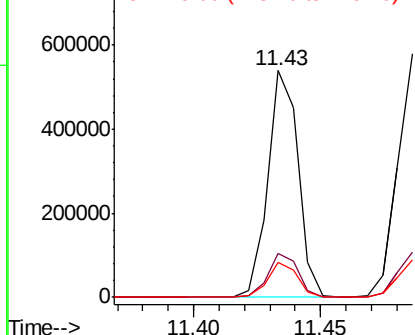
#71
 Phenanthrene
 Concen: 11.048 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 451470
 Ion Ratio Lower Upper
 178 100
 176 19.2 18.1 27.1
 179 15.2 14.0 21.0

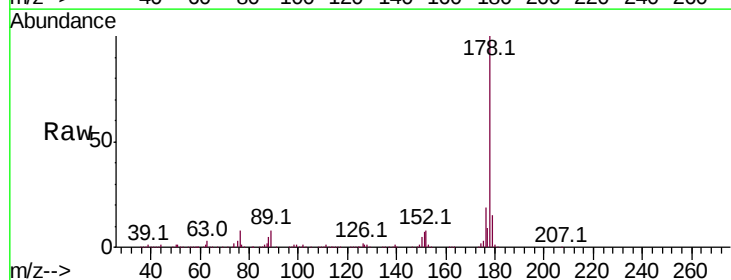


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

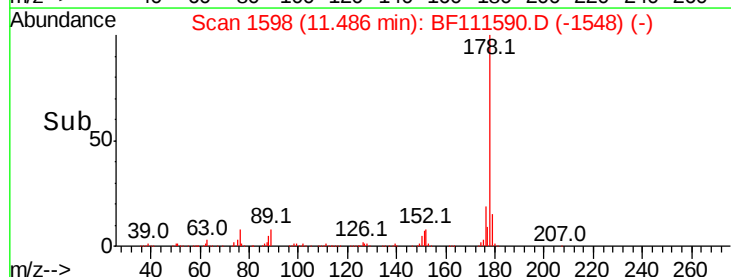
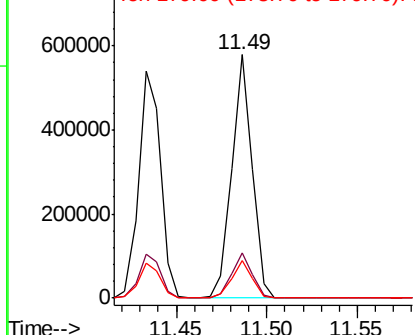


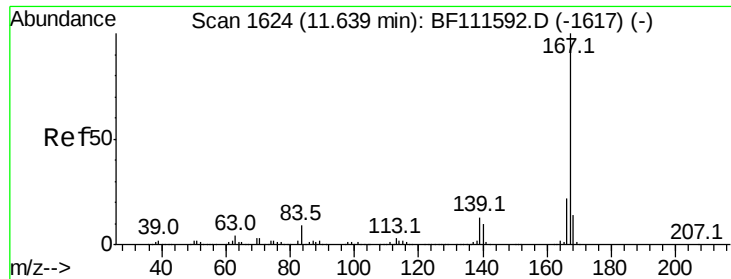
#72
 Anthracene
 Concen: 10.862 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Tgt Ion:178 Resp: 453964
 Ion Ratio Lower Upper
 178 100
 176 18.7 17.2 25.8
 179 15.3 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

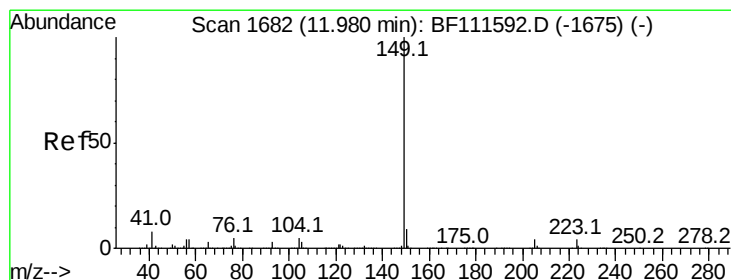
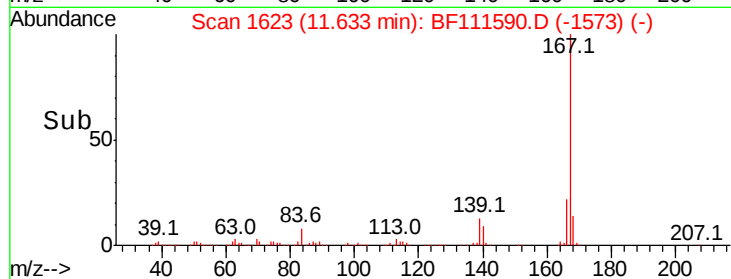
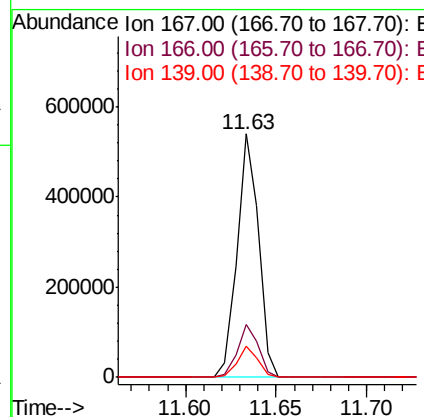
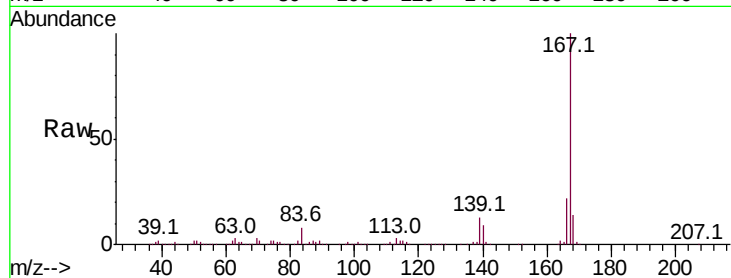




#73
 Carbazole
 Concen: 10.257 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

