

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110293.D
 Acq On : 30 Oct 2018 7:15
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 07:40:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	79003	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	300571	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	123285	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	207204	20.00	ng	0.00
76) Chrysene-d12	14.16	240	142983	20.00	ng	0.00
87) Perylene-d12	15.69	264	108035	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	394123	81.24	ng	0.00
7) Phenol-d6	6.60	99	461510	74.37	ng	0.00
23) Nitrobenzene-d5	7.54	82	417187	82.33	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	72375	59.26	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	741112	94.39	ng	0.00
79) Terphenyl-d14	13.09	244	641453	93.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	102016	40.136	ng	93
3) Pyridine	3.59	79	215598	38.083	ng	87
4) n-Nitrosodimethylamine	3.55	42	95549	40.284	ng	92
6) Aniline	6.63	93	311682	38.558	ng	# 54
8) 2-Chlorophenol	6.76	128	213487	38.169	ng	99
9) Benzaldehyde	6.53	77	144147	40.000	ng	95
10) Phenol	6.61	94	266991	40.252	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	210397	38.554	ng	96
12) 1,3-Dichlorobenzene	6.92	146	248490	40.370	ng	96
13) 1,4-Dichlorobenzene	6.99	146	251867	40.459	ng	98
14) 1,2-Dichlorobenzene	7.15	146	231129	39.994	ng	98
15) Benzyl Alcohol	7.11	79	176635	37.010	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	321648	36.864	ng	69
17) 2-Methylphenol	7.22	107	165462	37.119	ng	# 81
18) Hexachloroethane	7.48	117	57591	25.268	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	147231	36.984	ng	96
20) 3+4-Methylphenols	7.37	107	209254	36.316	ng	98
22) Acetophenone	7.38	105	294403	42.508	ng	99
24) Nitrobenzene	7.56	77	210206	40.178	ng	93
25) Isophorone	7.79	82	330524	38.263	ng	97
26) 2-Nitrophenol	7.87	139	54376	21.841	ng	92
27) 2,4-Dimethylphenol	7.90	122	155261	37.614	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	239374	40.792	ng	99
29) 2,4-Dichlorophenol	8.11	162	152303	36.522	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	191293	40.952	ng	97
31) Naphthalene	8.28	128	550285	39.723	ng	100
32) Benzoic acid	8.02	122	29560	9.266	ng	89
33) 4-Chloroaniline	8.32	127	240091	38.509	ng	99
34) Hexachlorobutadiene	8.39	225	109380	42.173	ng	98
35) Caprolactam	8.69	113	46603	32.063	ng	92
36) 4-Chloro-3-methylphenol	8.80	107	150835	33.448	ng	99
37) 2-Methylnaphthalene	8.97	142	346986	37.858	ng	99
38) 1-Methylnaphthalene	8.97	142	346986	39.175	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	165488	43.081	ng	98

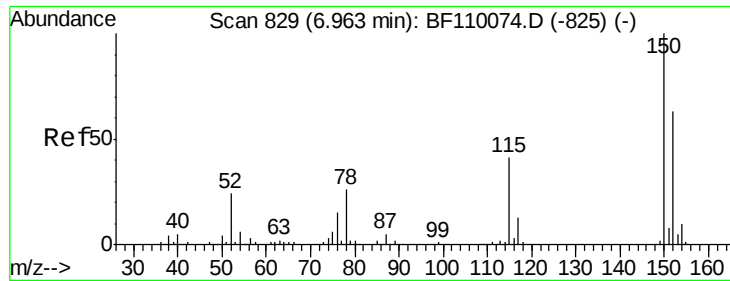
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	4378	2.229	ng	95
43) 2,4,6-Trichlorophenol	9.25	196	92144	37.191	ng	96
44) 2,4,5-Trichlorophenol	9.29	196	87199	33.296	ng	96
46) 1,1'-Biphenyl	9.43	154	481001	43.145	ng	99
47) 2-Chloronaphthalene	9.46	162	341930	41.812	ng	99
48) 2-Nitroaniline	9.56	65	99193	40.027	ng	94
49) Acenaphthylene	9.88	152	474929	40.208	ng	98
50) Dimethylphthalate	9.73	163	388734	42.715	ng	98
51) 2,6-Dinitrotoluene	9.79	165	60991	31.113	ng	97
52) Acenaphthene	10.05	154	296440	37.937	ng	98
53) 3-Nitroaniline	9.97	138	98059	42.064	ng	91
55) Dibenzofuran	10.22	168	434894	39.752	ng	97
56) 4-Nitrophenol	10.12	139	33170	19.225	ng	92
57) 2,4-Dinitrotoluene	10.20	165	68609	27.554	ng	# 82
58) Fluorene	10.57	166	314703	38.651	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.34	232	61115	28.630	ng	95
60) Diethylphthalate	10.42	149	372708	41.954	ng	98
61) 4-Chlorophenyl-phenylether	10.55	204	173634	40.424	ng	97
62) 4-Nitroaniline	10.58	138	95584	41.225	ng	94
63) Azobenzene	10.72	77	324881	36.843	ng	96
66) n-Nitrosodiphenylamine	10.67	169	300127	44.160	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	96673	43.012	ng	91
68) Hexachlorobenzene	11.12	284	97242	40.777	ng	# 91
69) Atrazine	11.19	200	64736	30.141	ng	97
70) Pentachlorophenol	11.31	266	27346	19.665	ng	98
71) Phenanthrene	11.53	178	441254	40.699	ng	98
72) Anthracene	11.59	178	446992	41.132	ng	98
73) Carbazole	11.74	167	433723	40.876	ng	99
74) Di-n-butylphthalate	12.06	149	540886	45.135	ng	98
75) Fluoranthene	12.73	202	433730	39.418	ng	99
77) Benzidine	12.85	184	241673	Below	Cal	97
78) Pyrene	12.96	202	440758	42.998	ng	97
80) Butylbenzylphthalate	13.56	149	208428	46.846	ng	95
81) Benzo(a)anthracene	14.15	228	337578	39.813	ng	99
82) 3,3'-Dichlorobenzidine	14.11	252	136582	46.258	ng	99
83) Chrysene	14.19	228	325457	40.411	ng	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	286692	47.667	ng	96
85) Di-n-octyl phthalate	14.73	149	451885	48.319	ng	97
86) Indeno(1,2,3-cd)pyrene	17.27	276	235992	35.322	ng	97
88) Benzo(b)fluoranthene	15.24	252	260977	41.832	ng	98
89) Benzo(k)fluoranthene	15.27	252	257347	41.960	ng	98
90) Benzo(a)pyrene	15.63	252	235694	41.058	ng	97
91) Dibenzo(a,h)anthracene	17.29	278	200915	40.562	ng	98
92) Benzo(g,h,i)perylene	17.76	276	182914	37.475	ng	98

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

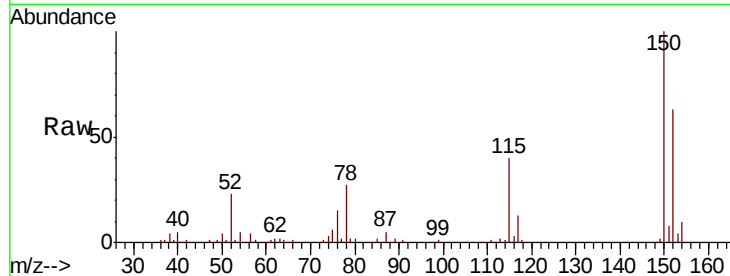


#1

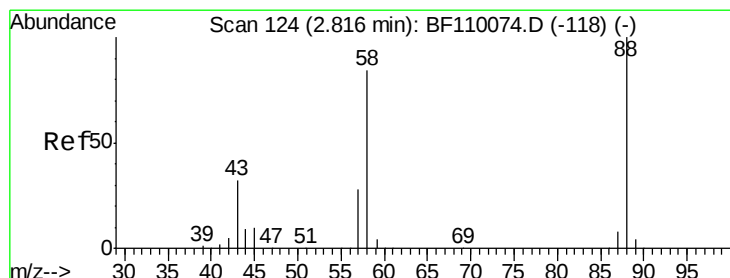
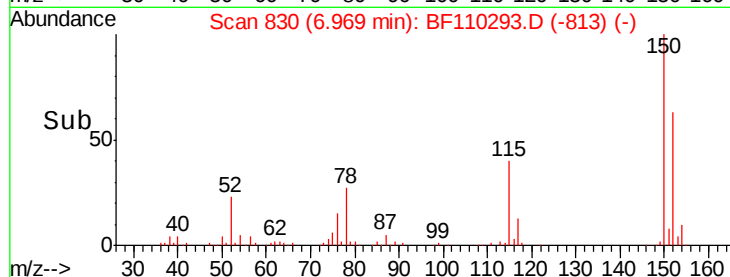
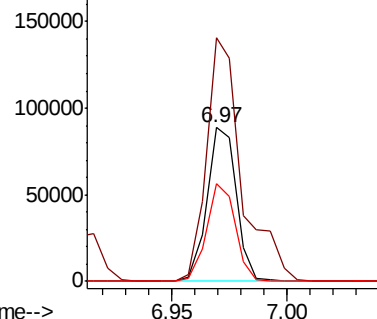
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79003
Ion Ratio Lower Upper
152 100
150 158.6 122.7 184.1
115 63.8 49.1 73.7



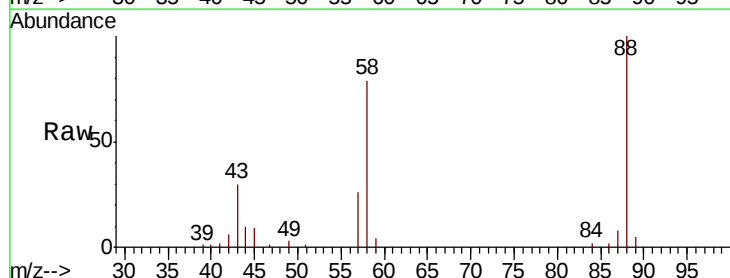
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



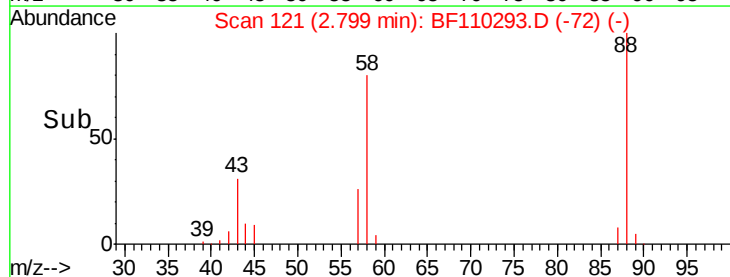
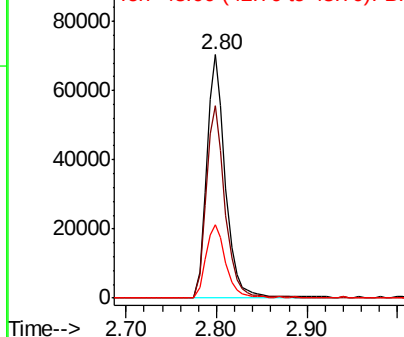
#2

1,4-Dioxane
Concen: 40.136 ng
RT: 2.80 min Scan# 121
Delta R.T. -0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion: 88 Resp: 102016
Ion Ratio Lower Upper
88 100
58 79.2 57.1 85.7
43 31.7 24.1 36.1



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





#3

Pvridine

Concen: 38.083 ng

RT: 3.59 min Scan# 255

Delta R.T. -0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampled :

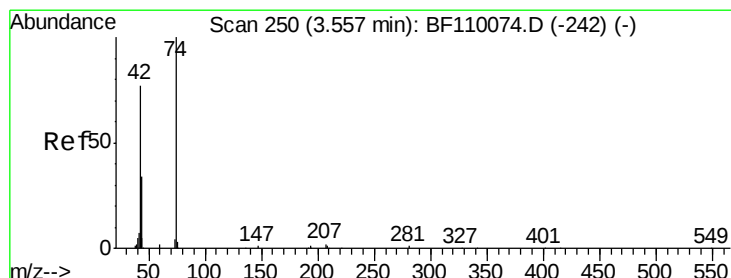
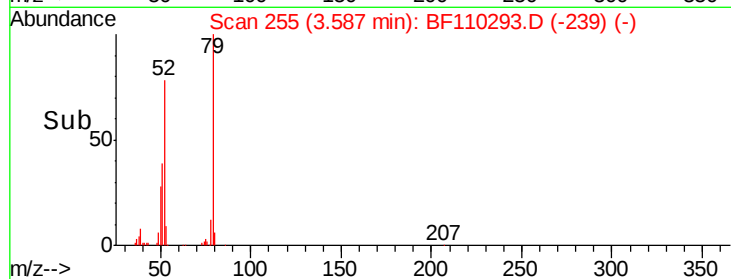
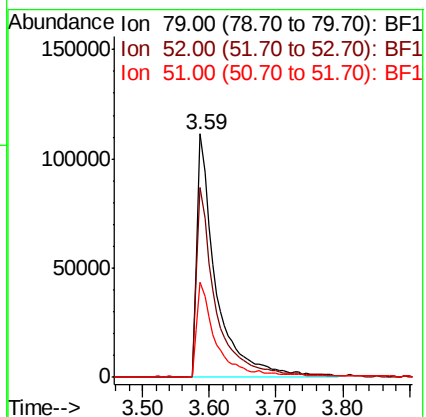
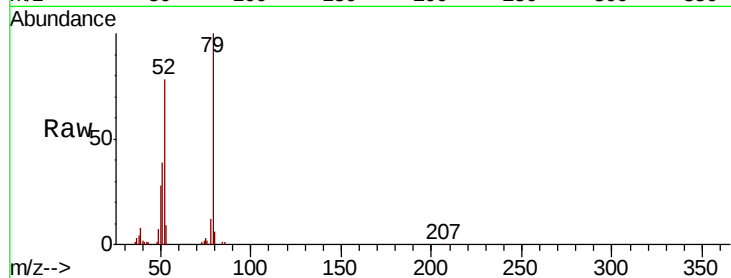
Tot Ion: 79 Resp: 215598

Ion Ratio Lower Upper

79 100

52 78.1 53.1 79.7

51 39.3 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 40.284 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

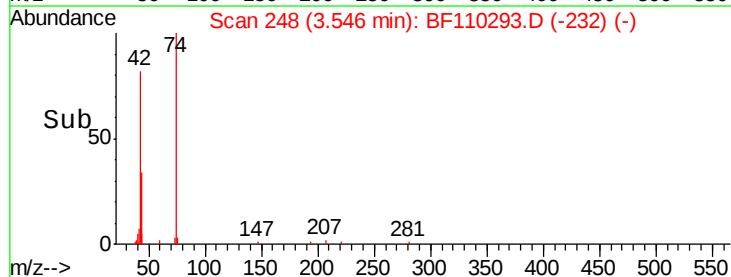
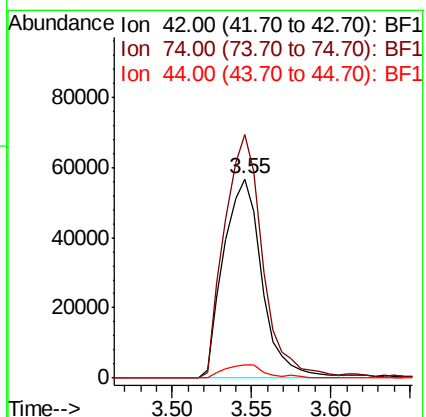
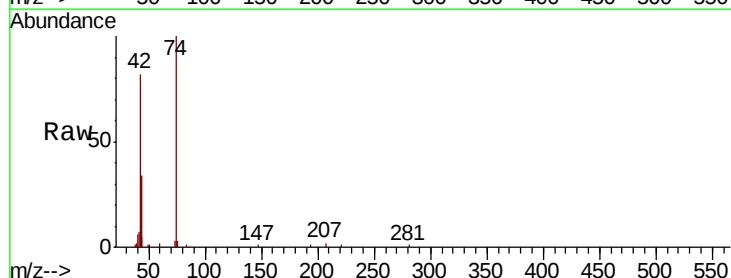
Tgt Ion: 42 Resp: 95549

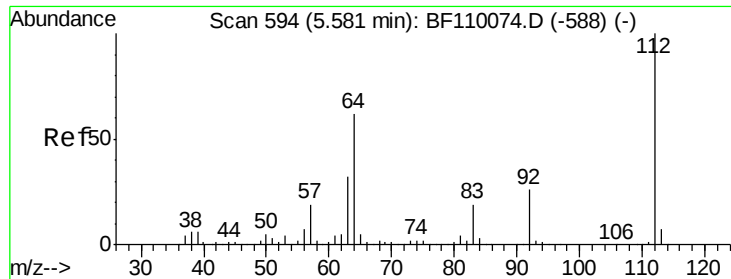
Ion Ratio Lower Upper

42 100

74 122.4 105.5 158.3

44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 81.239 ng

RT: 5.59 min Scan# 595

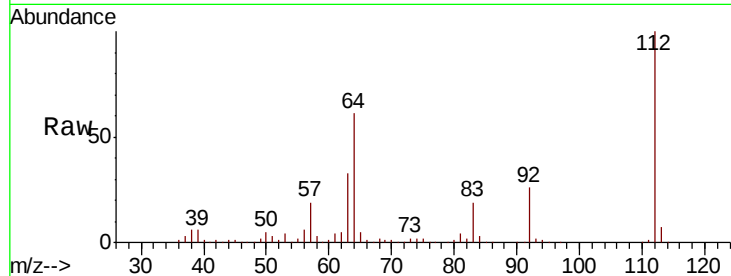
Delta R.T. 0.00 min

Lab File: BF110293.D

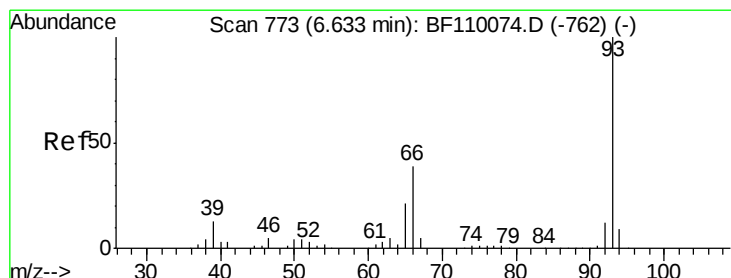
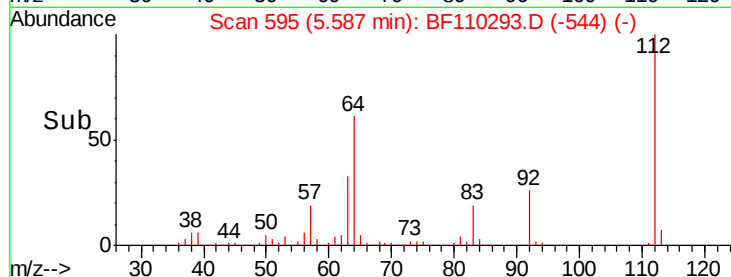
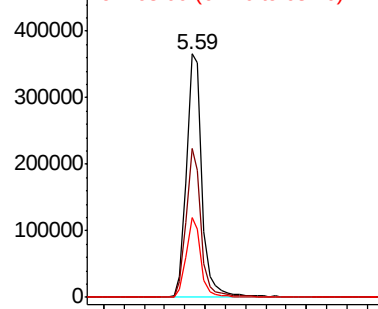
Acq: 30 Oct 2018 7:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	394123
Ion	Ratio	Lower	Upper
112	100		
64	61.4	44.1	66.1
63	32.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.558 ng

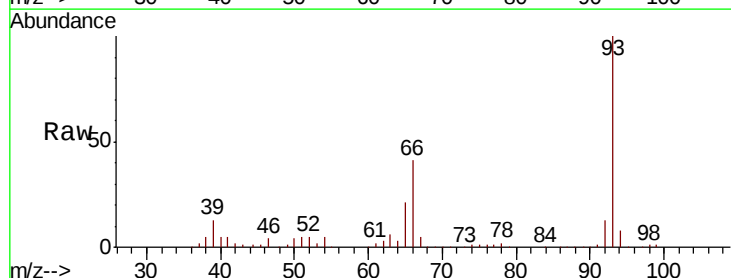
RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

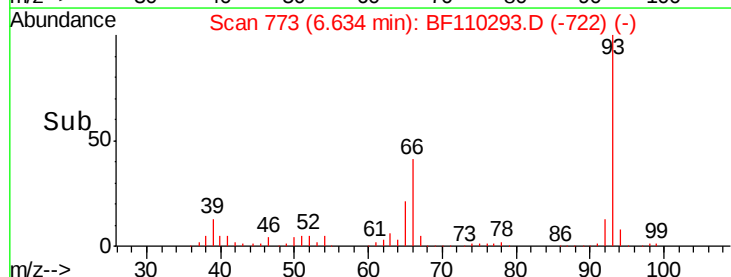
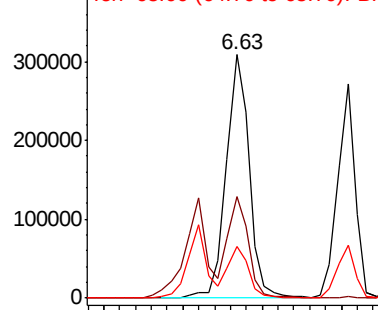
Lab File: BF110293.D

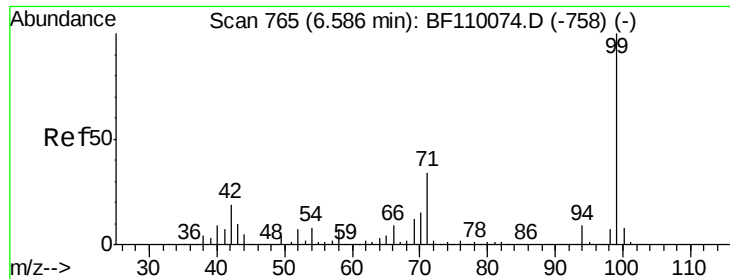
Acq: 30 Oct 2018 7:15

Tgt Ion:	93	Resp:	311682
Ion	Ratio	Lower	Upper
93	100		
66	41.4	67.4	101.0#
65	21.1	41.0	61.4#



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: 74.373 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampled :

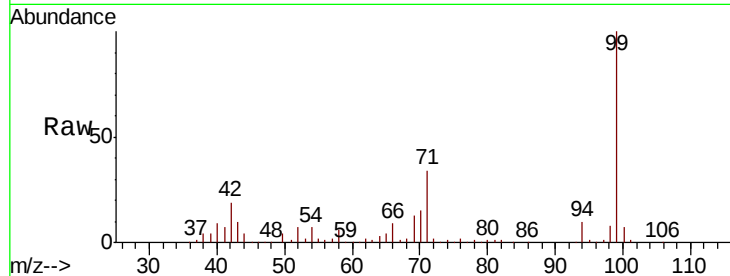
Tot Ion: 99 Resp: 461510

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

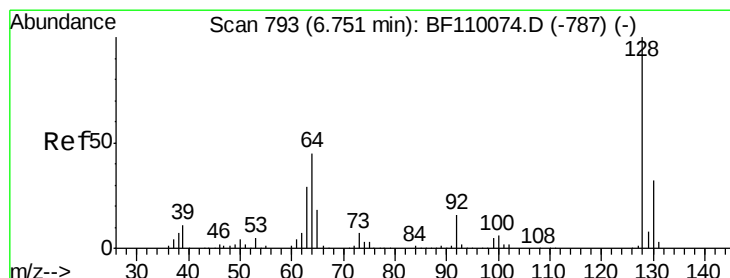
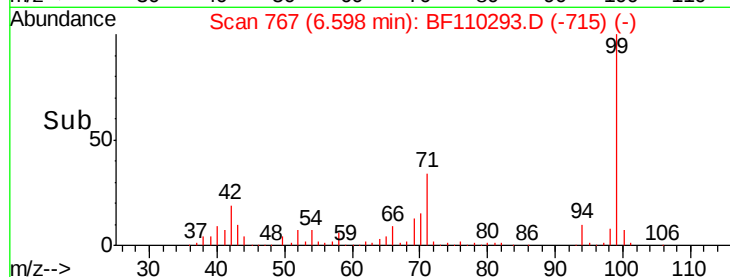
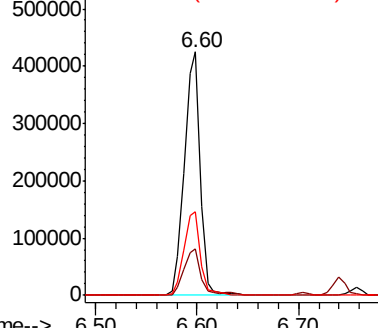
71 34.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.169 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

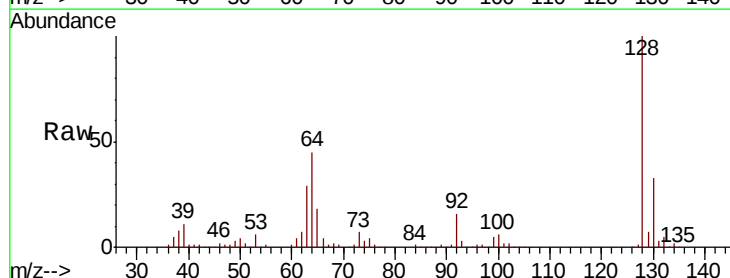
Tgt Ion: 128 Resp: 213487

Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

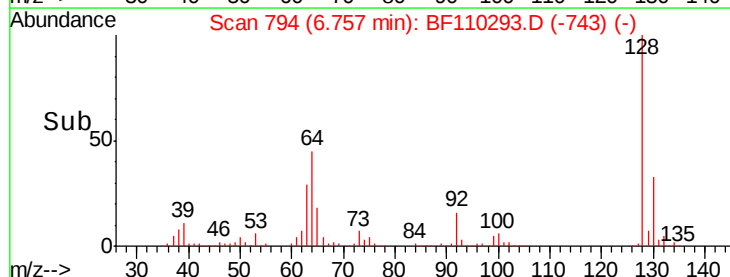
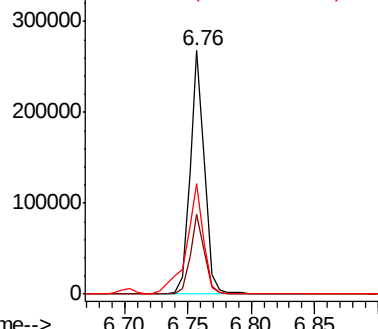
64 45.4 26.0 66.0



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: 40.000 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampled :

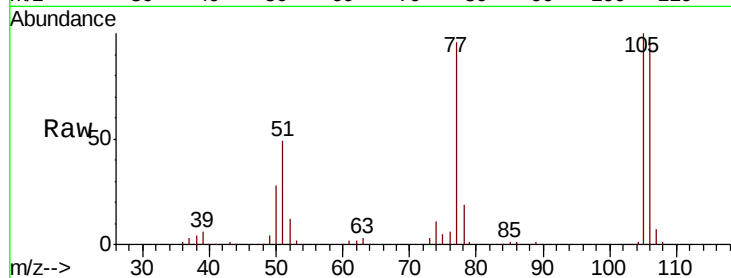
Tot Ion: 77 Resp: 144147

Ion Ratio Lower Upper

77 100

105 104.1 78.6 118.6

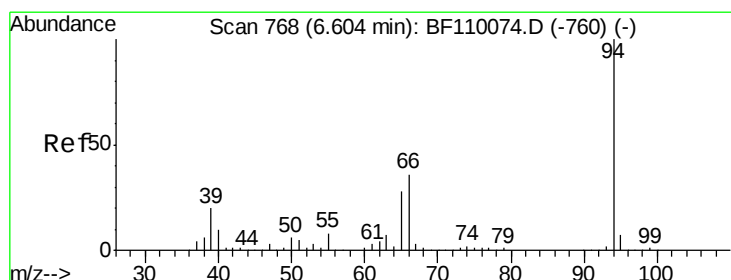
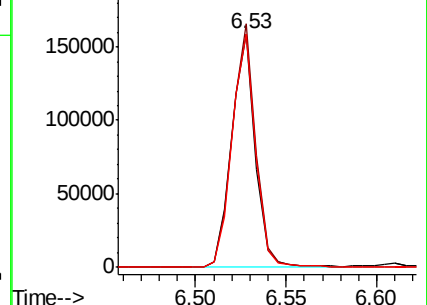
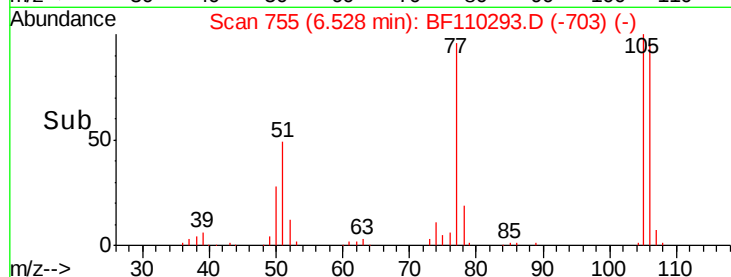
106 99.6 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 40.252 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

