

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110090.D
 Acq On : 23 Oct 2018 21:04
 Operator : JU/SJ
 Sample : J5164-03
 Misc : MDL 8PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:55:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	178549	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	753952	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	370615	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	713606	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	593804	20.00	ng	-0.02
87) Perylene-d12	15.67	264	508609	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1405123	128.15	ng	-0.01
7) Phenol-d6	6.59	99	1771008	126.28	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1044870	82.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	469658	127.93	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1888452	80.01	ng	-0.01
79) Terphenyl-d14	13.09	244	1985847	69.55	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	39361	6.852	ng	92
3) Pyridine	3.66	79	98113	7.668	ng	91
4) n-Nitrosodimethylamine	3.55	42	46416	8.659	ng	# 98
6) Aniline	6.63	93	141475	7.744	ng	# 54
8) 2-Chlorophenol	6.75	128	102264	8.090	ng	97
9) Benzaldehyde	6.52	77	66548	6.010	ng	96
10) Phenol	6.60	94	122439	8.168	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	100724	8.167	ng	97
12) 1,3-Dichlorobenzene	6.90	146	113377	8.150	ng	96
13) 1,4-Dichlorobenzene	6.98	146	114667	8.150	ng	100
14) 1,2-Dichlorobenzene	7.13	146	105752	8.097	ng	98
15) Benzyl Alcohol	7.10	79	100017	9.273	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.23	45	162976	8.265	ng	67
17) 2-Methylphenol	7.20	107	83815	8.320	ng	# 81
18) Hexachloroethane	7.47	117	41376	8.033	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	72615	8.071	ng	93
20) 3+4-Methylphenols	7.35	107	110095	8.454	ng	# 84
22) Acetophenone	7.37	105	149306	8.594	ng	# 98
24) Nitrobenzene	7.55	77	109747	8.363	ng	91
25) Isophorone	7.77	82	199326	9.199	ng	99
26) 2-Nitrophenol	7.86	139	47406	7.591	ng	96
27) 2,4-Dimethylphenol	7.89	122	91581	8.845	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	127228	8.643	ng	99
29) 2,4-Dichlorophenol	8.10	162	86276	8.248	ng	95
30) 1,2,4-Trichlorobenzene	8.19	180	94596	8.073	ng	92
31) Naphthalene	8.27	128	317546	9.138	ng	99
32) Benzoic acid	7.96	122	40179	5.021	ng	96
33) 4-Chloroaniline	8.32	127	111096	7.104	ng	96
34) Hexachlorobutadiene	8.38	225	50975	7.835	ng	96
35) Caprolactam	8.65	113	26936	7.388	ng	92
36) 4-Chloro-3-methylphenol	8.78	107	92189	8.150	ng	96
37) 2-Methylnaphthalene	8.96	142	217739	9.471	ng	97
38) 1-Methylnaphthalene	9.06	142	202611	9.119	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	91035	7.883	ng	99

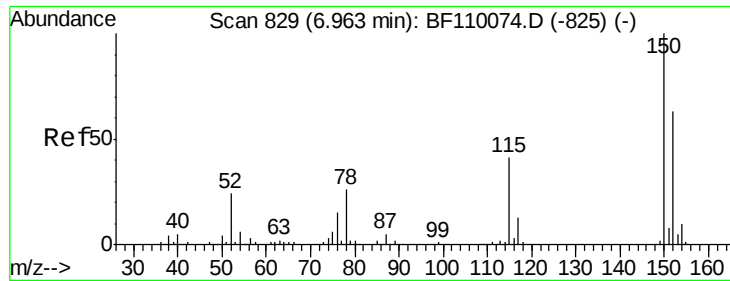
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	46664	7.903	ng	99
43) 2,4,6-Trichlorophenol	9.23	196	59028	7.925	ng	97
44) 2,4,5-Trichlorophenol	9.27	196	64499	8.193	ng	94
46) 1,1'-Biphenyl	9.42	154	269357	8.037	ng	100
47) 2-Chloronaphthalene	9.45	162	206304	8.392	ng	98
48) 2-Nitroaniline	9.55	65	60765	8.157	ng	91
49) Acenaphthylene	9.87	152	322060	9.070	ng	98
50) Dimethylphthalate	9.72	163	232059	8.482	ng	100
51) 2,6-Dinitrotoluene	9.78	165	49587	8.415	ng	94
52) Acenaphthene	10.04	154	202777	8.632	ng	98
53) 3-Nitroaniline	9.95	138	48693	6.948	ng	92
54) 2,4-Dinitrophenol	10.06	184	13249	10.473	ng	87
55) Dibenzofuran	10.21	168	281943	8.573	ng	97
56) 4-Nitrophenol	10.10	139	41895	8.077	ng	91
57) 2,4-Dinitrotoluene	10.19	165	65356	8.731	ng	# 83
58) Fluorene	10.56	166	229009	9.356	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.28	232	47528	7.406	ng	98
60) Diethylphthalate	10.42	149	226584	8.484	ng	100
61) 4-Chlorophenyl-phenylether	10.55	204	107556	8.330	ng	97
62) 4-Nitroaniline	10.56	138	56189	8.062	ng	92
63) Azobenzene	10.70	77	231345	8.727	ng	98
65) 4,6-Dinitro-2-methylphenol	10.59	198	20515	6.292	ng	89
66) n-Nitrosodiphenylamine	10.66	169	197460	8.436	ng	96
67) 4-Bromophenyl-phenylether	11.03	248	64508	8.334	ng	# 91
68) Hexachlorobenzene	11.10	284	67474	8.216	ng	98
69) Atrazine	11.18	200	63465	8.580	ng	95
70) Pentachlorophenol	11.30	266	27575	5.758	ng	94
71) Phenanthrene	11.52	178	350307	9.382	ng	100
72) Anthracene	11.57	178	357835	9.561	ng	99
73) Carbazole	11.73	167	308116	8.432	ng	99
74) Di-n-butylphthalate	12.05	149	365783	8.863	ng	99
75) Fluoranthene	12.72	202	360063	9.502	ng	98
77) Benzidine	12.83	184	97390	4.001	ng	96
78) Pyrene	12.95	202	357455	8.397	ng	98
80) Butylbenzylphthalate	13.55	149	146532	7.930	ng	99
81) Benzo(a)anthracene	14.13	228	316412	8.985	ng	100
82) 3,3'-Dichlorobenzidine	14.09	252	84019	6.852	ng	96
83) Chrysene	14.17	228	300638	8.989	ng	98
84) Bis(2-ethylhexyl)phthalate	14.10	149	212707	8.516	ng	97
85) Di-n-octyl phthalate	14.72	149	335718	8.644	ng	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	236361	8.518	ng	# 95
88) Benzo(b)fluoranthene	15.21	252	263348	8.966	ng	98
89) Benzo(k)fluoranthene	15.24	252	266223	9.220	ng	98
90) Benzo(a)pyrene	15.60	252	246580	9.124	ng	97
91) Dibenzo(a,h)anthracene	17.23	278	195170	8.370	ng	96
92) Benzo(g,h,i)perylene	17.69	276	187594	8.164	ng	97

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

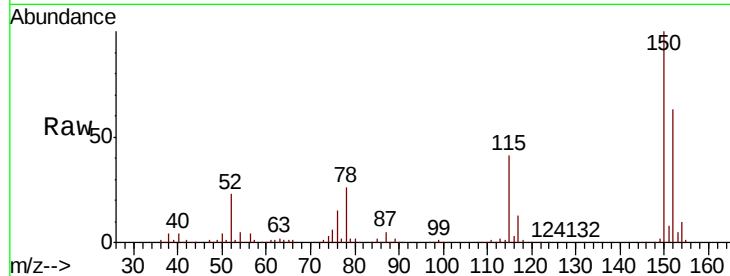


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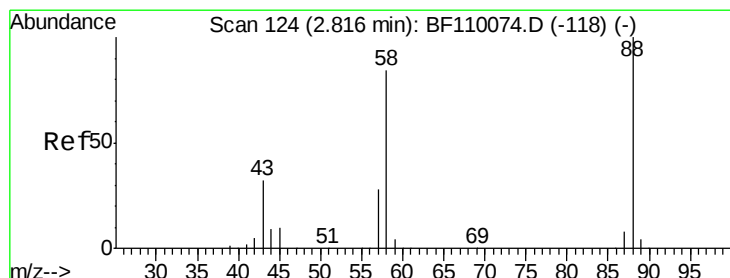
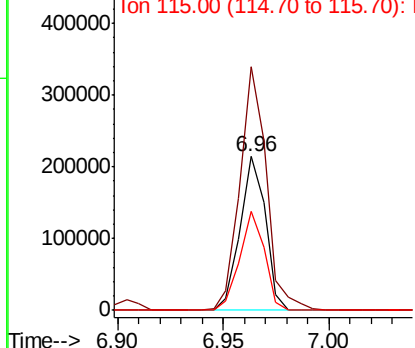
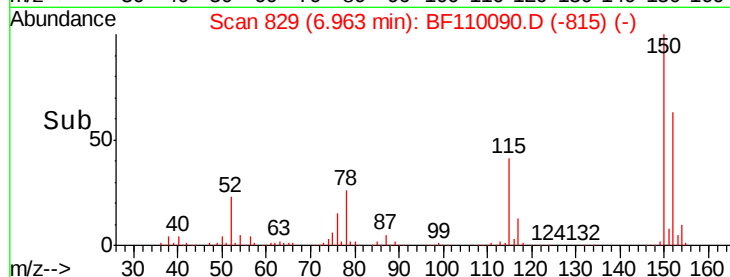
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 178549
Ion Ratio Lower Upper
152 100
150 158.5 122.7 184.1
115 64.5 49.1 73.7



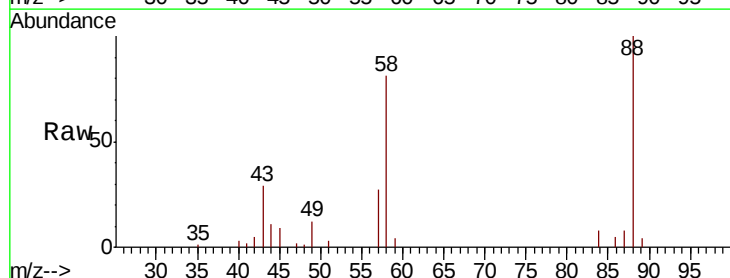
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



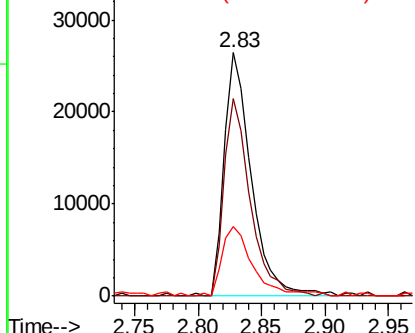
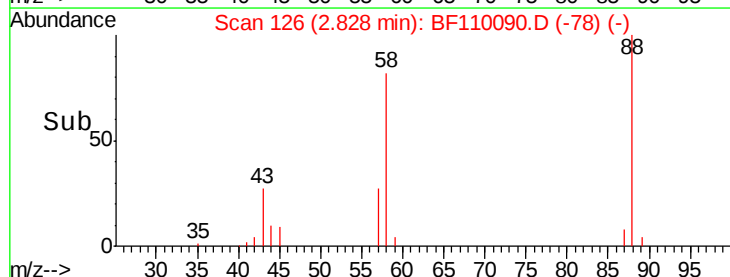
#2

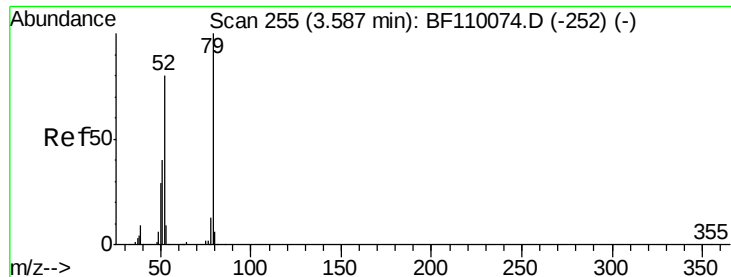
1,4-Dioxane
Concen: 6.852 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion: 88 Resp: 39361
Ion Ratio Lower Upper
88 100
58 78.4 57.1 85.7
43 32.9 24.1 36.1



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





#3

Pvridine

Concen: 7.668 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.04 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

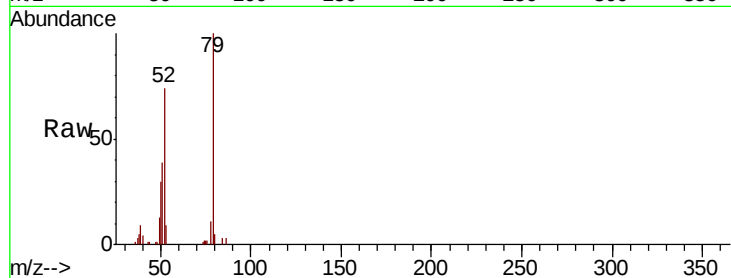
Tot Ion: 79 Resp: 98113

Ion Ratio Lower Upper

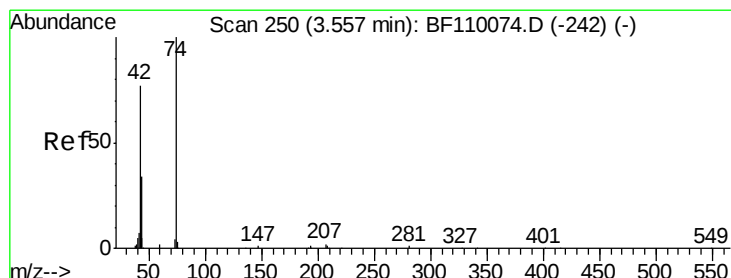
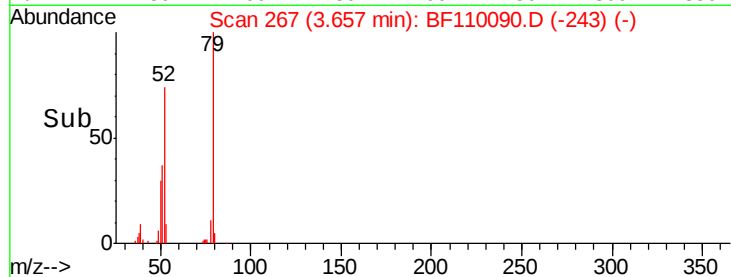
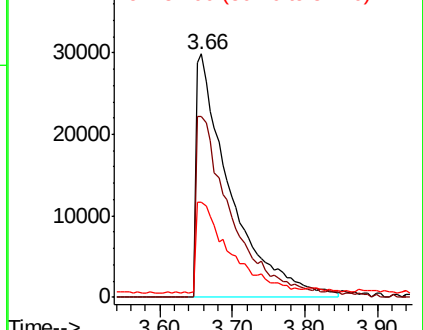
79 100

52 74.2 53.1 79.7

51 39.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 8.659 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.04 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

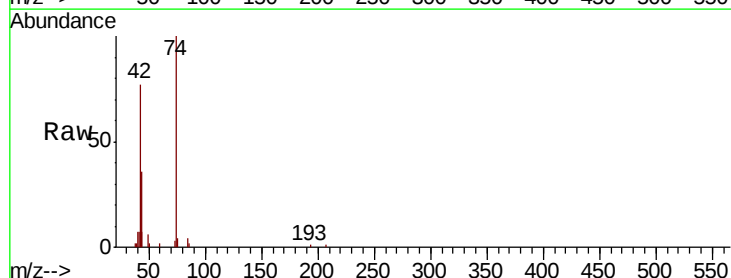
Tgt Ion: 42 Resp: 46416

Ion Ratio Lower Upper

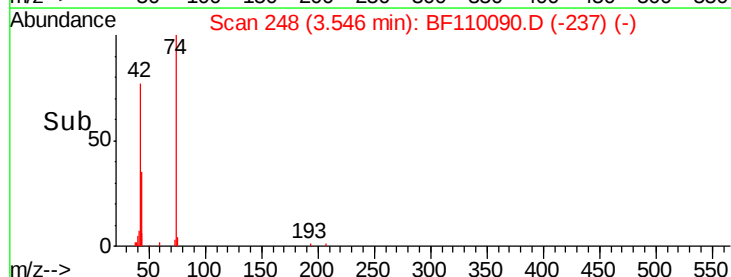
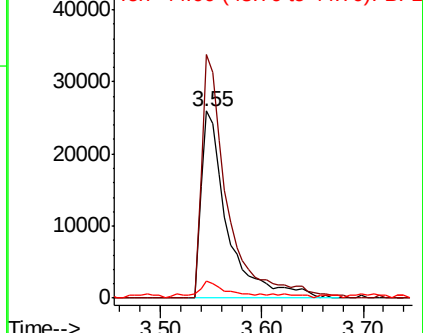
42 100

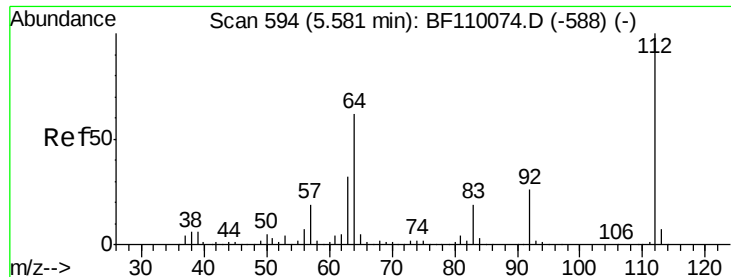
74 130.0 105.5 158.3

44 9.4 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 128.154 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