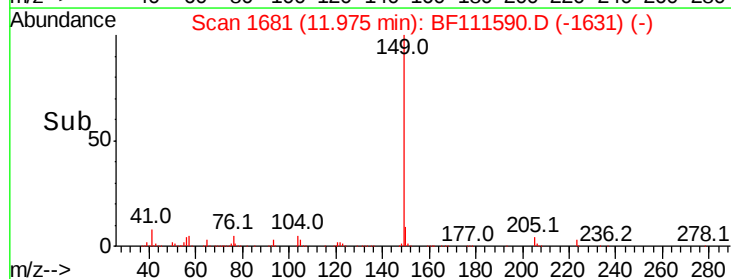
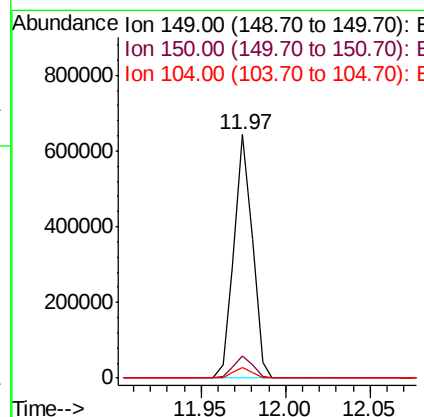
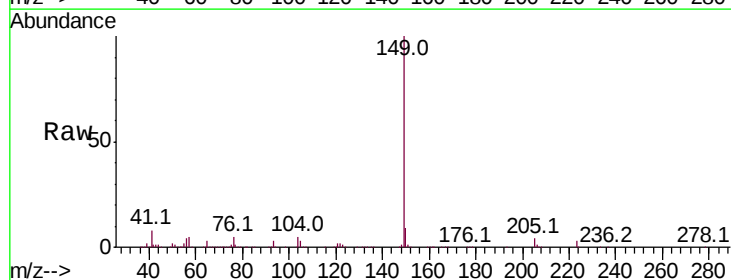
Instrument :
 BNA_F
 ClientSampleId :

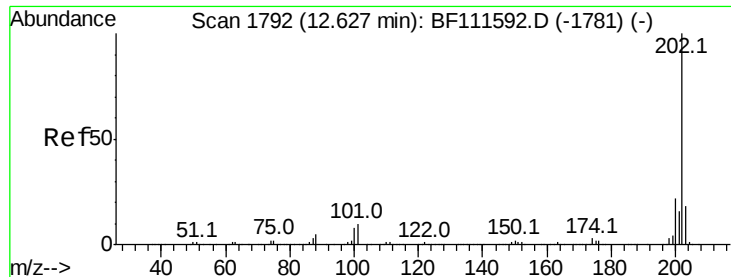
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	19.3	28.9
139	12.5	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 10.134 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.8	13.2
104	4.6	4.5	6.7

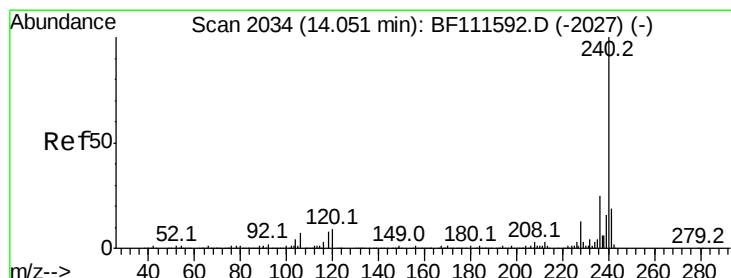
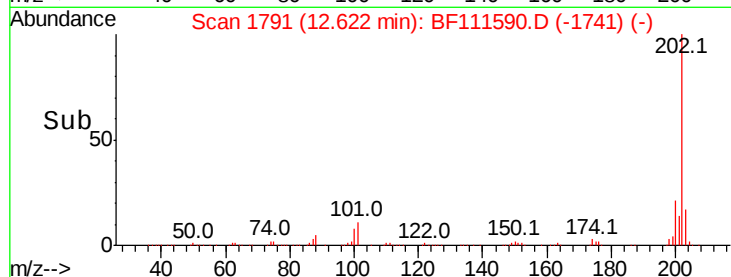
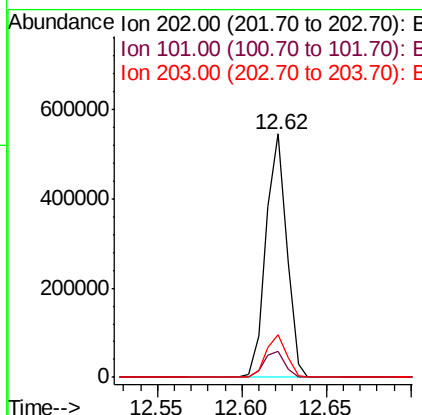
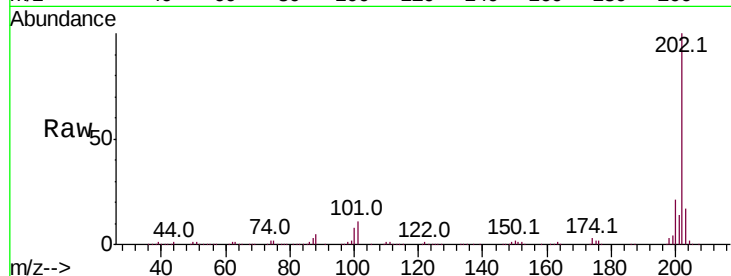




#75
 Fluoranthene
 Concen: 11.663 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

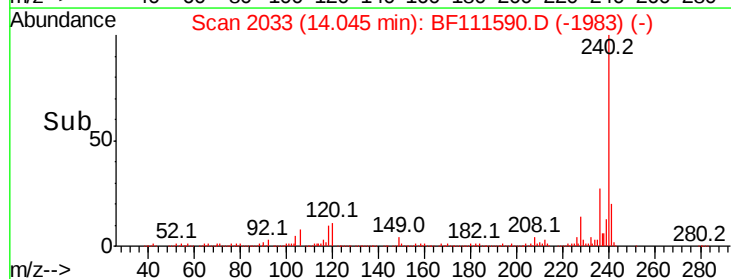
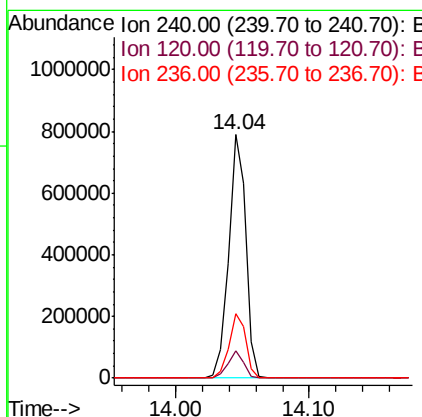
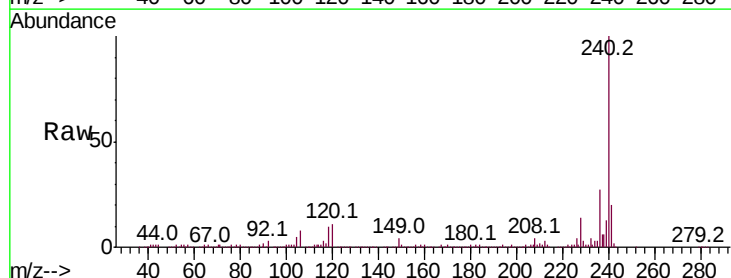
Instrument :
 BNA_F
 ClientSampleId :