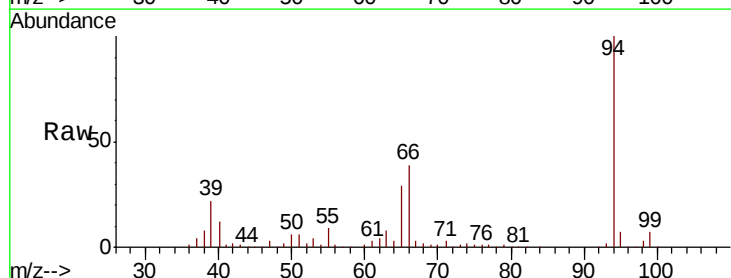
Tgt Ion: 94 Resp: 266991

Ion Ratio Lower Upper

94 100

65 28.7 25.3 65.3

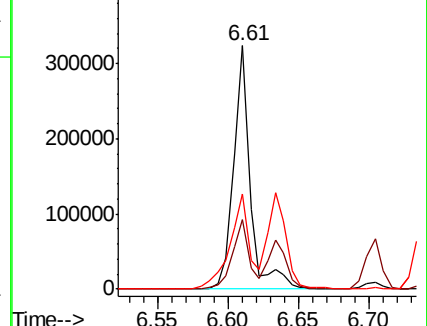
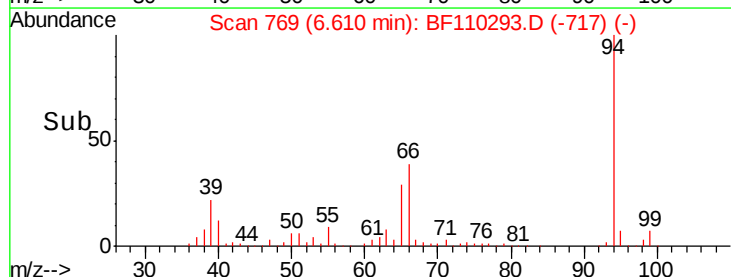
66 39.2 54.5 94.5#



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

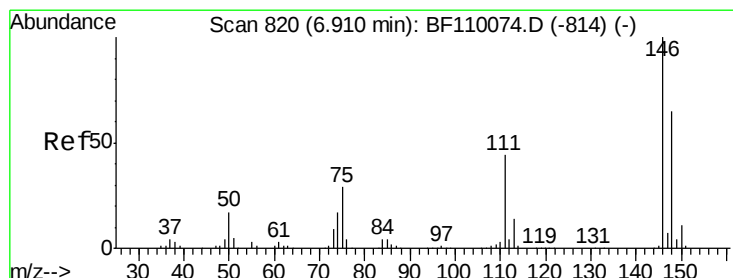
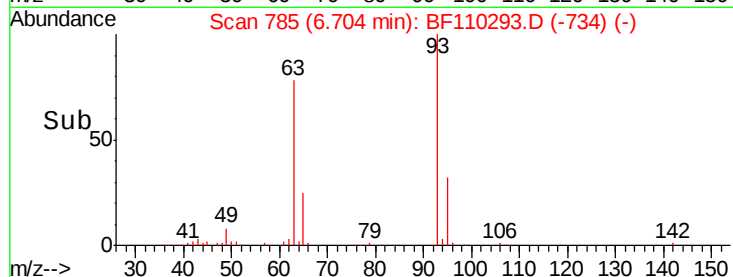
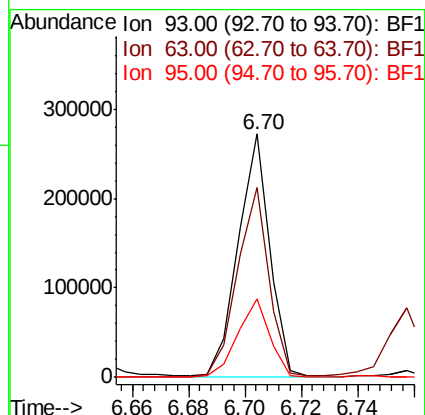
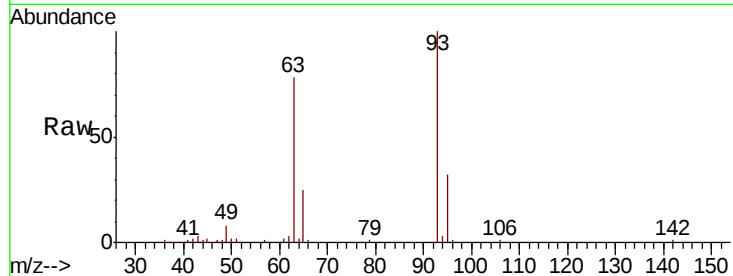




#11
bis(2-Chloroethyl)ether
Concen: 38.554 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

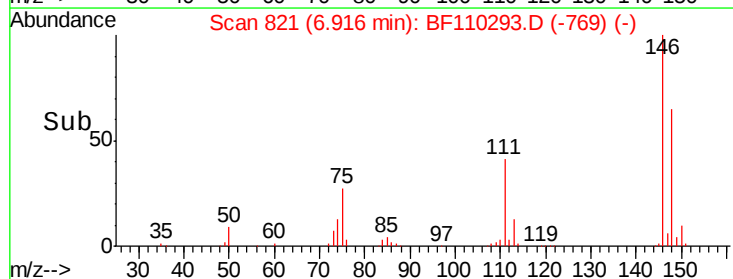
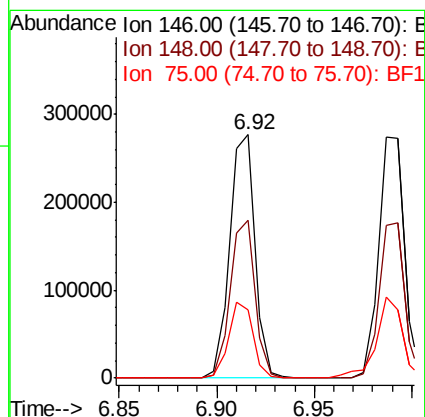
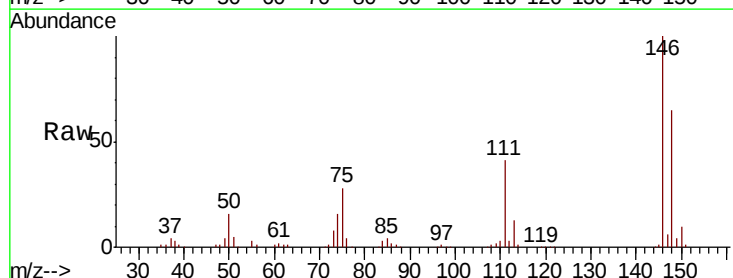
Instrument :
BNA_F
ClientSampleId :

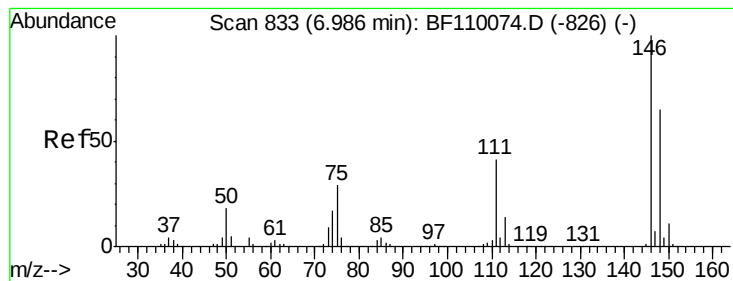
Tot Ion: 93 Resp: 210397
Ion Ratio Lower Upper
93 100
63 77.8 53.4 93.4
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.370 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion: 146 Resp: 248490
Ion Ratio Lower Upper
146 100
148 64.7 50.4 75.6
75 28.3 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 40.459 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

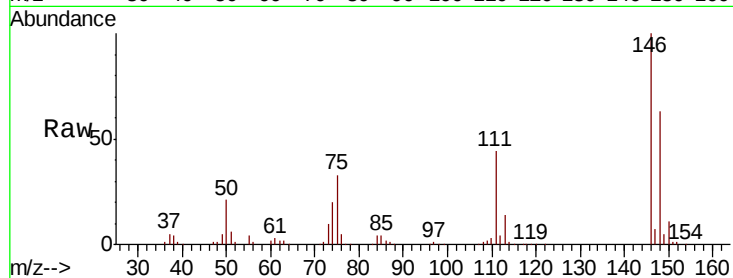
Tot Ion:146 Resp: 251867

Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

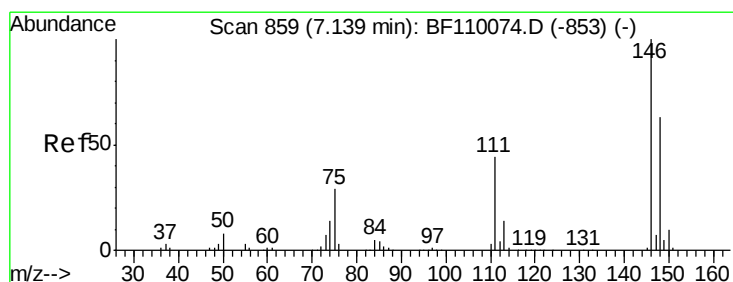
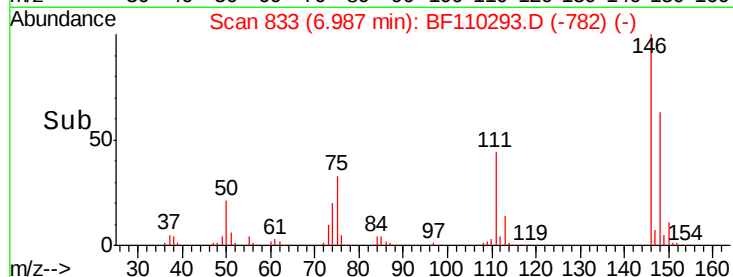
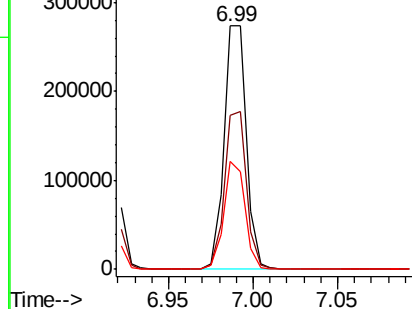
111 44.1 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.994 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

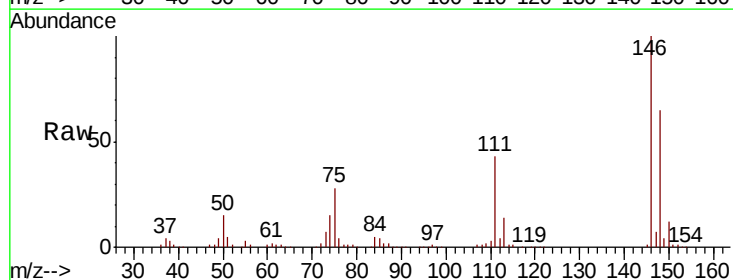
Tgt Ion:146 Resp: 231129

Ion Ratio Lower Upper

146 100

148 65.5 51.1 76.7

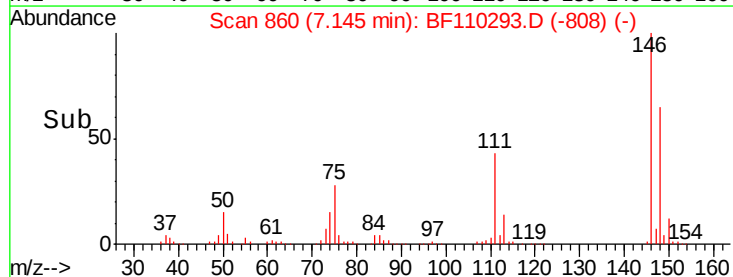
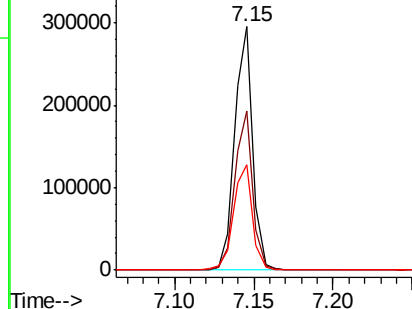
111 43.1 35.8 53.6



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: 37.010 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

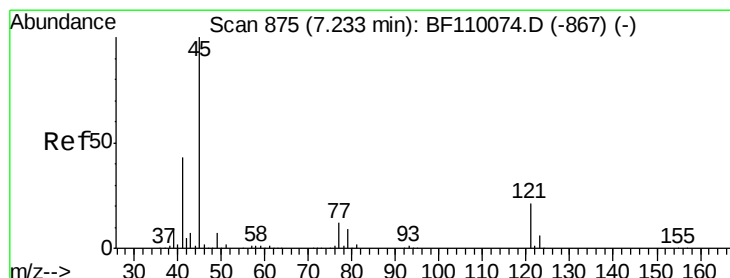
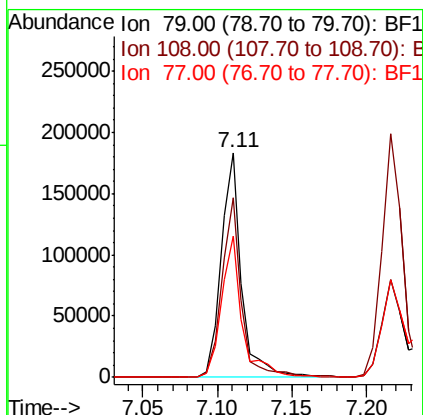
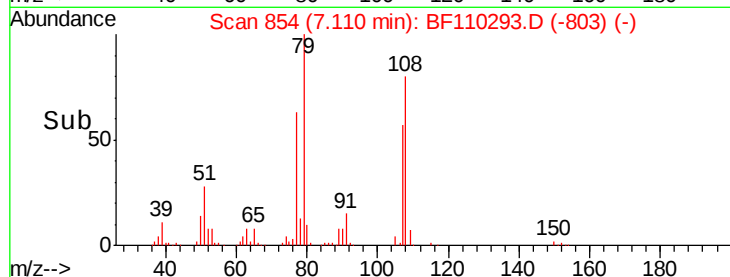
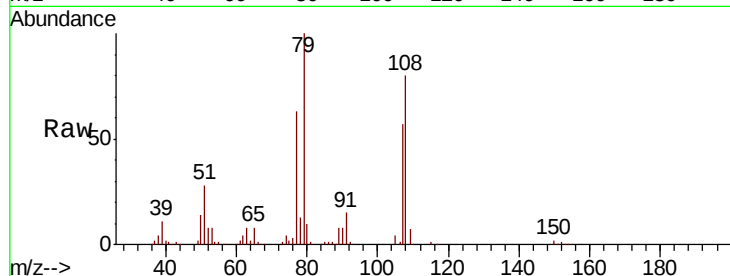
Tot Ion: 79 Resp: 176635

Ion Ratio Lower Upper

79 100

108 80.1 56.3 84.5

77 62.6 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.864 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

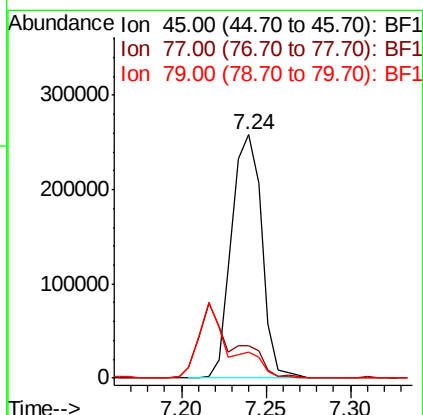
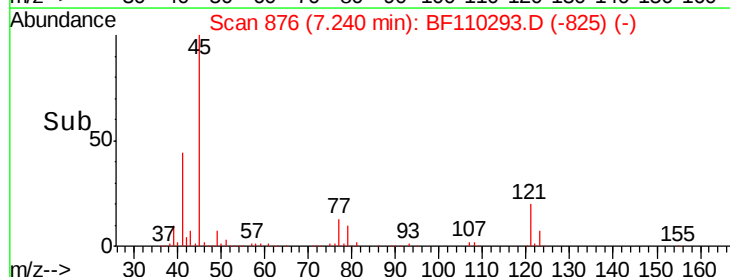
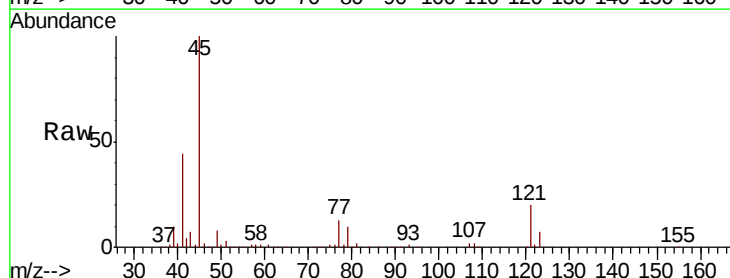
Tgt Ion: 45 Resp: 321648

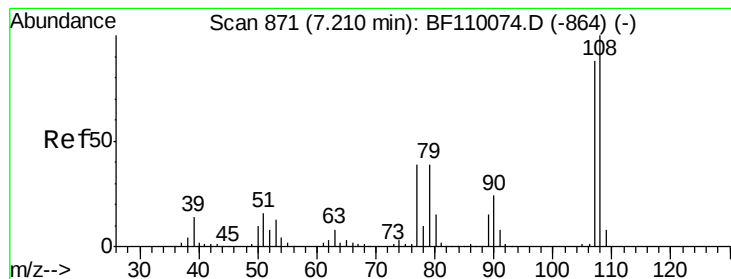
Ion Ratio Lower Upper

45 100

77 13.3 10.0 50.0

79 10.4 6.1 46.1

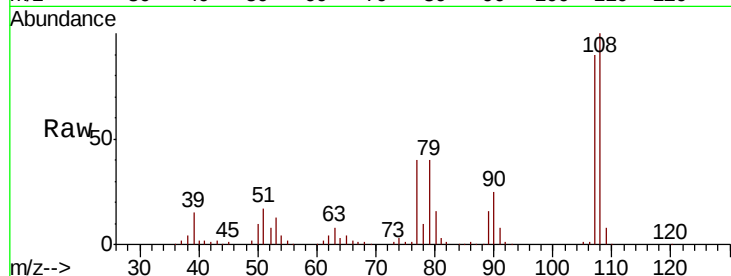




#17
2-Methylphenol
Concen: 37.119 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	92.6	138.8
77	44.7	59.4	89.2#
79	45.0	54.0	81.0#



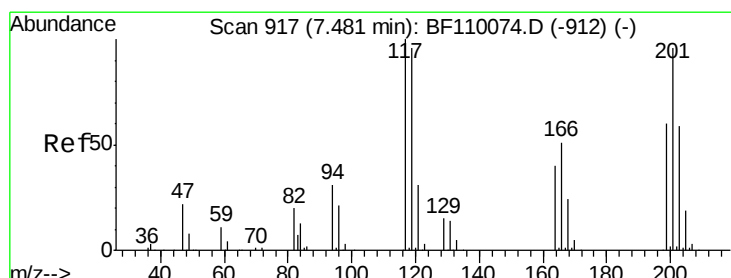
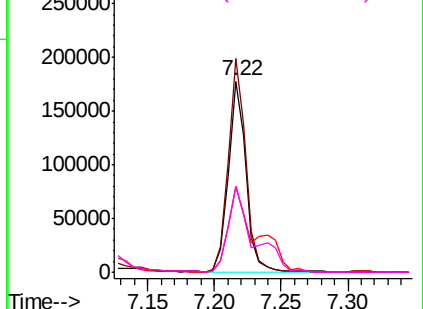
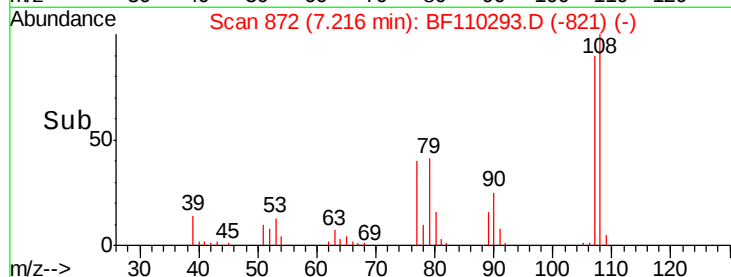
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

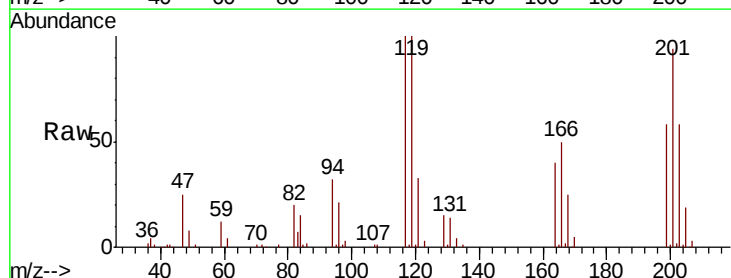
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 25.268 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	75.0	112.6
201	94.3	79.2	118.8

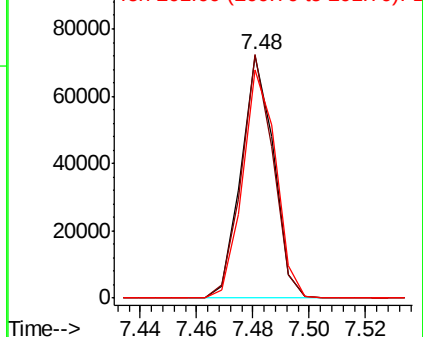
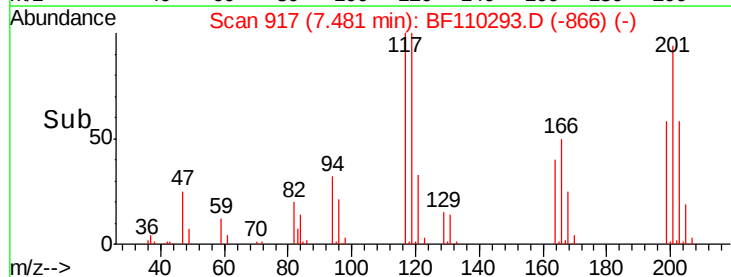


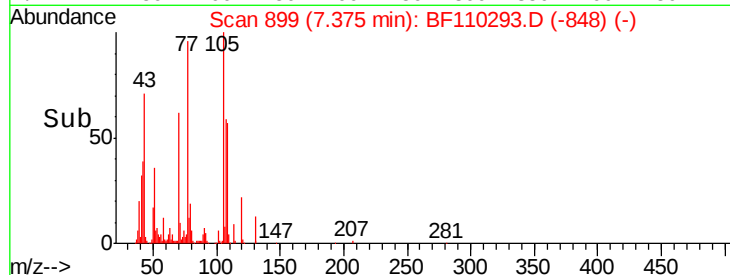
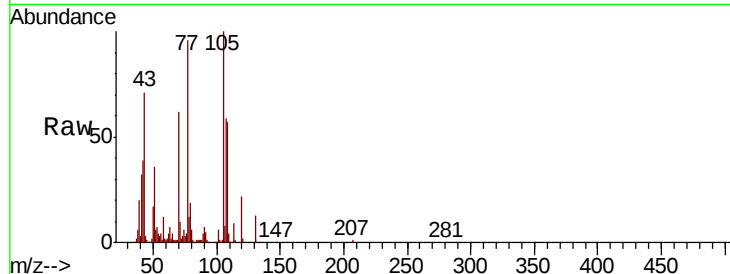
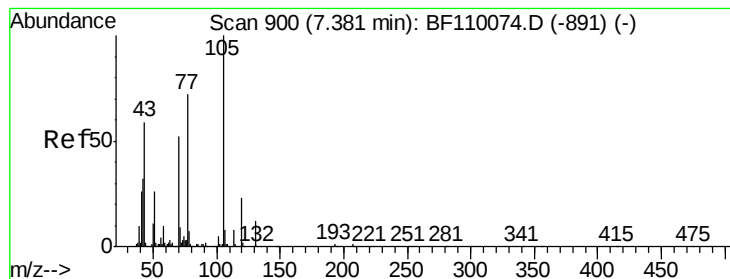
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.984 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 147231

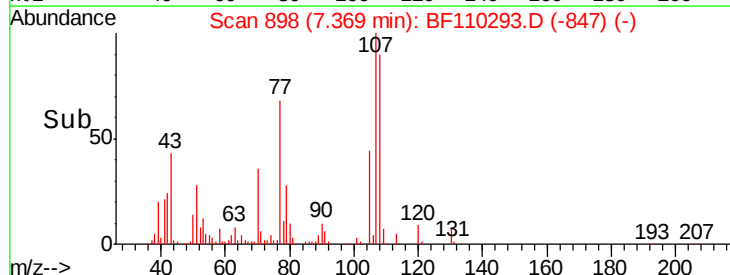
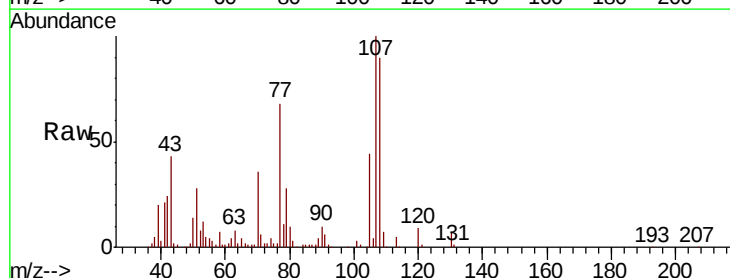
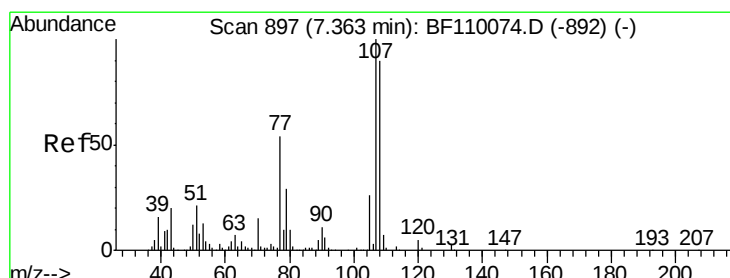
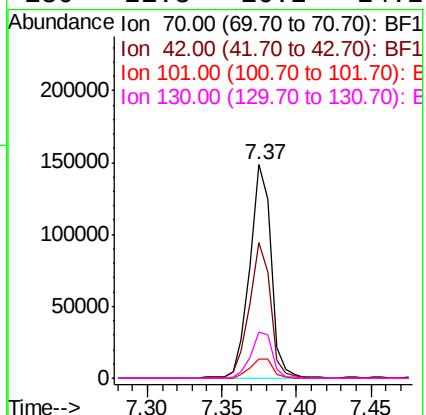
Ion Ratio Lower Upper

70 100

42 63.4 47.4 71.2

101 9.1 7.3 10.9

130 21.3 16.2 24.2



#20

3+4-Methylphenols

Concen: 36.316 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Tgt Ion: 107 Resp: 209254

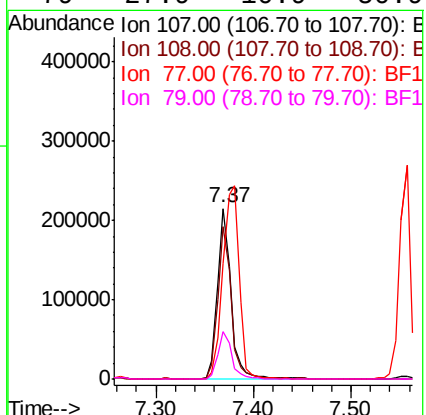
Ion Ratio Lower Upper

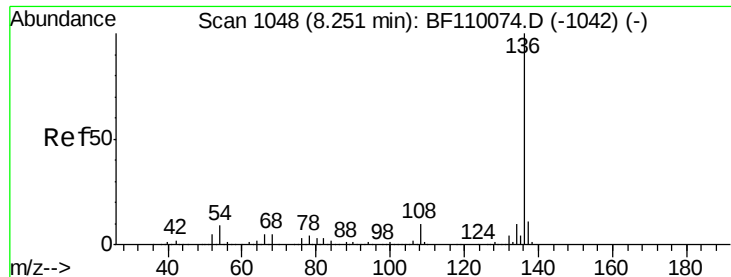
107 100

108 89.8 71.4 111.4

77 67.7 47.3 87.3

79 27.9 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 300571

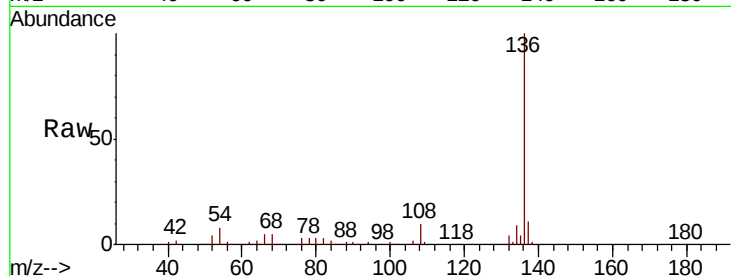
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.5 5.4 8.2