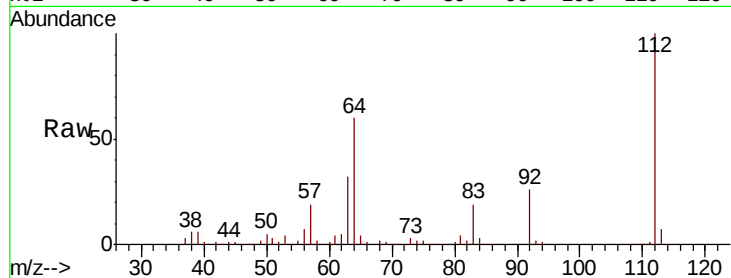
Tot Ion:112 Resp: 1405123

Ion Ratio Lower Upper

112 100

64 60.4 44.1 66.1

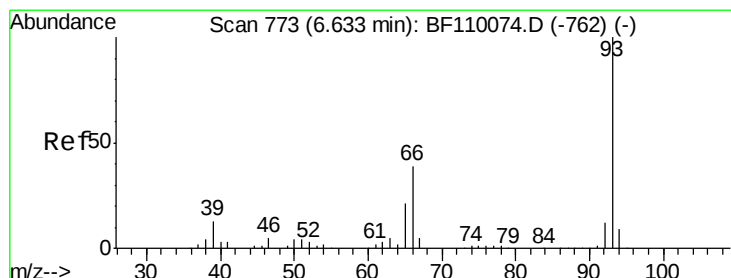
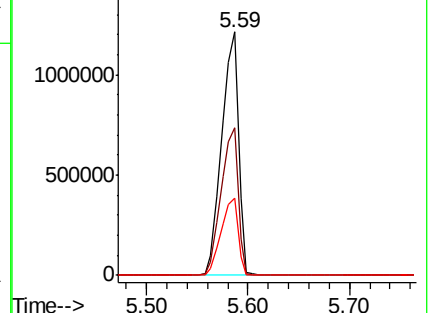
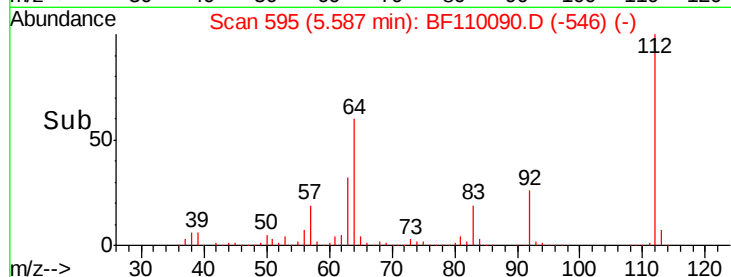
63 31.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.744 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

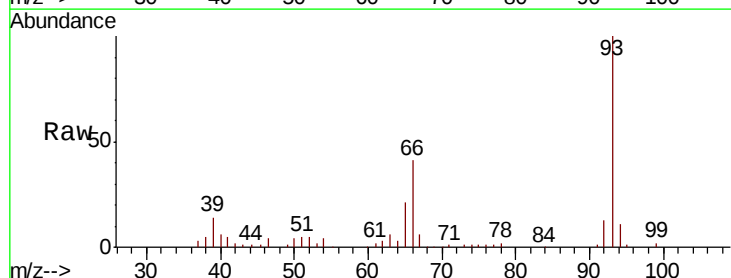
Tgt Ion: 93 Resp: 141475

Ion Ratio Lower Upper

93 100

66 40.5 67.4 101.0#

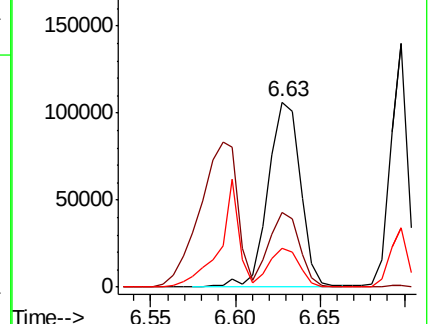
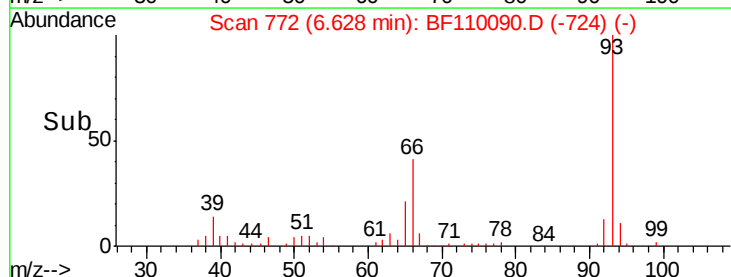
65 20.9 41.0 61.4#

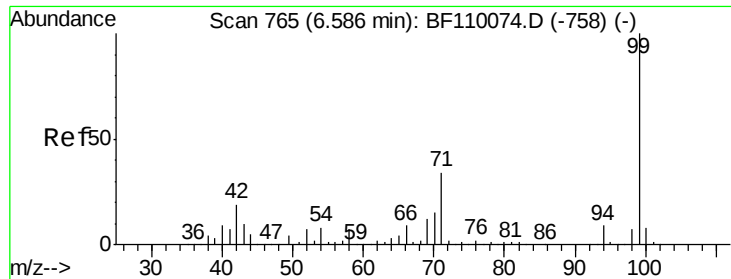


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.282 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

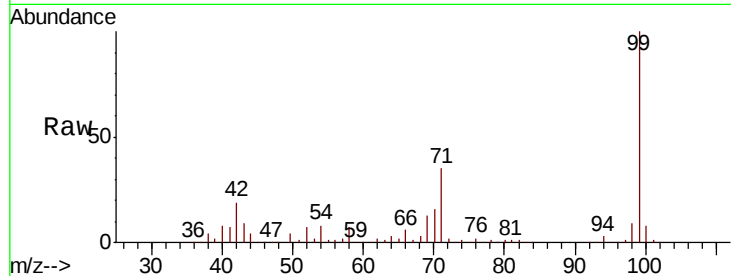
Tot Ion: 99 Resp: 1771008

Ion Ratio Lower Upper

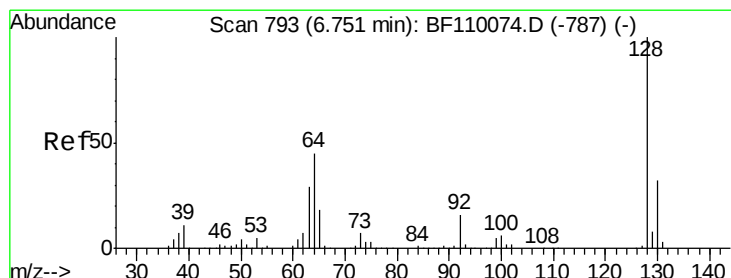
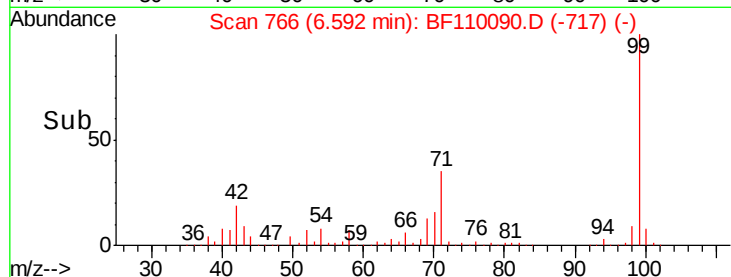
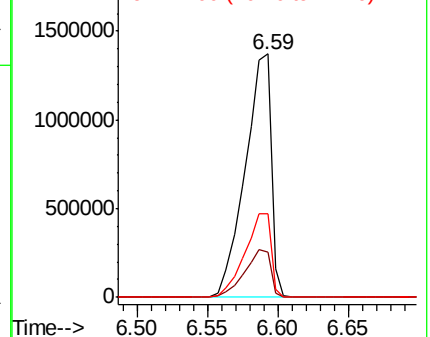
99 100

42 18.8 15.8 23.6

71 34.5 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: 8.090 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

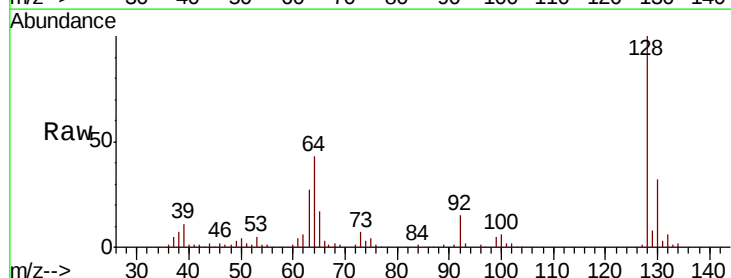
Tgt Ion:128 Resp: 102264

Ion Ratio Lower Upper

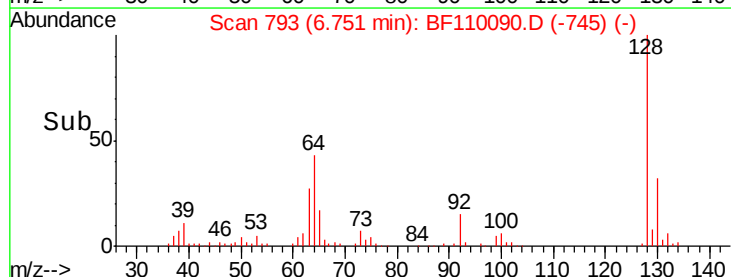
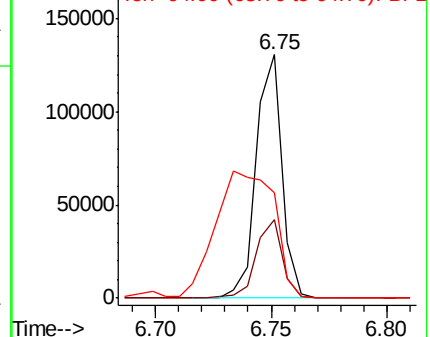
128 100

130 32.5 13.1 53.1

64 43.1 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: 6.010 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampled :

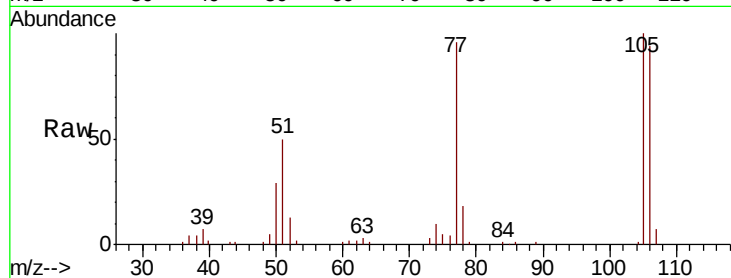
Tot Ion: 77 Resp: 66548

Ion Ratio Lower Upper

77 100

105 104.1 78.6 118.6

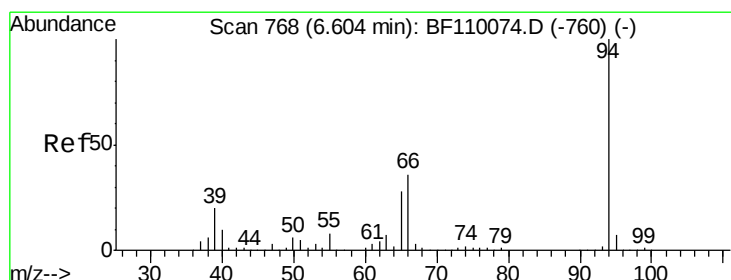
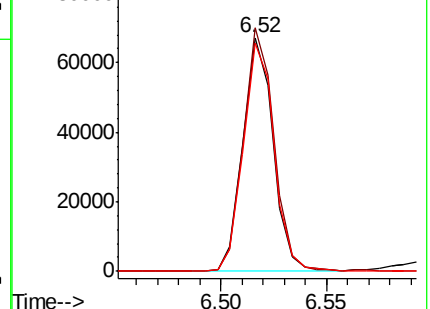
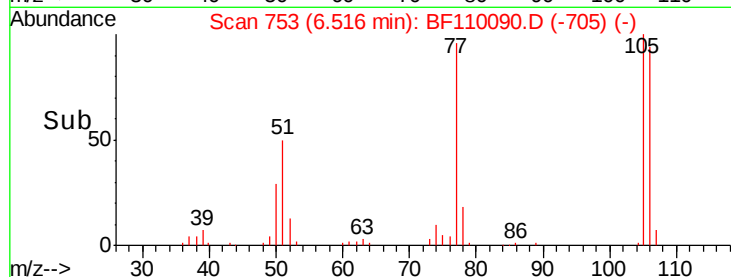
106 97.7 74.8 114.8



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: 8.168 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

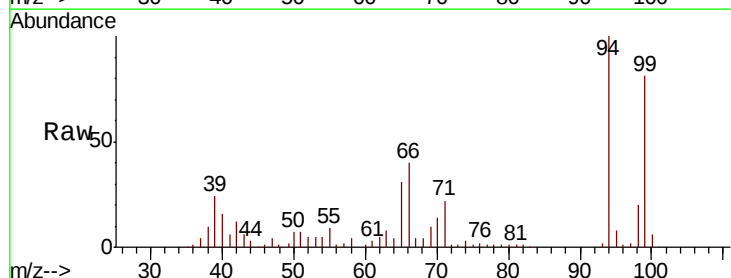
Tgt Ion: 94 Resp: 122439

Ion Ratio Lower Upper

94 100

65 30.7 25.3 65.3

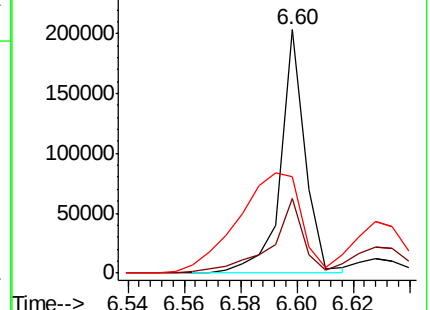
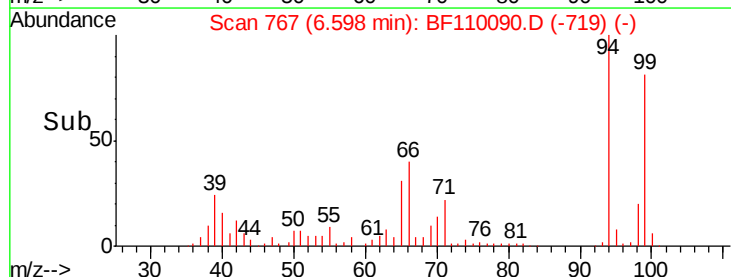
66 39.7 54.5 94.5#

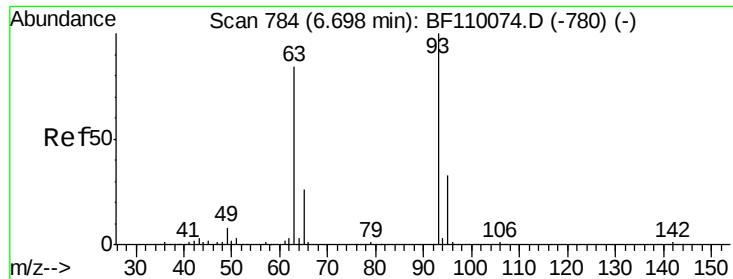


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

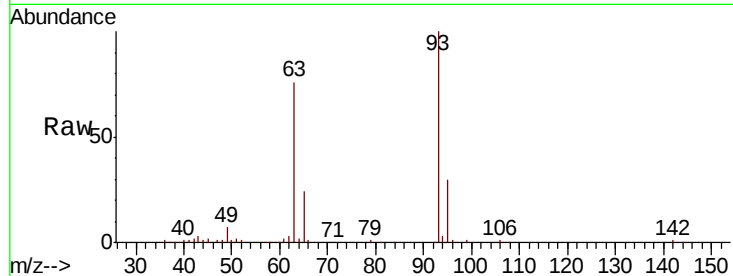




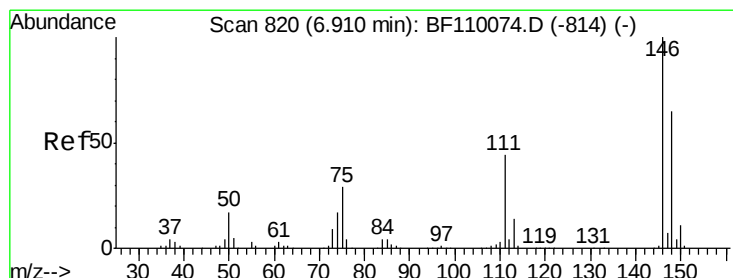
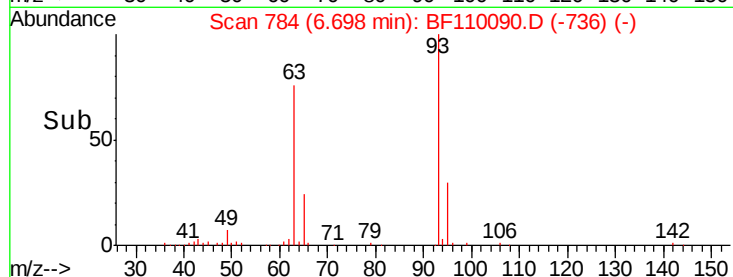
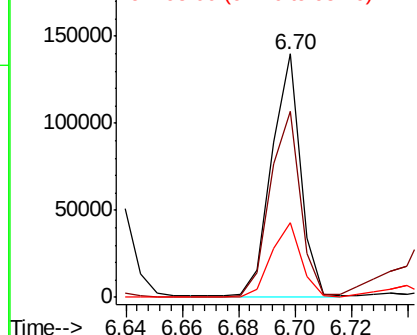
#11
bis(2-Chloroethyl)ether
Concen: 8.167 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 100724
Ion Ratio Lower Upper
93 100
63 76.2 53.4 93.4
95 30.4 12.1 52.1

