

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
 Data File : BF110481.D
 Acq On : 5 Nov 2018 23:27
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 03:48:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	89817	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	358924	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	150171	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	228410	20.00	ng	0.00
76) Chrysene-d12	14.14	240	163936	20.00	ng	0.00
87) Perylene-d12	15.66	264	127993	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	449635	81.52	ng	0.00
7) Phenol-d6	6.59	99	556124	78.83	ng	0.00
23) Nitrobenzene-d5	7.52	82	509096	84.13	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	103885	69.84	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	891382	93.21	ng	0.00
79) Terphenyl-d14	13.07	244	650709	82.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	111179	38.474	ng	92
3) Pyridine	3.57	79	245628	38.163	ng	# 84
4) n-Nitrosodimethylamine	3.54	42	104643	38.806	ng	91
6) Aniline	6.62	93	352673	38.376	ng	# 55
8) 2-Chlorophenol	6.75	128	256694	40.368	ng	97
9) Benzaldehyde	6.51	77	158382	38.148	ng	97
10) Phenol	6.60	94	323483	42.897	ng	# 64
11) bis(2-Chloroethyl)ether	6.69	93	241831	38.979	ng	96
12) 1,3-Dichlorobenzene	6.90	146	282229	40.331	ng	98
13) 1,4-Dichlorobenzene	6.97	146	283009	39.988	ng	97
14) 1,2-Dichlorobenzene	7.13	146	266957	40.632	ng	100
15) Benzyl Alcohol	7.10	79	215538	39.724	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.23	45	382686	38.579	ng	69
17) 2-Methylphenol	7.20	107	198621	39.193	ng	# 82
18) Hexachloroethane	7.46	117	97208	37.515	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	173472	38.329	ng	94
20) 3+4-Methylphenols	7.36	107	249920	38.152	ng	96
22) Acetophenone	7.37	105	344541	41.660	ng	98
24) Nitrobenzene	7.55	77	263514	42.179	ng	93
25) Isophorone	7.77	82	398442	38.627	ng	96
26) 2-Nitrophenol	7.86	139	124504	41.878	ng	94
27) 2,4-Dimethylphenol	7.89	122	194182	39.395	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	281136	40.120	ng	99
29) 2,4-Dichlorophenol	8.10	162	200856	40.334	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	226055	40.527	ng	95
31) Naphthalene	8.26	128	665164	40.210	ng	100
32) Benzoic acid	8.00	122	68868	18.077	ng	94
33) 4-Chloroaniline	8.31	127	285043	38.286	ng	99
34) Hexachlorobutadiene	8.37	225	132905	42.913	ng	98
35) Caprolactam	8.69	113	62616	36.076	ng	88
36) 4-Chloro-3-methylphenol	8.79	107	207544	38.541	ng	98
37) 2-Methylnaphthalene	8.95	142	430112	39.298	ng	98
38) 1-Methylnaphthalene	9.05	142	402237	38.030	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	206969	44.234	ng	98

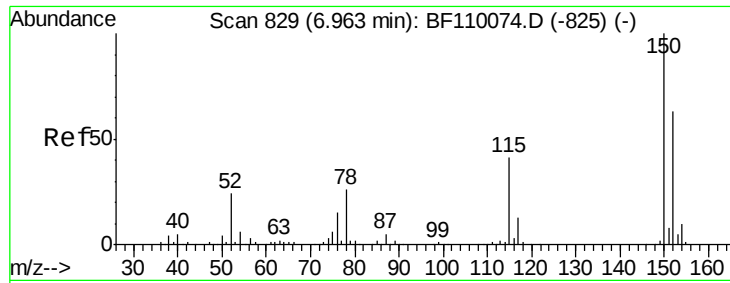
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
 Data File : BF110481.D
 Acq On : 5 Nov 2018 23:27
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	35000	14.629	ng	98
43) 2,4,6-Trichlorophenol	9.23	196	125473	41.576	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	128527	40.290	ng	96
46) 1,1'-Biphenyl	9.42	154	588882	43.364	ng	98
47) 2-Chloronaphthalene	9.45	162	426646	42.830	ng	99
48) 2-Nitroaniline	9.55	65	128928	42.712	ng	91
49) Acenaphthylene	9.86	152	585132	40.669	ng	99
50) Dimethylphthalate	9.71	163	477214	43.049	ng	99
51) 2,6-Dinitrotoluene	9.78	165	100275	41.995	ng	98
52) Acenaphthene	10.03	154	360166	37.840	ng	98
53) 3-Nitroaniline	9.96	138	113400	39.936	ng	91
54) 2,4-Dinitrophenol	10.07	184	6413	11.504	ng	87
55) Dibenzofuran	10.20	168	522409	39.202	ng	98
56) 4-Nitrophenol	10.12	139	64145	30.522	ng	93
57) 2,4-Dinitrotoluene	10.19	165	121745	40.141	ng	# 84
58) Fluorene	10.55	166	382088	38.525	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	89775	34.527	ng	94
60) Diethylphthalate	10.40	149	447456	41.351	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	208910	39.929	ng	98
62) 4-Nitroaniline	10.57	138	104198	36.894	ng	92
63) Azobenzene	10.70	77	407647	37.952	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	14297	13.700	ng	94
66) n-Nitrosodiphenylamine	10.65	169	358333	47.830	ng	96
67) 4-Bromophenyl-phenylether	11.03	248	112859	45.552	ng	97
68) Hexachlorobenzene	11.10	284	109753	41.750	ng	# 93
69) Atrazine	11.17	200	99502	42.027	ng	99
70) Pentachlorophenol	11.29	266	51780	33.780	ng	96
71) Phenanthrene	11.52	178	482811	40.398	ng	100
72) Anthracene	11.57	178	497313	41.514	ng	98
73) Carbazole	11.72	167	463567	39.633	ng	99
74) Di-n-butylphthalate	12.03	149	596899	45.185	ng	99
75) Fluoranthene	12.70	202	443069	36.529	ng	100
77) Benzidine	12.83	184	204238	44.045	ng	97
78) Pyrene	12.94	202	454724	38.691	ng	98
80) Butylbenzylphthalate	13.53	149	210761	41.316	ng	99
81) Benzo(a)anthracene	14.13	228	392079	40.330	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	140515	41.508	ng	99
83) Chrysene	14.16	228	380460	41.203	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	285595	41.416	ng	96
85) Di-n-octyl phthalate	14.70	149	484587	45.194	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	265122	34.610	ng	97
88) Benzo(b)fluoranthene	15.20	252	311755	42.180	ng	99
89) Benzo(k)fluoranthene	15.24	252	308355	42.437	ng	100
90) Benzo(a)pyrene	15.60	252	276720	40.688	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	224586	38.271	ng	98
92) Benzo(g,h,i)perylene	17.70	276	212166	36.690	ng	98

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

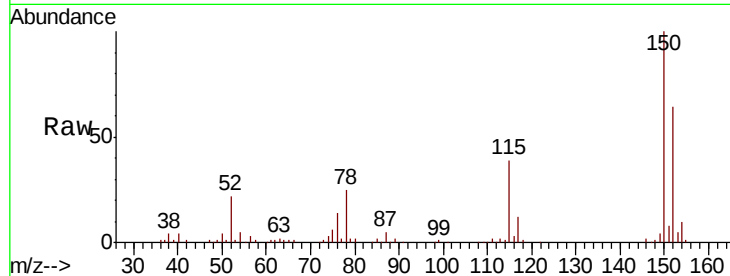


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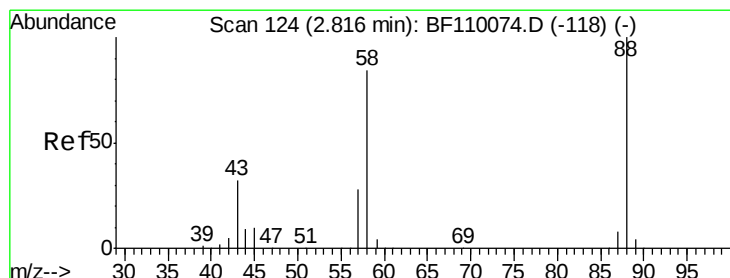
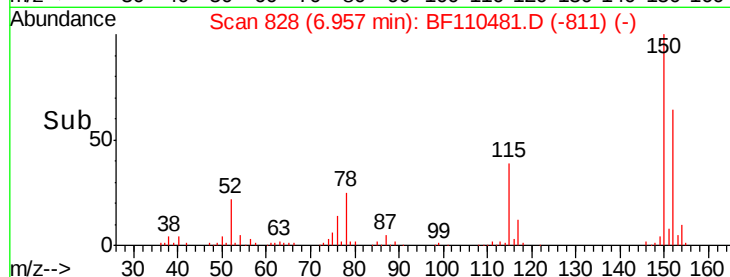
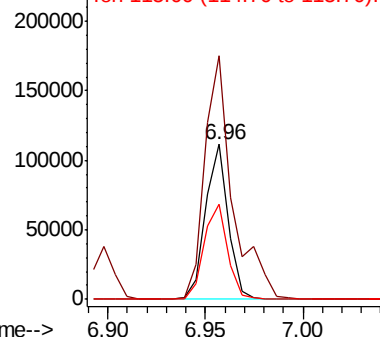
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 89817
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 61.4 49.1 73.7



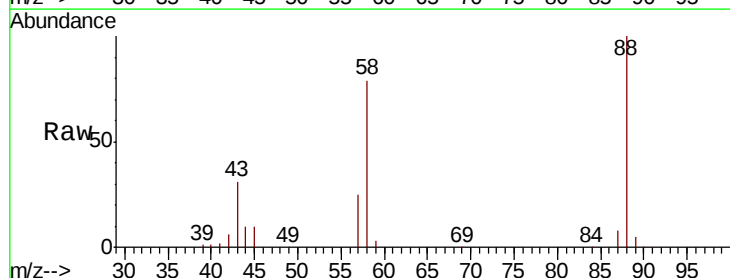
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



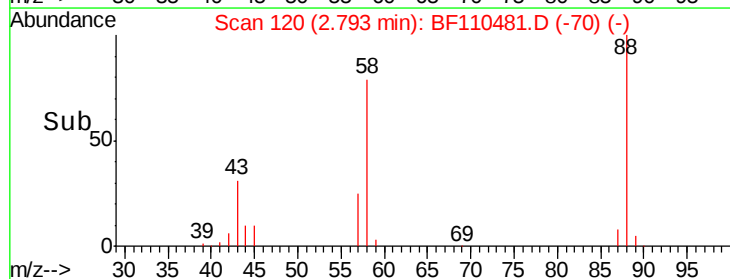
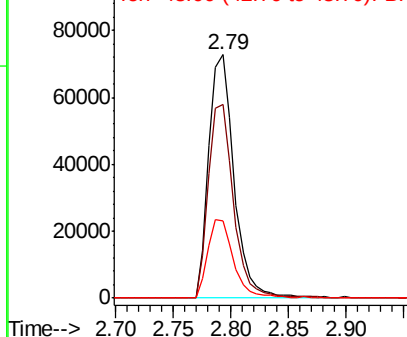
#2

1,4-Dioxane
Concen: 38.474 ng
RT: 2.79 min Scan# 120
Delta R.T. -0.01 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion: 88 Resp: 111179
Ion Ratio Lower Upper
88 100
58 79.6 57.1 85.7
43 32.5 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

Pyridine

Concen: 38.163 ng

RT: 3.57 min Scan# 253

Delta R.T. -0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

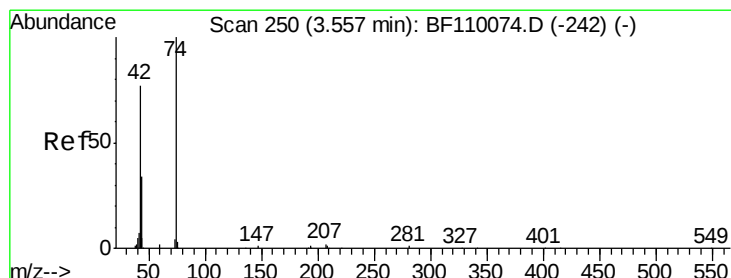
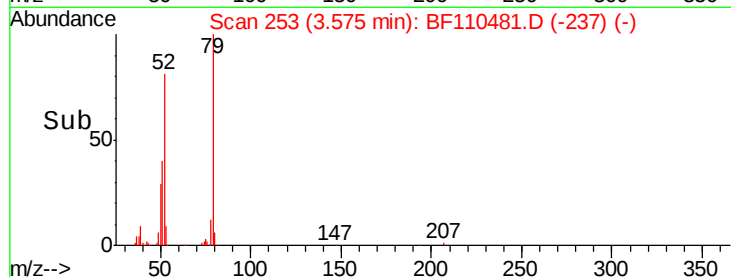
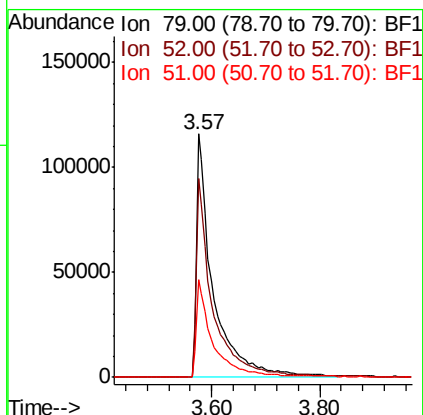
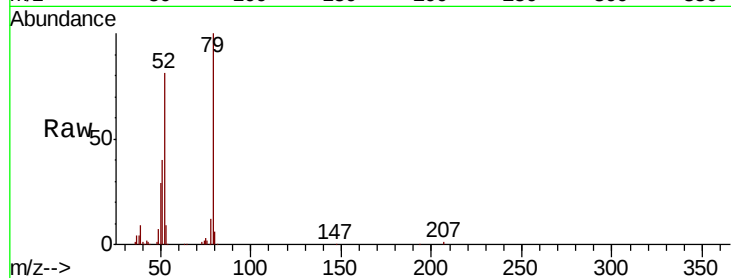
Tgt Ion: 79 Resp: 245628

Ion Ratio Lower Upper

79 100

52 81.4 53.1 79.7#

51 40.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 38.806 ng

RT: 3.54 min Scan# 247

Delta R.T. -0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

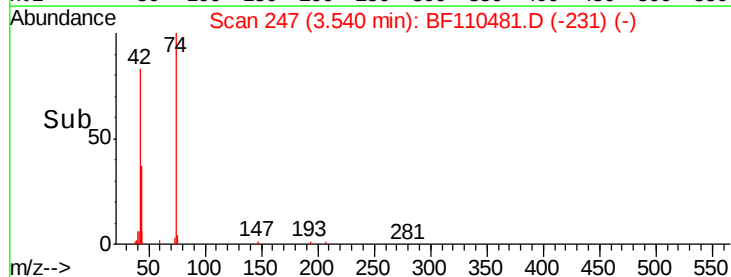
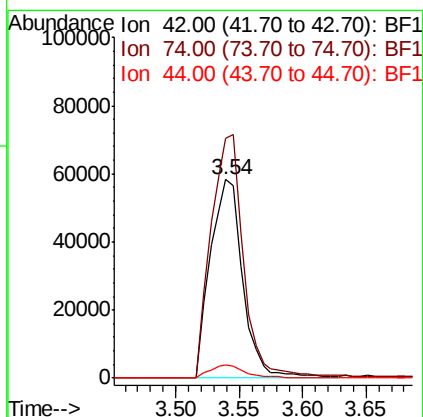
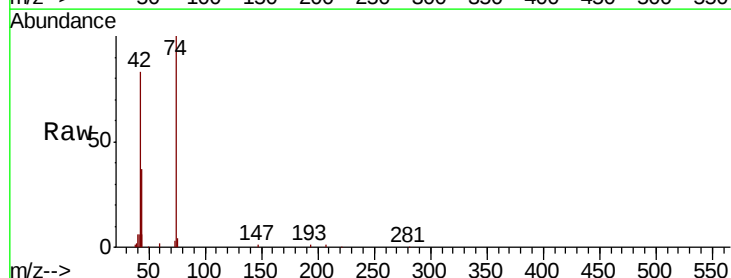
Tgt Ion: 42 Resp: 104643

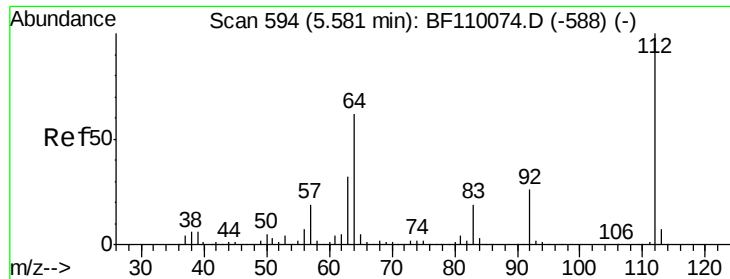
Ion Ratio Lower Upper

42 100

74 121.0 105.5 158.3

44 6.8 4.9 7.3





#5

2-Fluorophenol

Concen: 81.522 ng

RT: 5.57 min Scan# 593

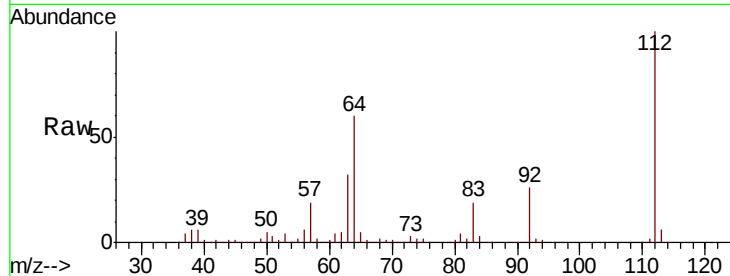
Delta R.T. 0.00 min

Lab File: BF110481.D

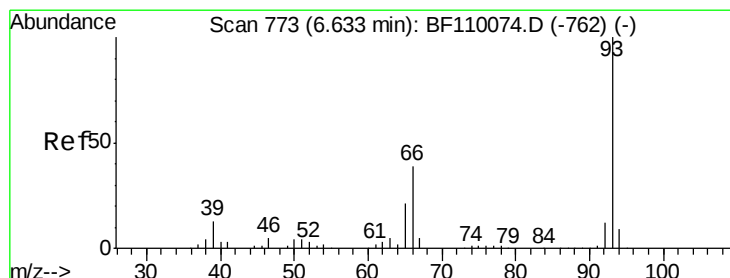
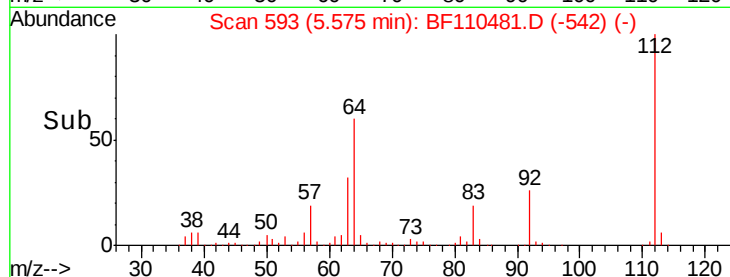
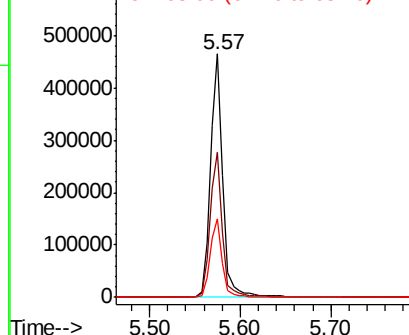
Acq: 5 Nov 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	112	Resp:	449635
Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.1	66.1
63	32.1	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: 38.376 ng

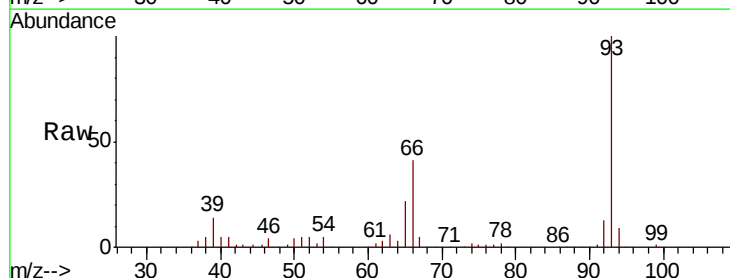
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

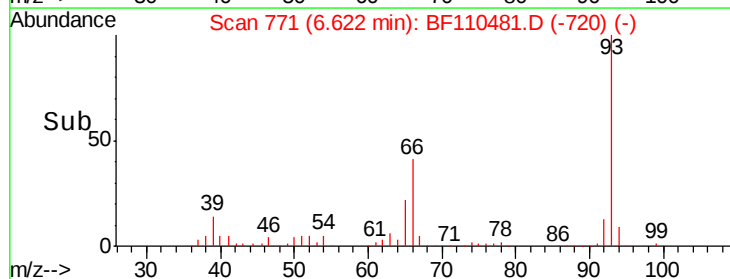
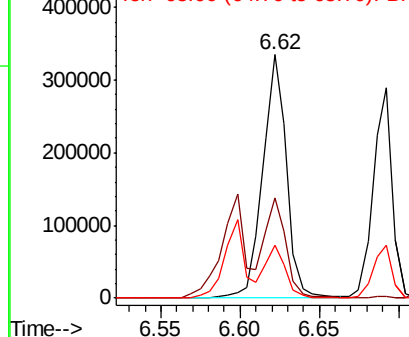
Lab File: BF110481.D

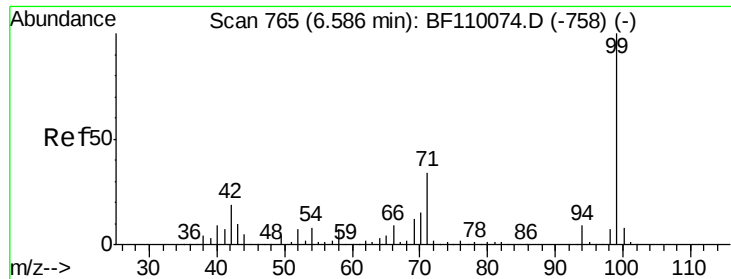
Acq: 5 Nov 2018 23:27

Tgt Ion:	93	Resp:	352673
Ion	Ratio	Lower	Upper
93	100		
66	41.4	67.4	101.0#
65	21.6	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: 78.830 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

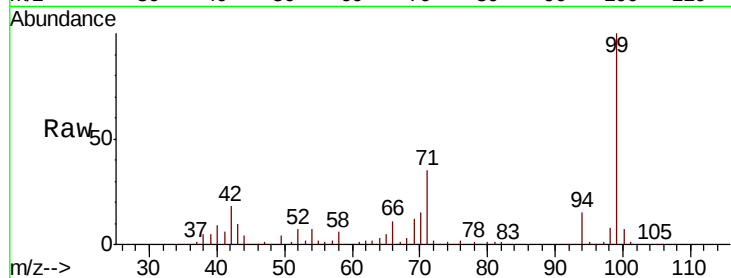
Tgt Ion: 99 Resp: 556124

Ion Ratio Lower Upper

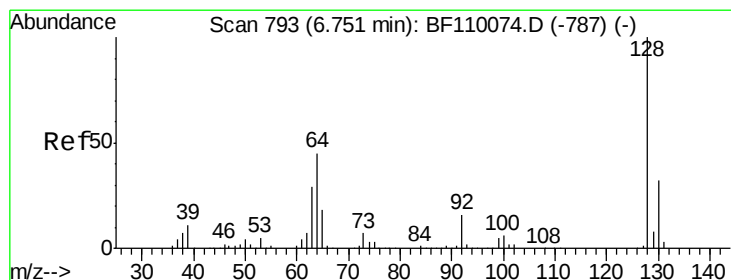
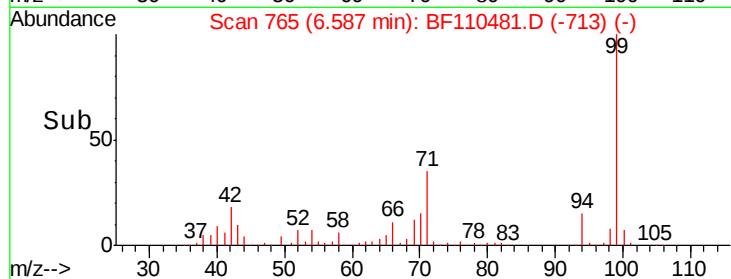
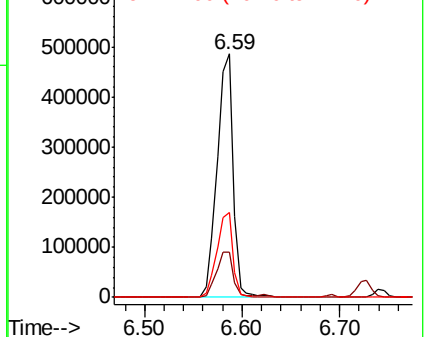
99 100

42 18.4 15.8 23.6

71 34.9 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: 40.368 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

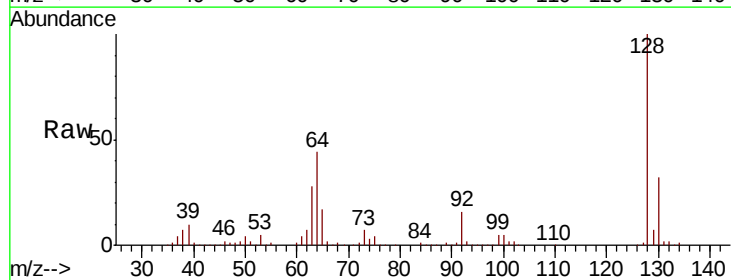
Tgt Ion: 128 Resp: 256694

Ion Ratio Lower Upper

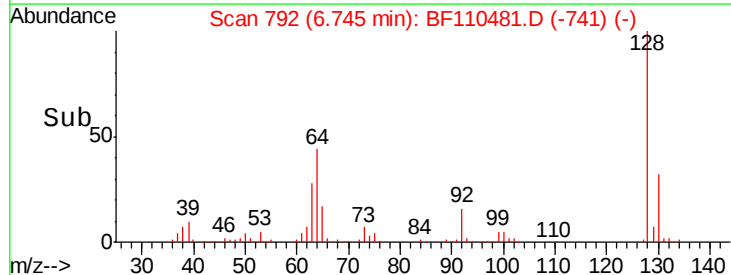
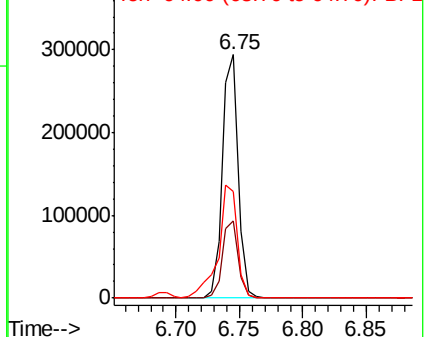
128 100

130 31.8 13.1 53.1

64 43.6 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: 38.148 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

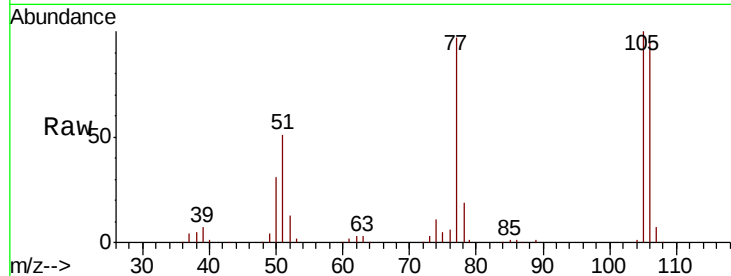
Tgt Ion: 77 Resp: 158382

Ion Ratio Lower Upper

77 100

105 102.6 78.6 118.6

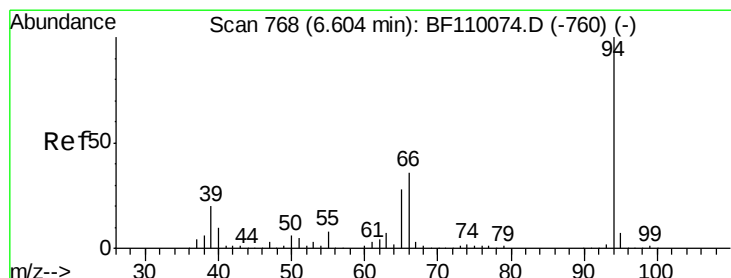
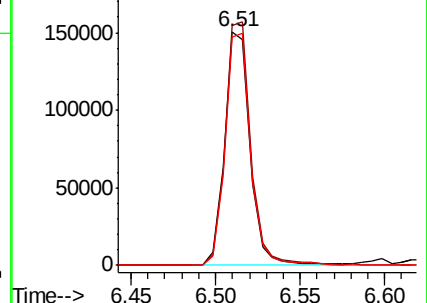
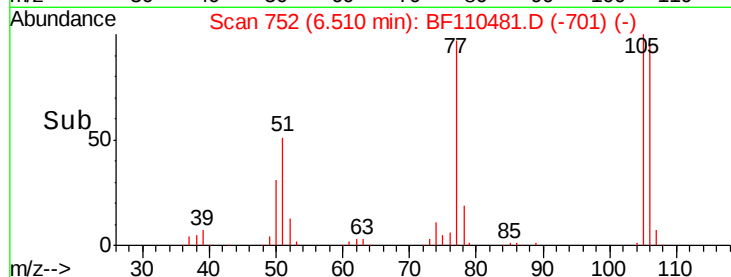
106 97.5 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.897 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