68 4.5 4.2 6.2

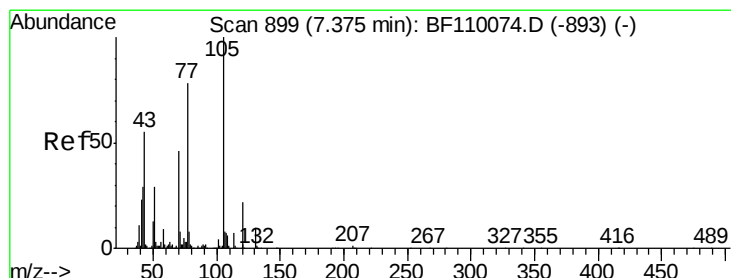
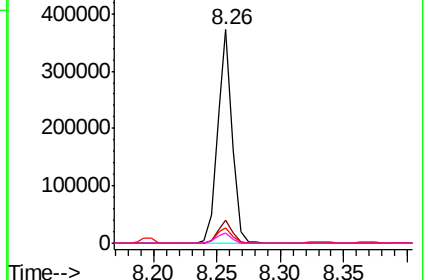
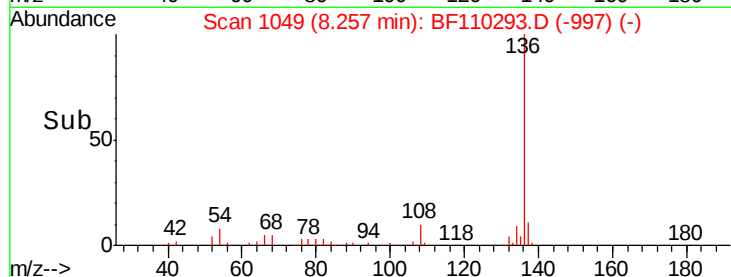


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.508 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Tgt Ion:105 Resp: 294403

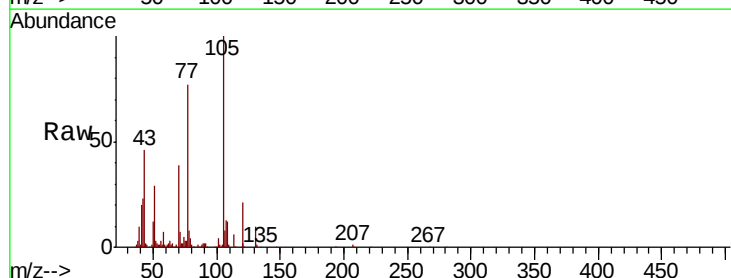
Ion Ratio Lower Upper

105 100

71 6.7 5.2 7.8

51 28.7 21.8 32.8

120 21.3 17.0 25.4

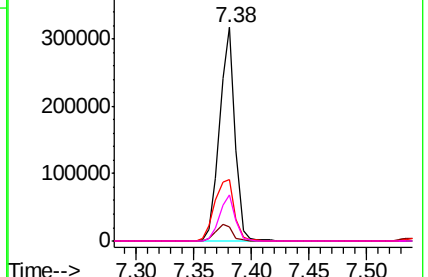
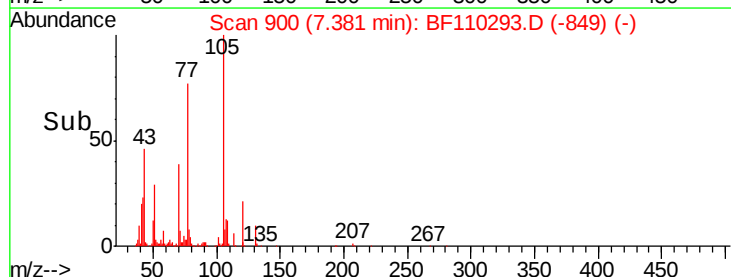


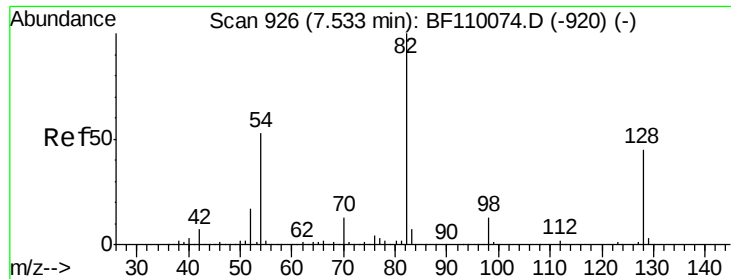
Abundance Ion 105.00 (104.70 to 105.70): E

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

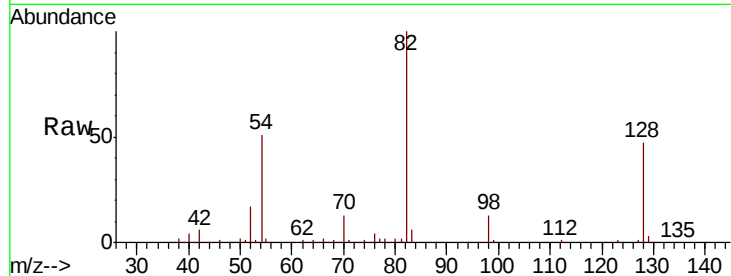




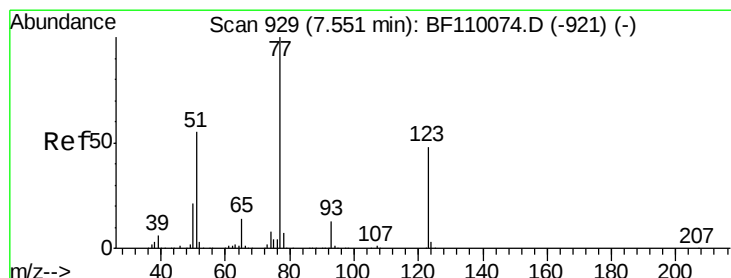
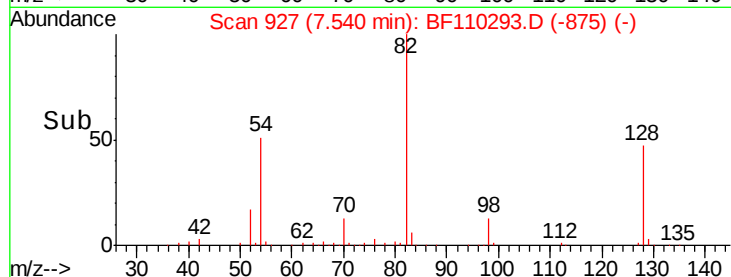
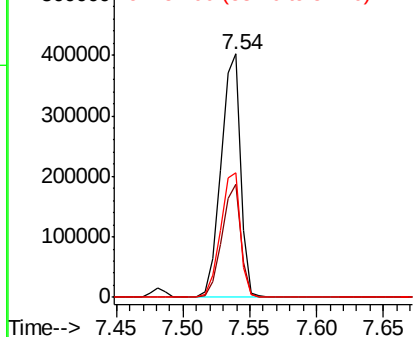
#23
 Nitrobenzene-d5
 Concen: 82.326 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	417187
Ion Ratio	Lower	Upper	
82	100		
128	46.5	34.2	51.2
54	51.0	38.6	58.0

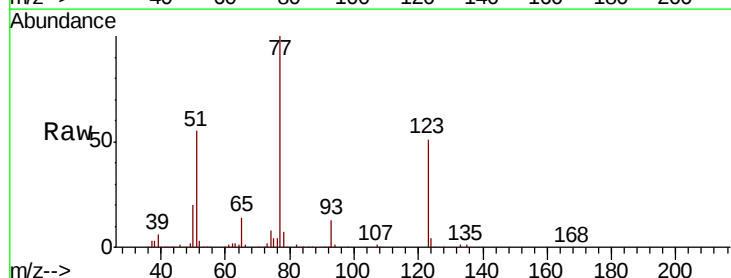


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

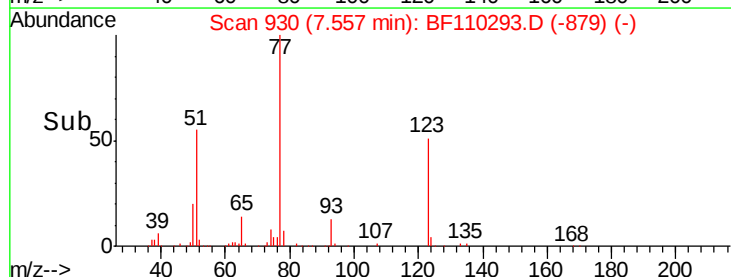
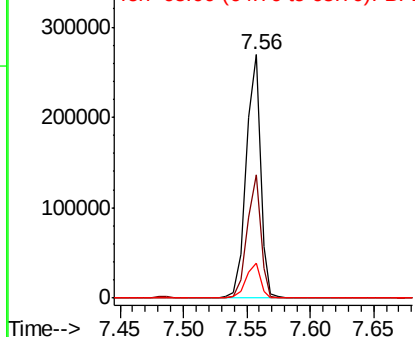


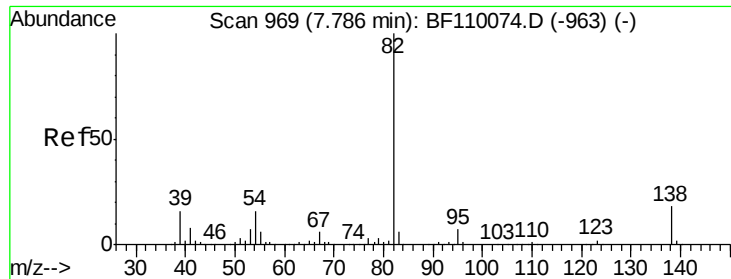
#24
 Nitrobenzene
 Concen: 40.178 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Tgt Ion	77	Resp	210206
Ion Ratio	Lower	Upper	
77	100		
123	50.5	35.7	53.5
65	14.1	10.7	16.1



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

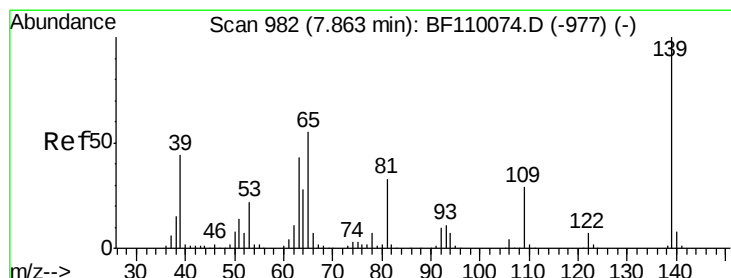
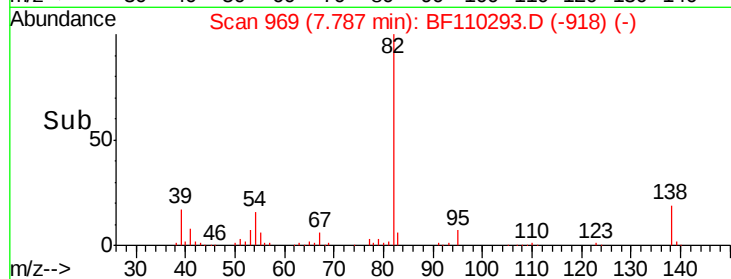
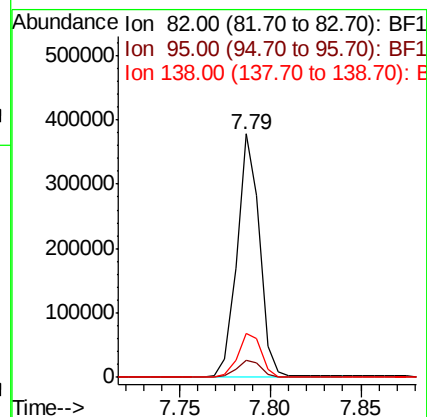
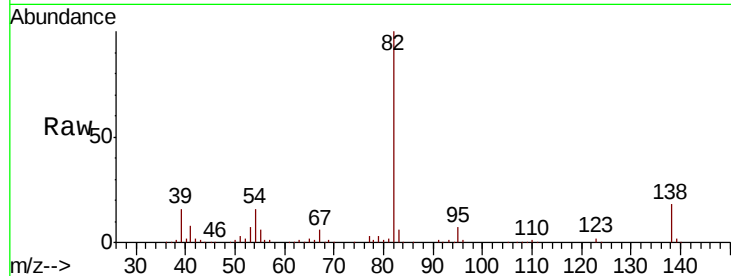




#25
Isophorone
Concen: 38.263 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

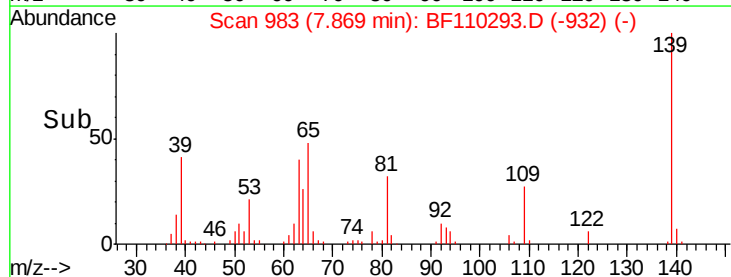
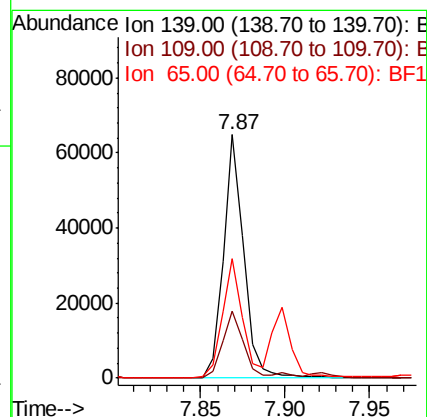
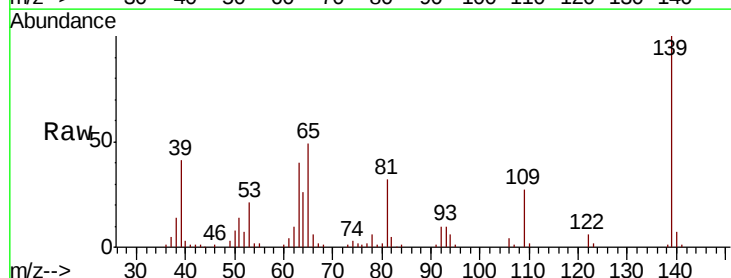
Instrument :
BNA_F
ClientSampled :

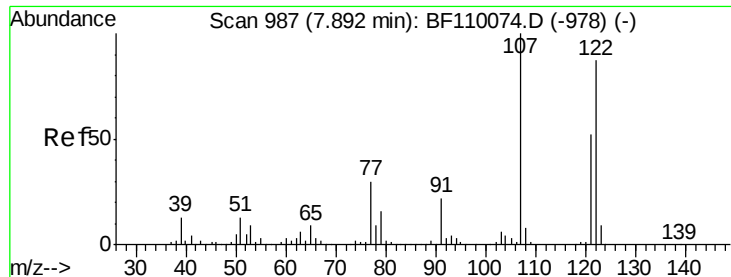
Tot Ion: 82 Resp: 330524
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.1 13.2 19.8



#26
2-Nitrophenol
Concen: 21.841 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion: 139 Resp: 54376
Ion Ratio Lower Upper
139 100
109 27.5 25.0 37.6
65 49.1 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 37.614 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

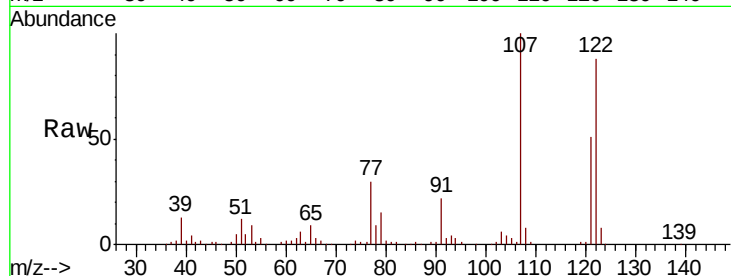
Tot Ion:122 Resp: 155261

Ion Ratio Lower Upper

122 100

107 113.6 92.5 138.7

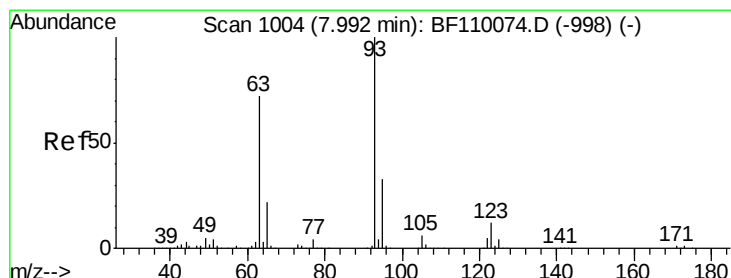
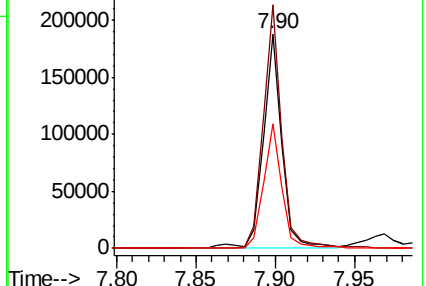
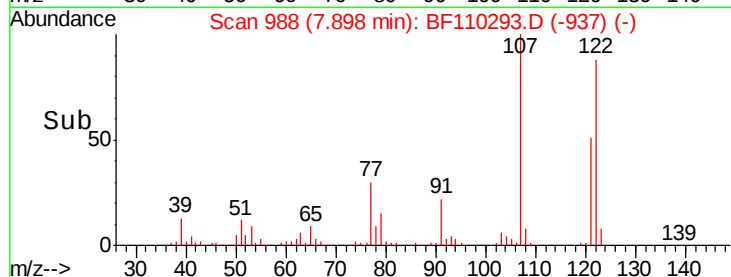
121 57.9 45.8 68.8



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: 40.792 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

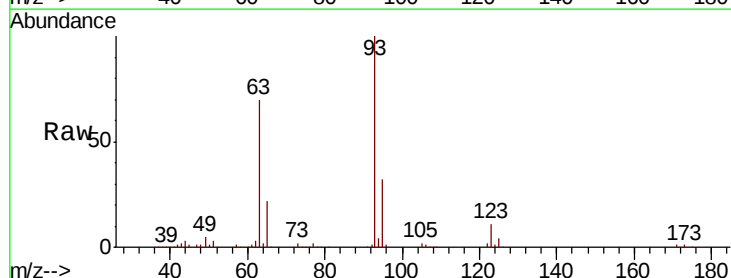
Tgt Ion: 93 Resp: 239374

Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

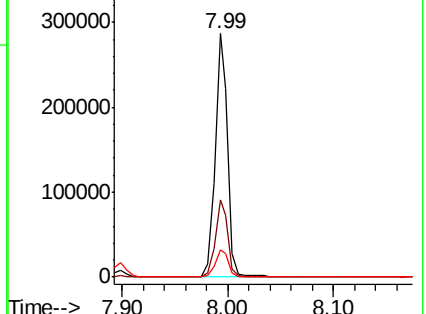
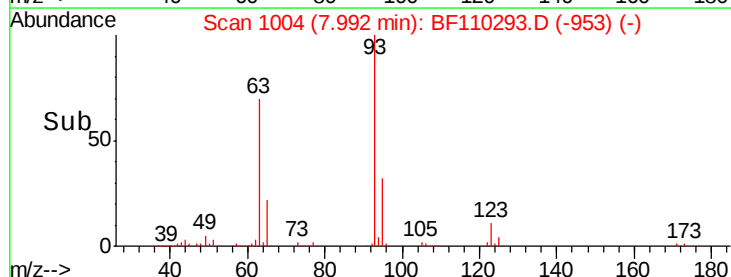
123 11.1 9.0 13.6

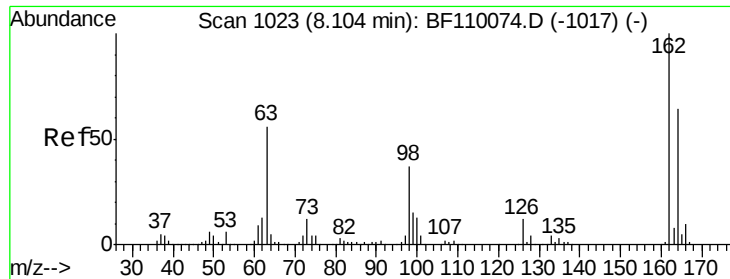


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

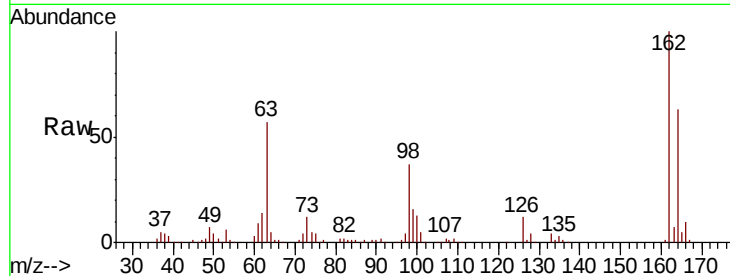




#29
 2,4-Dichlorophenol
 Concen: 36.522 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	36.9	17.4	57.4

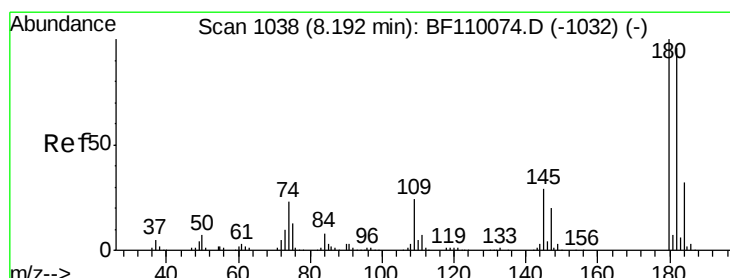
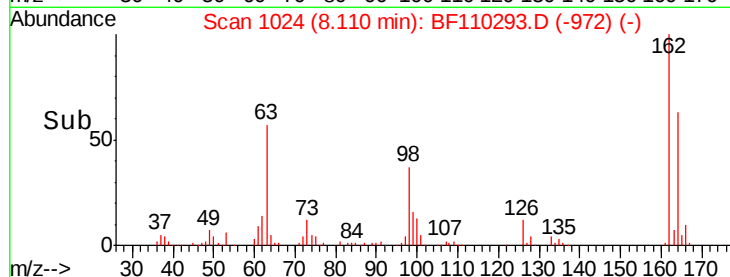
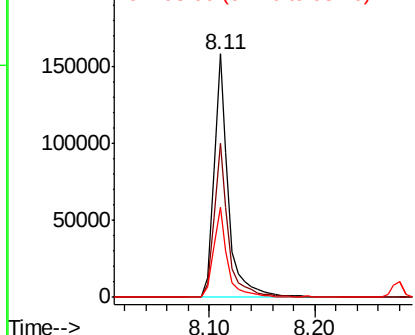


Abundance

Ion 162.00 (161.70 to 162.70): E

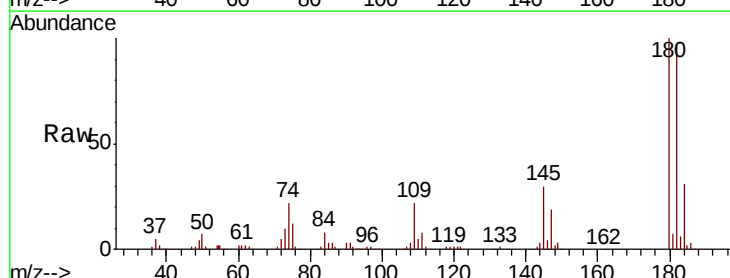
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.952 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	80.3	120.5
145	30.1	25.4	38.0

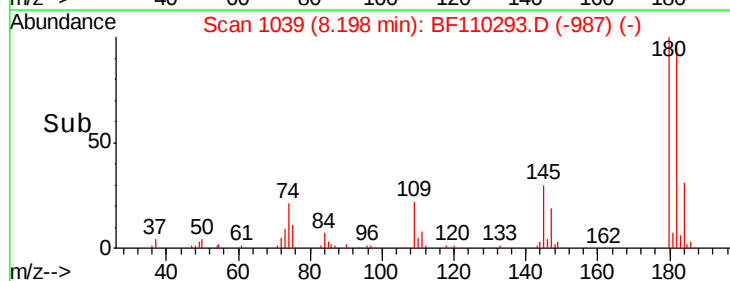
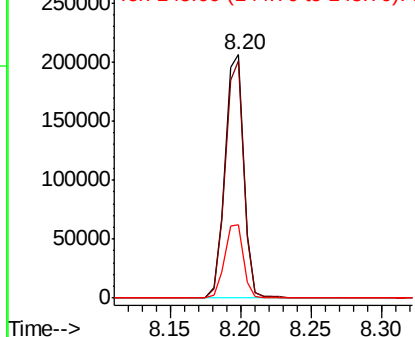


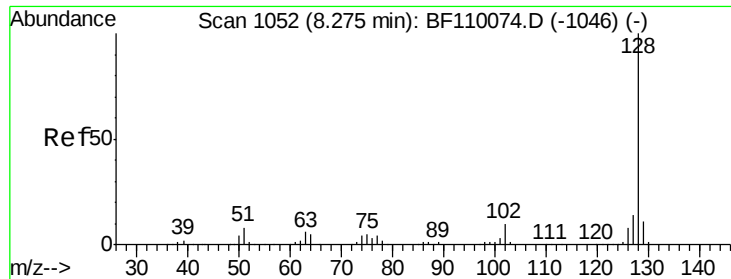
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

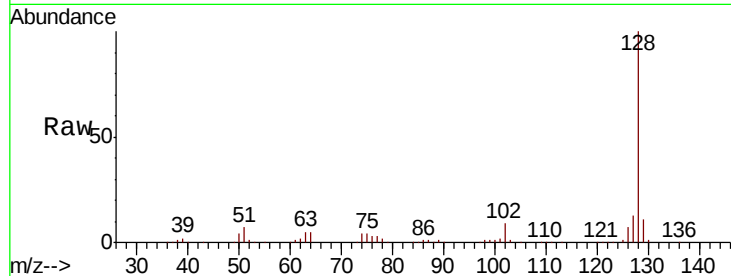




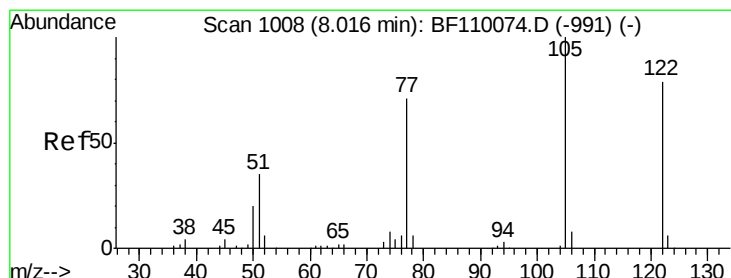
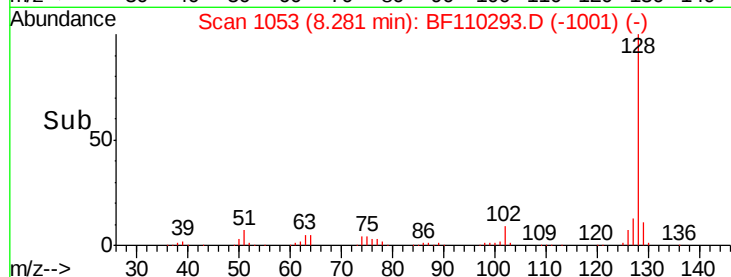
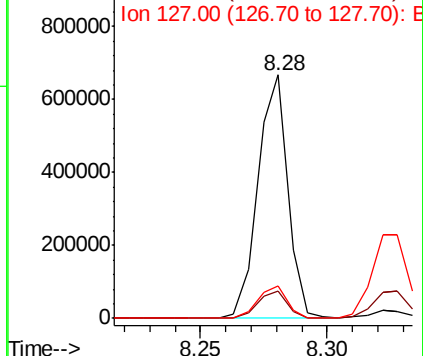
#31
Naphthalene
Concen: 39.723 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 550285
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.8 16.2

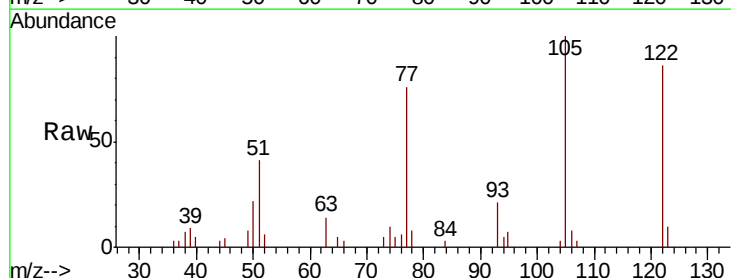


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

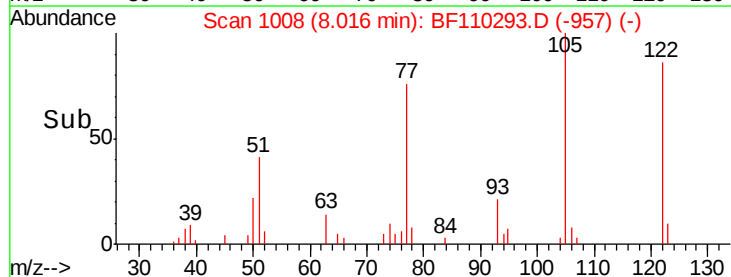
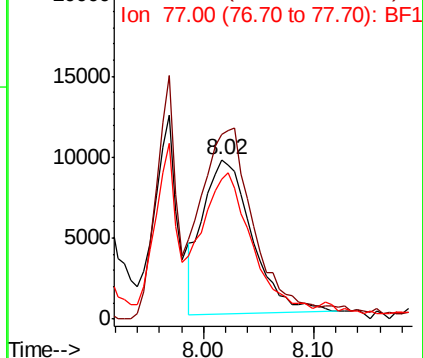


#32
Benzoic acid
Concen: 9.266 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion:122 Resp: 29560
Ion Ratio Lower Upper
122 100
105 116.1 109.0 149.0
77 87.9 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