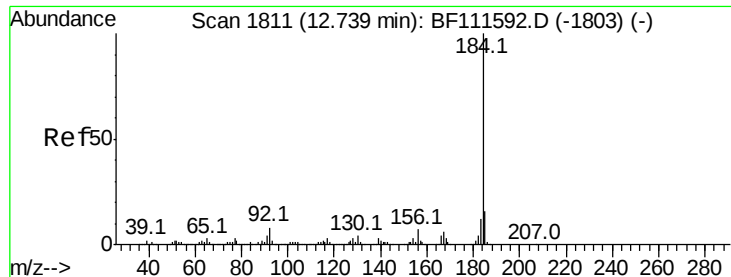
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.8
203	17.3	0.0	38.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111590.D
 Acq: 19 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	12.2	18.2#
236	26.7	20.2	30.2





#77

Benzidine

Concen: 10.813 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

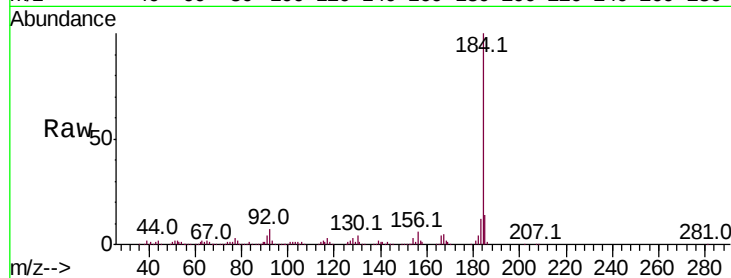
Tot Ion:184 Resp: 283780

Ion Ratio Lower Upper

184 100

185 14.1 13.0 19.6

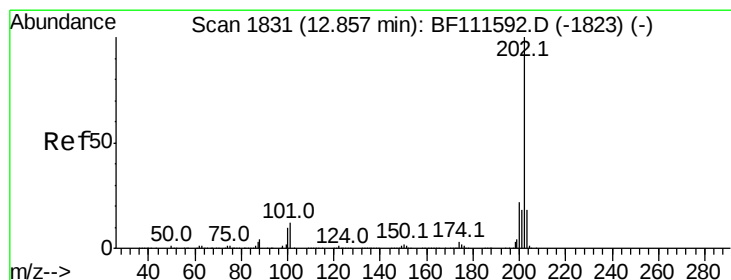
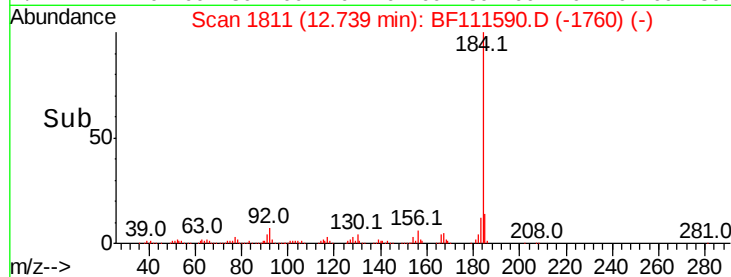
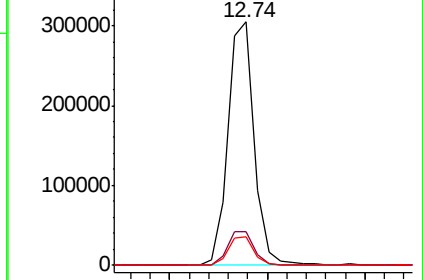
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 9.504 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

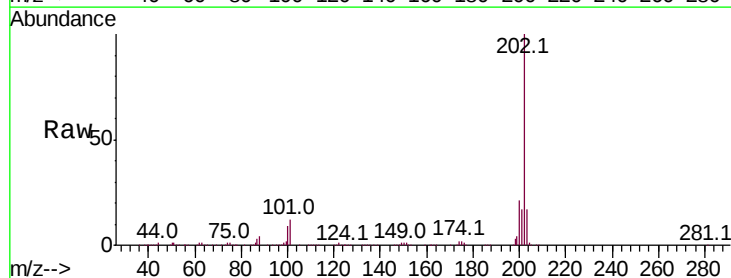
Tgt Ion:202 Resp: 478379

Ion Ratio Lower Upper

202 100

200 21.1 19.0 28.4

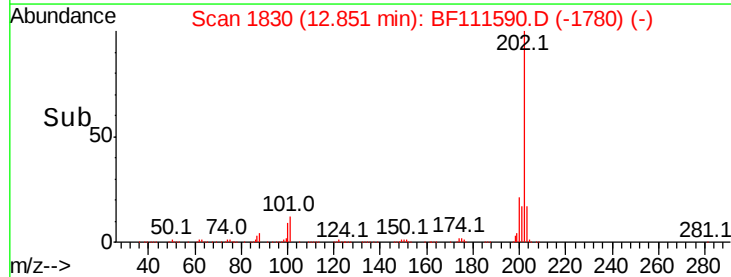
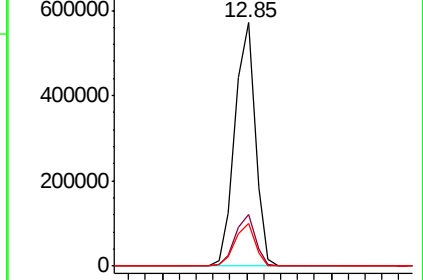
203 17.4 15.2 22.8

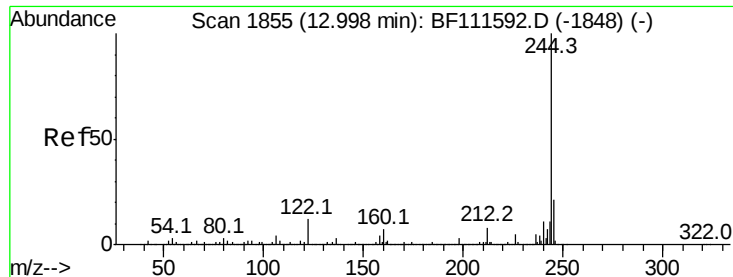


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 25.520 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