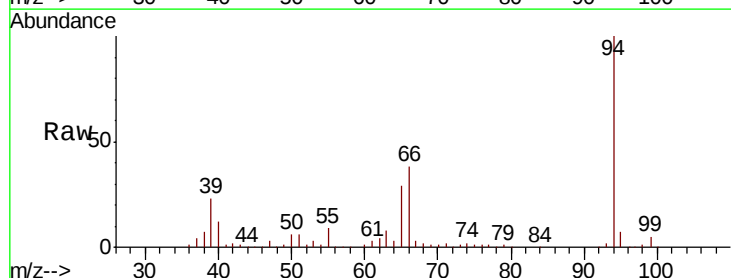
Tgt Ion: 94 Resp: 323483

Ion Ratio Lower Upper

94 100

65 28.9 25.3 65.3

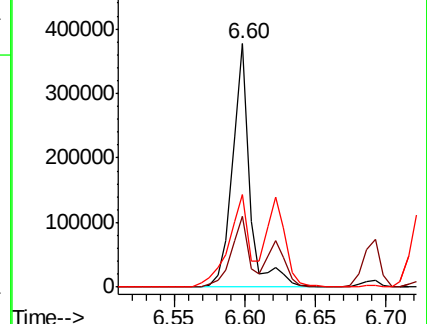
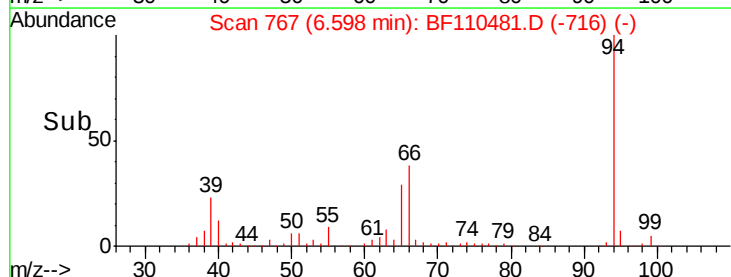
66 38.2 54.5 94.5#

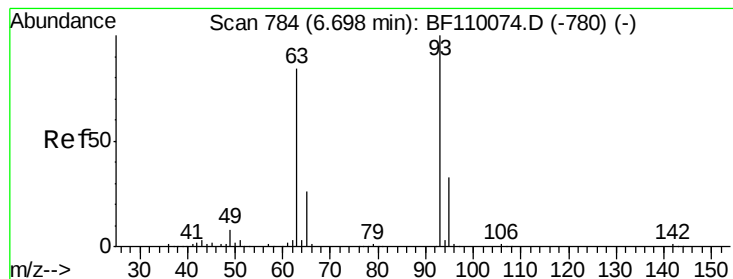


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.979 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

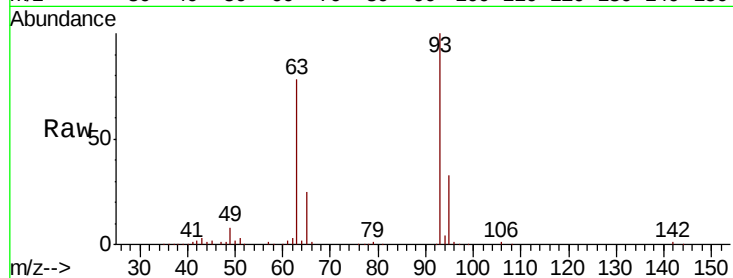
Tgt Ion: 93 Resp: 241831

Ion Ratio Lower Upper

93 100

63 77.7 53.4 93.4

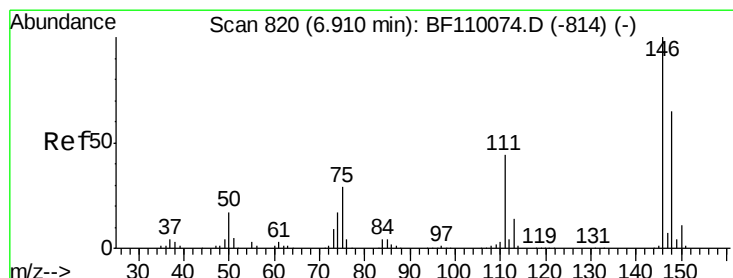
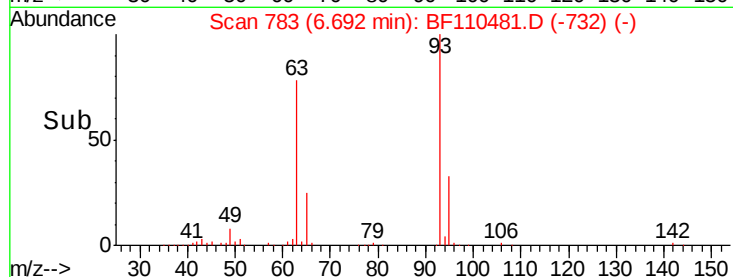
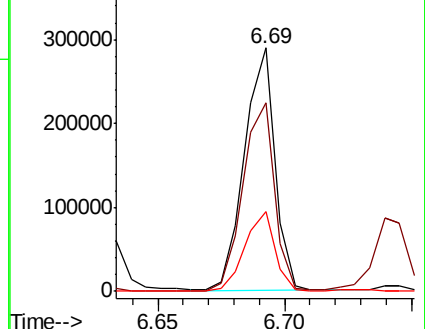
95 33.0 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.331 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

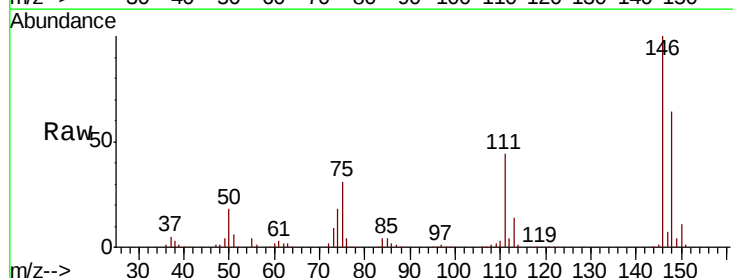
Tgt Ion: 146 Resp: 282229

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

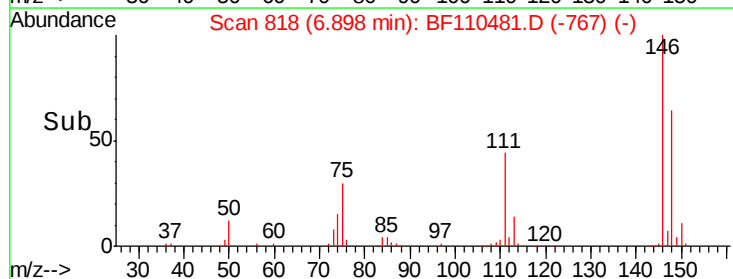
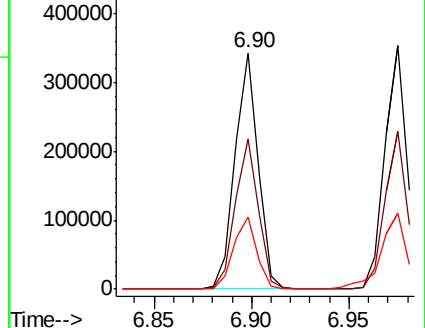
75 30.7 25.8 38.6

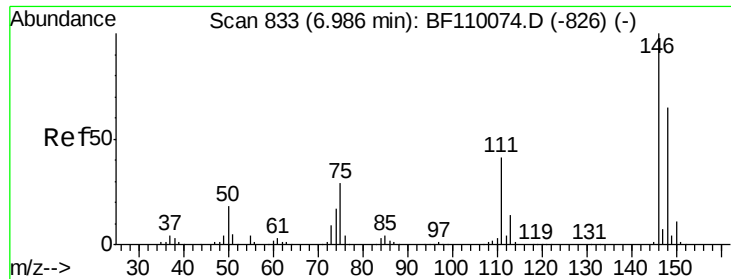


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

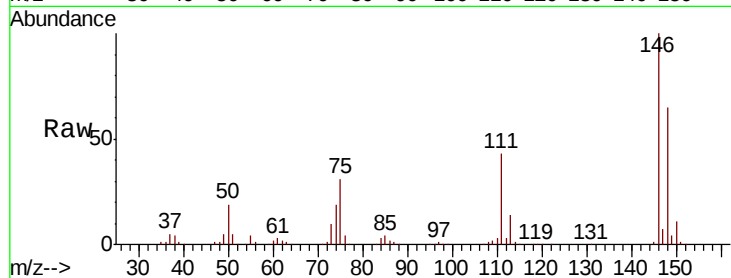




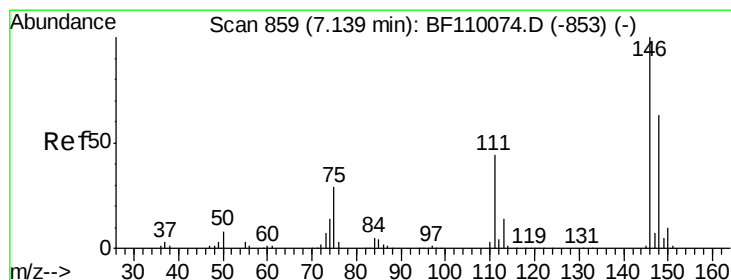
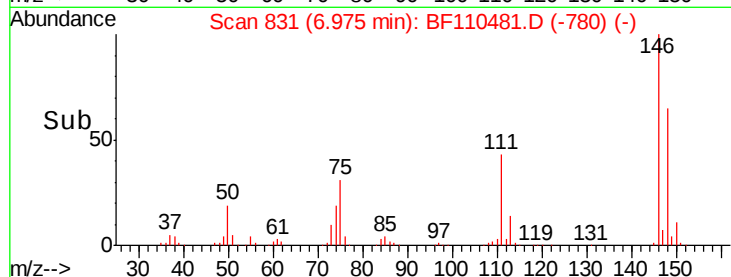
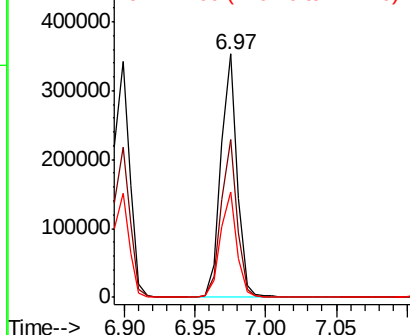
#13
 1,4-Dichlorobenzene
 Concen: 39.988 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:146 Resp: 283009
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.3 75.5
 111 43.2 32.7 49.1

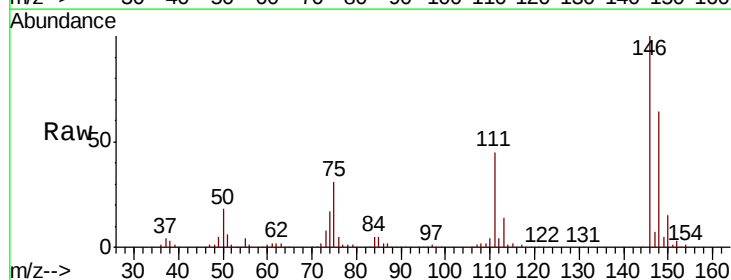


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

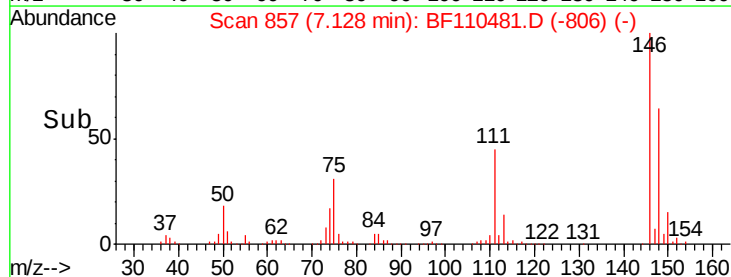
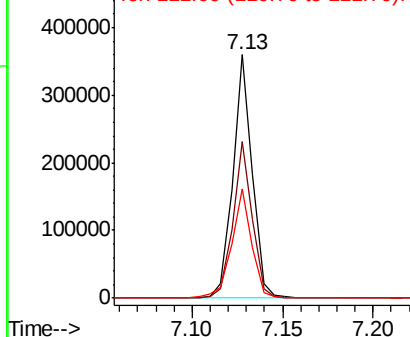


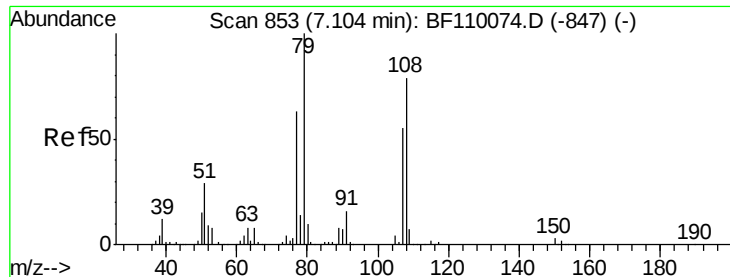
#14
 1,2-Dichlorobenzene
 Concen: 40.632 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Tgt Ion:146 Resp: 266957
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 44.6 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: 39.724 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

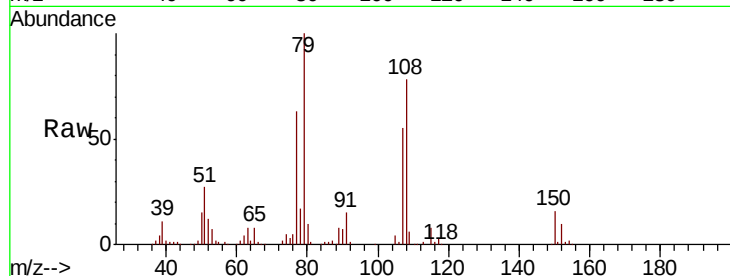
Tgt Ion: 79 Resp: 21538

Ion Ratio Lower Upper

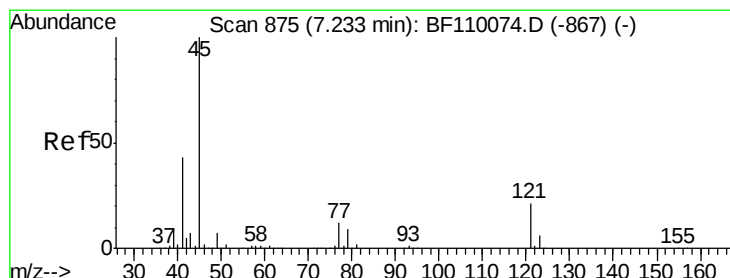
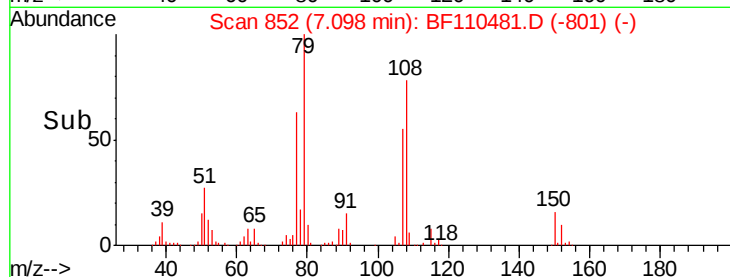
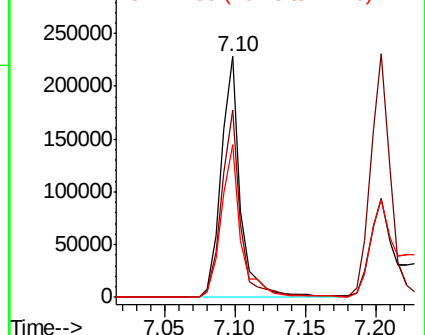
79 100

108 77.6 56.3 84.5

77 63.3 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.579 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

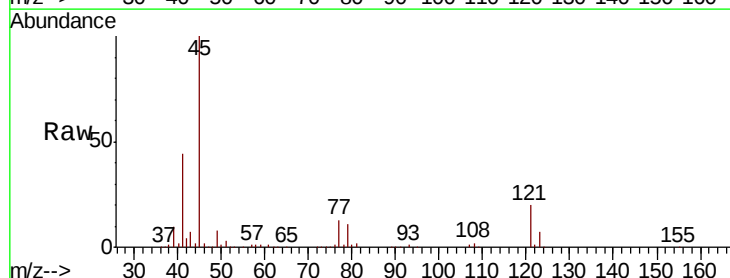
Tgt Ion: 45 Resp: 382686

Ion Ratio Lower Upper

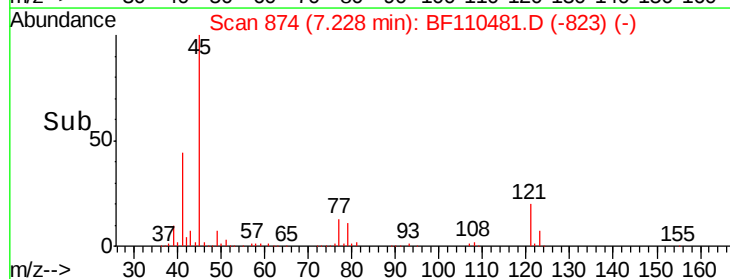
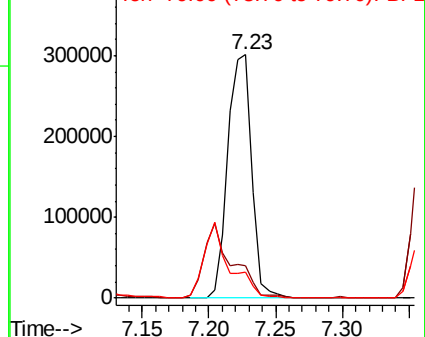
45 100

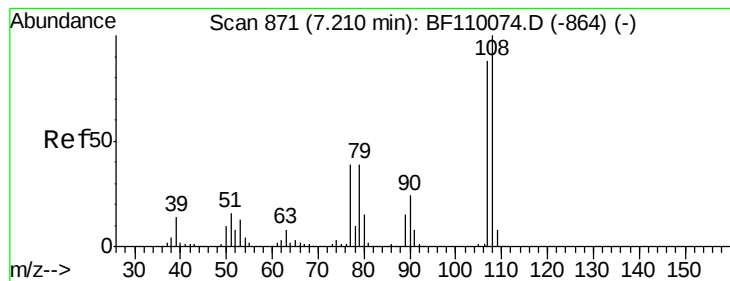
77 13.2 10.0 50.0

79 10.6 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.193 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF110481.D

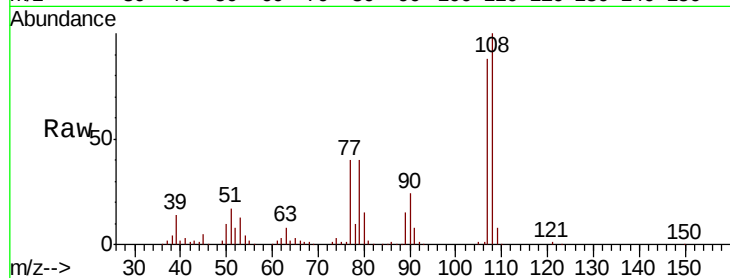
Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	107	Resp:	198621
Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.6	138.8
77	45.6	59.4	89.2#
79	45.7	54.0	81.0#



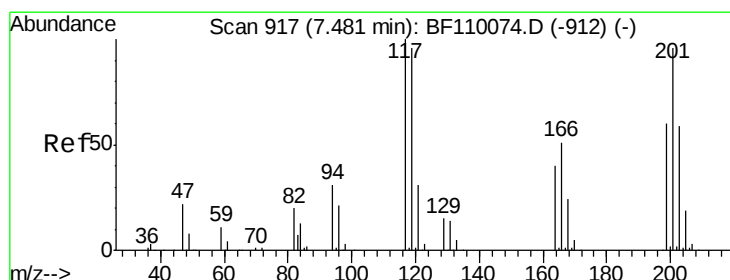
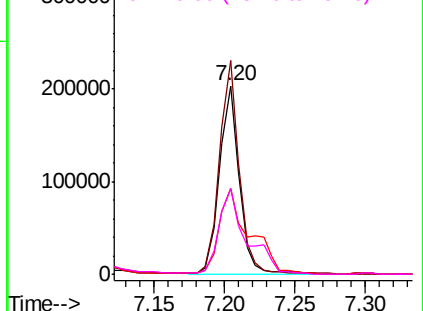
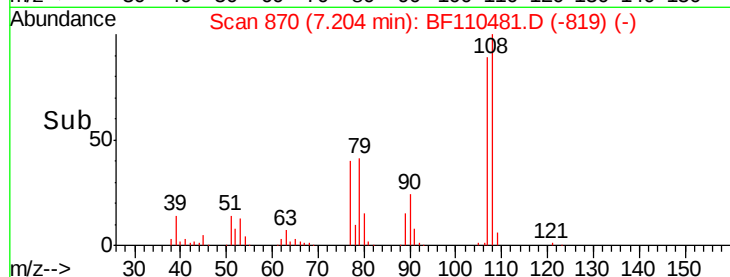
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.515 ng

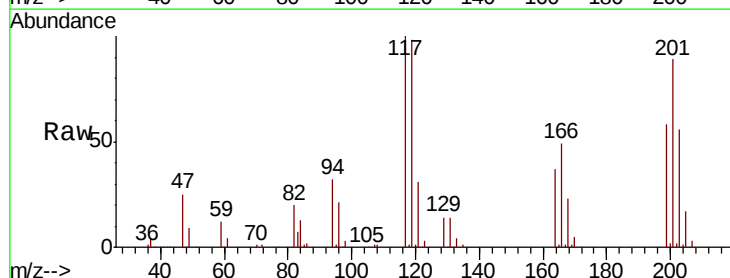
RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Tgt Ion:	117	Resp:	97208
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.0	112.6
201	89.0	79.2	118.8

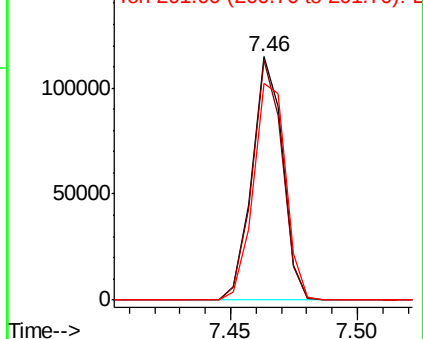
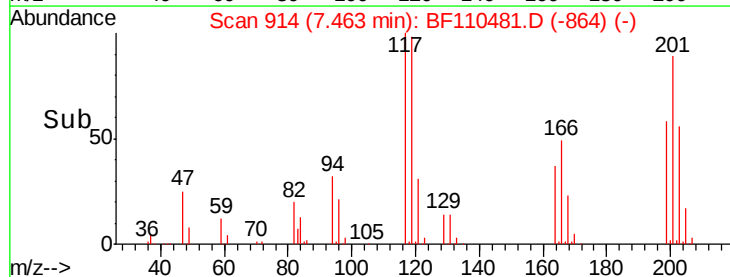


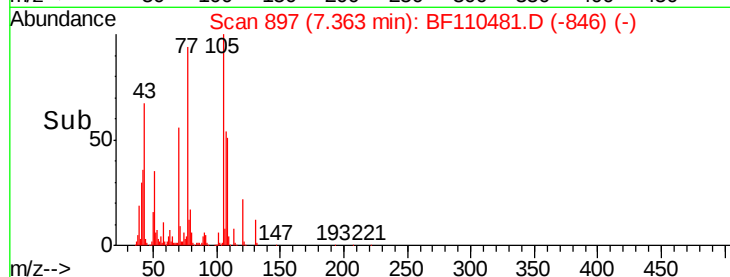
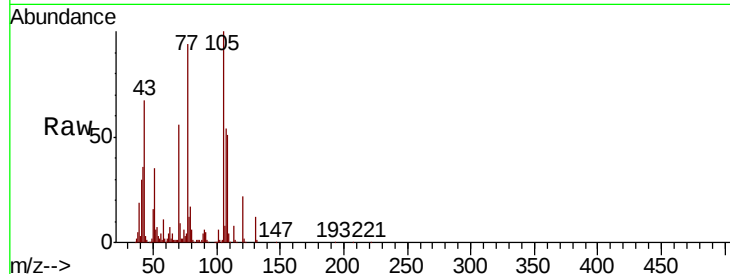
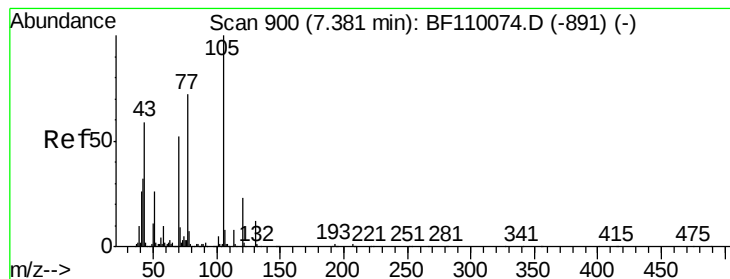
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.329 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampled :

Tgt Ion: 70 Resp: 173472

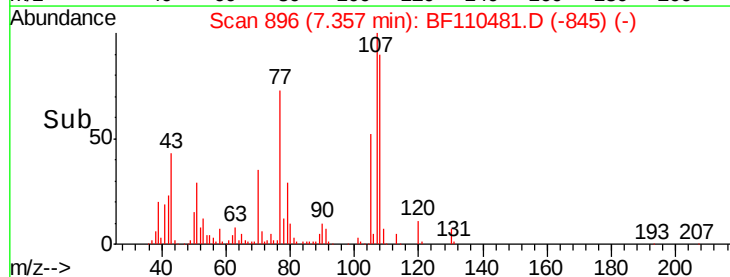
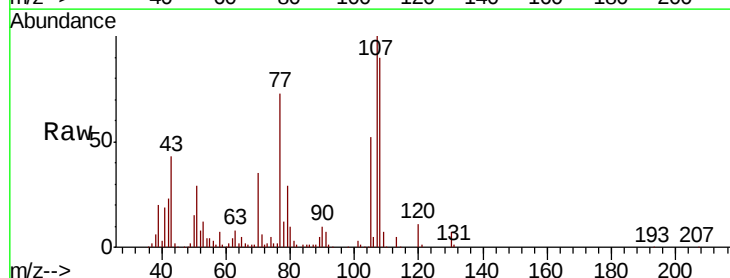
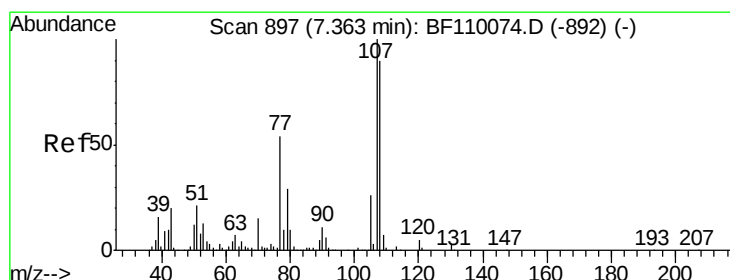
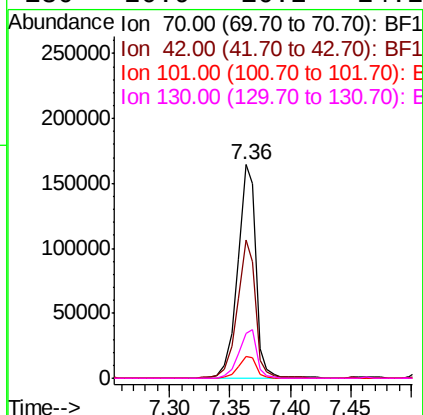
Ion Ratio Lower Upper

70 100

42 64.9 47.4 71.2

101 10.0 7.3 10.9

130 20.9 16.2 24.2



#20

3+4-Methylphenols

Concen: 38.152 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Tgt Ion: 107 Resp: 249920

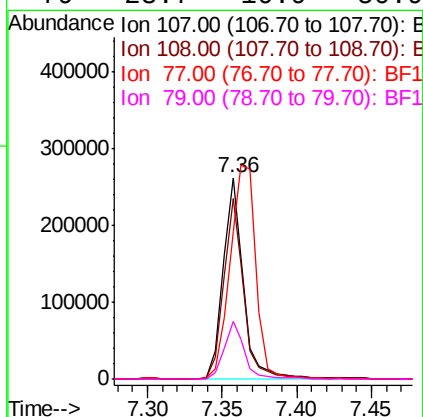
Ion Ratio Lower Upper

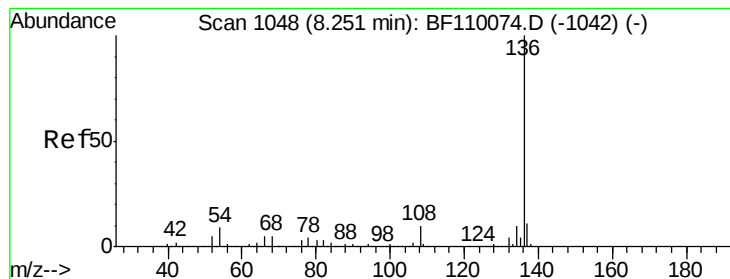
107 100

108 89.6 71.4 111.4

77 73.1 47.3 87.3

79 28.7 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 358924

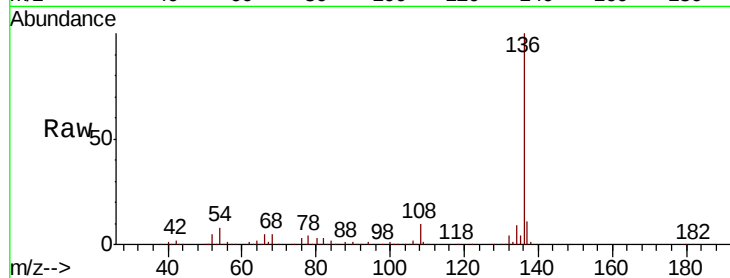
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.0 5.4 8.2