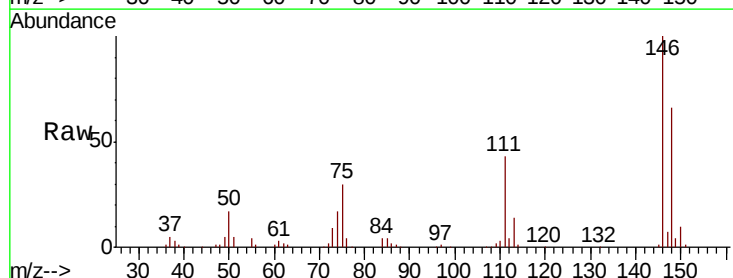


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

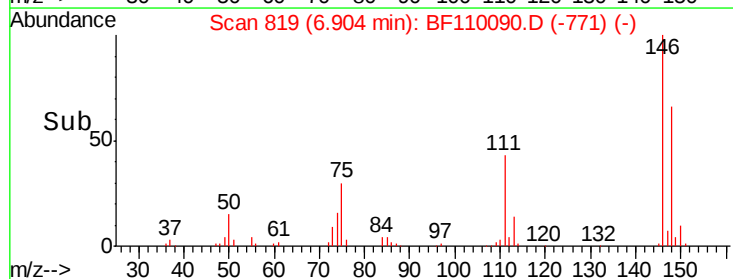
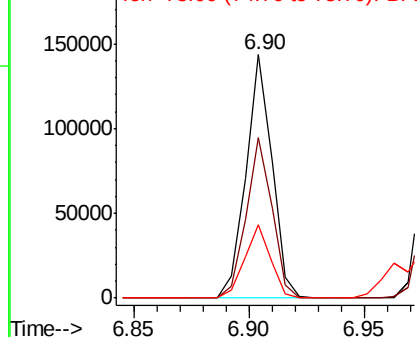


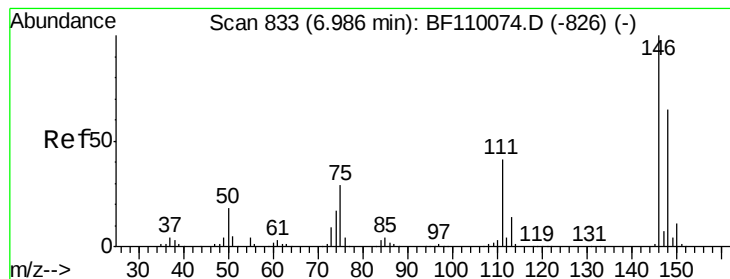
#12
1,3-Dichlorobenzene
Concen: 8.150 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion: 146 Resp: 113377
Ion Ratio Lower Upper
146 100
148 66.0 50.4 75.6
75 29.9 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: 8.150 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

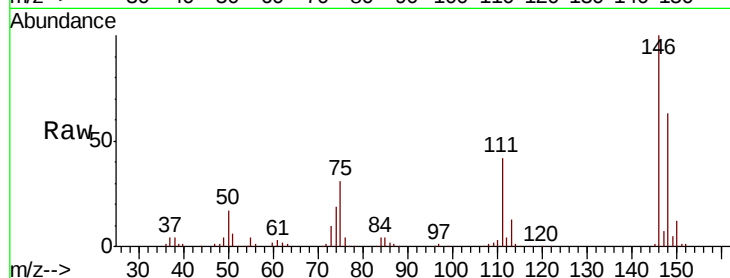
Tot Ion:146 Resp: 114667

Ion Ratio Lower Upper

146 100

148 62.8 50.3 75.5

111 41.5 32.7 49.1

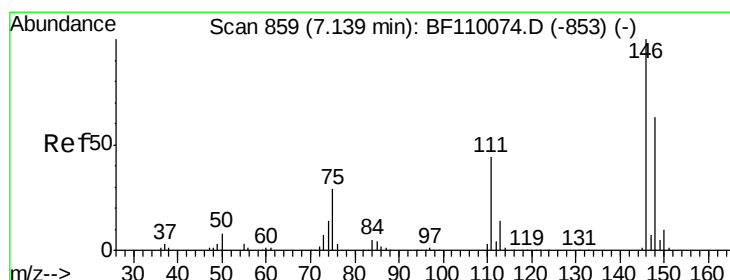
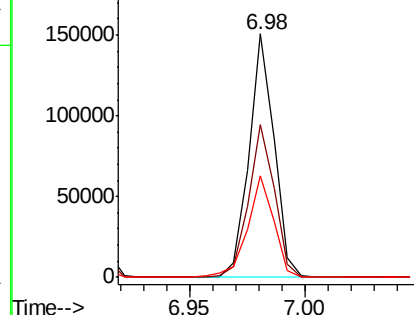
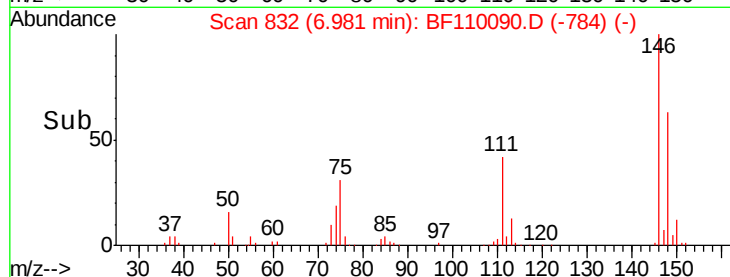


Abundance

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: 8.097 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

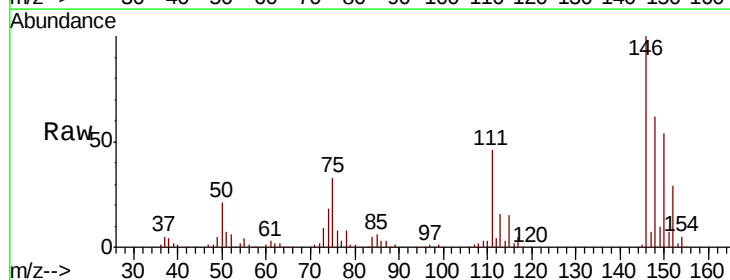
Tgt Ion:146 Resp: 105752

Ion Ratio Lower Upper

146 100

148 62.5 51.1 76.7

111 45.8 35.8 53.6

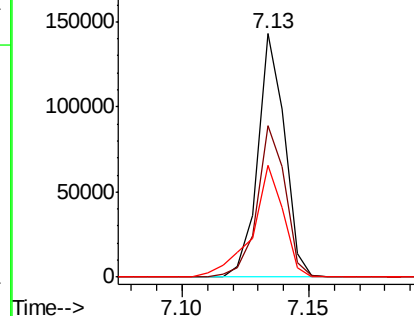
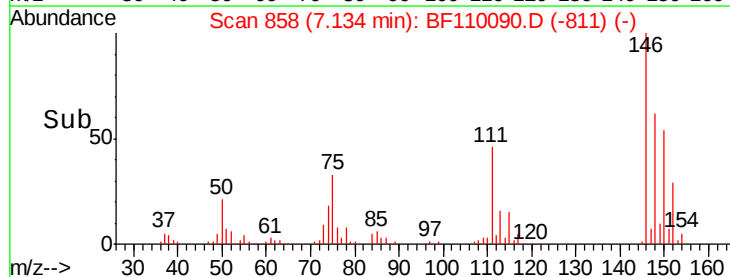


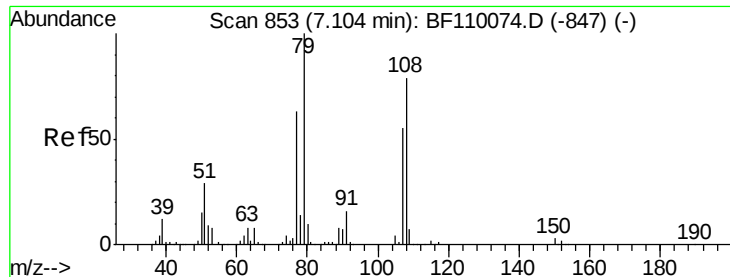
Abundance

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: 9.273 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

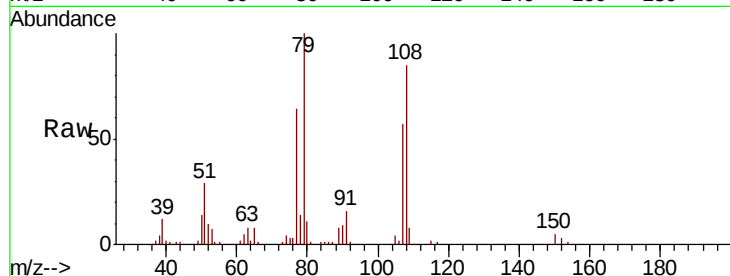
Tot Ion: 79 Resp: 100017

Ion Ratio Lower Upper

79 100

108 84.9 56.3 84.5#

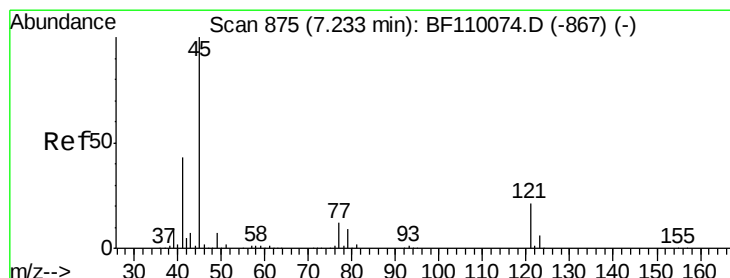
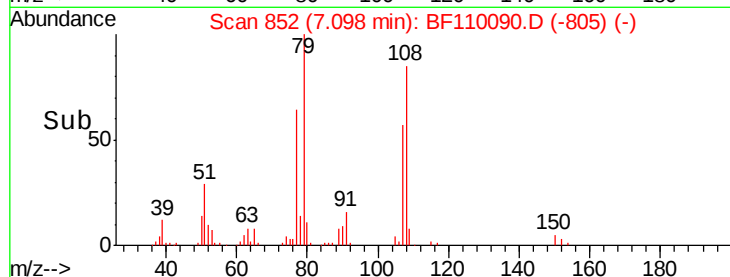
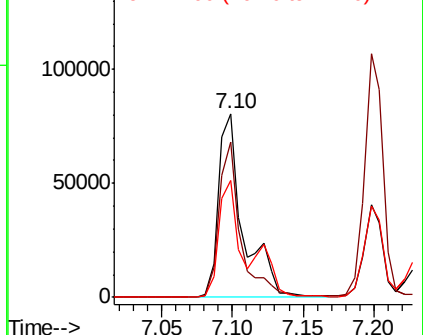
77 64.1 52.9 79.3



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: 8.265 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

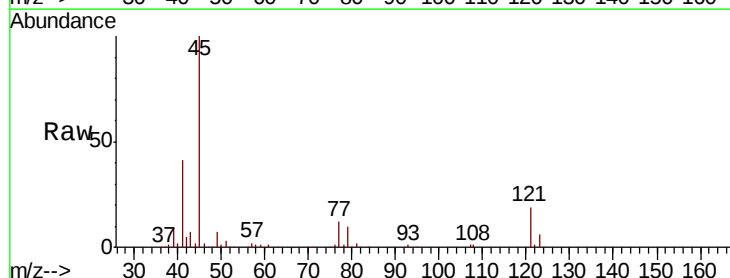
Tgt Ion: 45 Resp: 162976

Ion Ratio Lower Upper

45 100

77 12.2 10.0 50.0

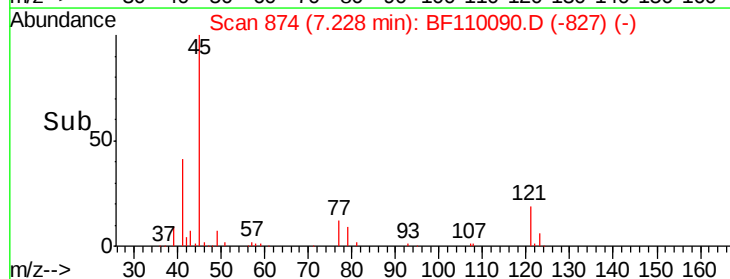
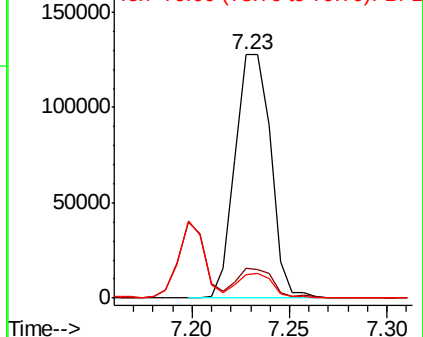
79 9.5 6.1 46.1

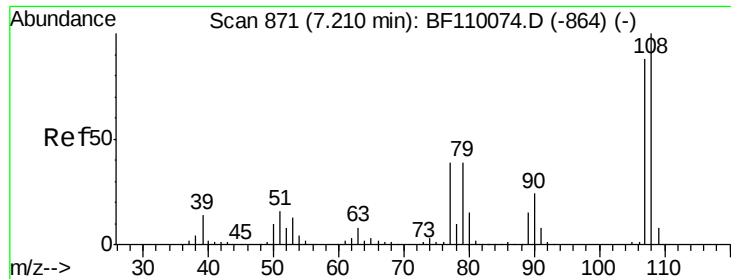


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

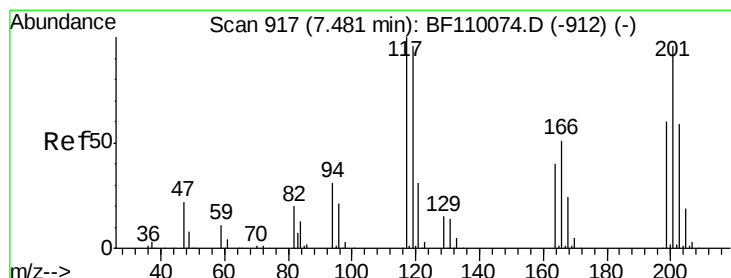
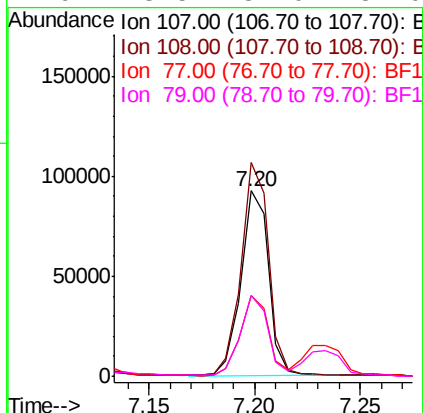
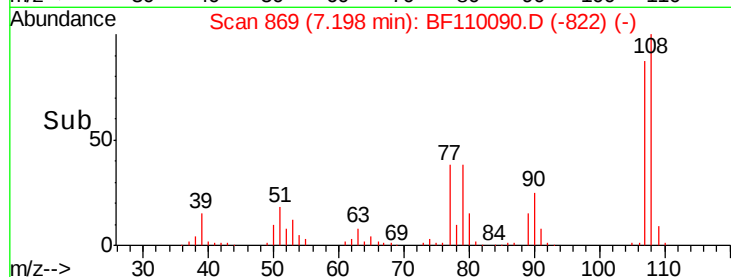
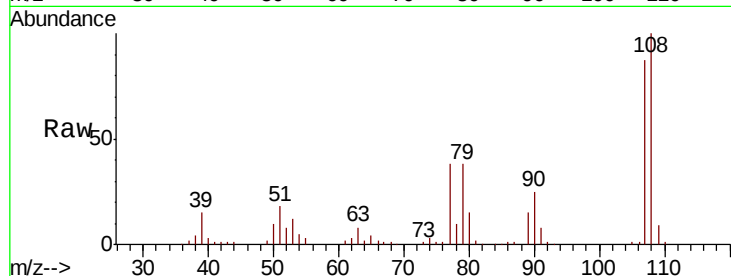




#17
2-Methylphenol
Concen: 8.320 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

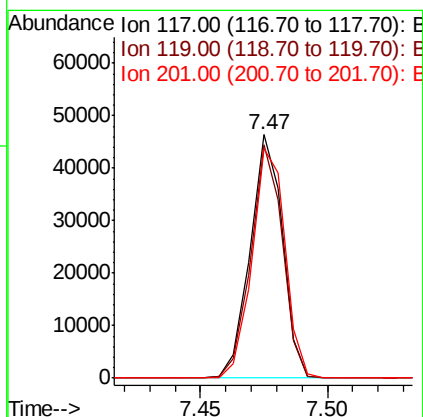
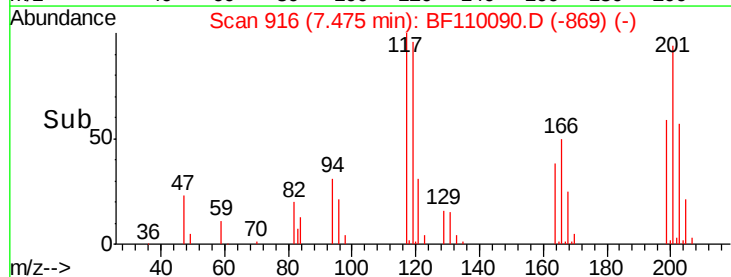
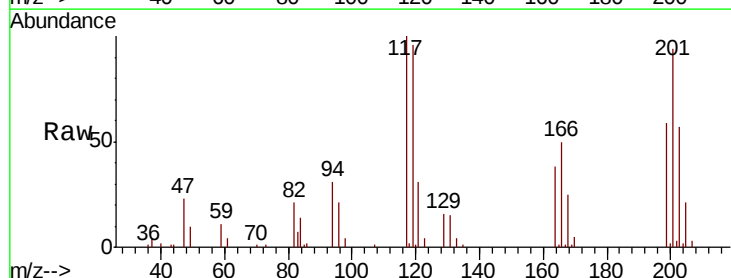
Instrument :
BNA_F
ClientSampleId :