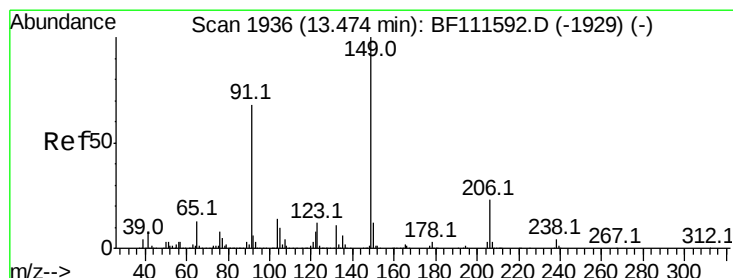
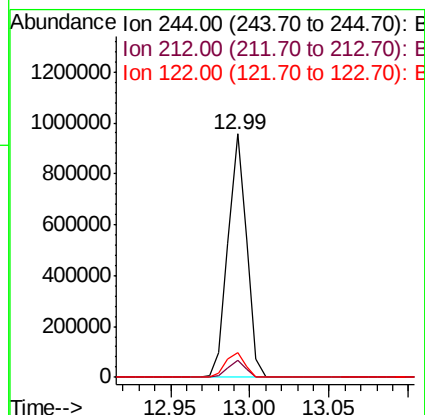
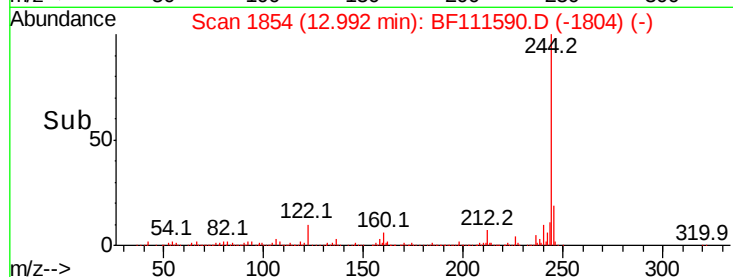
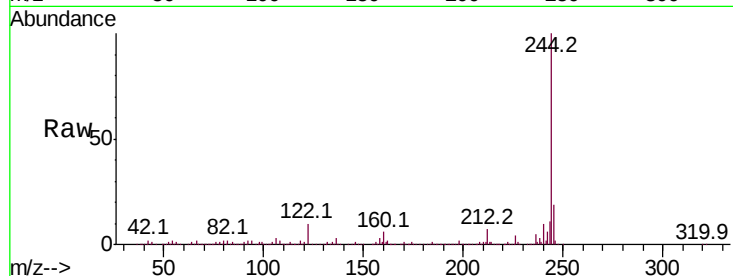
Tot Ion:244 Resp: 775884

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.4 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 7.781 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

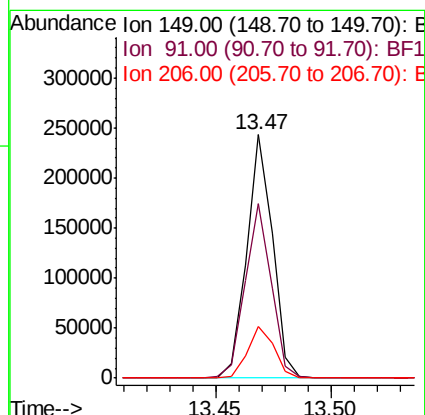
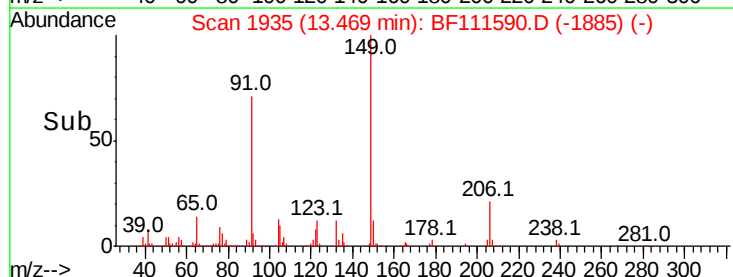
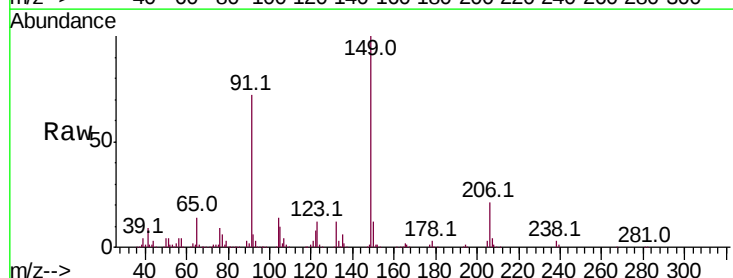
Tgt Ion:149 Resp: 190898

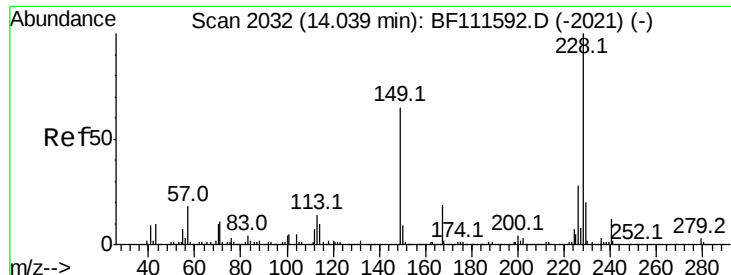
Ion Ratio Lower Upper

149 100

91 71.6 63.8 95.6

206 21.3 15.1 22.7

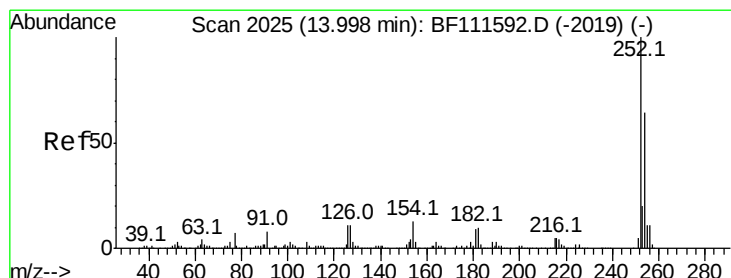
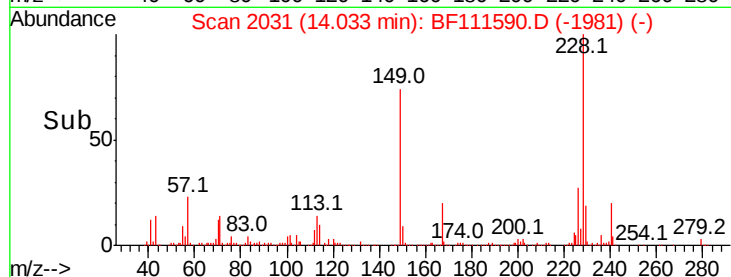
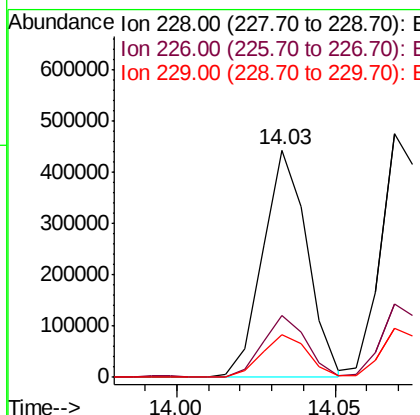
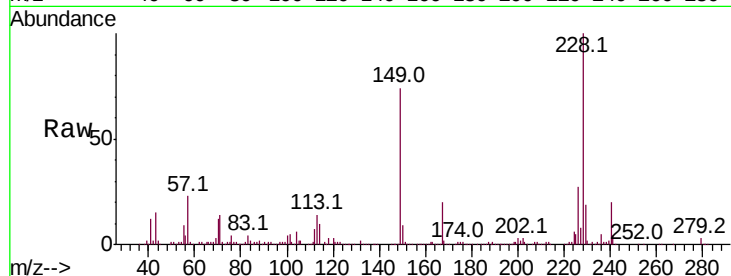




