

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 07:42:39 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

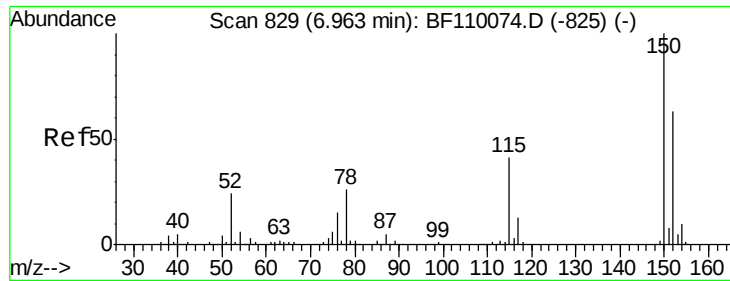
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
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 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

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
65) 4,6-Dinitro-2-methylphenol	10.62	198	851	0.899	ng	89
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

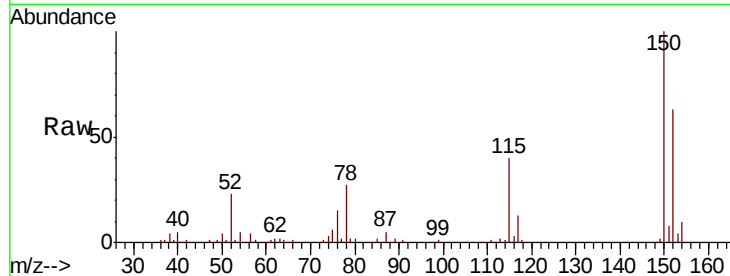


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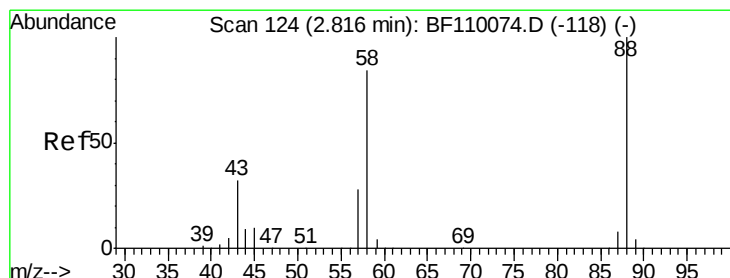
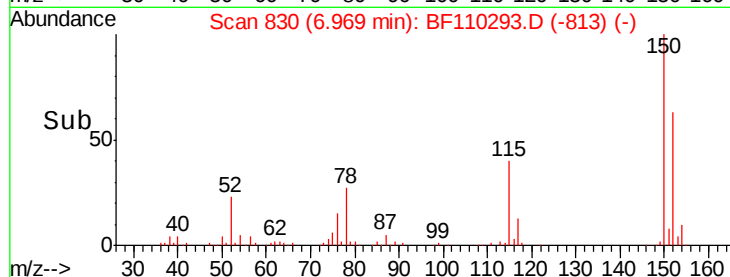
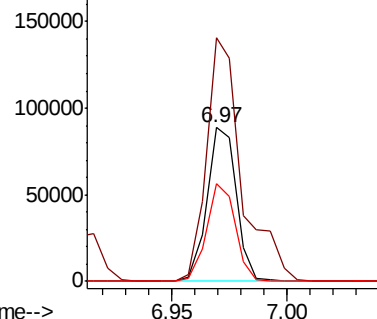
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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



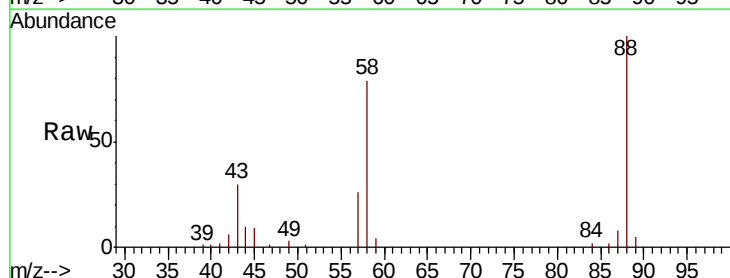
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



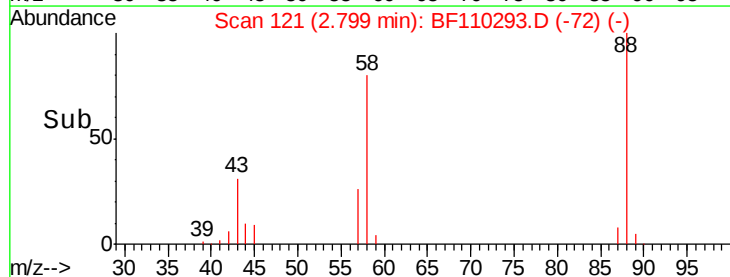
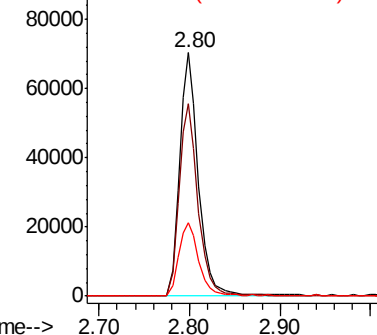
#2

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 :

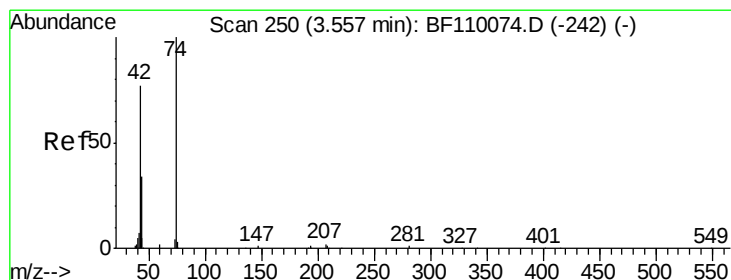
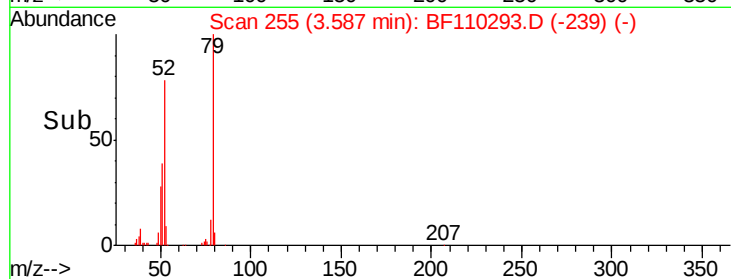
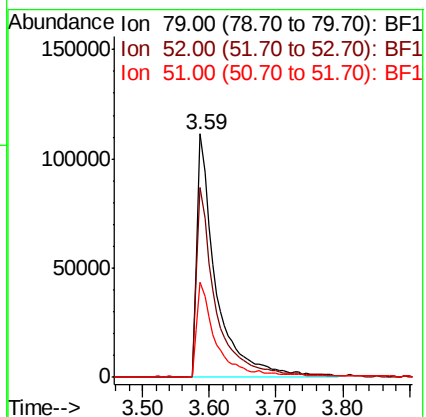
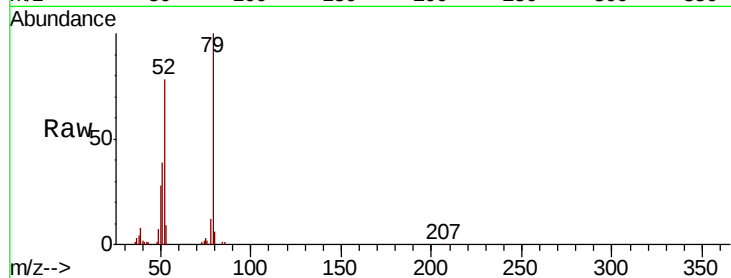
Tot Ion: 79 Resp: 215598

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

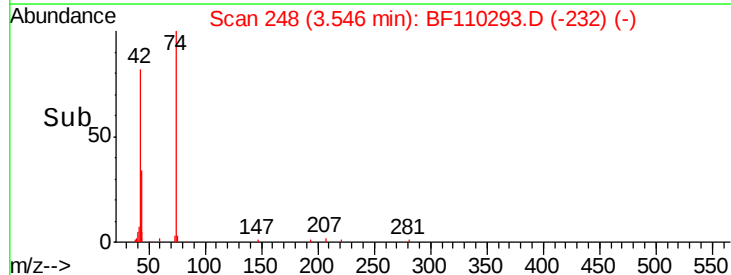
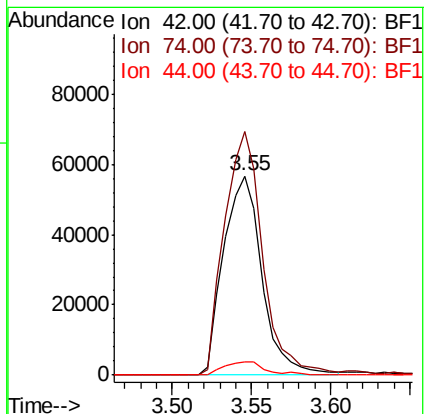
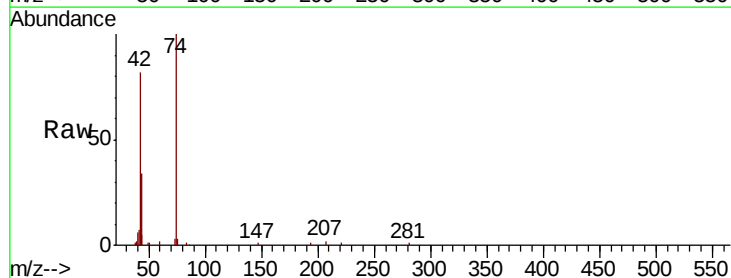
Tgt Ion: 42 Resp: 95549

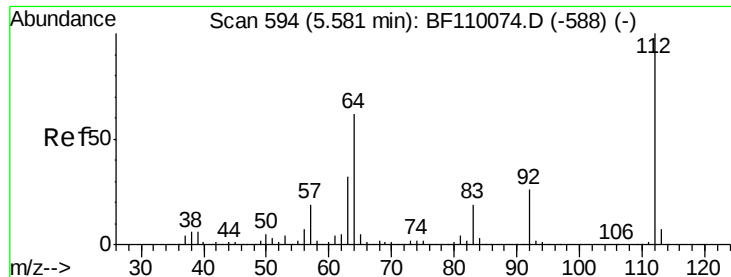
Ion Ratio Lower Upper

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

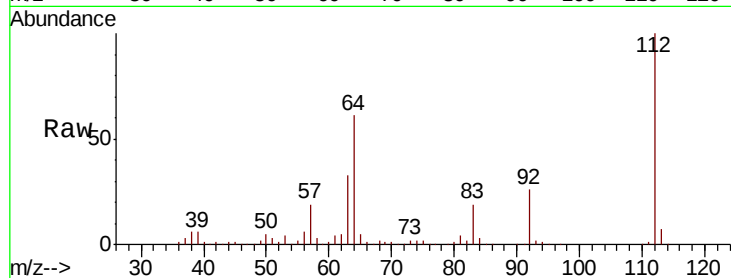
Acq: 30 Oct 2018 7:15

Instrument :

BNA_F

ClientSampled :

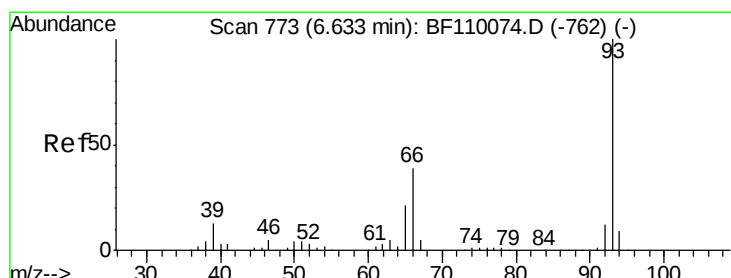
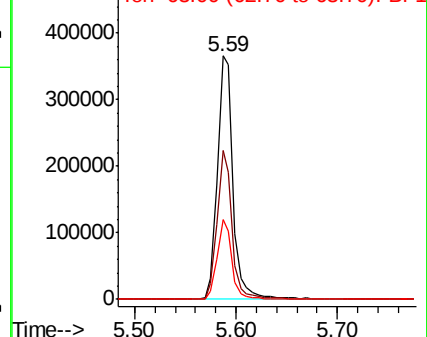
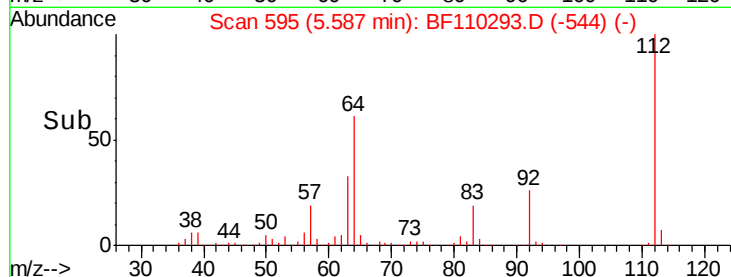
Tot Ion:	112	Resp:	394123
Ion Ratio	Lower	Upper	
112	100		
64	61.4	44.1	66.1
63	32.8	23.7	35.5



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

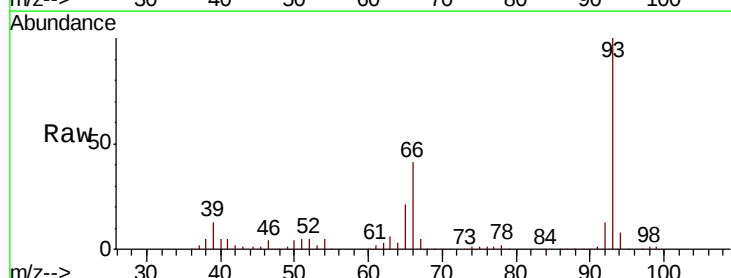
RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

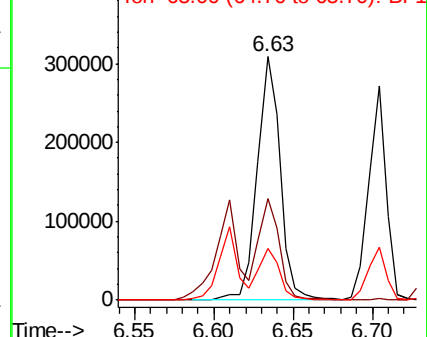
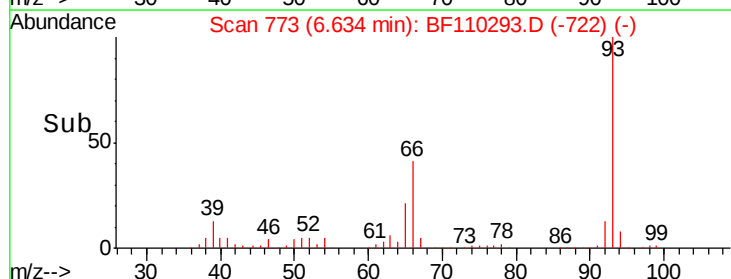
Tgt Ion:	93	Resp:	311682
Ion Ratio	Lower	Upper	
93	100		
66	41.4	67.4	101.0#
65	21.1	41.0	61.4#

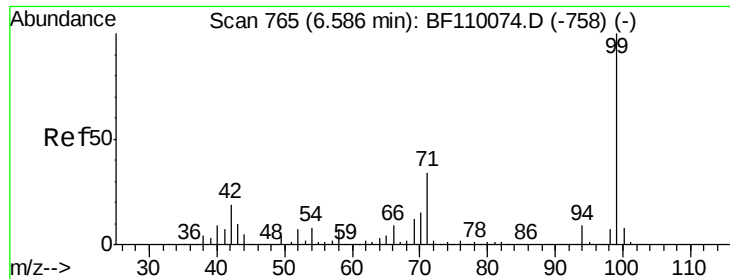


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

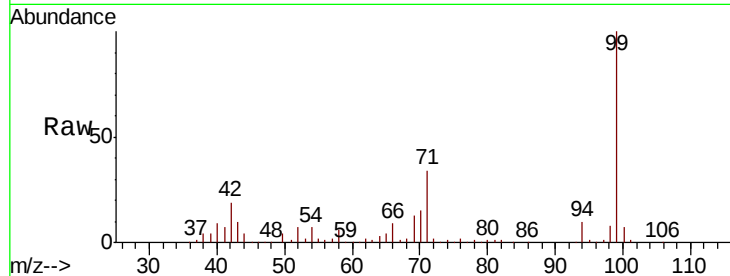
Tot Ion: 99 Resp: 461510

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

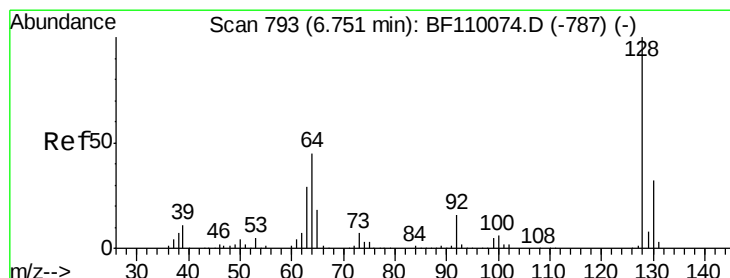
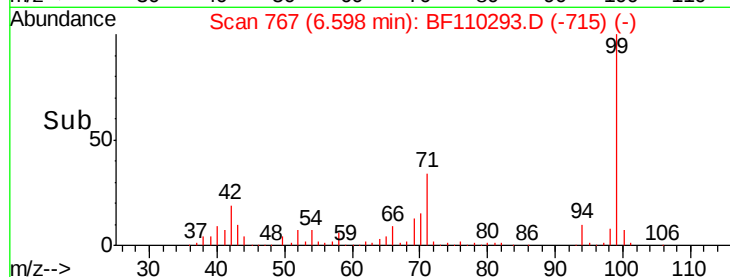
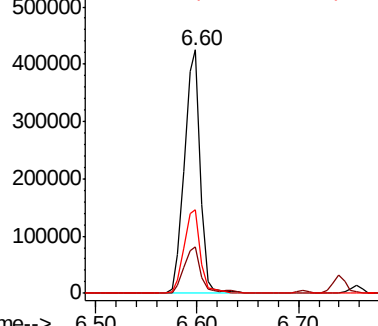
71 34.2 28.0 42.0



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

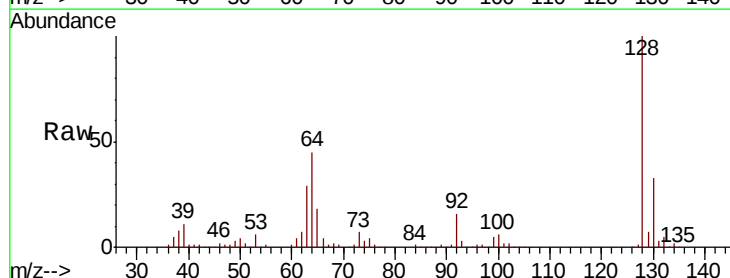
Tgt Ion: 128 Resp: 213487

Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

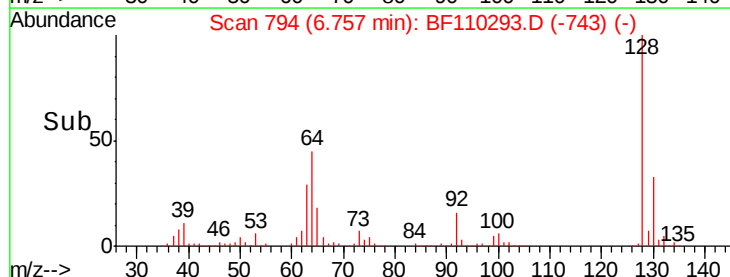
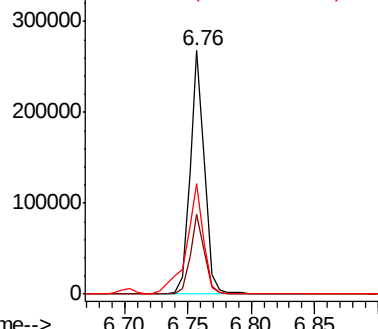
64 45.4 26.0 66.0



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 :

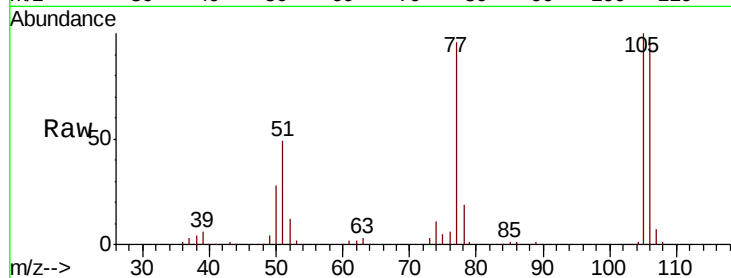
Tot Ion: 77 Resp: 144147

Ion Ratio Lower Upper

77 100

105 104.1 78.6 118.6

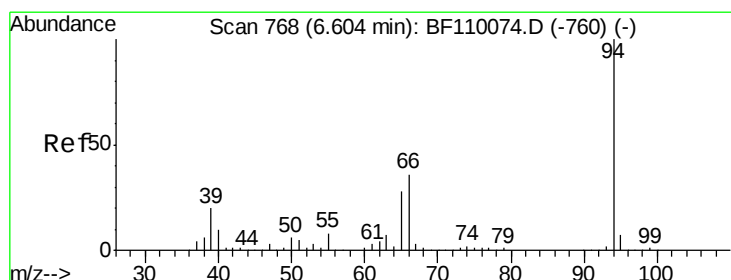
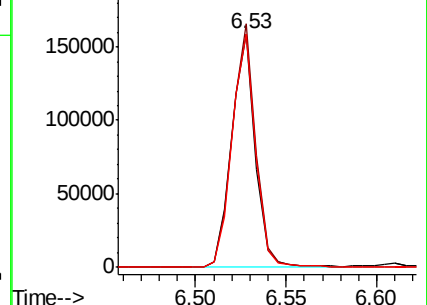
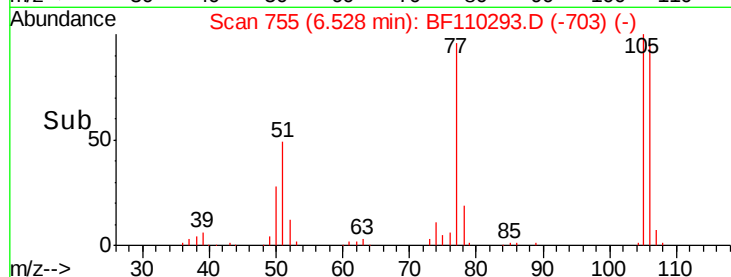
106 99.6 74.8 114.8



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

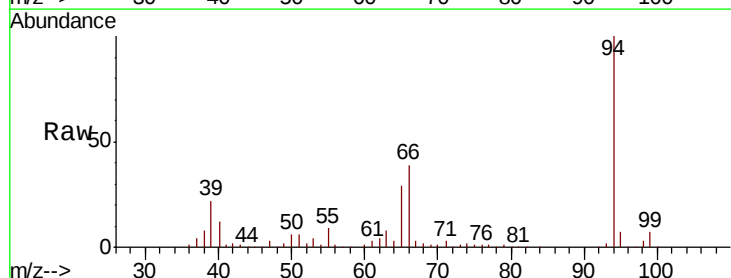
Tgt Ion: 94 Resp: 266991

Ion Ratio Lower Upper

94 100

65 28.7 25.3 65.3

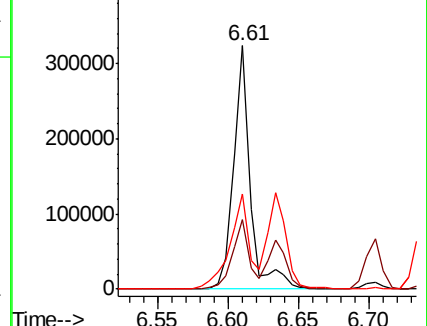
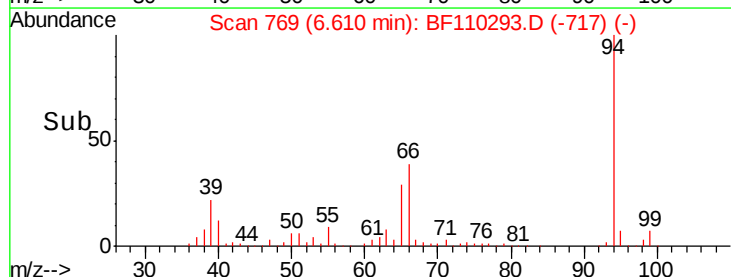
66 39.2 54.5 94.5#



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

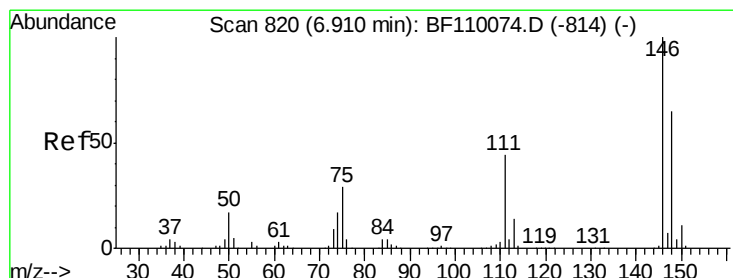
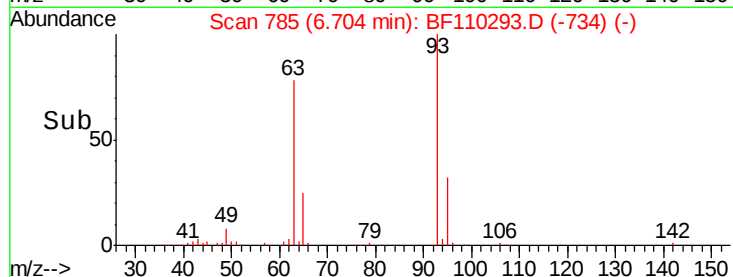
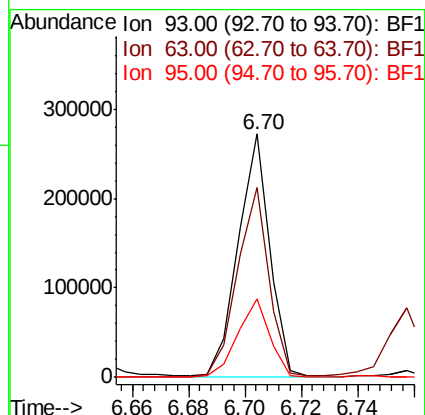
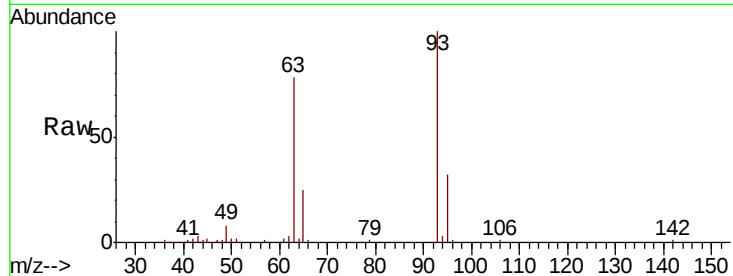




#11
bis(2-Chloroethyl)ether
Concen: 38.554 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

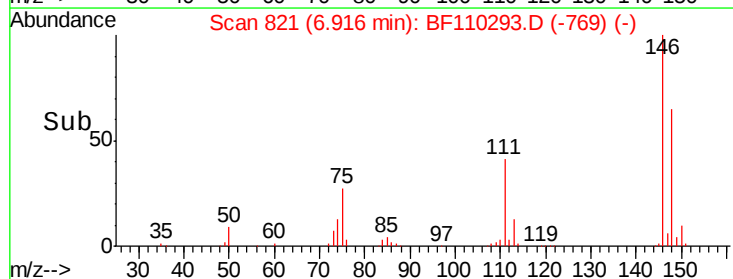
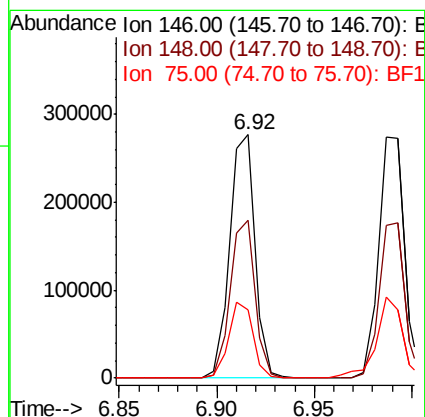
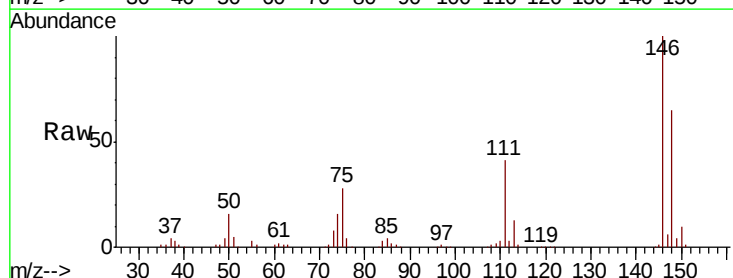
Instrument :
BNA_F
ClientSampleId :