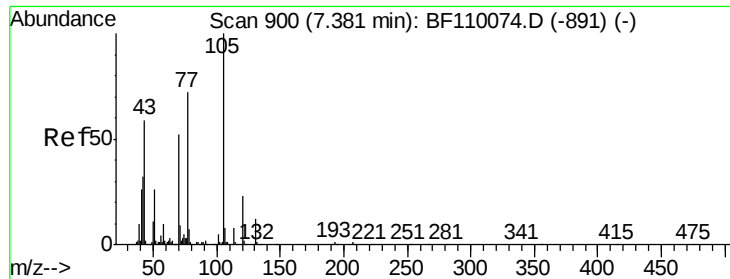
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.6	138.8
77	43.3	59.4	89.2
79	43.5	54.0	81.0



#18
Hexachloroethane
Concen: 8.033 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.0	112.6
201	94.1	79.2	118.8

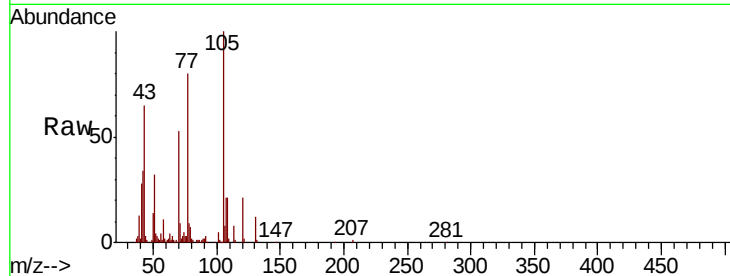




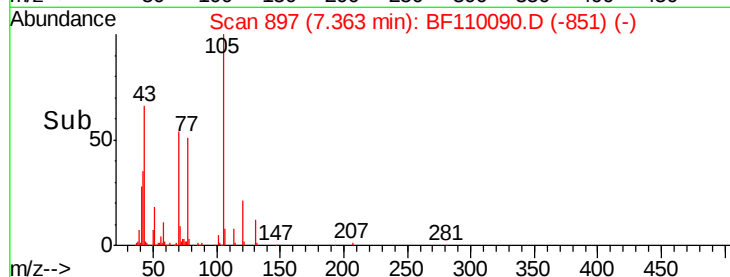
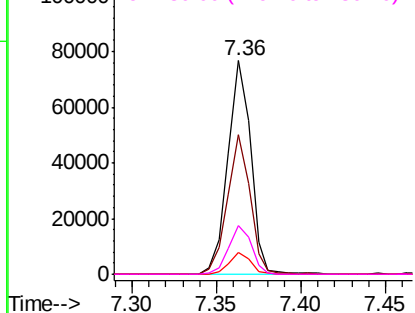
#19
n-Nitroso-di-n-propylamine
Concen: 8.071 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 72615
Ion Ratio Lower Upper
70 100
42 65.5 47.4 71.2
101 10.1 7.3 10.9
130 23.1 16.2 24.2



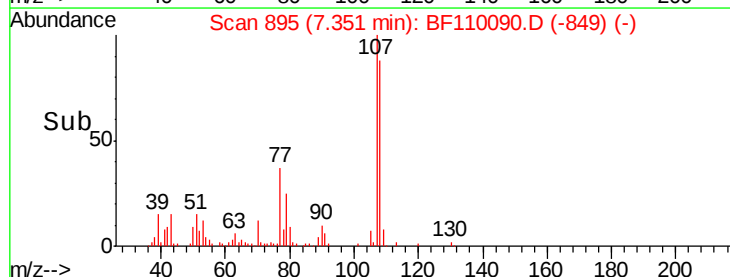
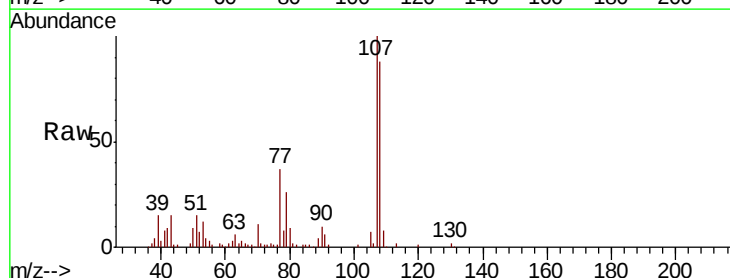
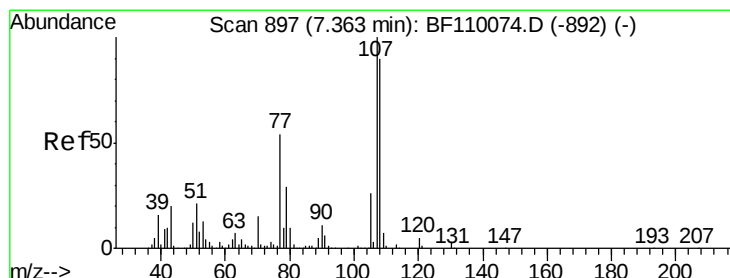
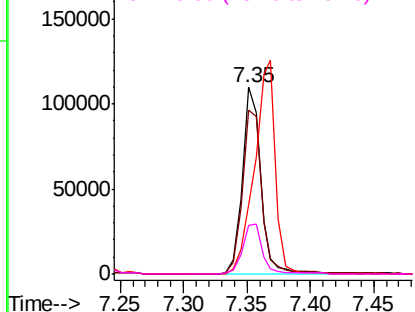
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 8.454 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:107 Resp: 110095
Ion Ratio Lower Upper
107 100
108 88.0 71.4 111.4
77 37.3 47.3 87.3#
79 26.2 10.9 50.9

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

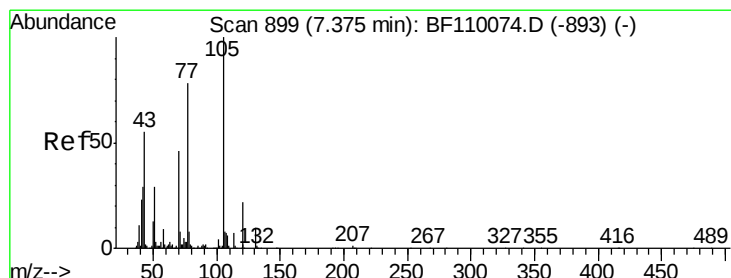
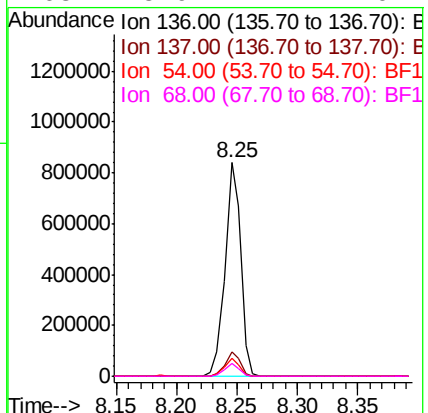
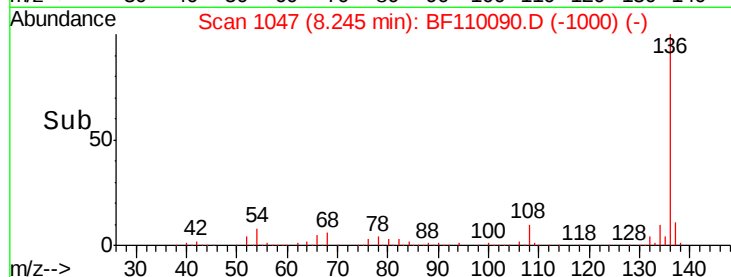
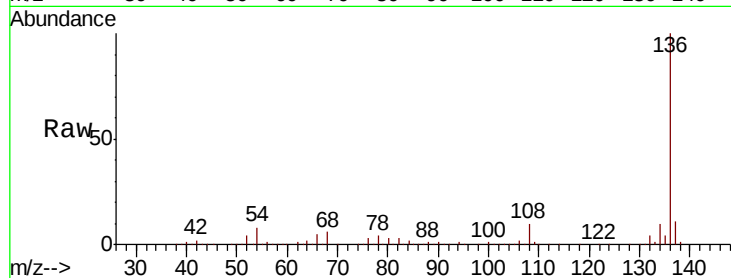




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

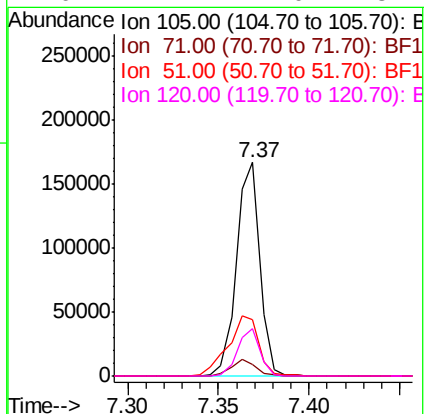
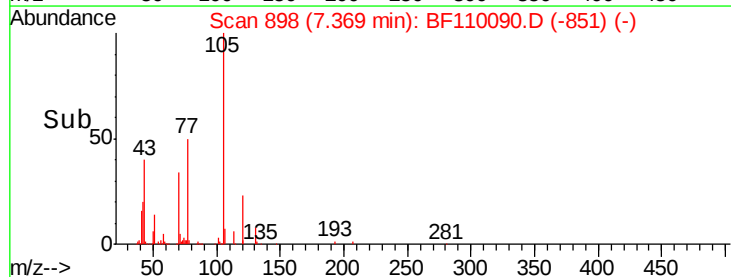
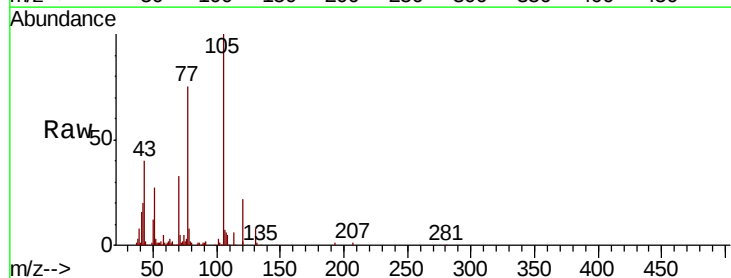
Instrument :
BNA_F
ClientSampleId :

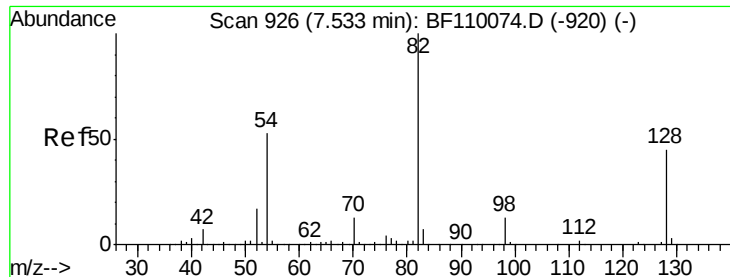
Tot Ion:136	Resp:	753952
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	8.2	5.4 8.2#
68	5.9	4.2 6.2



#22
Acetophenone
Concen: 8.594 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:105	Resp:	149306
Ion Ratio	Lower	Upper
105	100	
71	5.2	5.2 7.8#
51	26.6	21.8 32.8
120	22.2	17.0 25.4

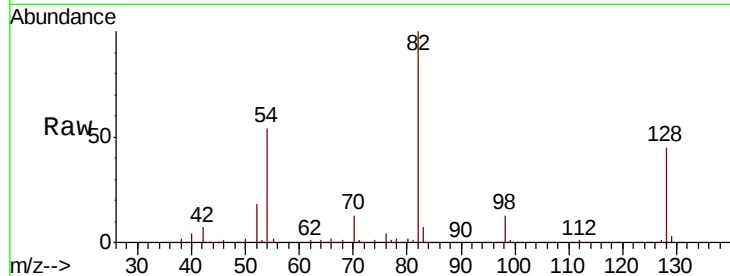




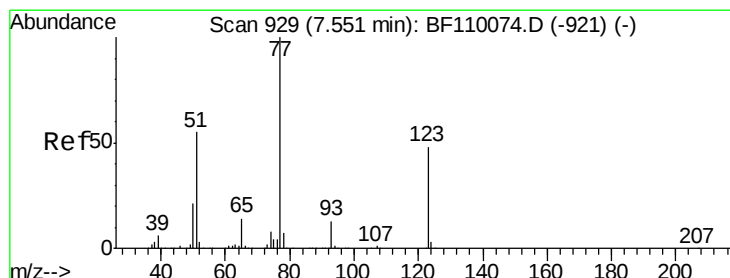
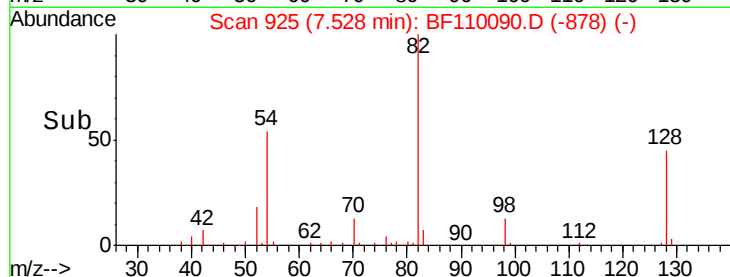
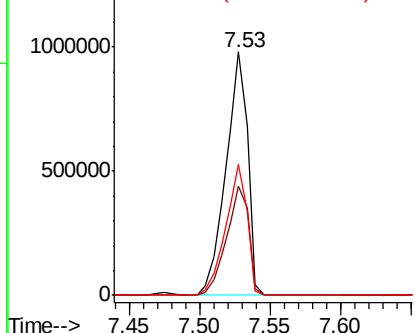
#23
 Nitrobenzene-d5
 Concen: 82.200 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1044870
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.2 51.2
 54 53.7 38.6 58.0

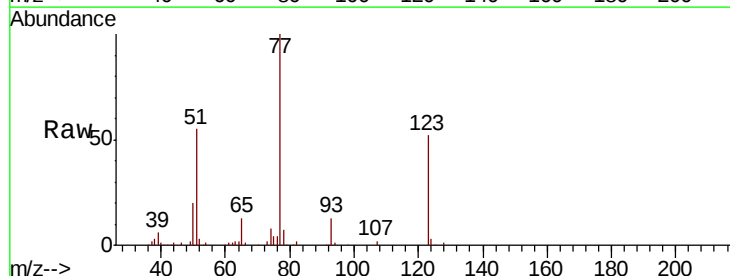


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

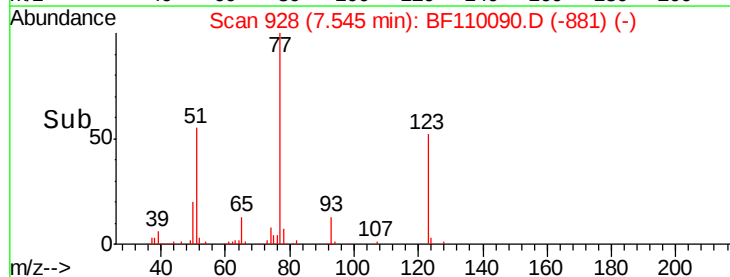
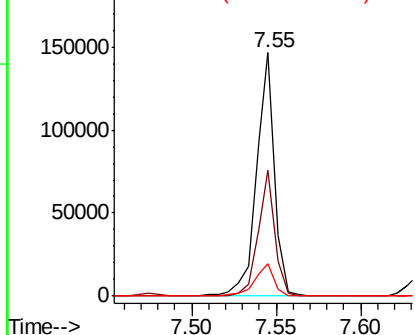


#24
 Nitrobenzene
 Concen: 8.363 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Tgt Ion: 77 Resp: 109747
 Ion Ratio Lower Upper
 77 100
 123 51.9 35.7 53.5
 65 13.2 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: 9.199 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampled :

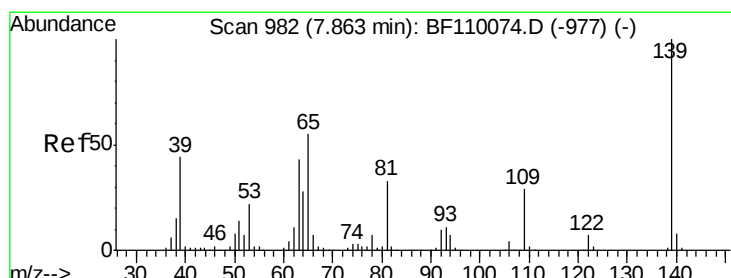
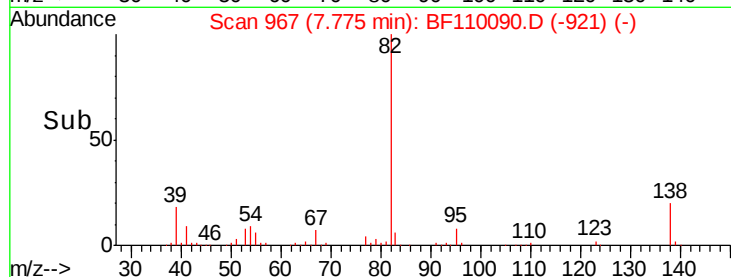
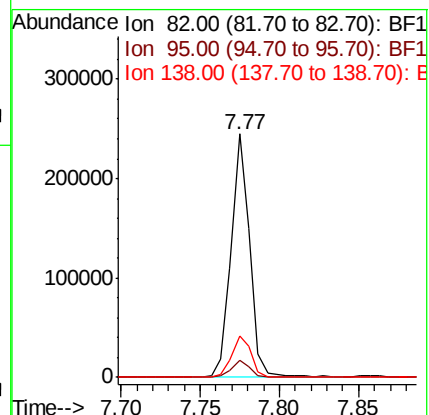
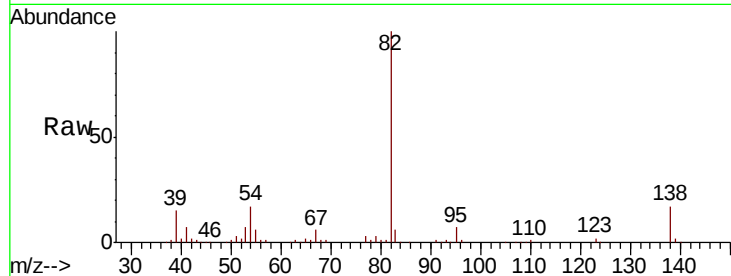
Tot Ion: 82 Resp: 199326