68 5.3 4.2 6.2

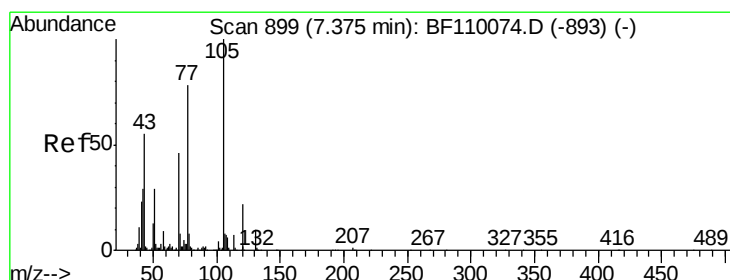
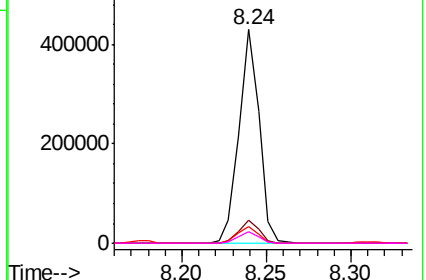
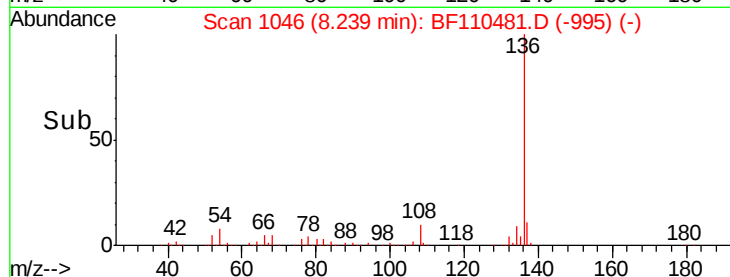


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.660 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Tgt Ion:105 Resp: 344541

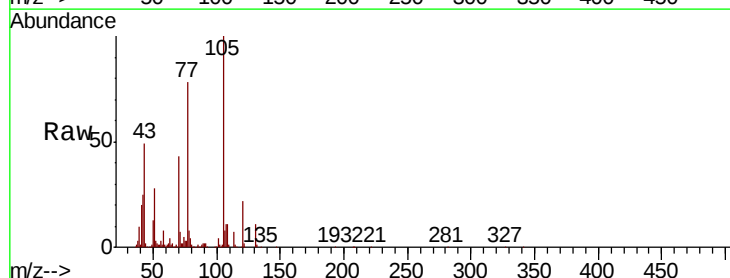
Ion Ratio Lower Upper

105 100

71 6.8 5.2 7.8

51 27.8 21.8 32.8

120 22.3 17.0 25.4

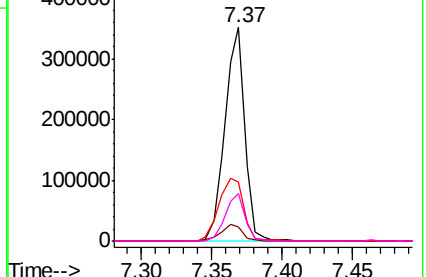
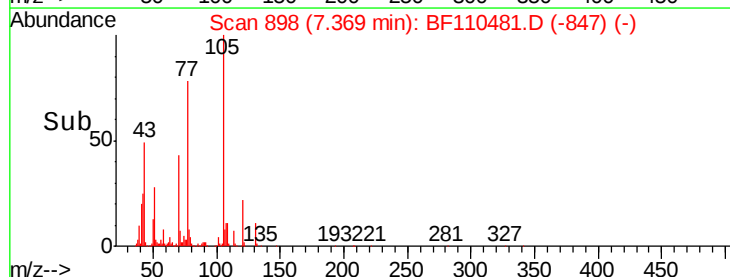


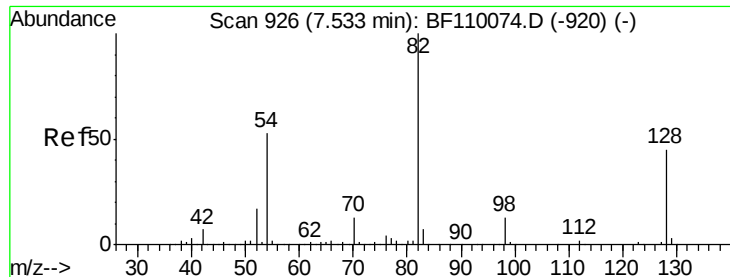
Abundance Ion 105.00 (104.70 to 105.70): E

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

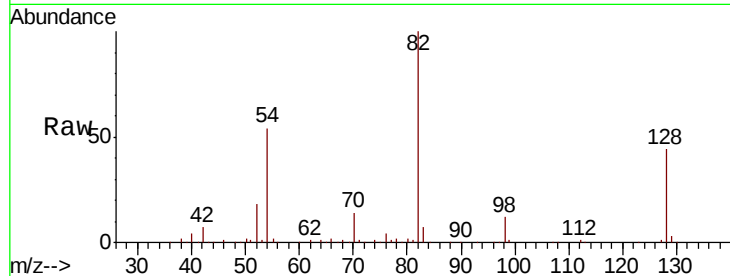




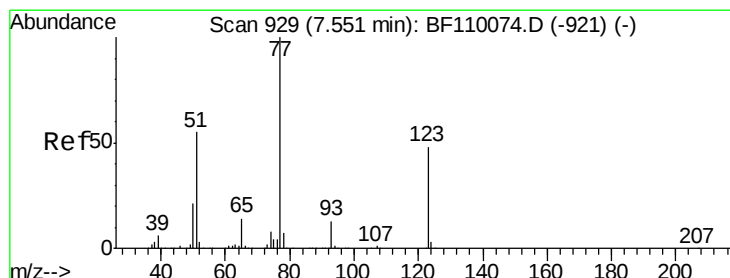
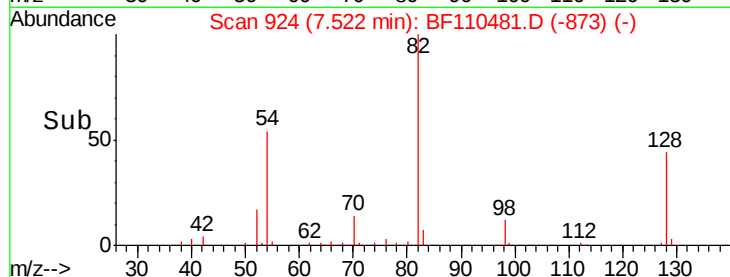
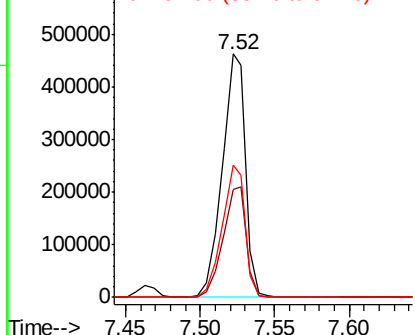
#23
 Nitrobenzene-d5
 Concen: 84.130 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 509096
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.2 51.2
 54 54.4 38.6 58.0

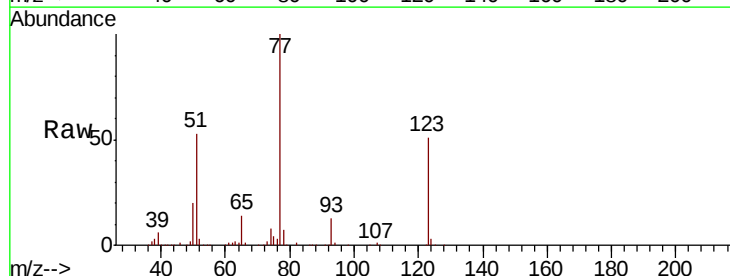


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

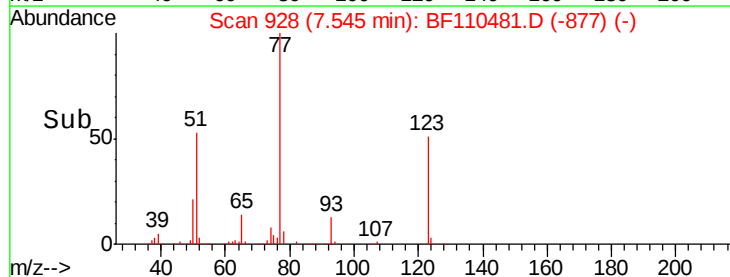
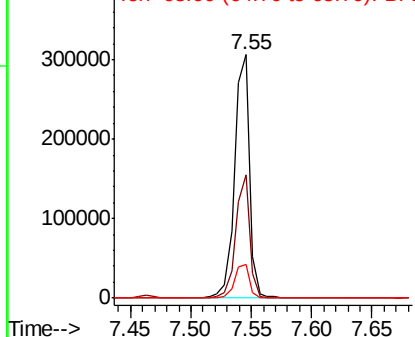


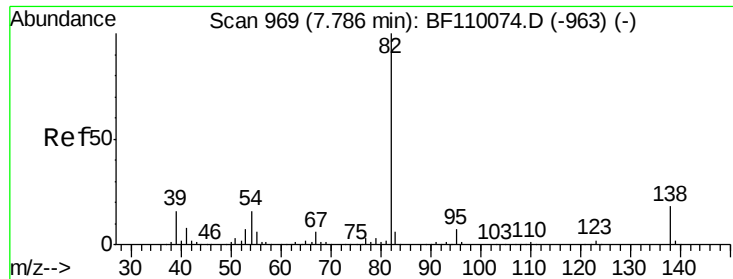
#24
 Nitrobenzene
 Concen: 42.179 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Tgt Ion: 77 Resp: 263514
 Ion Ratio Lower Upper
 77 100
 123 50.7 35.7 53.5
 65 13.9 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

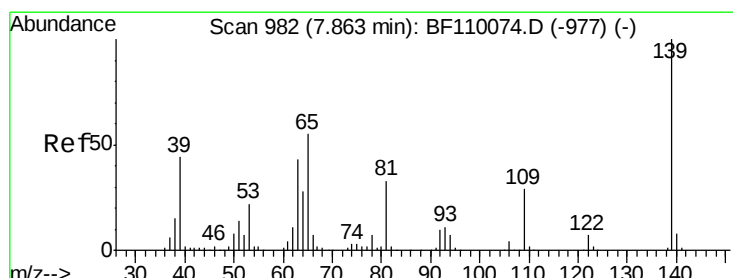
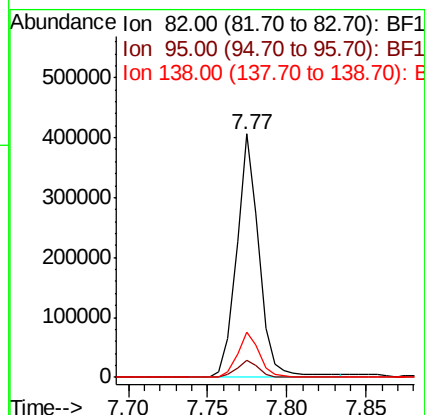
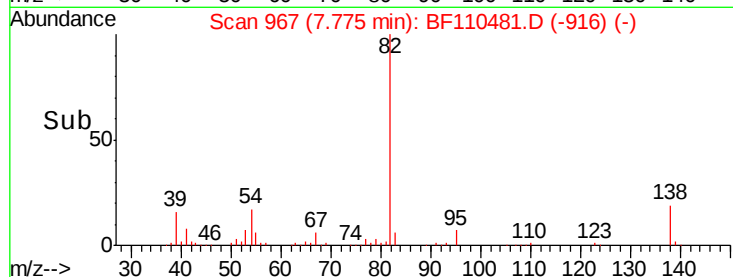
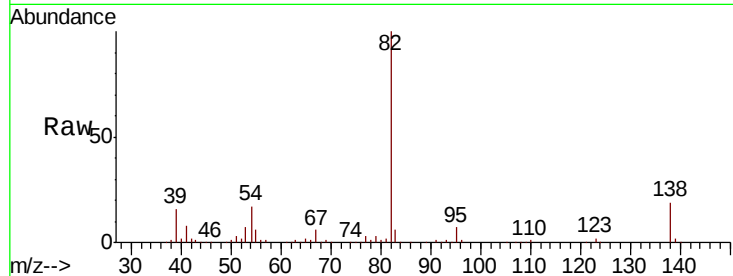




#25
Isophorone
Concen: 38.627 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

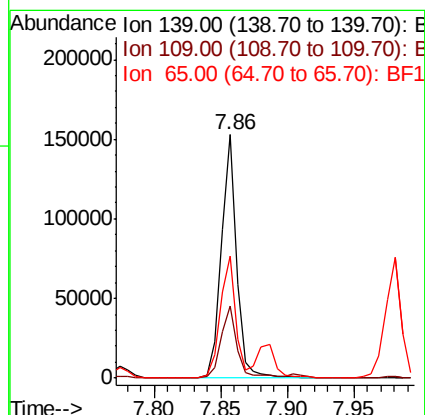
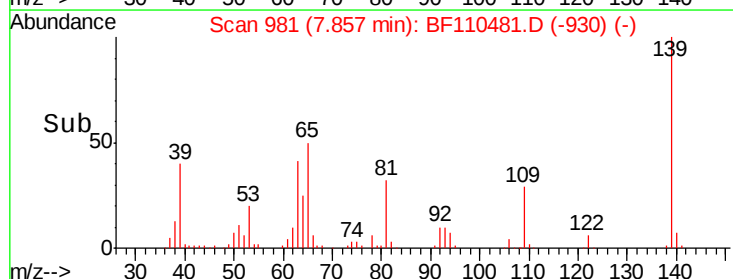
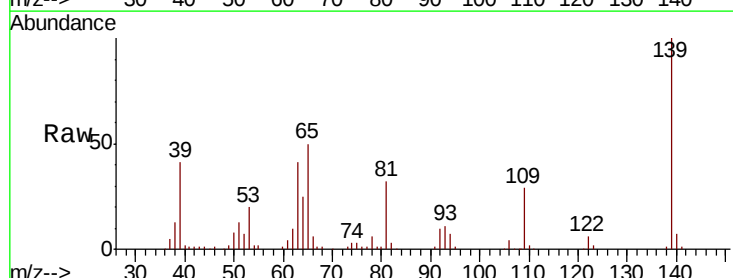
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 398442
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.7 13.2 19.8



#26
2-Nitrophenol
Concen: 41.878 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion: 139 Resp: 124504
Ion Ratio Lower Upper
139 100
109 29.4 25.0 37.6
65 50.0 44.0 66.0

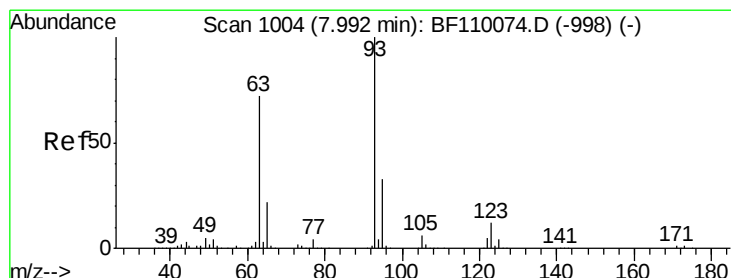
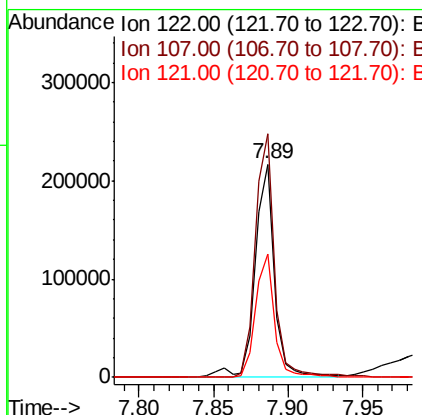
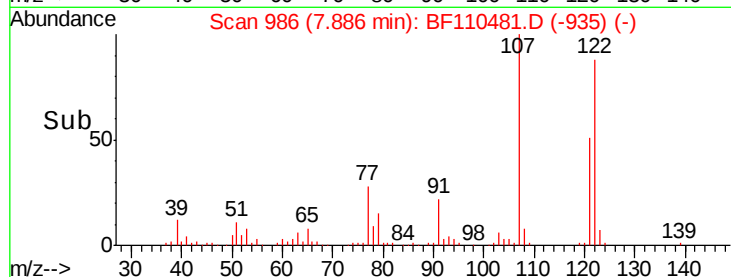
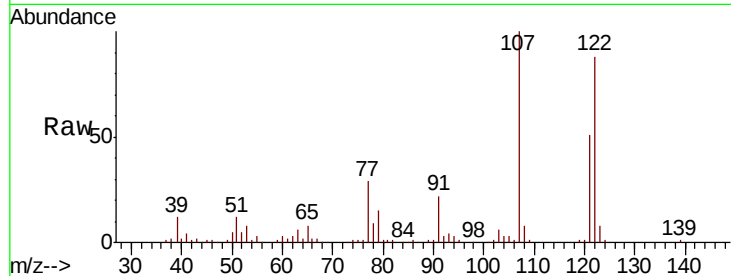




#27
2,4-Dimethylphenol
Concen: 39.395 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

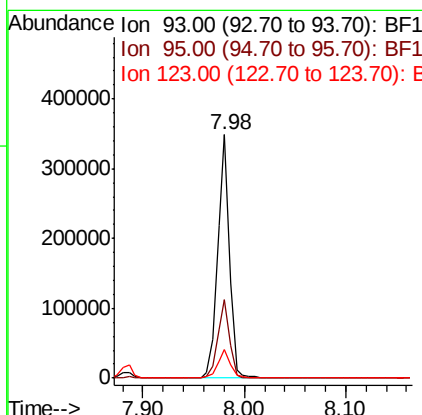
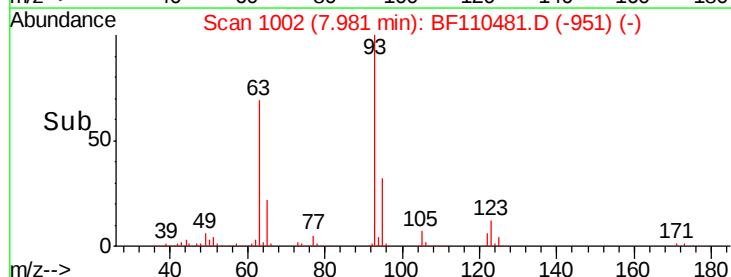
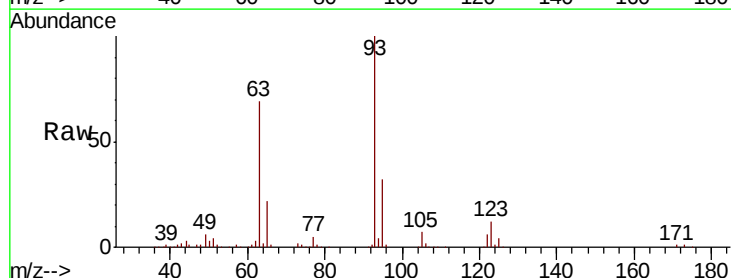
Instrument :
BNA_F
ClientSampleId :

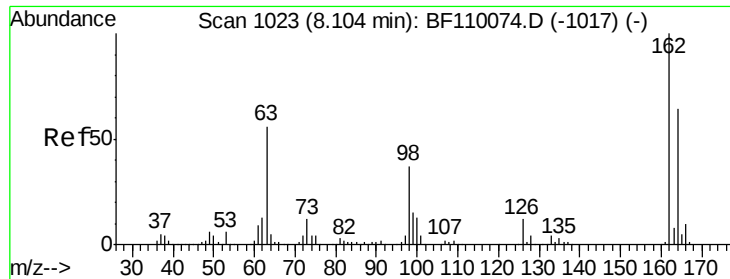
Tgt Ion:122 Resp: 194182
Ion Ratio Lower Upper
122 100
107 114.1 92.5 138.7
121 57.9 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.120 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion: 93 Resp: 281136
Ion Ratio Lower Upper
93 100
95 32.3 26.4 39.6
123 12.0 9.0 13.6

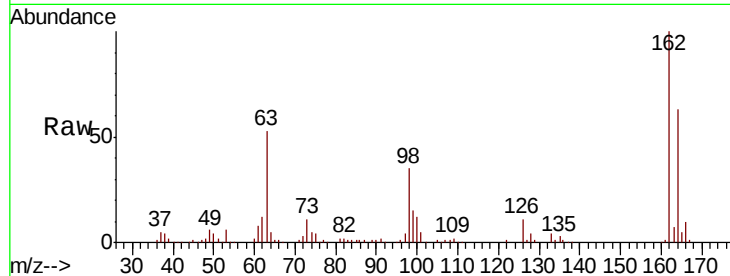




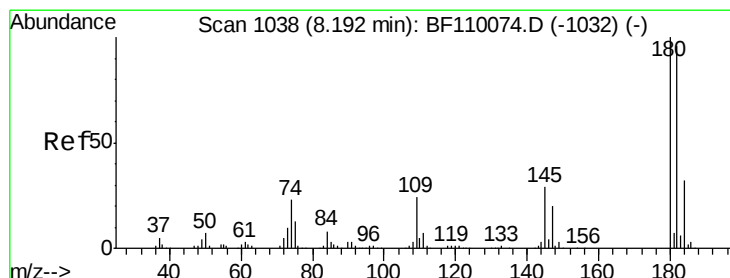
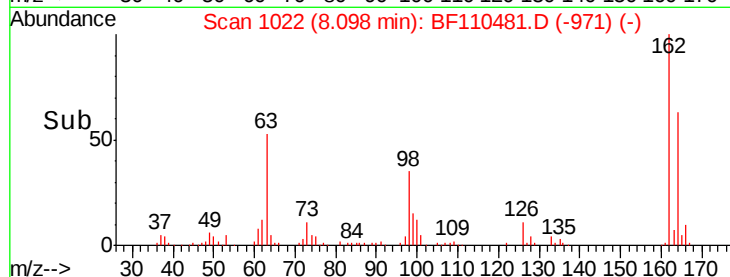
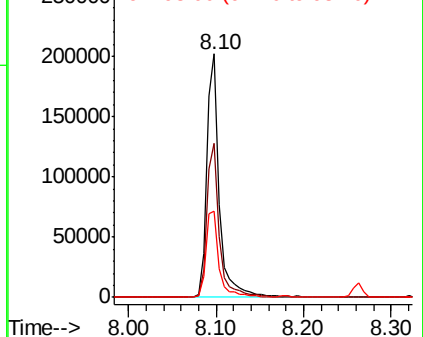
#29
 2,4-Dichlorophenol
 Concen: 40.334 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:162 Resp: 200856
 Ion Ratio Lower Upper
 162 100
 164 63.4 44.6 84.6
 98 35.2 17.4 57.4

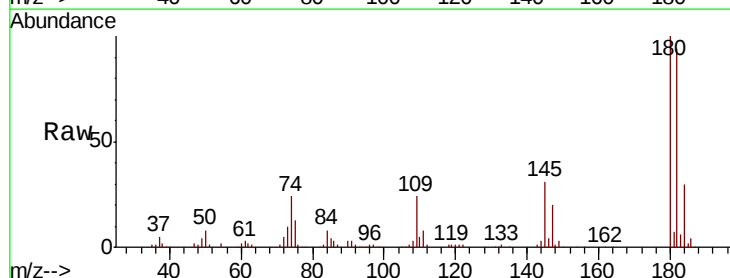


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

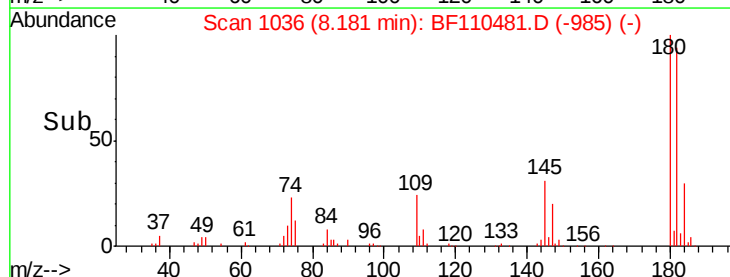
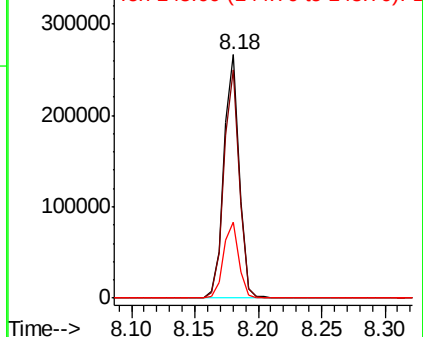


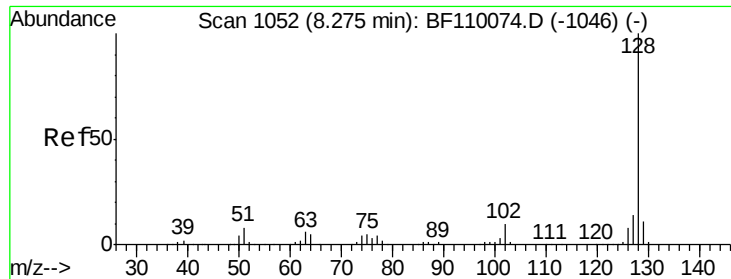
#30
 1,2,4-Trichlorobenzene
 Concen: 40.527 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Tgt Ion:180 Resp: 226055
 Ion Ratio Lower Upper
 180 100
 182 93.9 80.3 120.5
 145 31.0 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

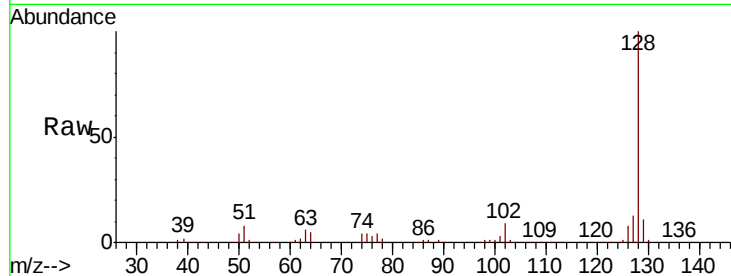




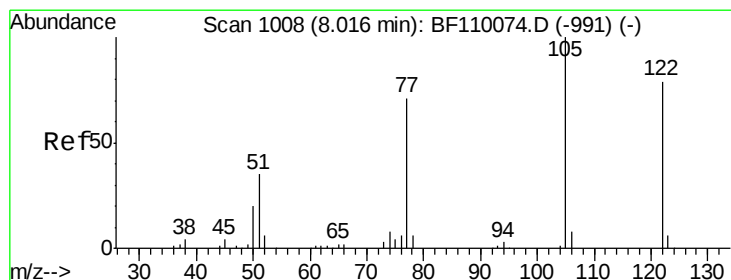
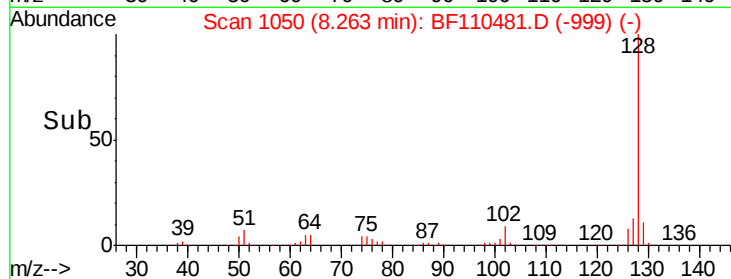
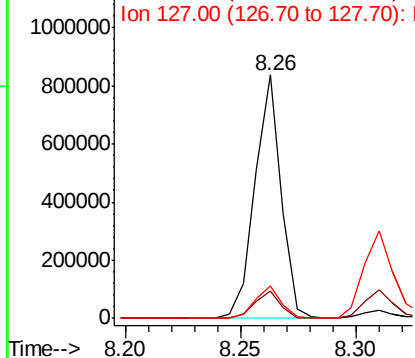
#31
Naphthalene
Concen: 40.210 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 665164
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.8 16.2

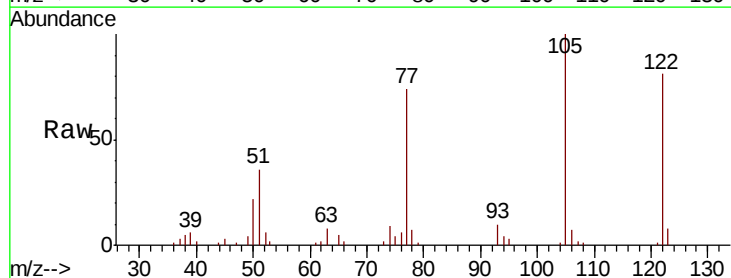


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

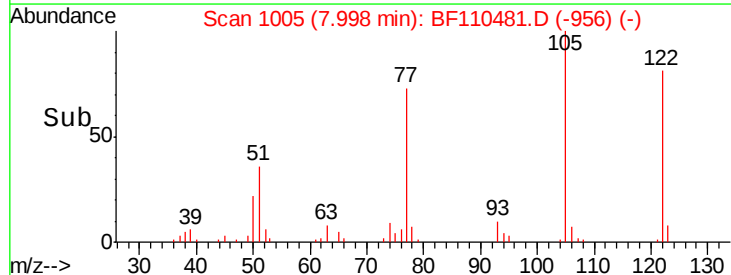
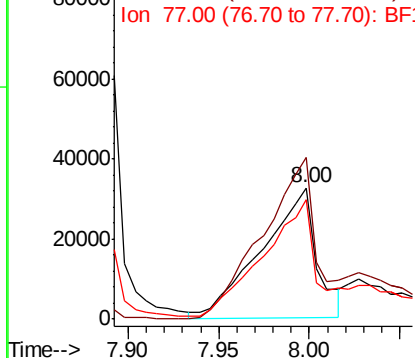