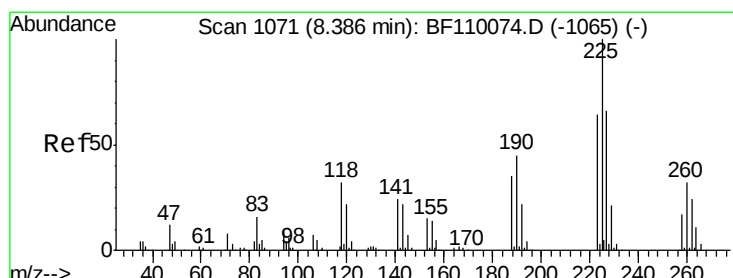
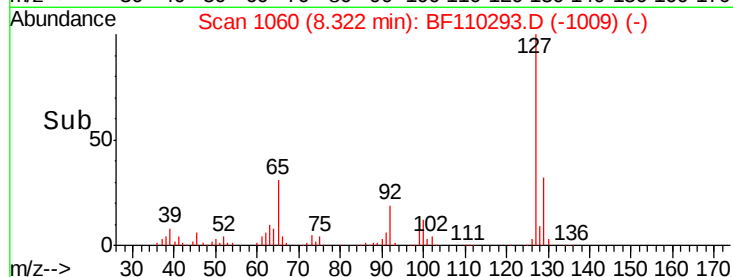
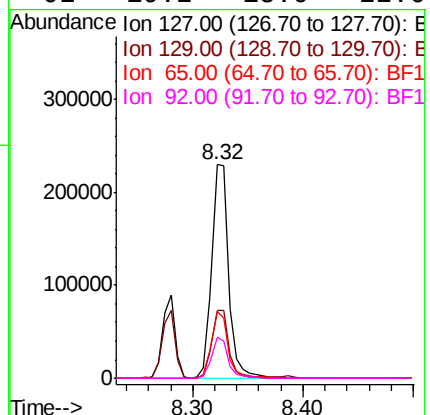
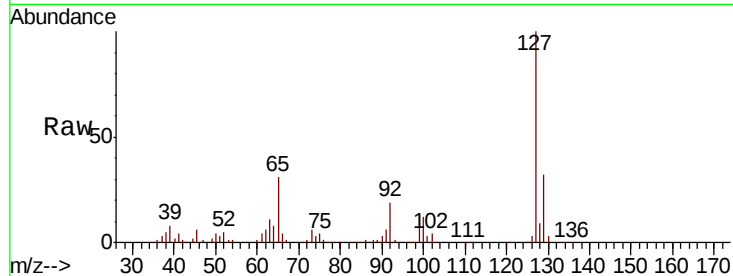




#33
4-Chloroaniline
Concen: 38.509 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

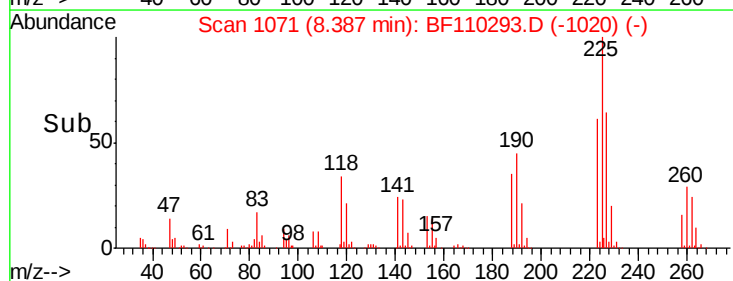
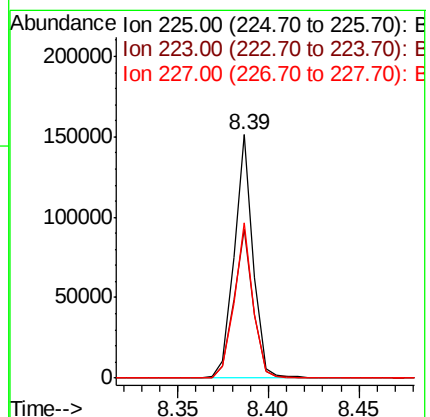
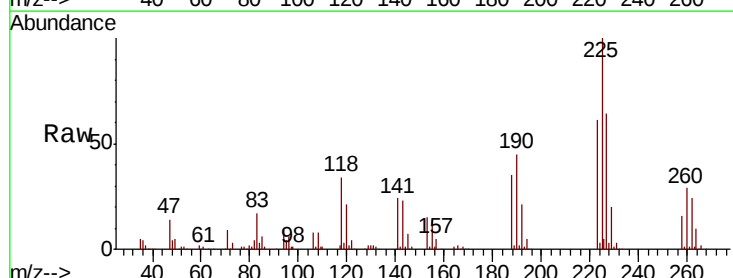
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	240091
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	31.4	25.1	37.7
92	19.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 42.173 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion:	225	Resp:	109380
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.4	77.2
227	63.7	51.0	76.6

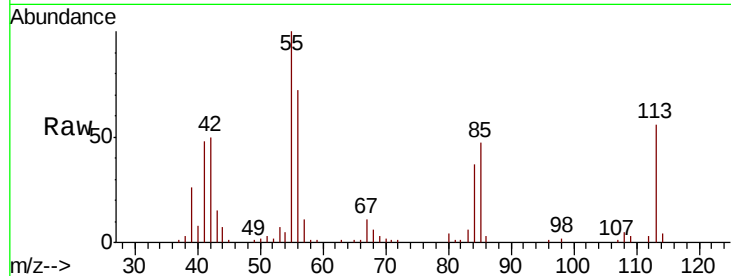




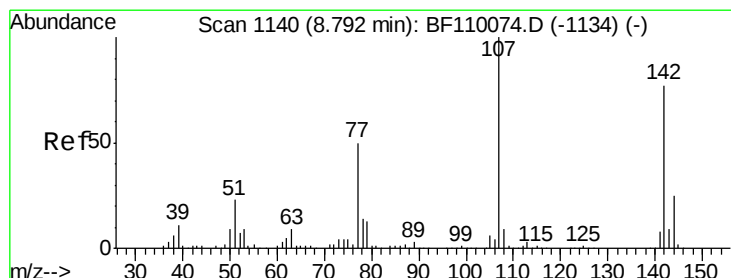
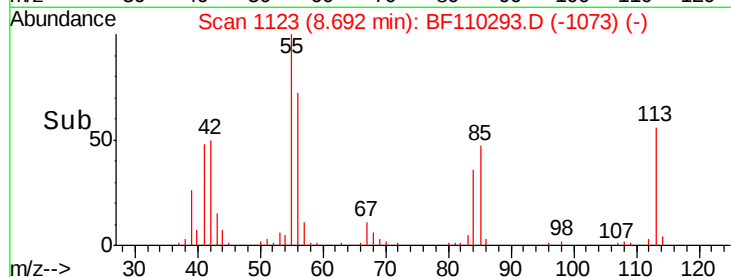
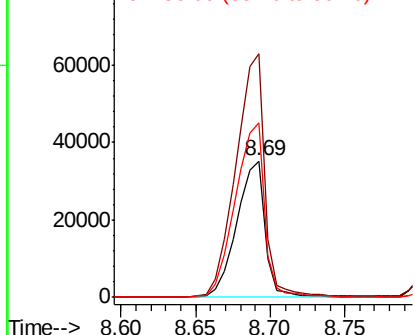
#35
 Caprolactam
 Concen: 32.063 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 46603
 Ion Ratio Lower Upper
 113 100
 55 178.2 142.8 182.8
 56 127.7 105.0 145.0

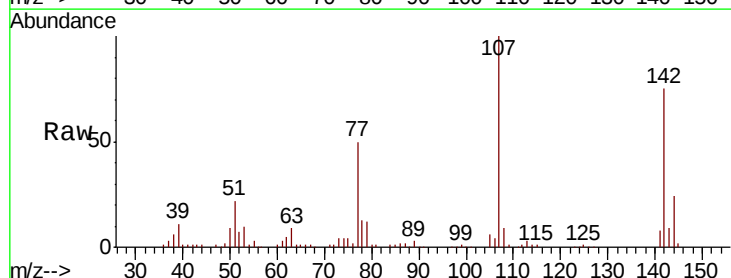


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

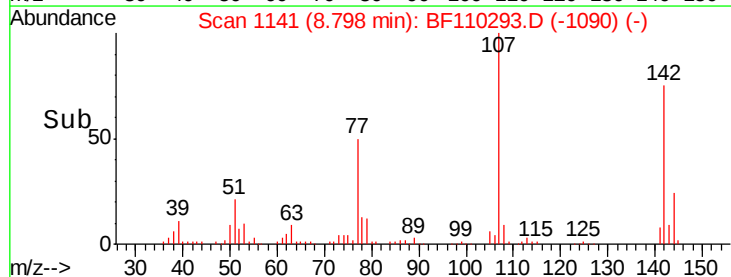
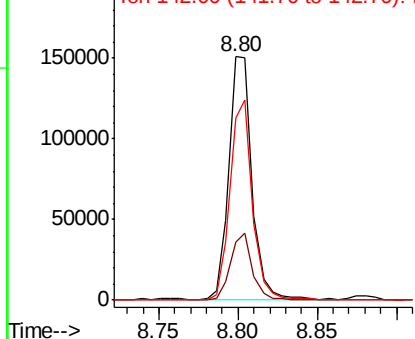


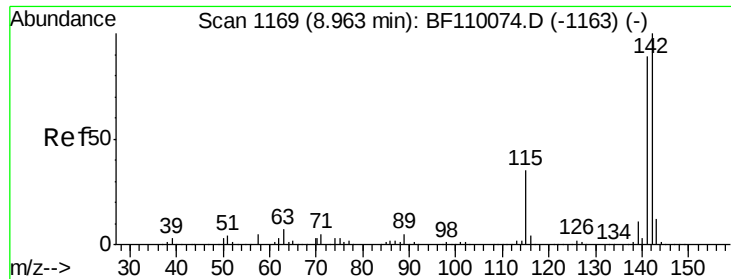
#36
 4-Chloro-3-methylphenol
 Concen: 33.448 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Tgt Ion:107 Resp: 150835
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.0 30.0
 142 75.0 59.7 89.5



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

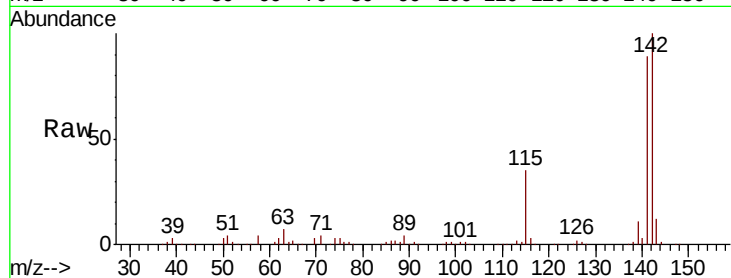




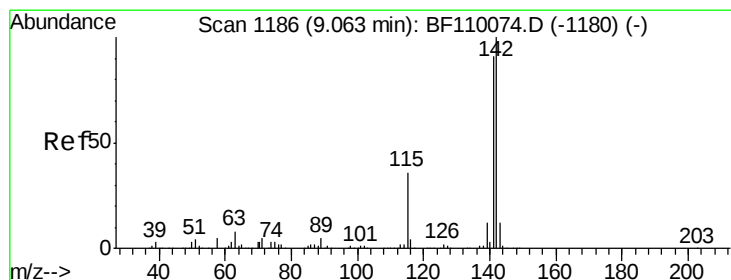
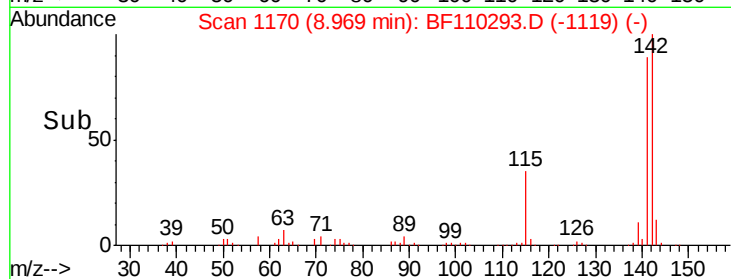
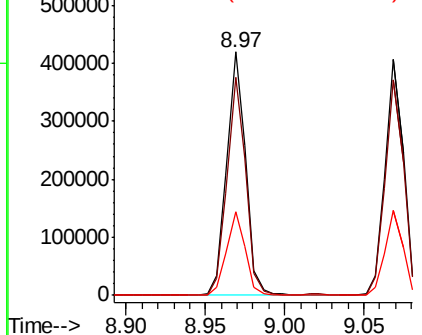
#37
2-Methylnaphthalene
Concen: 37.858 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	34.6	28.7	43.1

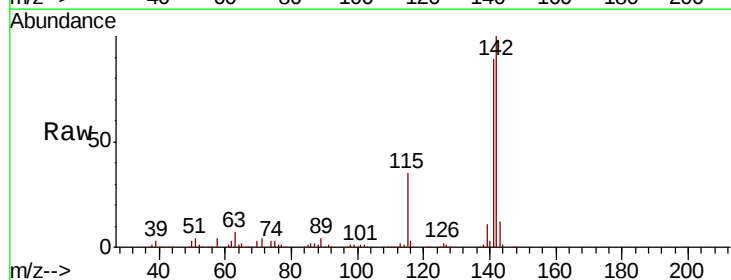


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

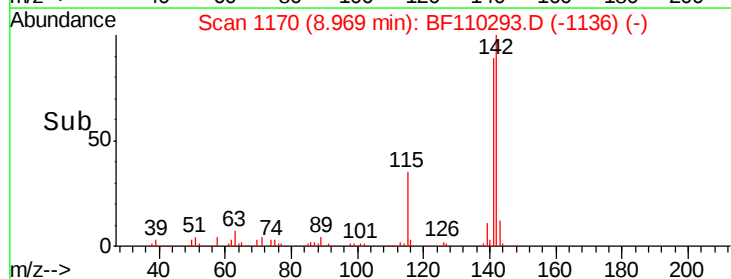
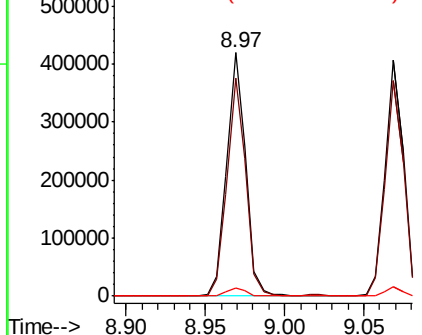


#38
1-Methylnaphthalene
Concen: 39.175 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.10 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.2	111.4
116	3.5	2.6	4.0



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: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

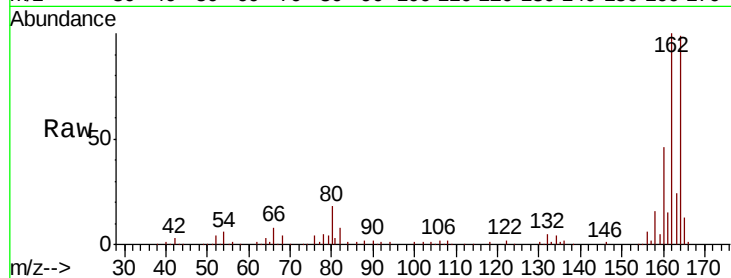
Tot Ion:164 Resp: 123285

Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.6

160 46.8 37.0 55.6

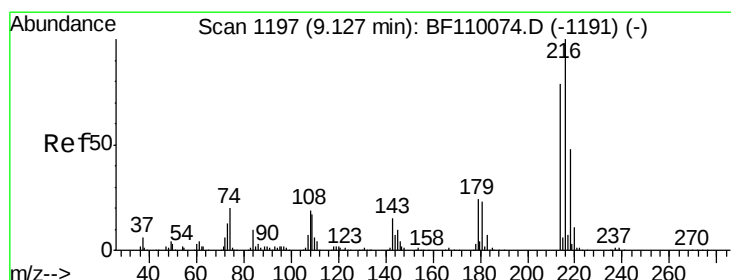
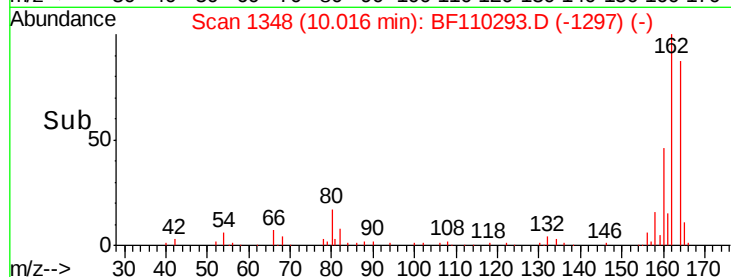
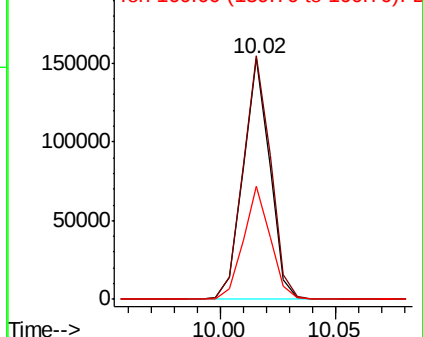


Abundance

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: 43.081 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Tgt Ion:216 Resp: 165488

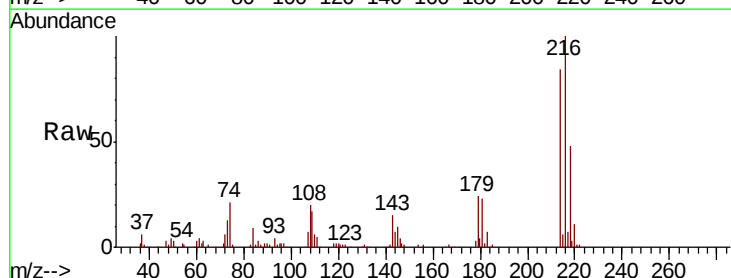
Ion Ratio Lower Upper

216 100

214 80.8 63.8 95.6

179 22.8 16.6 25.0

108 18.1 15.1 22.7



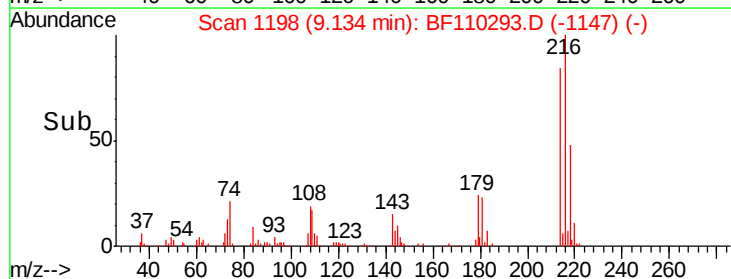
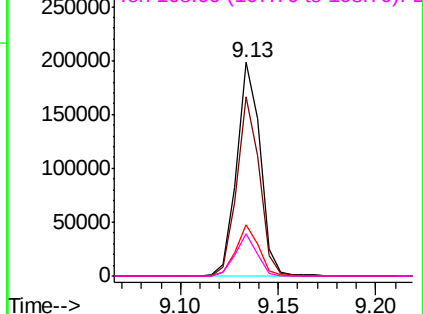
Abundance

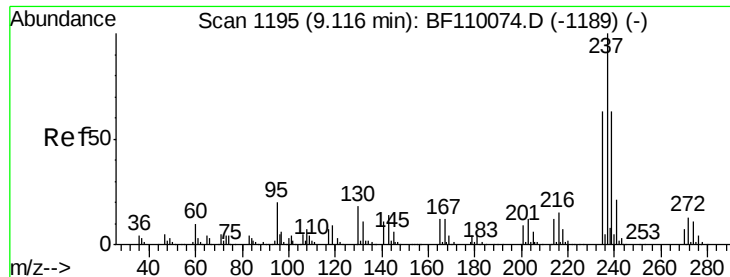
Ion 216.00 (215.70 to 216.70): E

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: 2.229 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

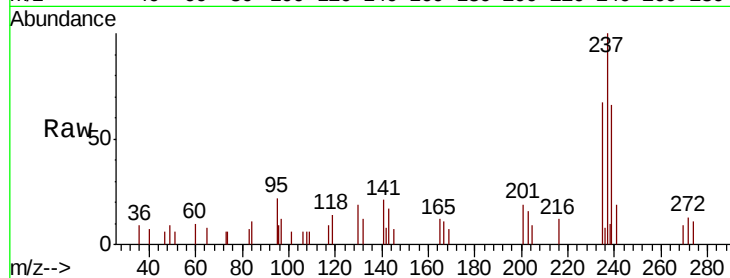
Tot Ion:237 Resp: 4378

Ion Ratio Lower Upper

237 100

235 67.0 43.1 83.1

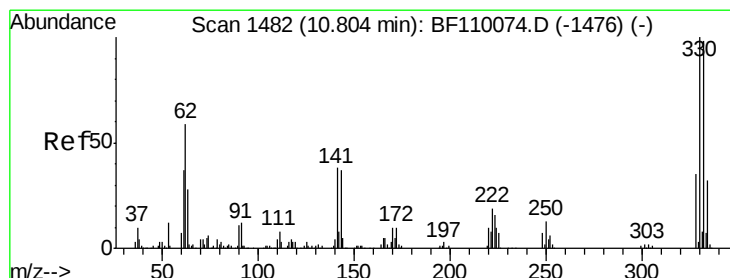
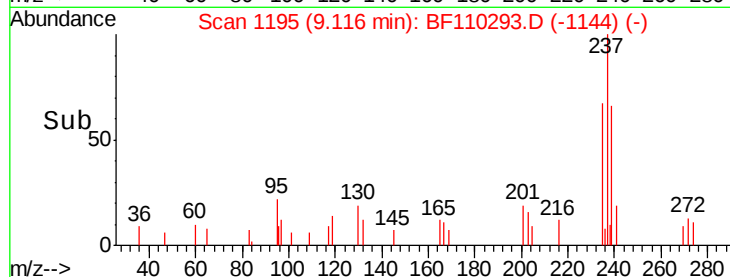
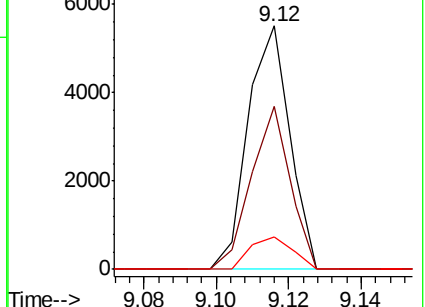
272 13.4 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 59.265 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

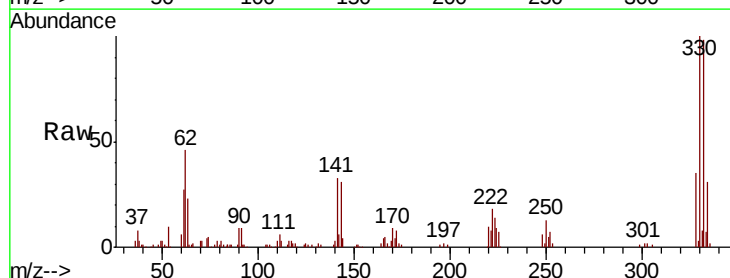
Tgt Ion:330 Resp: 72375

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

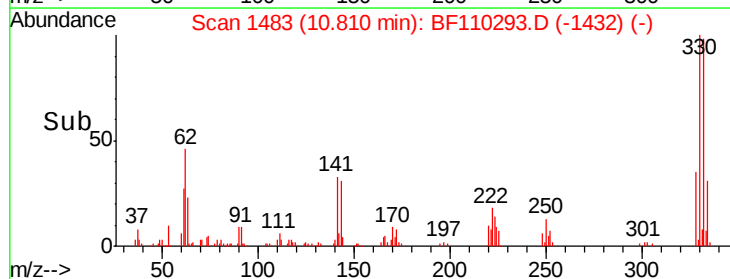
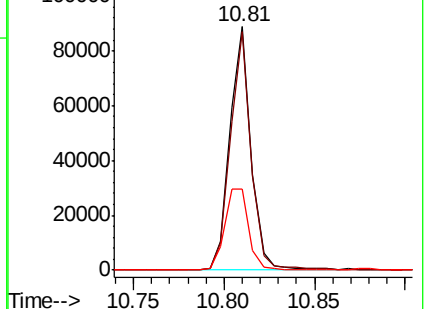
141 38.0 27.0 40.4



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

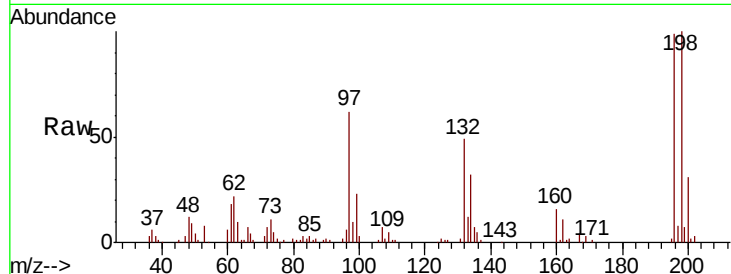




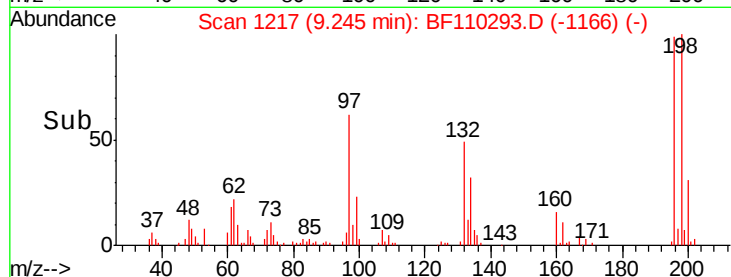
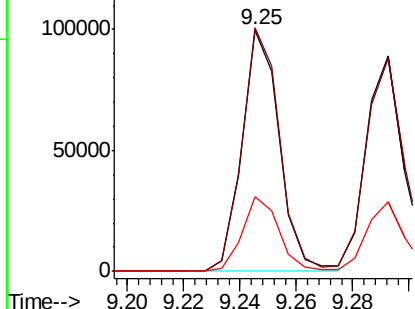
#43
 2,4,6-Trichlorophenol
 Concen: 37.191 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 92144
 Ion Ratio Lower Upper
 196 100
 198 100.8 76.2 114.4
 200 30.9 24.4 36.6



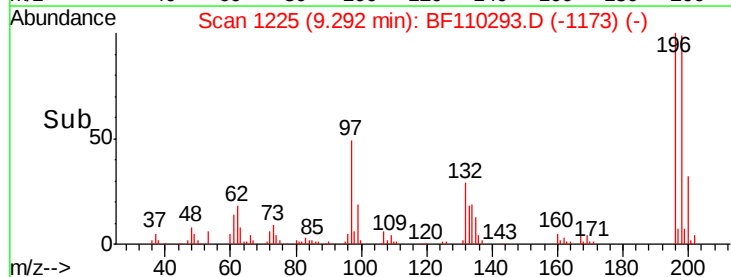
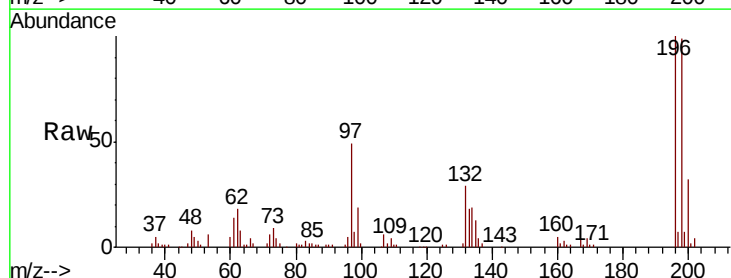
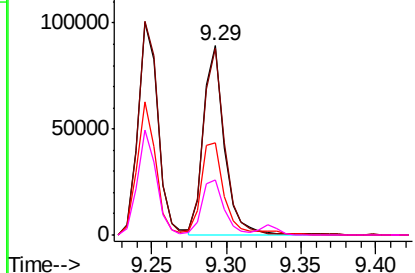
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

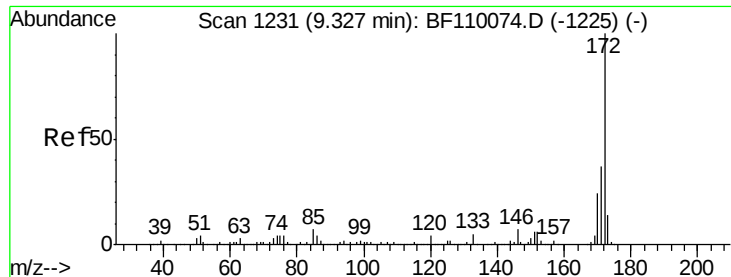


#44
 2,4,5-Trichlorophenol
 Concen: 33.296 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Tgt Ion:196 Resp: 87199
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.8 113.6
 97 48.5 42.4 63.6
 132 29.2 22.8 34.2