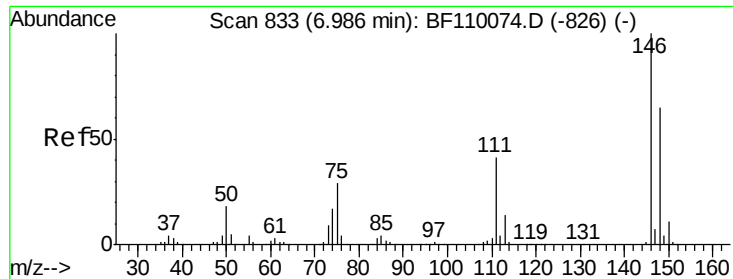
Tot Ion	93	Resp	210397
Ion	Ratio	Lower	Upper
93	100		
63	77.8	53.4	93.4
95	32.3	12.1	52.1



#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

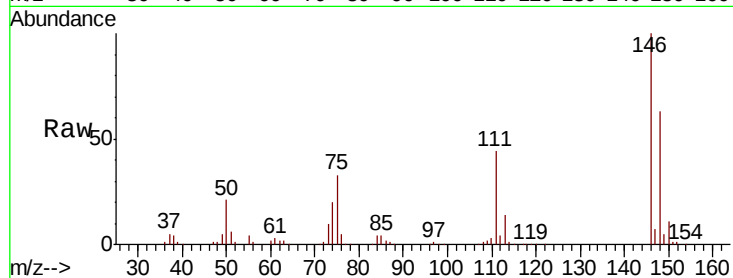




#13
 1,4-Dichlorobenzene
 Concen: 40.459 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
111	44.1	32.7	49.1

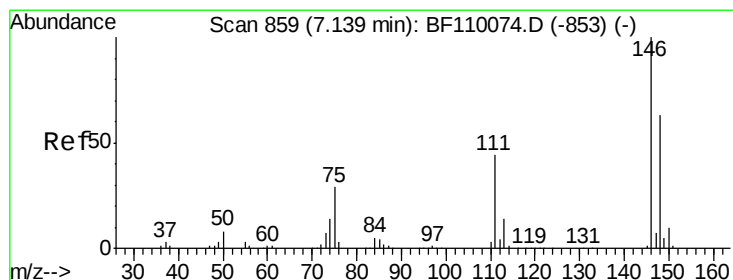
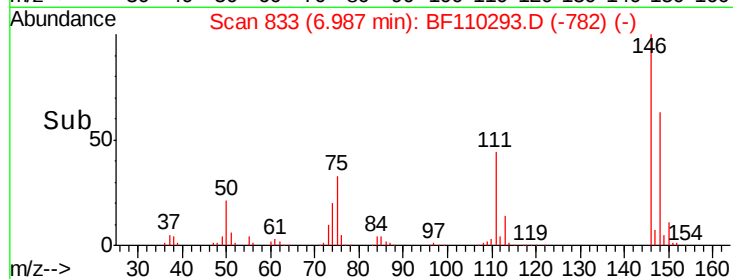
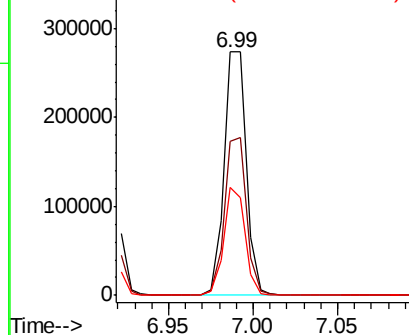


Abundance

Ion 146.00 (145.70 to 146.70): E

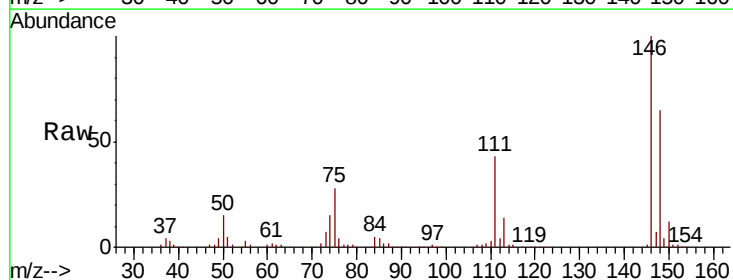
Ion 148.00 (147.70 to 148.70): E

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	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
111	43.1	35.8	53.6

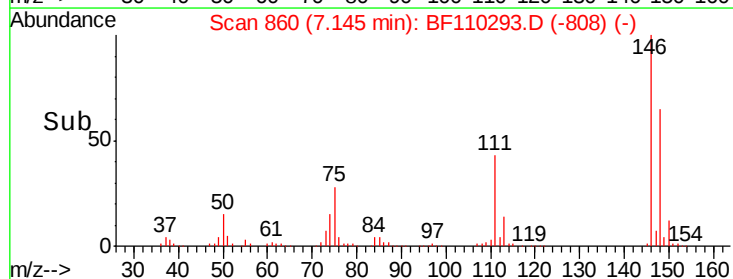
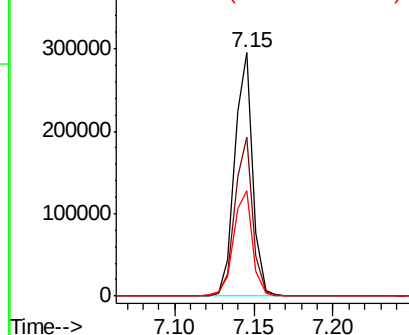


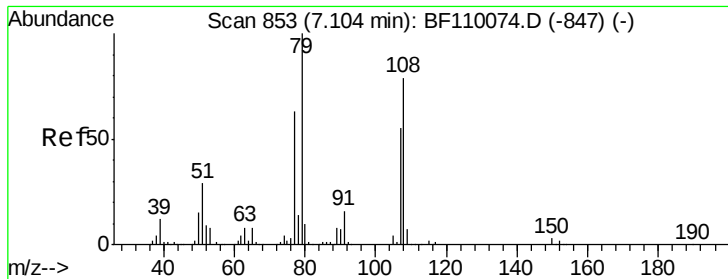
Abundance

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 :

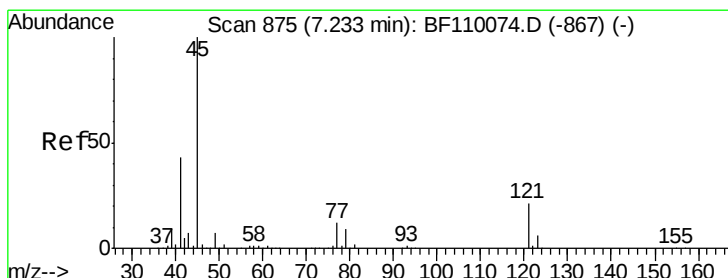
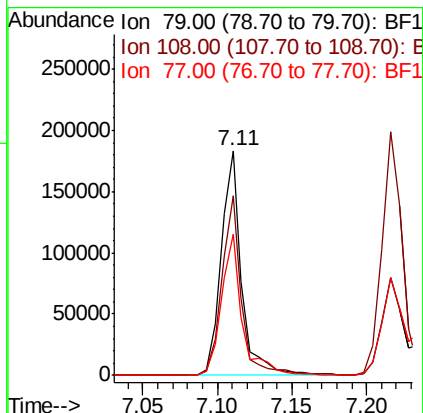
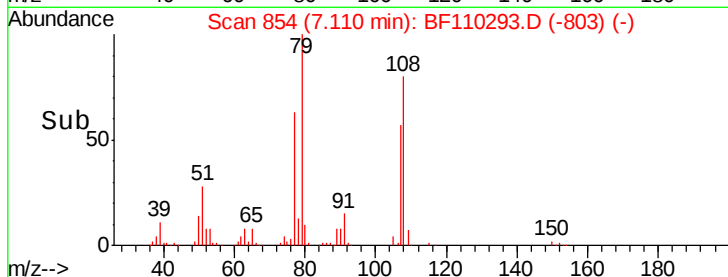
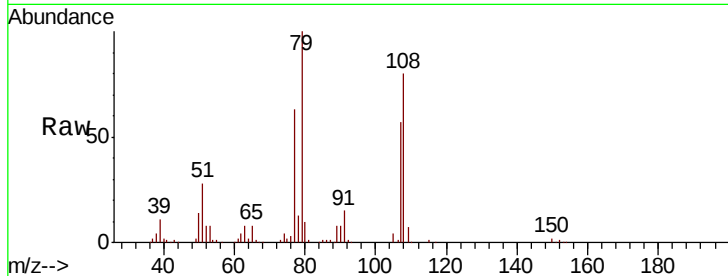
Tot Ion: 79 Resp: 176635

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

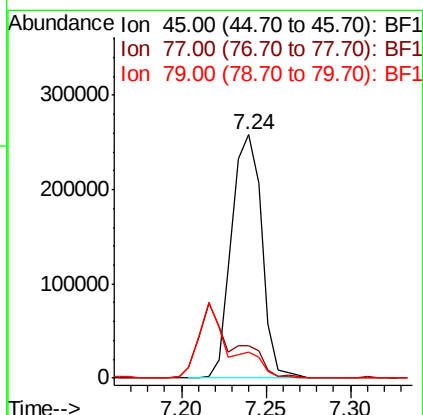
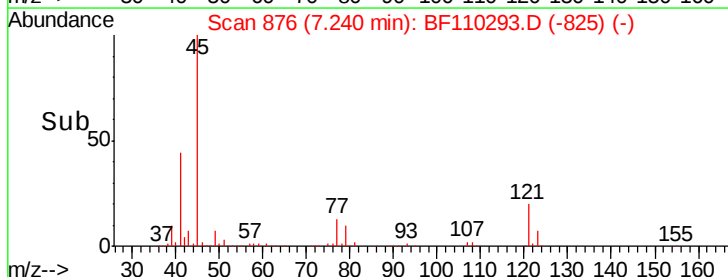
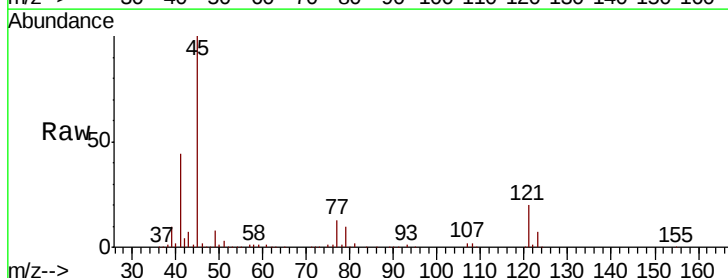
Tgt Ion: 45 Resp: 321648

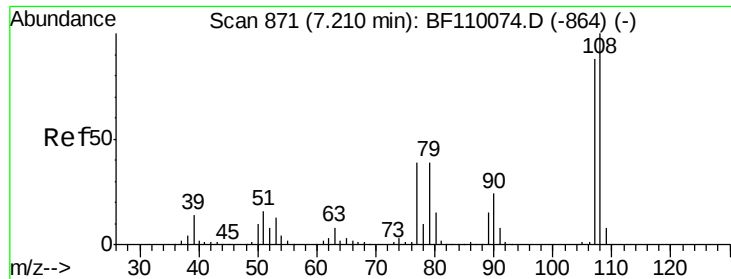
Ion Ratio Lower Upper

45 100

77 13.3 10.0 50.0

79 10.4 6.1 46.1

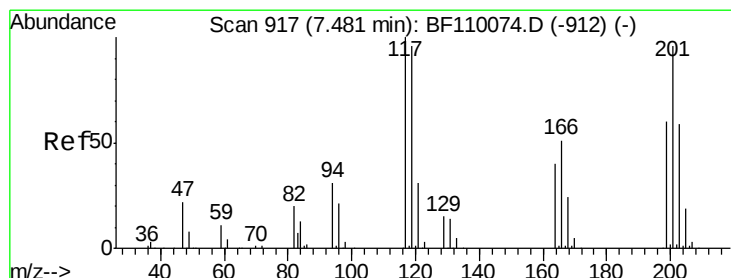
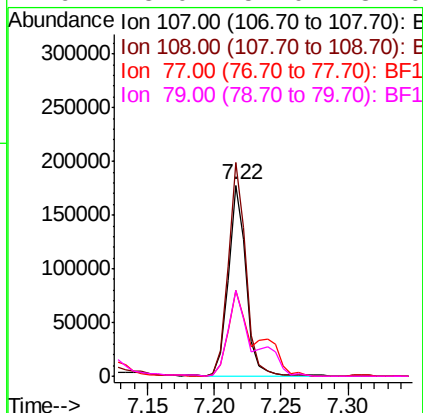
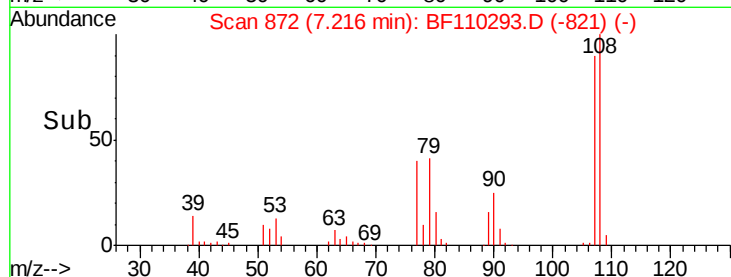
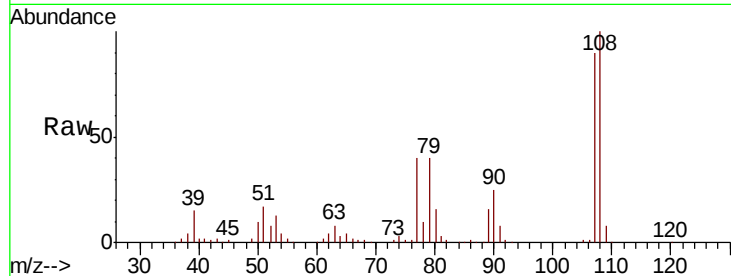




#17
2-Methylphenol
Concen: 37.119 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

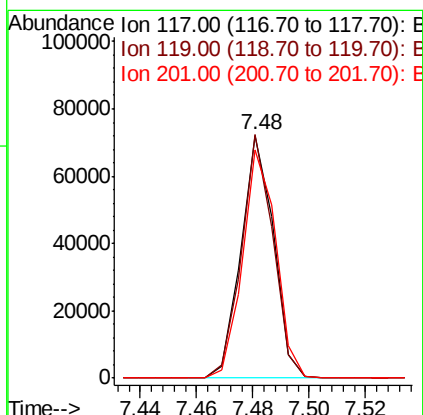
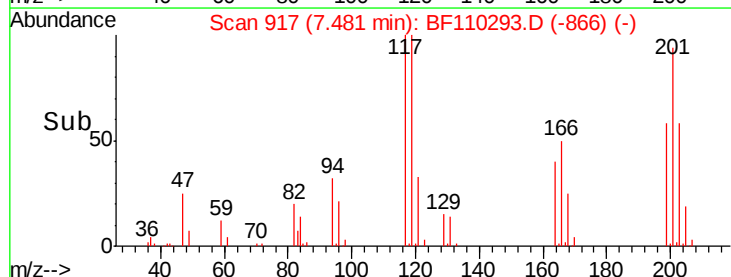
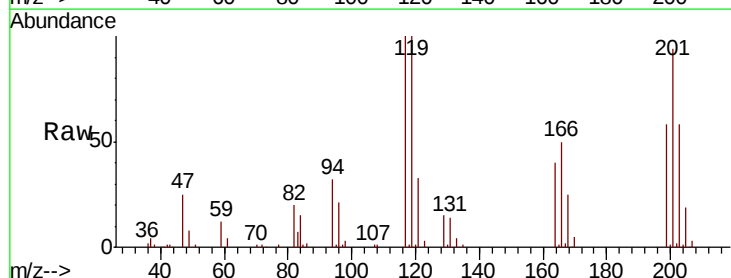
Instrument :
BNA_F
ClientSampleId :

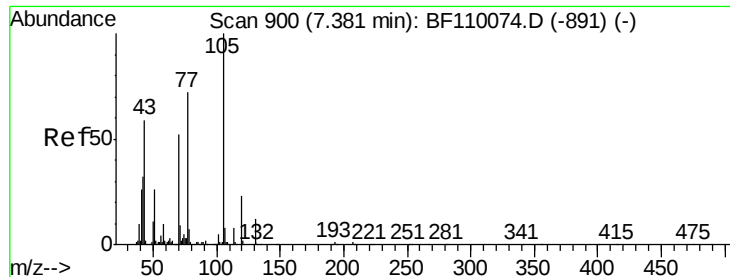
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	92.6	138.8
77	44.7	59.4	89.2#
79	45.0	54.0	81.0#



#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

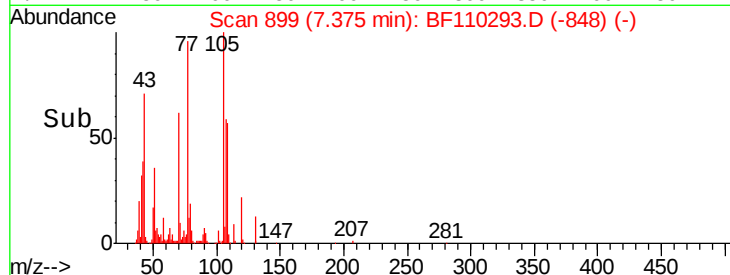
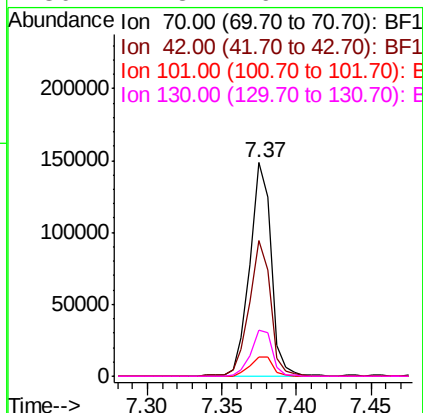
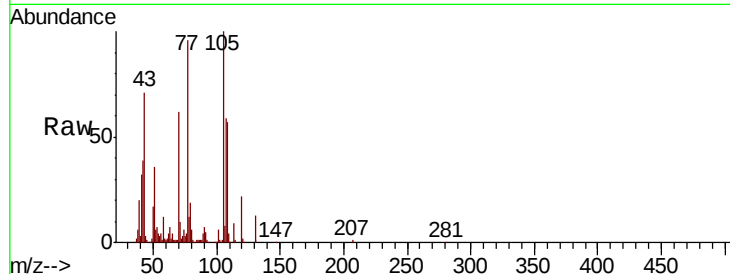




#19
n-Nitroso-di-n-propylamine
Concen: 36.984 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

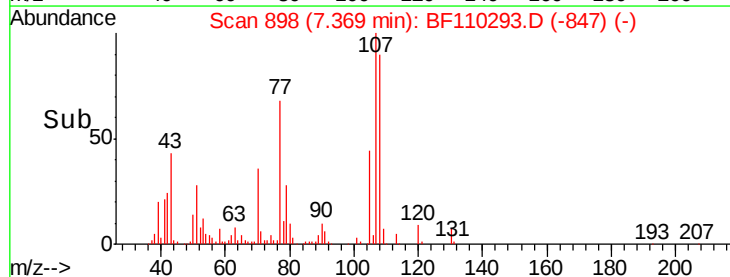
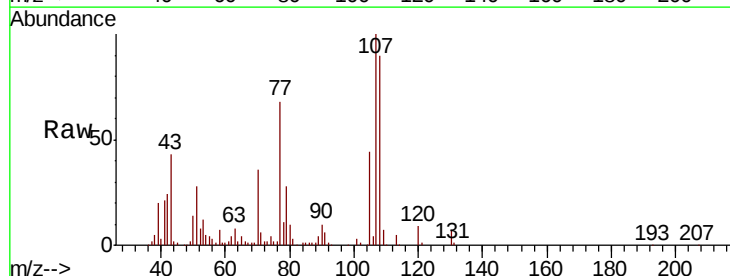
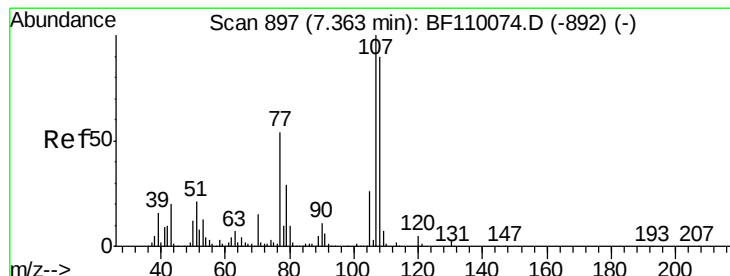
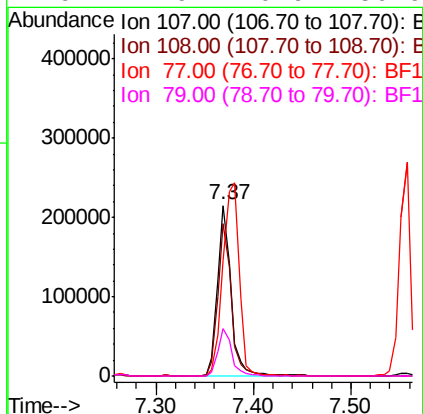
Instrument :
BNA_F
ClientSampleId :

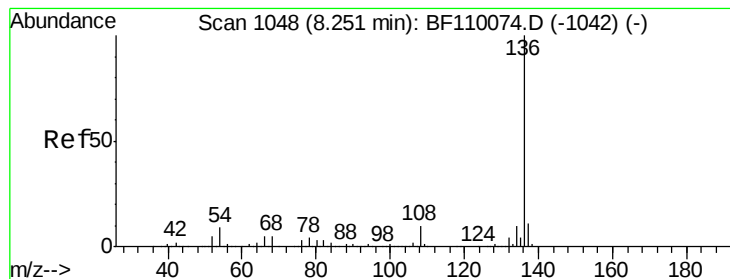
Tot Ion: 70 Resp: 147231
Ion Ratio Lower Upper
70 100
42 63.4 47.4 71.2
101 9.1 7.3 10.9
130 21.3 16.2 24.2



#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

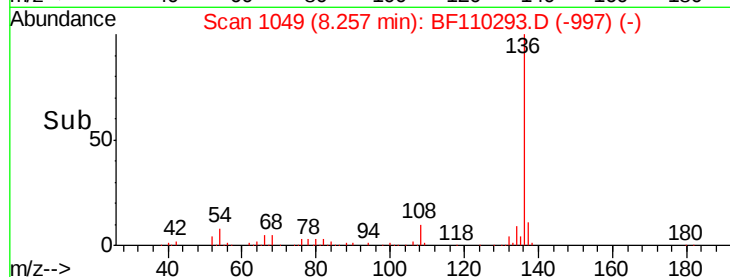
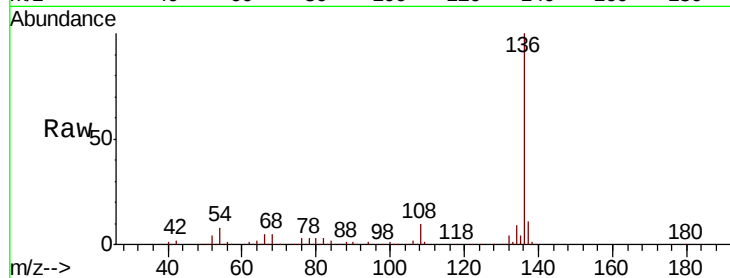
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.5 5.4 8.2

68 4.5 4.2 6.2

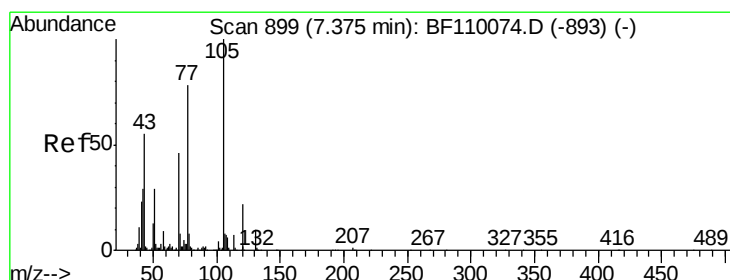
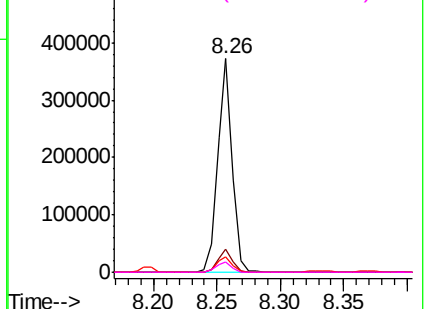


Abundance Ion 136.00 (135.70 to 136.70): E

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

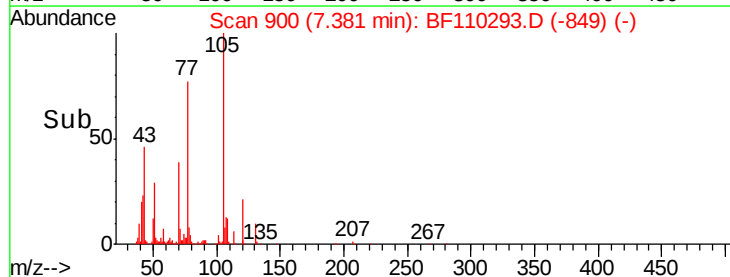
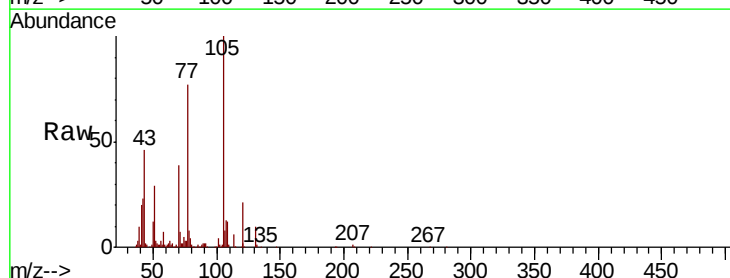
Ion Ratio Lower Upper

105 100

71 6.7 5.2 7.8

51 28.7 21.8 32.8

120 21.3 17.0 25.4

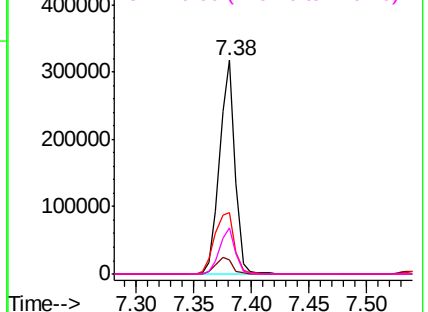


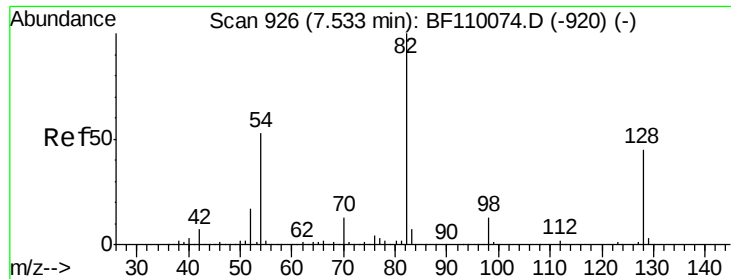
Abundance Ion 105.00 (104.70 to 105.70): E