#32
Benzoic acid
Concen: 18.077 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion:122 Resp: 68868
Ion Ratio Lower Upper
122 100
105 123.2 109.0 149.0
77 90.6 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

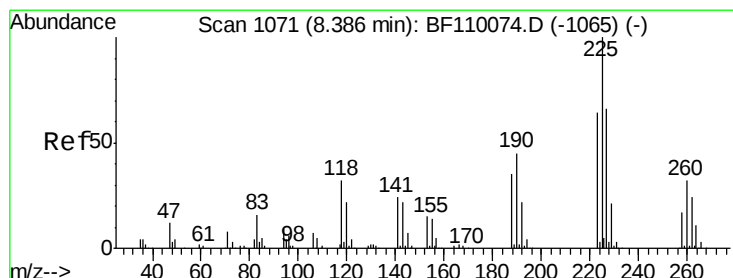
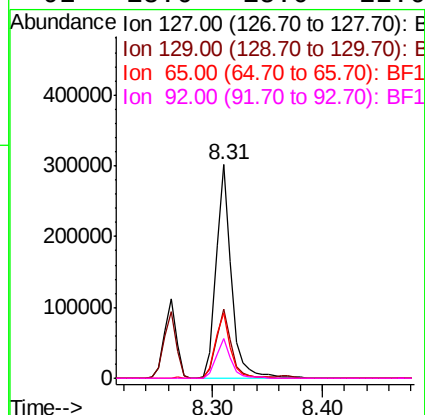
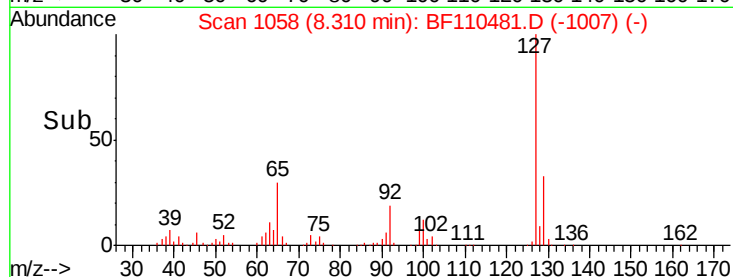
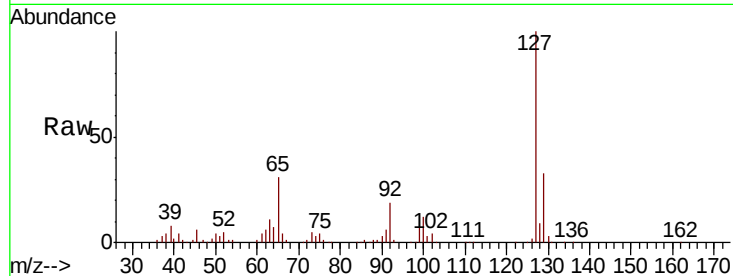




#33
4-Chloroaniline
Concen: 38.286 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

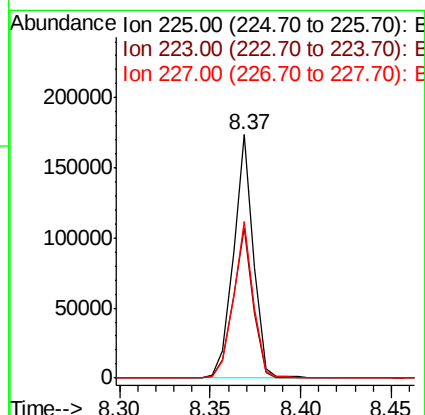
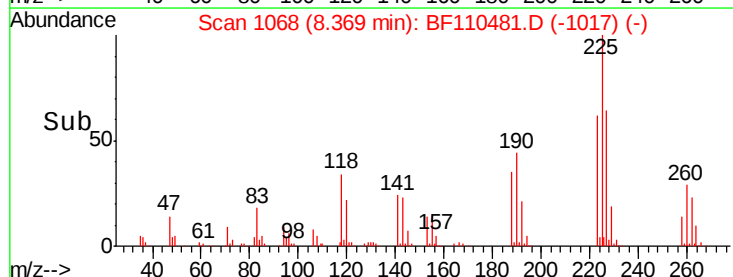
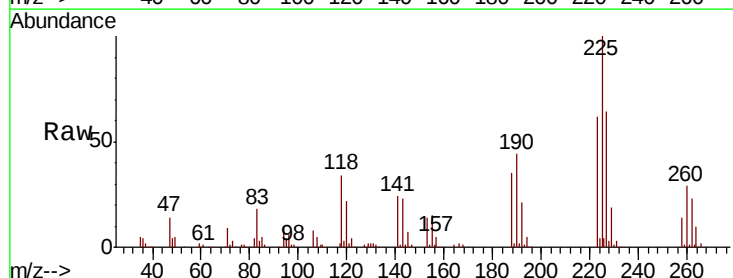
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	127	Resp:	285043
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	30.6	25.1	37.7
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 42.913 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion:	225	Resp:	132905
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.4	77.2
227	64.1	51.0	76.6

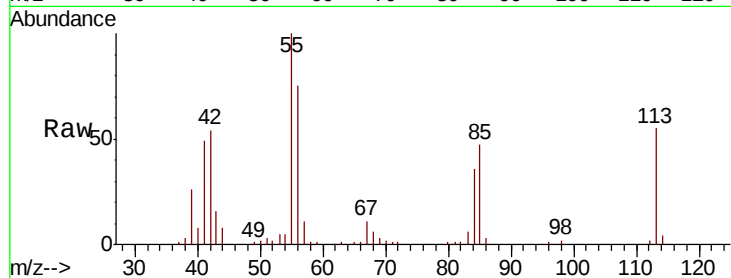




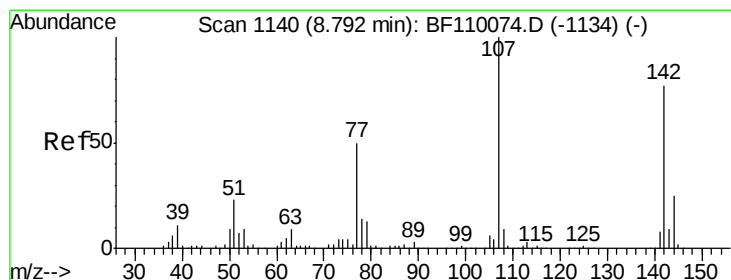
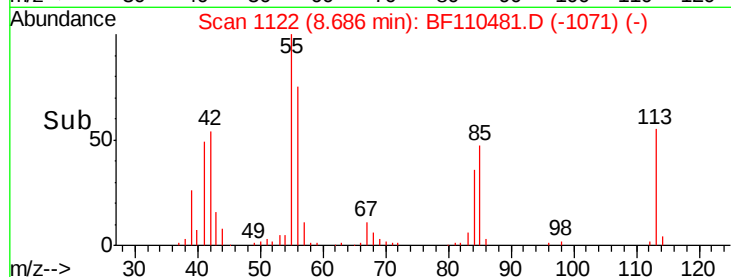
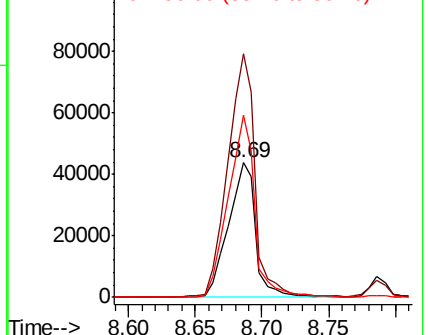
#35
 Caprolactam
 Concen: 36.076 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:113 Resp: 62616
 Ion Ratio Lower Upper
 113 100
 55 180.8 142.8 182.8
 56 135.7 105.0 145.0

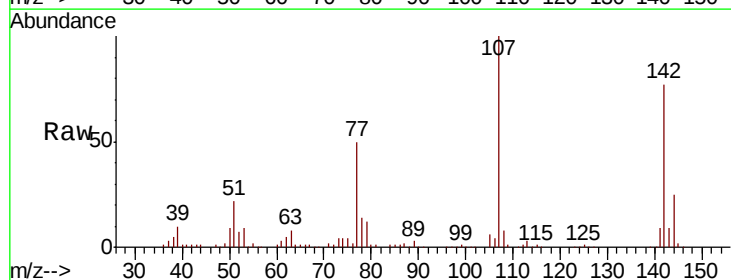


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

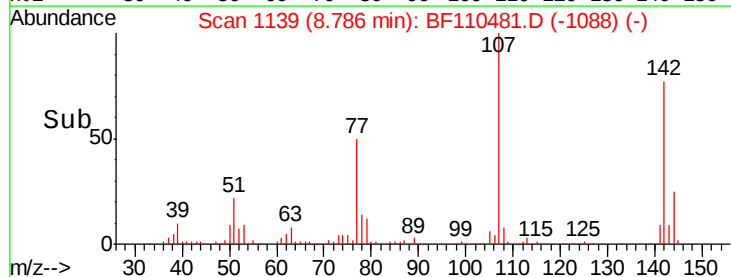
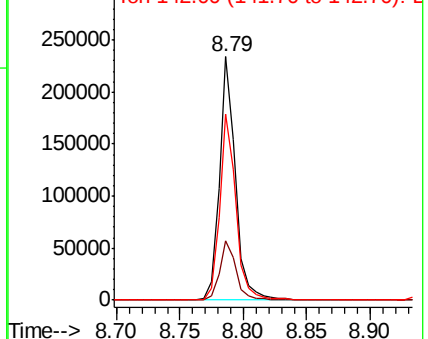


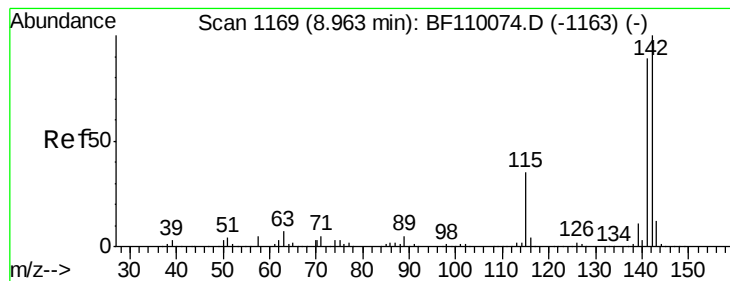
#36
 4-Chloro-3-methylphenol
 Concen: 38.541 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Tgt Ion:107 Resp: 207544
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.0 30.0
 142 76.5 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: 39.298 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

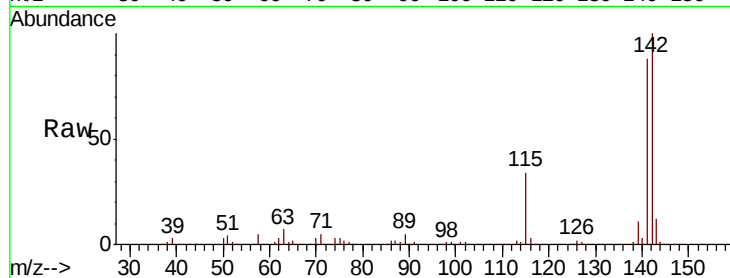
Tgt Ion:142 Resp: 430112

Ion Ratio Lower Upper

142 100

141 87.6 71.4 107.2

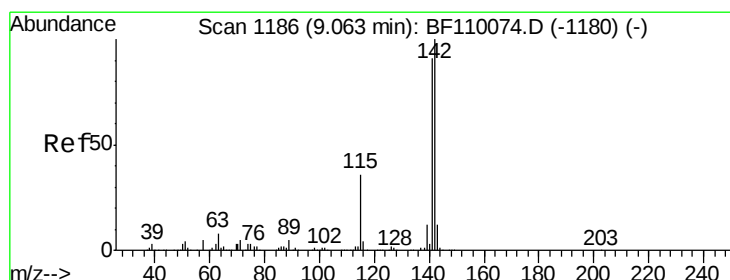
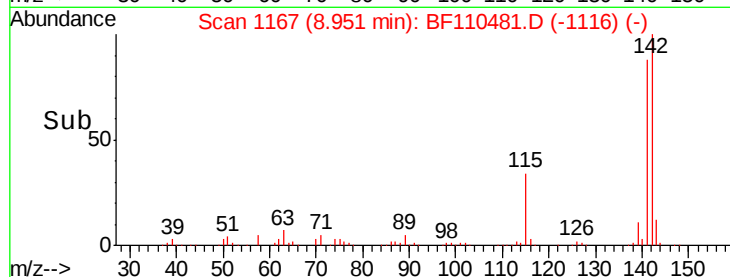
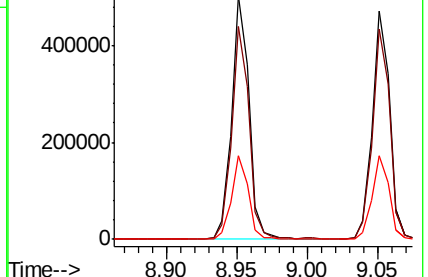
115 34.2 28.7 43.1



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: 38.030 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

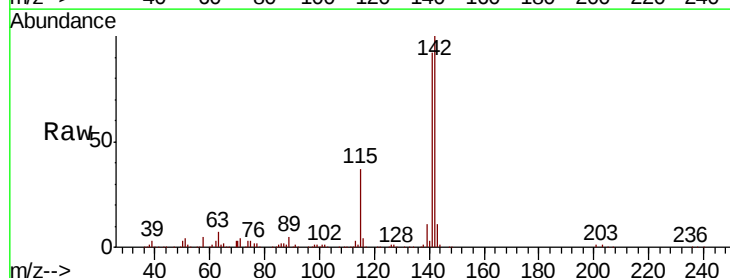
Tgt Ion:142 Resp: 402237

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.4

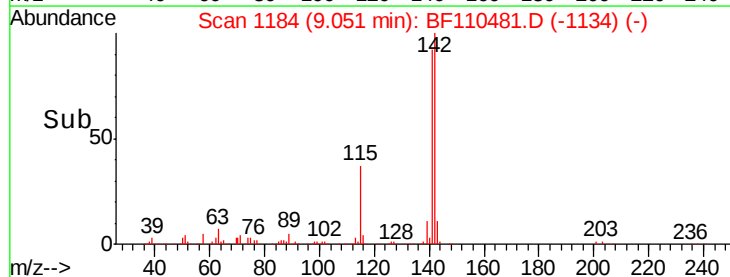
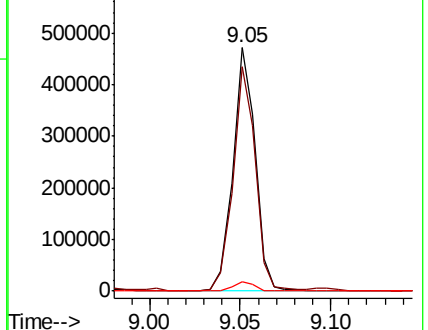
116 3.7 2.6 4.0



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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

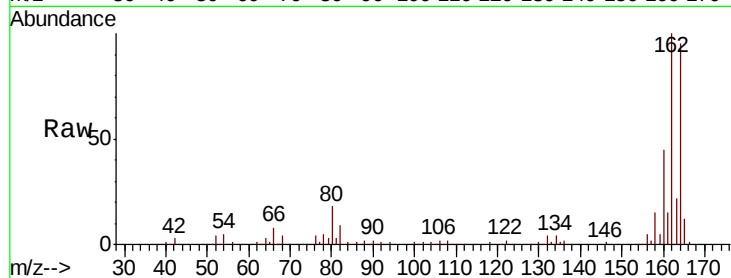
Tgt Ion:164 Resp: 150171

Ion Ratio Lower Upper

164 100

162 105.5 83.0 124.6

160 47.4 37.0 55.6

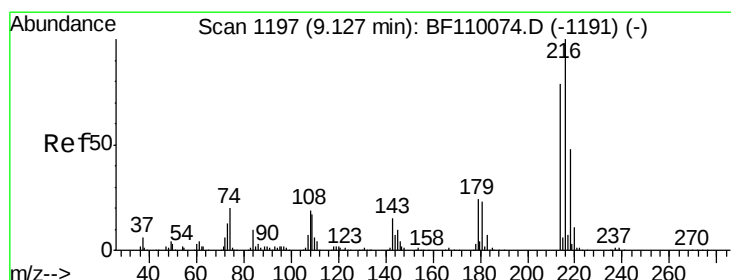
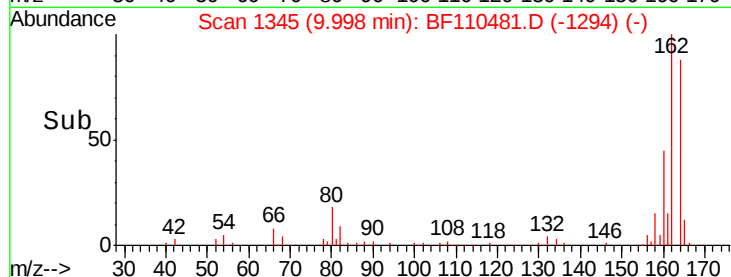
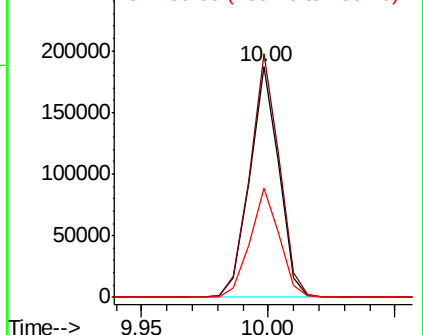


Abundance

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: 44.234 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Tgt Ion:216 Resp: 206969

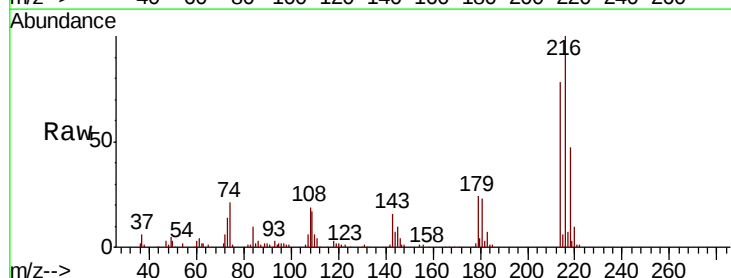
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 22.6 16.6 25.0

108 18.1 15.1 22.7



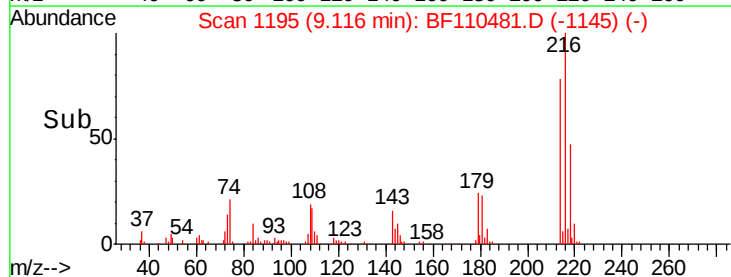
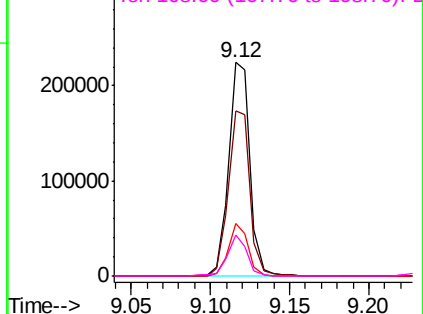
Abundance

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

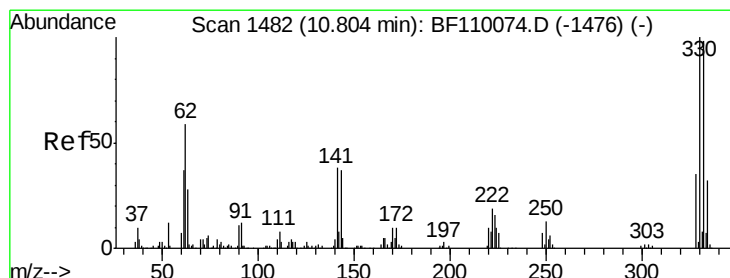
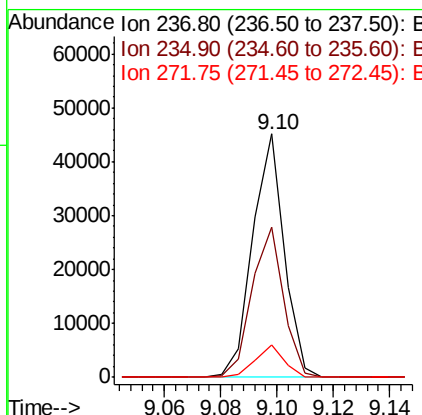
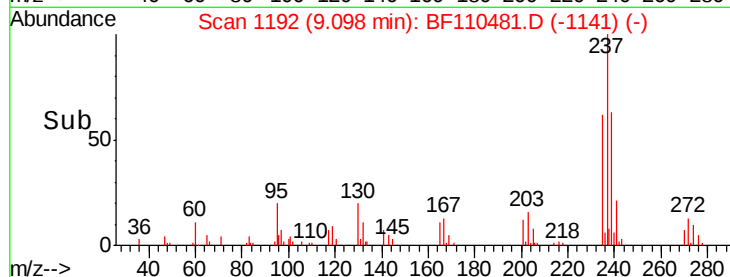
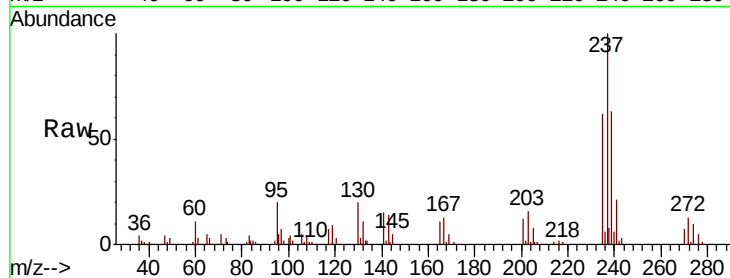




#41
Hexachlorocyclopentadiene
Concen: 14.629 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

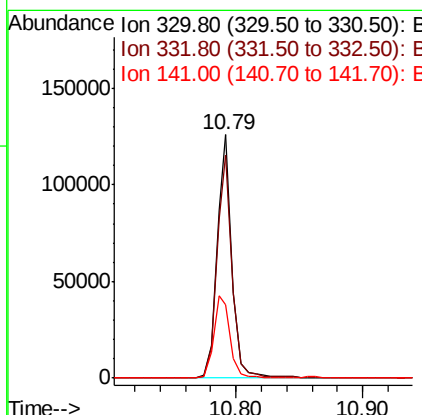
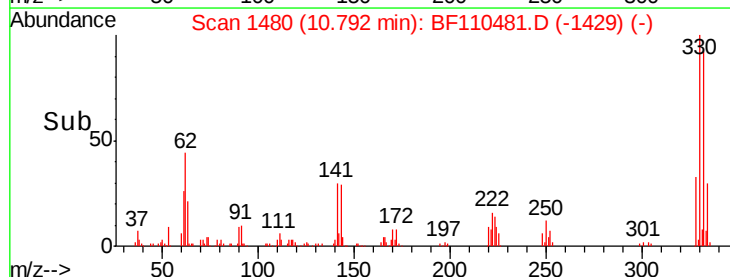
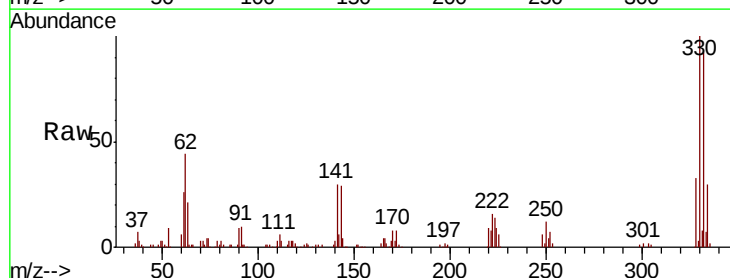
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 237 Resp: 35000
Ion Ratio Lower Upper
237 100
235 61.8 43.1 83.1
272 13.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 69.837 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion: 330 Resp: 103885
Ion Ratio Lower Upper
330 100
332 94.5 77.1 115.7
141 37.5 27.0 40.4

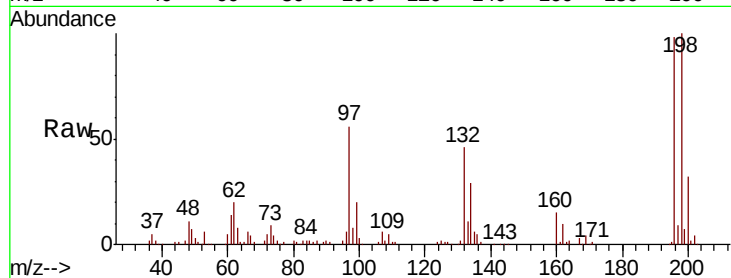




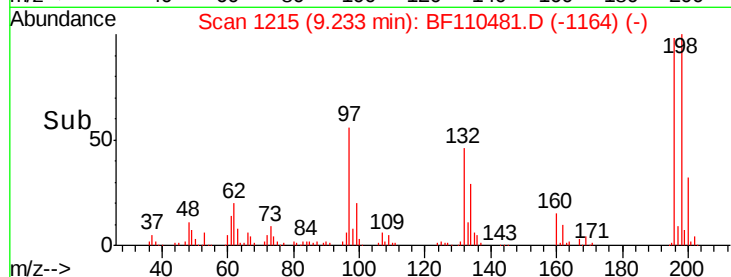
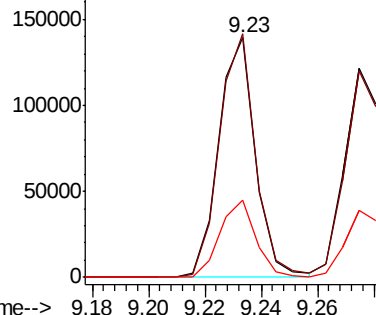
#43
 2,4,6-Trichlorophenol
 Concen: 41.576 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.7	76.2	114.4
200	32.3	24.4	36.6



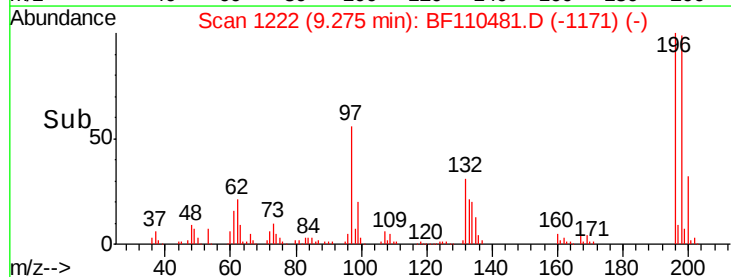
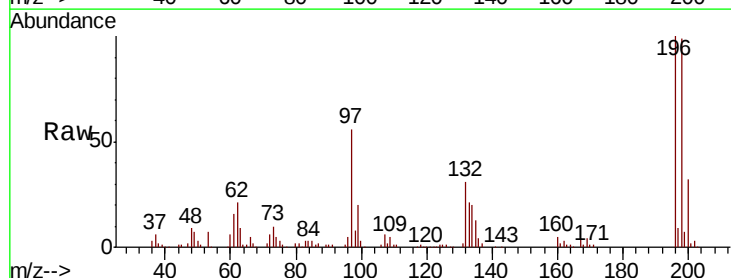
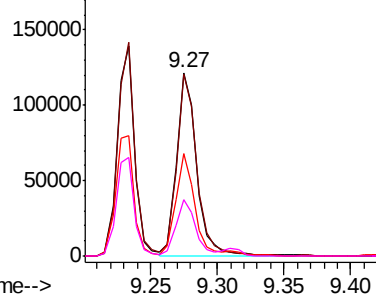
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

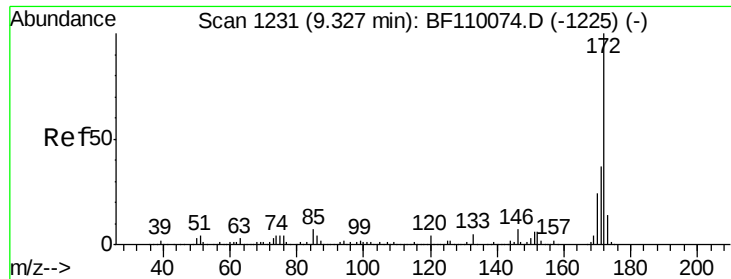


#44
 2,4,5-Trichlorophenol
 Concen: 40.290 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	75.8	113.6
97	56.1	42.4	63.6
132	30.9	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