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

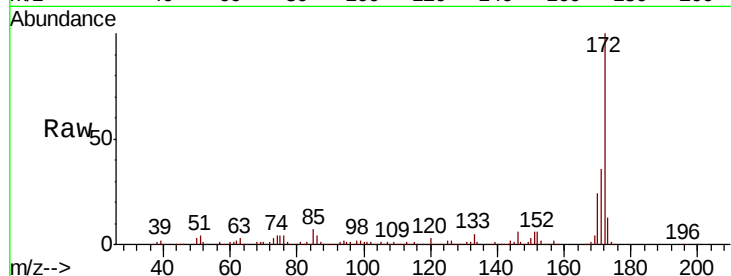




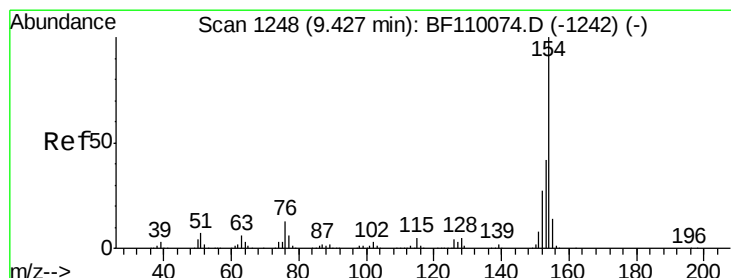
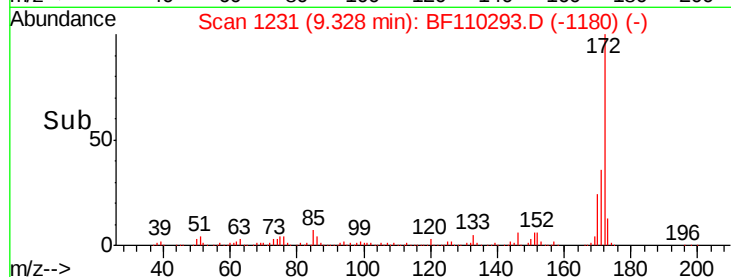
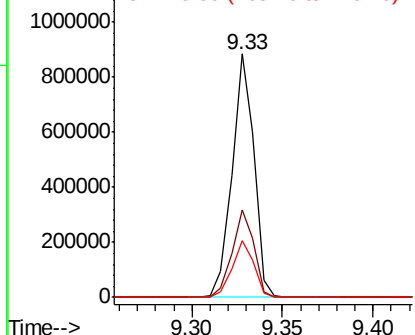
#45
 2-Fluorobiphenyl
 Concen: 94.394 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 741112
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.5 19.7 29.5

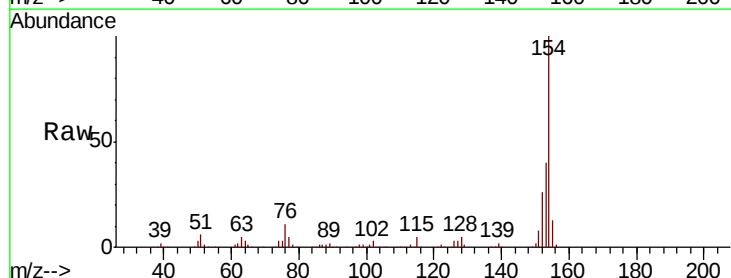


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

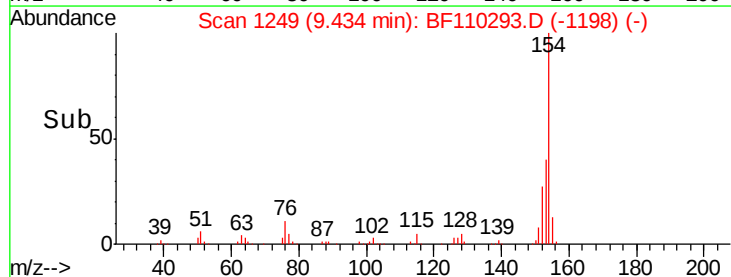
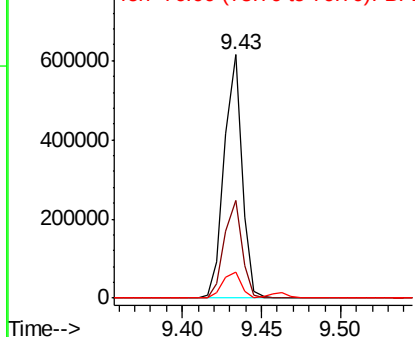


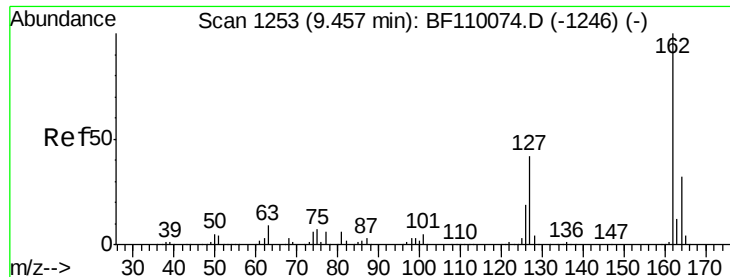
#46
 1,1'-Biphenyl
 Concen: 43.145 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Tgt Ion:154 Resp: 481001
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.4 60.4
 76 10.6 0.0 31.9



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

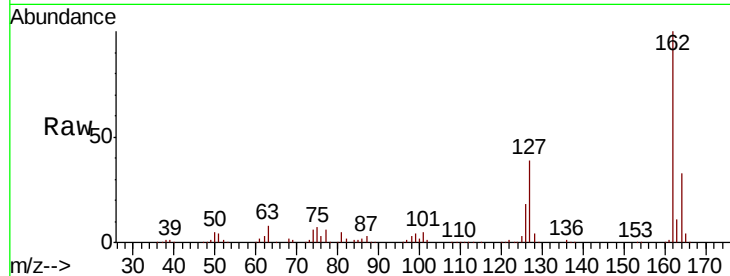




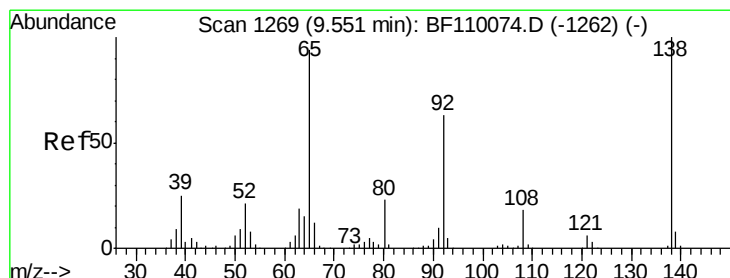
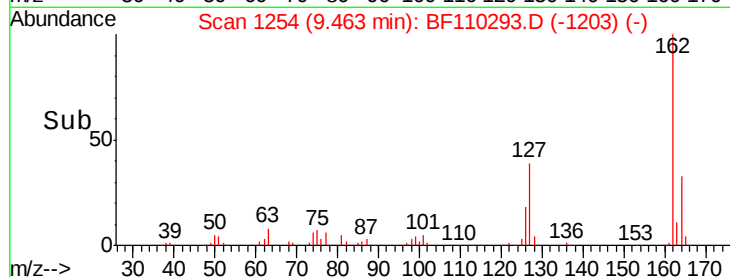
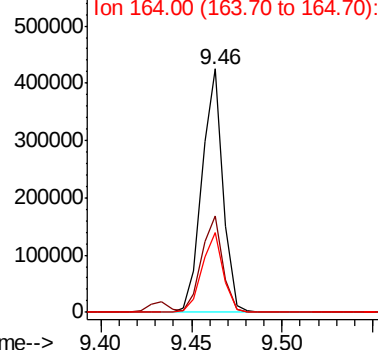
#47
 2-Chloronaphthalene
 Concen: 41.812 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.6	48.8
164	32.8	25.9	38.9

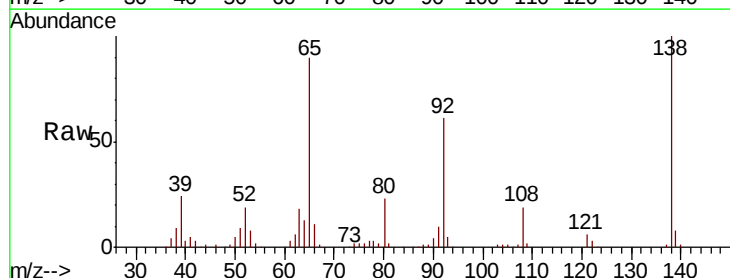


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

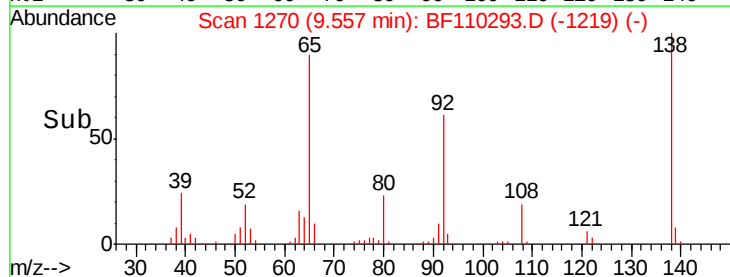
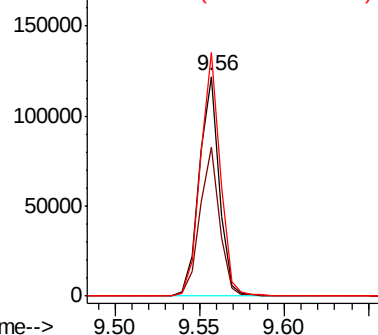


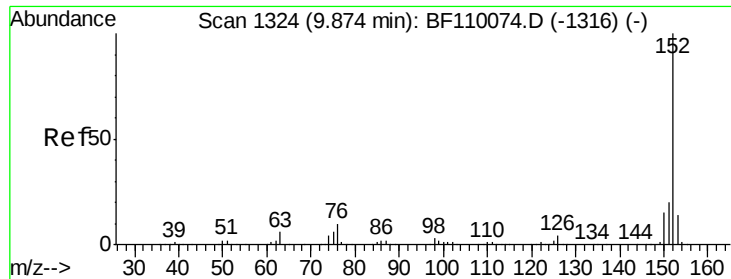
#48
 2-Nitroaniline
 Concen: 40.027 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.6	81.8
138	110.9	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.208 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

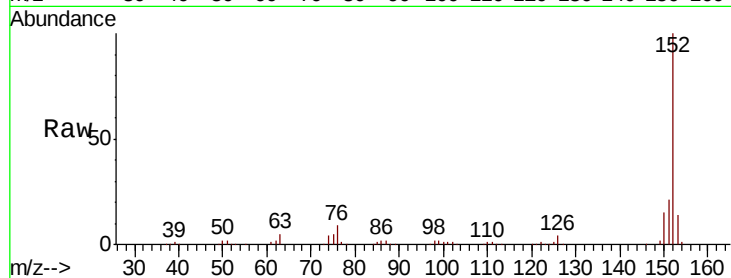
Tot Ion:152 Resp: 474929

Ion Ratio Lower Upper

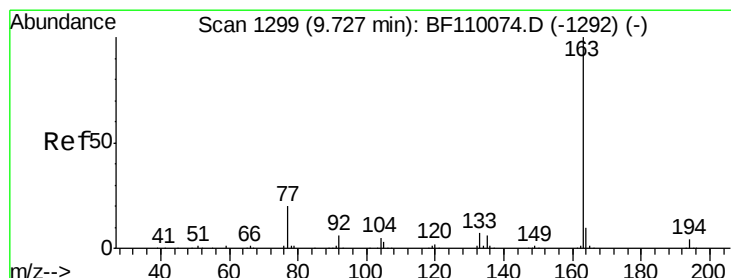
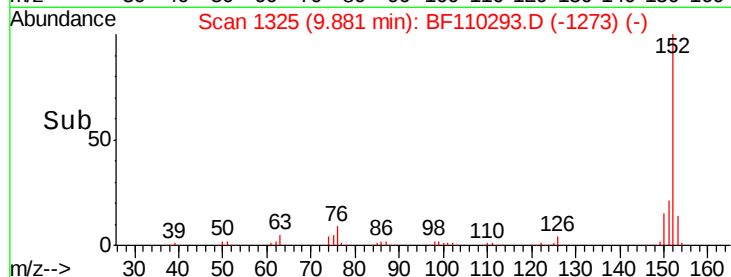
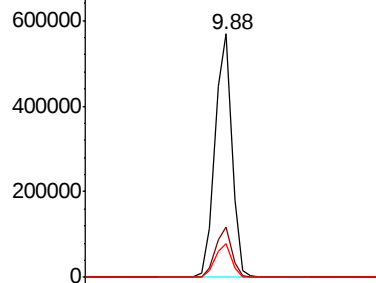
152 100

151 20.6 15.8 23.8

153 13.7 10.4 15.6



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



#50

Dimethylphthalate

Concen: 42.715 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

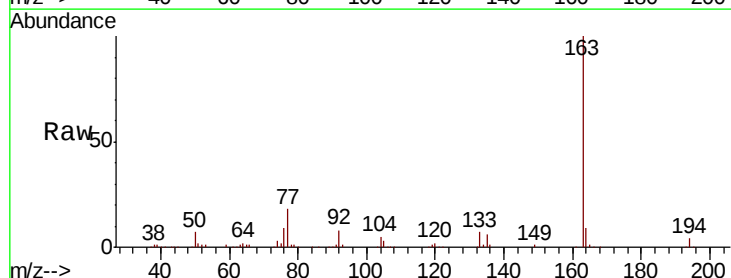
Tgt Ion:163 Resp: 388734

Ion Ratio Lower Upper

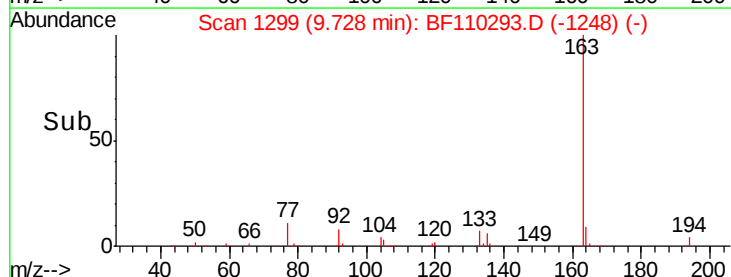
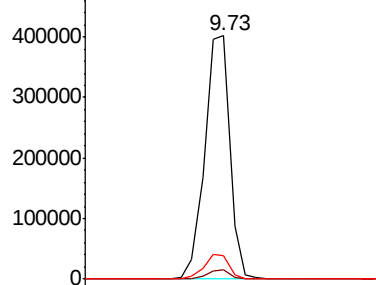
163 100

194 3.7 3.2 4.8

164 9.4 8.1 12.1



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





#51

2,6-Dinitrotoluene

Concen: 31.113 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

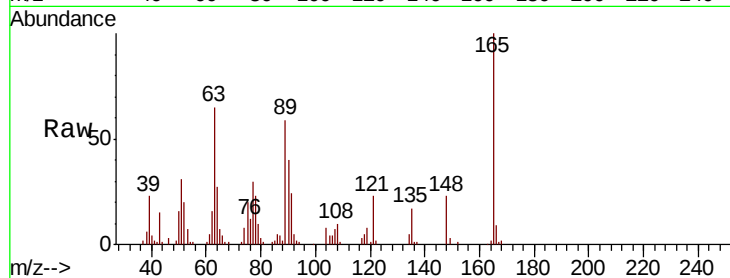
Tot Ion:165 Resp: 60991

Ion Ratio Lower Upper

165 100

63 64.8 48.9 73.3

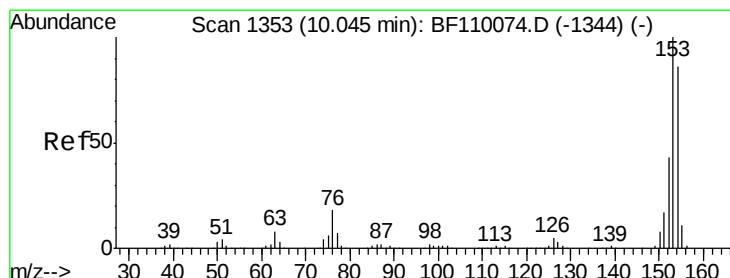
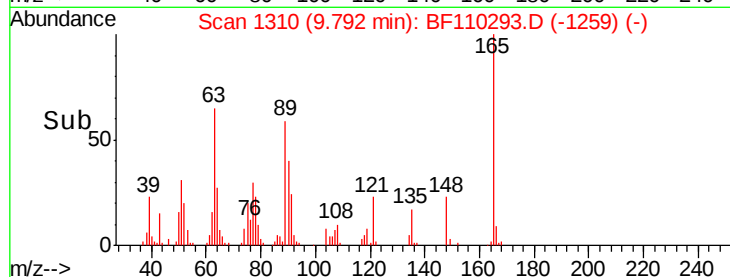
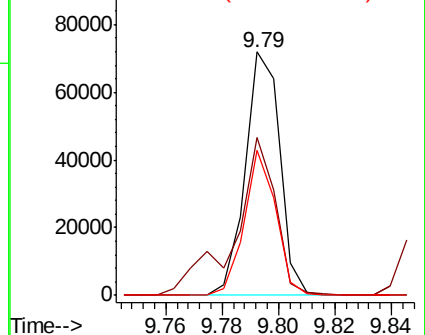
89 59.5 46.6 69.8



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: 37.937 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

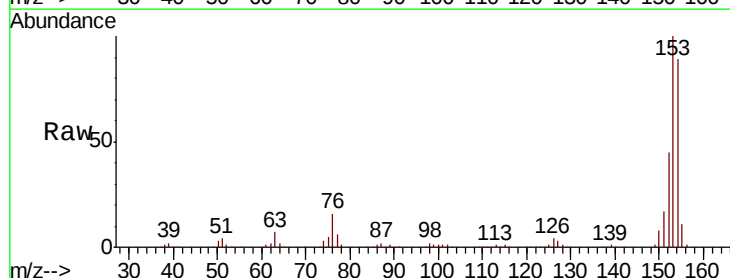
Tgt Ion:154 Resp: 296440

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

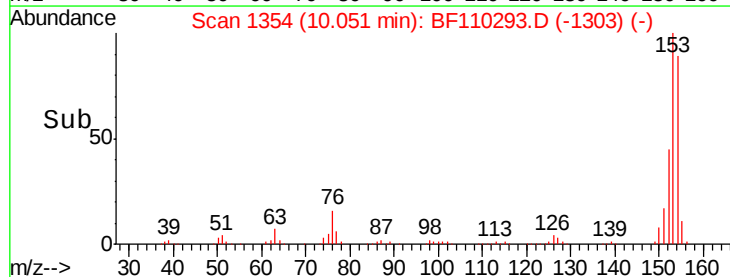
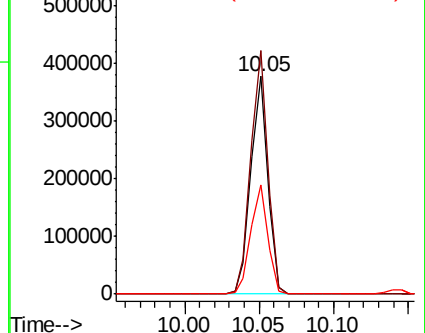
152 50.3 43.4 65.2

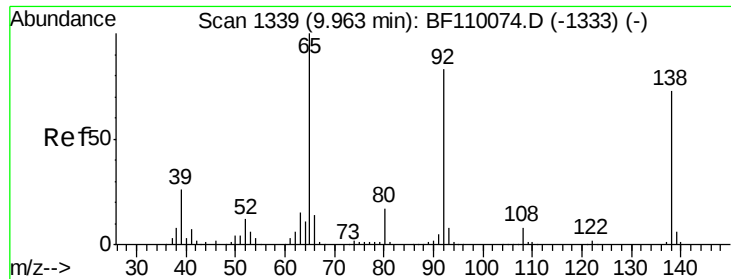


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

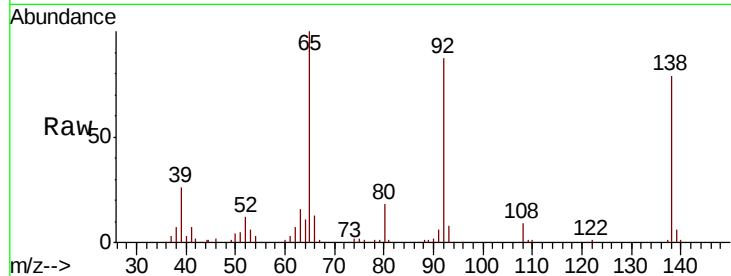




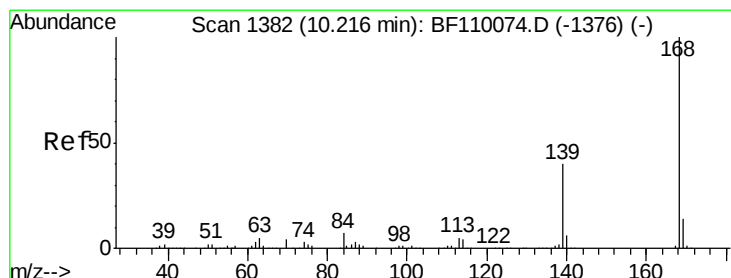
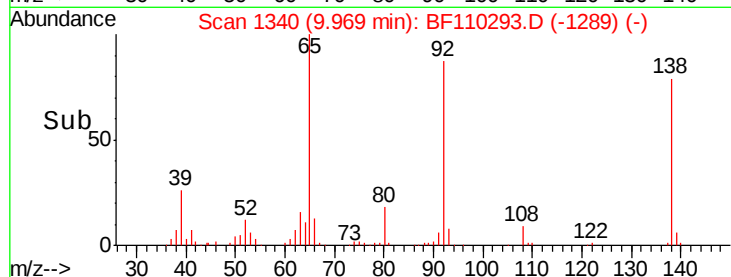
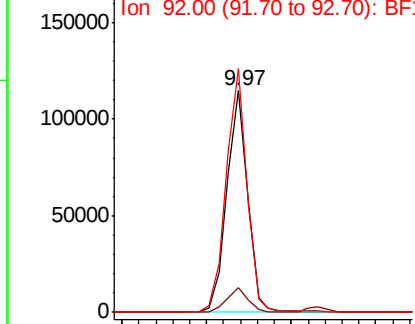
#53
3-Nitroaniline
Concen: 42.064 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 98059
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 110.0 97.0 145.4

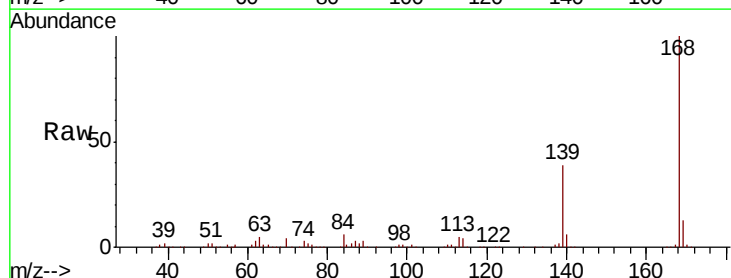


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

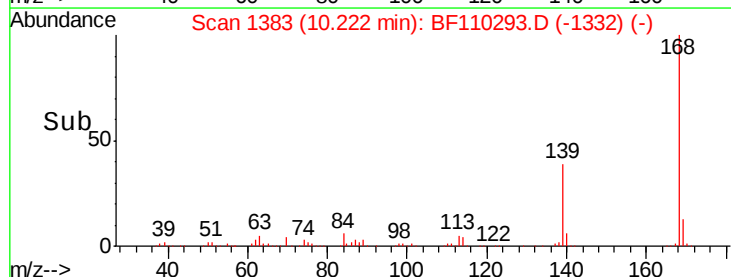
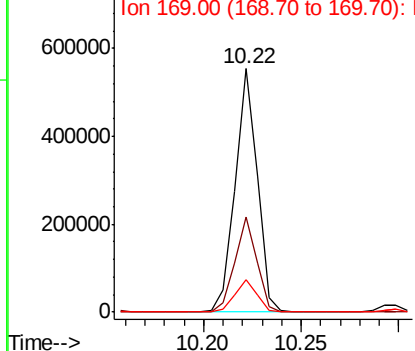


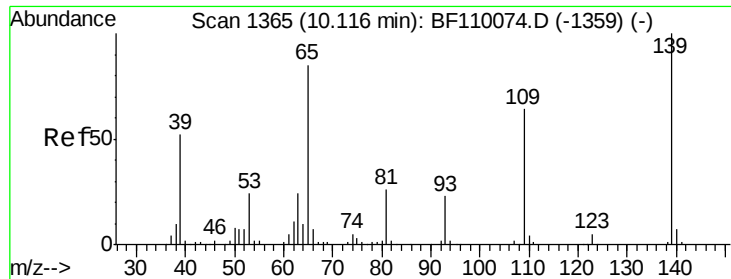
#55
Dibenzofuran
Concen: 39.752 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion:168 Resp: 434894
Ion Ratio Lower Upper
168 100
139 38.9 33.0 49.6
169 13.5 11.3 16.9



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

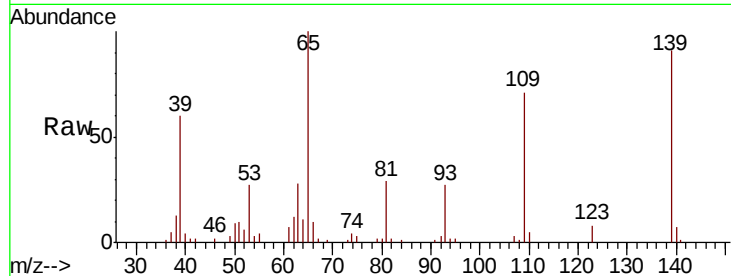




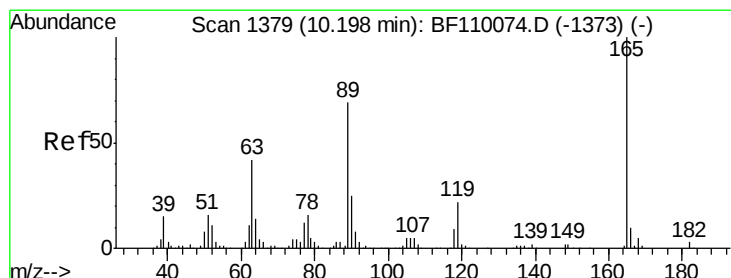
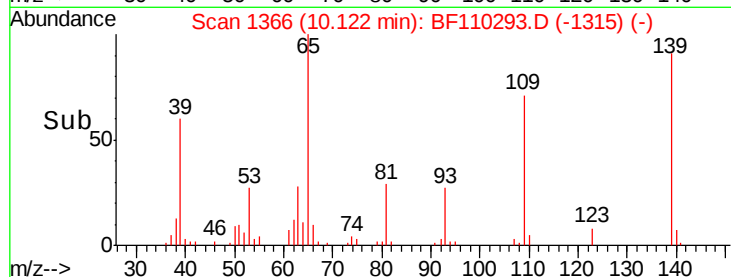
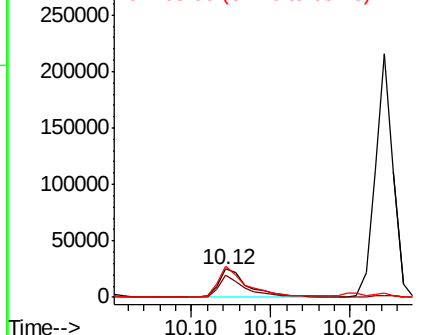
#56
4-Nitrophenol
Concen: 19.225 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 33170
Ion Ratio Lower Upper
139 100
109 78.2 55.8 95.8
65 109.5 77.9 117.9

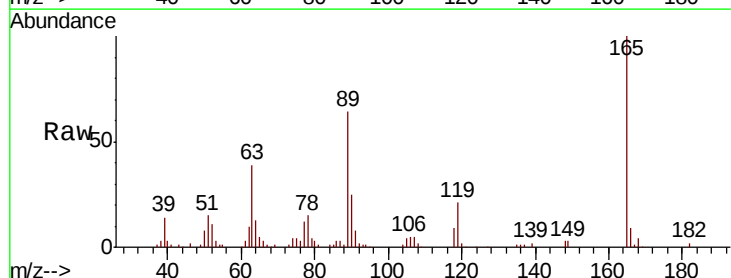


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

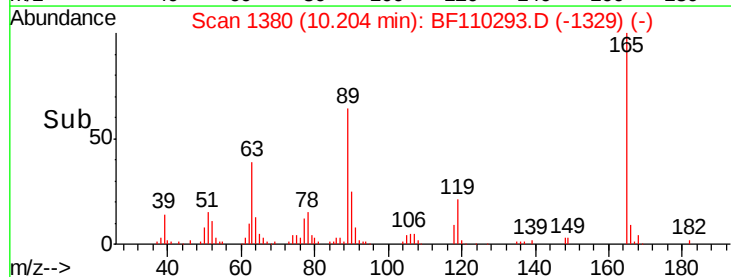
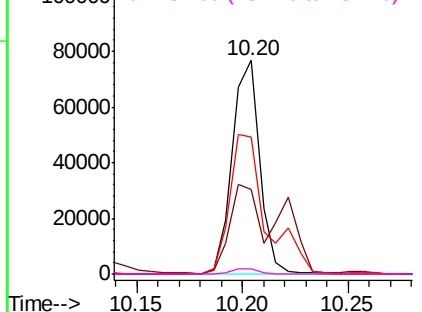


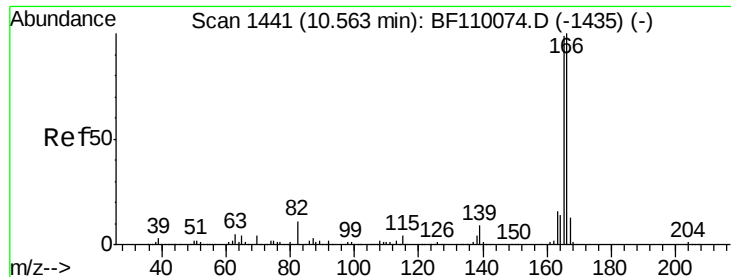
#57
2,4-Dinitrotoluene
Concen: 27.554 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion:165 Resp: 68609
Ion Ratio Lower Upper
165 100
63 39.3 44.8 67.2#
89 64.1 62.2 93.4
182 2.3 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