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

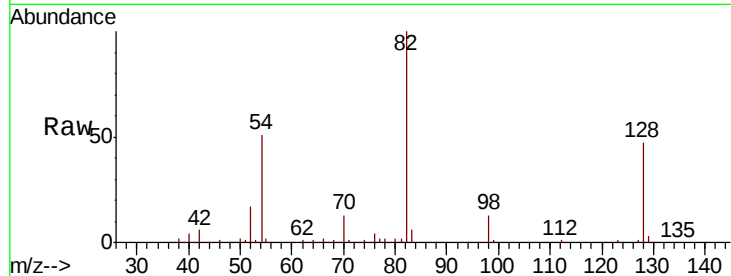




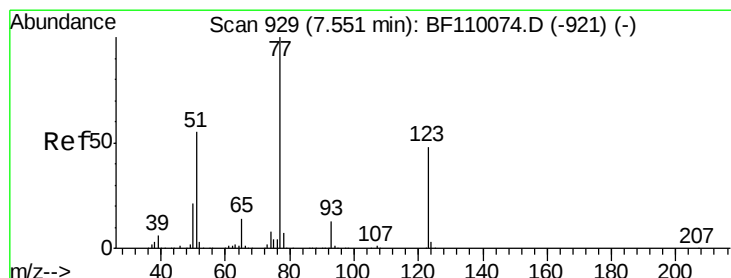
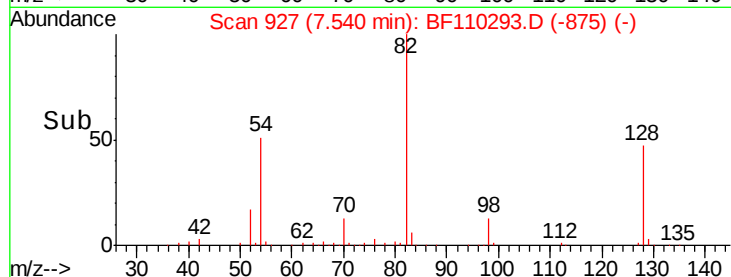
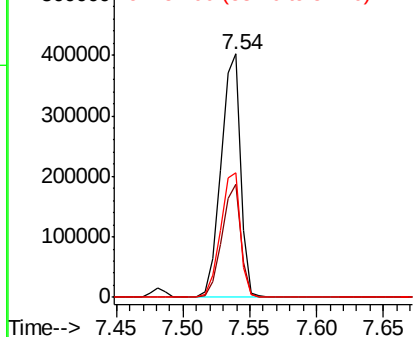
#23
Nitrobenzene-d5
Concen: 82.326 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Instrument :
BNA_F
ClientSampleId :

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

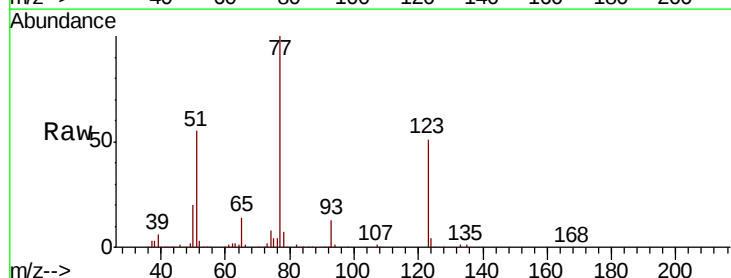


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

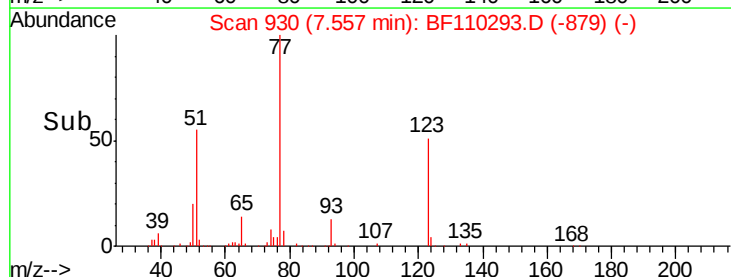
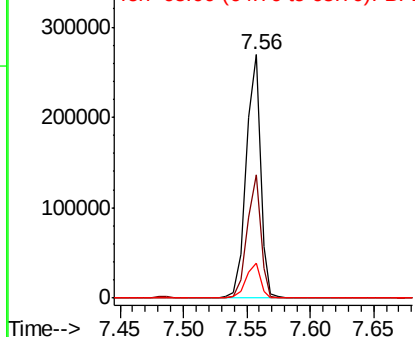


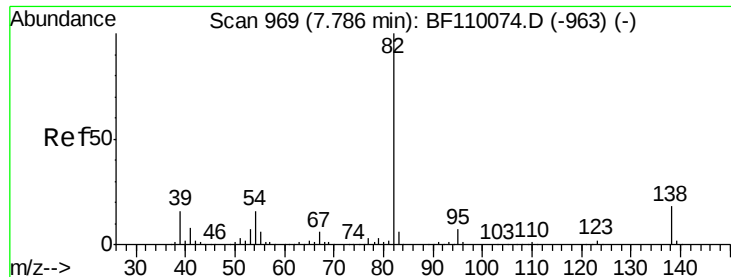
#24
Nitrobenzene
Concen: 40.178 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion	77	Resp	210206
Ion Ratio	100	Lower	Upper
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

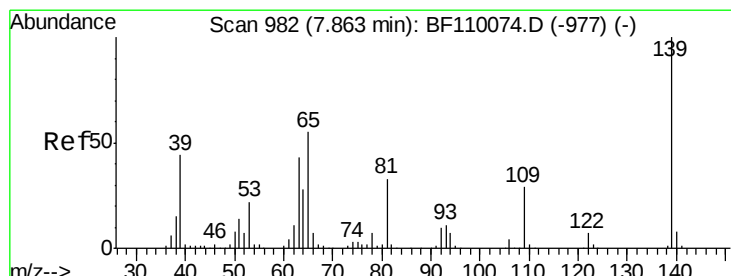
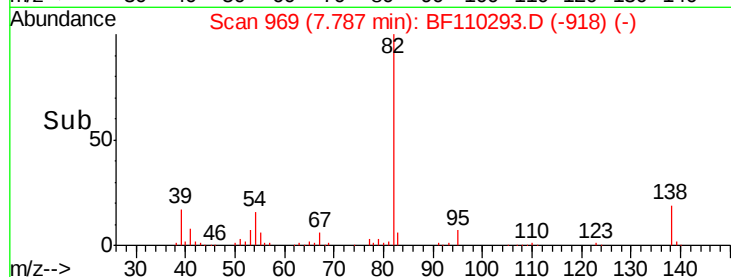
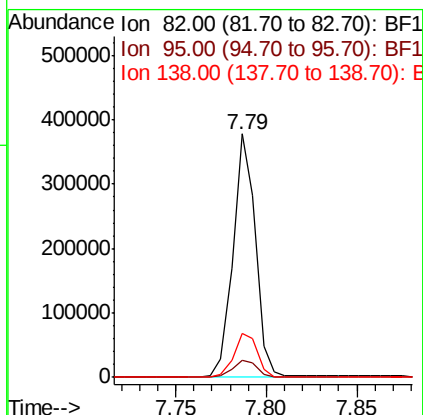
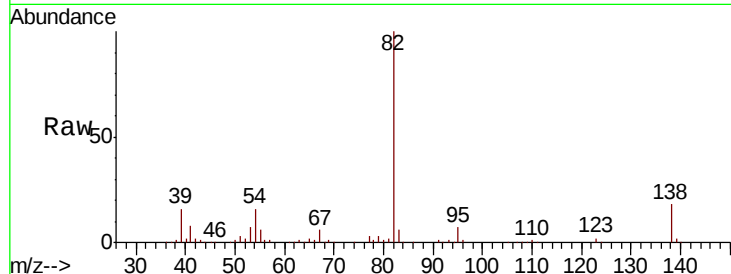




#25
Isophorone
Concen: 38.263 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

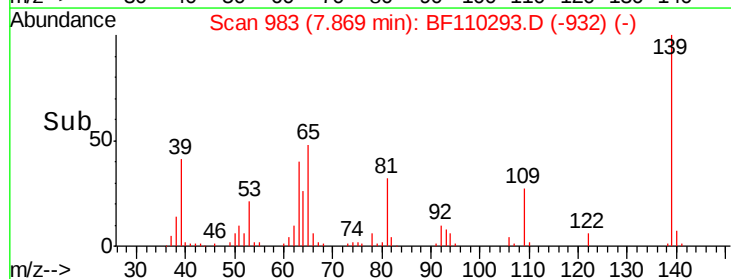
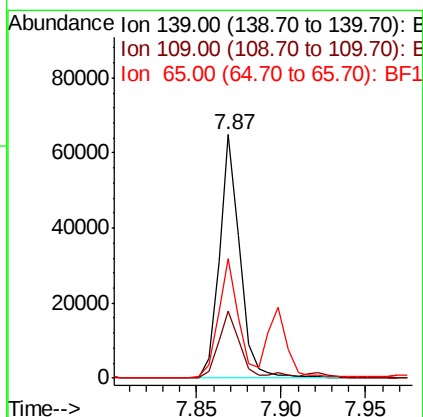
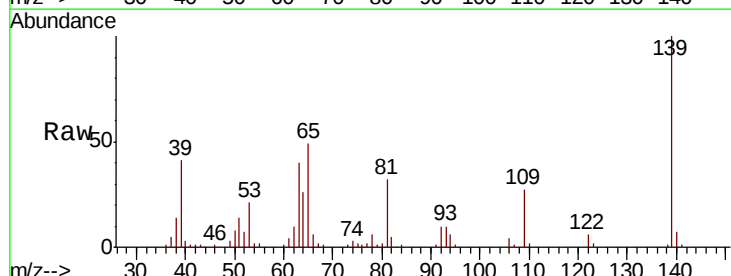
Instrument :
BNA_F
ClientSampled :

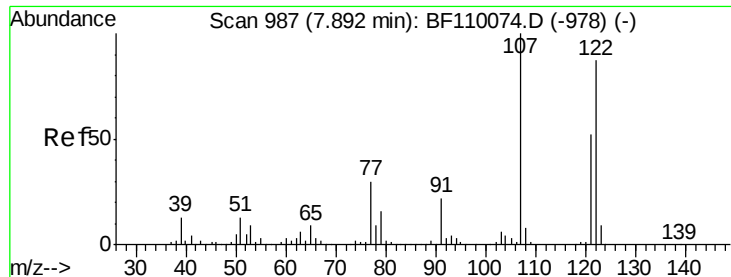
Tot Ion: 82 Resp: 330524
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.1 13.2 19.8



#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

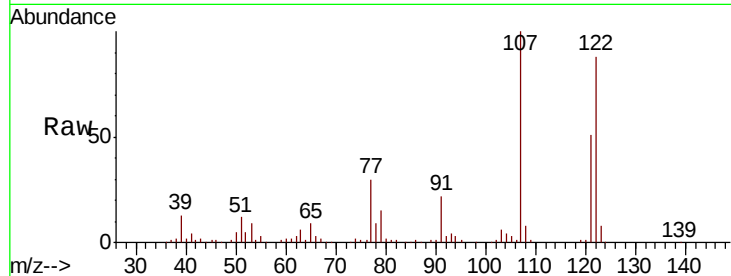




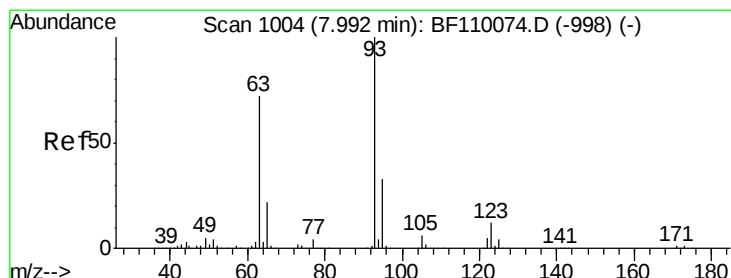
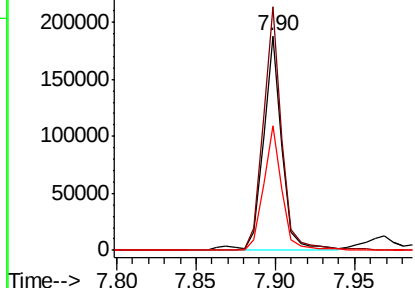
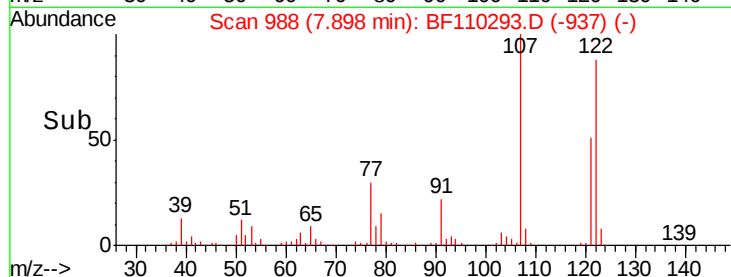
#27
2,4-Dimethylphenol
Concen: 37.614 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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

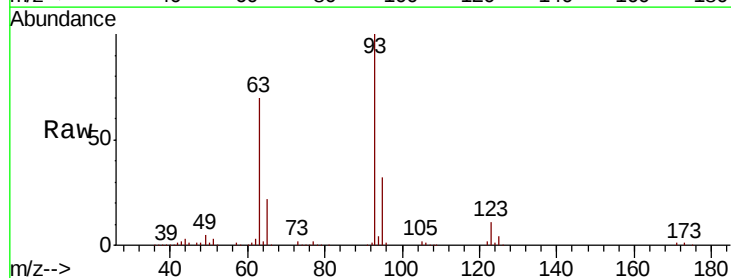


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

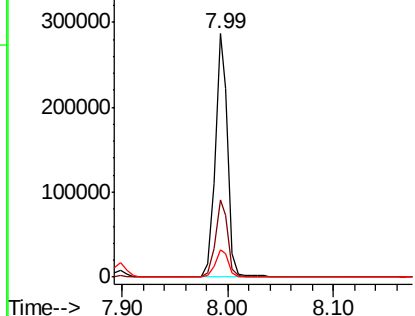
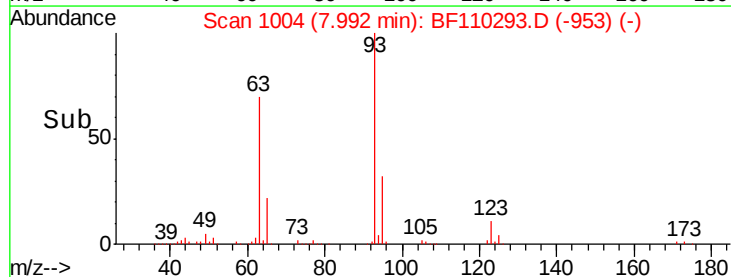


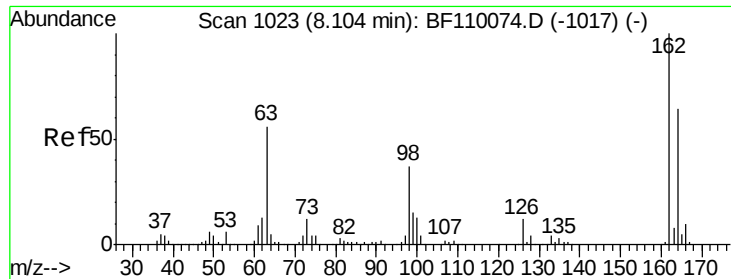
#28
bis(2-Chloroethoxy)methane
Concen: 40.792 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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

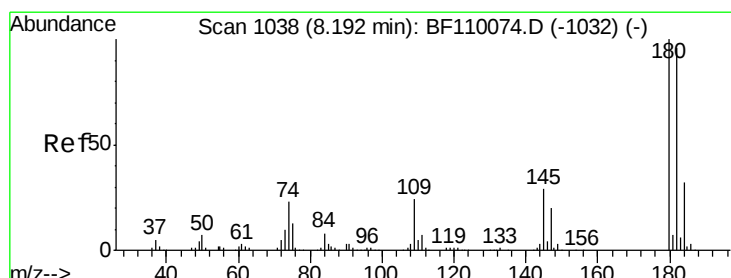
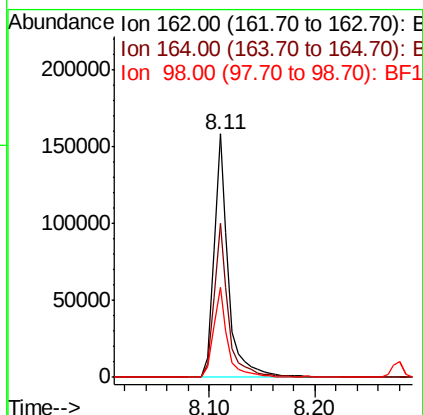
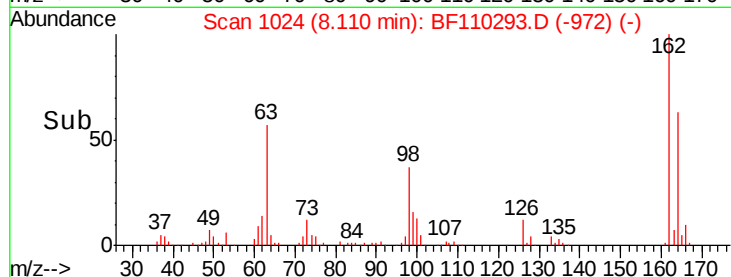
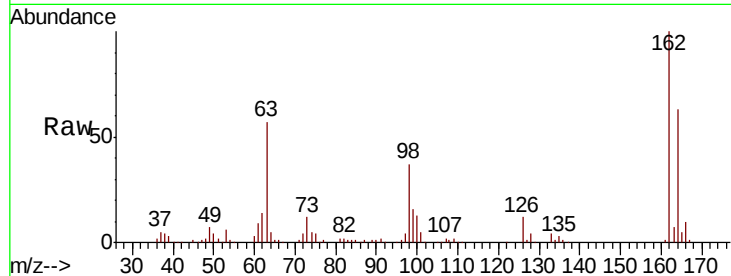




#29
2,4-Dichlorophenol
Concen: 36.522 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

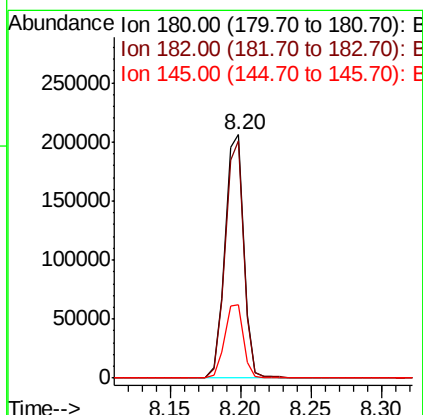
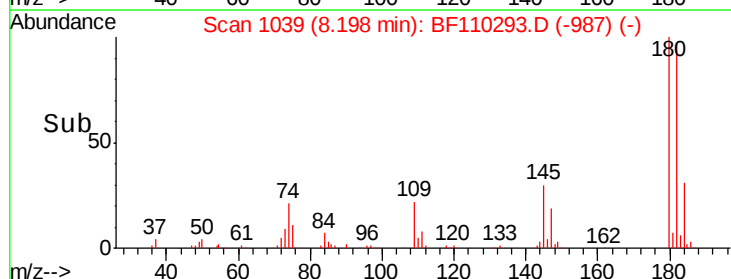
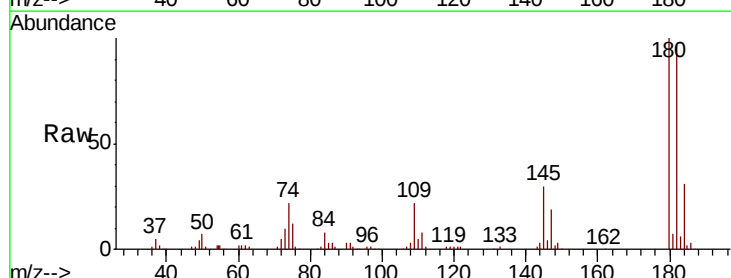
Instrument :
BNA_F
ClientSampleId :

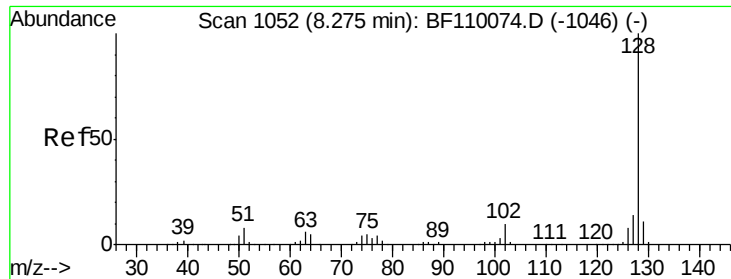
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	36.9	17.4	57.4



#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

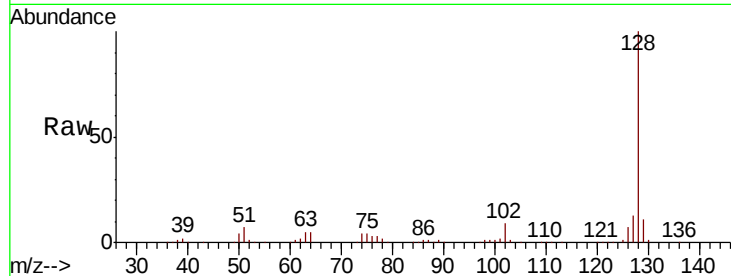




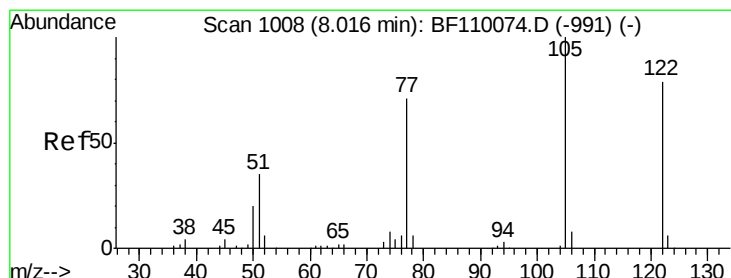
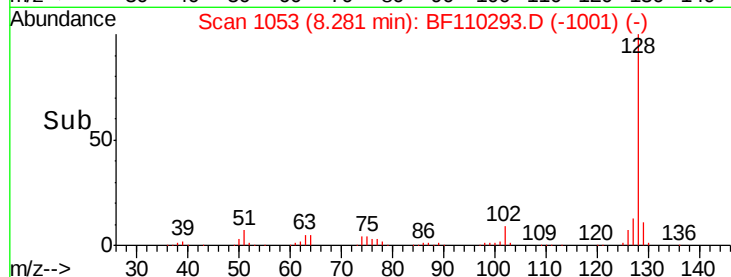
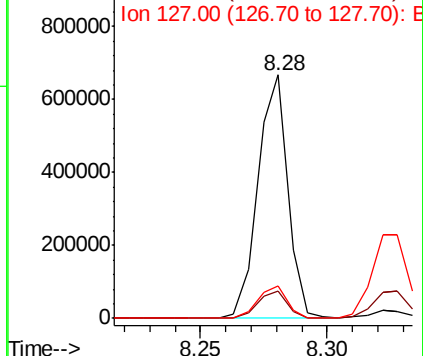
#31
Naphthalene
Concen: 39.723 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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

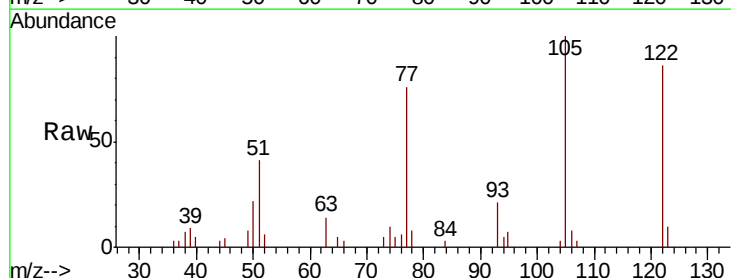


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

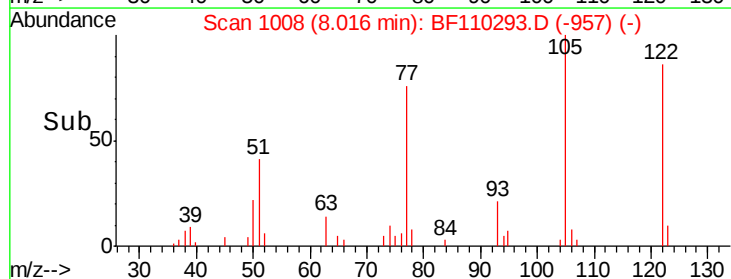
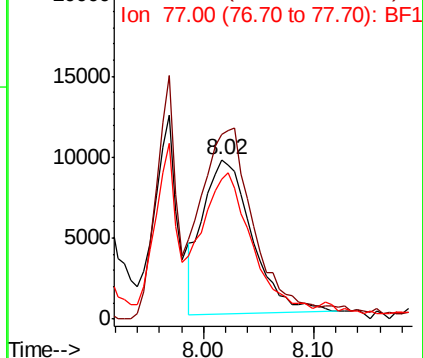


#32
Benzoic acid
Concen: 9.266 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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

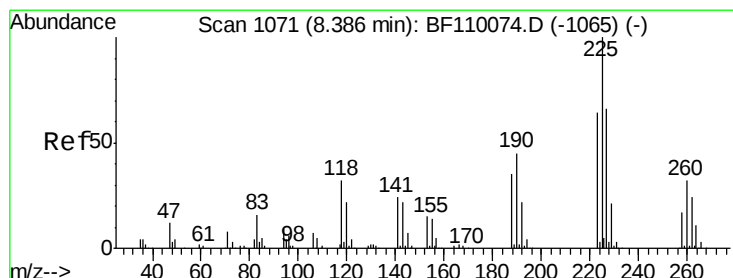
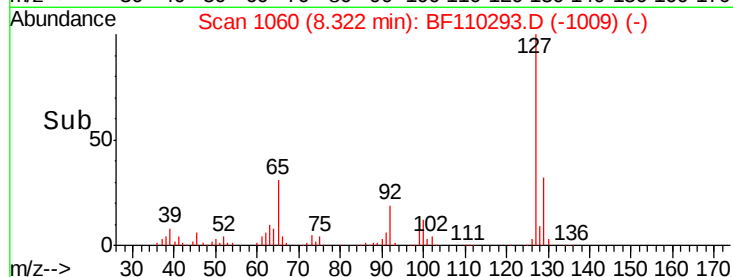
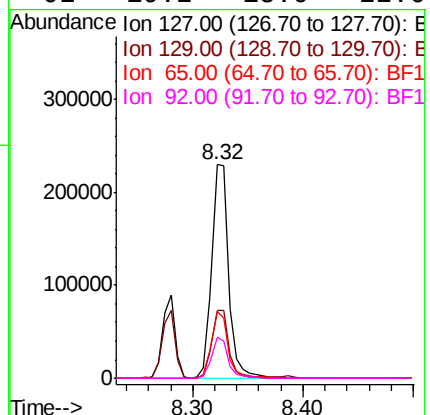
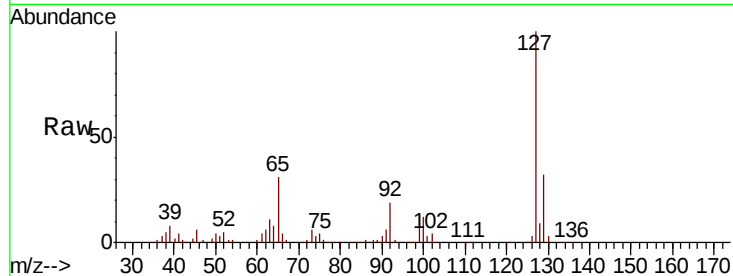




#33
4-Chloroaniline
Concen: 38.509 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

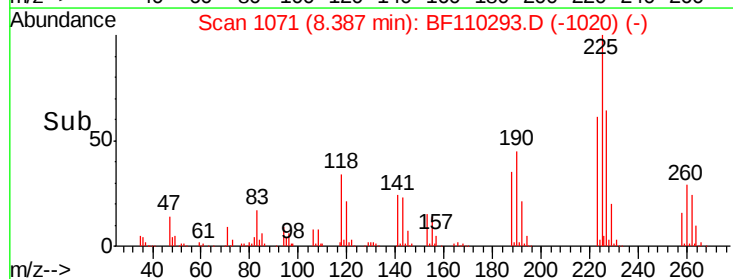
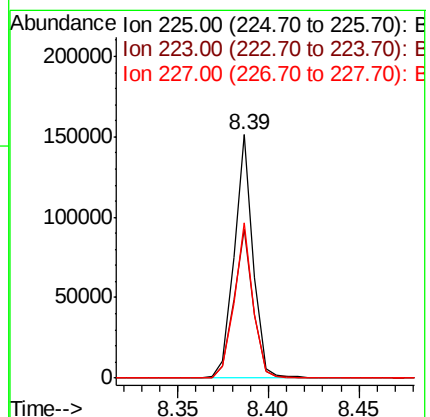
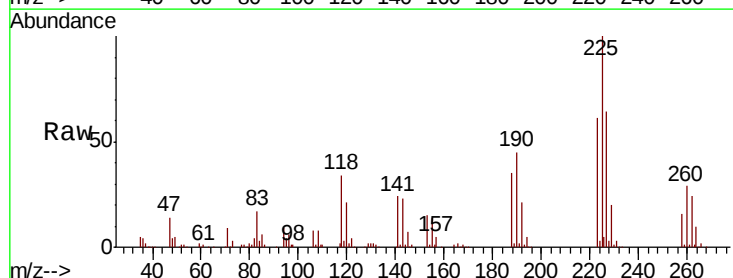
Instrument :
BNA_F
ClientSampleId :