#81
Benzo(a)anthracene
Concen: 11.076 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

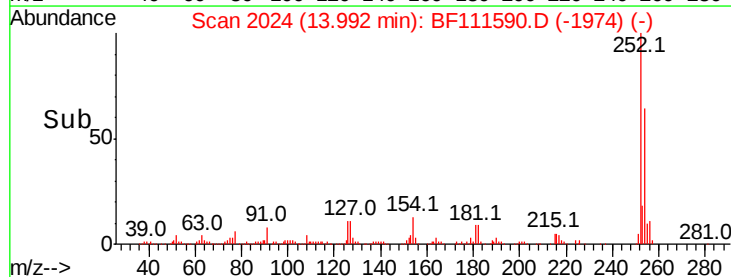
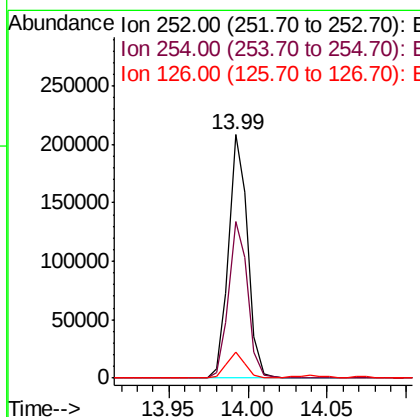
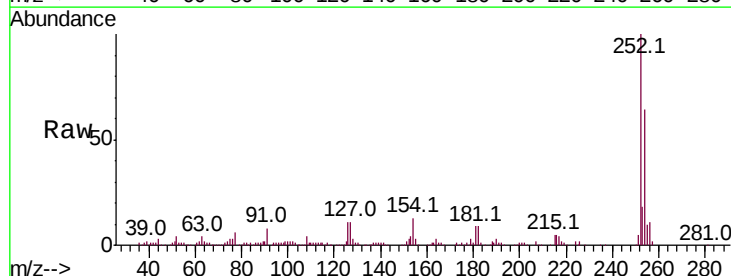
Instrument :
BNA_F
ClientSampleId :

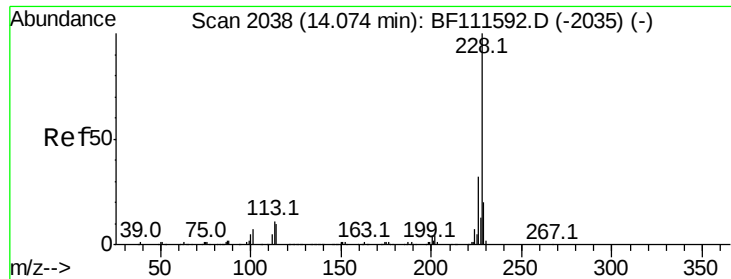
Tot Ion:228 Resp: 429942
Ion Ratio Lower Upper
228 100
226 27.1 22.6 34.0
229 18.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 10.974 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion:252 Resp: 173183
Ion Ratio Lower Upper
252 100
254 64.1 52.7 79.1
126 10.8 11.1 16.7#





#83

Chrysene

Concen: 10.115 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

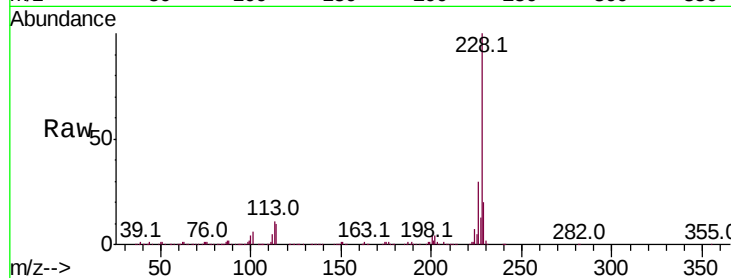
Tot Ion:228 Resp: 413632

Ion Ratio Lower Upper

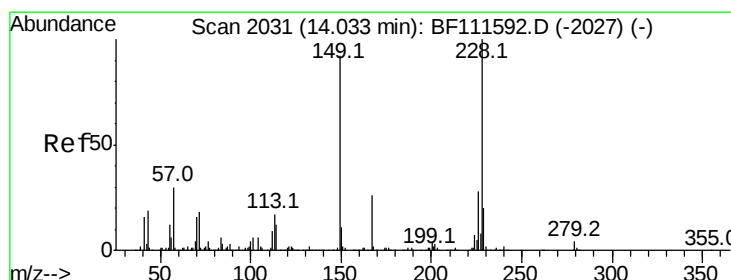
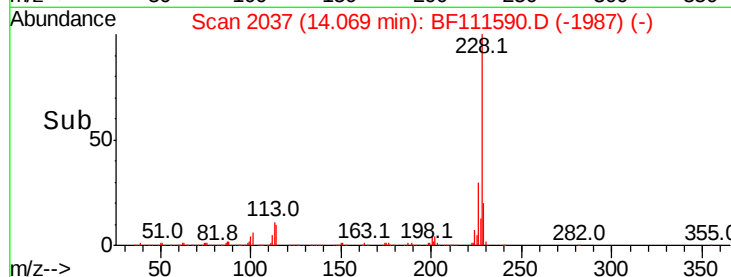
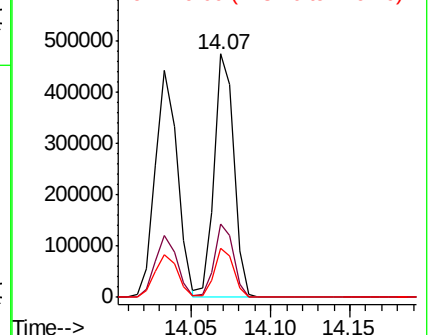
228 100

226 30.3 25.3 37.9

229 20.3 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: 8.310 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111590.D

Acq: 19 Dec 2018 14:38

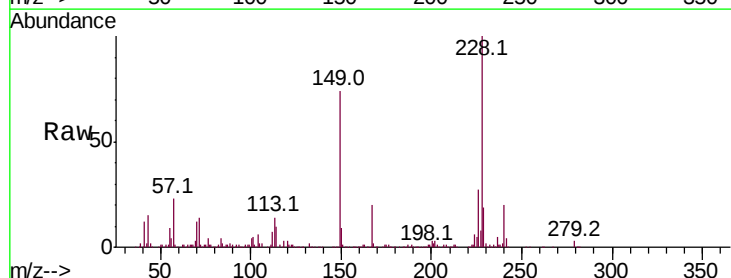
Tgt Ion:149 Resp: 260415

Ion Ratio Lower Upper

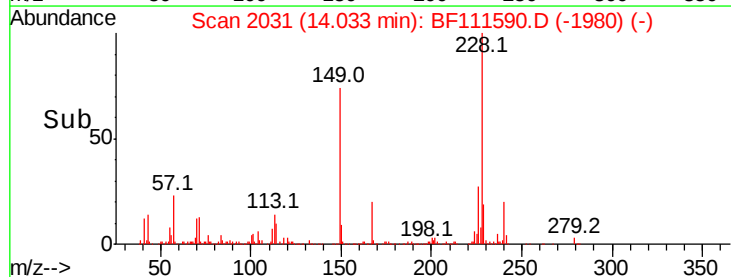
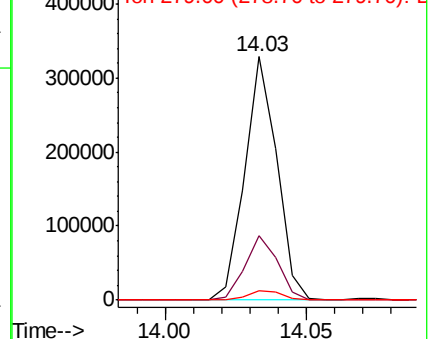
149 100