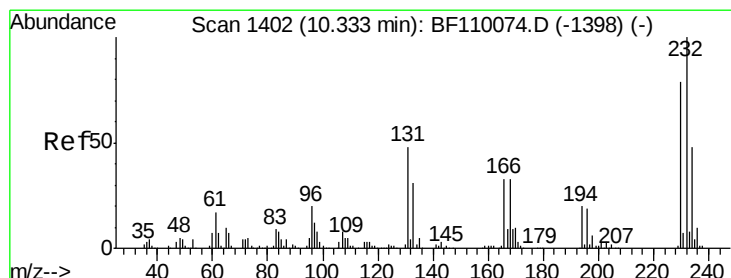
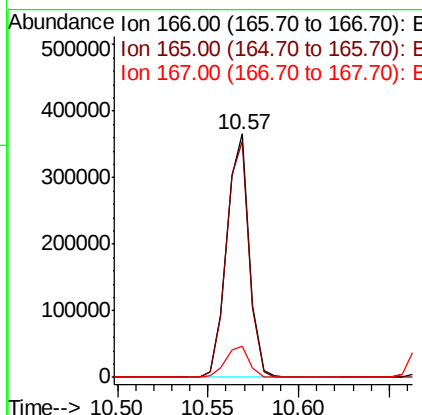
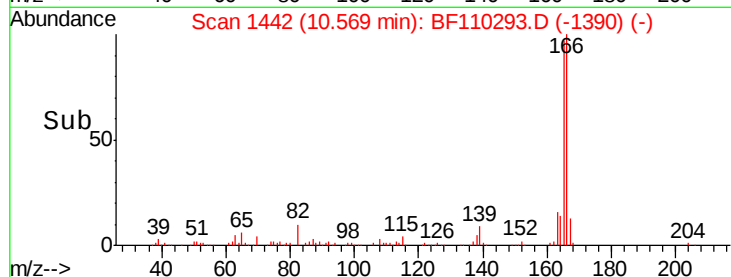
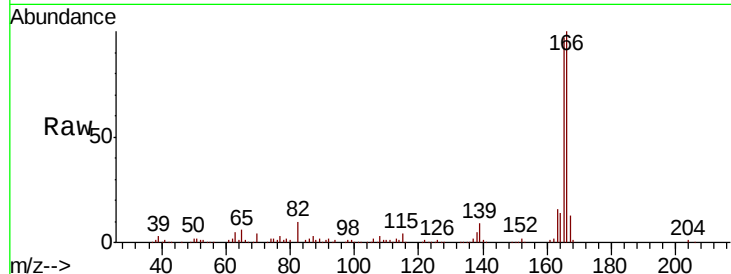




#58
 Fluorene
 Concen: 38.651 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

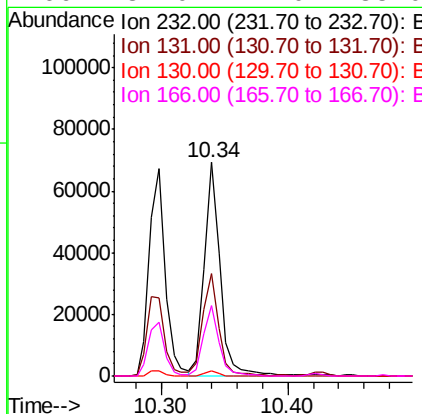
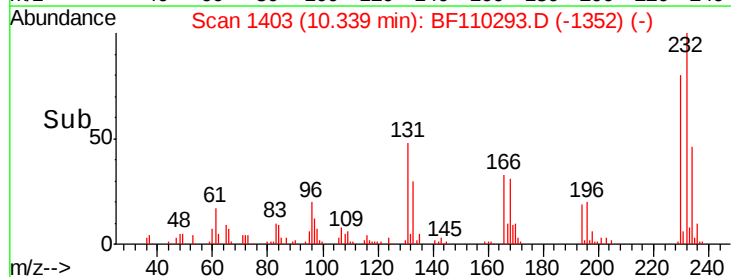
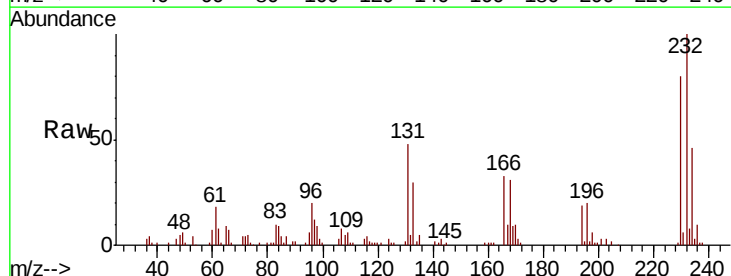
Instrument :
 BNA_F
 ClientSampleId :

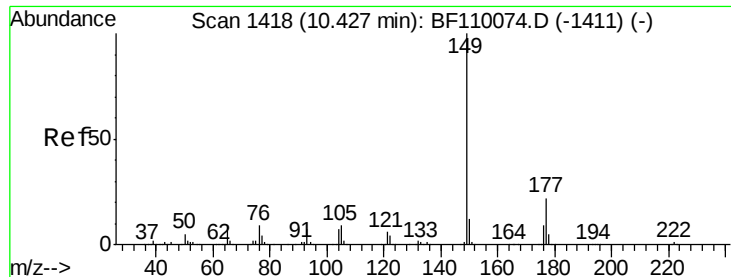
Tot Ion:166 Resp: 314703
 Ion Ratio Lower Upper
 166 100
 165 96.7 78.6 117.8
 167 12.8 10.8 16.2



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 28.630 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Tgt Ion:232 Resp: 61115
 Ion Ratio Lower Upper
 232 100
 131 47.7 37.0 55.4
 130 1.9 1.8 2.6
 166 32.0 22.0 33.0

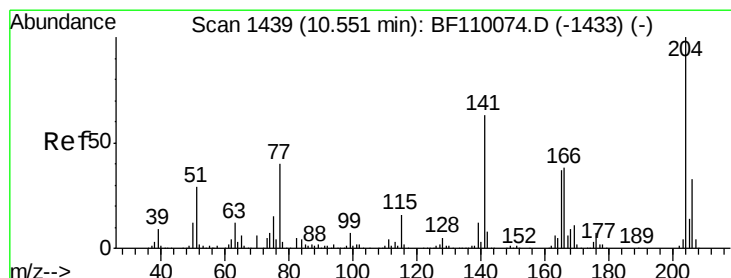
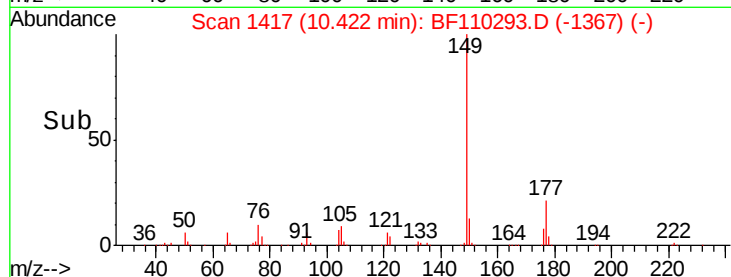
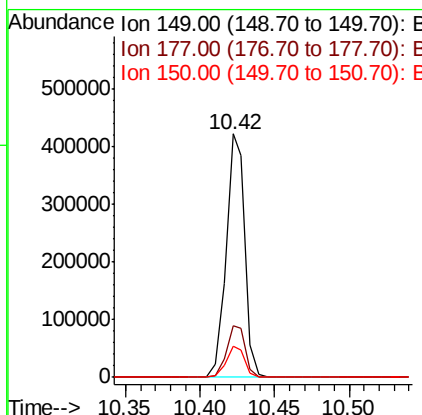
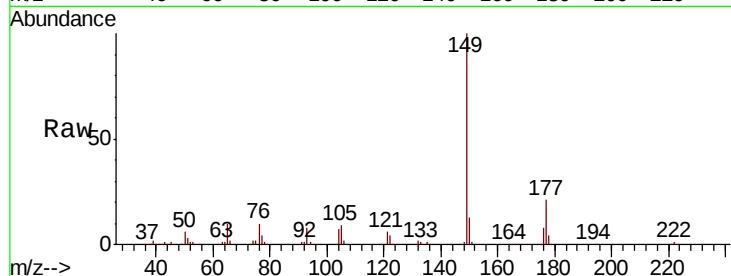




#60
Diethylphthalate
Concen: 41.954 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

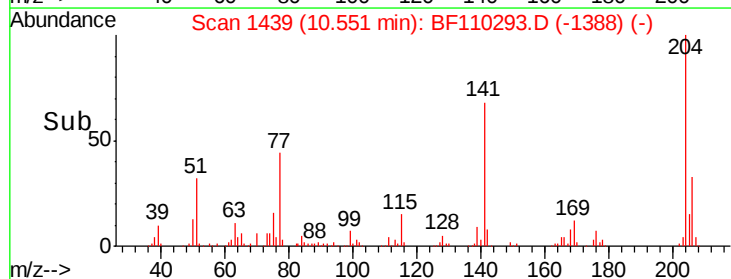
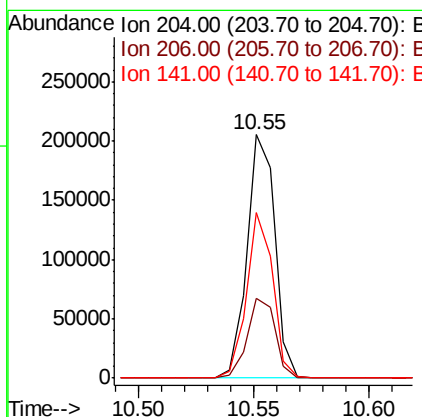
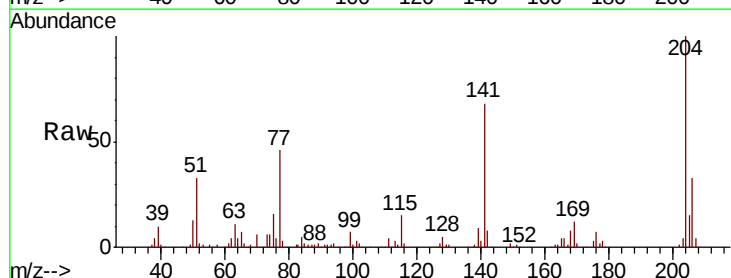
Instrument :
BNA_F
ClientSampleId :

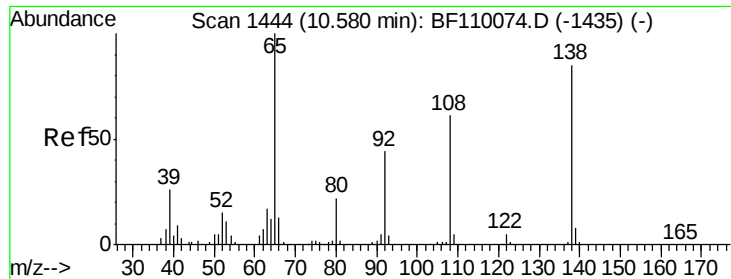
Tot Ion:149 Resp: 372708
Ion Ratio Lower Upper
149 100
177 21.0 17.4 26.2
150 12.8 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 40.424 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion:204 Resp: 173634
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 68.0 51.8 77.8

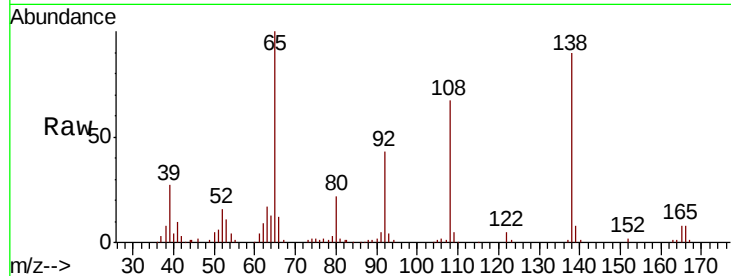




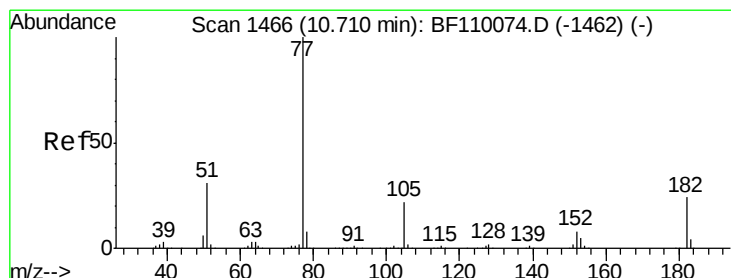
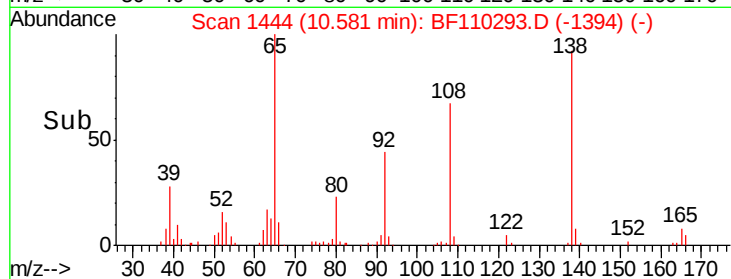
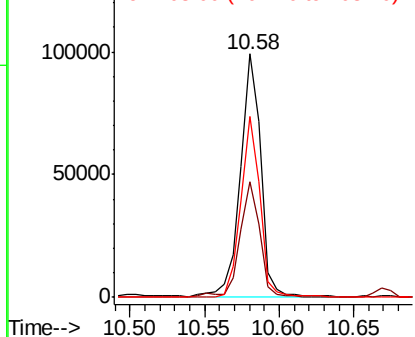
#62
4-Nitroaniline
Concen: 41.225 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 95584
Ion Ratio Lower Upper
138 100
92 47.5 31.7 71.7
108 74.5 59.3 99.3

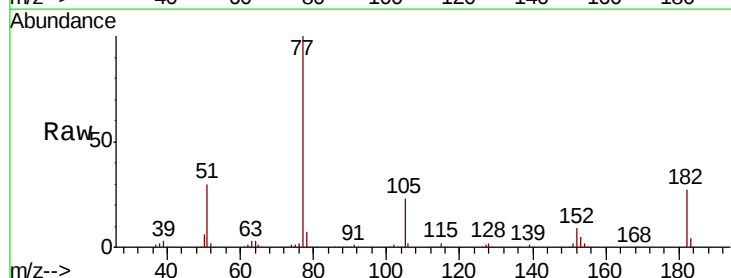


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

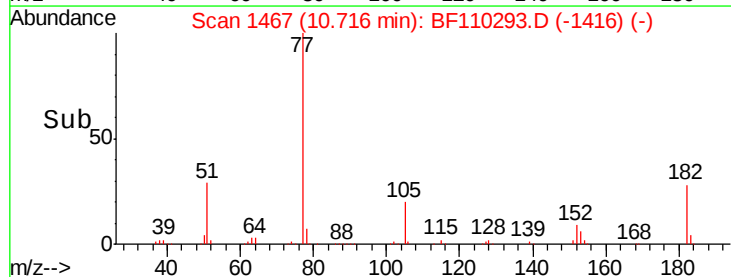
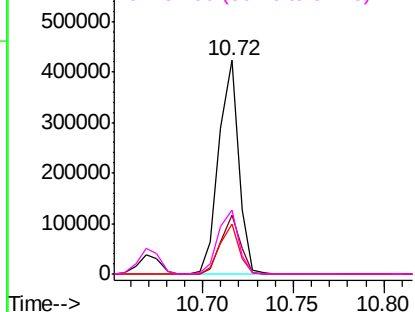


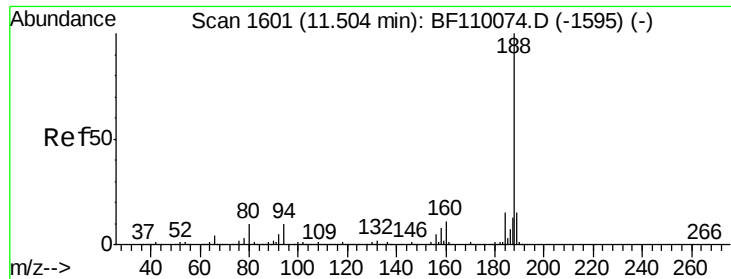
#63
Azobenzene
Concen: 36.843 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion: 77 Resp: 324881
Ion Ratio Lower Upper
77 100
182 27.4 4.3 44.3
105 23.4 1.3 41.3
51 29.9 9.0 49.0



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: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

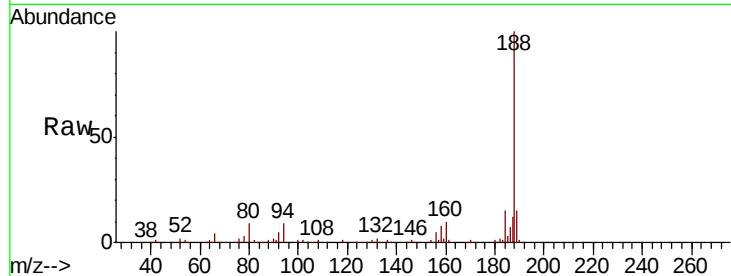
Tot Ion:188 Resp: 207204

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

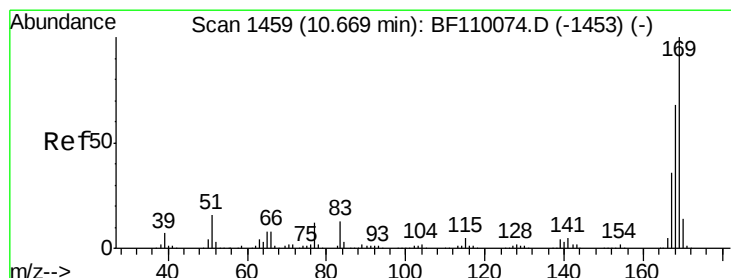
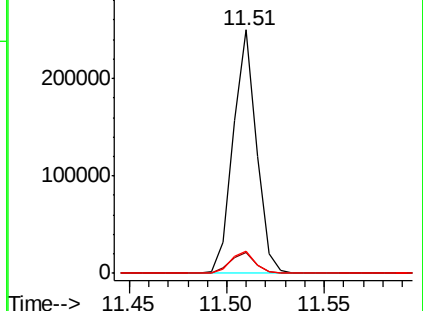
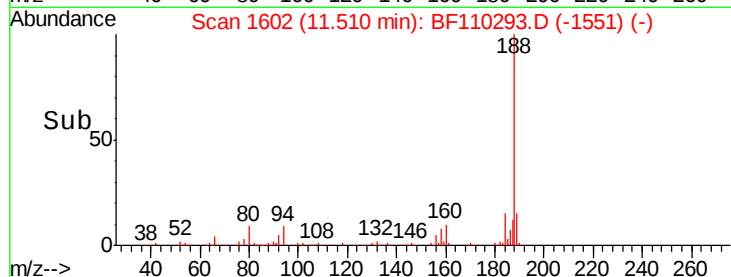
80 9.1 7.9 11.9



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



#66

n-Nitrosodiphenylamine

Concen: 44.160 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

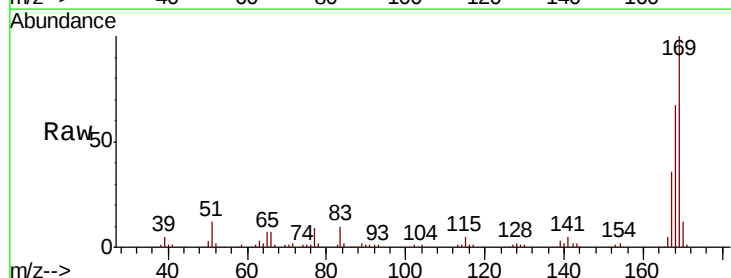
Tgt Ion:169 Resp: 300127

Ion Ratio Lower Upper

169 100

168 66.7 51.2 76.8

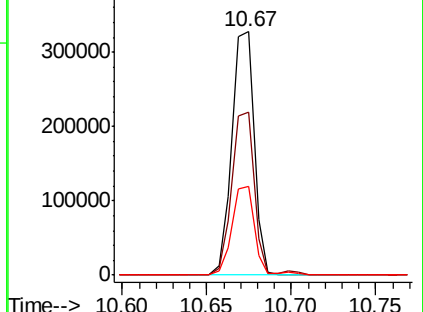
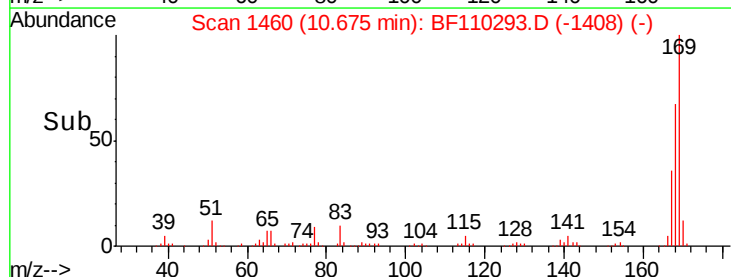
167 36.2 27.8 41.6

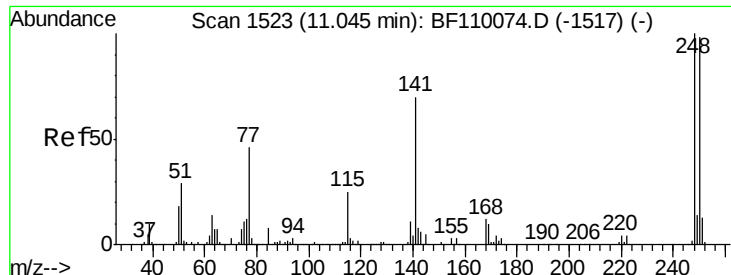


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

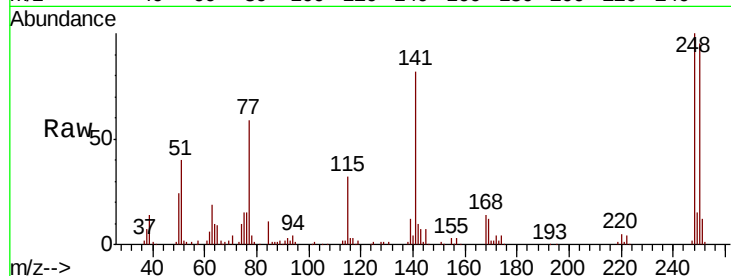




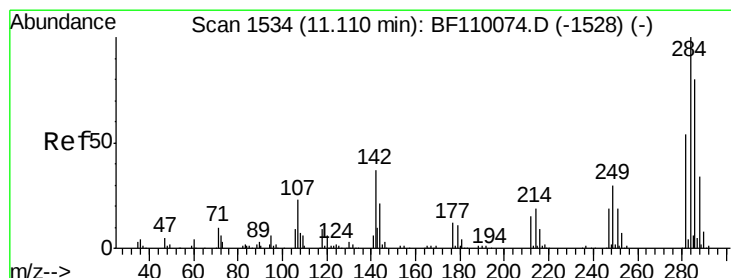
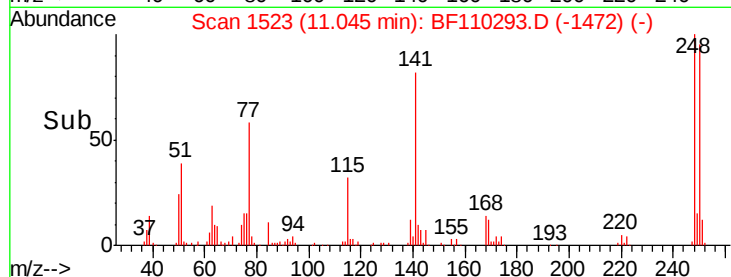
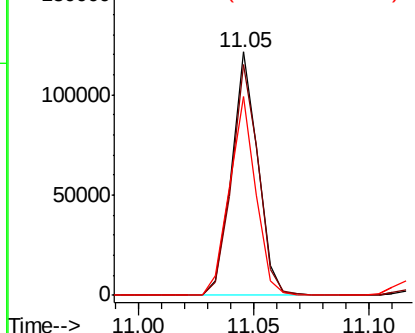
#67
 4-Bromophenyl-phenylether
 Concen: 43.012 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 96673
 Ion Ratio Lower Upper
 248 100
 250 94.9 79.4 119.2
 141 81.7 55.9 83.9

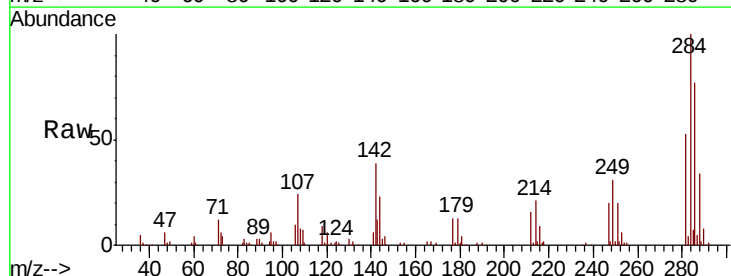


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

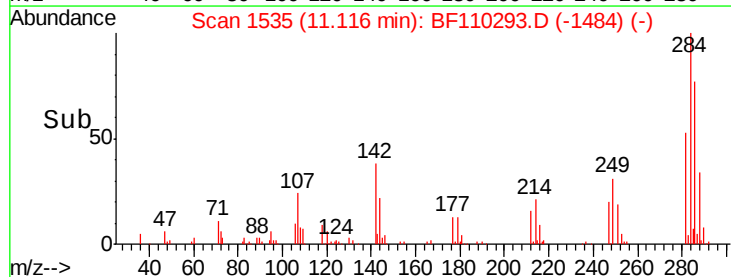
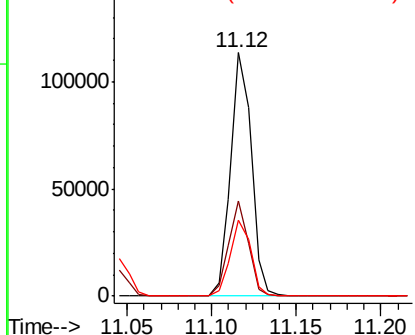


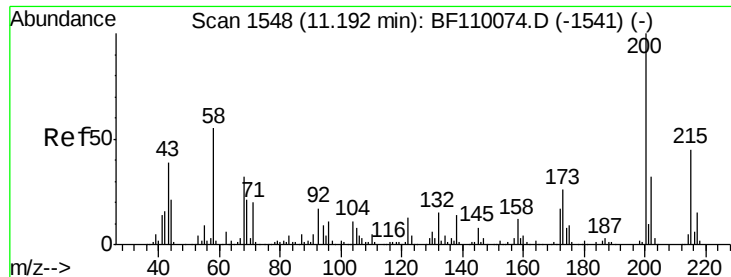
#68
 Hexachlorobenzene
 Concen: 40.777 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Tgt Ion:284 Resp: 97242
 Ion Ratio Lower Upper
 284 100
 142 39.0 23.9 35.9#
 249 31.2 24.2 36.2



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

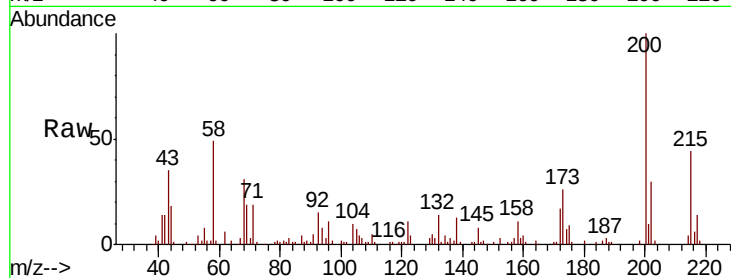




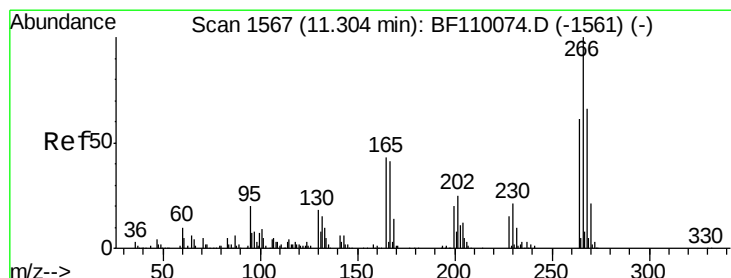
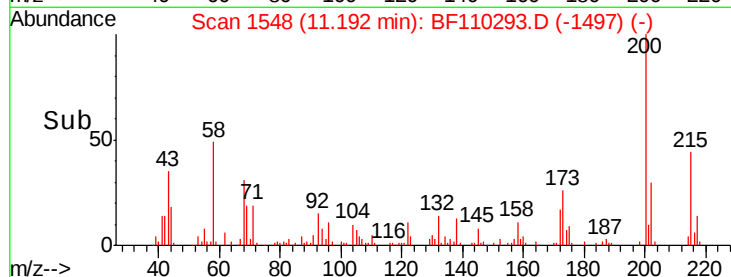
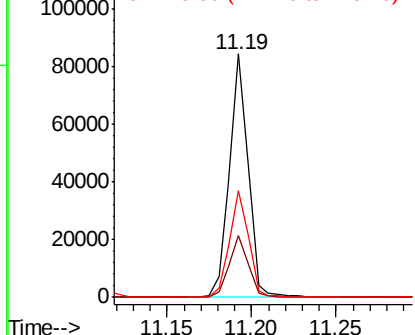
#69
 Atrazine
 Concen: 30.141 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.6	46.6
215	44.0	26.3	66.3