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

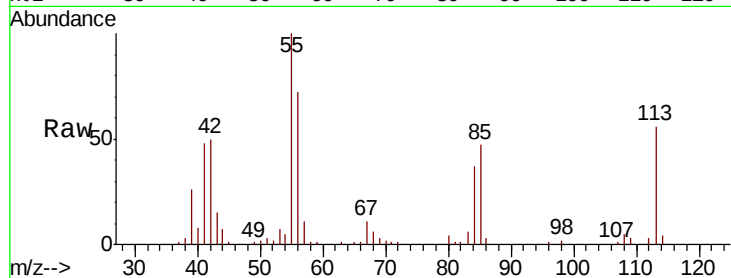




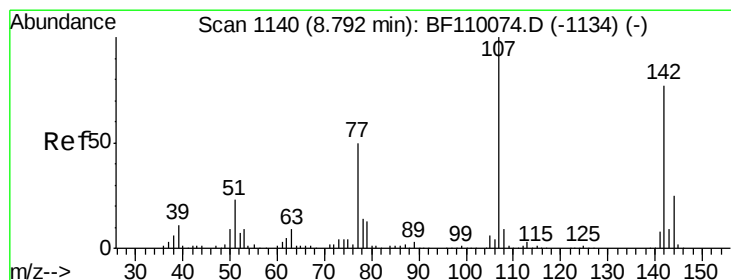
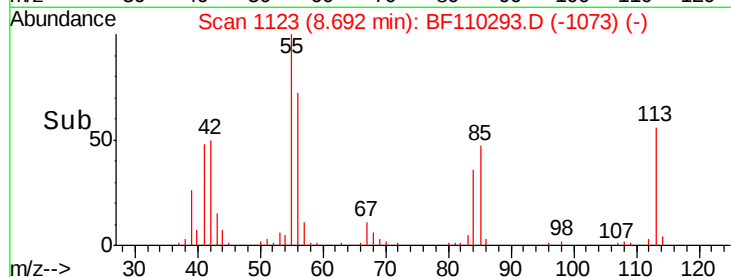
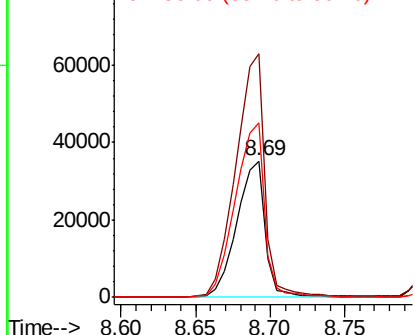
#35
 Caprolactam
 Concen: 32.063 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

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

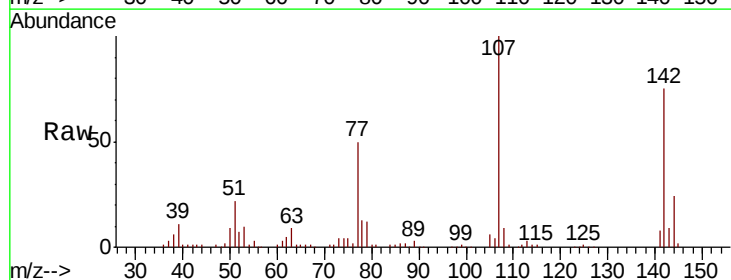


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

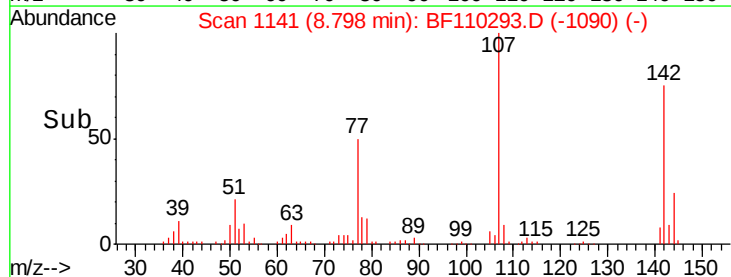
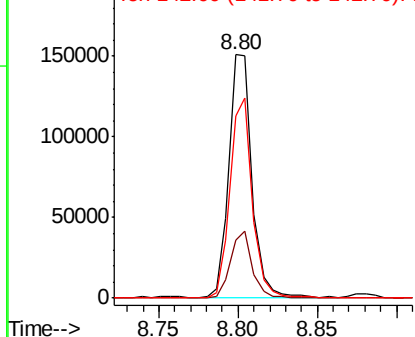


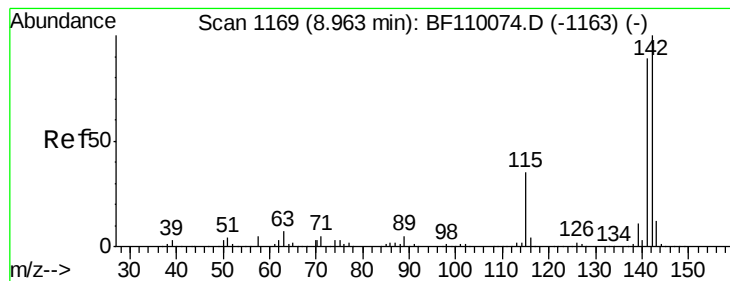
#36
 4-Chloro-3-methylphenol
 Concen: 33.448 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

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 :

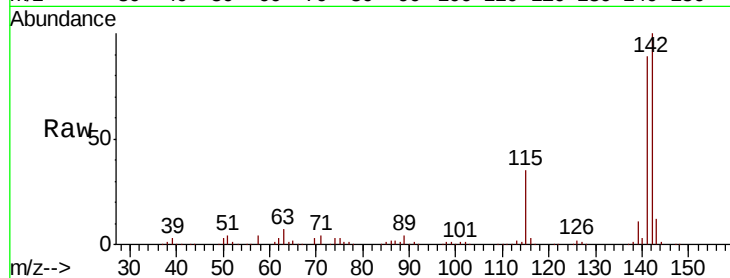
Tot Ion:142 Resp: 346986

Ion Ratio Lower Upper

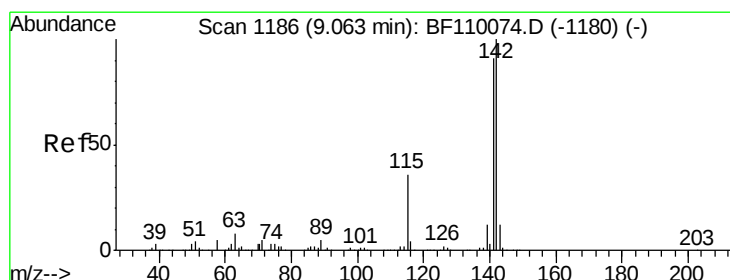
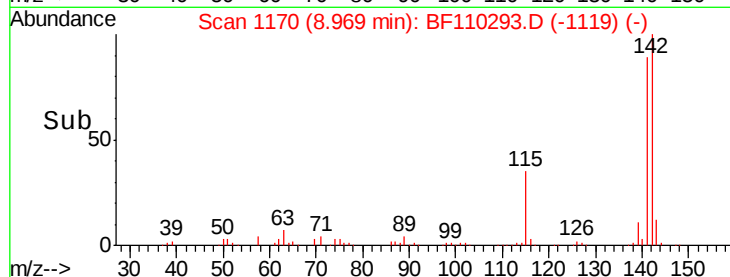
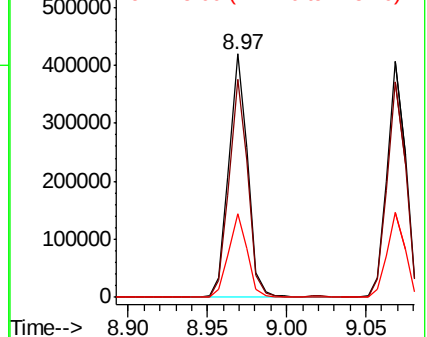
142 100

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

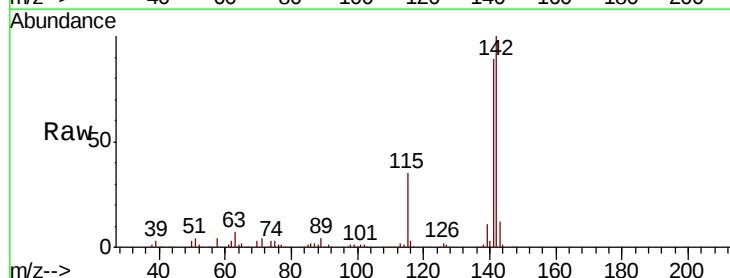
Tgt Ion:142 Resp: 346986

Ion Ratio Lower Upper

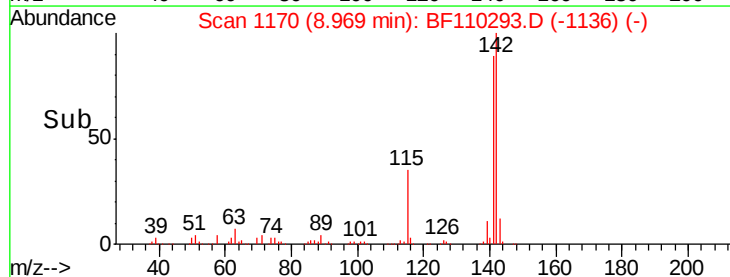
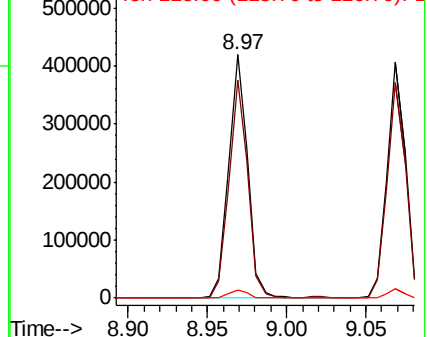
142 100

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 :

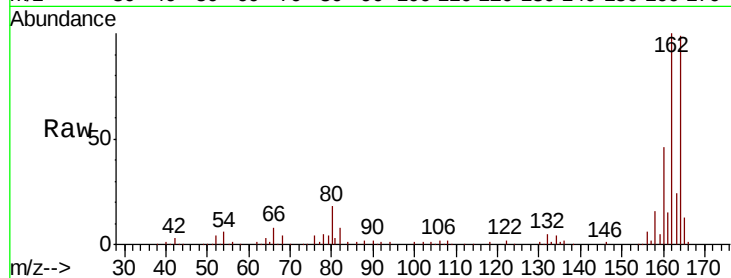
Tot Ion:164 Resp: 123285

Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.6

160 46.8 37.0 55.6

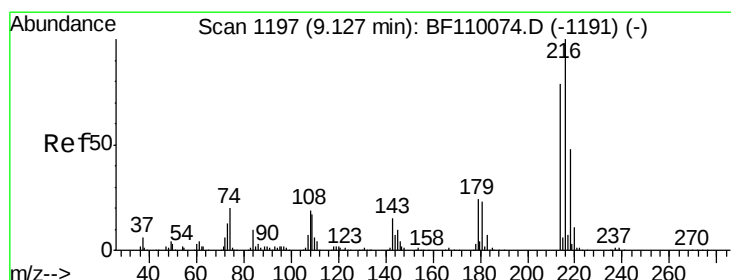
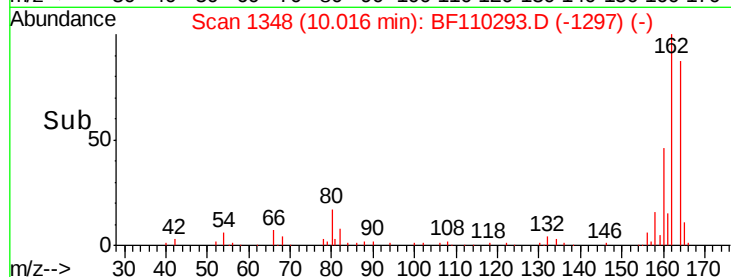
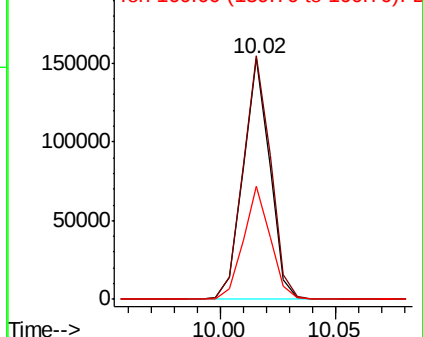


Abundance

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

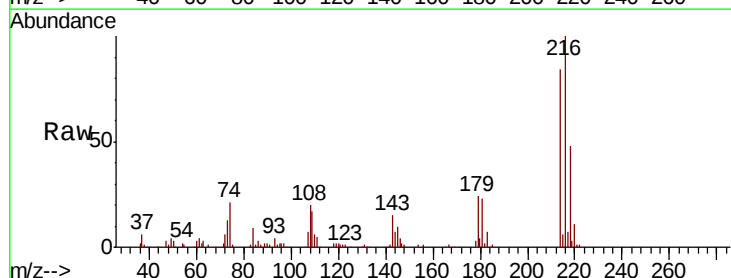
Ion Ratio Lower Upper

216 100

214 80.8 63.8 95.6

179 22.8 16.6 25.0

108 18.1 15.1 22.7



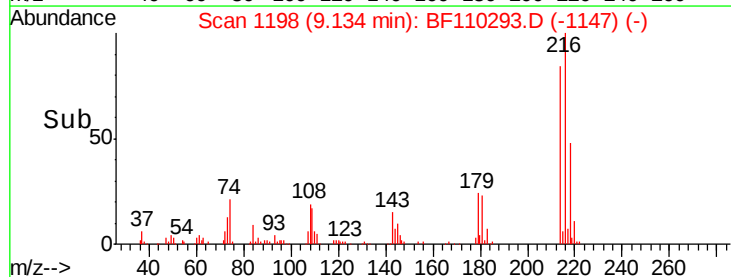
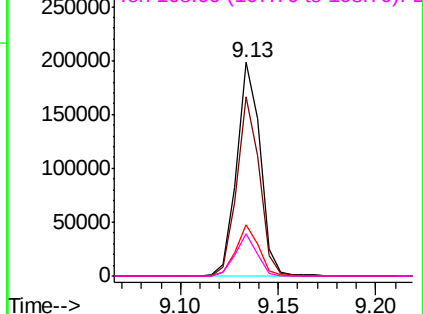
Abundance

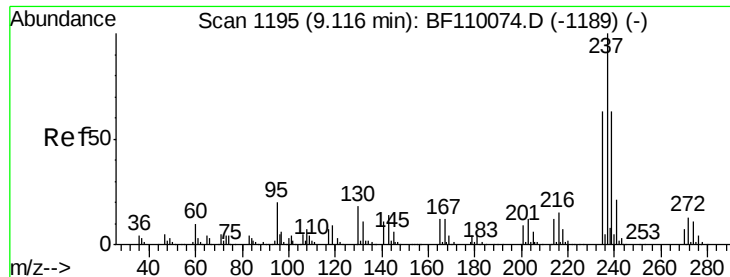
Ion 216.00 (215.70 to 216.70): E

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

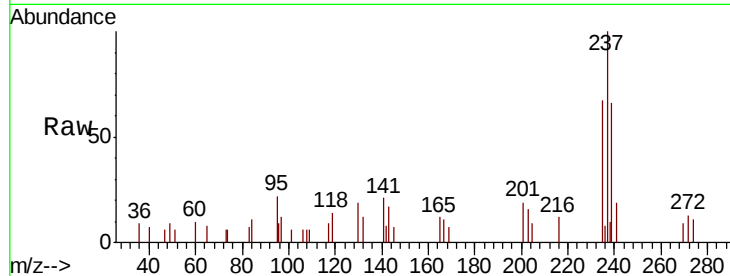




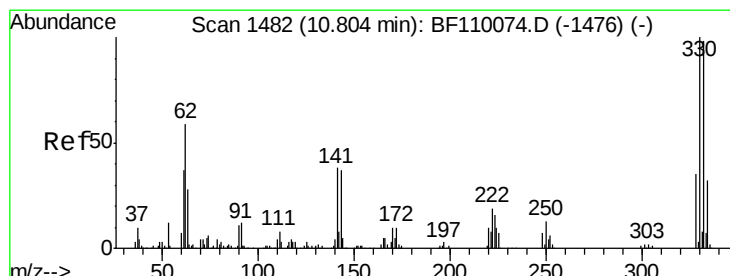
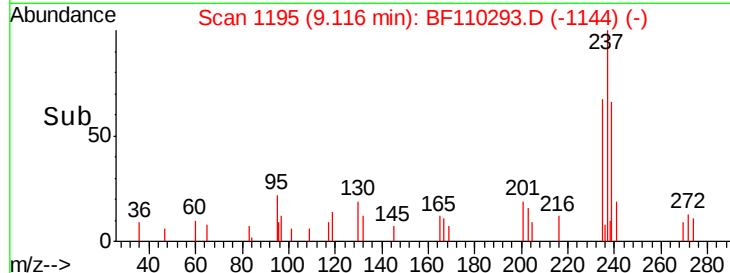
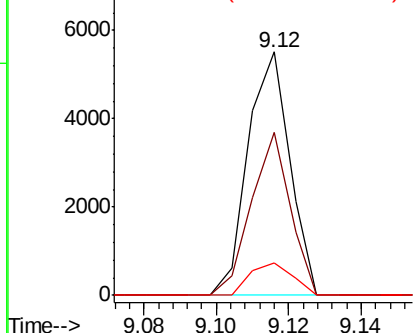
#41
Hexachlorocyclopentadiene
Concen: 2.229 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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

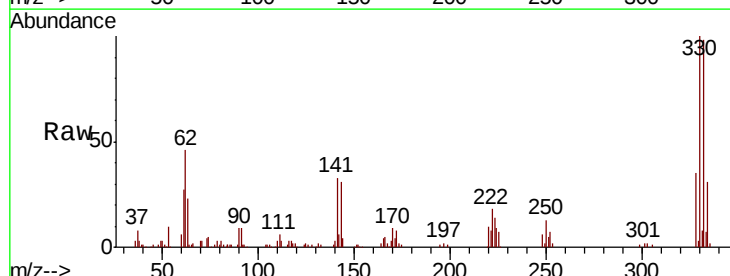


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

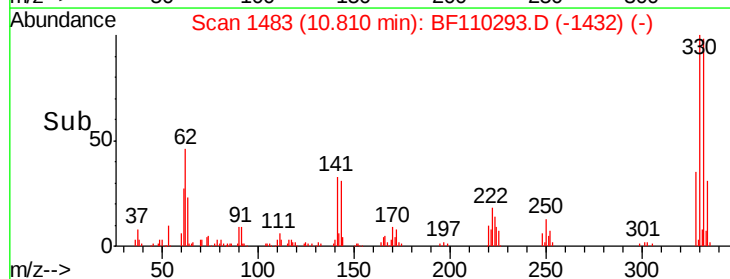
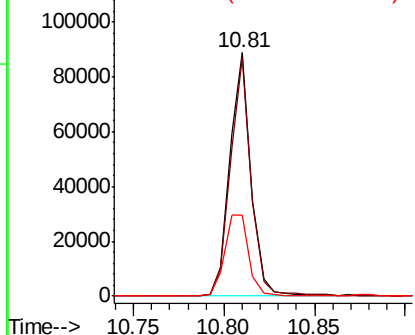


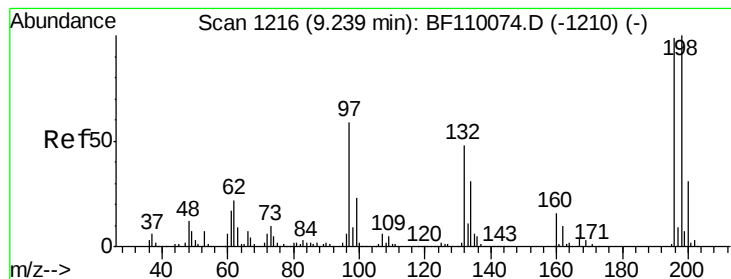
#42
2,4,6-Tribromophenol
Concen: 59.265 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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 :

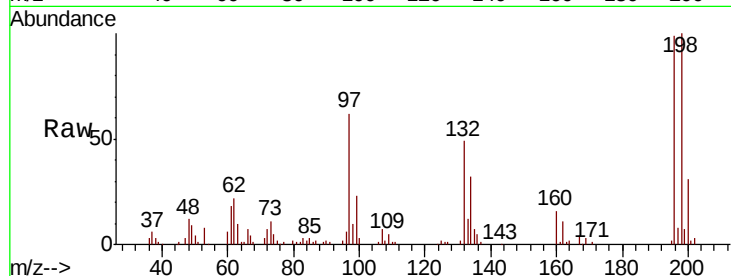
Tot Ion:196 Resp: 92144

Ion Ratio Lower Upper

196 100

198 100.8 76.2 114.4

200 30.9 24.4 36.6

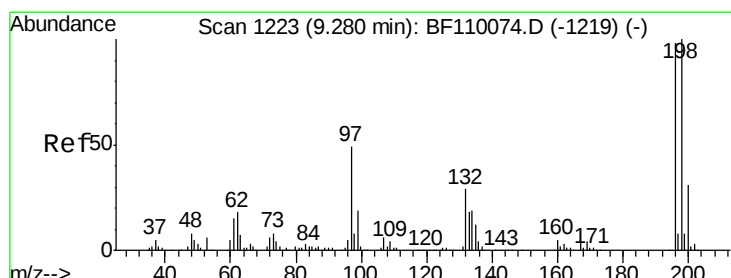
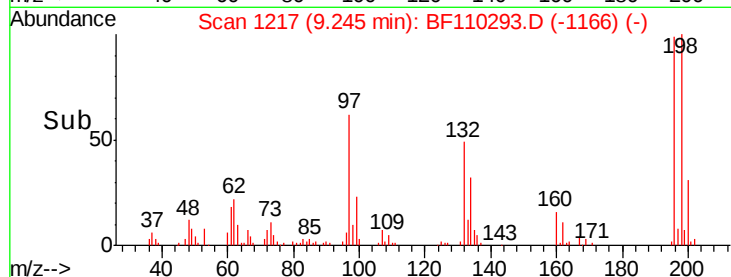
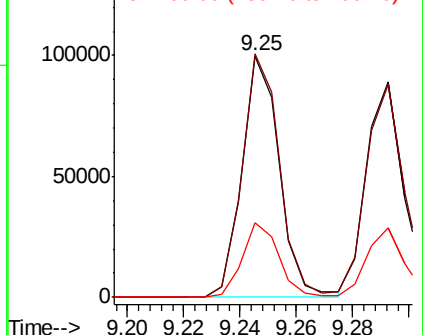


Abundance

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

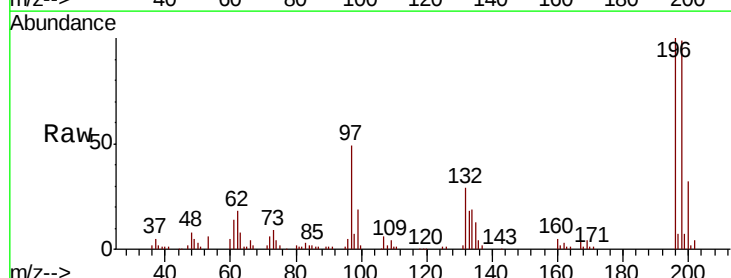
Ion Ratio Lower Upper

196 100

198 98.9 75.8 113.6

97 48.5 42.4 63.6

132 29.2 22.8 34.2



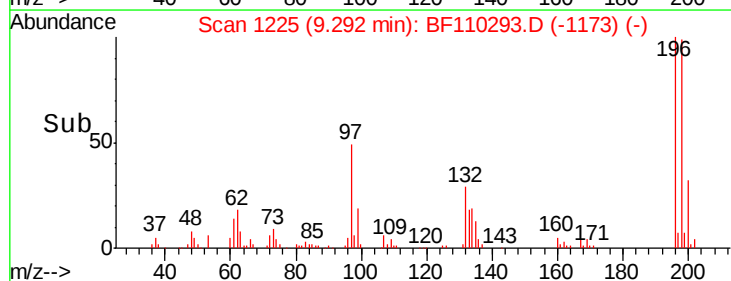
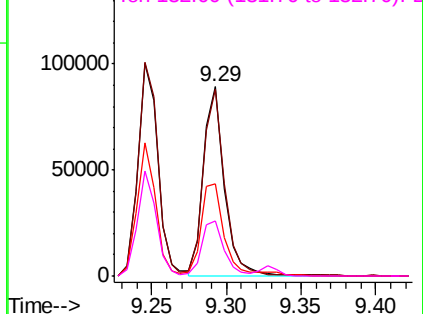
Abundance

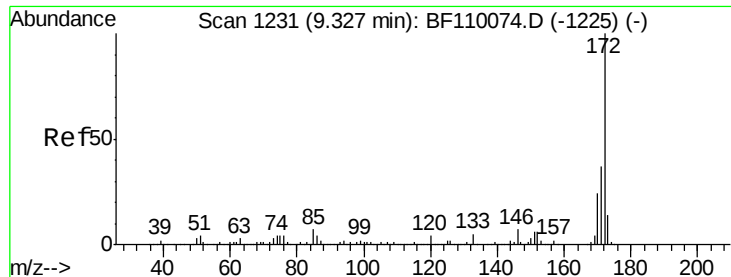
Ion 196.00 (195.70 to 196.70): E

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

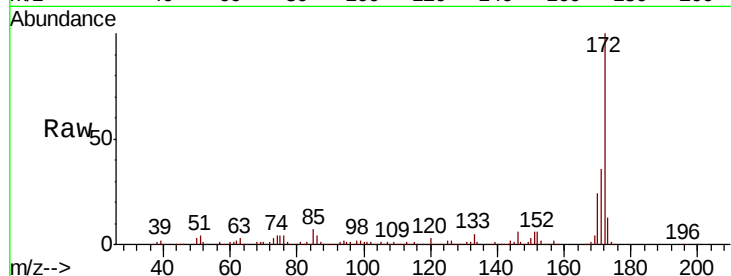




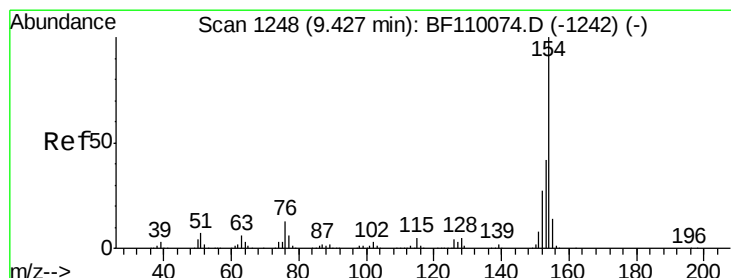
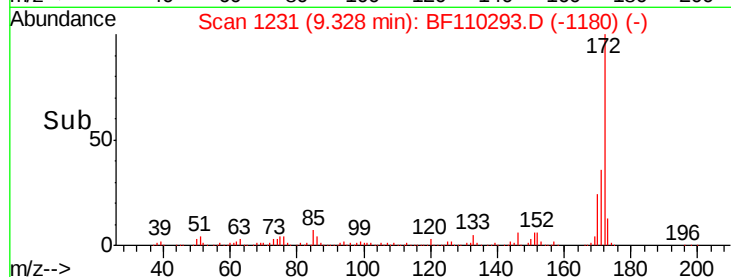
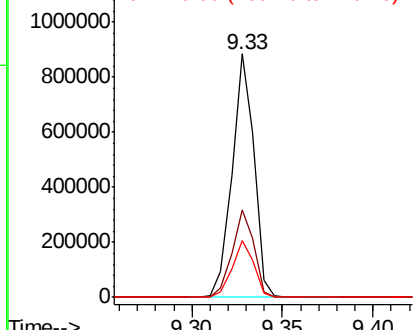
#45
2-Fluorobiphenyl
Concen: 94.394 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Instrument :
BNA_F
ClientSampled :