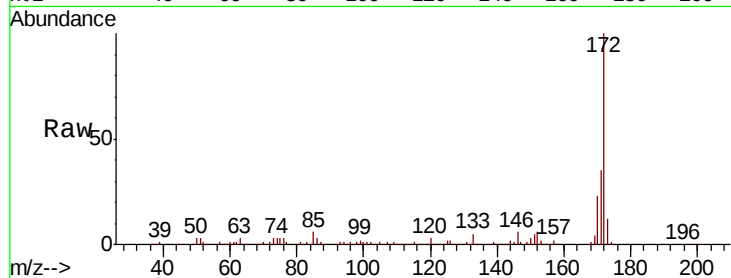




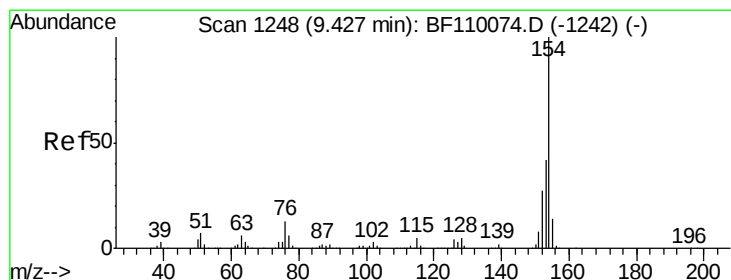
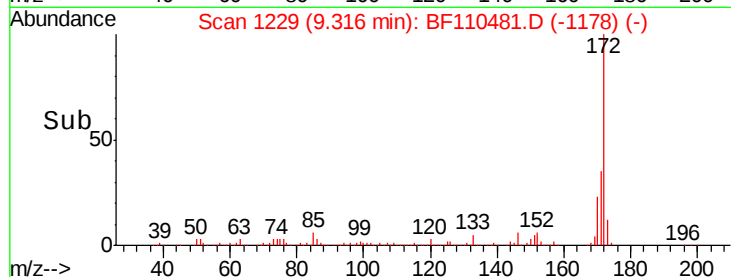
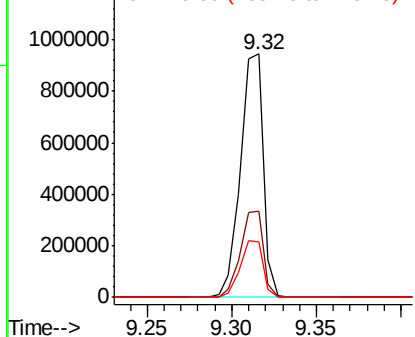
#45
2-Fluorobiphenyl
Concen: 93.207 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 891382
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.0 19.7 29.5

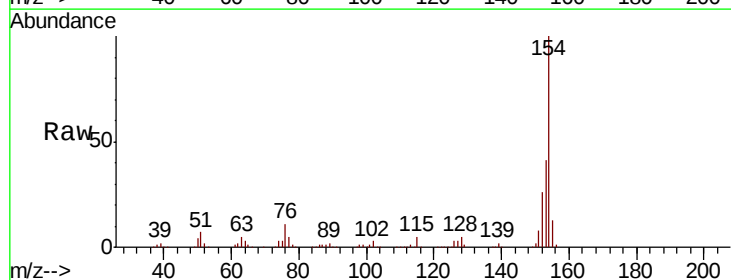


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

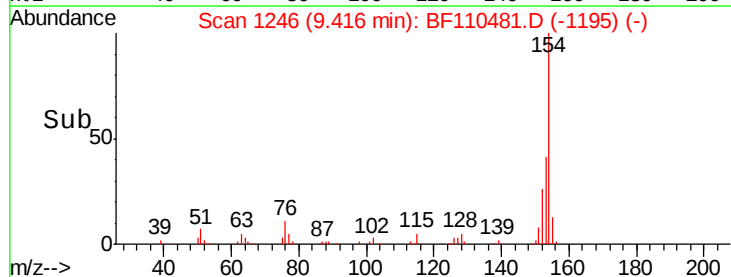
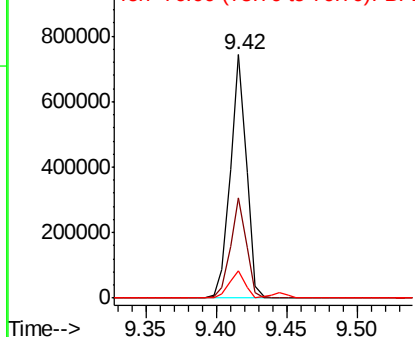


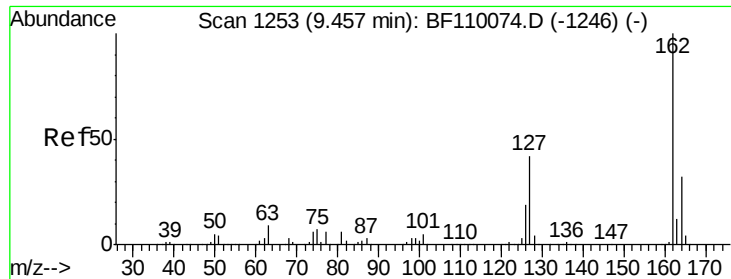
#46
1,1'-Biphenyl
Concen: 43.364 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion:154 Resp: 588882
Ion Ratio Lower Upper
154 100
153 41.4 20.4 60.4
76 11.2 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: 42.830 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

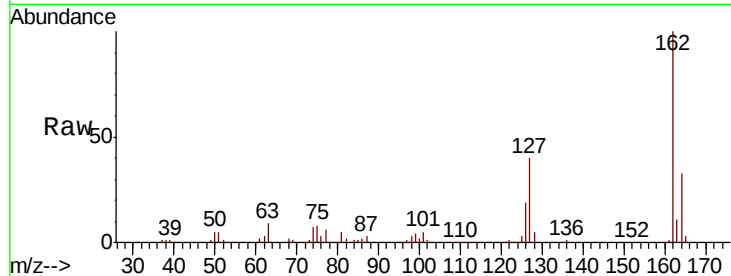
Tgt Ion:162 Resp: 426646

Ion Ratio Lower Upper

162 100

127 40.5 32.6 48.8

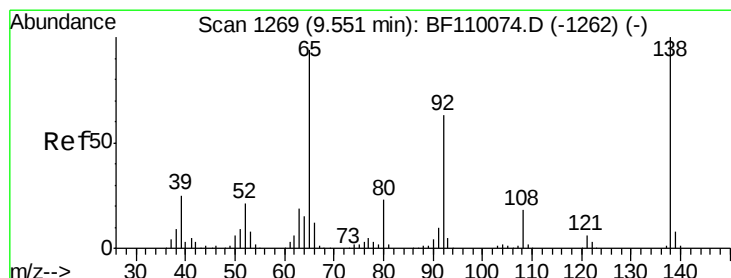
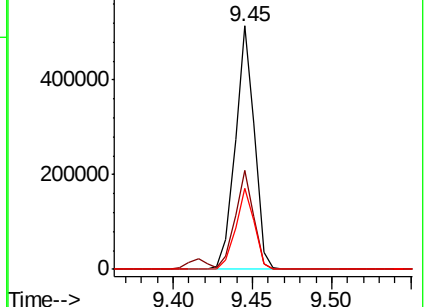
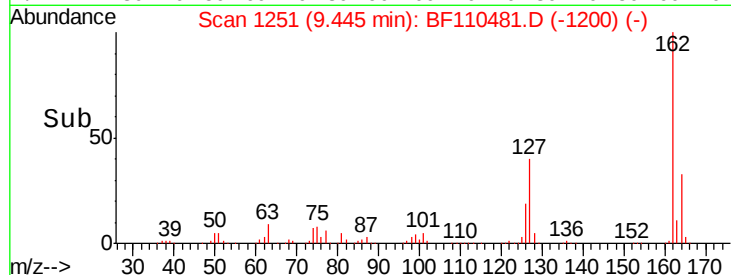
164 33.2 25.9 38.9



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: 42.712 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

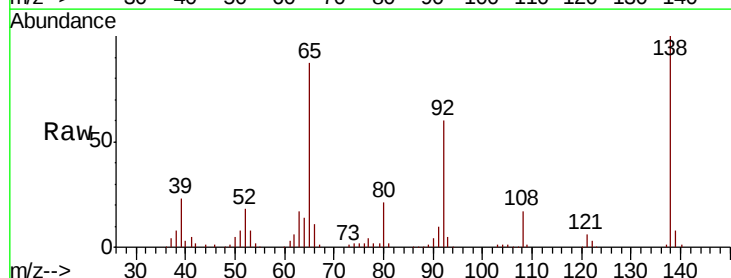
Tgt Ion: 65 Resp: 128928

Ion Ratio Lower Upper

65 100

92 69.3 54.6 81.8

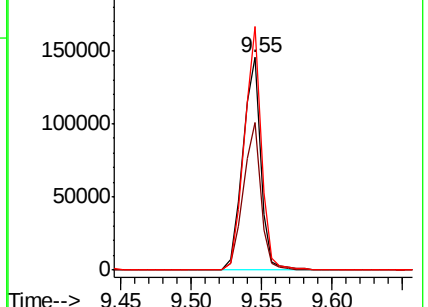
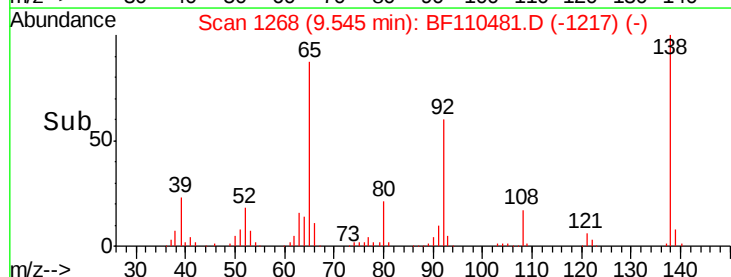
138 114.6 80.3 120.5

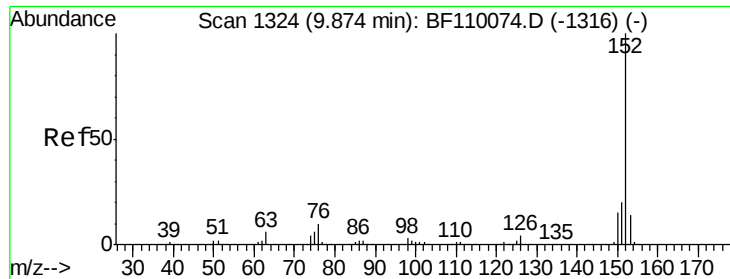


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.669 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

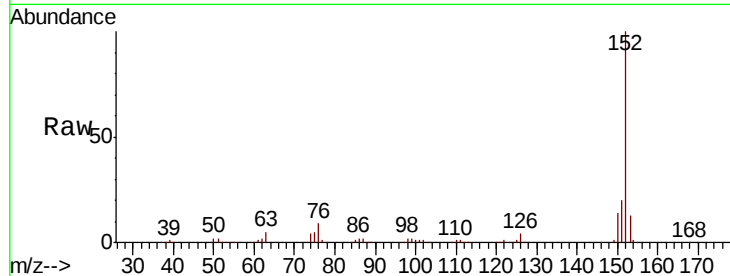
Tgt Ion:152 Resp: 585132

Ion Ratio Lower Upper

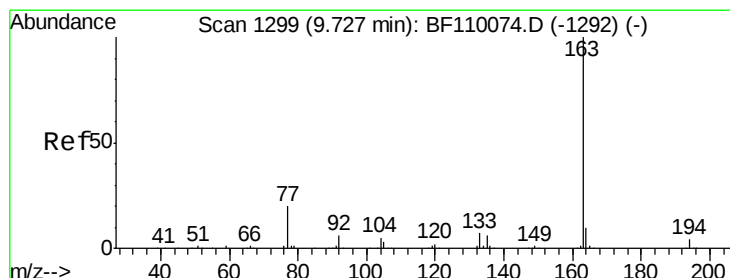
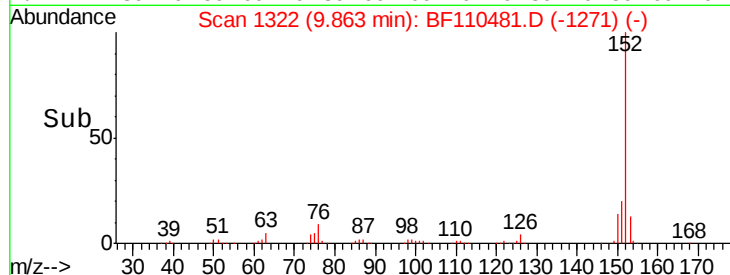
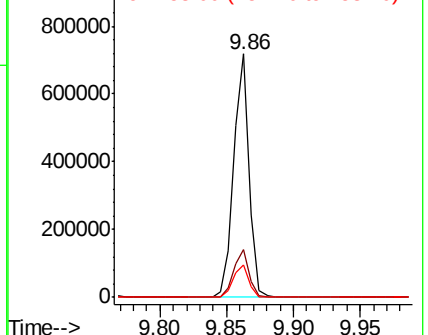
152 100

151 19.9 15.8 23.8

153 13.5 10.4 15.6



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



#50

Dimethylphthalate

Concen: 43.049 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

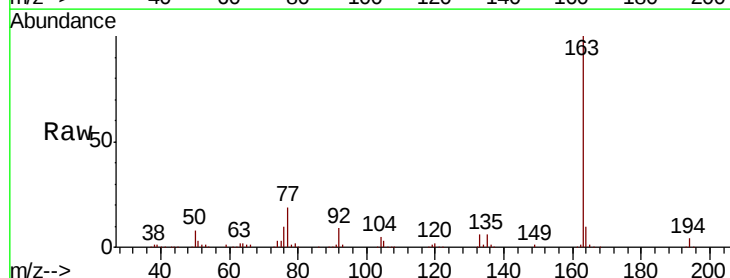
Tgt Ion:163 Resp: 477214

Ion Ratio Lower Upper

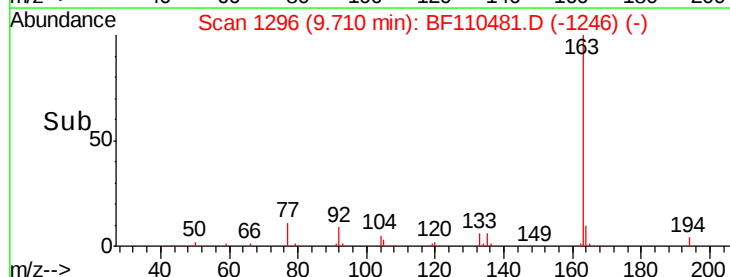
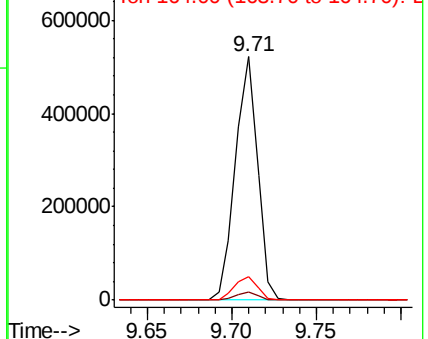
163 100

194 3.6 3.2 4.8

164 9.6 8.1 12.1



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

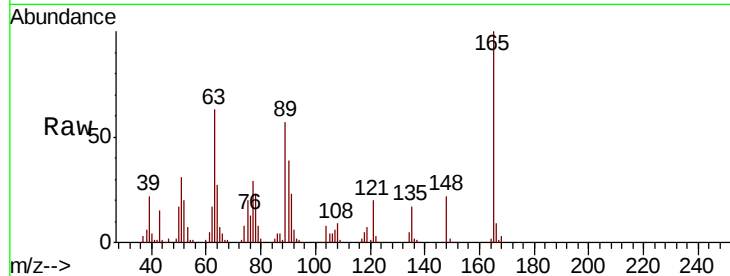




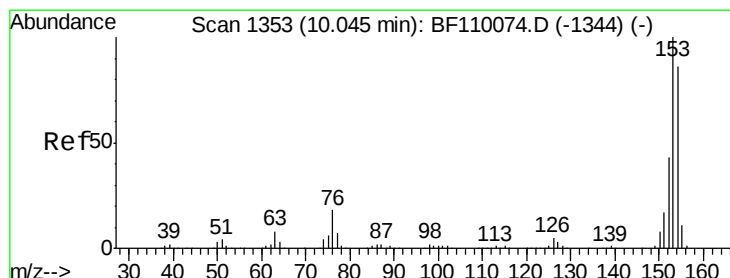
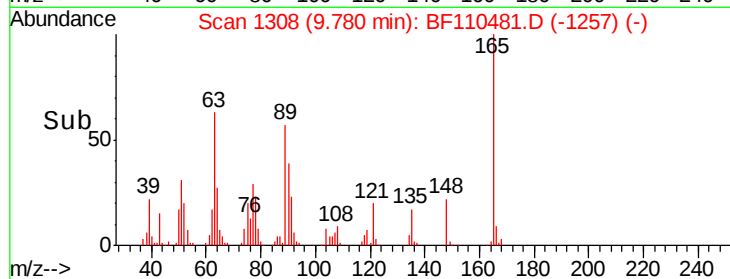
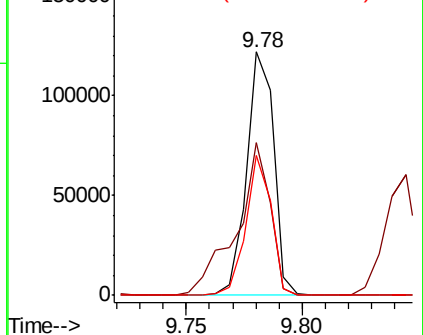
#51
2,6-Dinitrotoluene
Concen: 41.995 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 100275
Ion Ratio Lower Upper
165 100
63 62.8 48.9 73.3
89 57.4 46.6 69.8

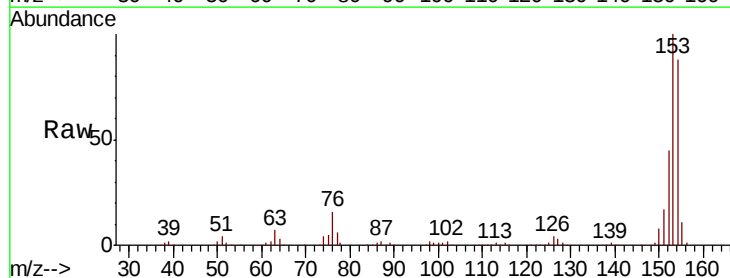


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

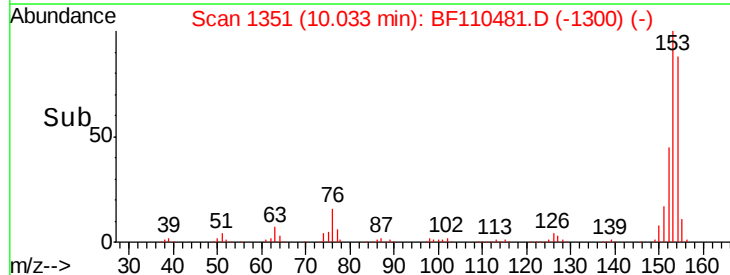
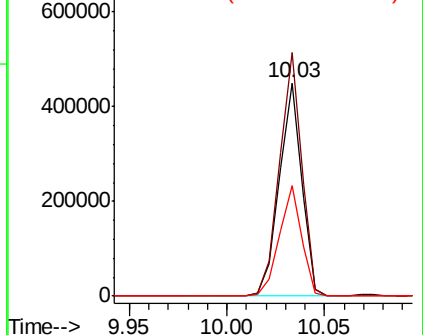


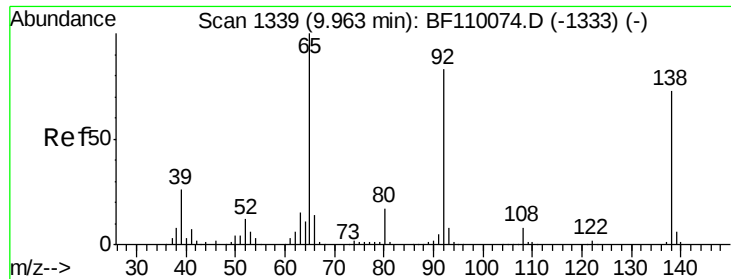
#52
Acenaphthene
Concen: 37.840 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion:154 Resp: 360166
Ion Ratio Lower Upper
154 100
153 114.1 90.1 135.1
152 51.5 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

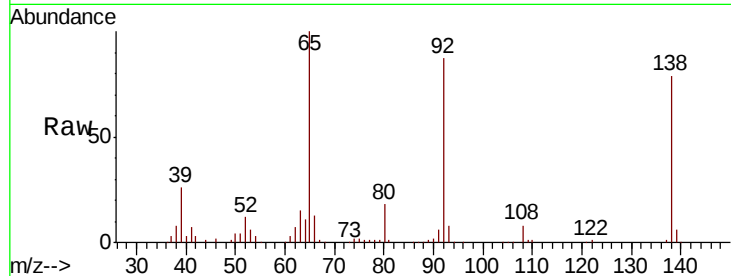




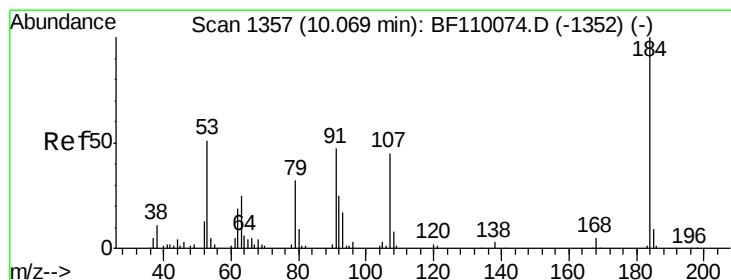
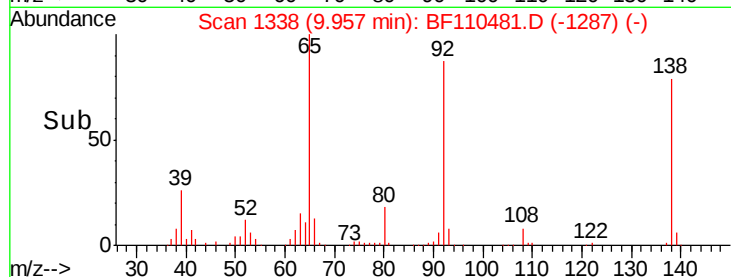
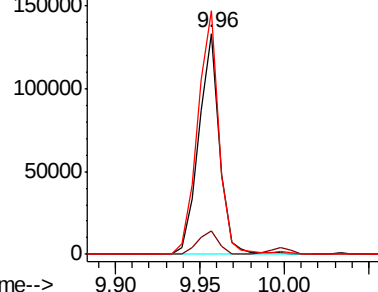
#53
3-Nitroaniline
Concen: 39.936 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 113400
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 110.4 97.0 145.4

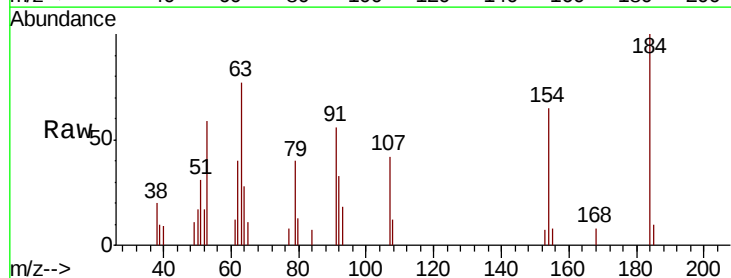


Abundance Ion 138.00 (137.70 to 138.70): E
200000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

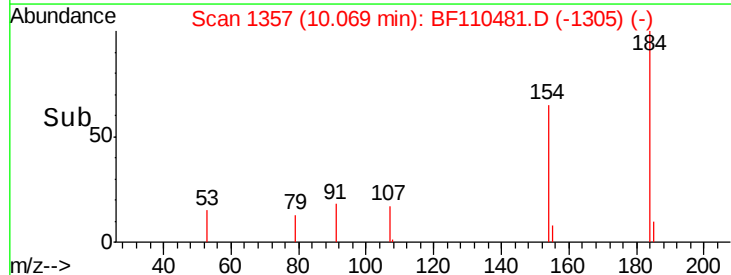
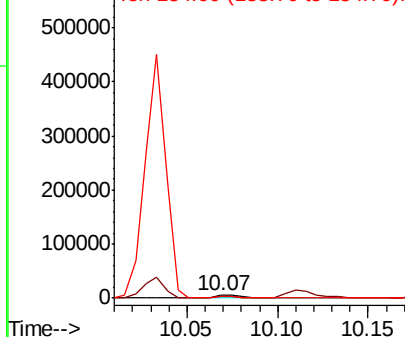


#54
2,4-Dinitrophenol
Concen: 11.504 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion:184 Resp: 6413
Ion Ratio Lower Upper
184 100
63 76.7 55.8 83.6
154 64.5 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
600000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

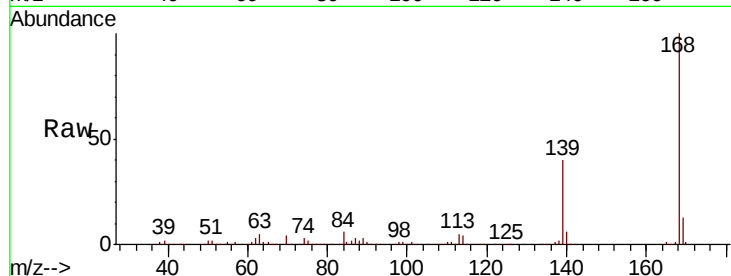




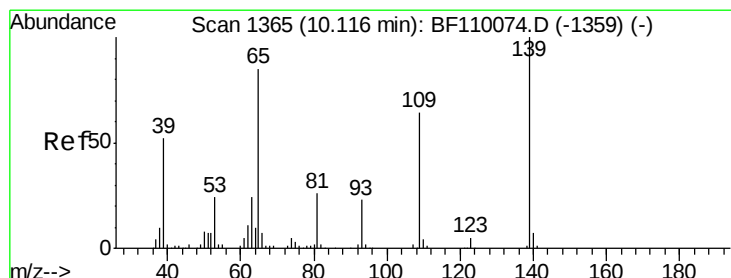
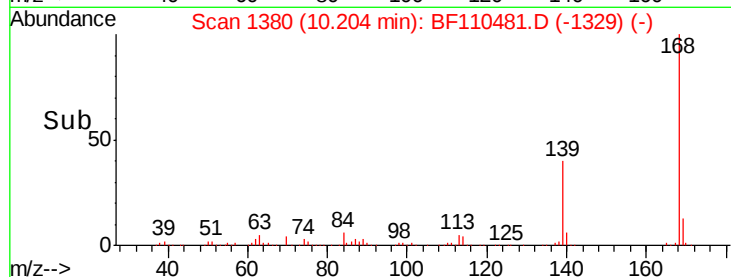
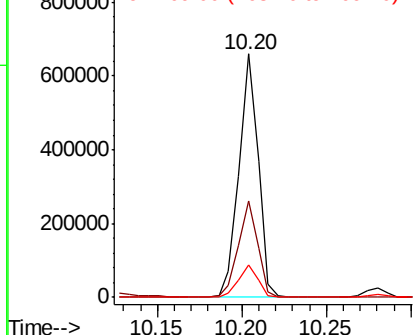
#55
Dibenzenofuran
Concen: 39.202 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 522409
Ion Ratio Lower Upper
168 100
139 39.8 33.0 49.6
169 13.3 11.3 16.9

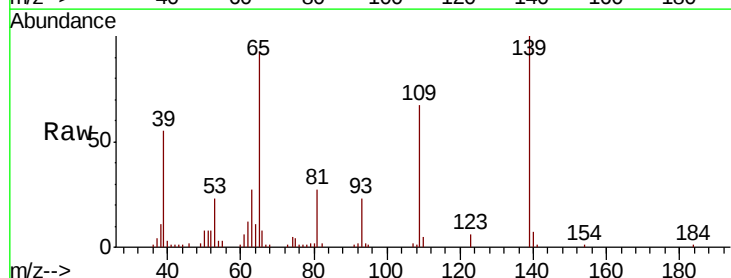


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

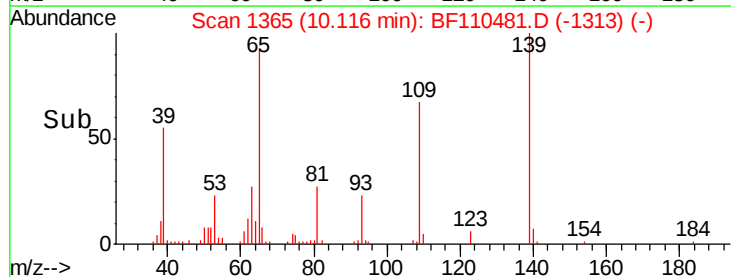
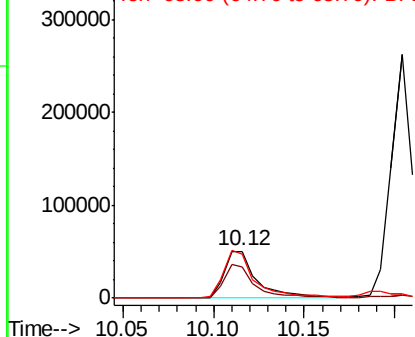


#56
4-Nitrophenol
Concen: 30.522 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion:139 Resp: 64145
Ion Ratio Lower Upper
139 100
109 67.2 55.8 95.8
65 92.5 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