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 16.9 13.2 19.8



#26

2-Nitrophenol

Concen: 7.591 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

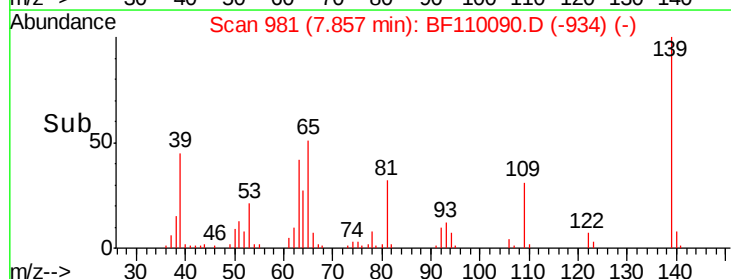
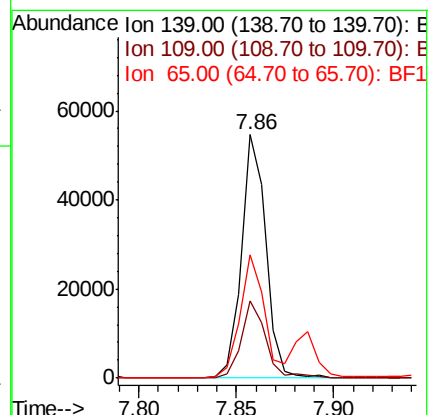
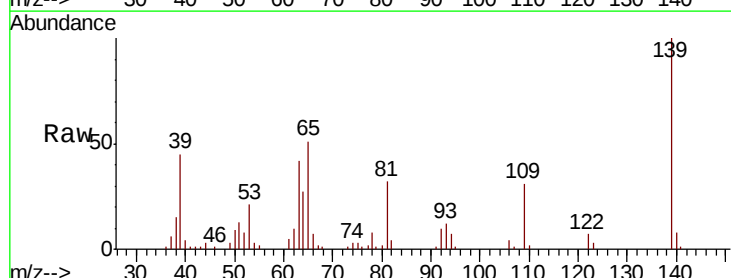
Tgt Ion: 139 Resp: 47406

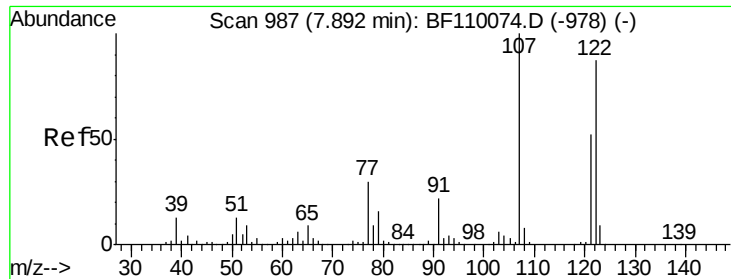
Ion Ratio Lower Upper

139 100

109 31.5 25.0 37.6

65 50.5 44.0 66.0

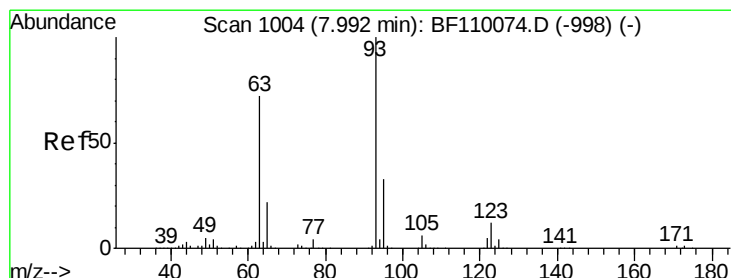
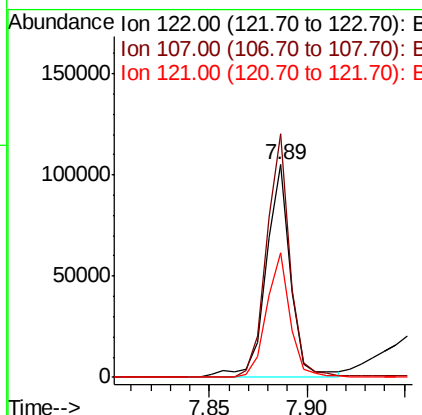
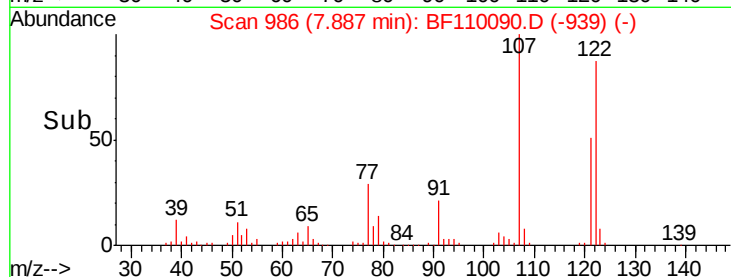
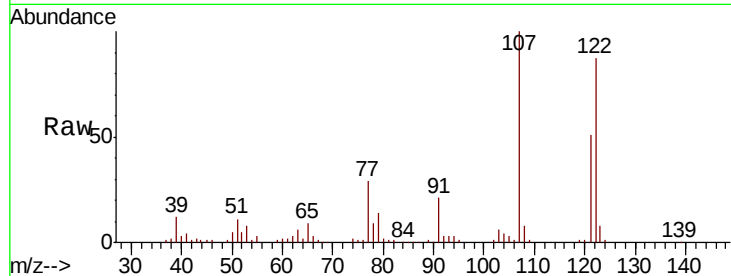




#27
2,4-Dimethylphenol
Concen: 8.845 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

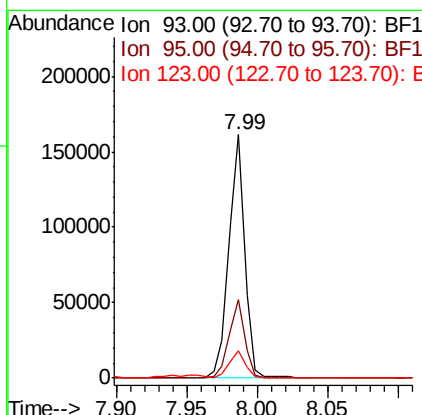
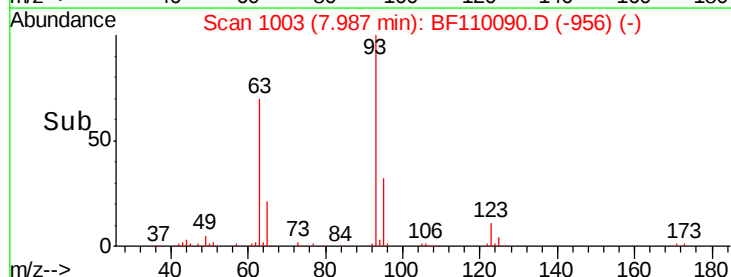
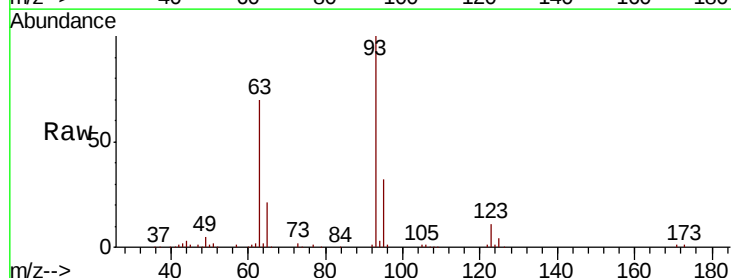
Instrument :
BNA_F
ClientSampleId :

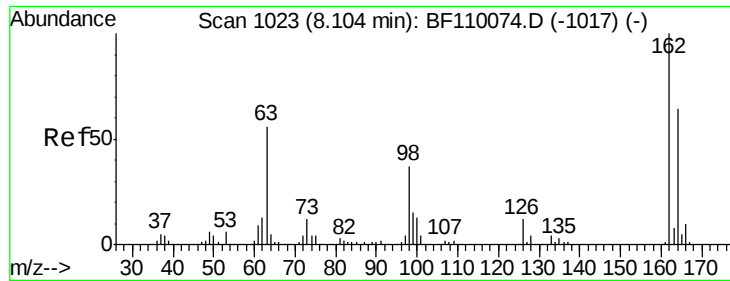
Tot Ion:122 Resp: 91581
Ion Ratio Lower Upper
122 100
107 114.6 92.5 138.7
121 58.6 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 8.643 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion: 93 Resp: 127228
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 11.4 9.0 13.6

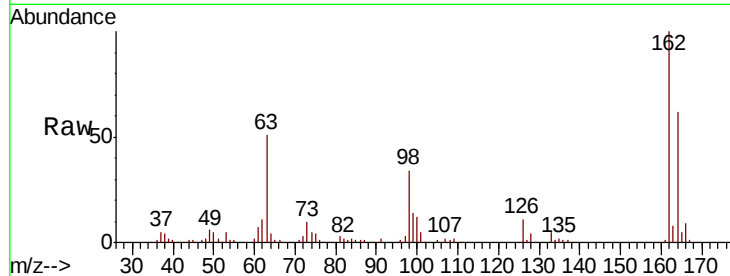




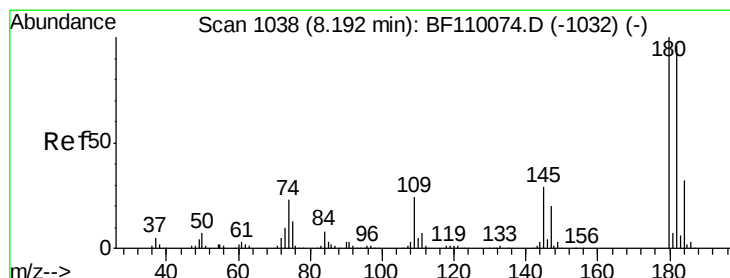
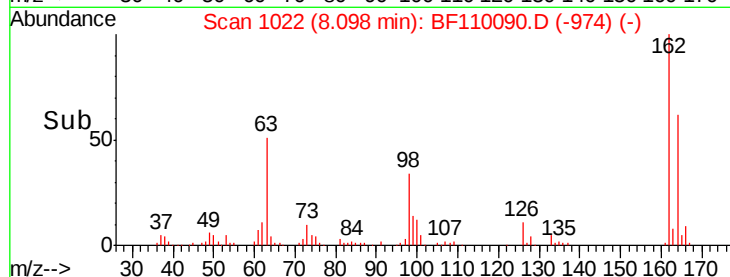
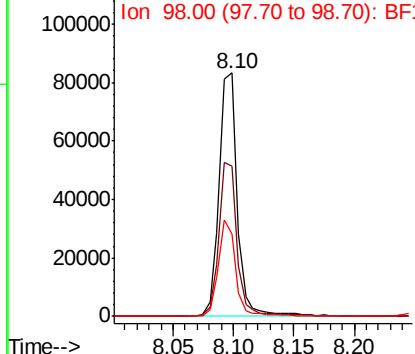
#29
 2,4-Dichlorophenol
 Concen: 8.248 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 86276
 Ion Ratio Lower Upper
 162 100
 164 61.6 44.6 84.6
 98 33.8 17.4 57.4

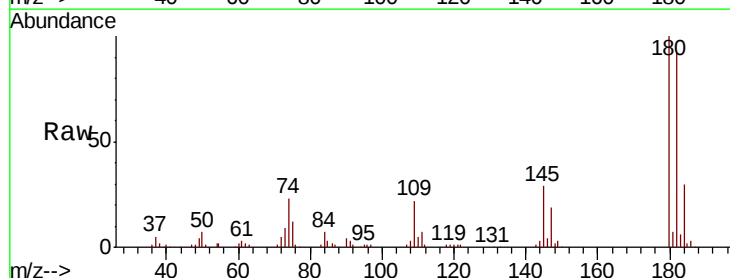


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

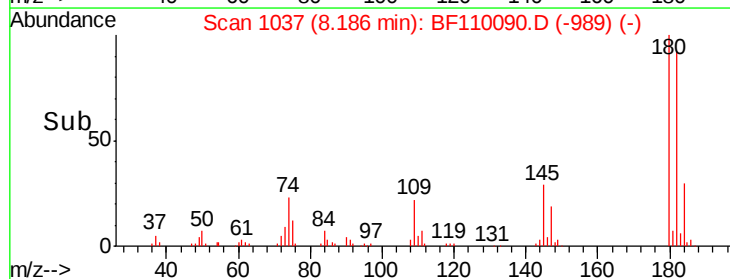
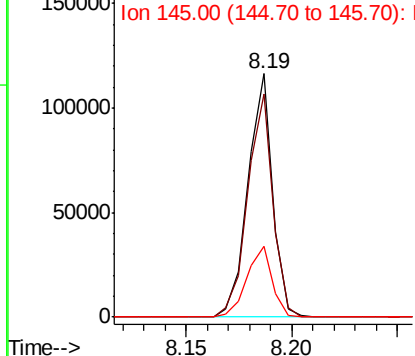


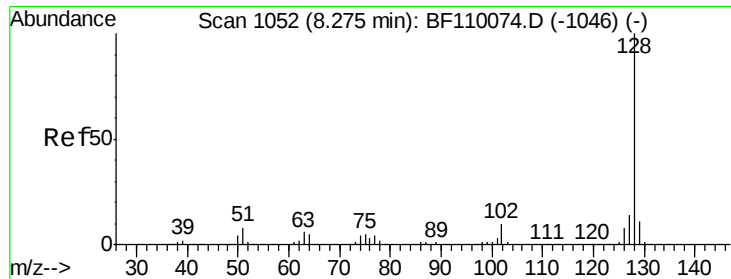
#30
 1,2,4-Trichlorobenzene
 Concen: 8.073 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Tgt Ion:180 Resp: 94596
 Ion Ratio Lower Upper
 180 100
 182 91.8 80.3 120.5
 145 29.0 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

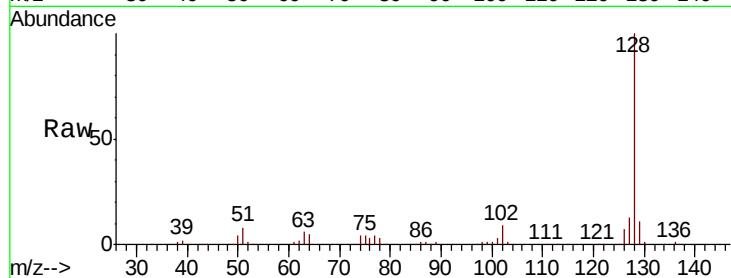




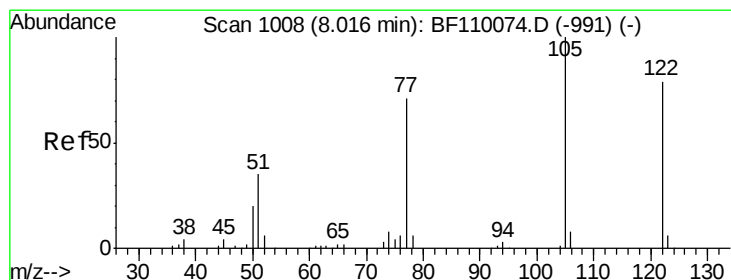
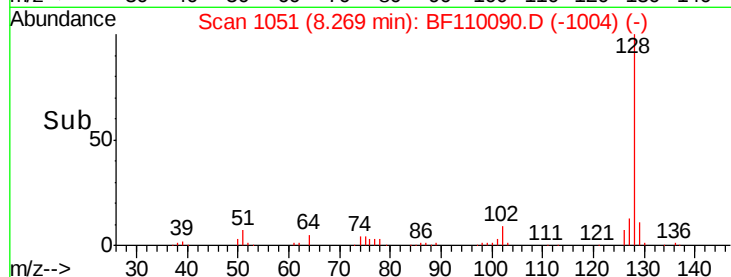
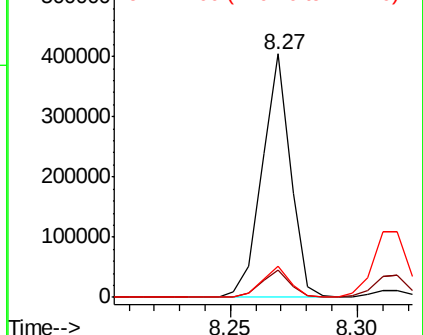
#31
Naphthalene
Concen: 9.138 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 317546
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.8 16.2