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

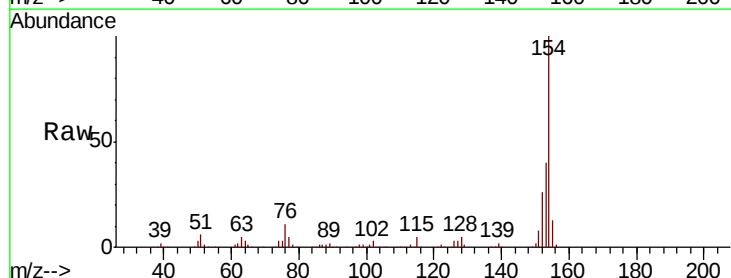


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

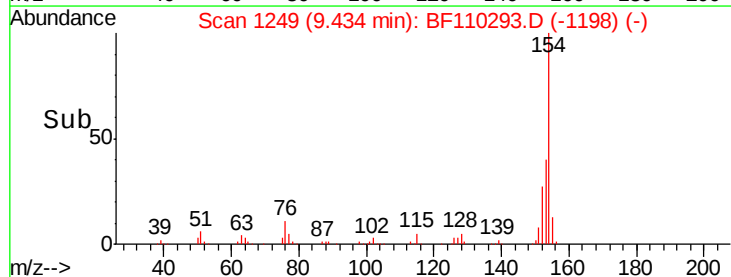
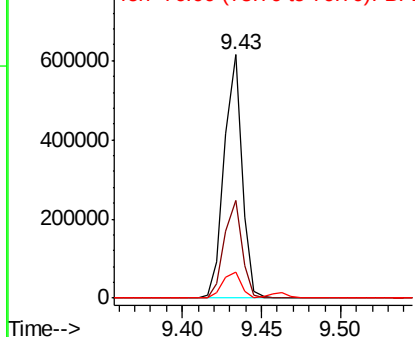


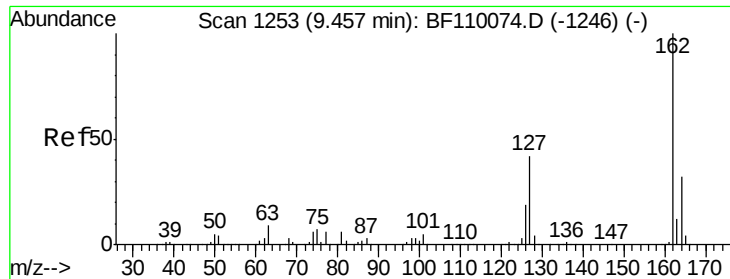
#46
1,1'-Biphenyl
Concen: 43.145 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

Tgt Ion	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 :

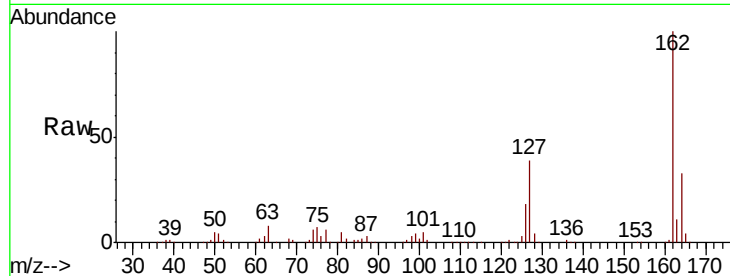
Tot Ion:162 Resp: 341930

Ion Ratio Lower Upper

162 100

127 39.4 32.6 48.8

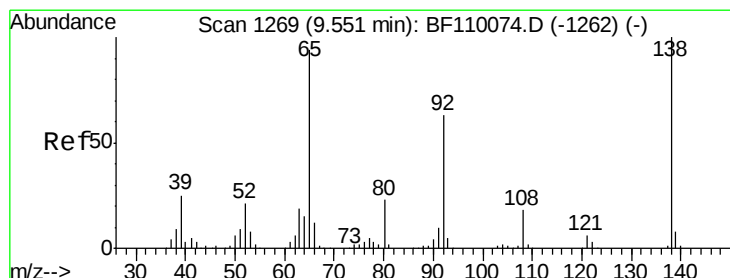
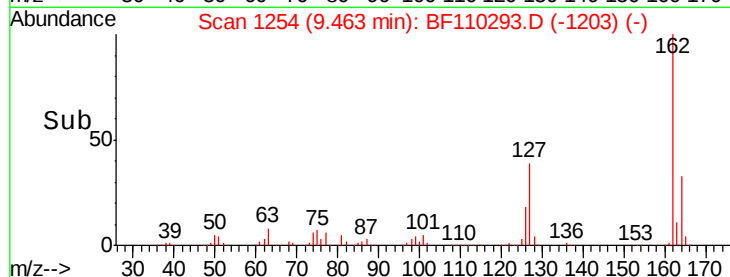
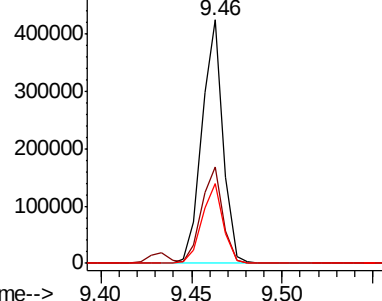
164 32.8 25.9 38.9



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

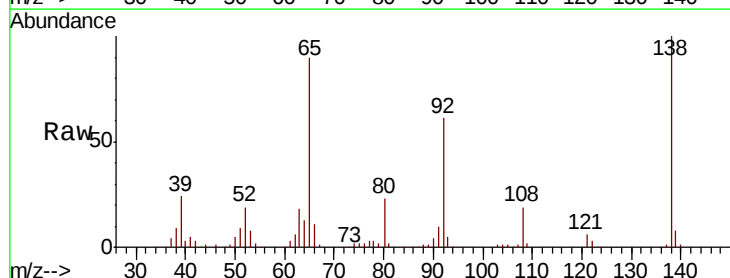
Tgt Ion: 65 Resp: 99193

Ion Ratio Lower Upper

65 100

92 68.1 54.6 81.8

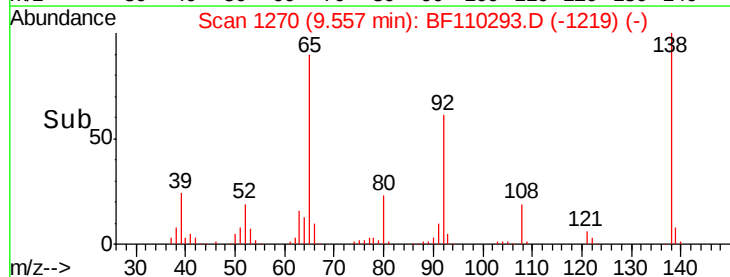
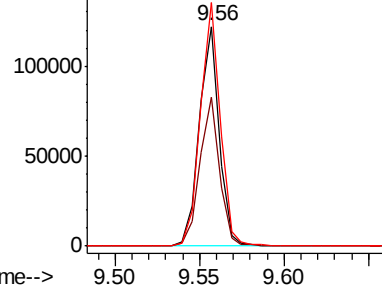
138 110.9 80.3 120.5

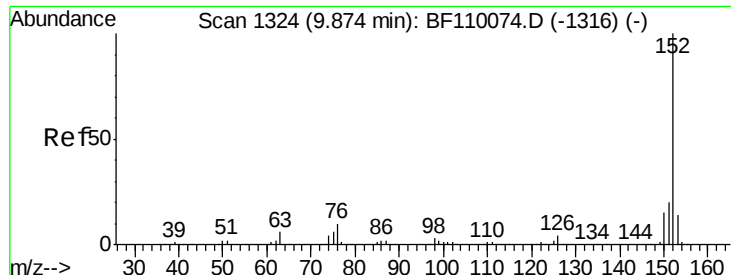


Abundance Ion 65.00 (64.70 to 65.70): BF1

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 :

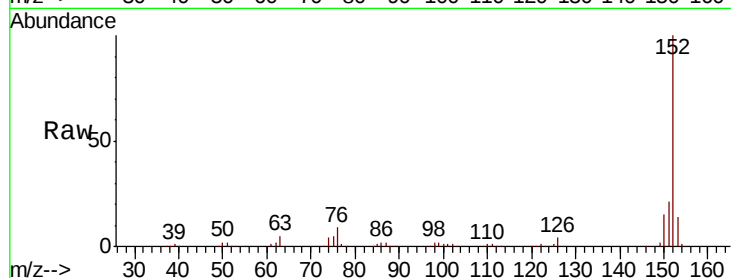
Tot Ion:152 Resp: 474929

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

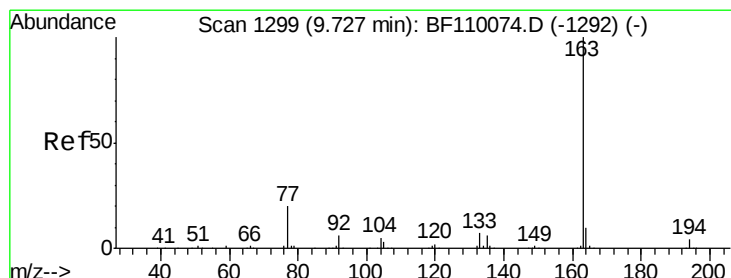
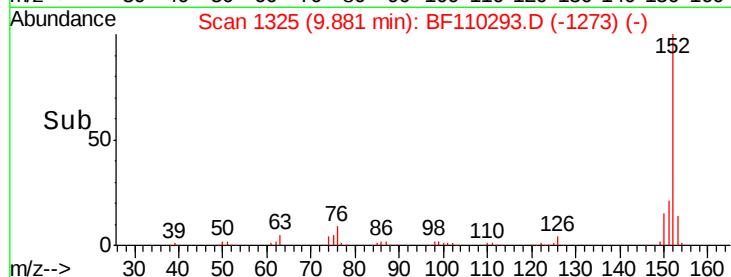
600000 9.88

400000

200000

0

Time-->



#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

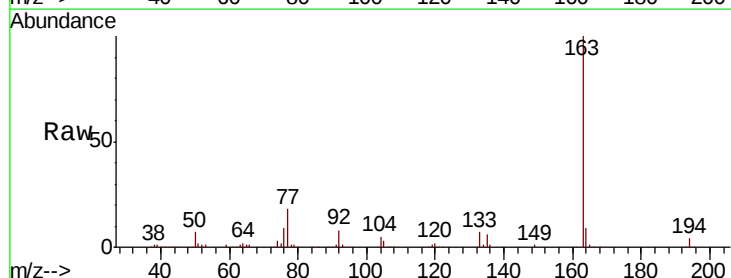
Tgt Ion:163 Resp: 388734

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

500000 9.73

400000

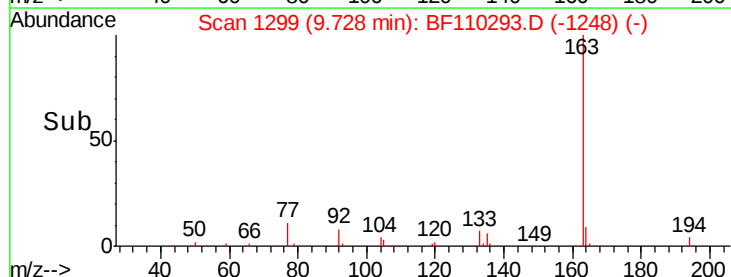
300000

200000

100000

0

Time-->





#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 :

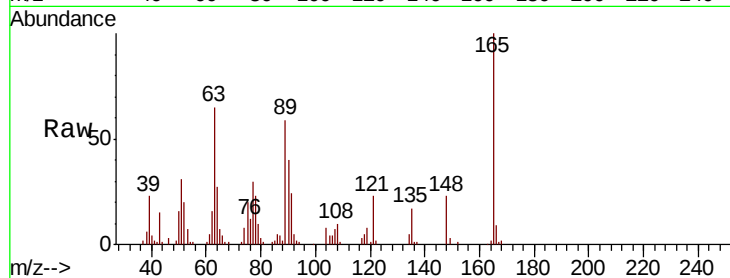
Tot Ion:165 Resp: 60991

Ion Ratio Lower Upper

165 100

63 64.8 48.9 73.3

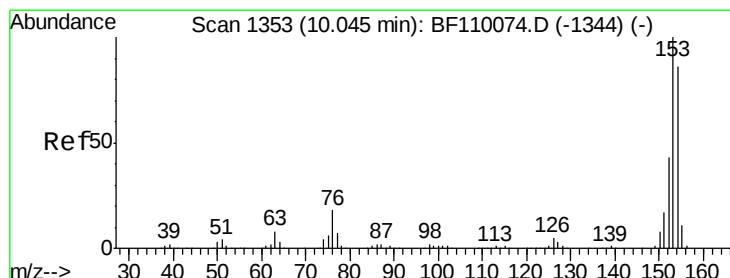
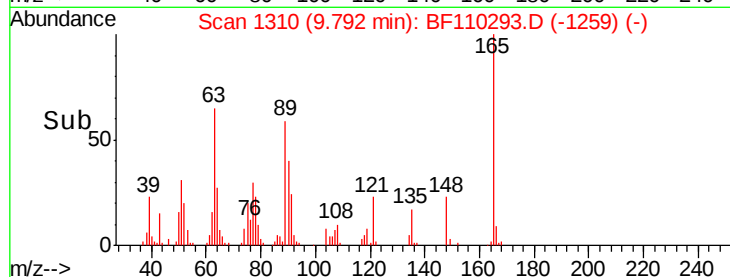
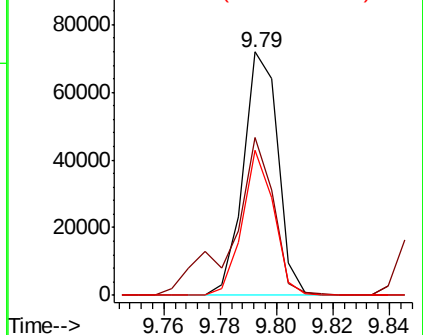
89 59.5 46.6 69.8



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

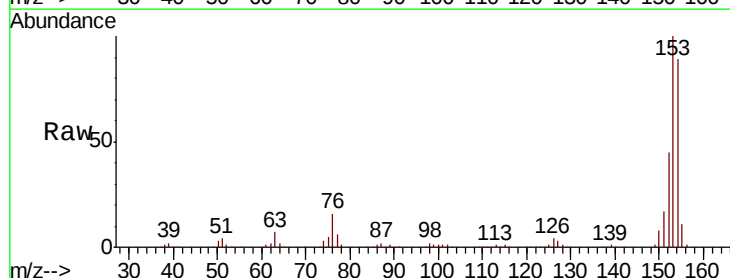
Tgt Ion:154 Resp: 296440

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

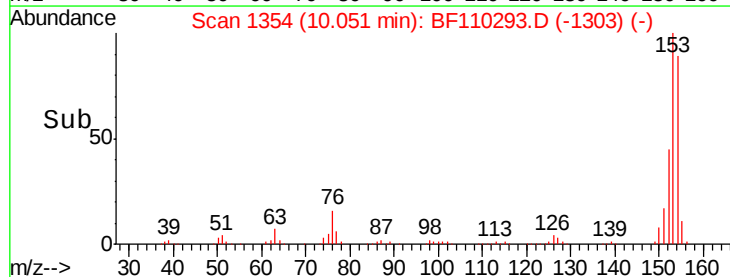
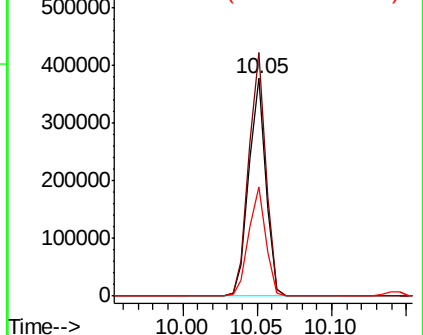
152 50.3 43.4 65.2

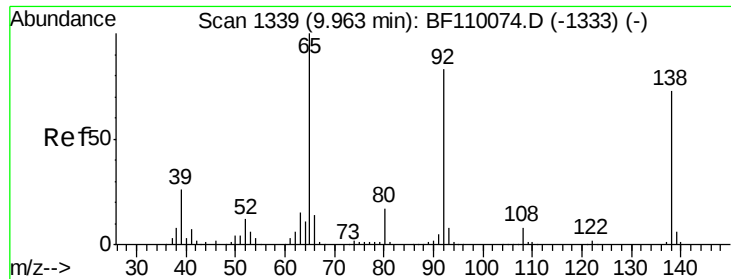


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

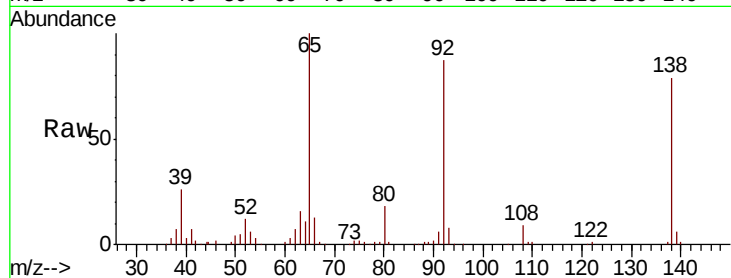




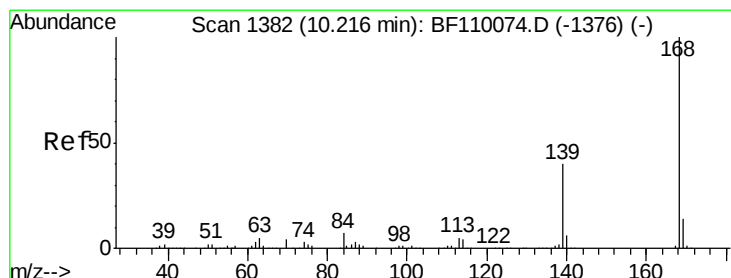
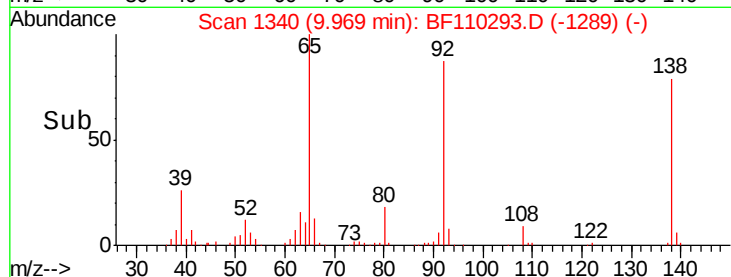
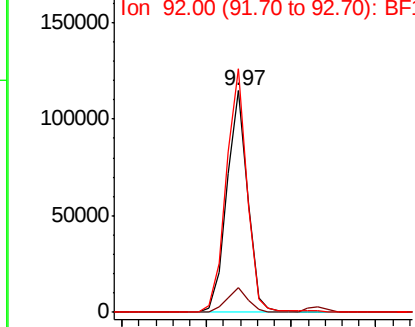
#53
3-Nitroaniline
Concen: 42.064 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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

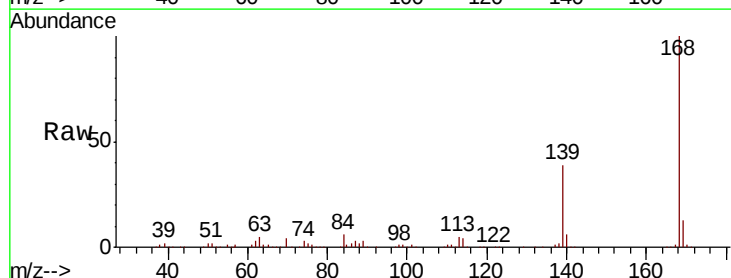


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

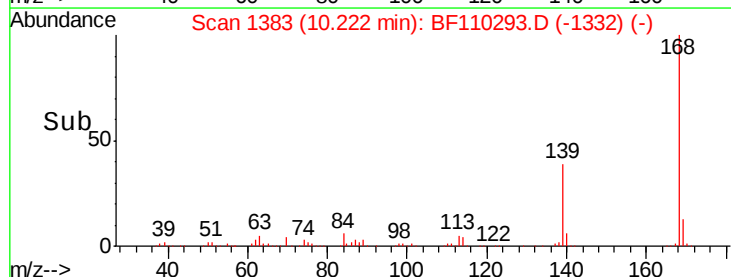
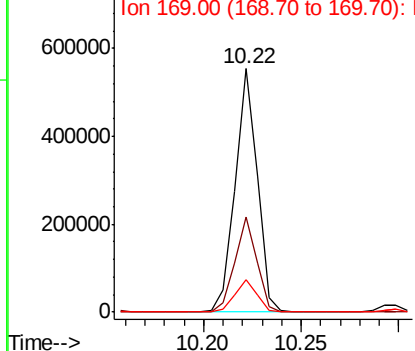


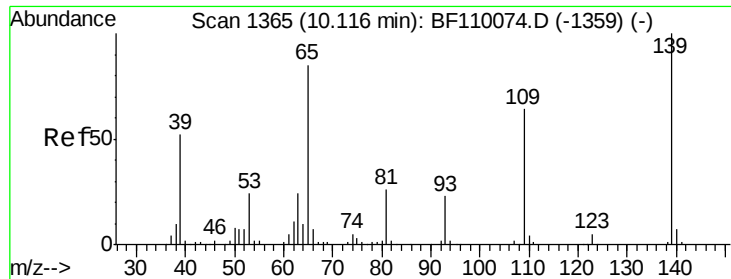
#55
Dibenzofuran
Concen: 39.752 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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

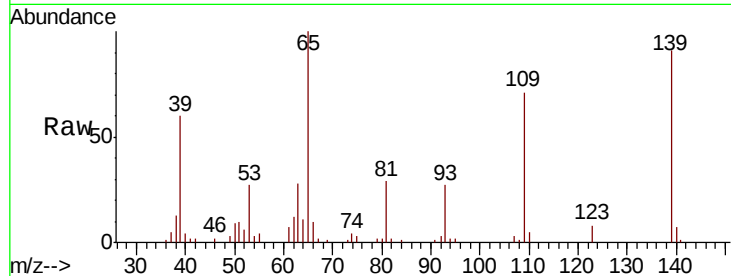




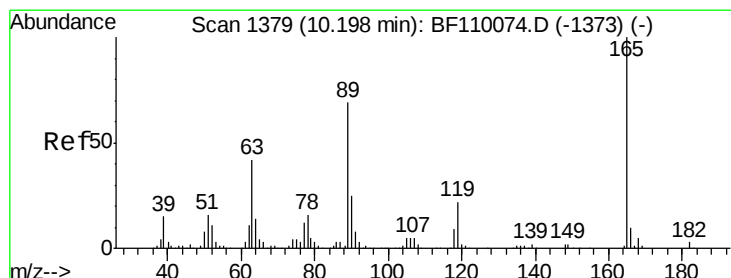
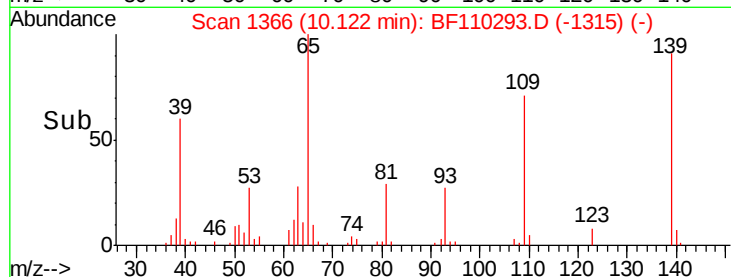
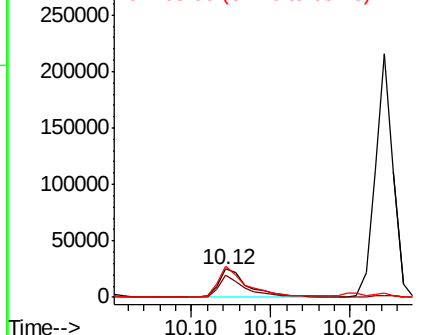
#56
4-Nitrophenol
Concen: 19.225 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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

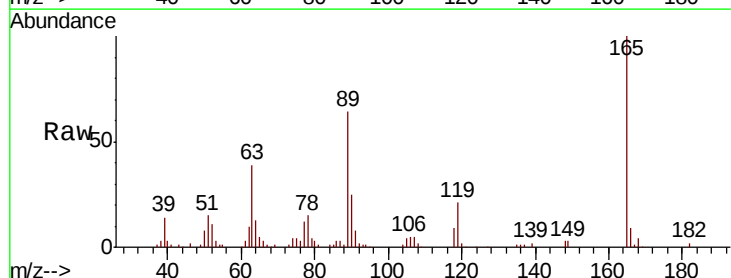


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

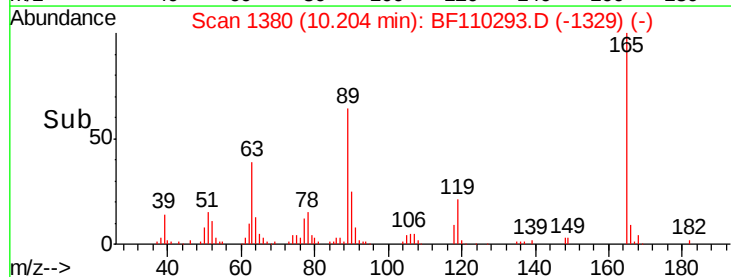
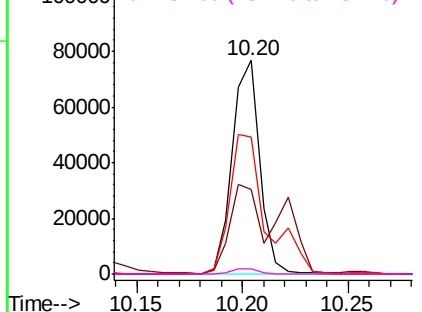


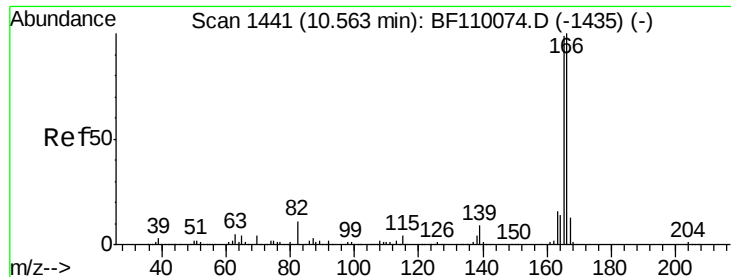
#57
2,4-Dinitrotoluene
Concen: 27.554 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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

ClientSampled :

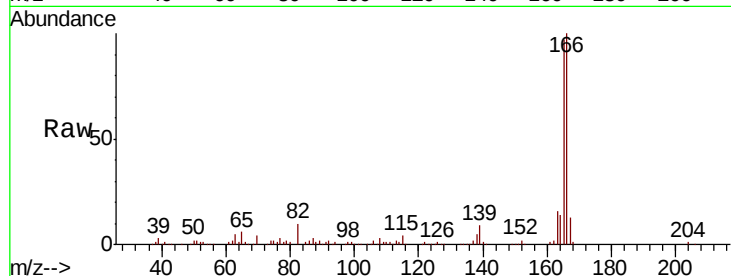
Tot Ion:166 Resp: 314703

Ion Ratio Lower Upper

166 100

165 96.7 78.6 117.8

167 12.8 10.8 16.2

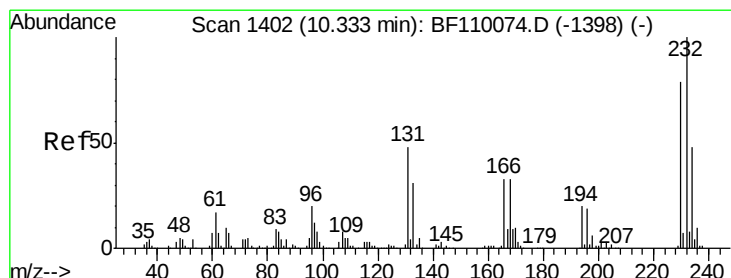
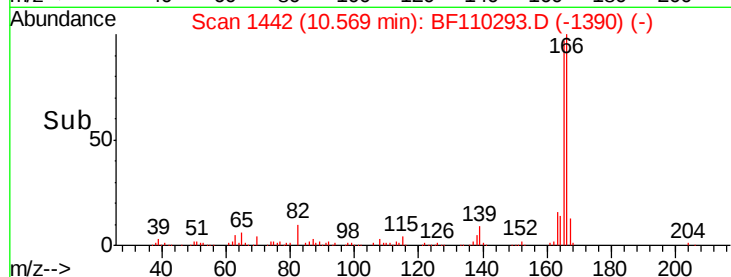
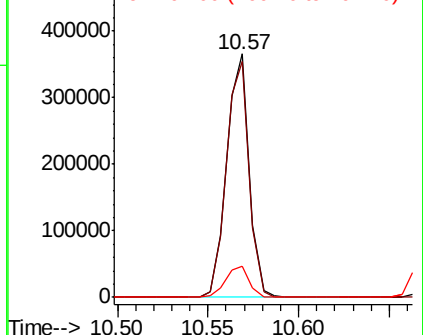


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 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