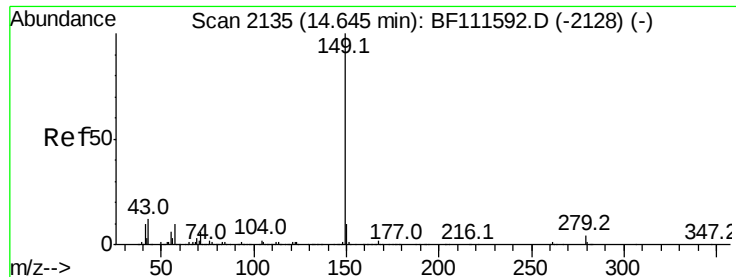
167 26.5 22.5 33.7

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

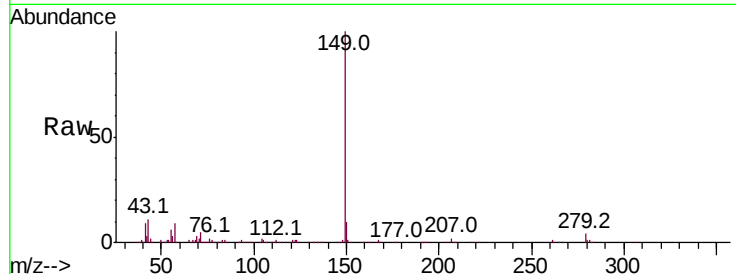




#85
Di-n-octyl phthalate
Concen: 7.691 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.8	10.9	16.3

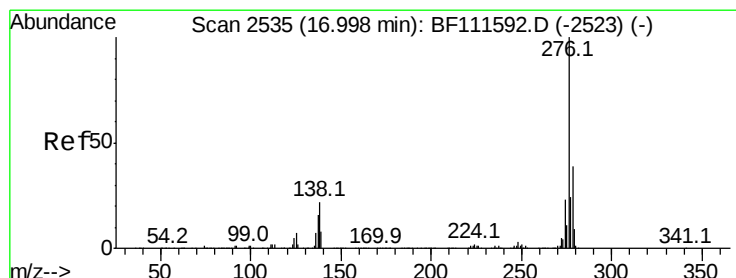
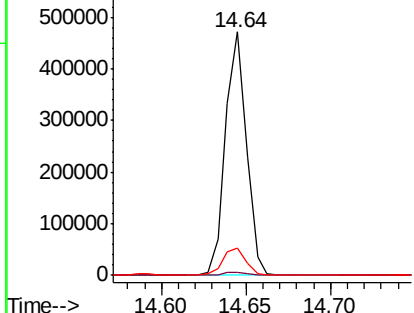
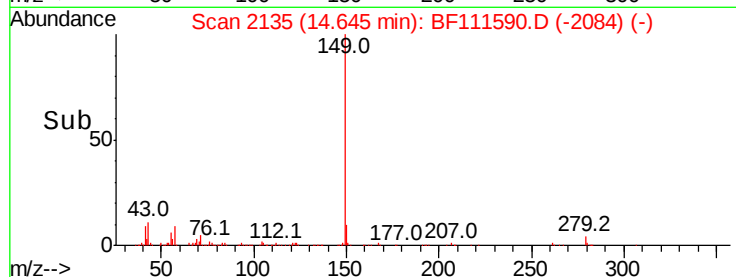


Abundance

Ion 149.00 (148.70 to 149.70): E

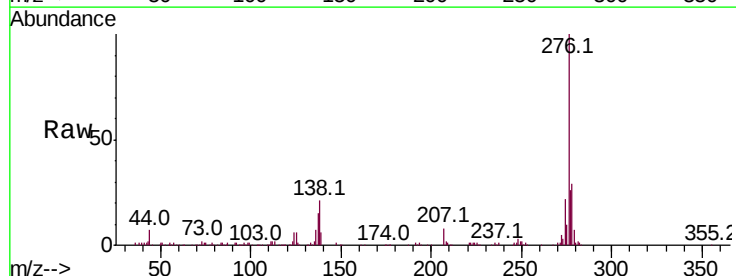
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 9.851 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	27.8	41.6#
277	25.5	20.1	30.1

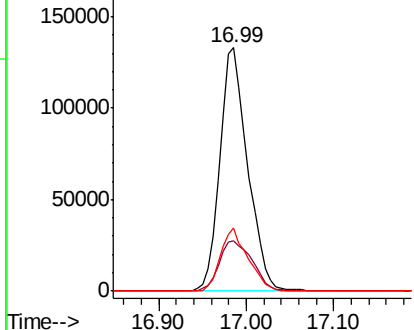
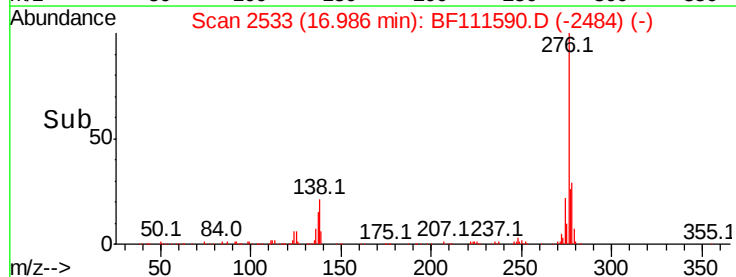