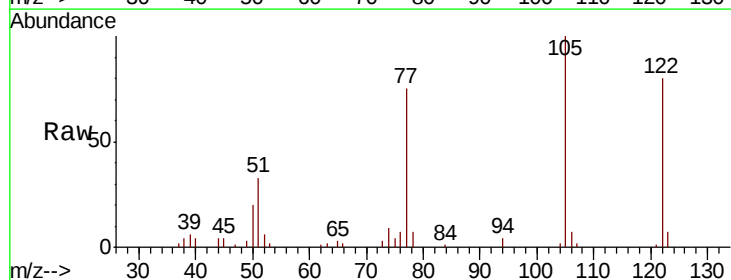


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

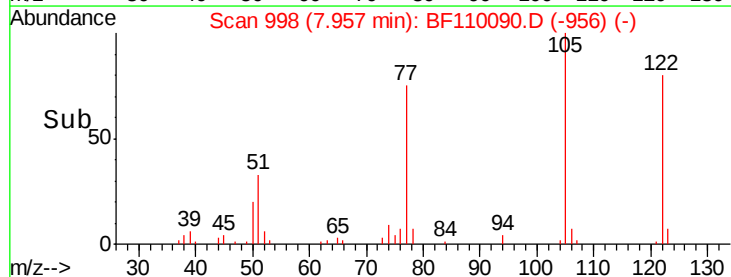
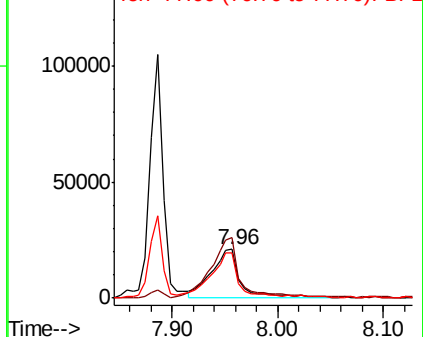


#32
Benzoic acid
Concen: 5.021 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:122 Resp: 40179
Ion Ratio Lower Upper
122 100
105 125.1 109.0 149.0
77 94.1 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

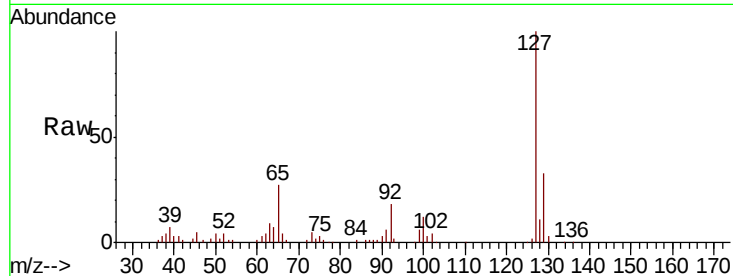




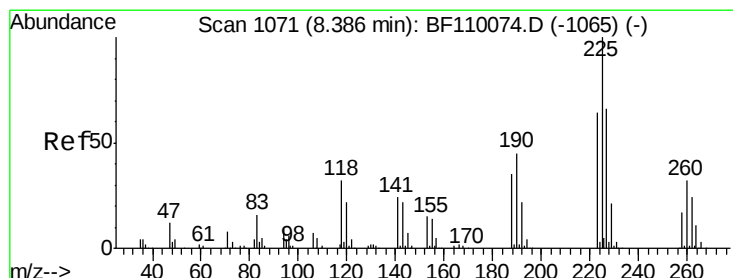
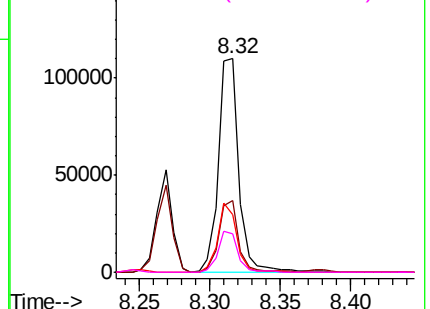
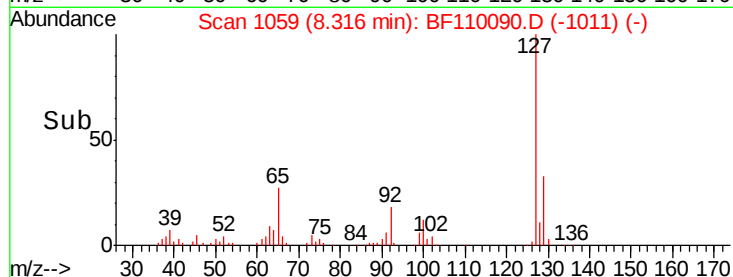
#33
4-Chloroaniline
Concen: 7.104 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	111096
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	27.2	25.1	37.7
92	17.8	15.0	22.6

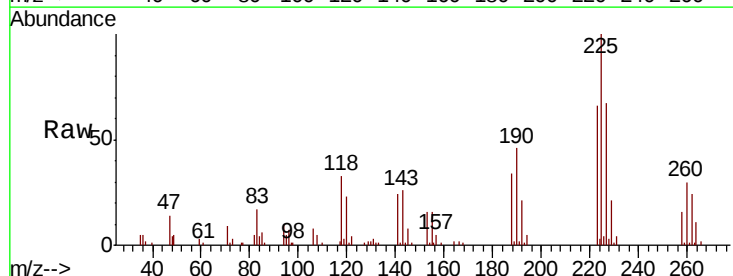


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

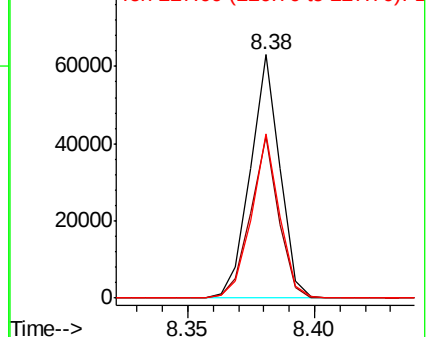
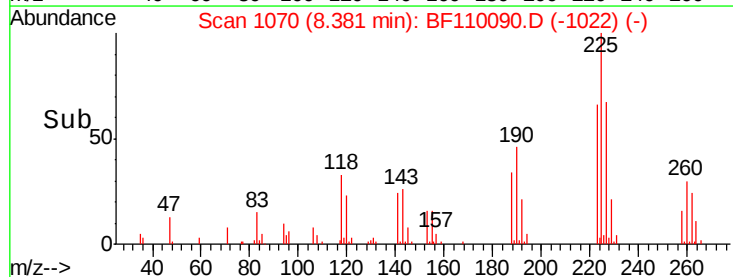


#34
Hexachlorobutadiene
Concen: 7.835 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:	225	Resp:	50975
Ion	Ratio	Lower	Upper
225	100		
223	66.3	51.4	77.2
227	67.5	51.0	76.6



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

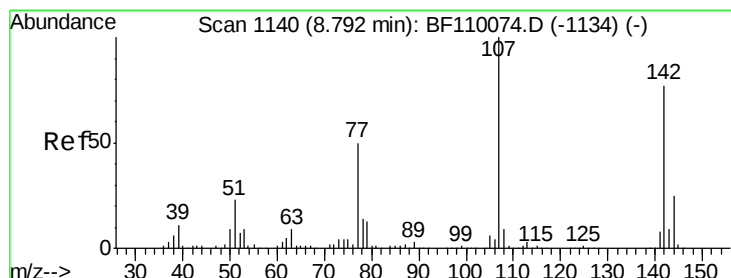
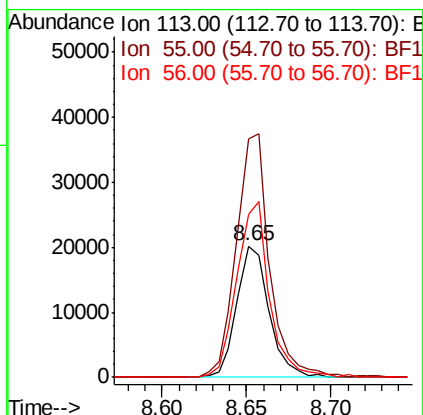
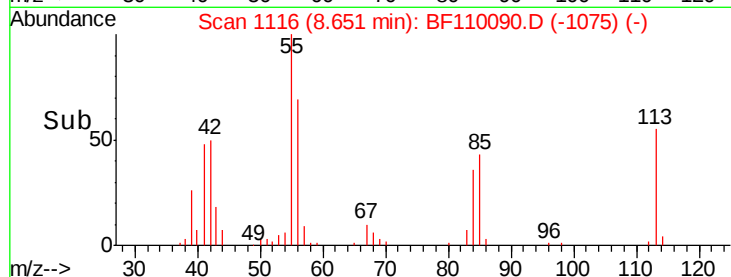
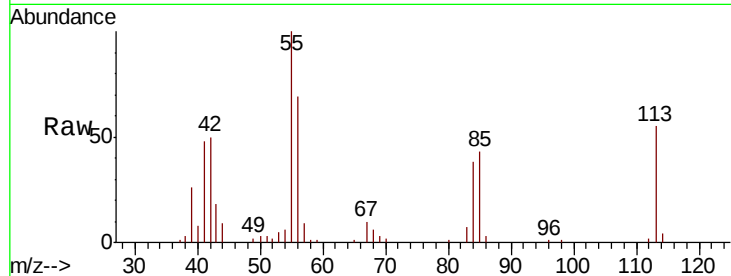




#35
 Caprolactam
 Concen: 7.388 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.06 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

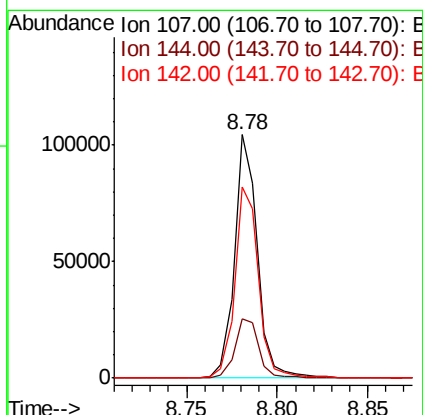
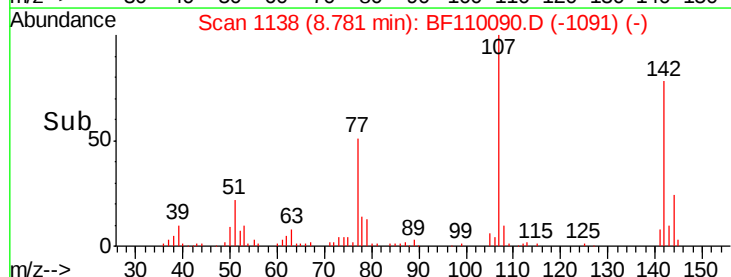
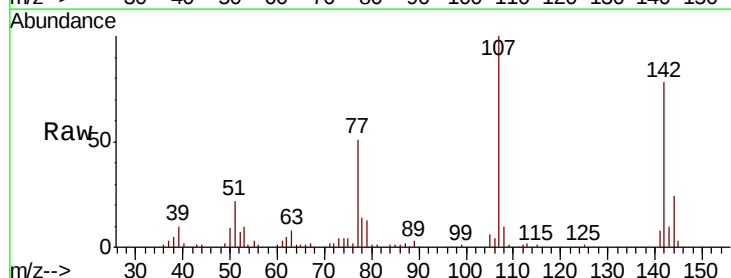
Instrument :
 BNA_F
 ClientSampleId :

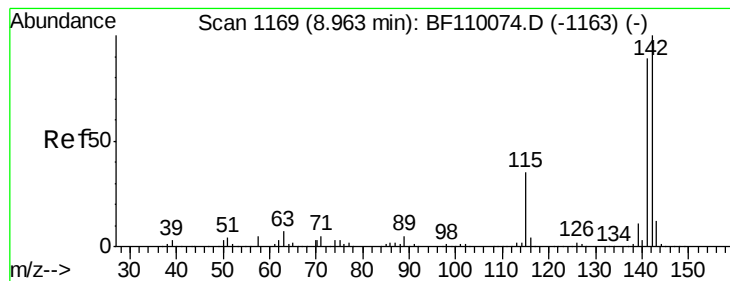
Tot Ion:113 Resp: 26936
 Ion Ratio Lower Upper
 113 100
 55 181.7 142.8 182.8
 56 124.6 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 8.150 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Tgt Ion:107 Resp: 92189
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 78.4 59.7 89.5





#37

2-Methylnaphthalene

Concen: 9.471 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

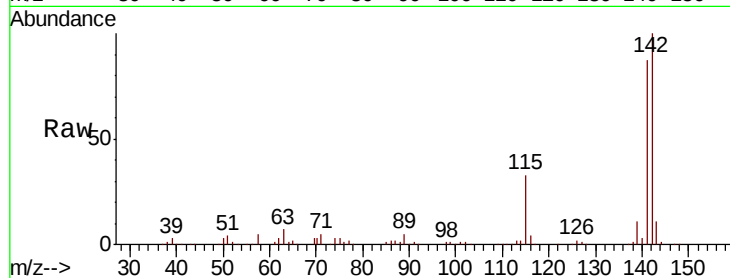
Tot Ion:142 Resp: 217739

Ion Ratio Lower Upper

142 100

141 86.9 71.4 107.2

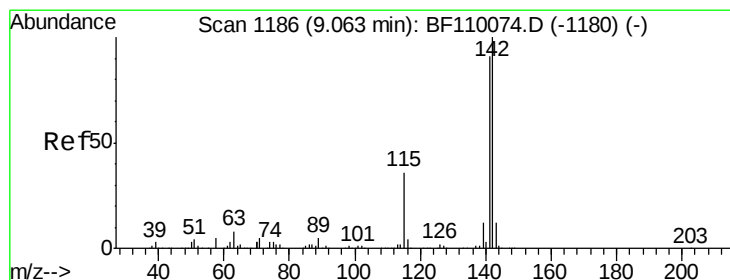
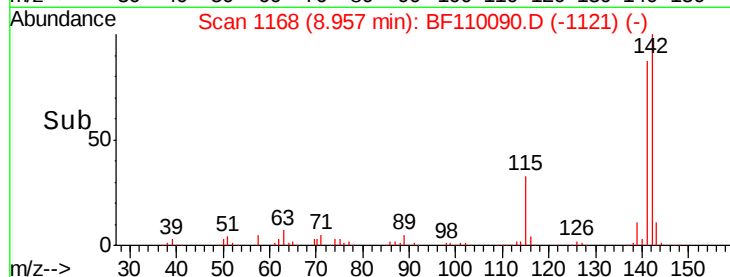
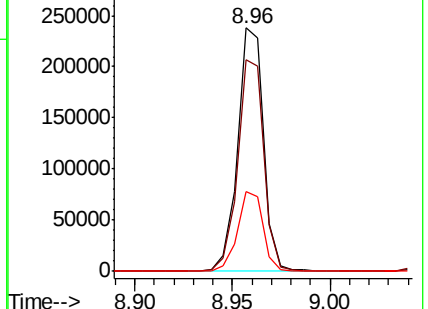
115 32.9 28.7 43.1



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: 9.119 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

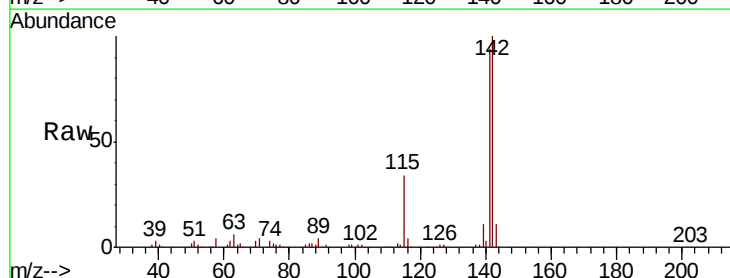
Tgt Ion:142 Resp: 202611

Ion Ratio Lower Upper

142 100

141 94.3 74.2 111.4

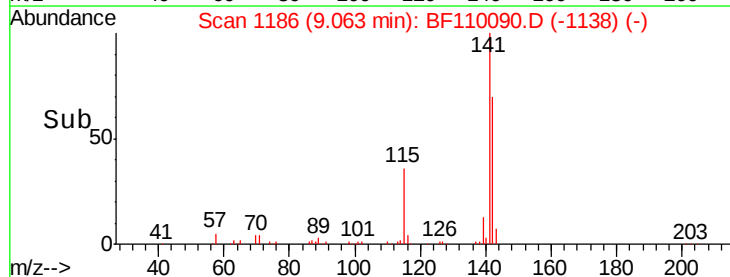
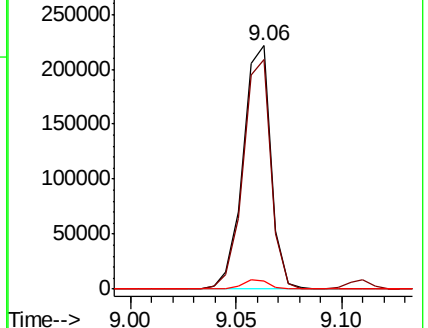
116 3.5 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

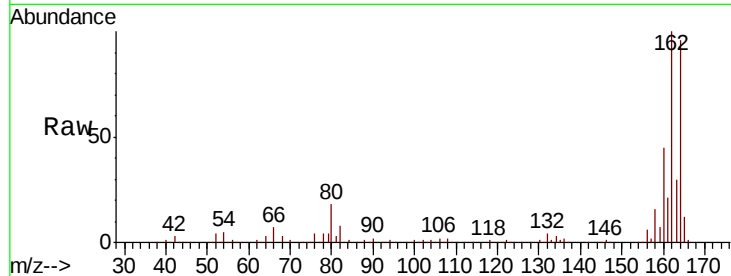




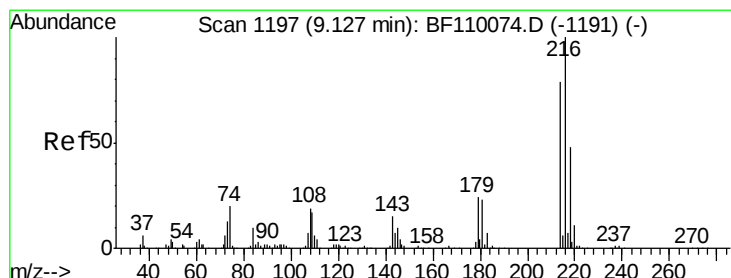
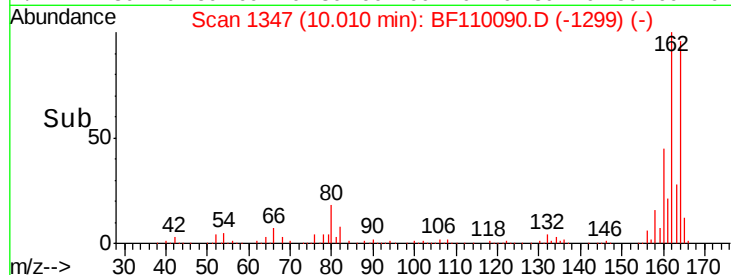
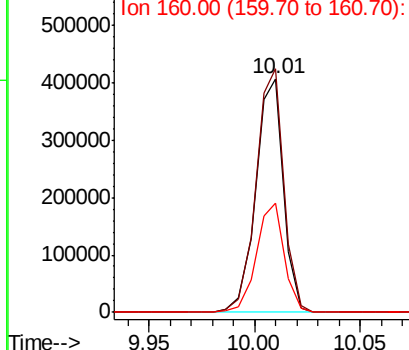
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 370615
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.6
160 46.5 37.0 55.6