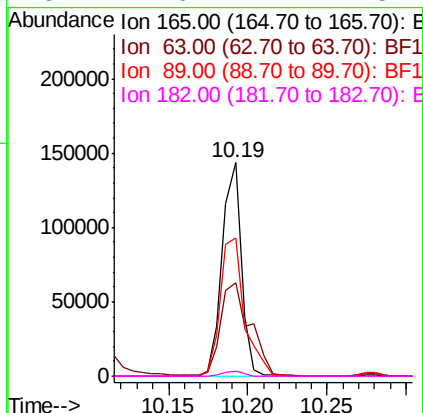
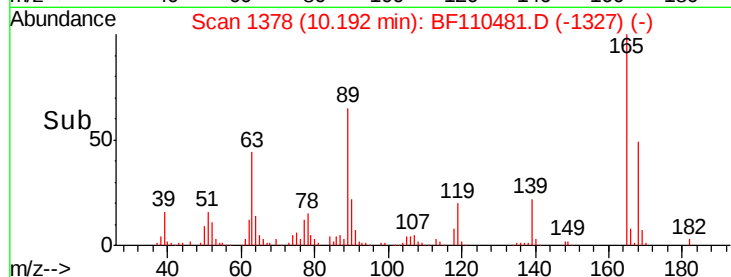
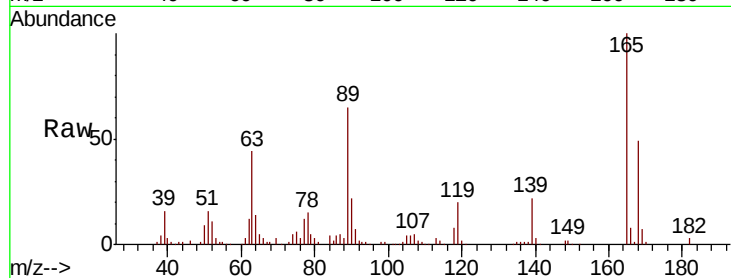




#57
2,4-Dinitrotoluene
Concen: 40.141 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

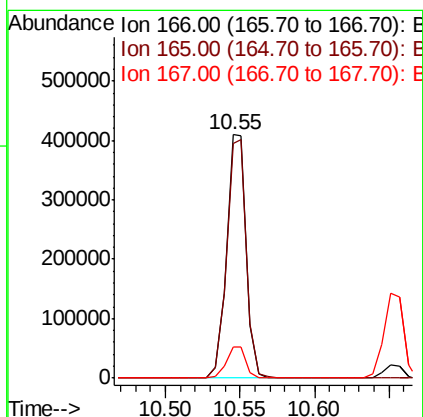
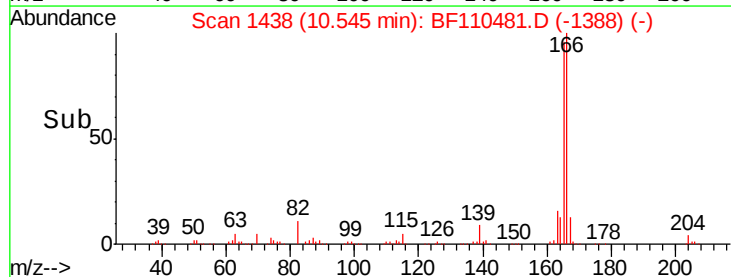
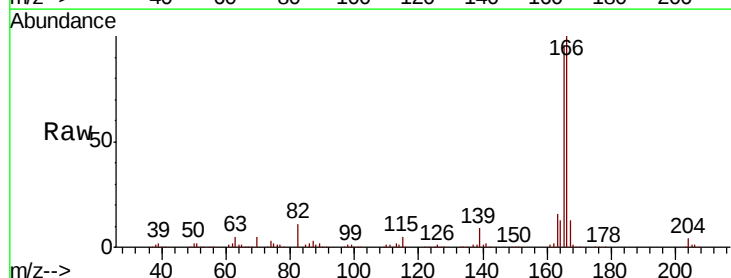
Instrument :
BNA_F
ClientSampleId :

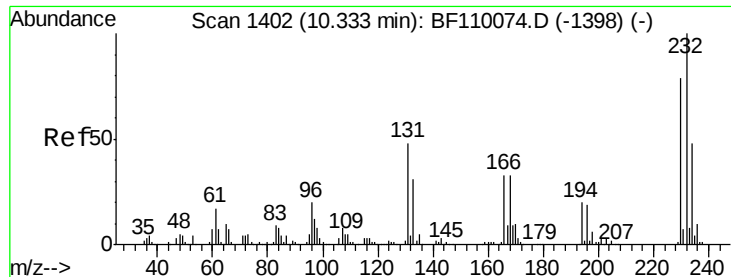
Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.7	44.8	67.2#
89	64.5	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 38.525 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.6	117.8
167	12.9	10.8	16.2

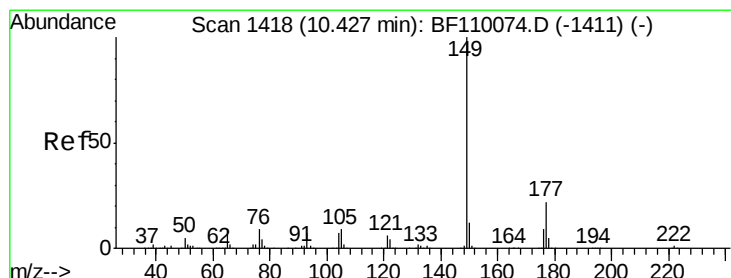
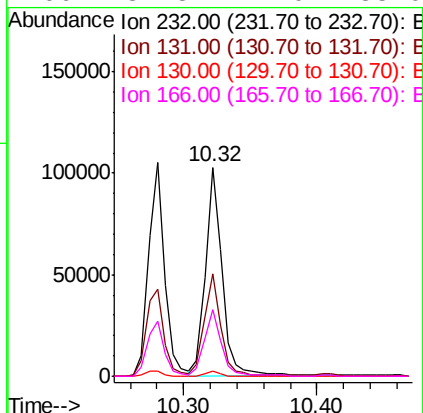
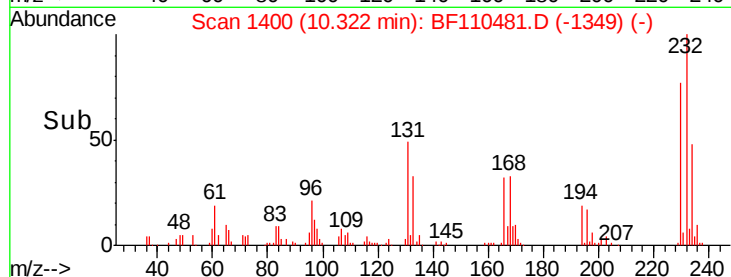
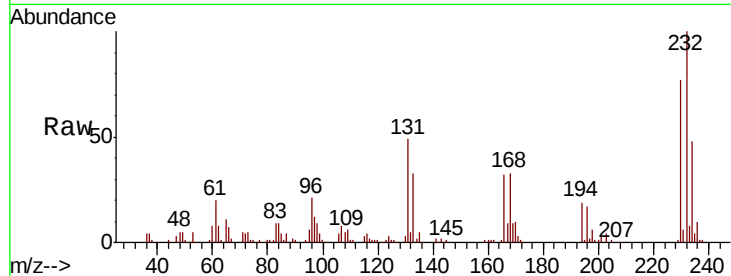




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.527 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

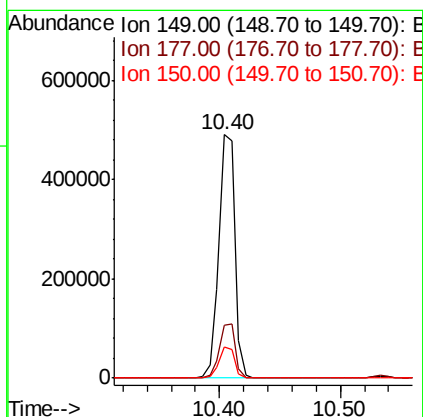
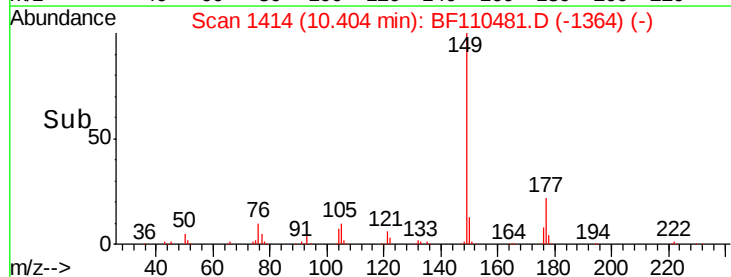
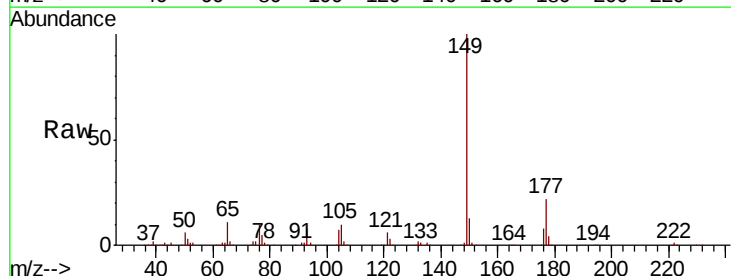
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:232 Resp: 89775
 Ion Ratio Lower Upper
 232 100
 131 48.4 37.0 55.4
 130 2.2 1.8 2.6
 166 32.8 22.0 33.0



#60
 Diethylphthalate
 Concen: 41.351 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Tgt Ion:149 Resp: 447456
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.4 26.2
 150 12.8 9.8 14.8

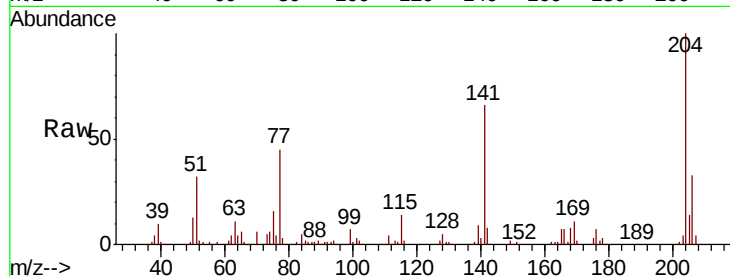




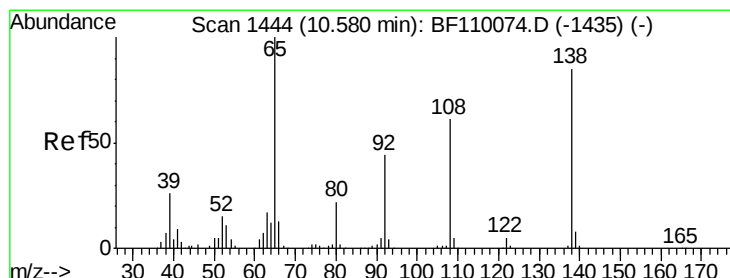
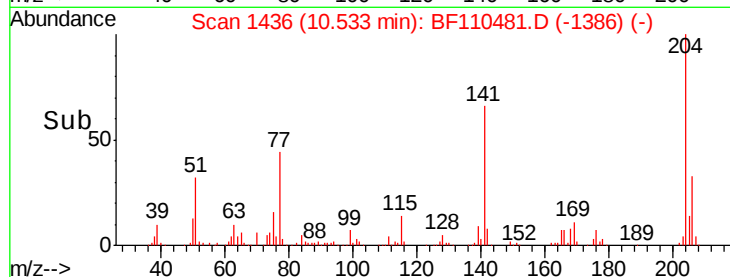
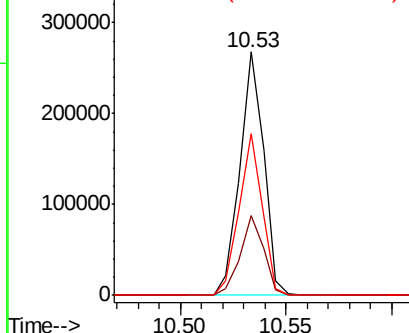
#61
 4-Chlorophenyl-phenylether
 Concen: 39.929 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 204 Resp: 208910
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.5 39.7
 141 66.5 51.8 77.8

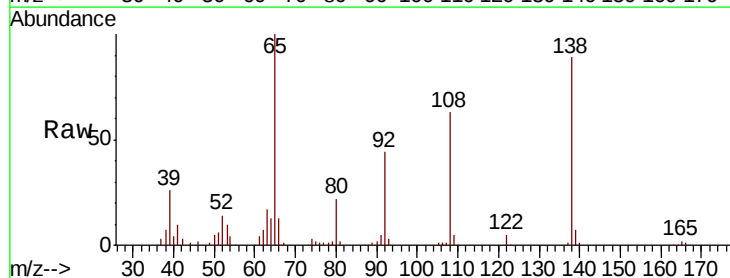


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

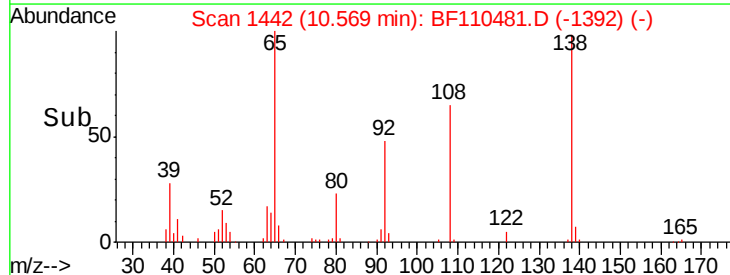
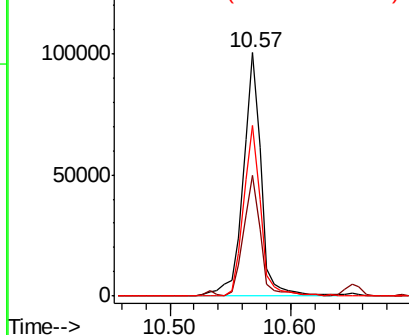


#62
 4-Nitroaniline
 Concen: 36.894 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Tgt Ion: 138 Resp: 104198
 Ion Ratio Lower Upper
 138 100
 92 49.5 31.7 71.7
 108 70.1 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

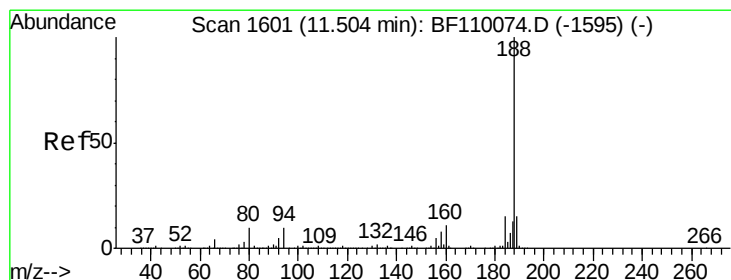
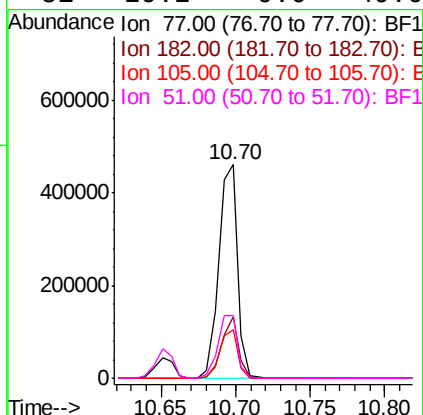
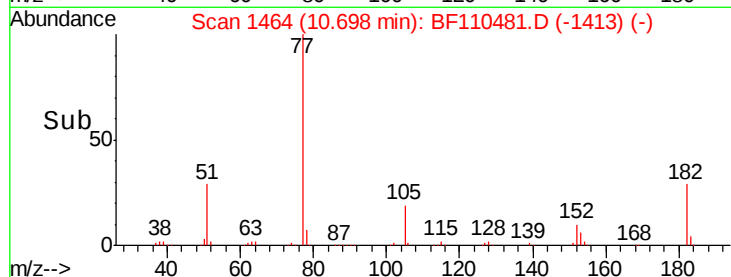
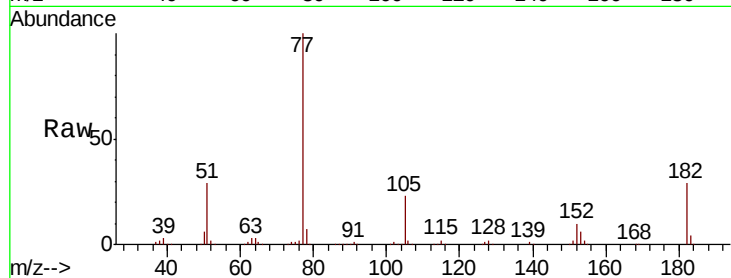




#63
Azobenzene
Concen: 37.952 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

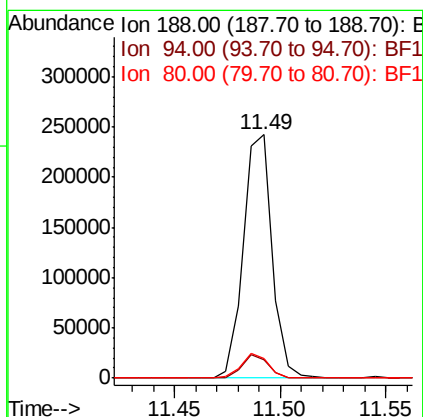
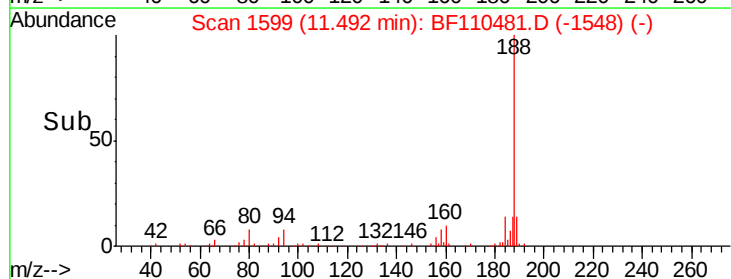
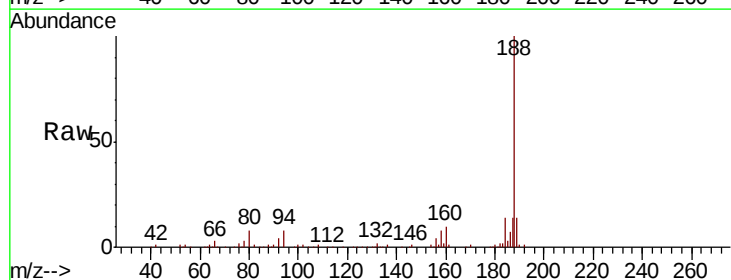
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	77	Resp:	407647
Ion	Ratio	Lower	Upper
77	100		
182	28.6	4.3	44.3
105	22.9	1.3	41.3
51	29.2	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion:	188	Resp:	228410
Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.2	10.8
80	8.2	7.9	11.9

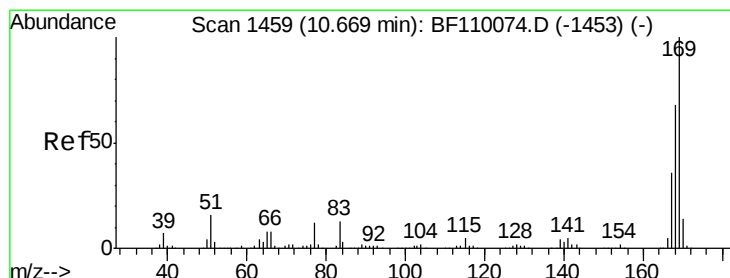
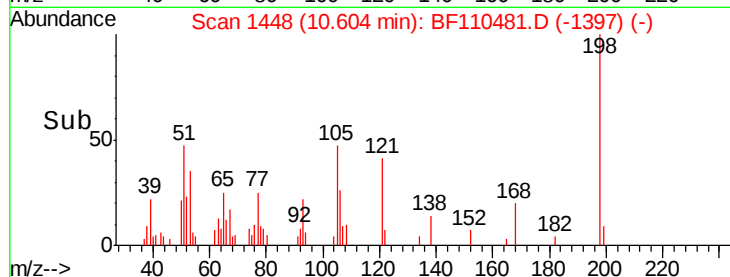
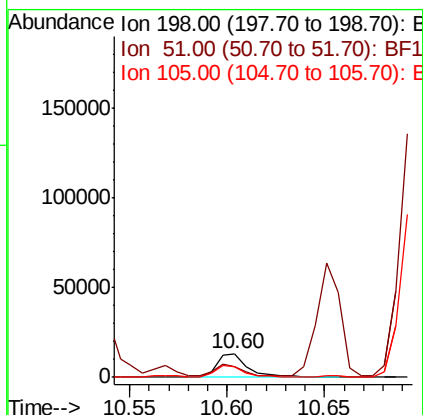
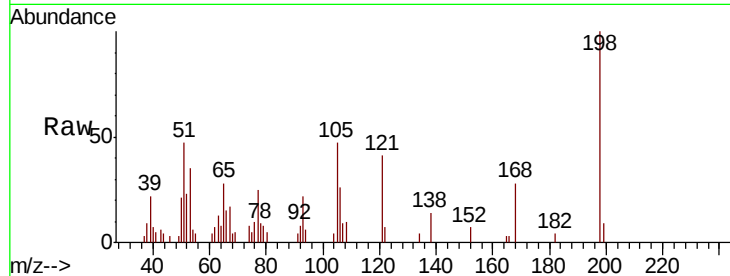




#65
 4,6-Dinitro-2-methylphenol
 Concen: 13.700 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

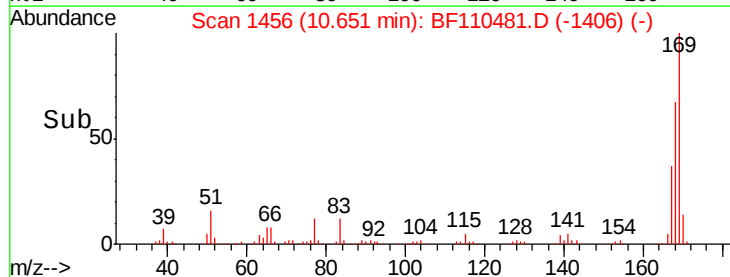
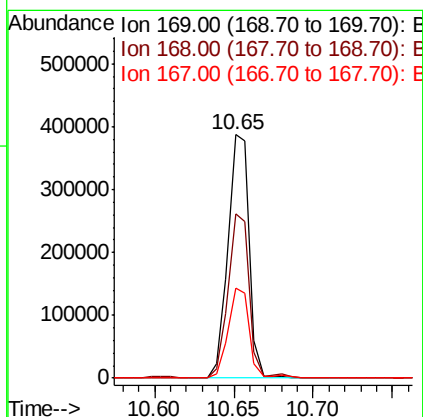
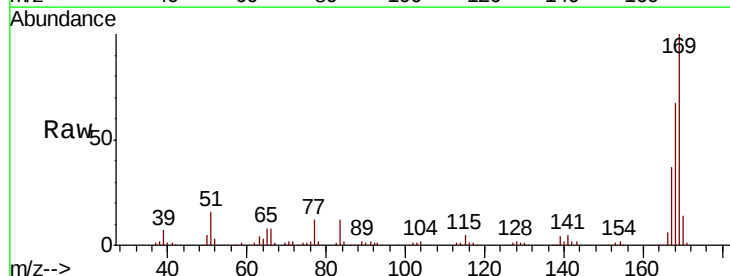
Instrument :
 BNA_F
 ClientSampleId :

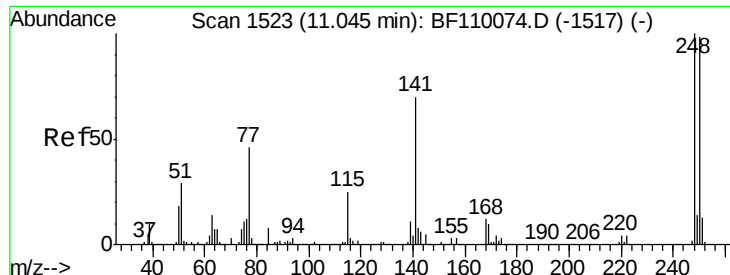
Tgt Ion:198 Resp: 14297
 Ion Ratio Lower Upper
 198 100
 51 47.4 22.8 62.8
 105 46.7 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 47.830 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Tgt Ion:169 Resp: 358333
 Ion Ratio Lower Upper
 169 100
 168 67.4 51.2 76.8
 167 37.0 27.8 41.6

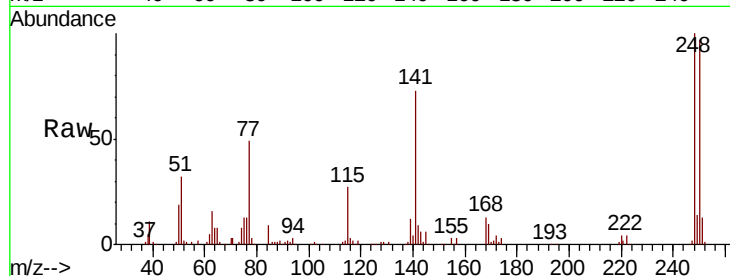




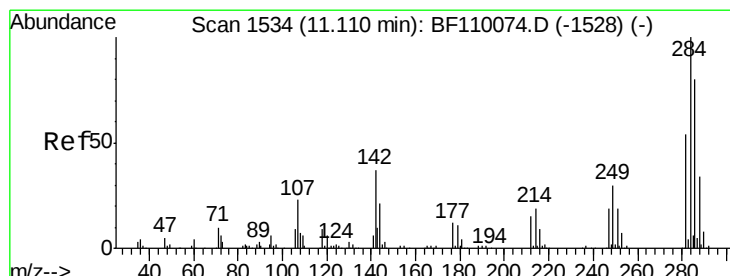
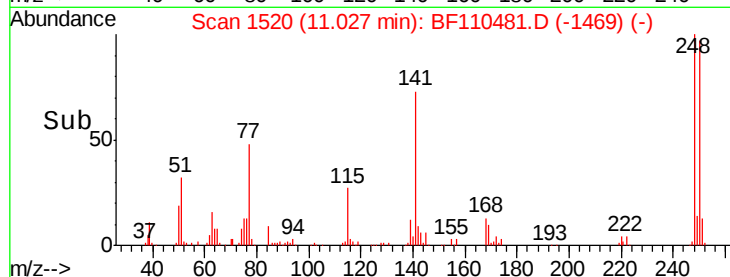
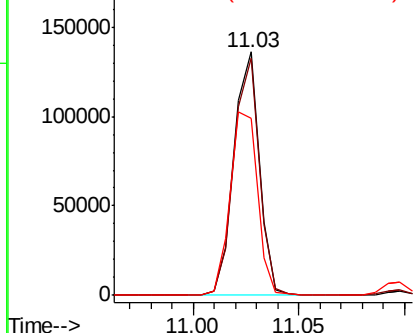
#67
 4-Bromophenyl-phenylether
 Concen: 45.552 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 248 Resp: 112859
 Ion Ratio Lower Upper
 248 100
 250 97.2 79.4 119.2
 141 72.7 55.9 83.9

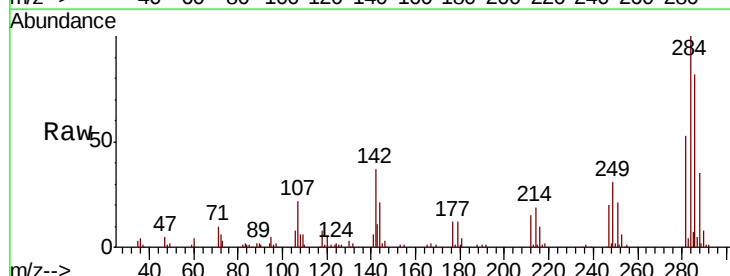


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

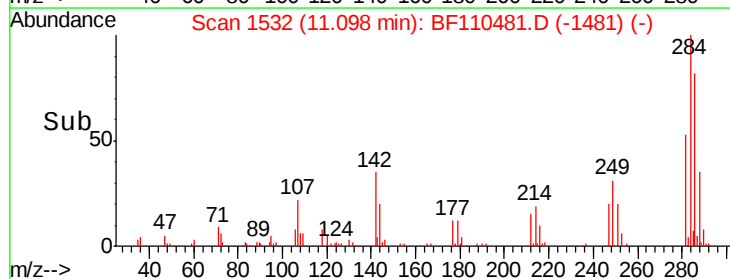
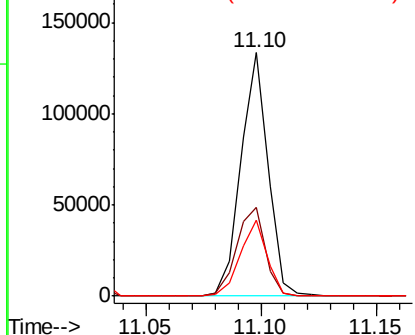


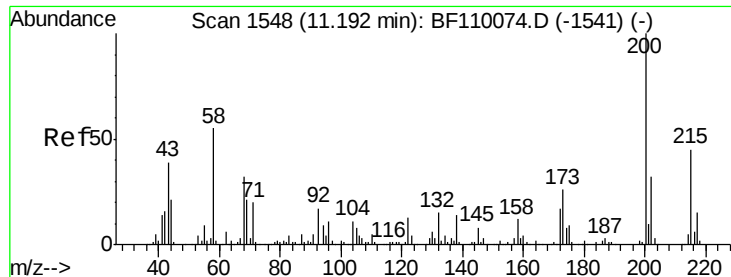
#68
 Hexachlorobenzene
 Concen: 41.750 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Tgt Ion: 284 Resp: 109753
 Ion Ratio Lower Upper
 284 100
 142 36.7 23.9 35.9#
 249 31.4 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