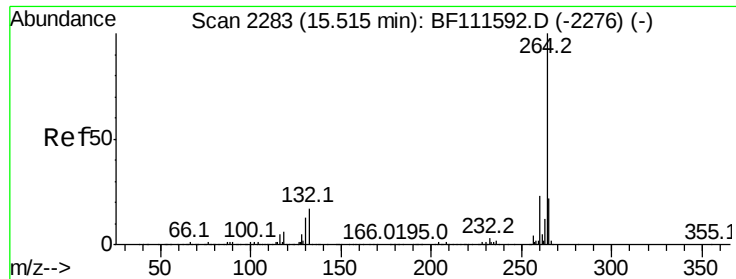
Abundance

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

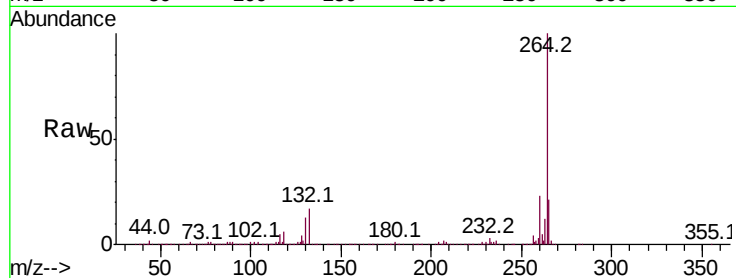




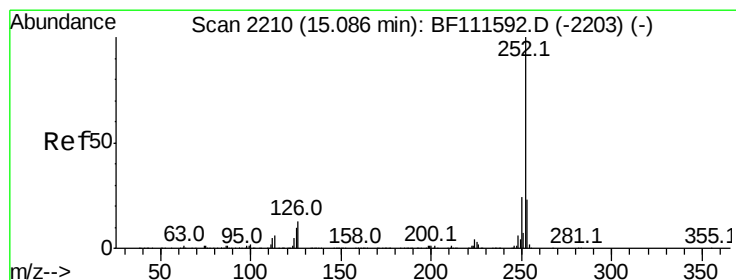
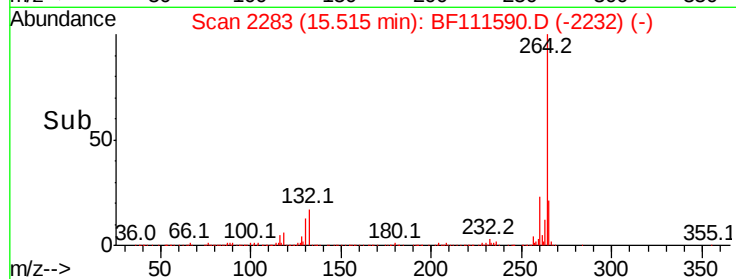
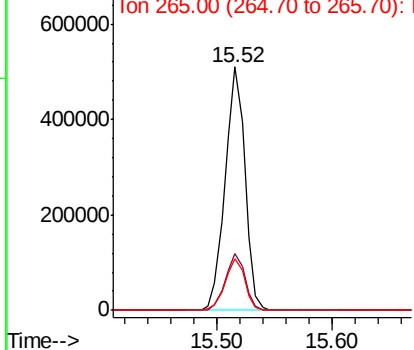
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.1	17.7	26.5

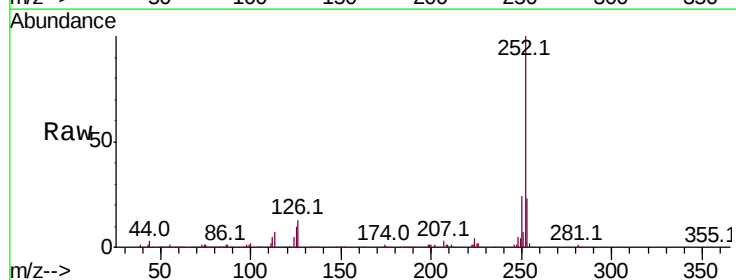


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

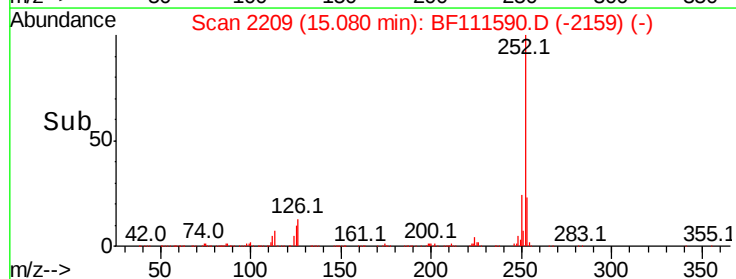
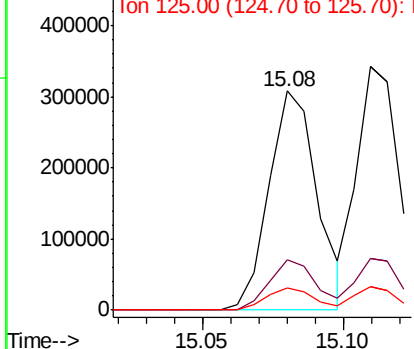


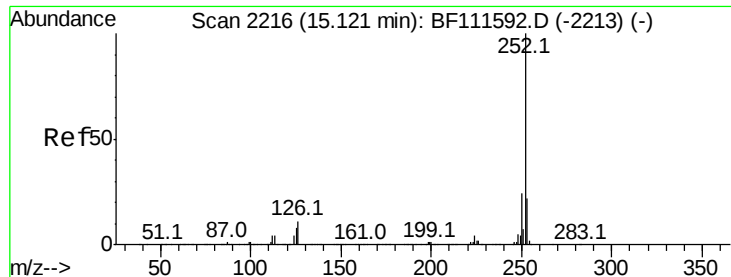
#88
Benzo(b)fluoranthene
Concen: 10.328 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.0	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

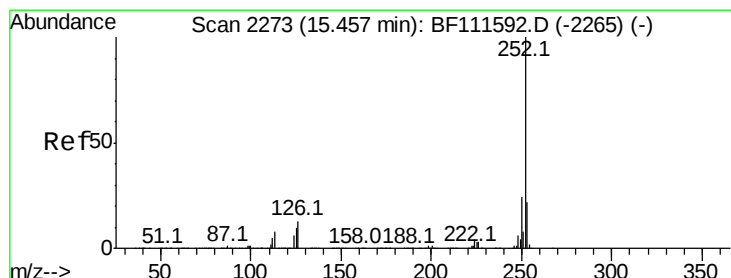
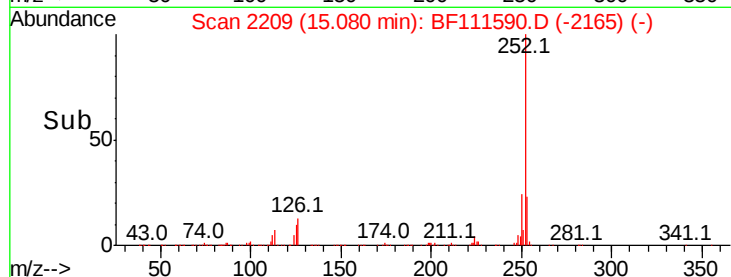
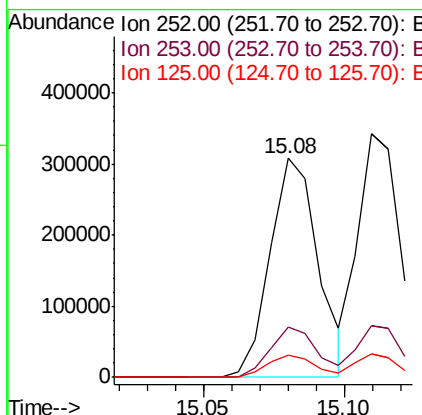
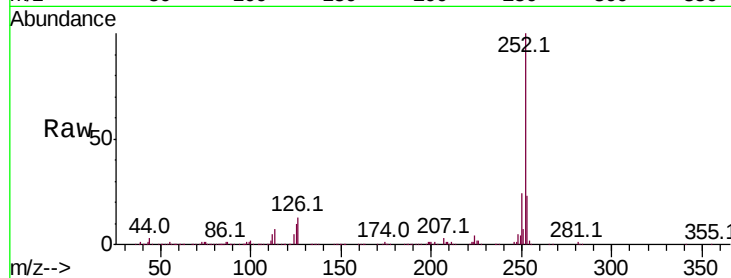