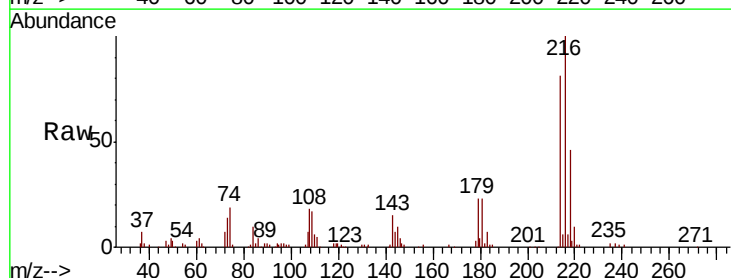


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

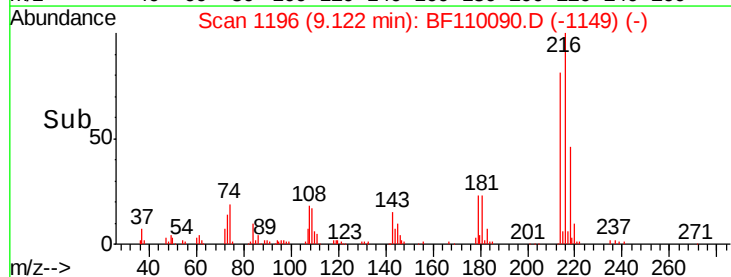
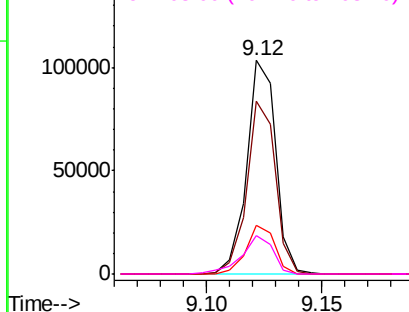


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.883 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:216 Resp: 91035
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.6
179 22.3 16.6 25.0
108 19.4 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: 7.903 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

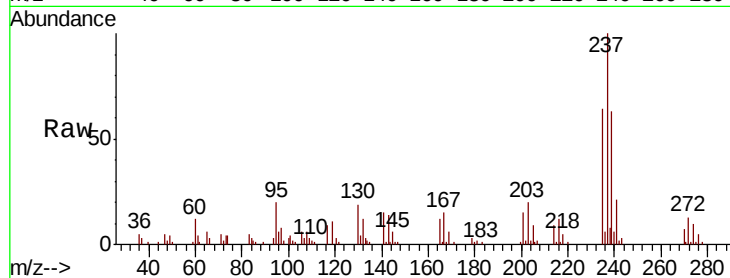
Tot Ion:237 Resp: 46664

Ion Ratio Lower Upper

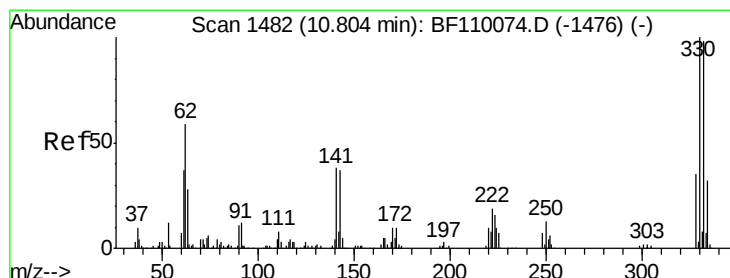
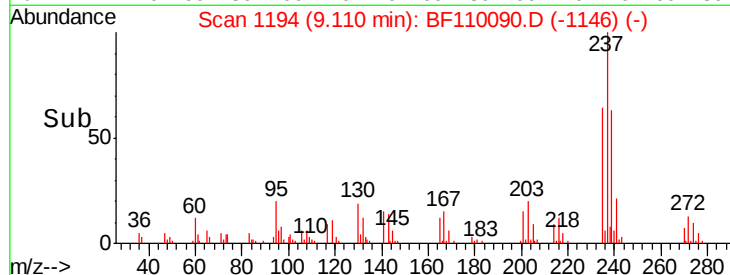
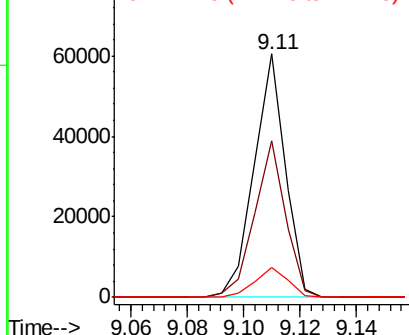
237 100

235 64.3 43.1 83.1

272 12.5 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 127.931 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

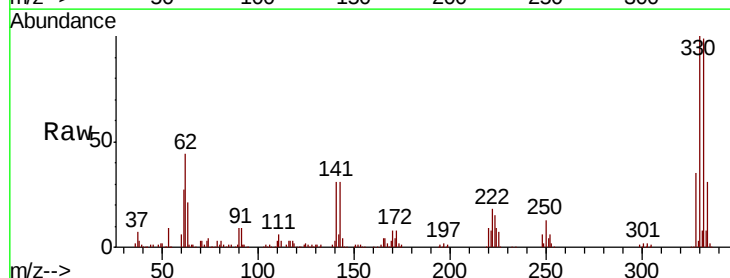
Tgt Ion:330 Resp: 469658

Ion Ratio Lower Upper

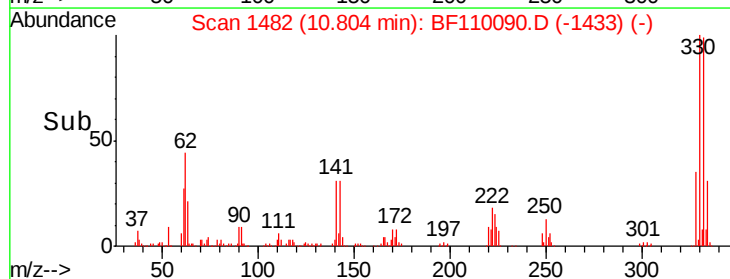
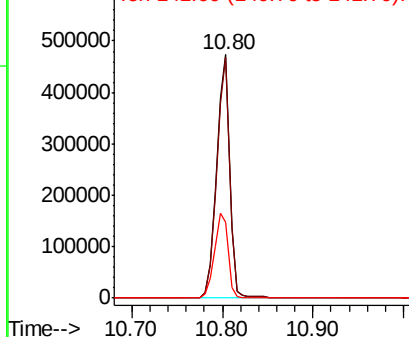
330 100

332 97.3 77.1 115.7

141 37.3 27.0 40.4



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

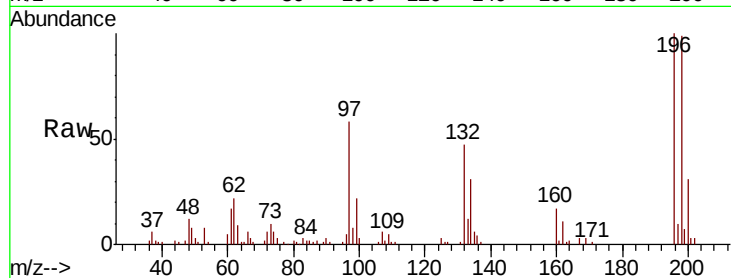




#43
 2,4,6-Trichlorophenol
 Concen: 7.925 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	59028
Ion Ratio	Lower	Upper	
196	100		
198	98.8	76.2	114.4
200	30.5	24.4	36.6

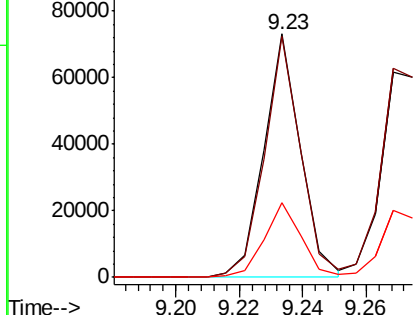
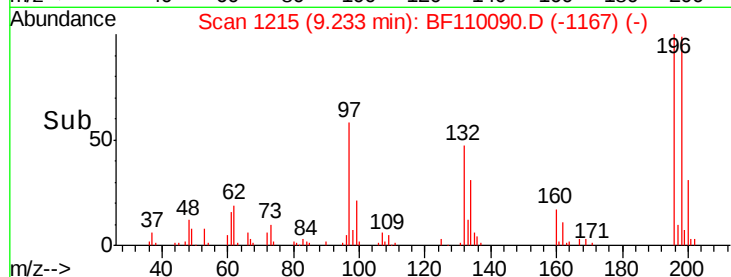


Abundance

Ion 196.00 (195.70 to 196.70): E

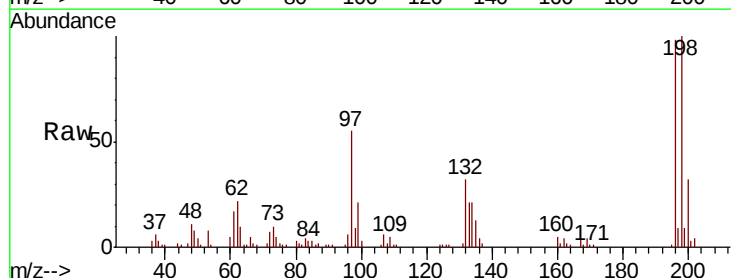
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 8.193 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Tgt Ion	196	Resp	64499
Ion Ratio	Lower	Upper	
196	100		
198	101.6	75.8	113.6
97	55.5	42.4	63.6
132	32.8	22.8	34.2



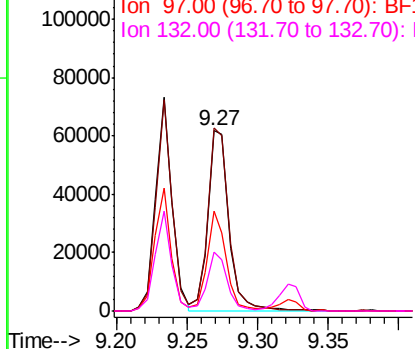
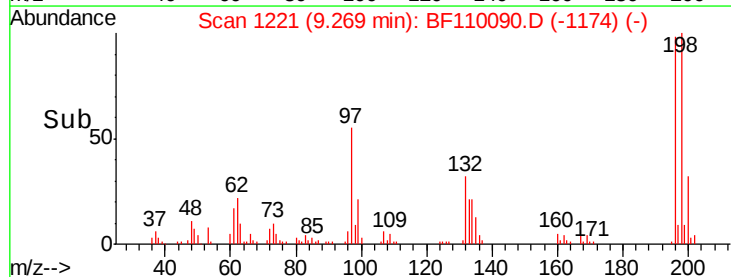
Abundance

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

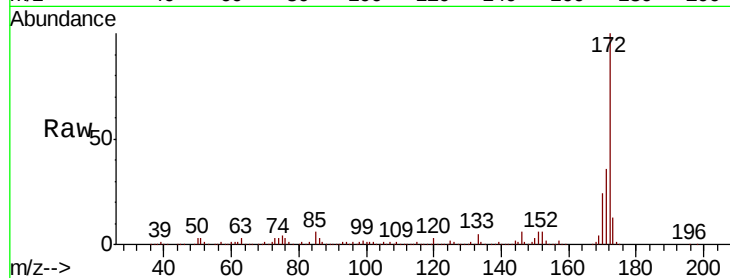




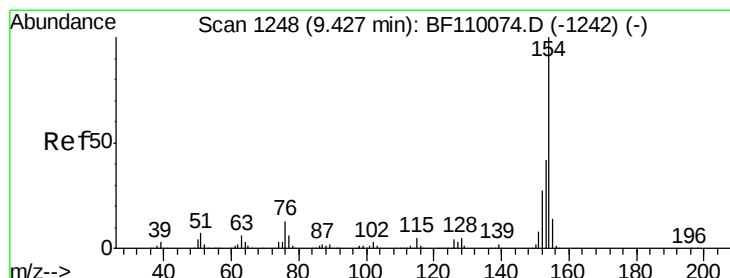
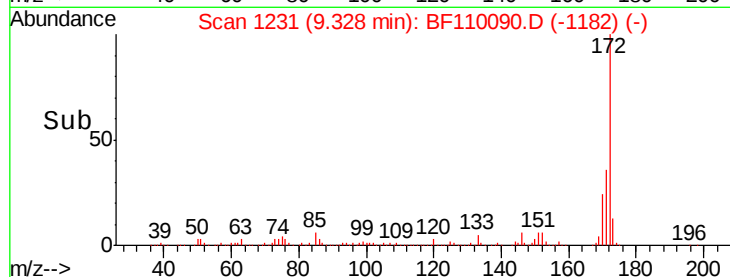
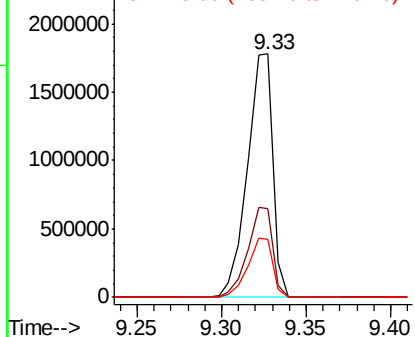
#45
2-Fluorobiphenyl
Concen: 80.012 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1888452
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.0 19.7 29.5

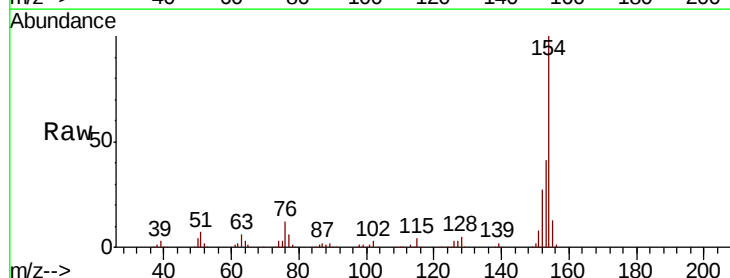


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

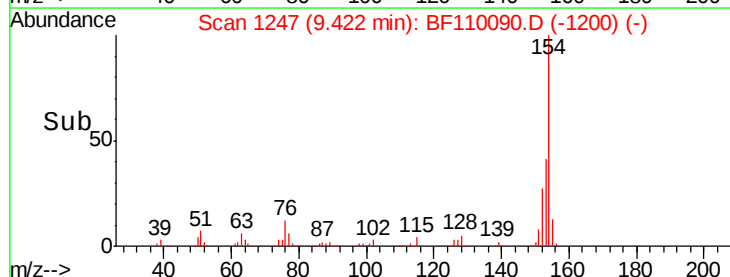
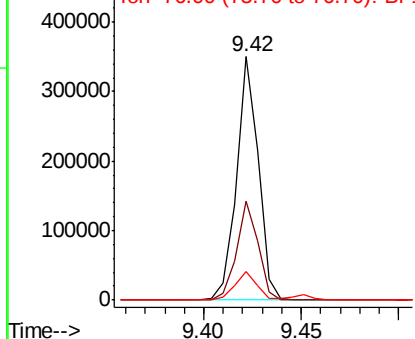


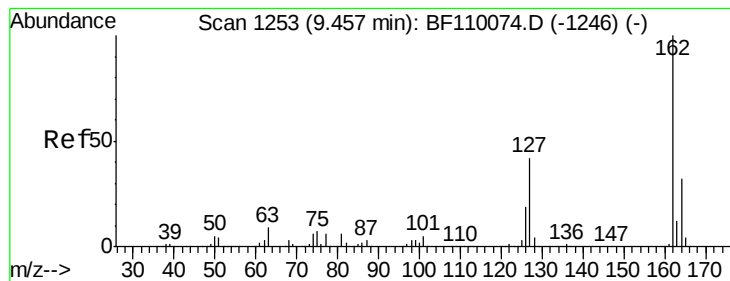
#46
1,1'-Biphenyl
Concen: 8.037 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:154 Resp: 269357
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.9 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: 8.392 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