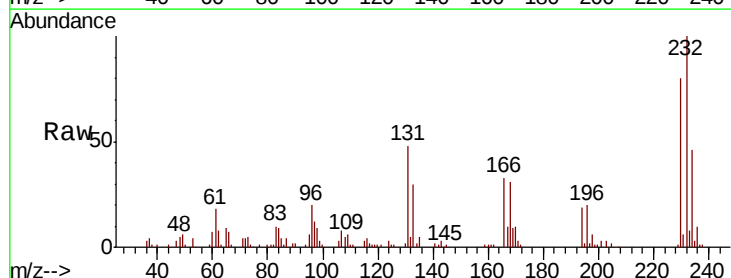
Ion Ratio Lower Upper

232 100

131 47.7 37.0 55.4

130 1.9 1.8 2.6

166 32.0 22.0 33.0



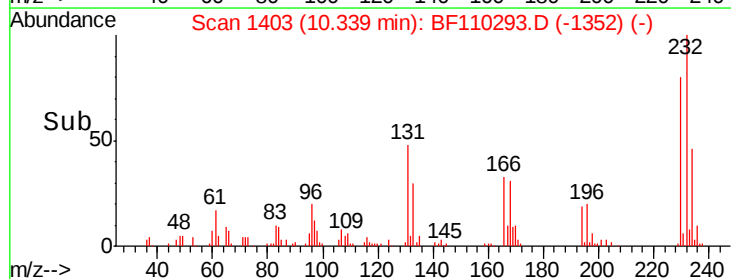
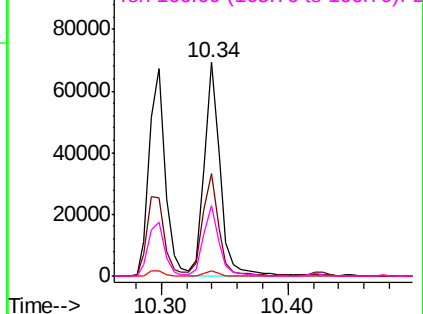
Abundance

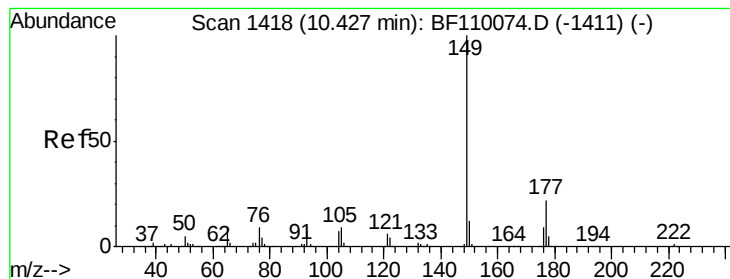
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#60

Diethylphthalate

Concen: 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 :

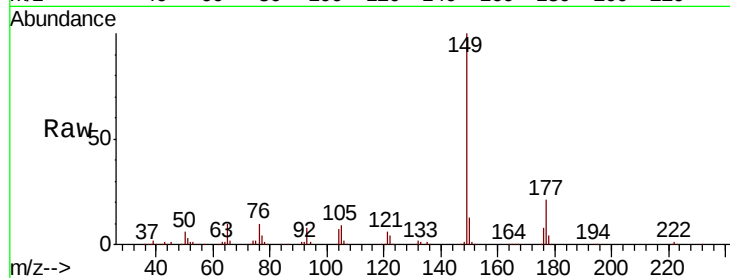
Tot Ion:149 Resp: 372708

Ion Ratio Lower Upper

149 100

177 21.0 17.4 26.2

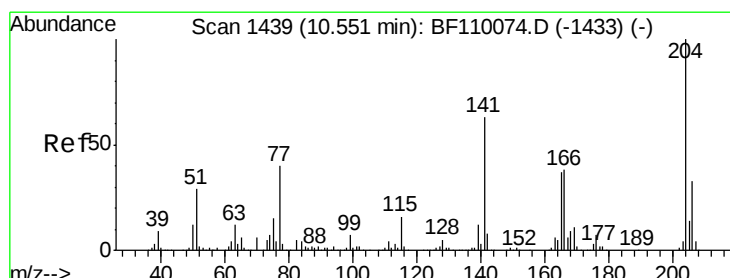
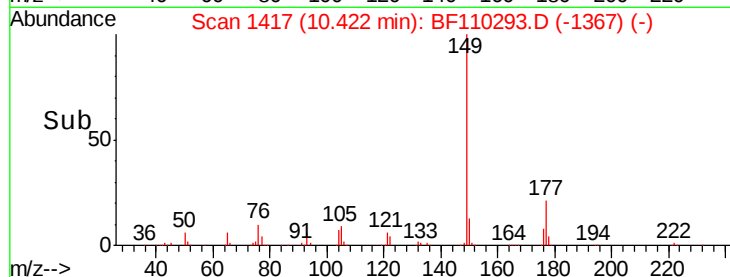
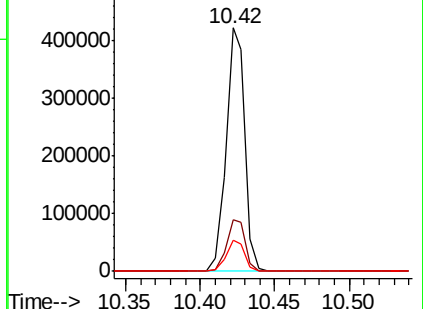
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 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

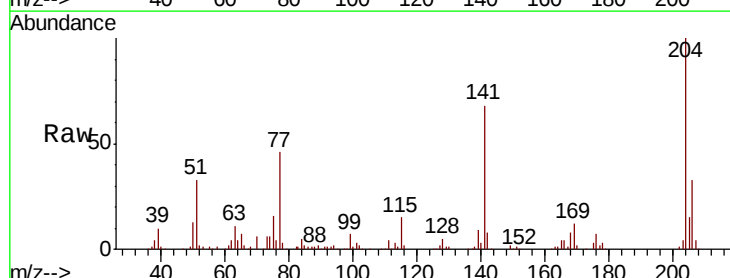
Tgt Ion:204 Resp: 173634

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

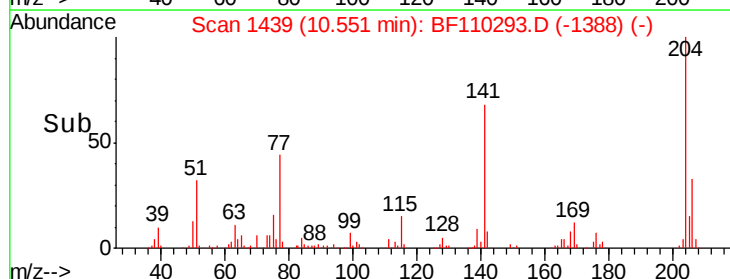
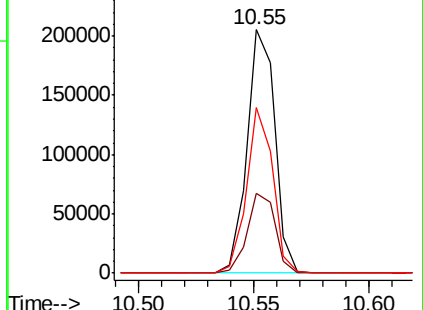
141 68.0 51.8 77.8

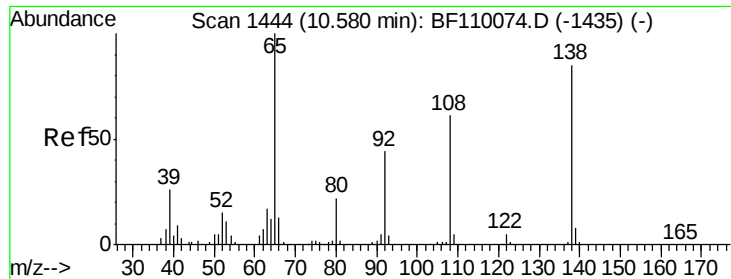


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

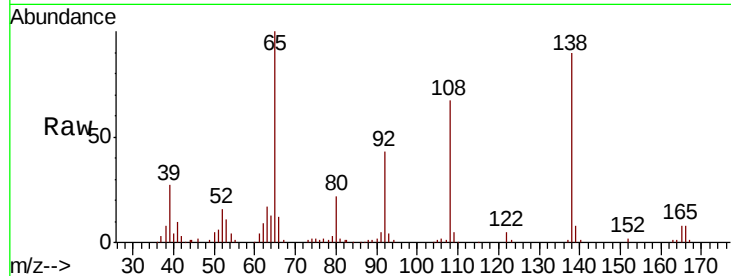




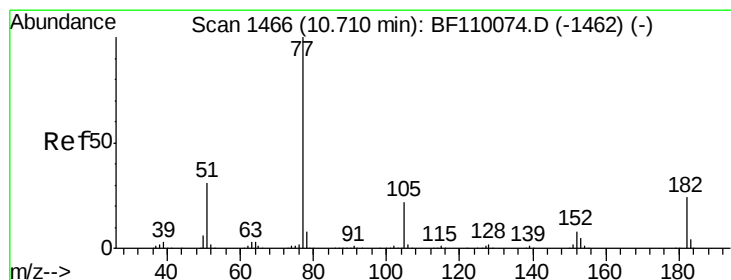
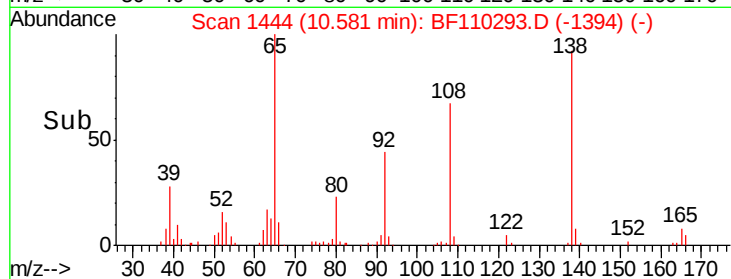
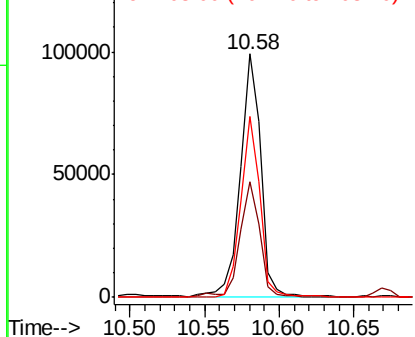
#62
4-Nitroaniline
Concen: 41.225 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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

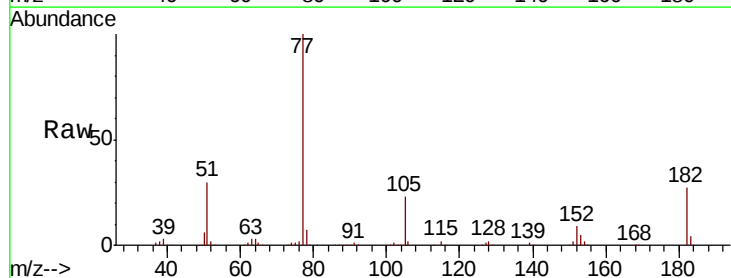


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

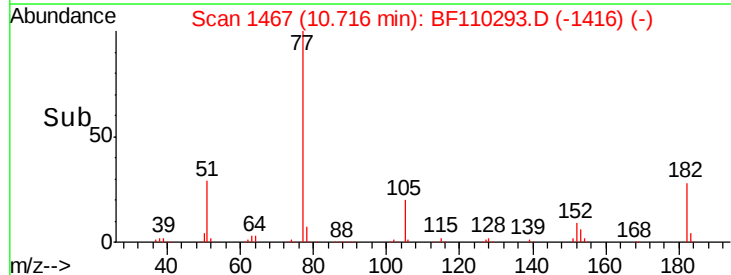
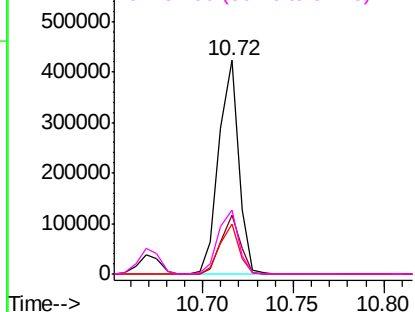


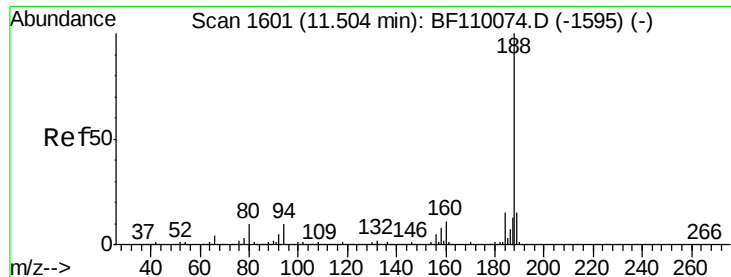
#63
Azobenzene
Concen: 36.843 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

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 :

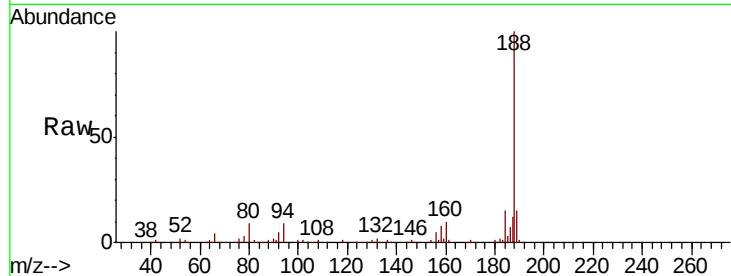
Tot Ion:188 Resp: 207204

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

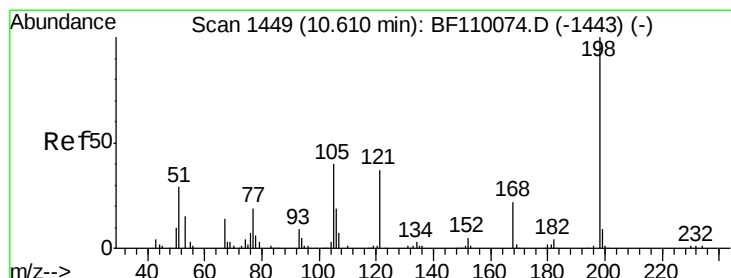
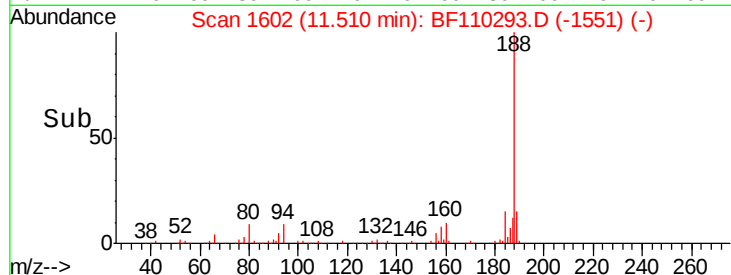
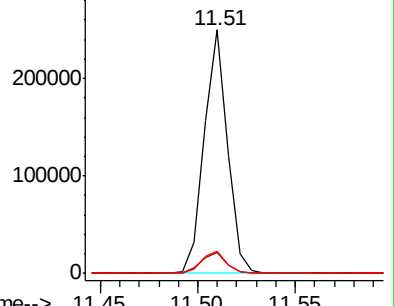
80 9.1 7.9 11.9



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



#65

4,6-Dinitro-2-methylphenol

Concen: 0.899 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF110293.D

Acq: 30 Oct 2018 7:15

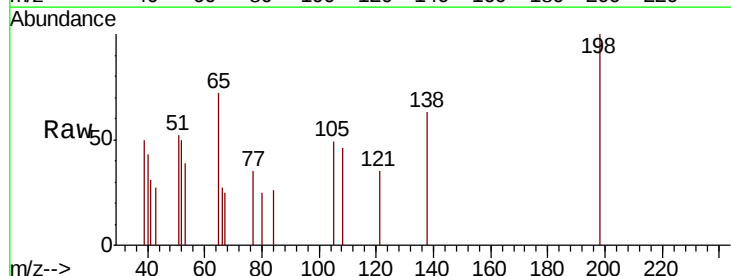
Tgt Ion:198 Resp: 851

Ion Ratio Lower Upper

198 100

51 51.8 22.8 62.8

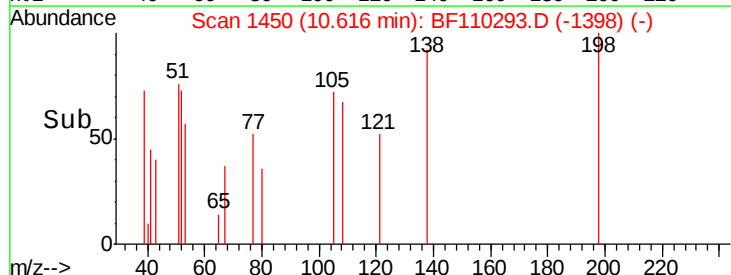
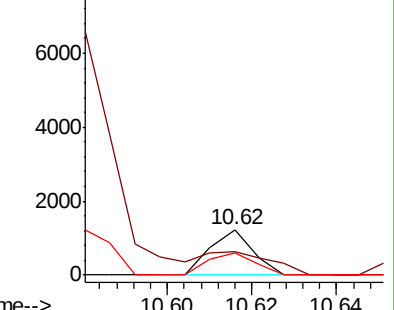
105 49.1 23.6 63.6

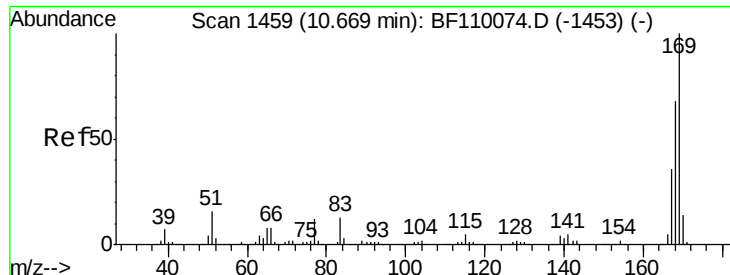


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

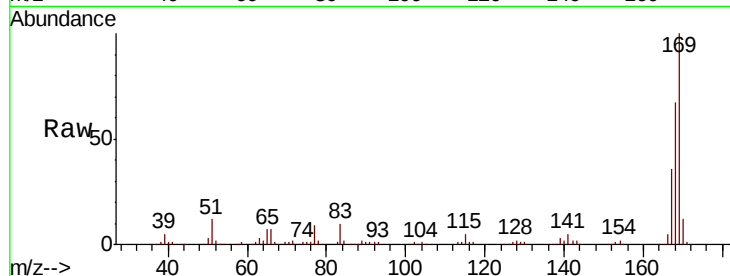




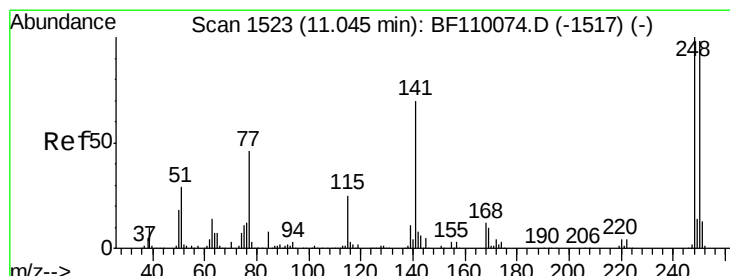
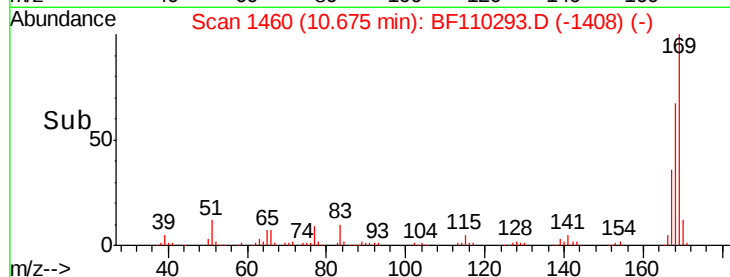
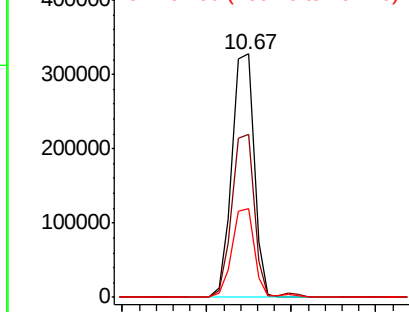
#66
 n-Nitrosodiphenylamine
 Concen: 44.160 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.7	51.2	76.8
167	36.2	27.8	41.6

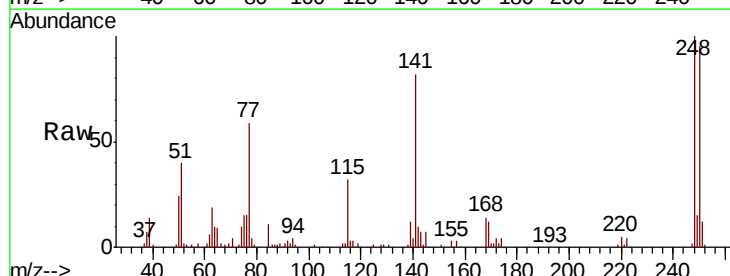


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

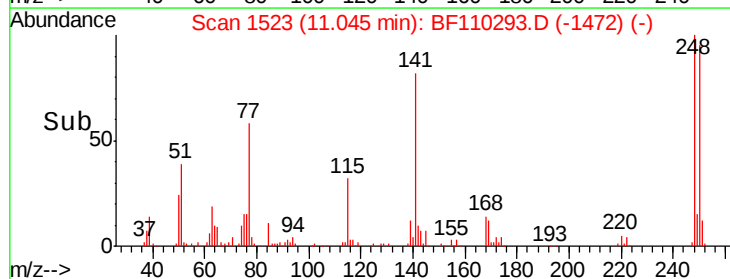
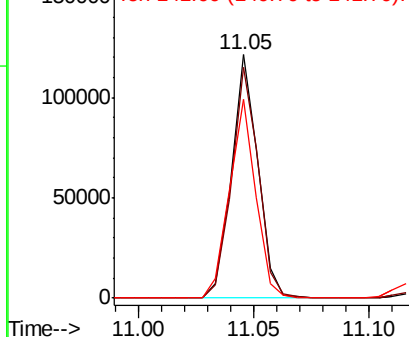


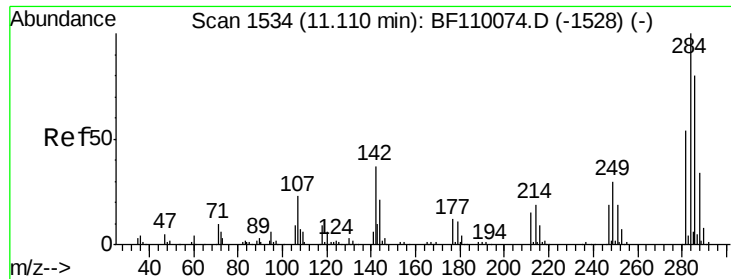
#67
 4-Bromophenyl-phenylether
 Concen: 43.012 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Tgt 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

Instrument :

BNA_F

ClientSampleId :

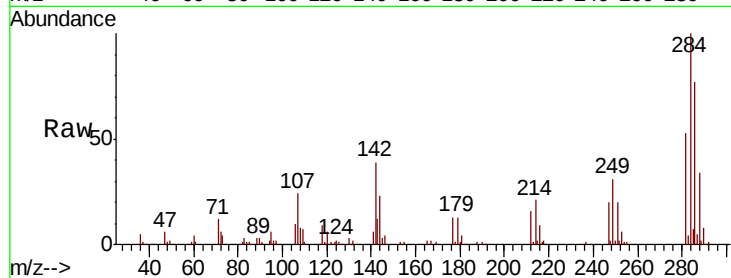
Tot Ion:284 Resp: 97242

Ion Ratio Lower Upper

284 100

142 39.0 23.9 35.9#

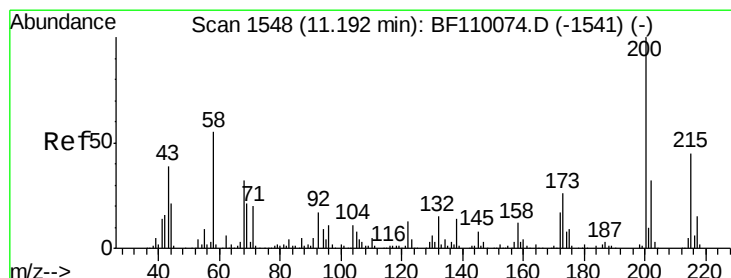
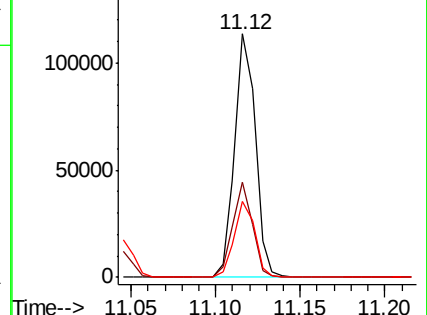
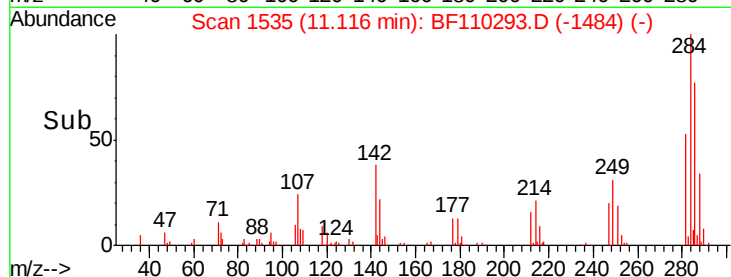
249 31.2 24.2 36.2



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

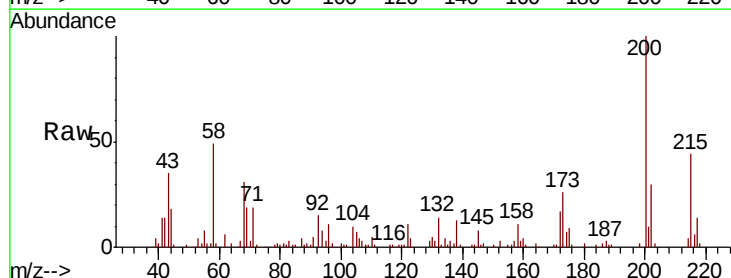
Tgt Ion:200 Resp: 64736

Ion Ratio Lower Upper

200 100

173 25.5 6.6 46.6

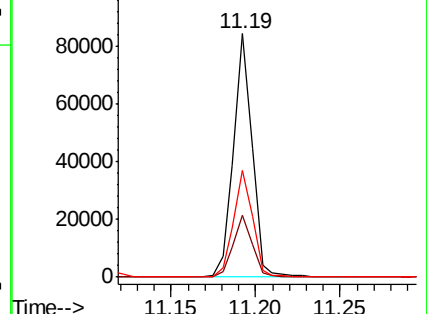
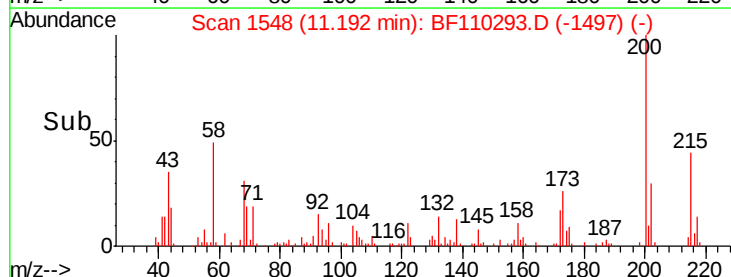
215 44.0 26.3 66.3