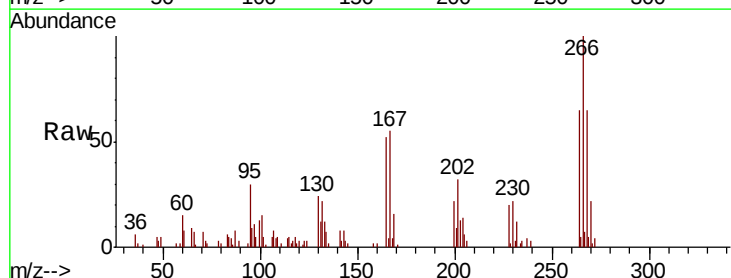


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

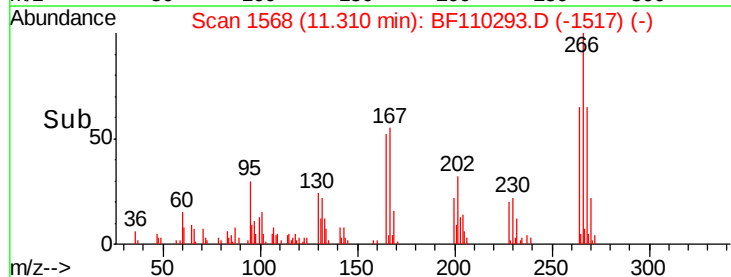
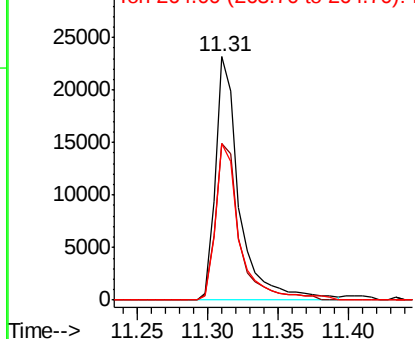


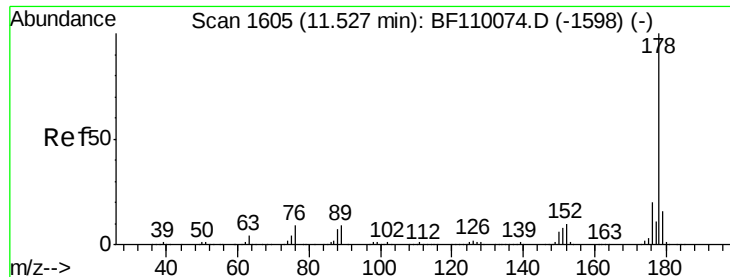
#70
 Pentachlorophenol
 Concen: 19.665 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	50.6	75.8
264	64.5	50.6	75.8



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

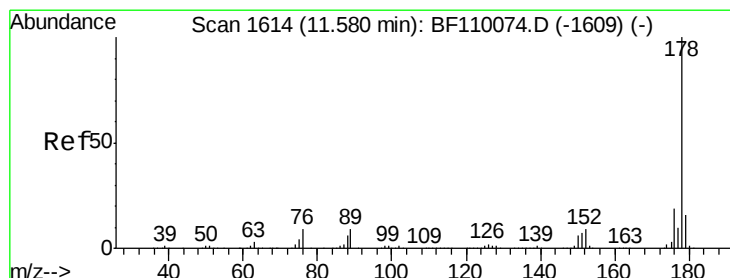
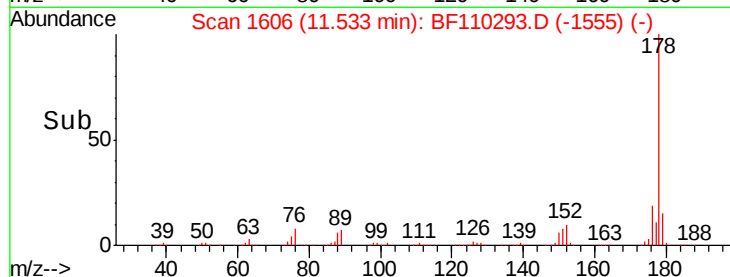
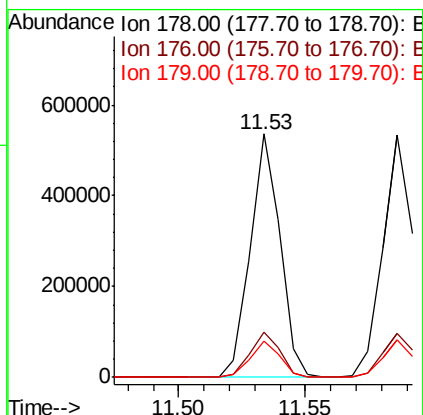
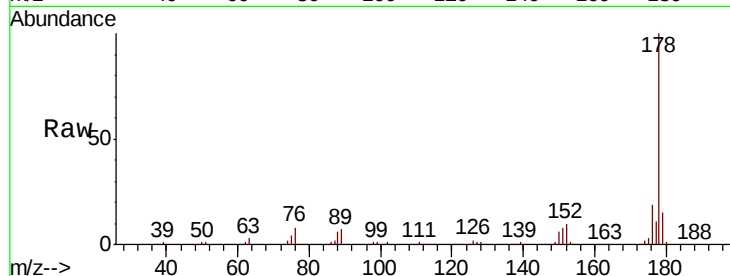




#71
Phenanthrene
Concen: 40.699 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

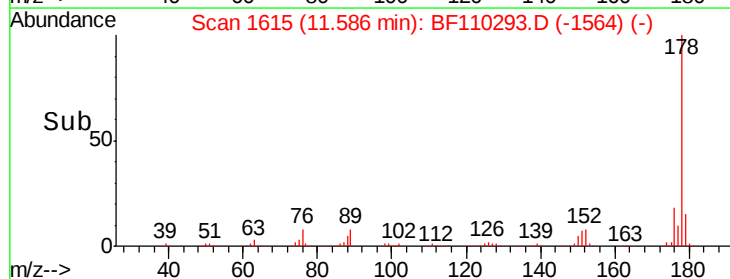
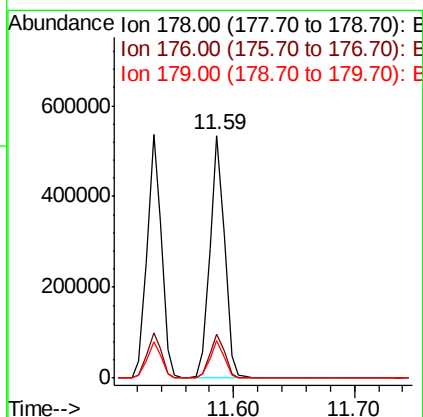
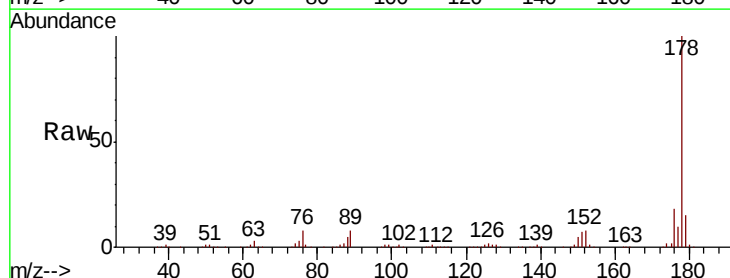
Instrument :
BNA_F
ClientSampleId :

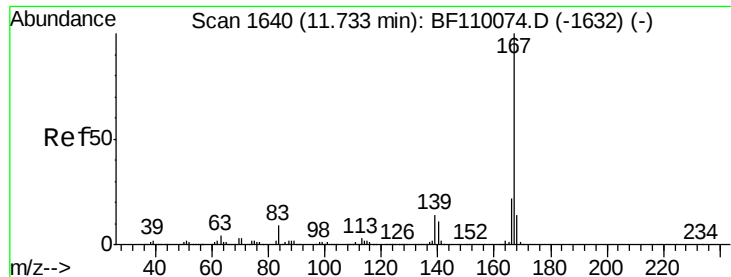
Tot Ion:178 Resp: 441254
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 14.9 12.5 18.7



#72
Anthracene
Concen: 41.132 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion:178 Resp: 446992
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.4 12.6 18.8





#73

Carbazole

Concen: 40.876 ng

RT: 11.74 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

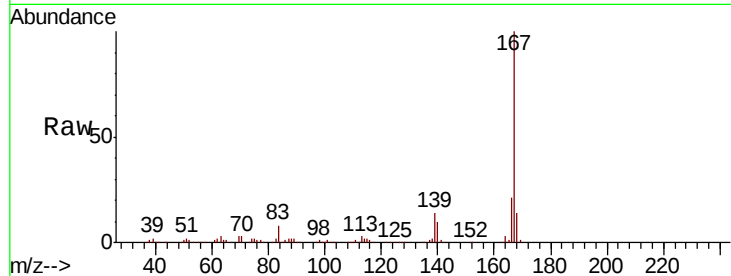
Tot Ion:167 Resp: 433723

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

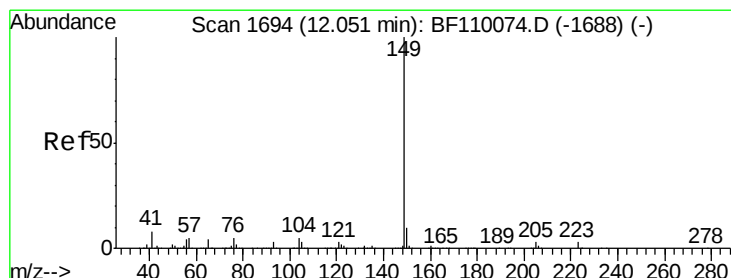
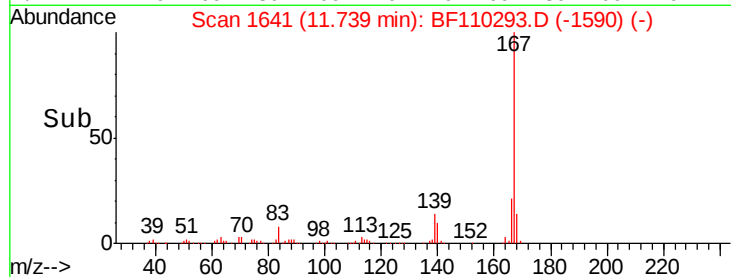
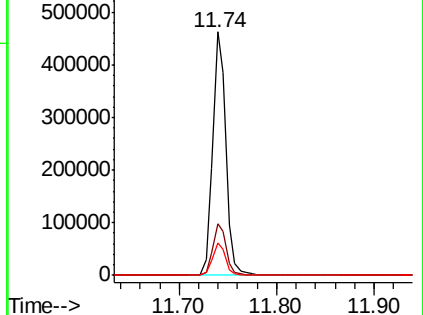
139 13.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.135 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

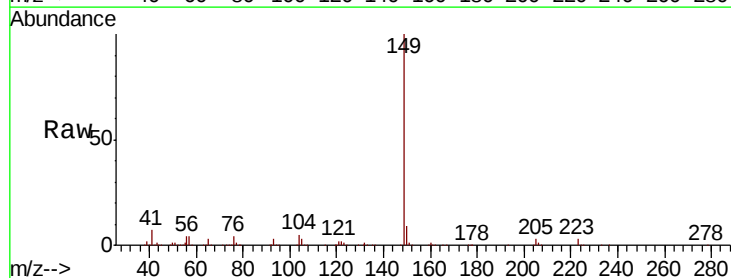
Tgt Ion:149 Resp: 540886

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

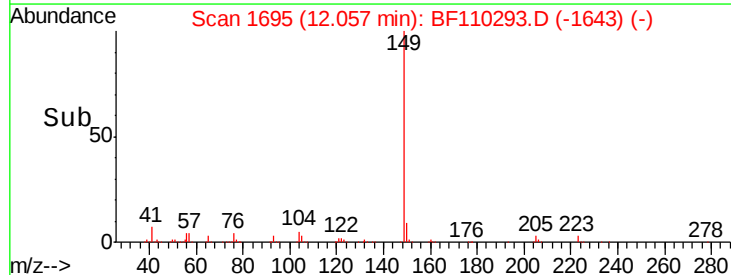
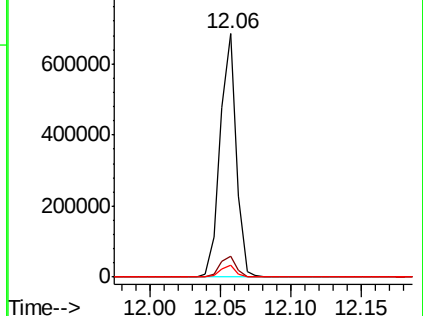
104 4.7 4.2 6.4

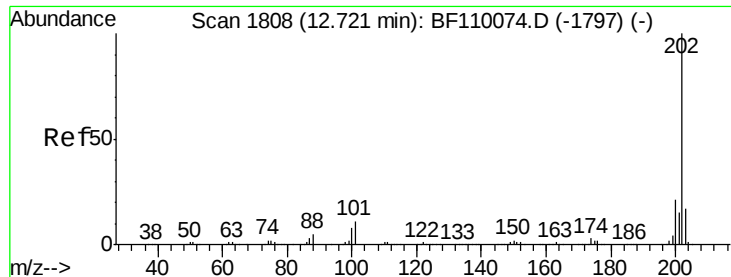


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.418 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

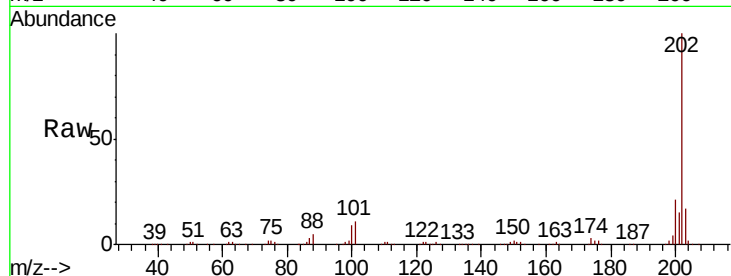
Tot Ion:202 Resp: 433730

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

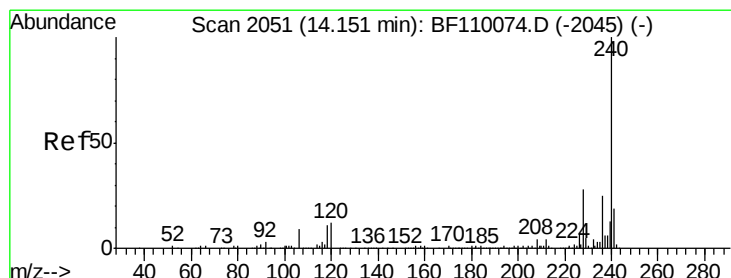
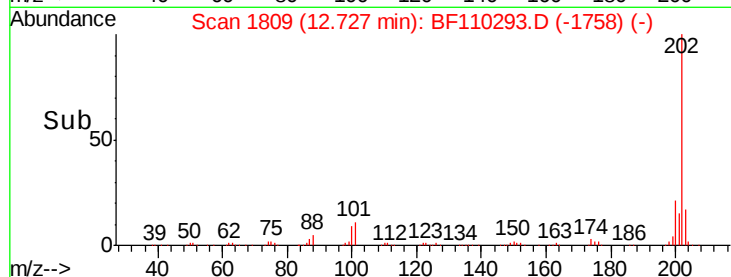
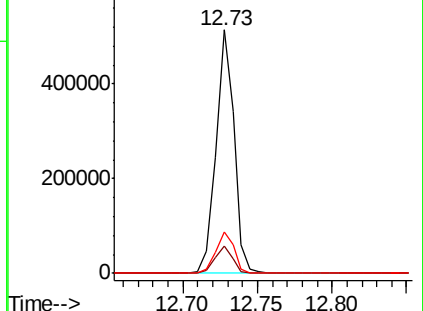
203 17.2 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

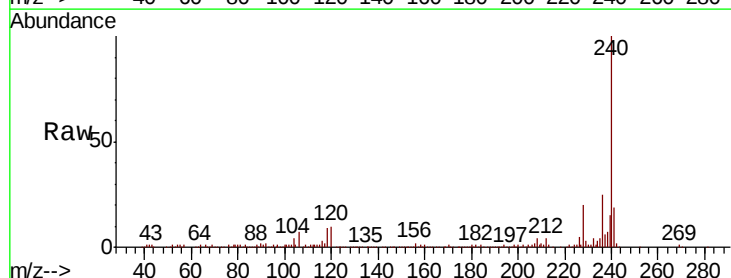
Tgt Ion:240 Resp: 142983

Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

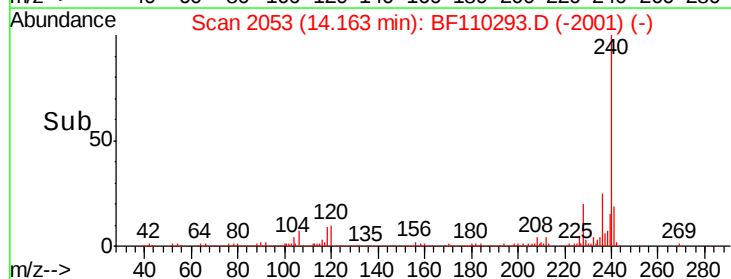
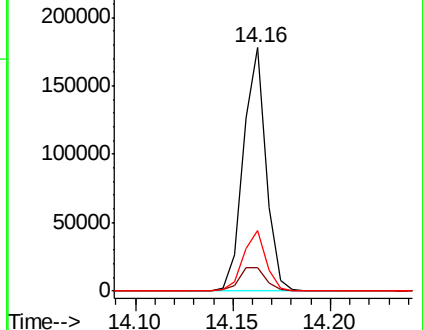
236 24.7 21.2 31.8

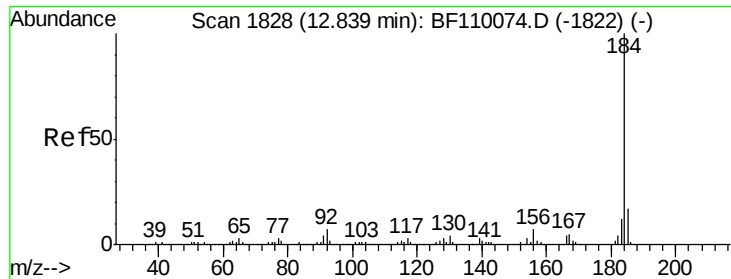


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

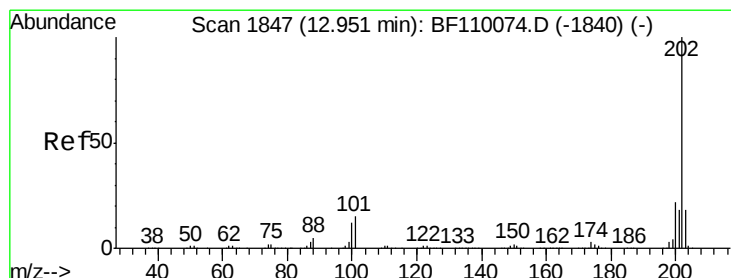
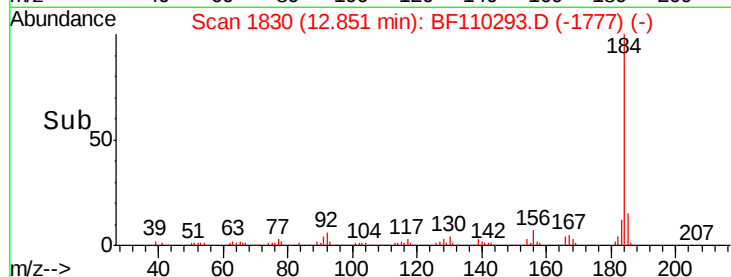
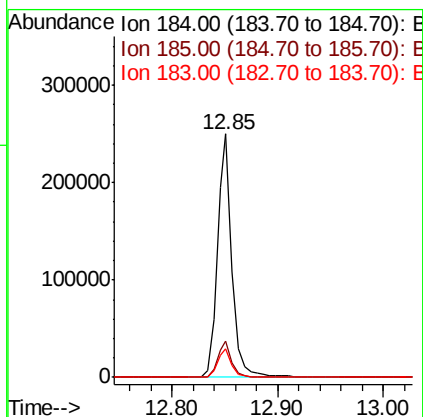
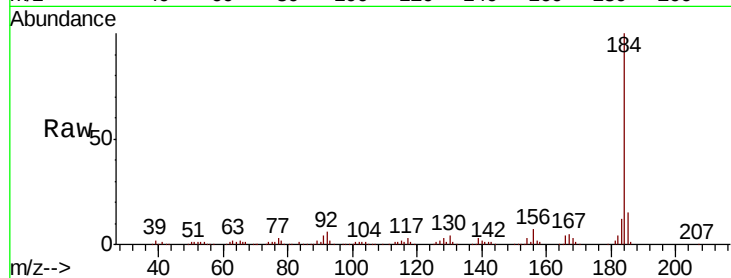




#77
Benzidine
Concen: Below Cal
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

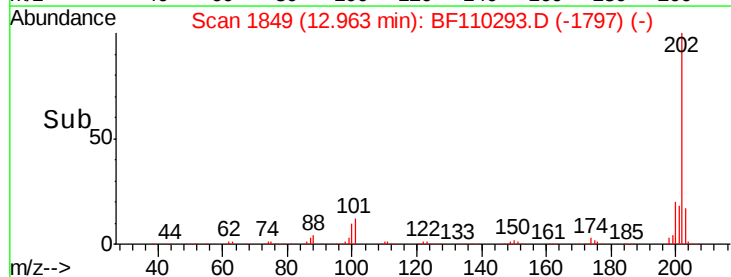
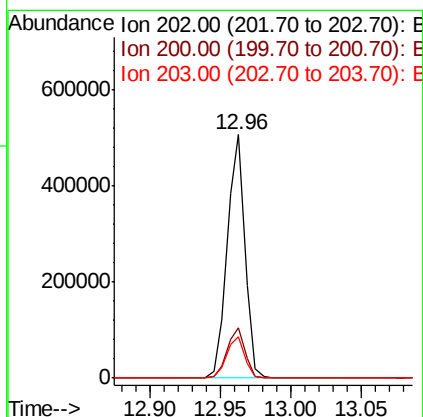
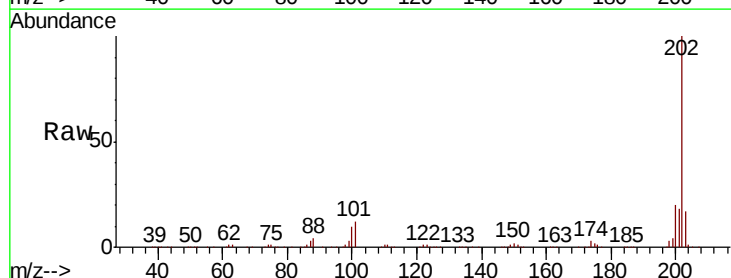
Instrument :
BNA_F
ClientSampleId :

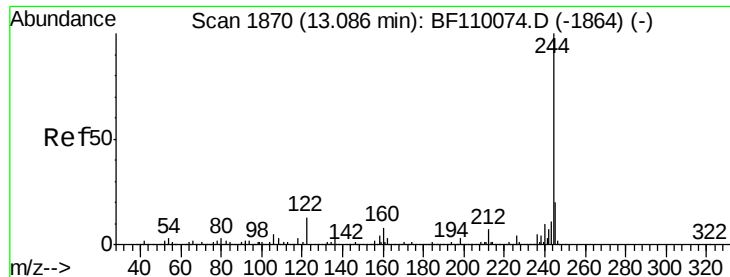
Tot Ion:184 Resp: 241673
Ion Ratio Lower Upper
184 100
185 14.8 13.4 20.2
183 11.6 9.4 14.2



#78
Pyrene
Concen: 42.998 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion:202 Resp: 440758
Ion Ratio Lower Upper
202 100
200 20.5 17.8 26.6
203 17.0 14.2 21.4





#79

Terphenyl-d14

Concen: 93.300 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

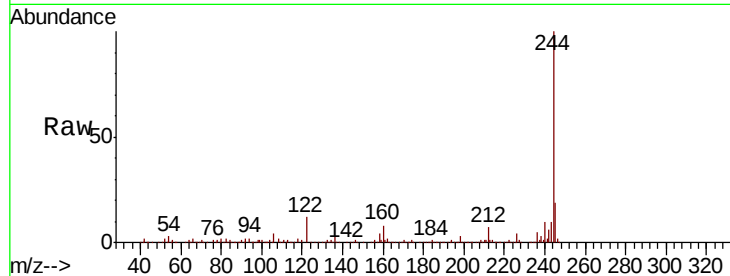
Tot Ion:244 Resp: 641453

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

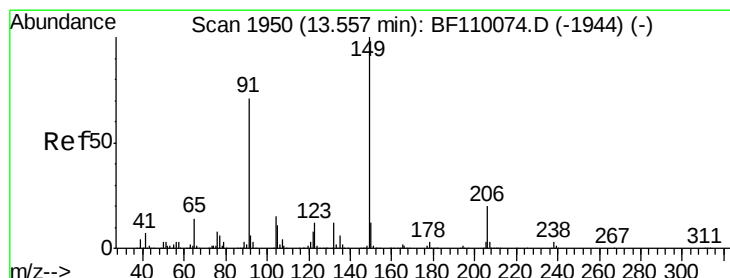
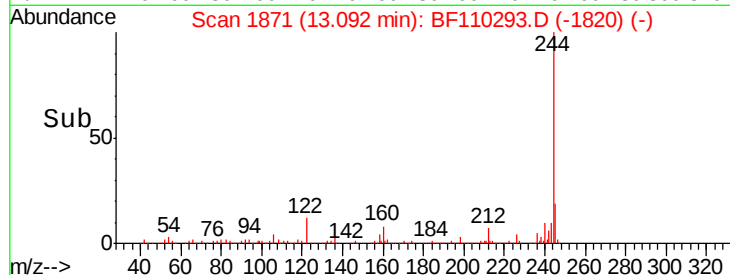
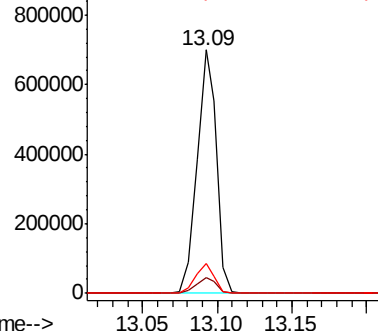
122 12.3 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.846 ng

RT: 13.56 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

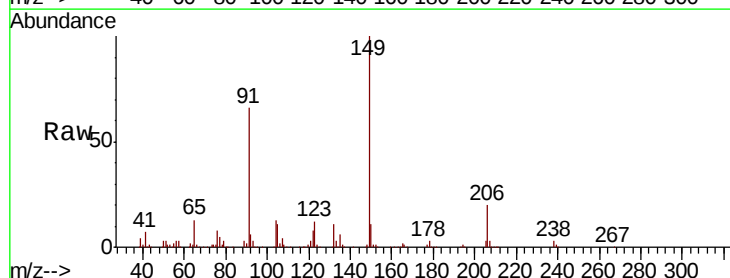
Tgt Ion:149 Resp: 208428

Ion Ratio Lower Upper

149 100

91 66.5 57.2 85.8

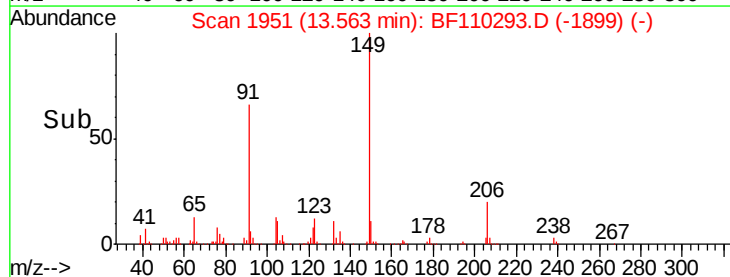
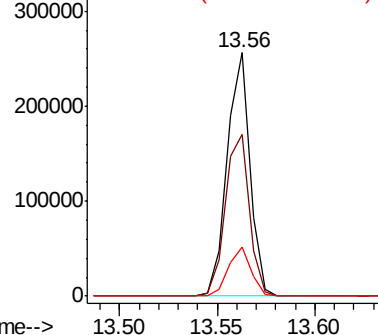
206 20.4 15.7 23.5

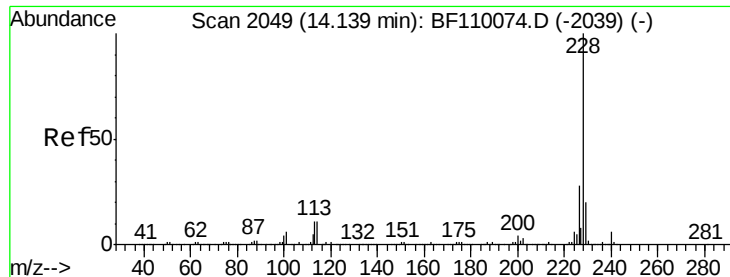


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.813 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