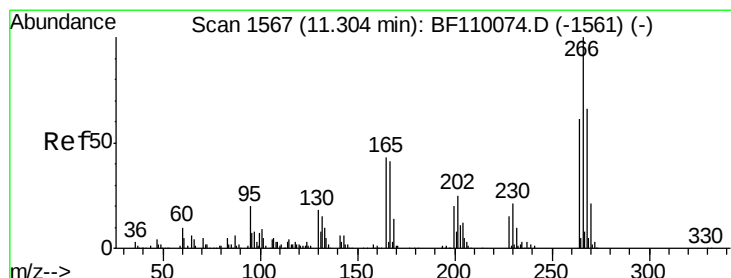
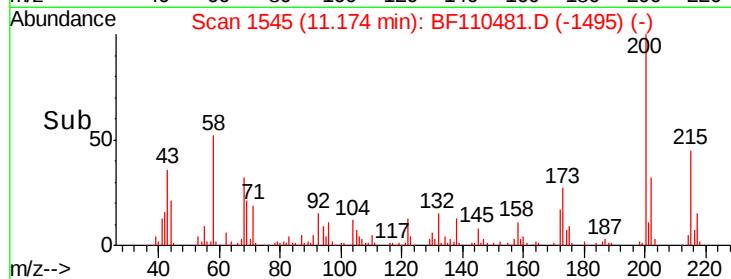
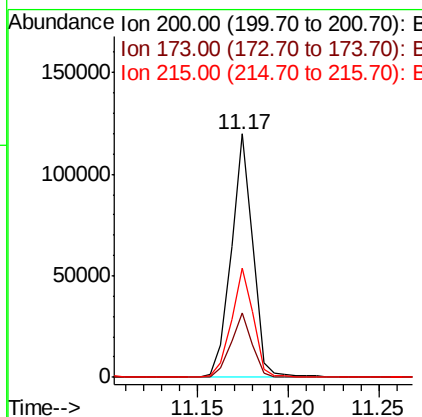
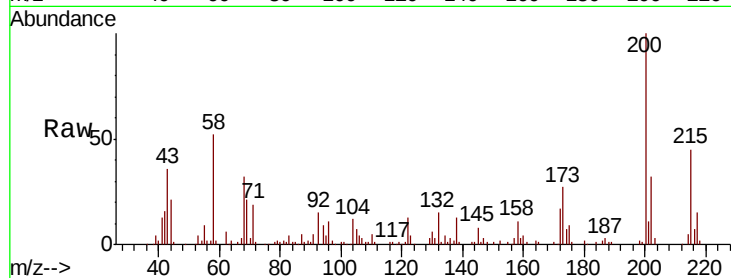




#69
 Atrazine
 Concen: 42.027 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

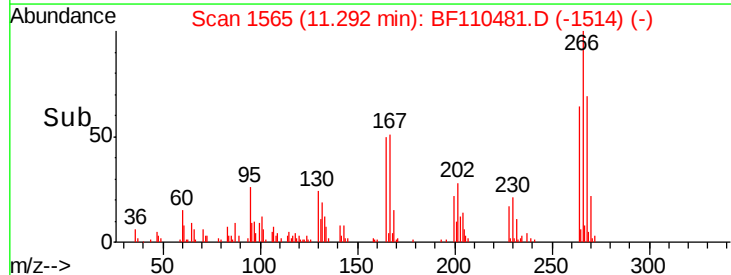
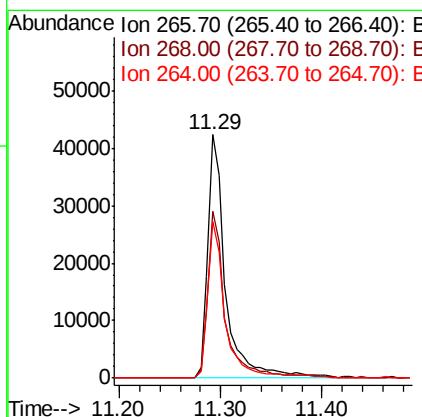
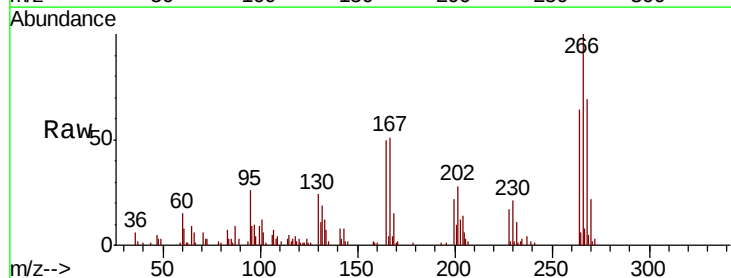
Instrument :
 BNA_F
 ClientSampleId :

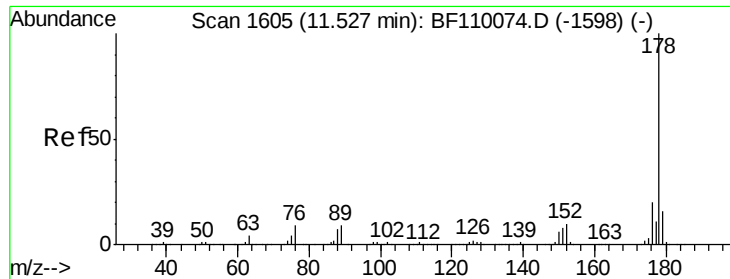
Tgt Ion:200 Resp: 99502
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.6 46.6
 215 45.0 26.3 66.3



#70
 Pentachlorophenol
 Concen: 33.780 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Tgt Ion:266 Resp: 51780
 Ion Ratio Lower Upper
 266 100
 268 68.6 50.6 75.8
 264 64.1 50.6 75.8

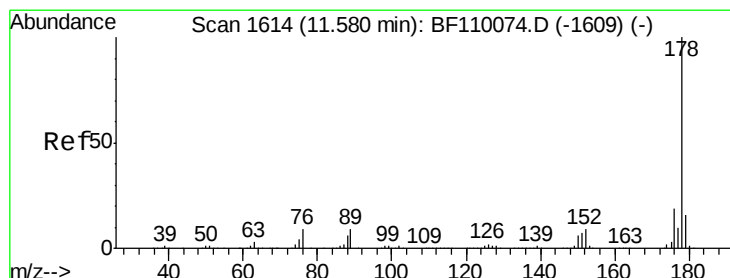
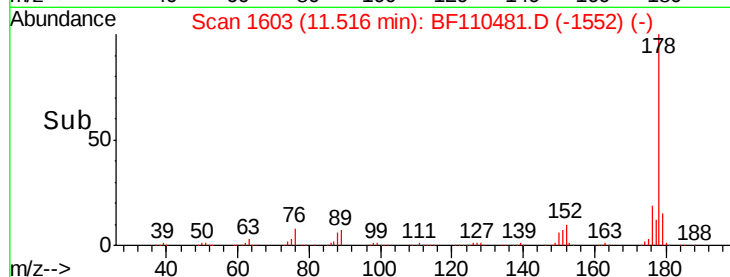
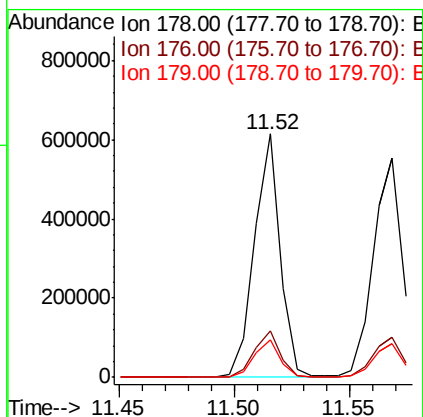
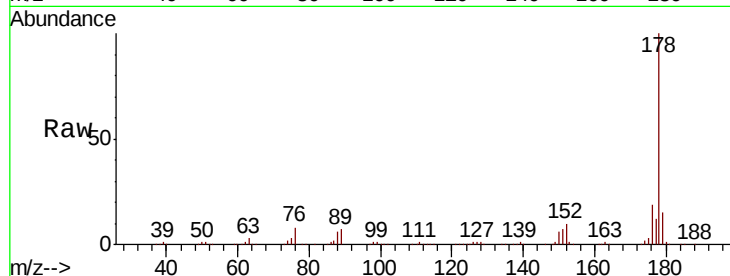




#71
Phenanthrene
Concen: 40.398 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

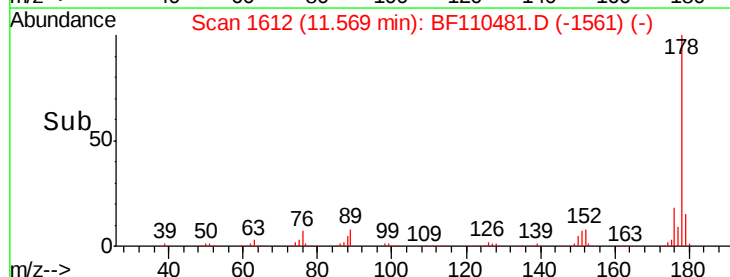
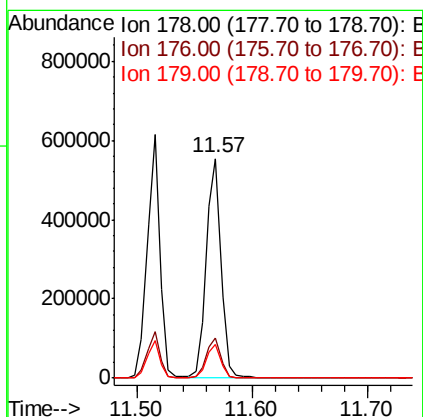
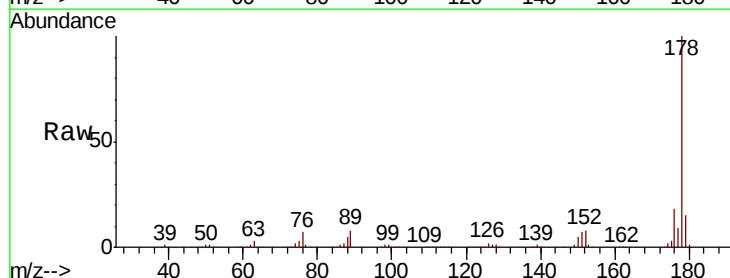
Instrument :
BNA_F
ClientSampleId :

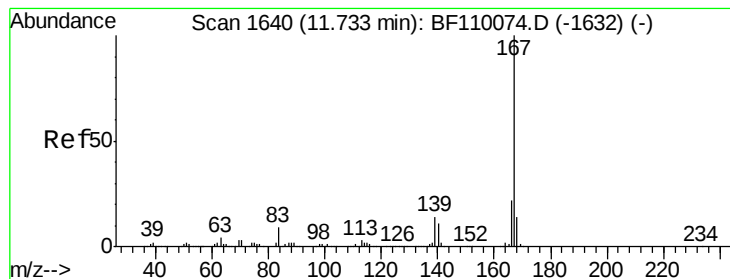
Tgt Ion:178 Resp: 482811
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.4 12.5 18.7



#72
Anthracene
Concen: 41.514 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion:178 Resp: 497313
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.1 12.6 18.8





#73

Carbazole

Concen: 39.633 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

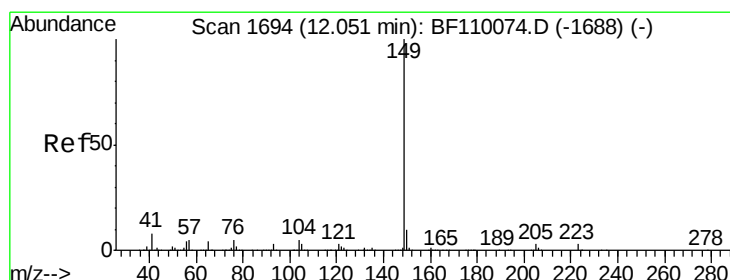
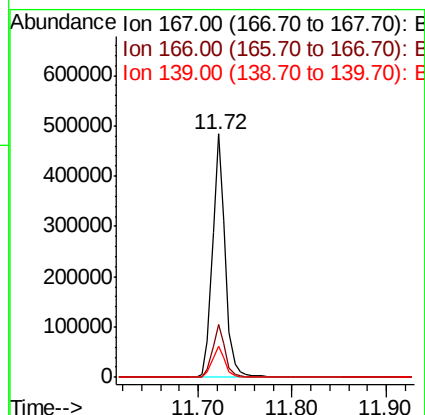
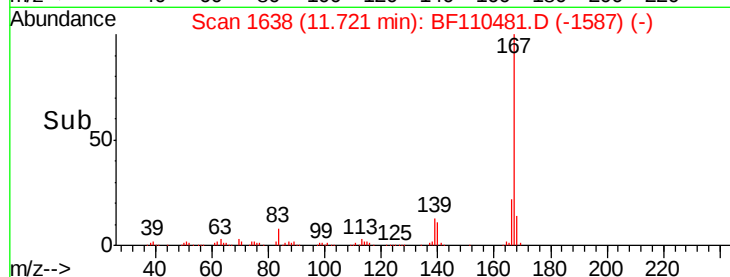
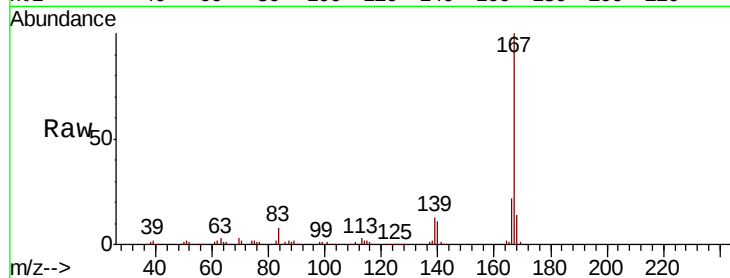
Tgt Ion:167 Resp: 463567

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 12.8 10.9 16.3



#74

Di-n-butylphthalate

Concen: 45.185 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

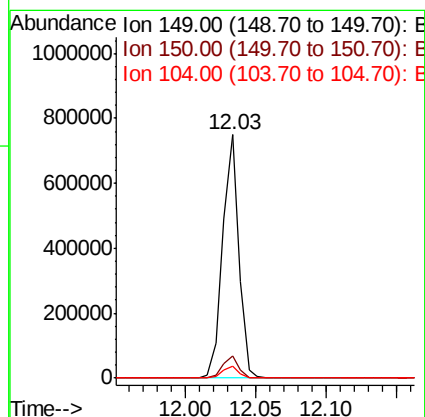
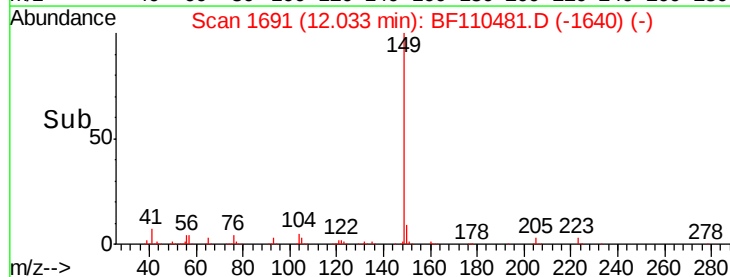
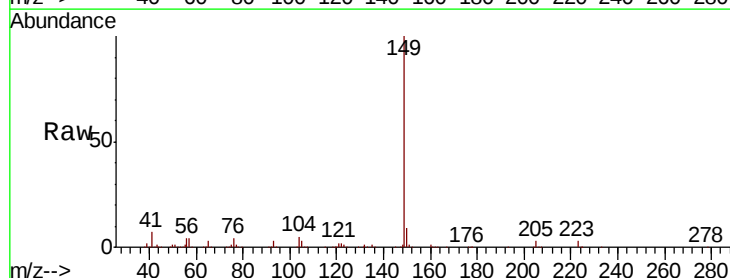
Tgt Ion:149 Resp: 596899

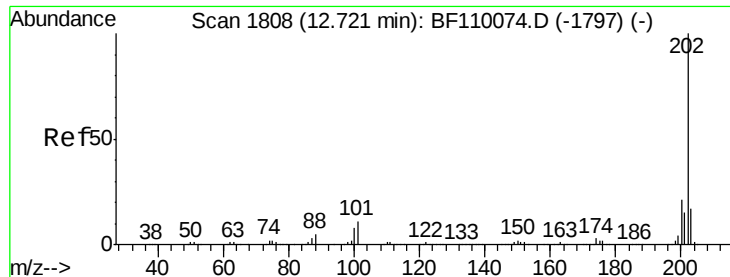
Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

104 4.9 4.2 6.4

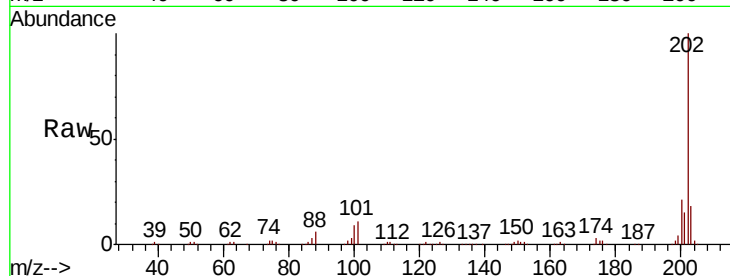




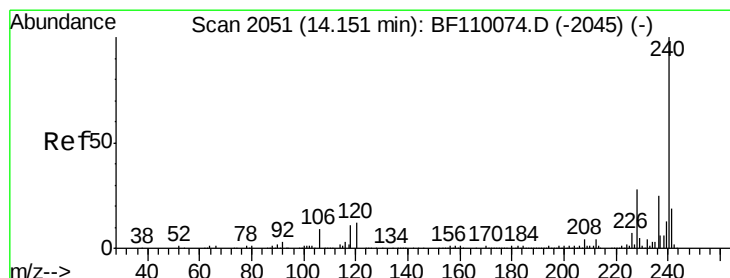
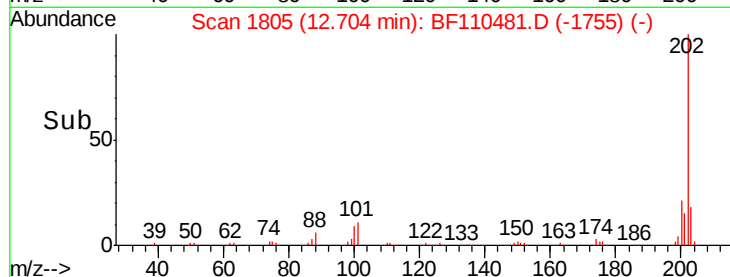
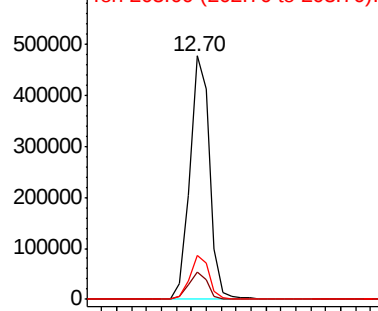
#75
 Fluoranthene
 Concen: 36.529 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.9	0.0	37.7

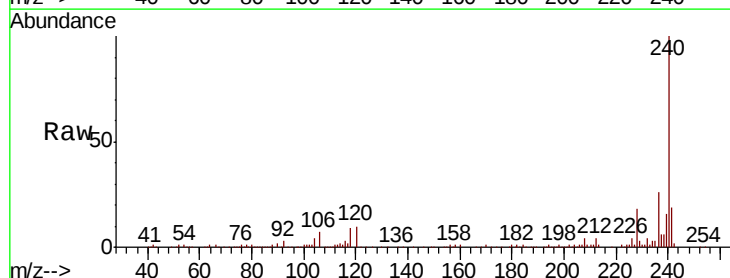


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

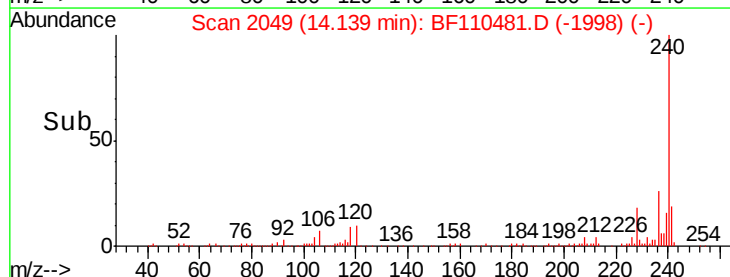
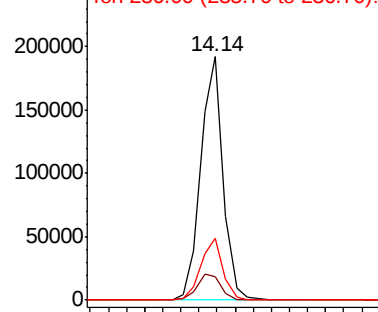


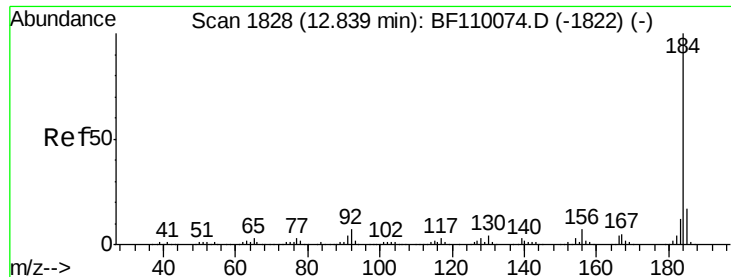
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110481.D
 Acq: 5 Nov 2018 23:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	25.6	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.045 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

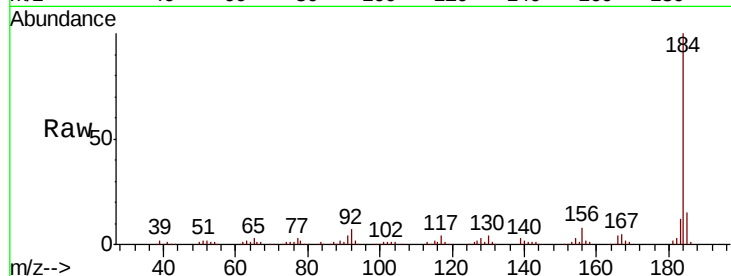
Tgt Ion:184 Resp: 204238

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.2

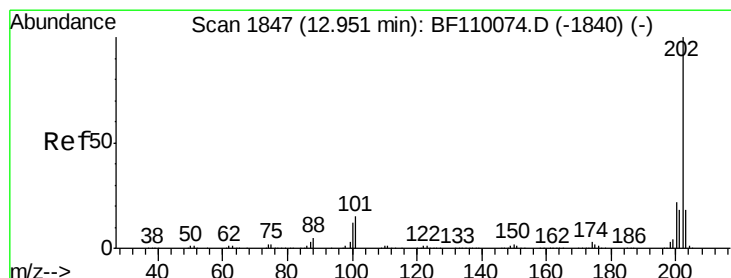
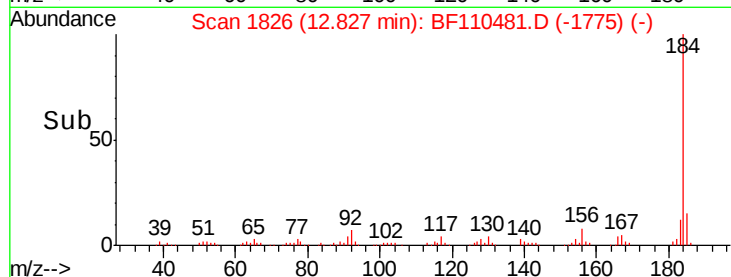
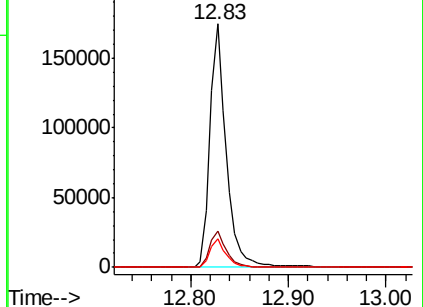
183 11.6 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.691 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

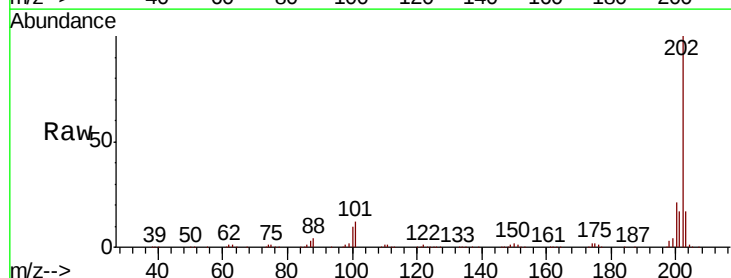
Tgt Ion:202 Resp: 454724

Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

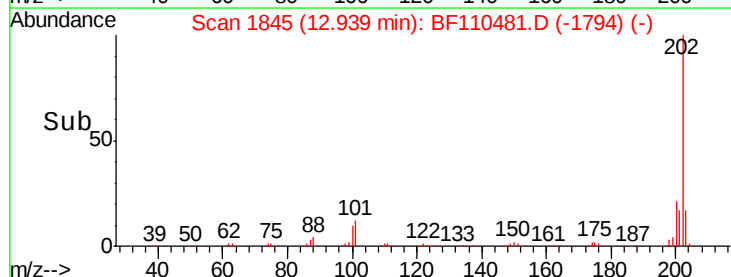
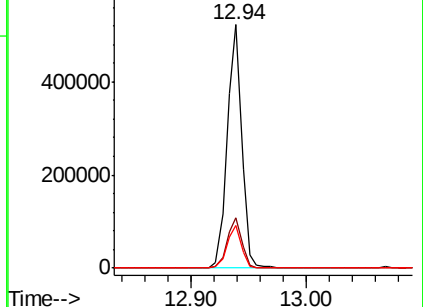
203 17.3 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.550 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

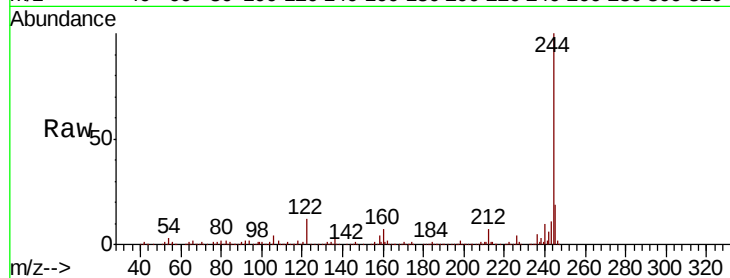
Tgt Ion:244 Resp: 650709

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

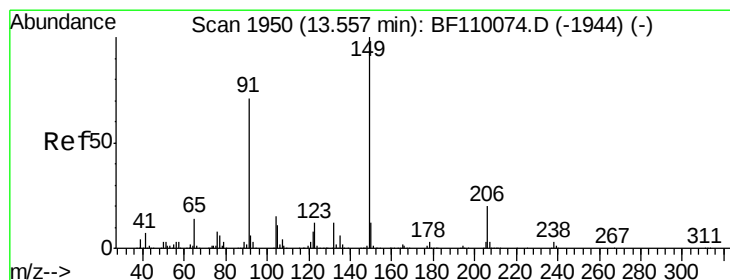
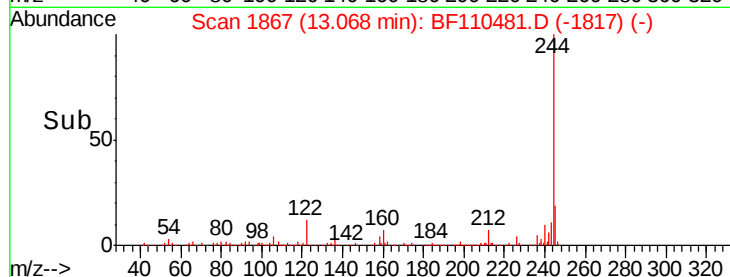
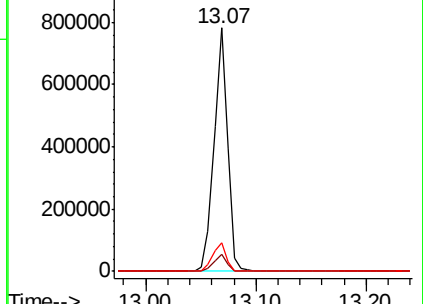
122 12.0 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.316 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