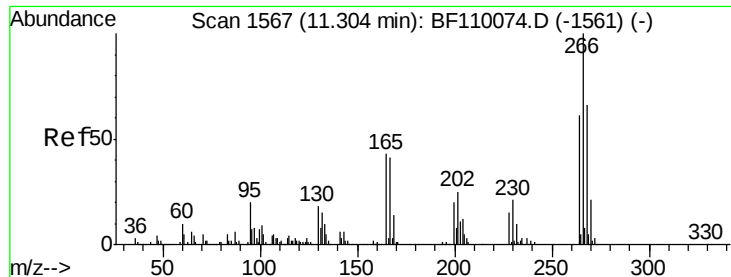


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

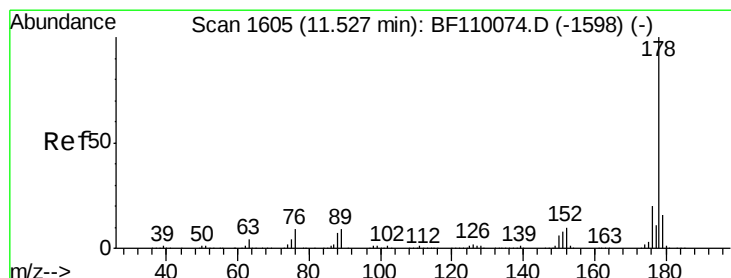
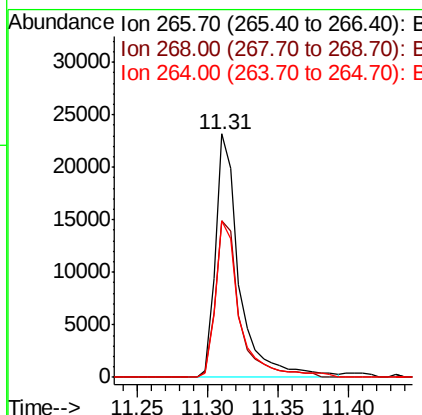
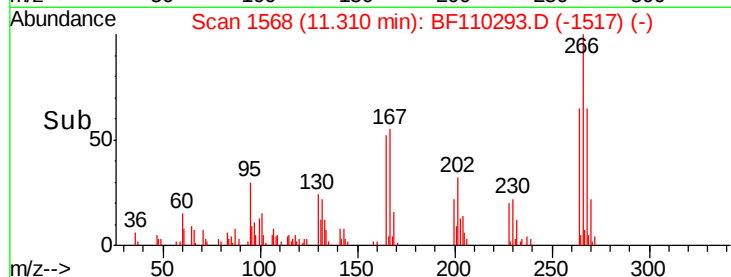
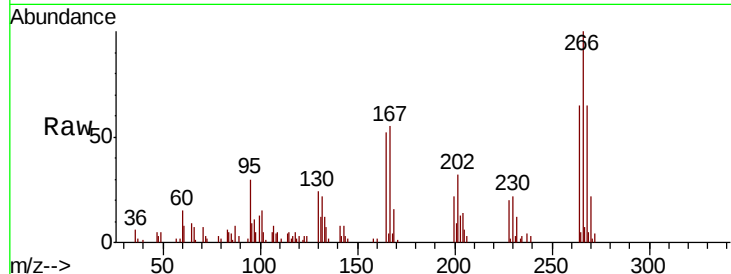




#70
 Pentachlorophenol
 Concen: 19.665 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

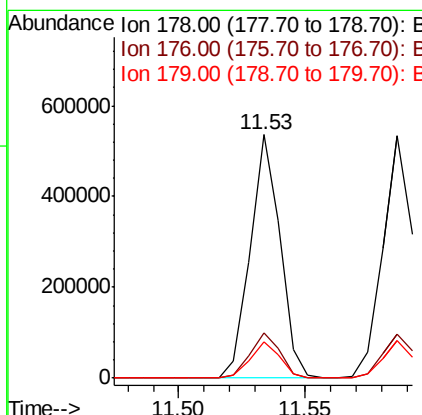
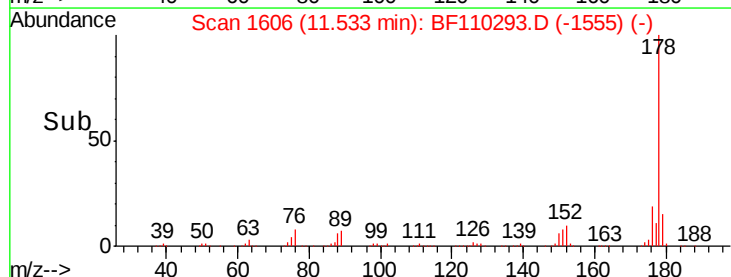
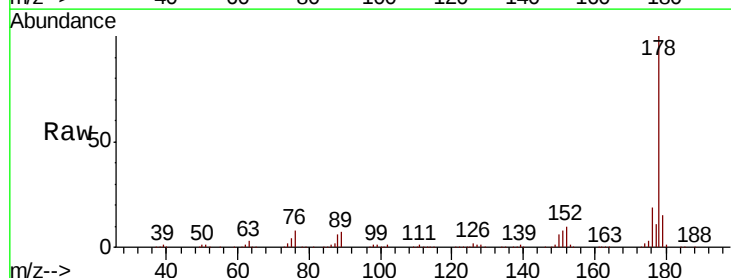
Instrument :
 BNA_F
 ClientSampleId :

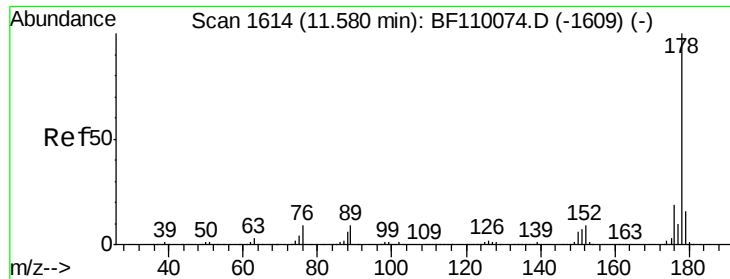
Tot Ion:266 Resp: 27346
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.6 75.8
 264 64.5 50.6 75.8



#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

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

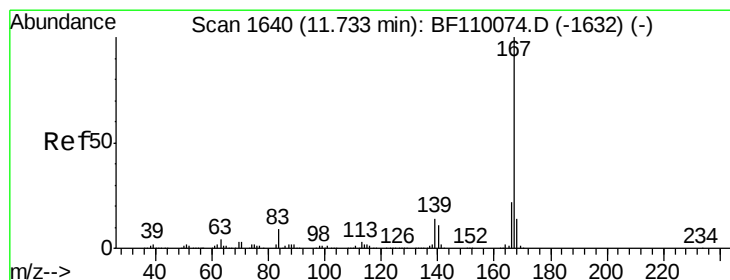
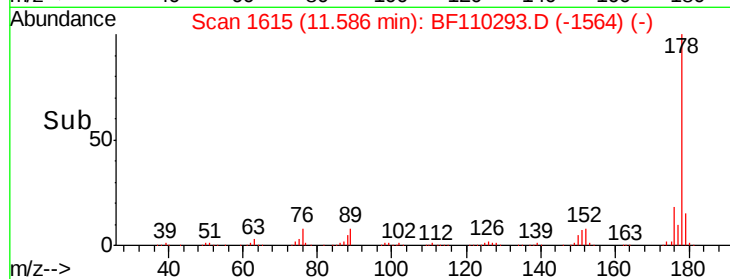
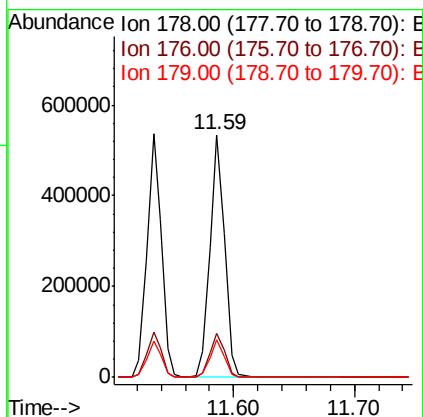
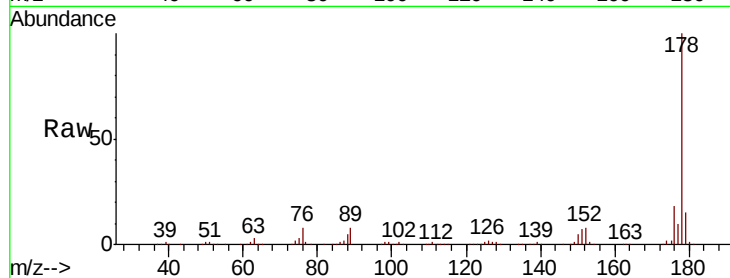




#72
 Anthracene
 Concen: 41.132 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

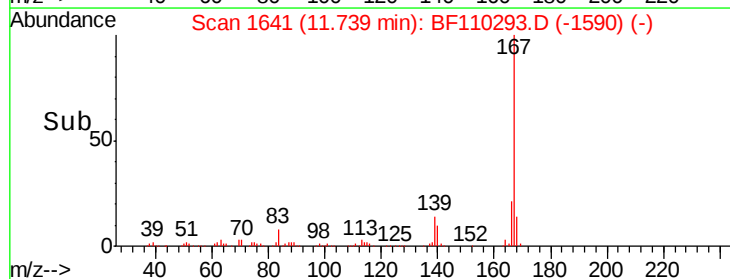
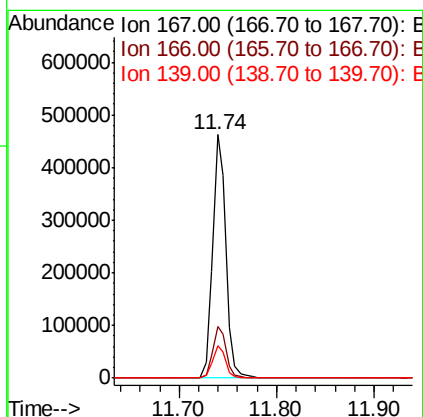
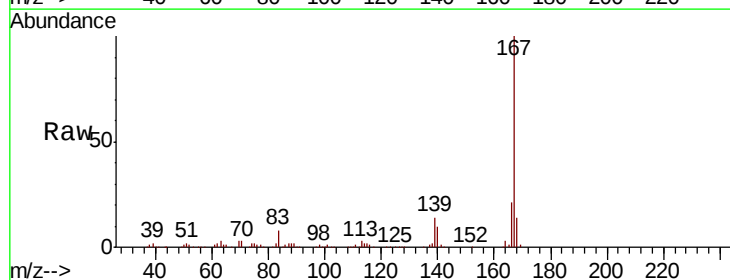
Instrument :
 BNA_F
 ClientSampleId :

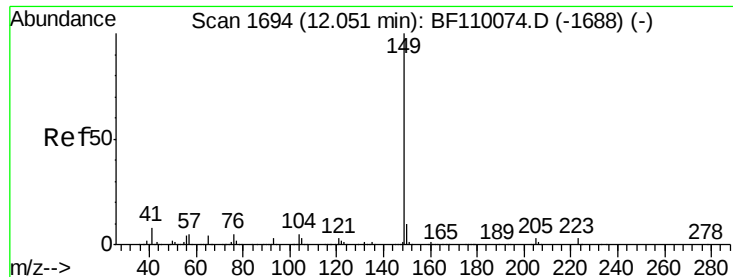
Tot Ion:178 Resp: 446992
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.4 12.6 18.8



#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

Tgt Ion:167 Resp: 433723
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 13.6 10.9 16.3

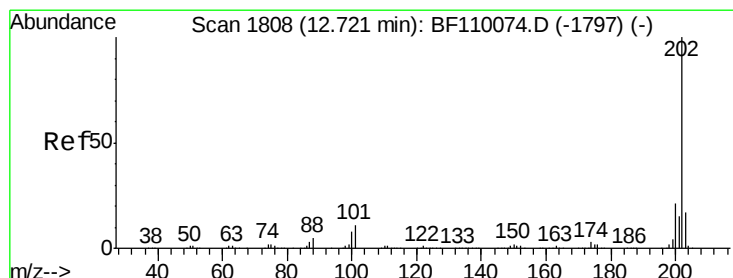
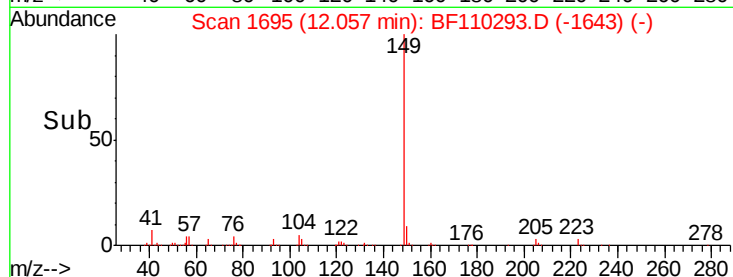
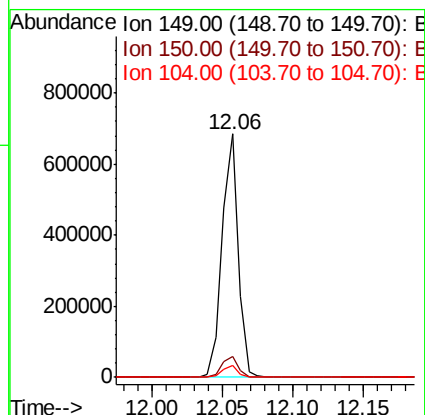
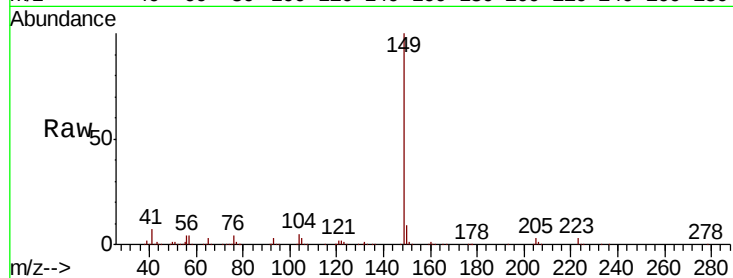




#74
Di-n-butylphthalate
Concen: 45.135 ng
RT: 12.06 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

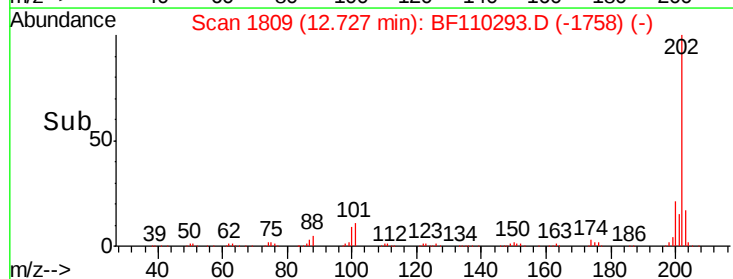
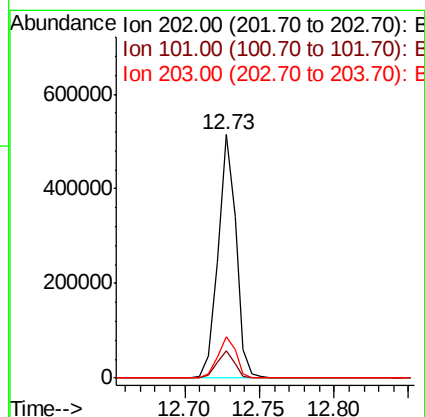
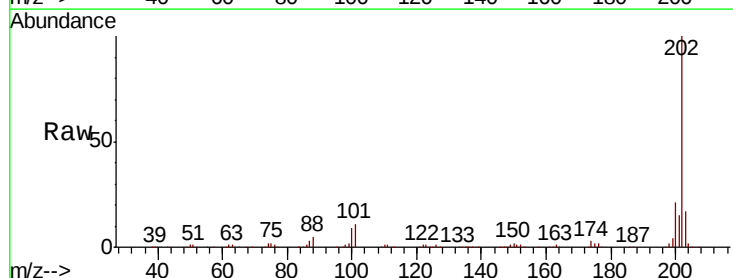
Instrument :
BNA_F
ClientSampleId :

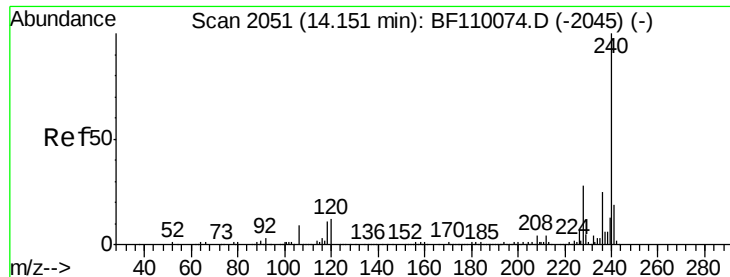
Tot Ion:149 Resp: 540886
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.7 4.2 6.4



#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

Tgt Ion:202 Resp: 433730
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.2 0.0 37.7

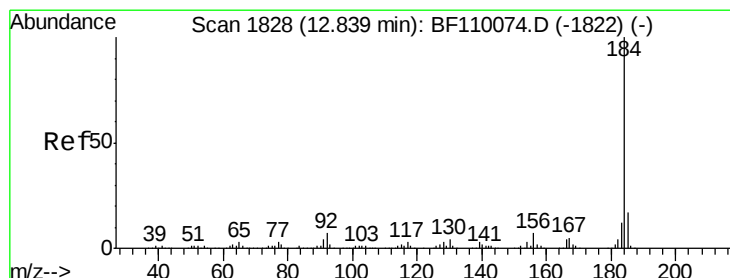
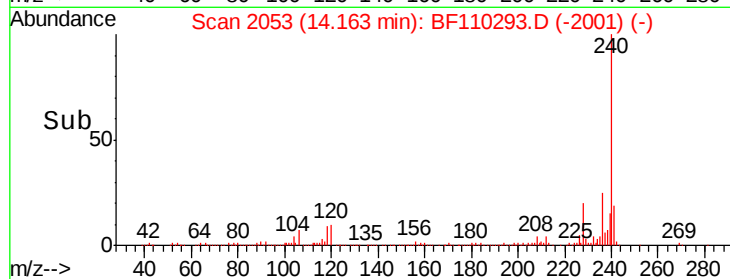
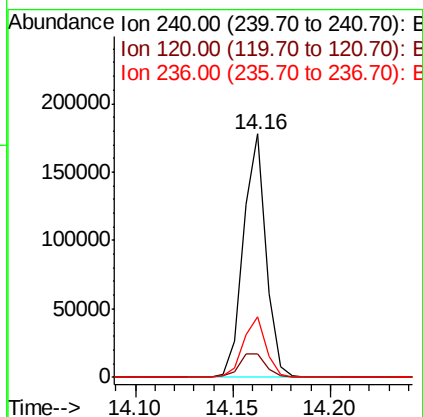
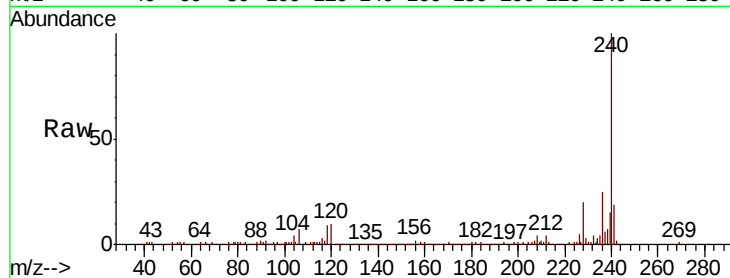




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

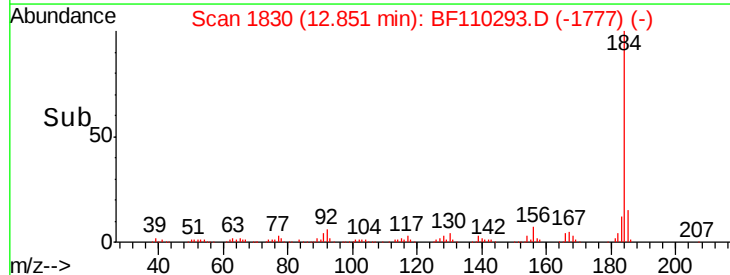
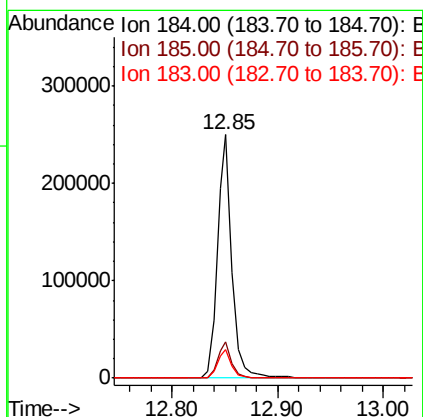
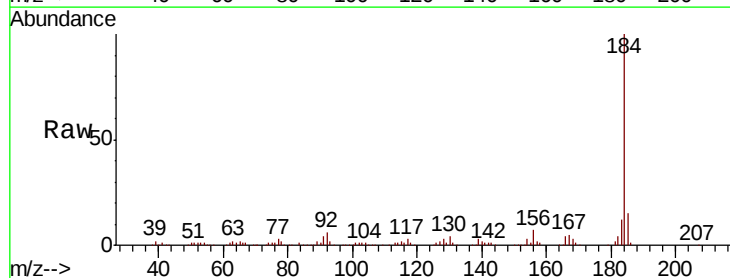
Instrument :
 BNA_F
 ClientSampleId :

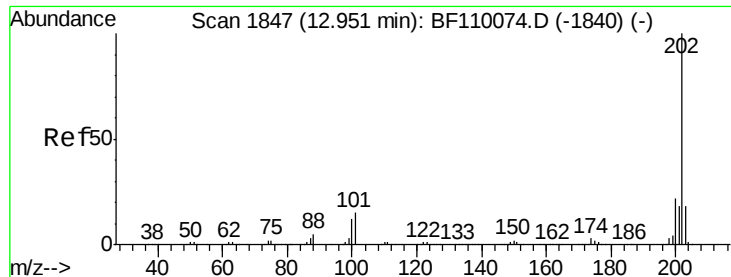
Tot Ion:240 Resp: 142983
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.3 12.5
 236 24.7 21.2 31.8



#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

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

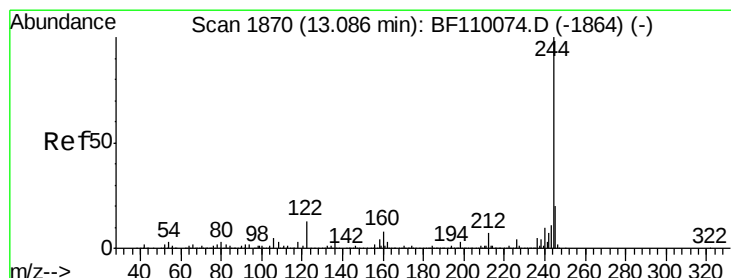
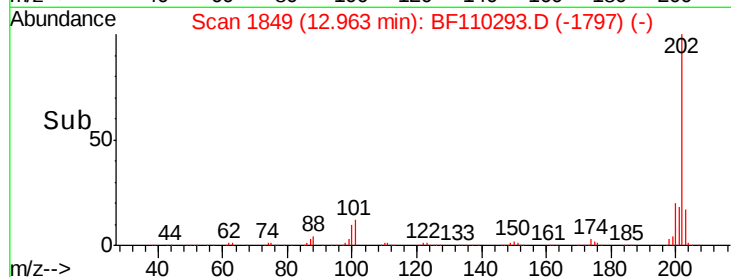
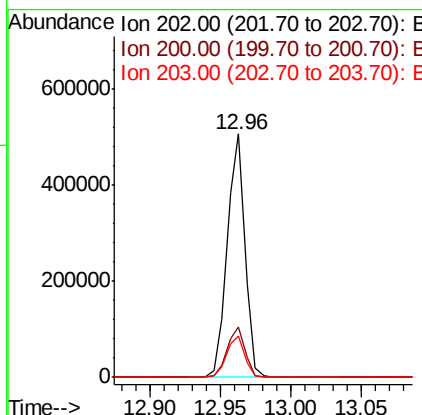
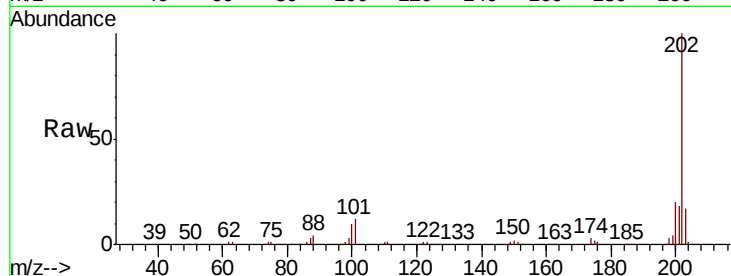




#78
Pvrene
Concen: 42.998 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

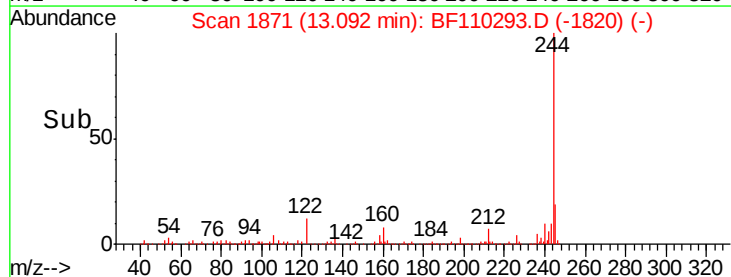
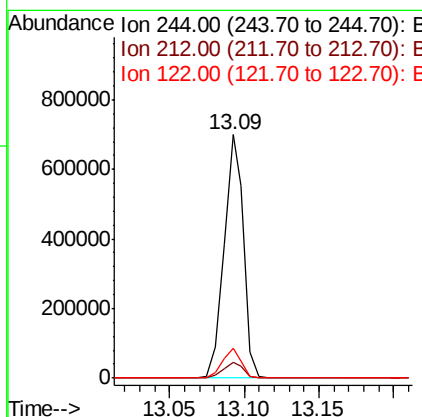
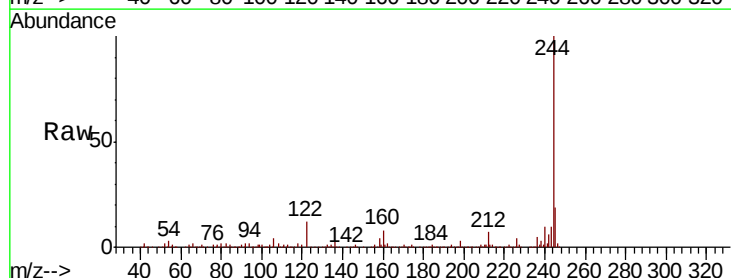
Instrument :
BNA_F
ClientSampleId :

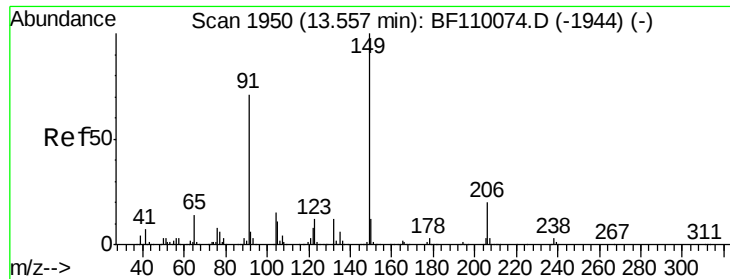
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	17.0	14.2	21.4



#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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.3	8.7	13.1

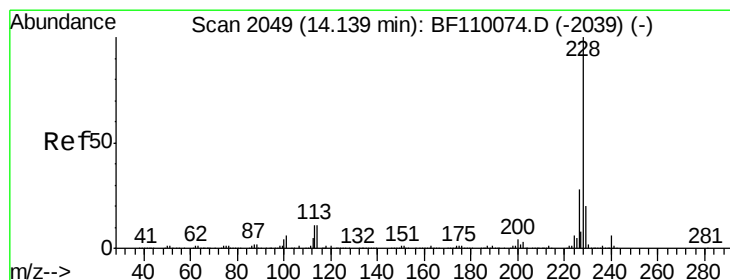
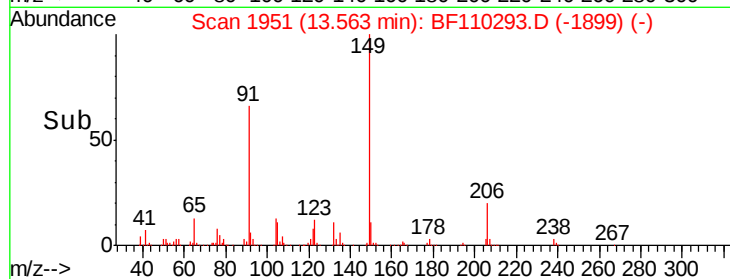
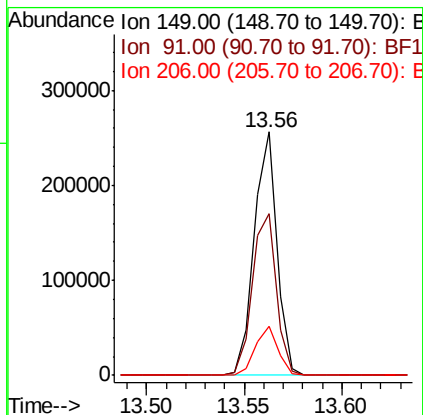
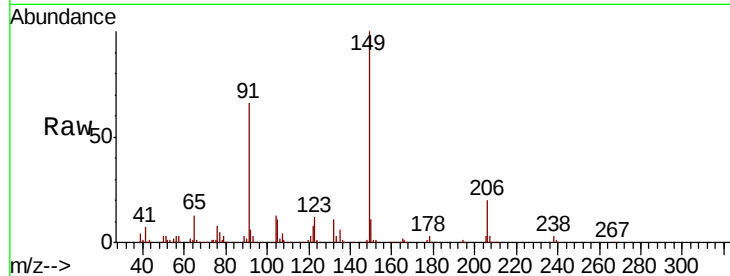




#80
Butylbenzylphthalate
Concen: 46.846 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