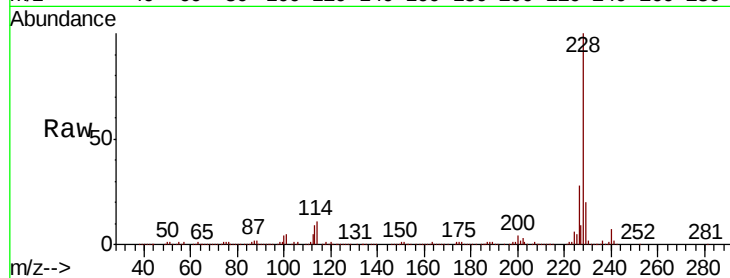
Tot Ion:228 Resp: 337578

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 19.9 15.6 23.4

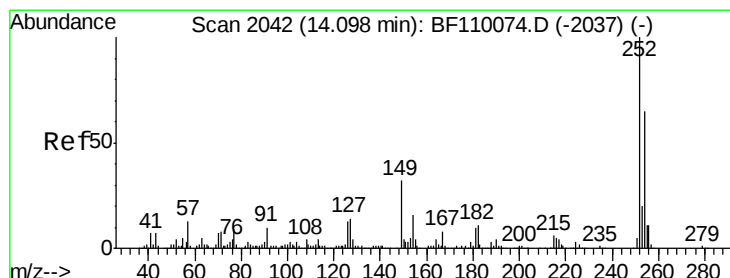
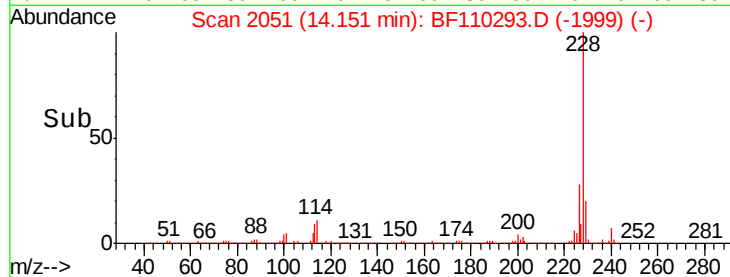
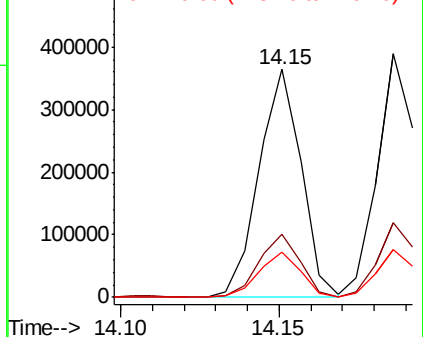


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.258 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

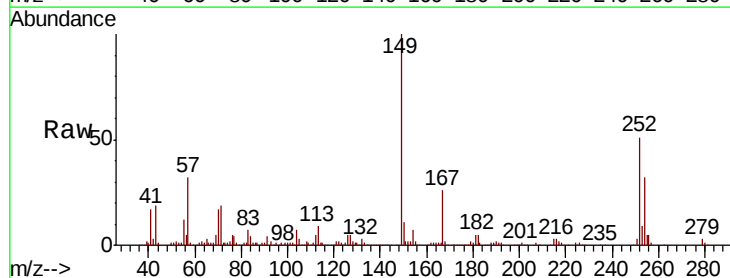
Tgt Ion:252 Resp: 136582

Ion Ratio Lower Upper

252 100

254 63.6 51.3 76.9

126 10.3 9.4 14.2

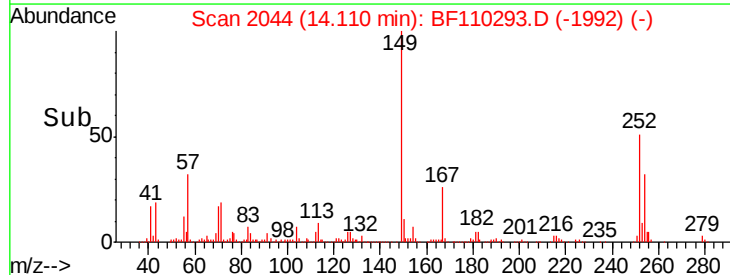
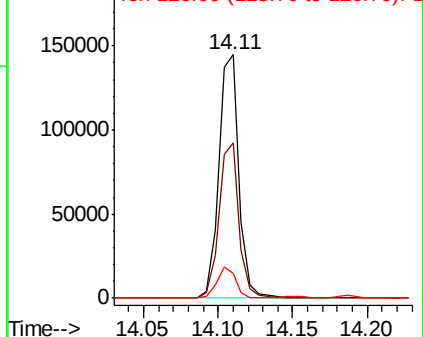


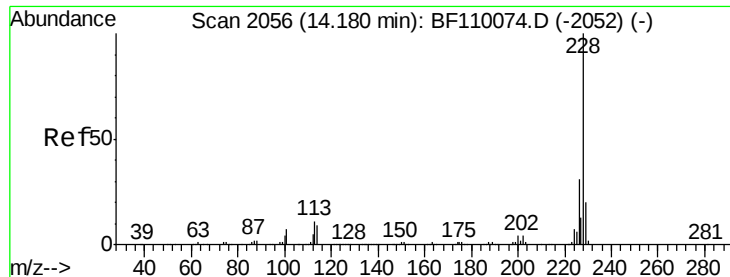
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.411 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

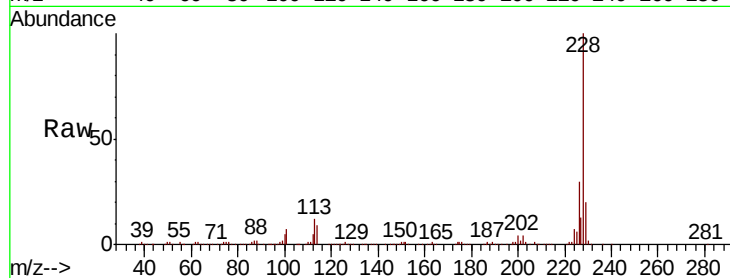
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 325457

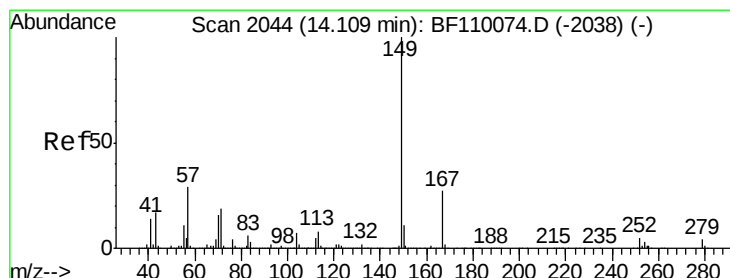
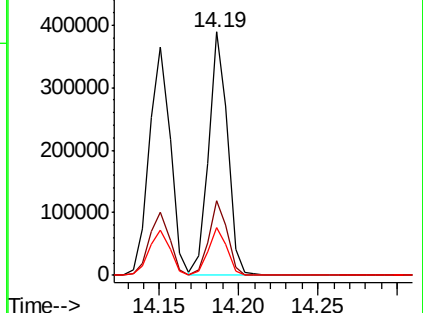
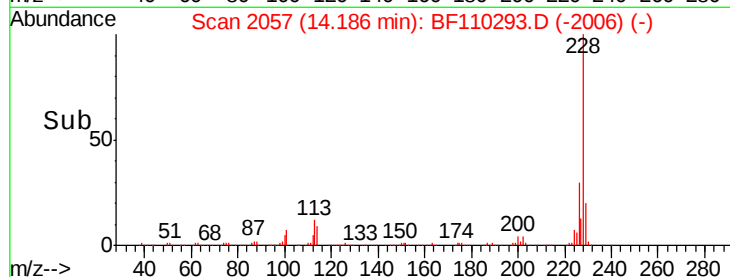
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	19.7	15.9	23.9



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: 47.667 ng

RT: 14.12 min Scan# 2045

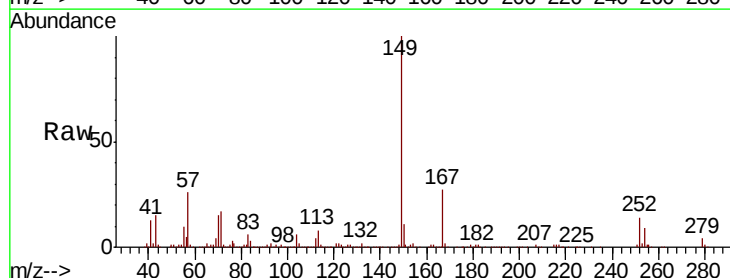
Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Tgt Ion:149 Resp: 286692

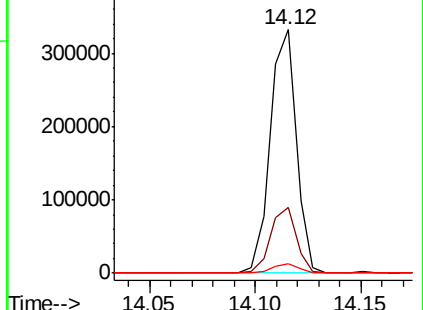
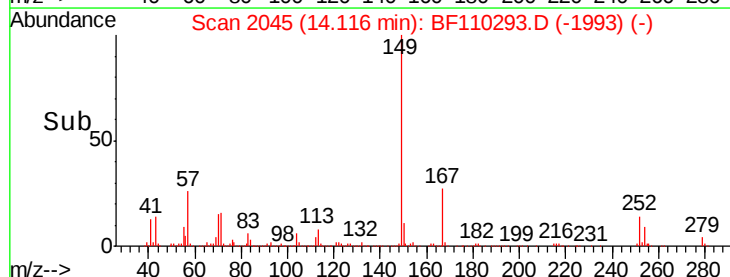
Ion	Ratio	Lower	Upper
149	100		
167	26.8	19.8	29.8
279	3.9	2.7	4.1

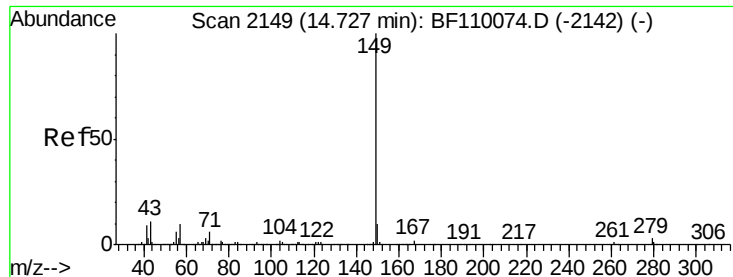


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.319 ng

RT: 14.73 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampleId :

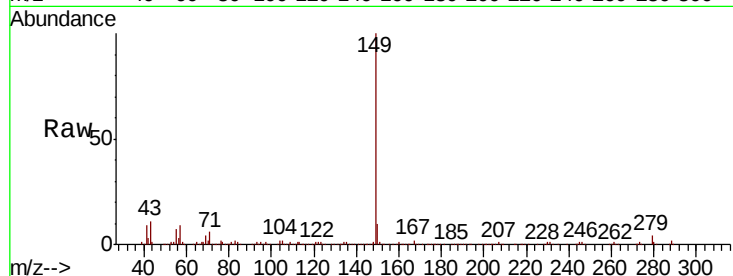
Tot Ion:149 Resp: 451885

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

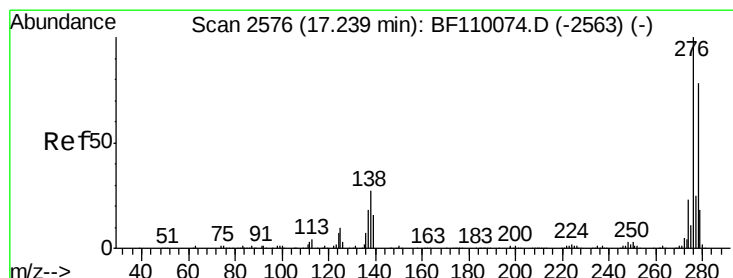
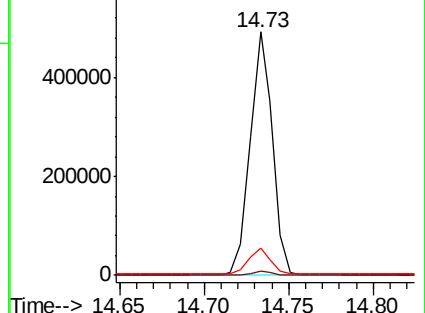
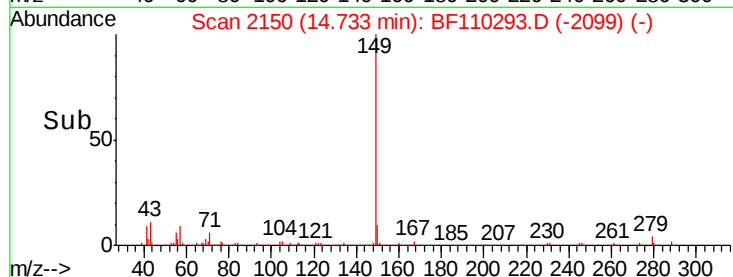
43 11.1 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.322 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

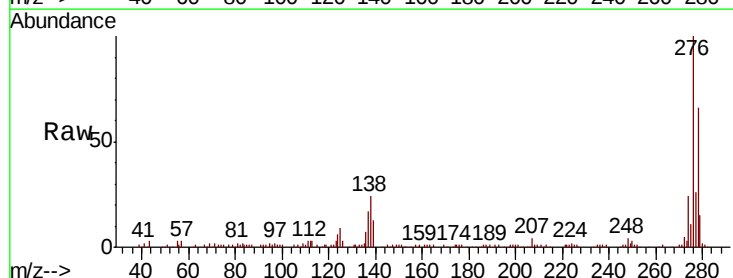
Tgt Ion:276 Resp: 235992

Ion Ratio Lower Upper

276 100

138 25.9 18.5 27.7

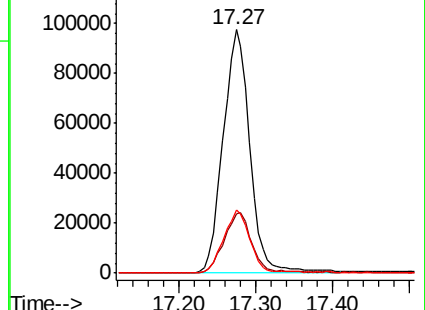
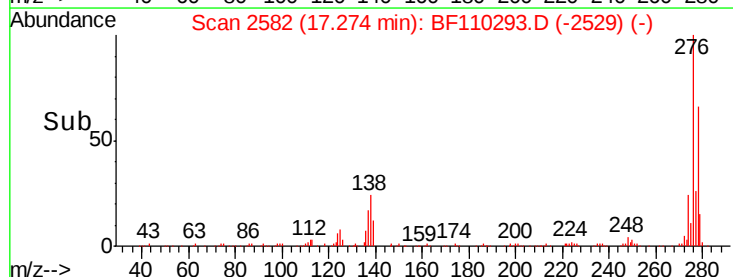
277 25.6 20.0 30.0

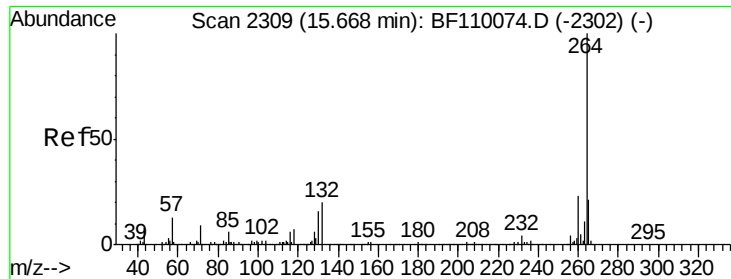


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

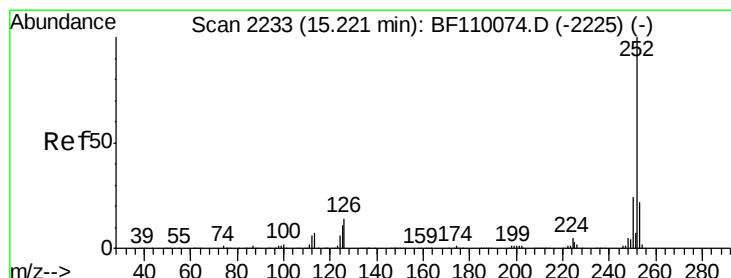
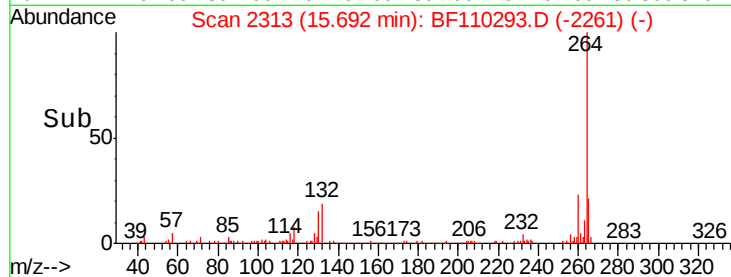
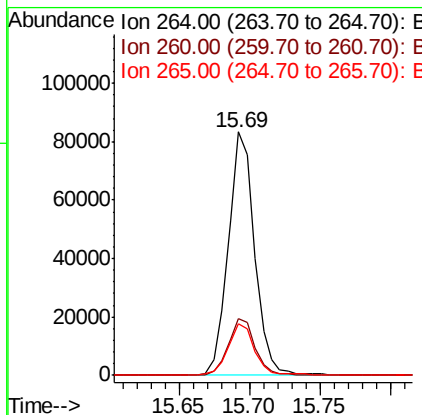
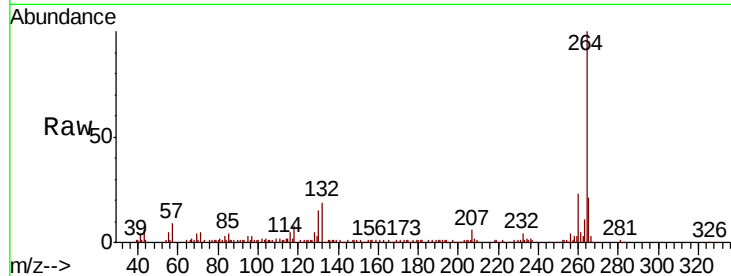




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

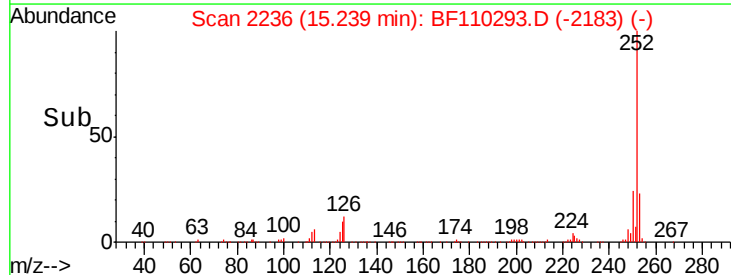
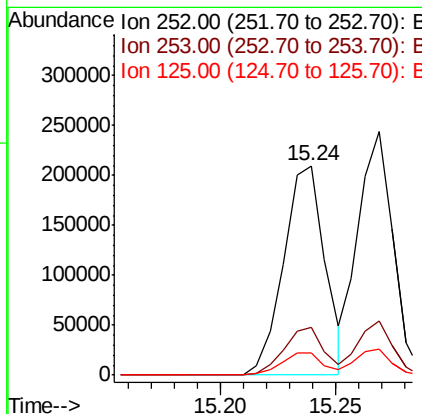
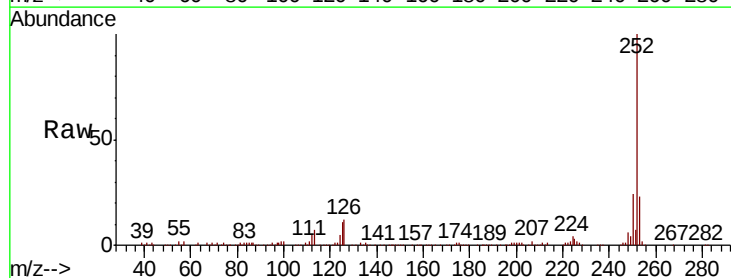
Instrument :
BNA_F
ClientSampled :

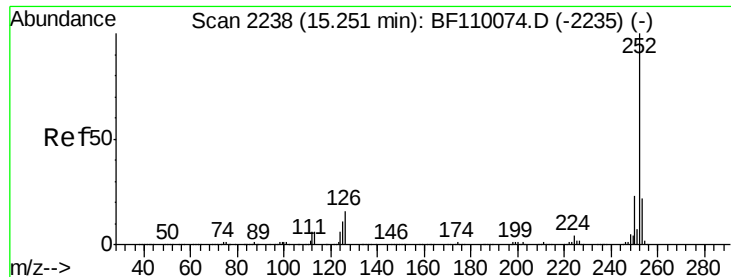
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.5	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 41.832 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	10.7	8.2	12.4

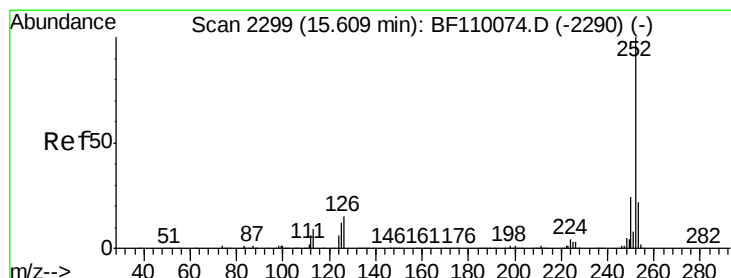
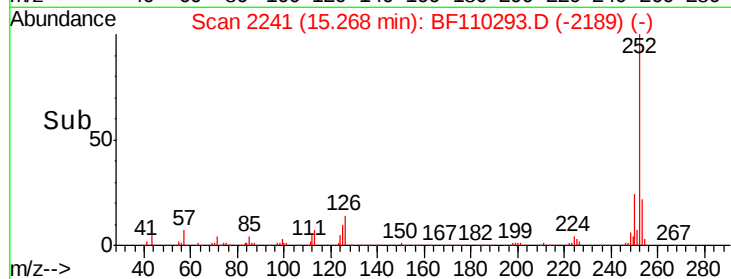
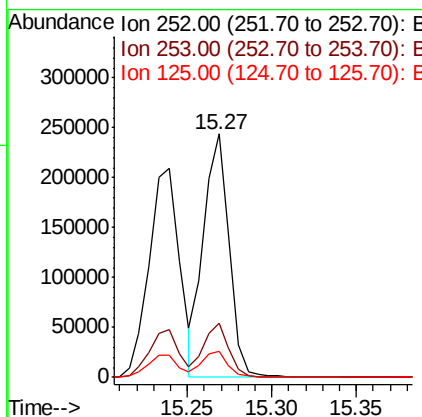
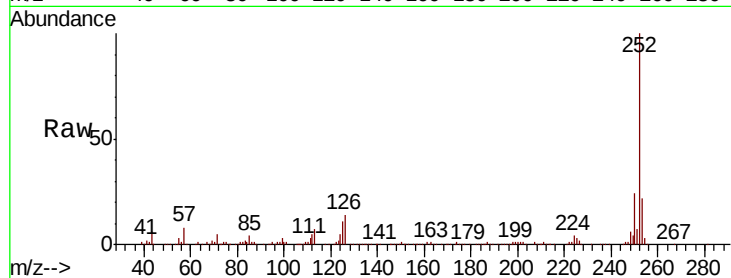




#89
Benzo(k)fluoranthene
Concen: 41.960 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

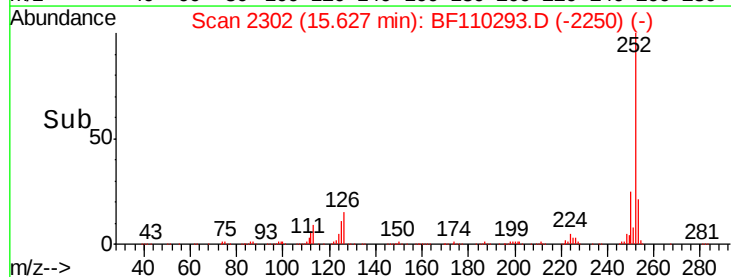
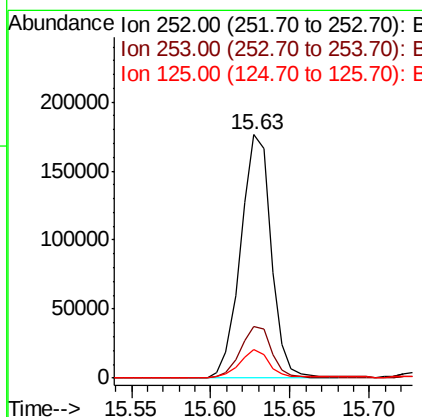
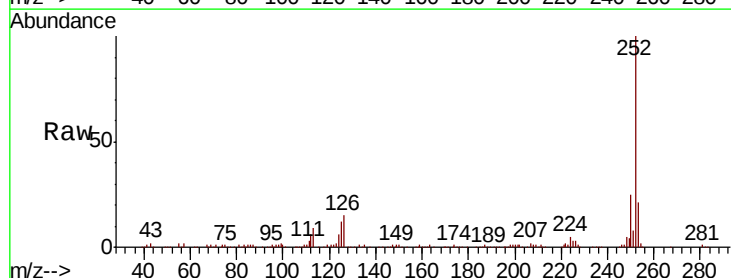
Instrument :
BNA_F
ClientSampleId :

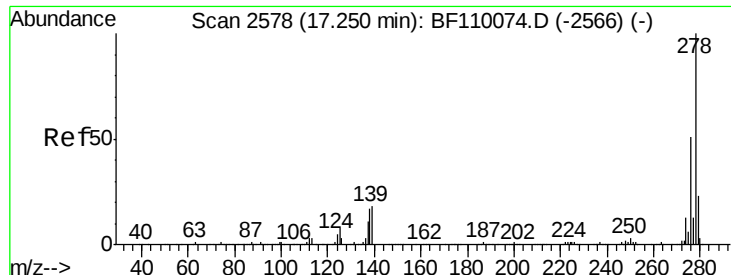
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.7	7.4	11.0



#90
Benzo(a)pyrene
Concen: 41.058 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	11.8	9.0	13.6

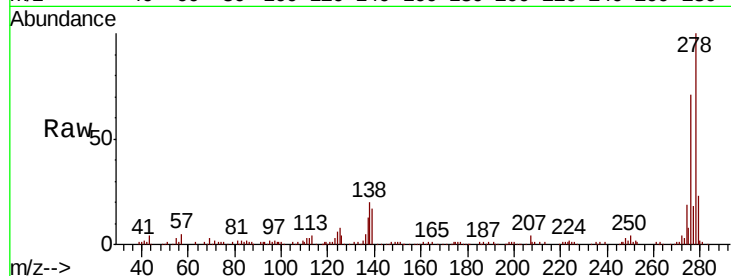




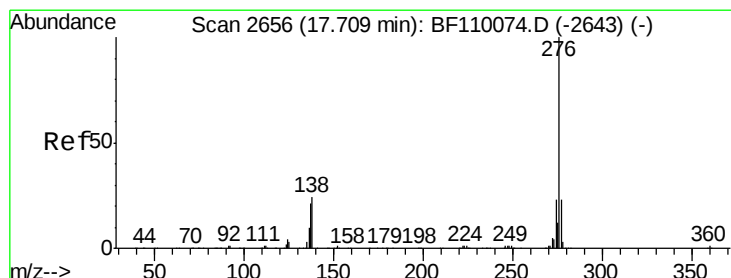
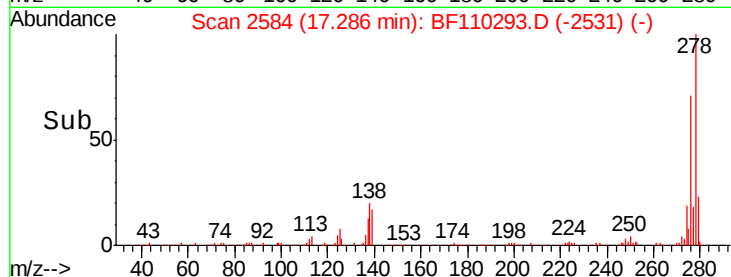
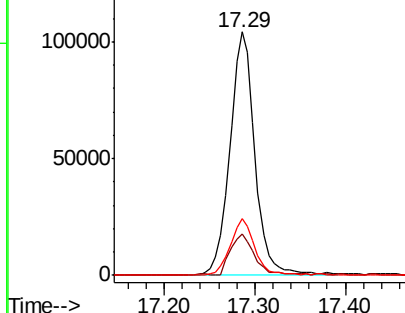
#91
Dibenzo(a,h)anthracene
Concen: 40.562 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	23.2	19.0	28.4

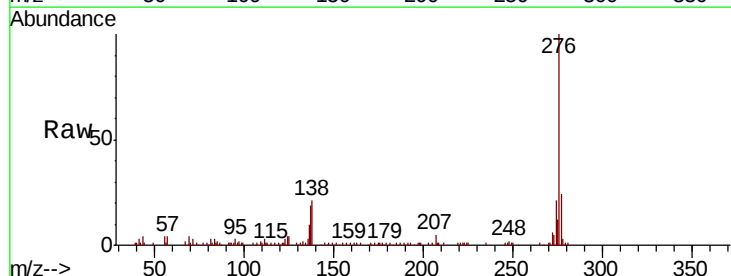


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.475 ng
RT: 17.76 min Scan# 2664
Delta R.T. 0.02 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	21.4	16.0	24.0



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