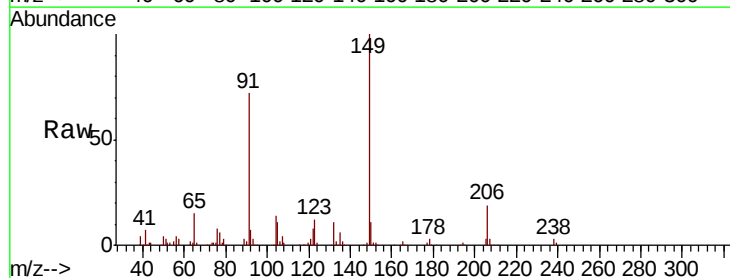
Tgt Ion:149 Resp: 210761

Ion Ratio Lower Upper

149 100

91 72.0 57.2 85.8

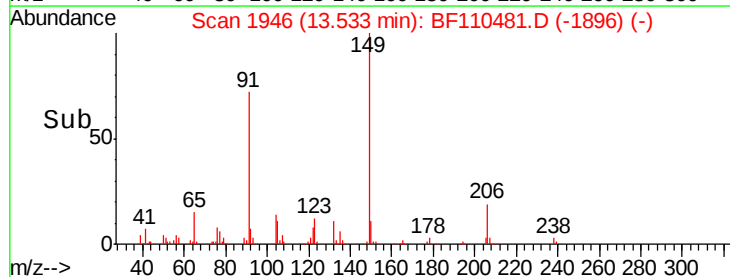
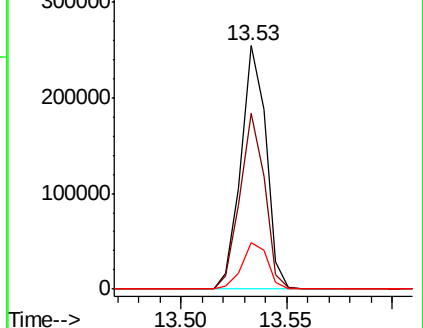
206 18.9 15.7 23.5

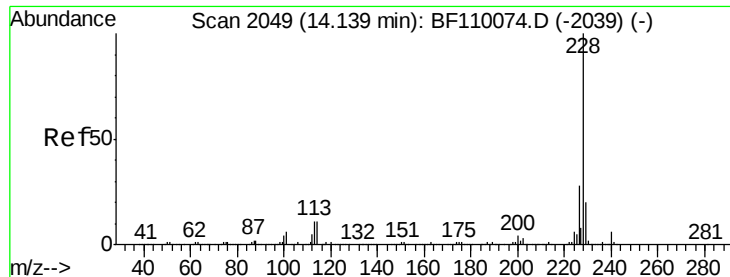


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.330 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

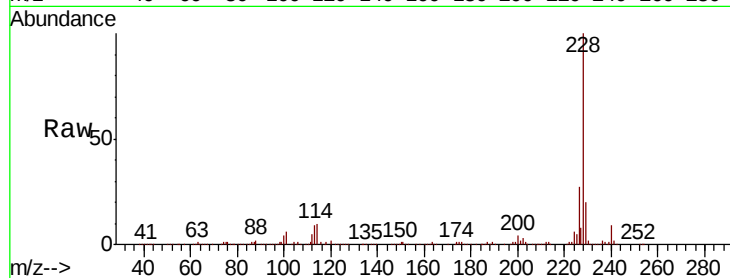
Tgt Ion:228 Resp: 392079

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.6 15.6 23.4

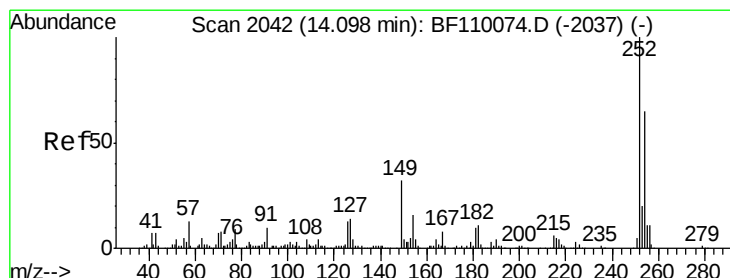
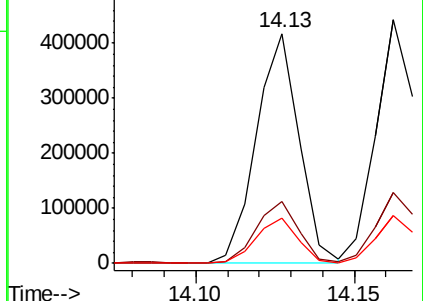
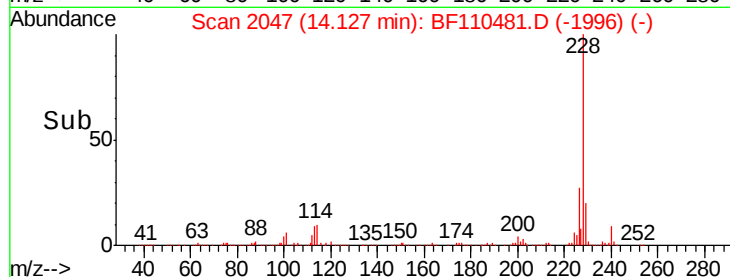


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.508 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

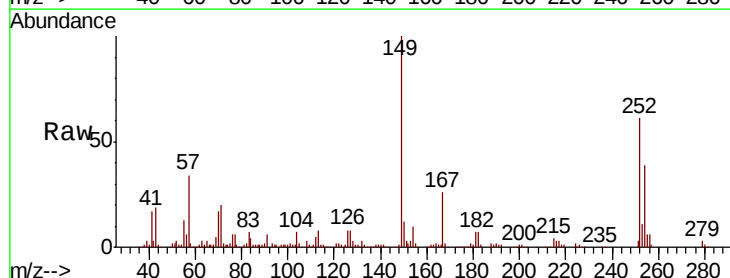
Tgt Ion:252 Resp: 140515

Ion Ratio Lower Upper

252 100

254 63.6 51.3 76.9

126 13.5 9.4 14.2

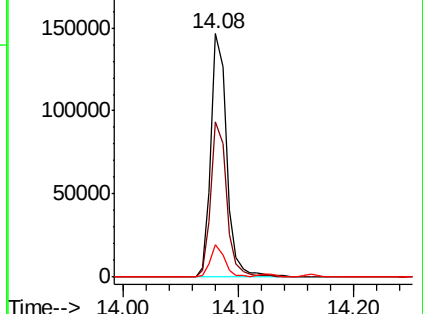
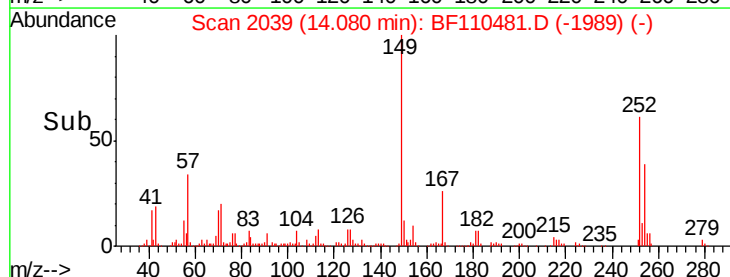


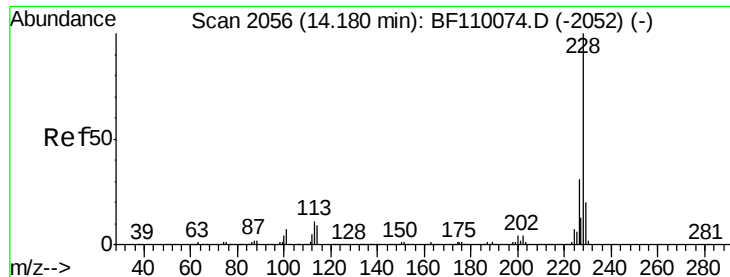
Abundance

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: 41.203 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampled :

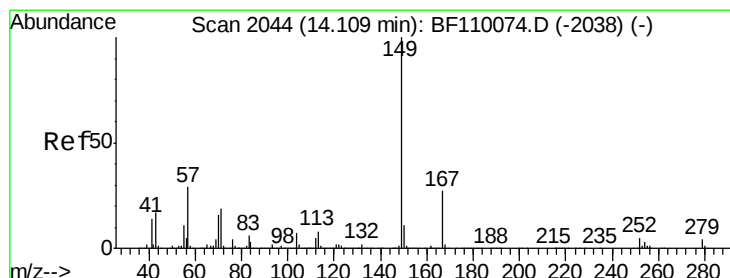
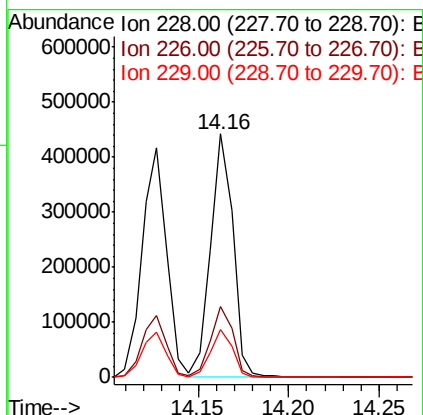
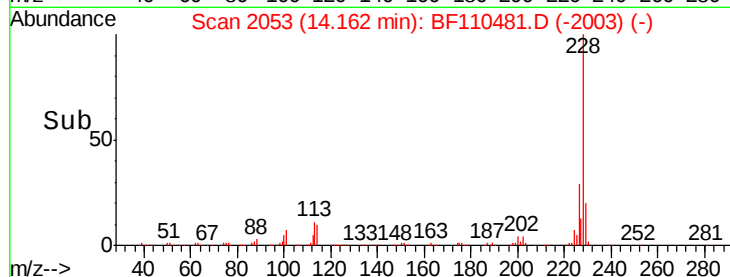
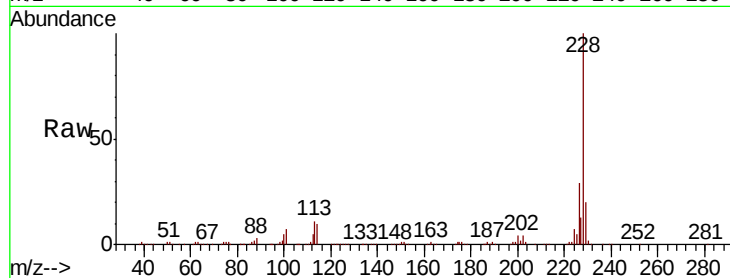
Tgt Ion:228 Resp: 380460

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.416 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

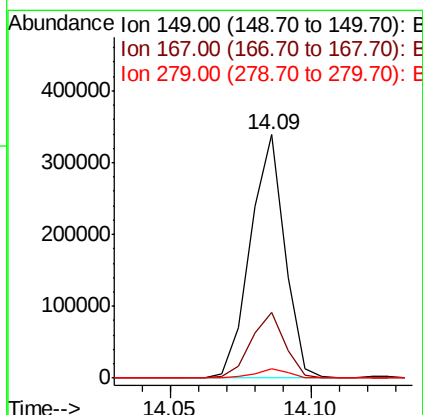
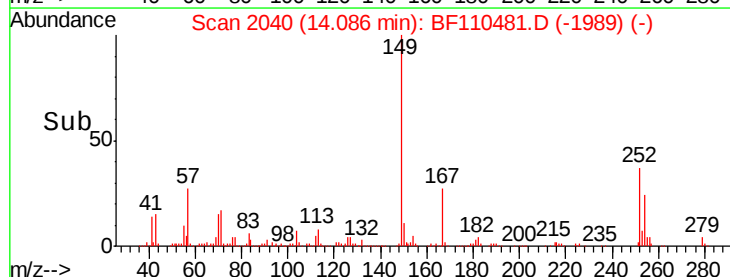
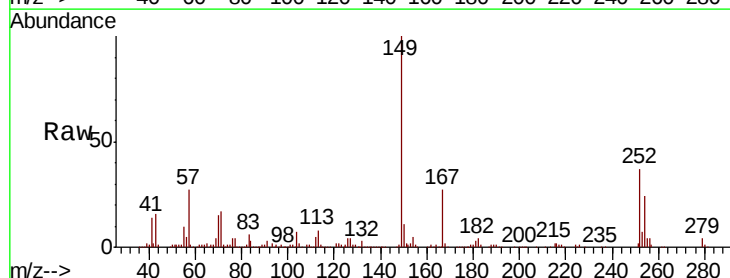
Tgt Ion:149 Resp: 285595

Ion Ratio Lower Upper

149 100

167 26.8 19.8 29.8

279 3.6 2.7 4.1

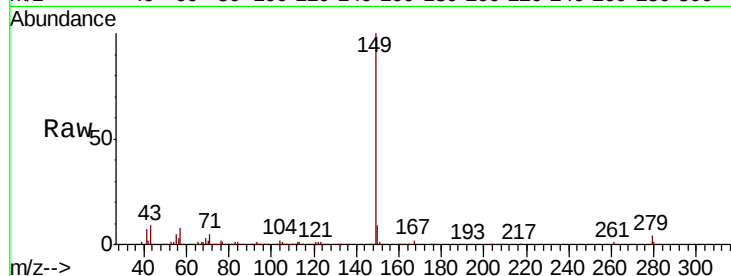




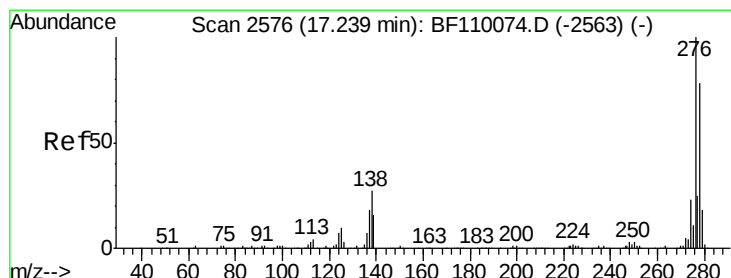
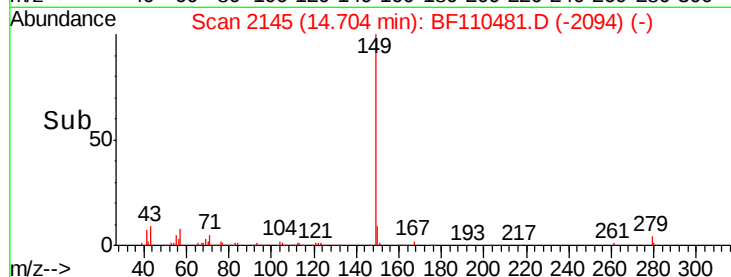
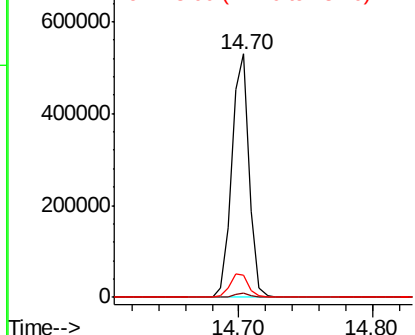
#85
Di-n-octyl phthalate
Concen: 45.194 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.1	7.8	11.8

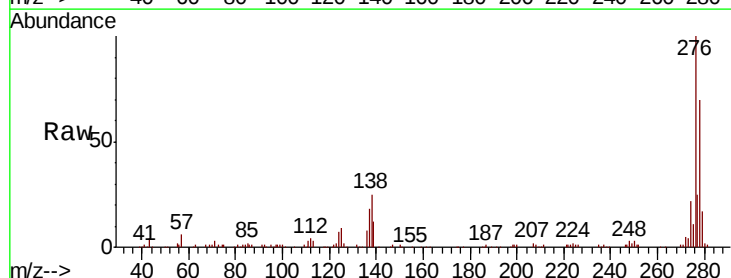


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

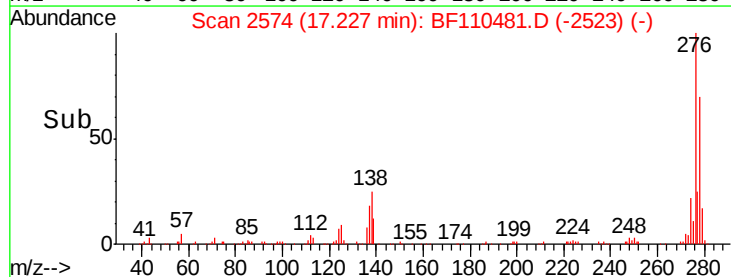
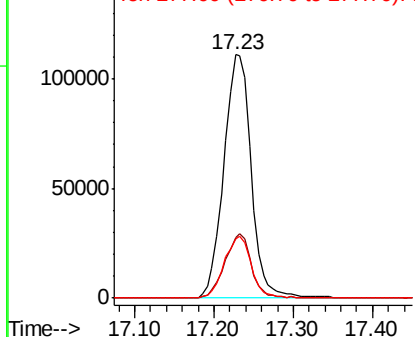


#86
Indeno(1,2,3-cd)pyrene
Concen: 34.610 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	18.5	27.7
277	25.0	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: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

Instrument :

BNA_F

ClientSampleId :

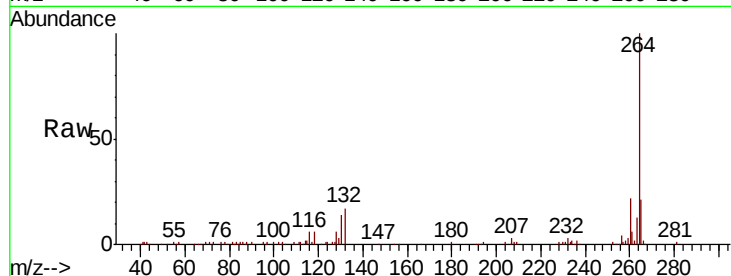
Tgt Ion:264 Resp: 127993

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

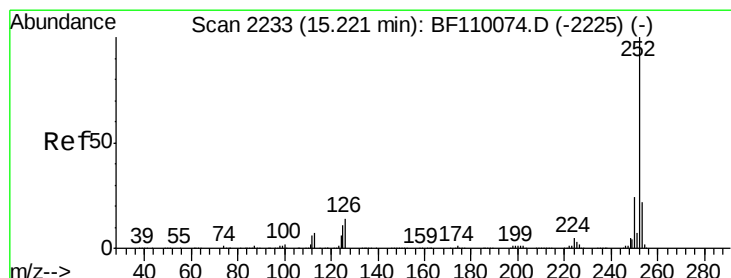
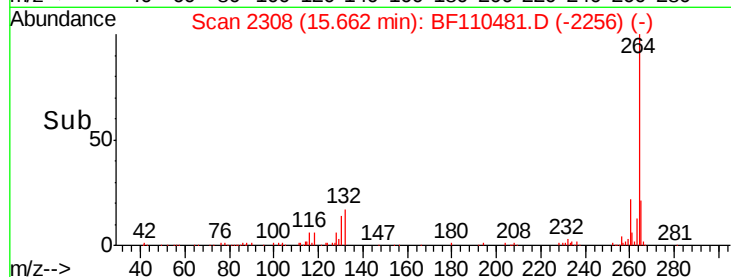
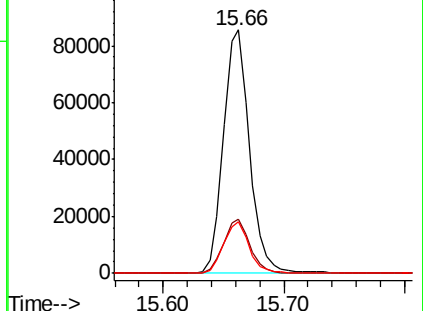
265 21.2 16.7 25.1



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: 42.180 ng

RT: 15.20 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BF110481.D

Acq: 5 Nov 2018 23:27

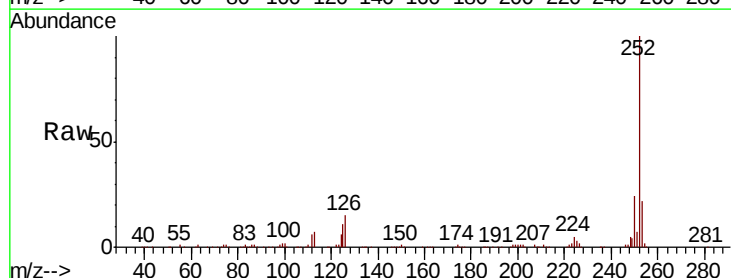
Tgt Ion:252 Resp: 311755

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

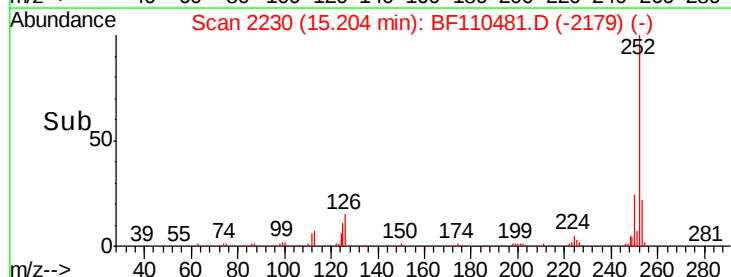
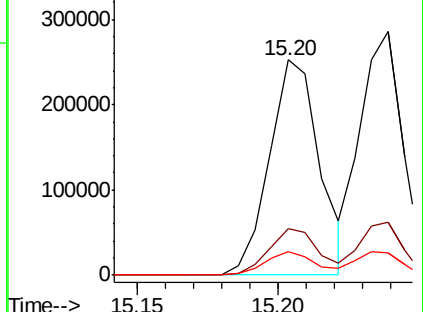
125 10.7 8.2 12.4

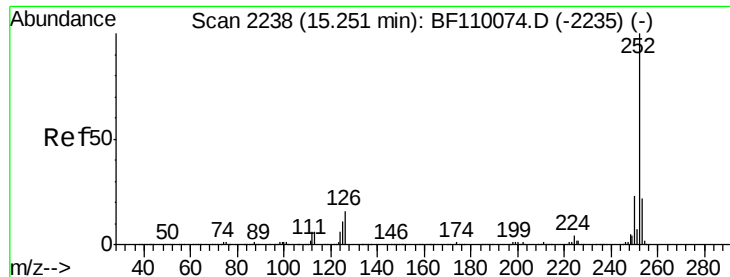


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

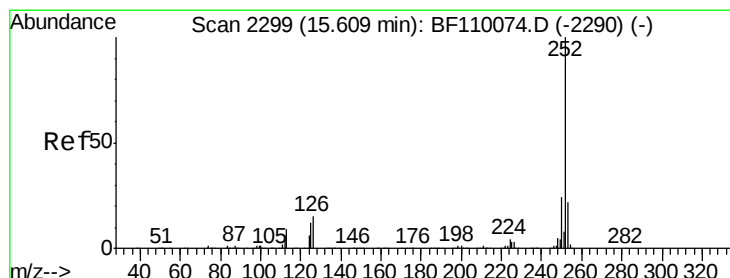
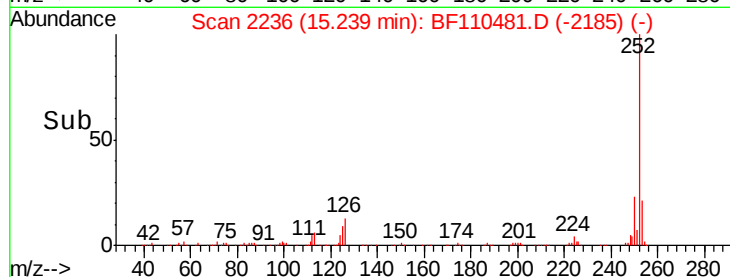
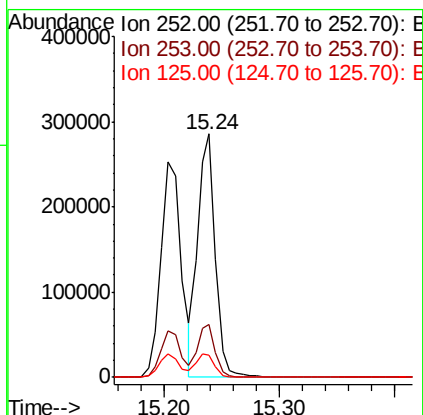
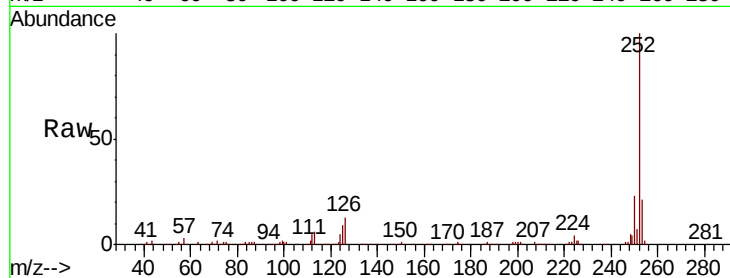




#89
Benzo(k)fluoranthene
Concen: 42.437 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

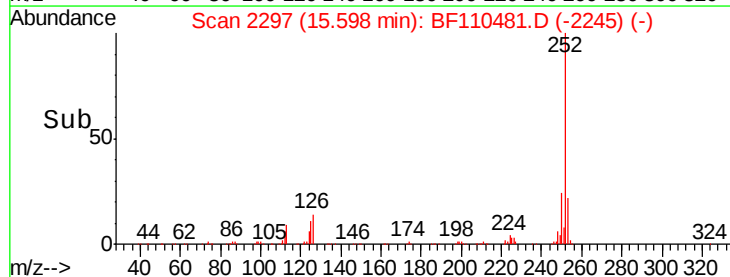
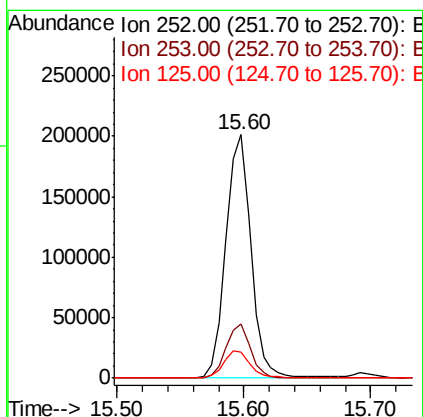
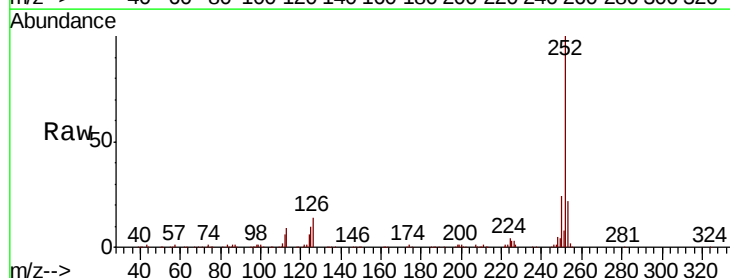
Instrument :
BNA_F
ClientSampleId :

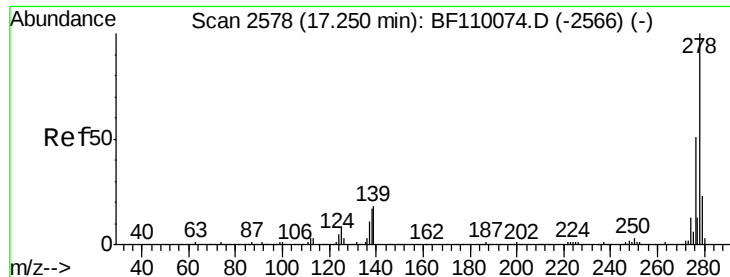
Tgt Ion:252 Resp: 308355
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 9.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.688 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion:252 Resp: 276720
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 10.5 9.0 13.6

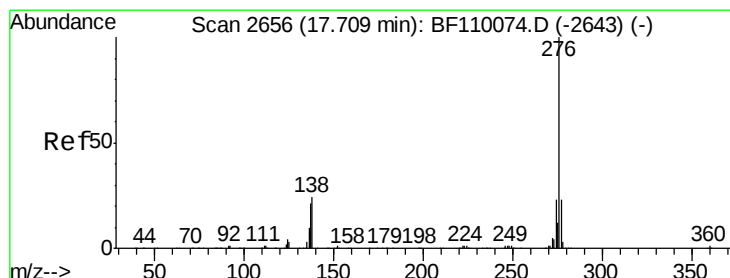
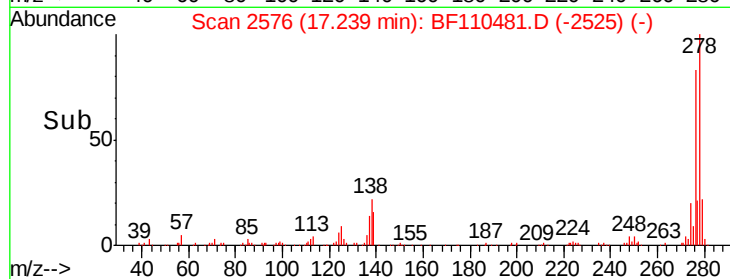
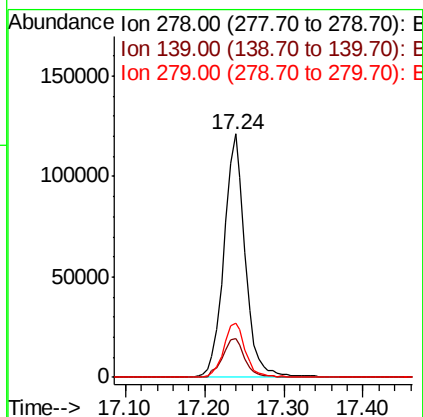
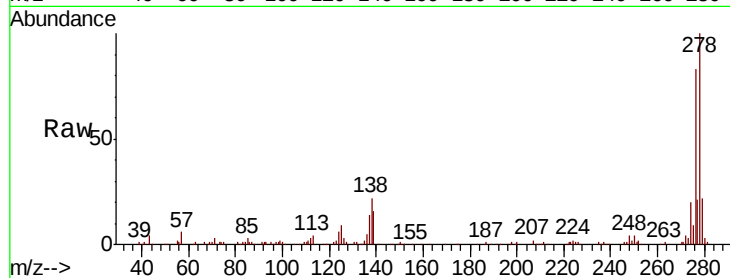




#91
Dibenzo(a,h)anthracene
Concen: 38.271 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	22.4	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 36.690 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BF110481.D
Acq: 5 Nov 2018 23:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.4	16.0	24.0