#89
Benzo(k)fluoranthene
Concen: 10.809 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

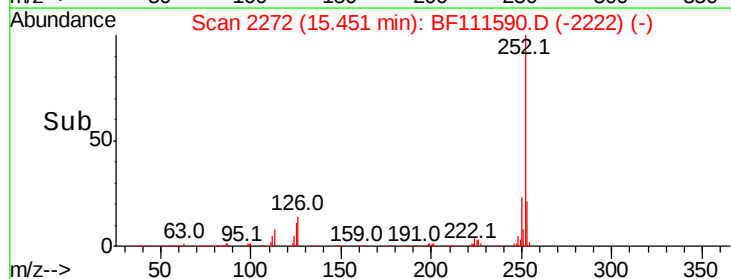
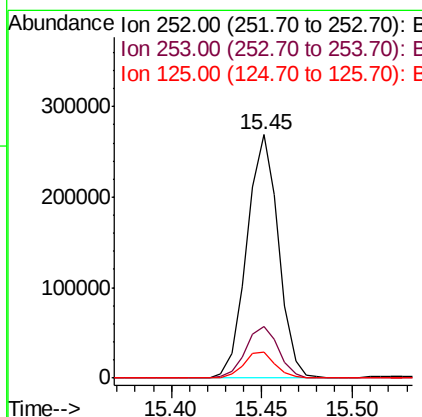
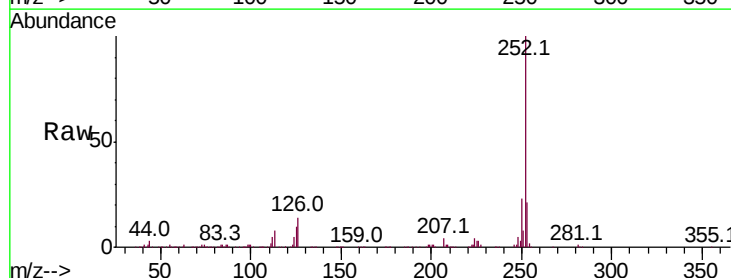
Instrument :
BNA_F
ClientSampleId :

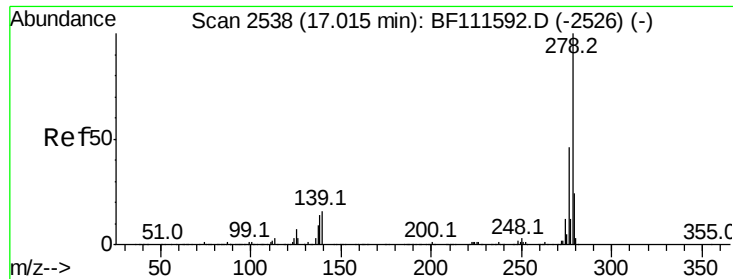
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.0	9.8	14.8



#90
Benzo(a)pyrene
Concen: 10.189 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	10.5	12.3	18.5

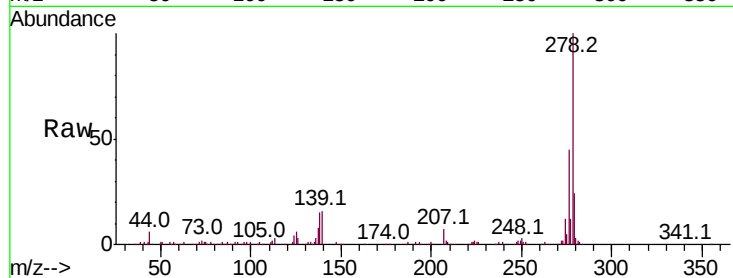




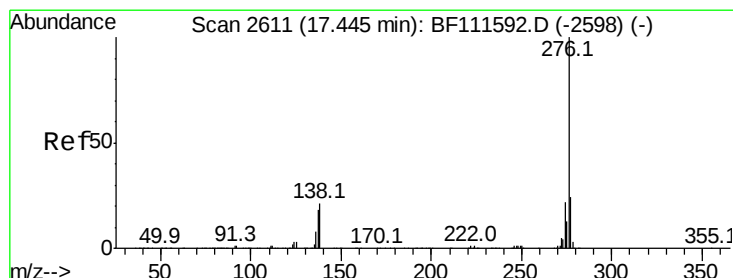
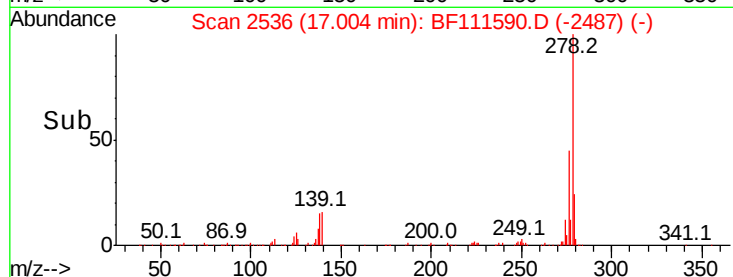
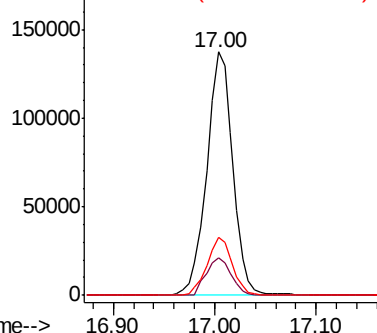
#91
Dibenzo(a,h)anthracene
Concen: 9.760 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	18.2	27.4#
279	24.0	19.0	28.6

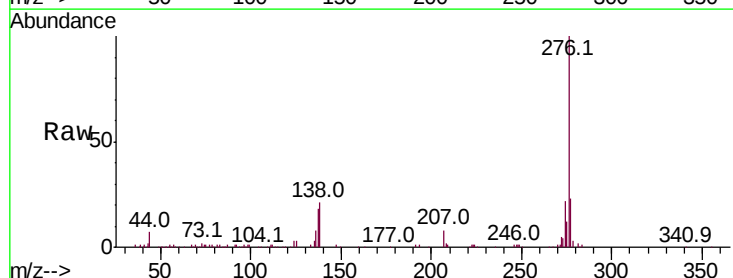


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.305 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.02 min
Lab File: BF111590.D
Acq: 19 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.2	28.8
138	21.2	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