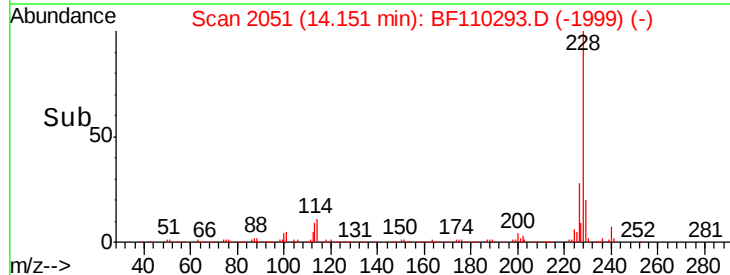
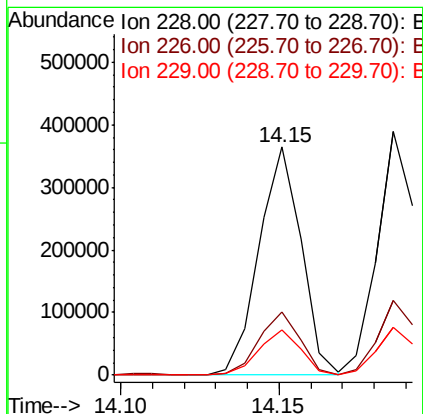
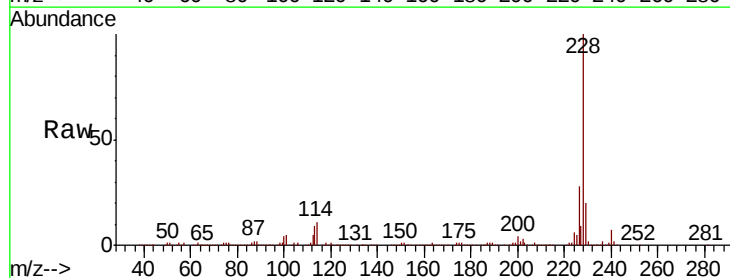
Instrument :
BNA_F
ClientSampleId :

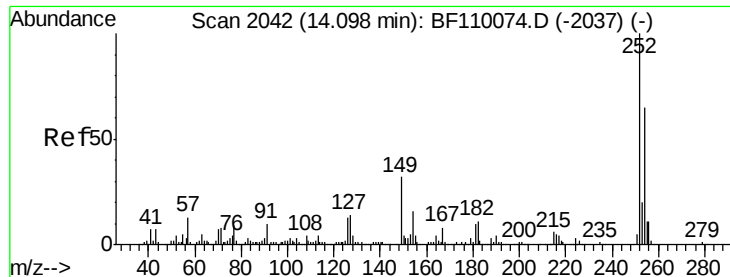
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	57.2	85.8
206	20.4	15.7	23.5



#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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	19.9	15.6	23.4

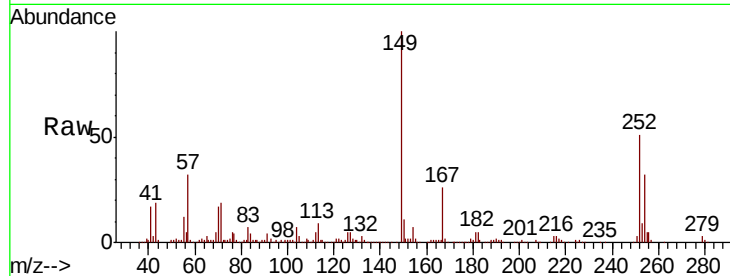




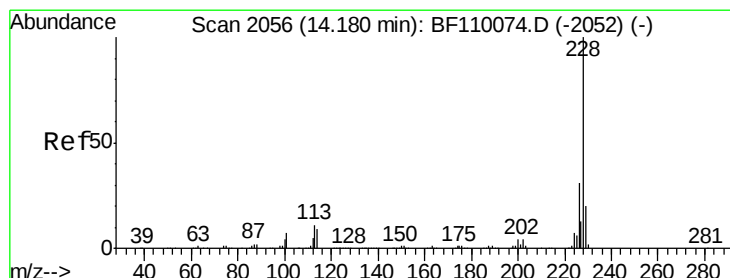
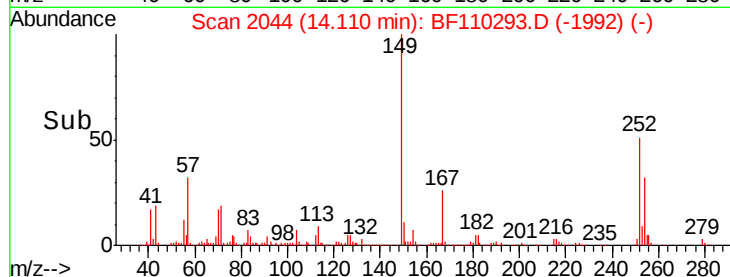
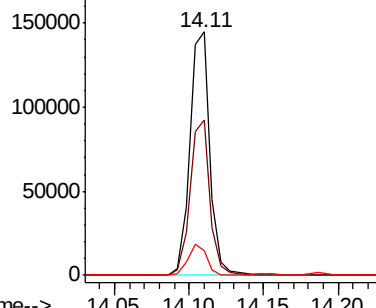
#82
 3,3'-Dichlorobenzidine
 Concen: 46.258 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 136582
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.3 76.9
 126 10.3 9.4 14.2

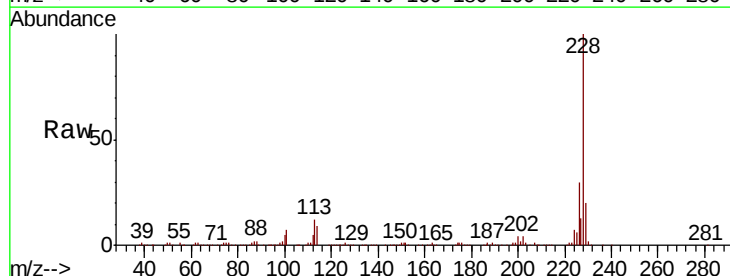


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

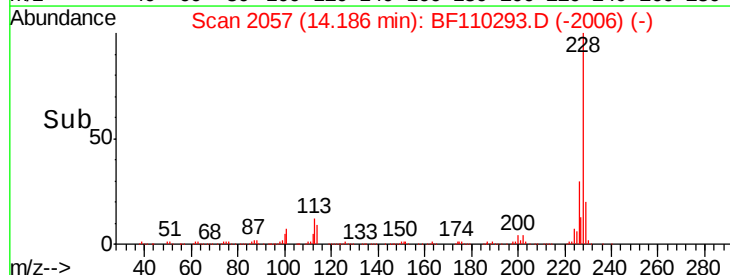
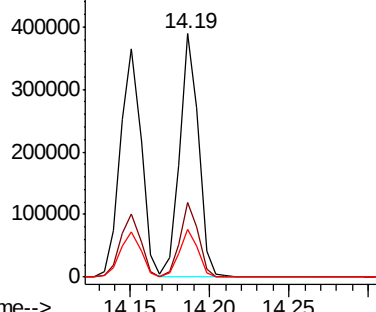


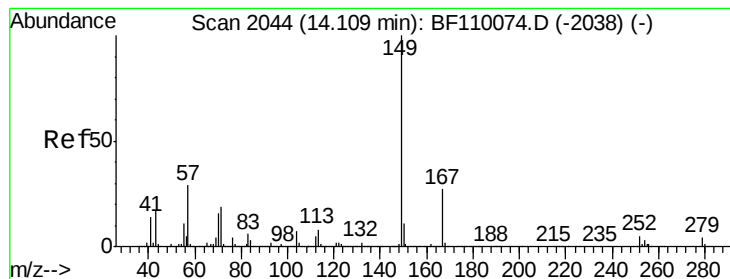
#83
 Chrysene
 Concen: 40.411 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Tgt 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

Instrument :

BNA_F

ClientSampleId :

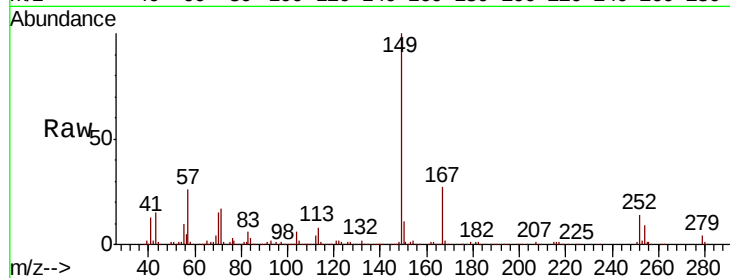
Tot Ion:149 Resp: 286692

Ion Ratio Lower Upper

149 100

167 26.8 19.8 29.8

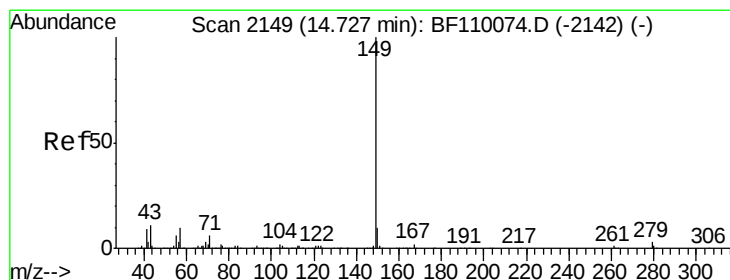
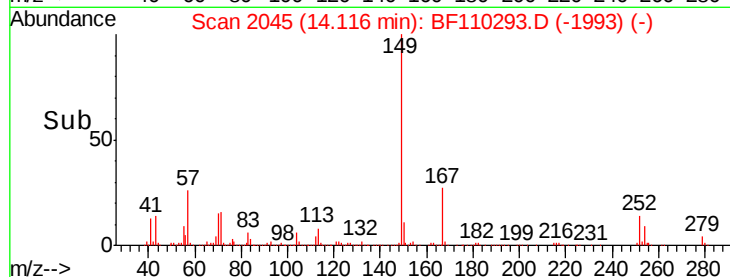
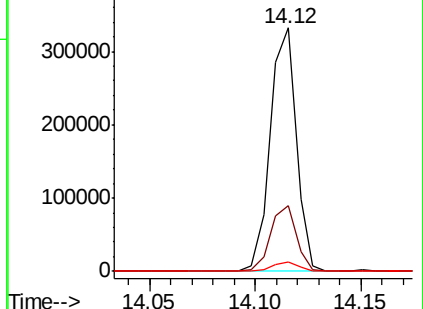
279 3.9 2.7 4.1



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

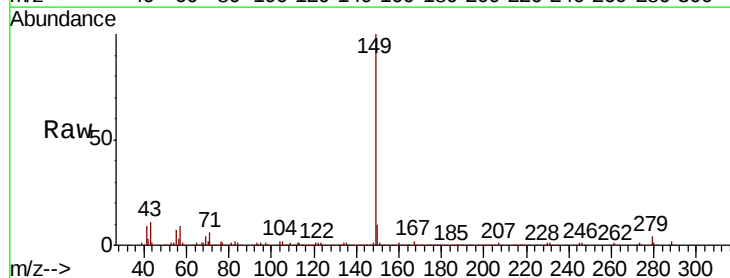
Tgt Ion:149 Resp: 451885

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

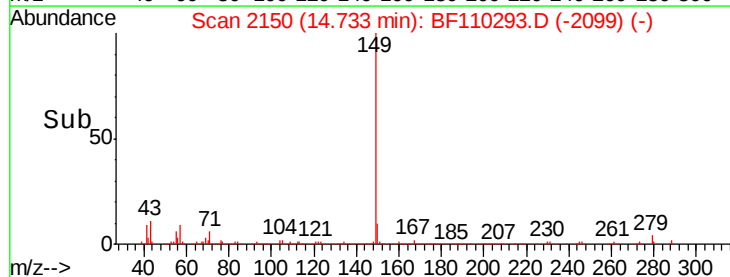
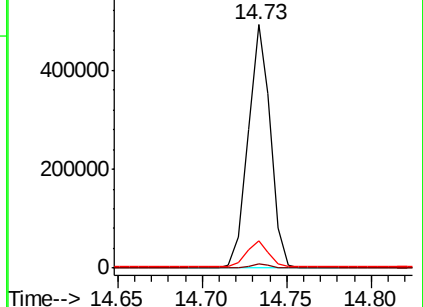
43 11.1 7.8 11.8

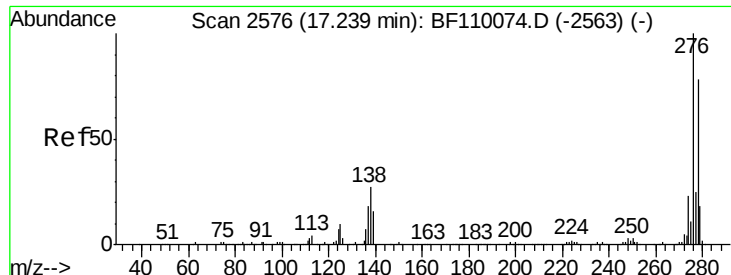


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

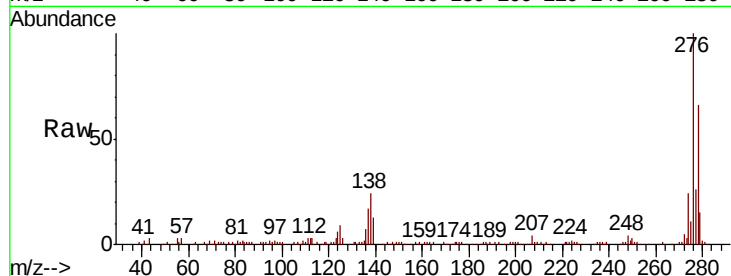




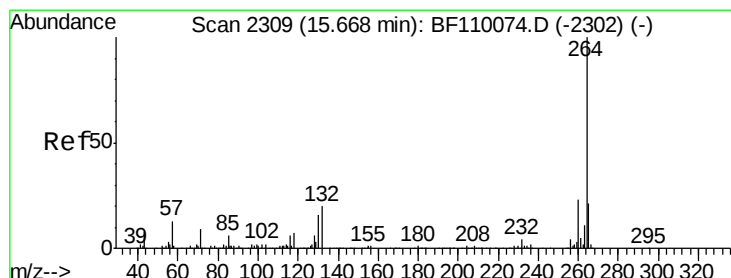
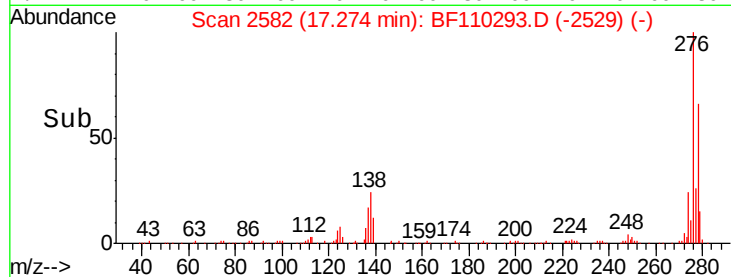
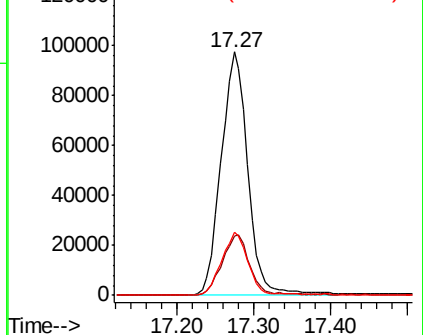
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 35.322 ng
 RT: 17.27 min Scan# 2582
 Delta R.T. 0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.5	27.7
277	25.6	20.0	30.0

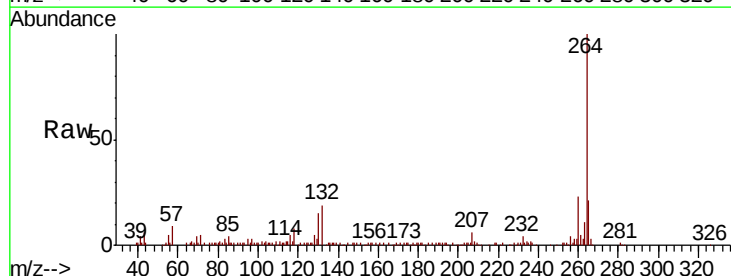


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

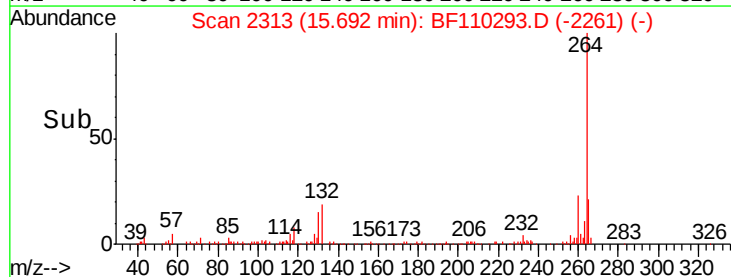
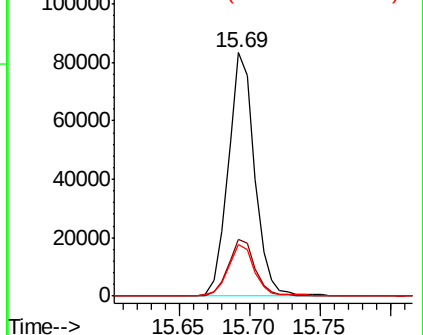


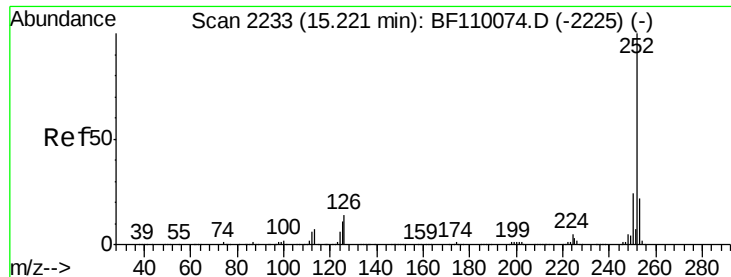
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF110293.D
 Acq: 30 Oct 2018 7:15

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



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

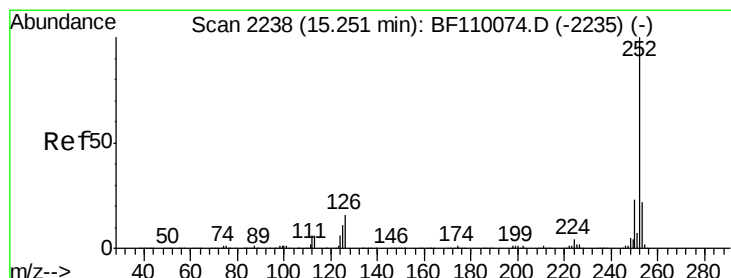
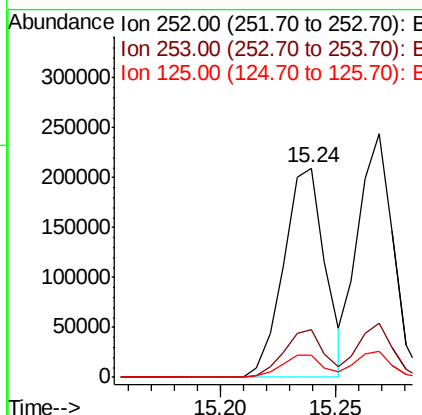
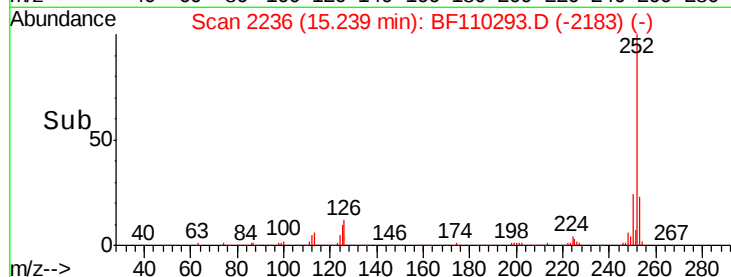
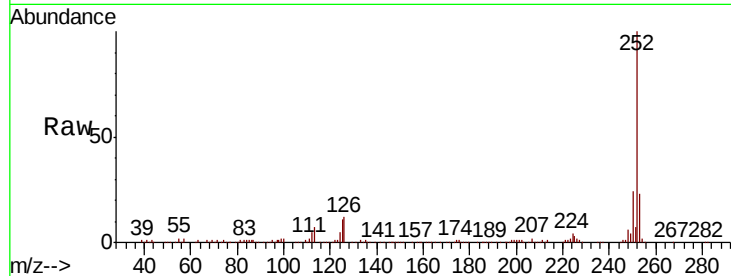




#88
Benzo(b)fluoranthene
Concen: 41.832 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF110293.D
Acq: 30 Oct 2018 7:15

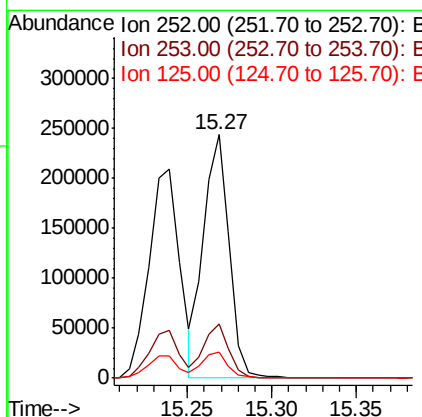
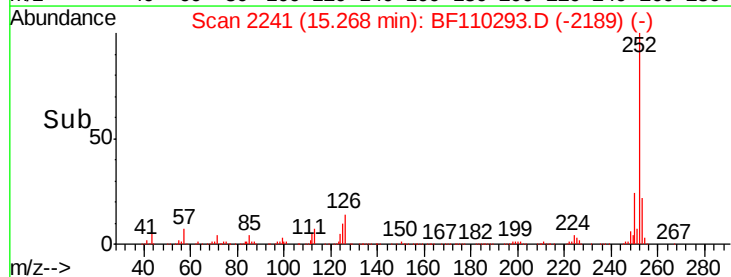
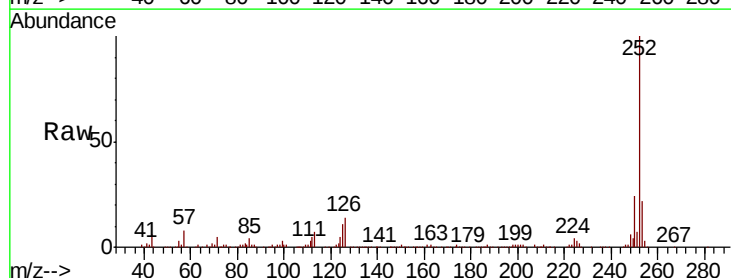
Instrument :
BNA_F
ClientSampleId :

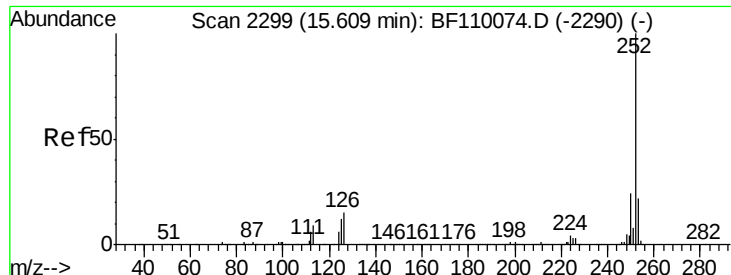
Tot Ion:252 Resp: 260977
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 10.7 8.2 12.4



#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

Tgt Ion:252 Resp: 257347
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

Instrument :

BNA_F

ClientSampleId :

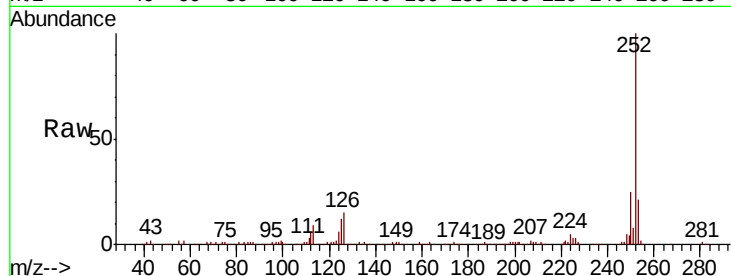
Tot Ion:252 Resp: 235694

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.4

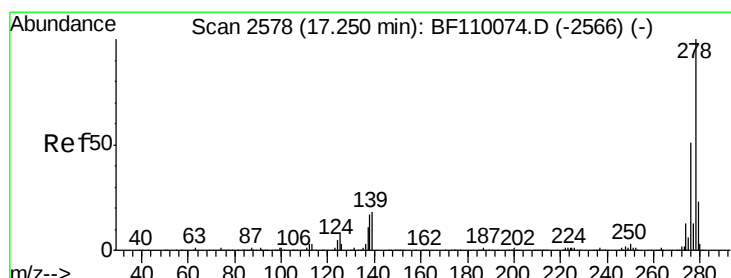
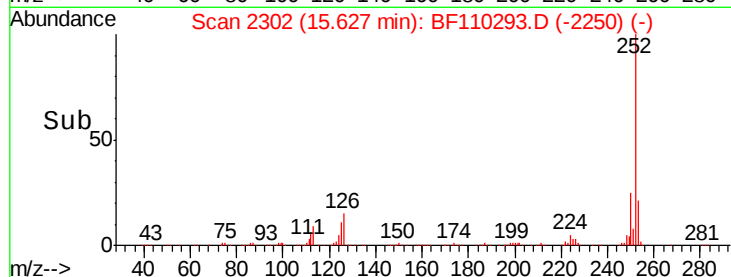
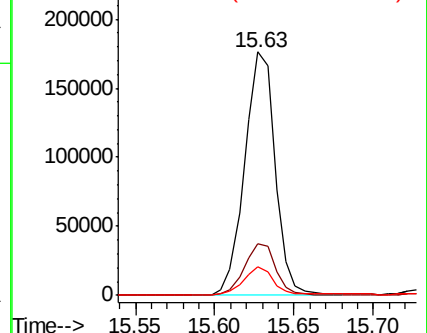
125 11.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#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

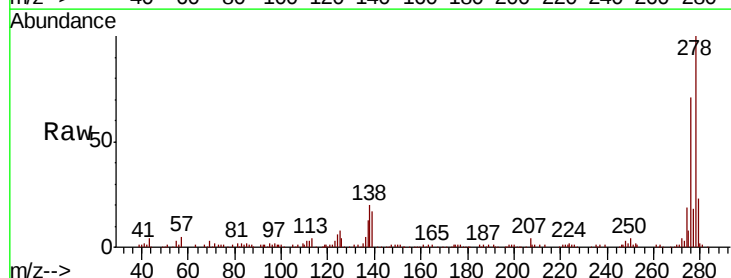
Tgt Ion:278 Resp: 200915

Ion Ratio Lower Upper

278 100

139 17.0 12.7 19.1

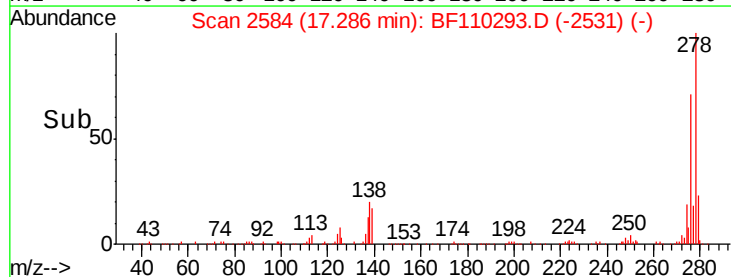
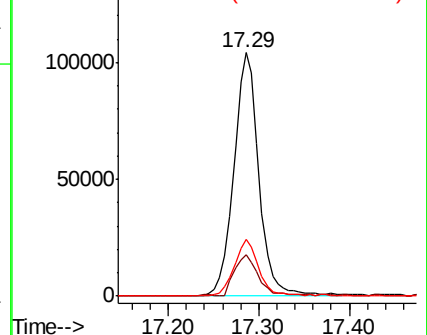
279 23.2 19.0 28.4

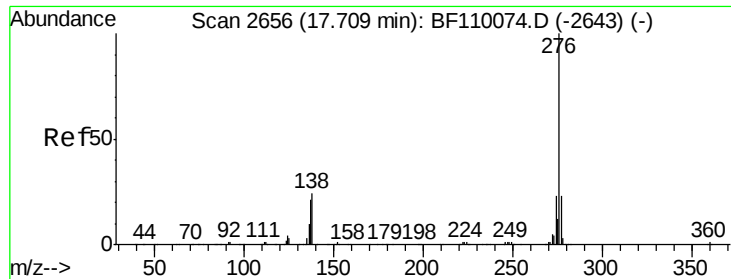


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,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

Instrument :
 BNA_F
 ClientSampleId :

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