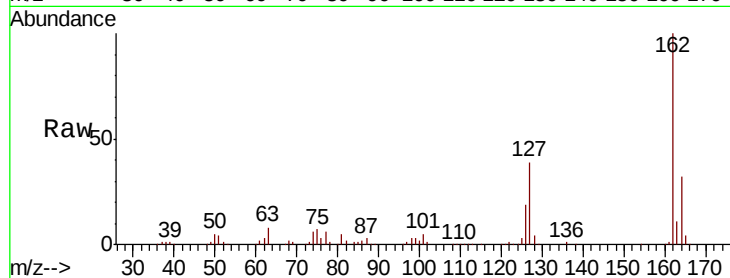
Tot Ion:162 Resp: 206304

Ion Ratio Lower Upper

162 100

127 38.7 32.6 48.8

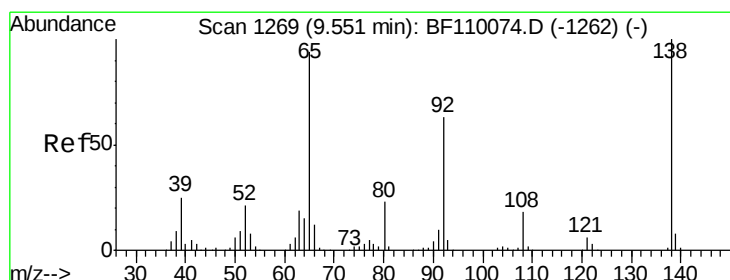
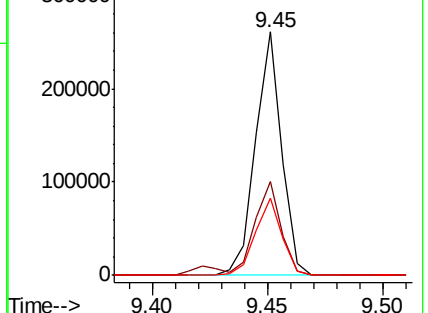
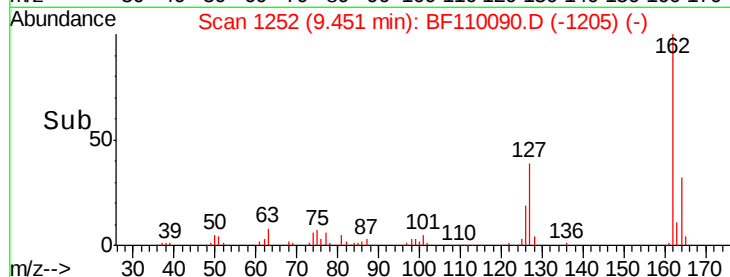
164 31.6 25.9 38.9



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: 8.157 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

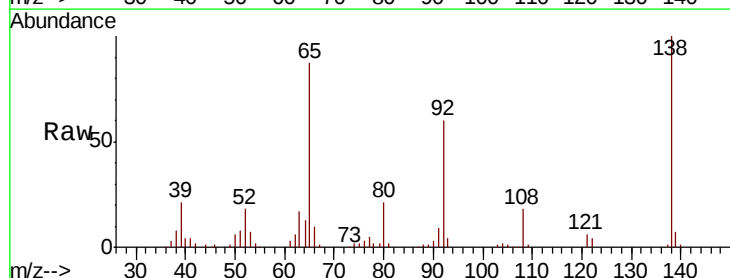
Tgt Ion: 65 Resp: 60765

Ion Ratio Lower Upper

65 100

92 68.5 54.6 81.8

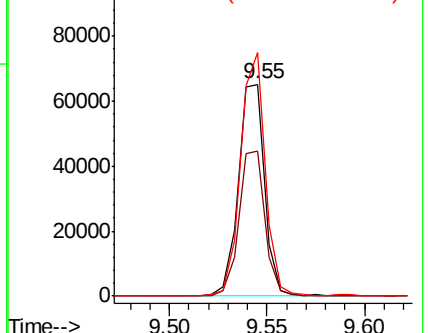
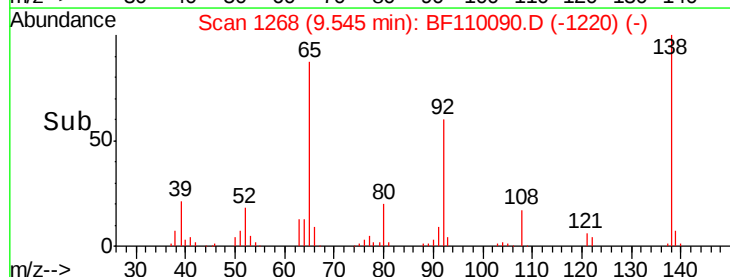
138 114.8 80.3 120.5

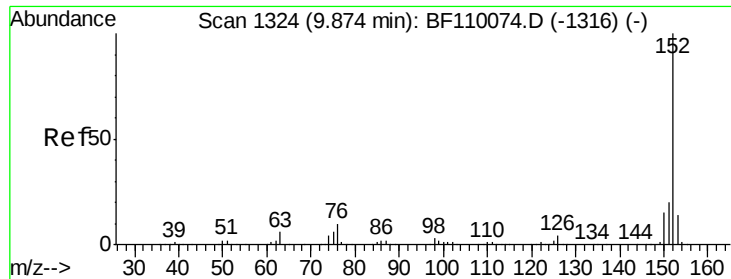


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 9.070 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampled :

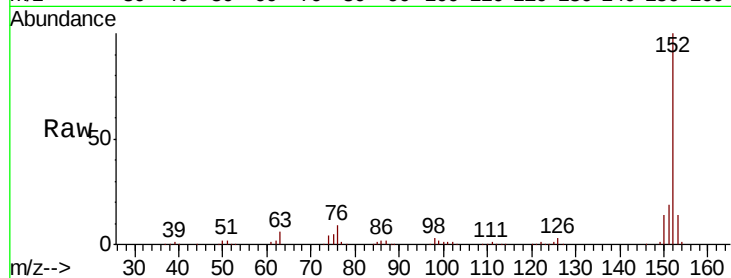
Tot Ion:152 Resp: 322060

Ion Ratio Lower Upper

152 100

151 19.0 15.8 23.8

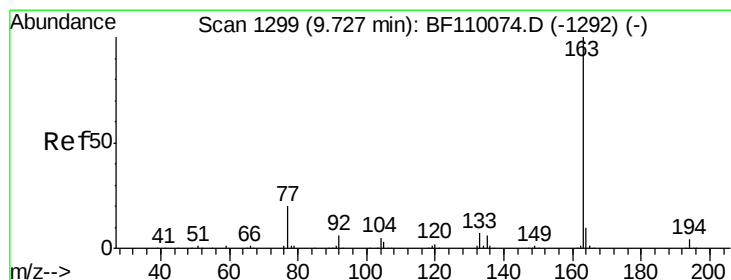
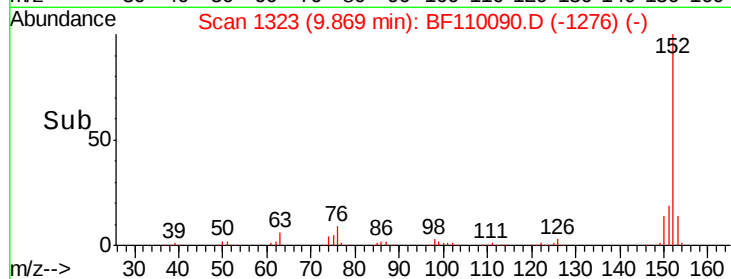
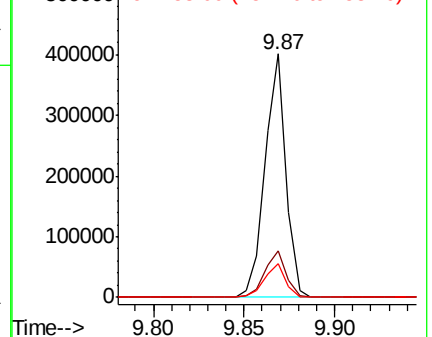
153 13.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 8.482 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

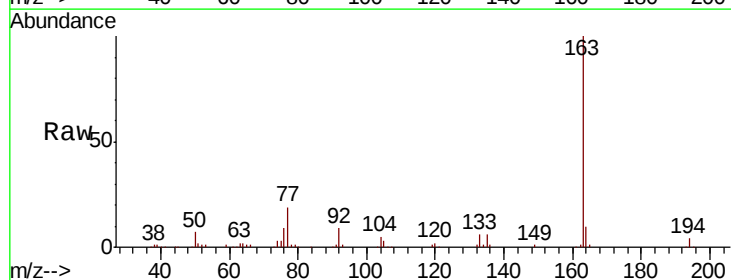
Tgt Ion:163 Resp: 232059

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

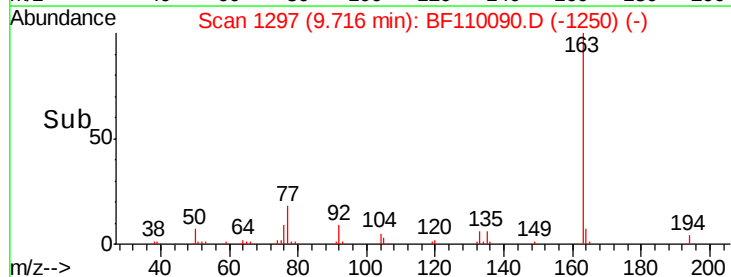
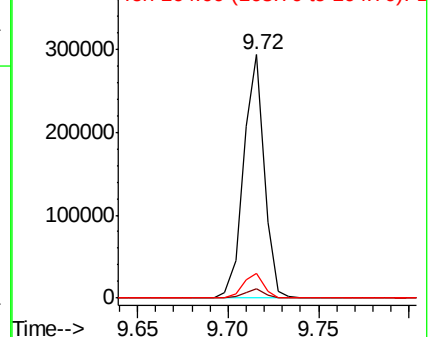
164 10.2 8.1 12.1

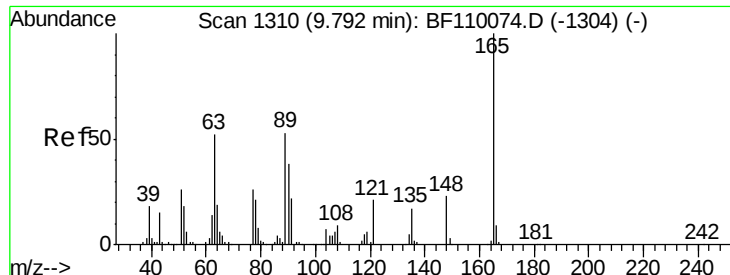


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.415 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampled :

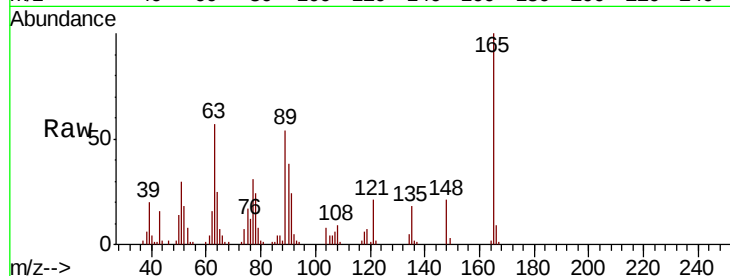
Tot Ion:165 Resp: 49587

Ion Ratio Lower Upper

165 100

63 56.7 48.9 73.3

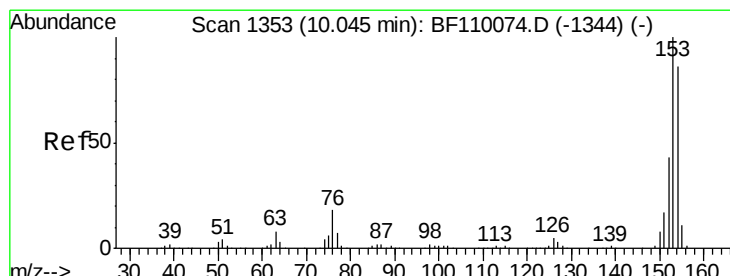
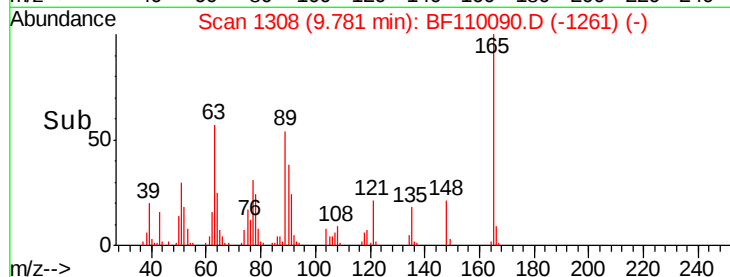
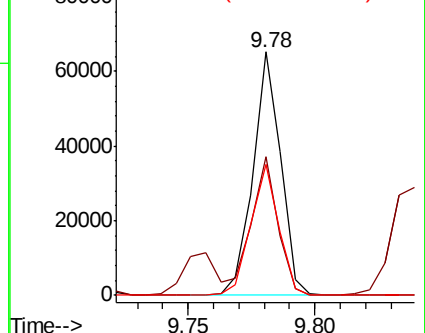
89 53.8 46.6 69.8



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: 8.632 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

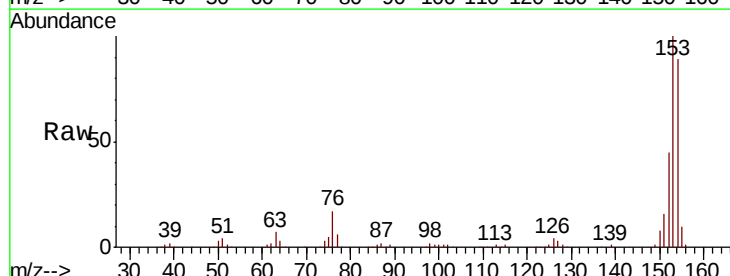
Tgt Ion:154 Resp: 202777

Ion Ratio Lower Upper

154 100

153 112.6 90.1 135.1

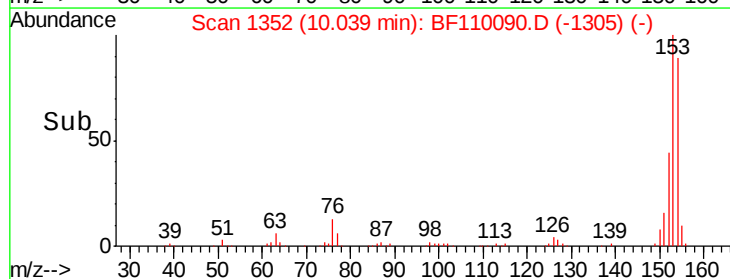
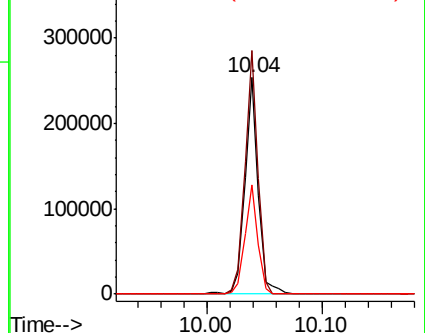
152 50.3 43.4 65.2

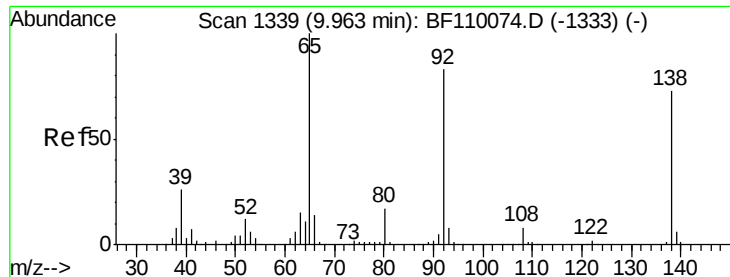


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

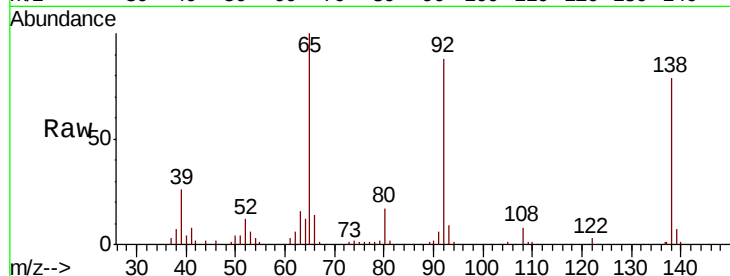




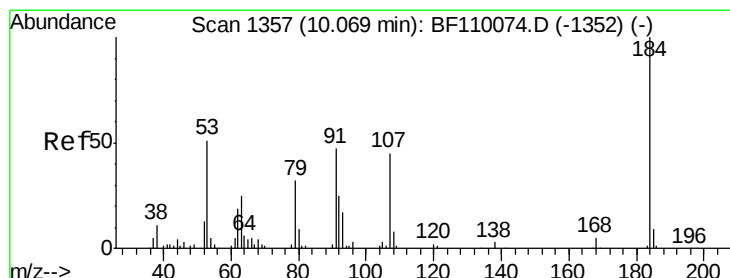
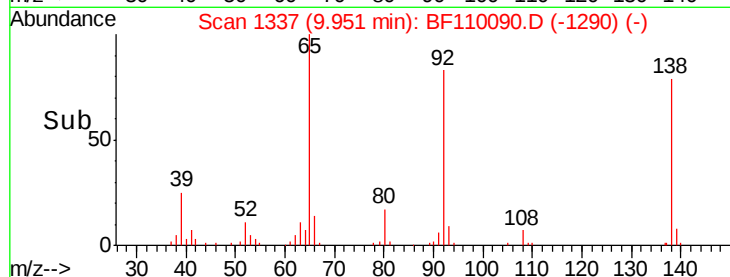
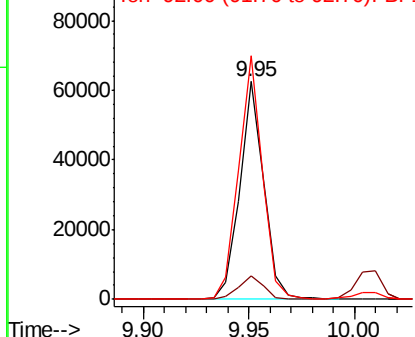
#53
3-Nitroaniline
Concen: 6.948 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 48693
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 111.8 97.0 145.4

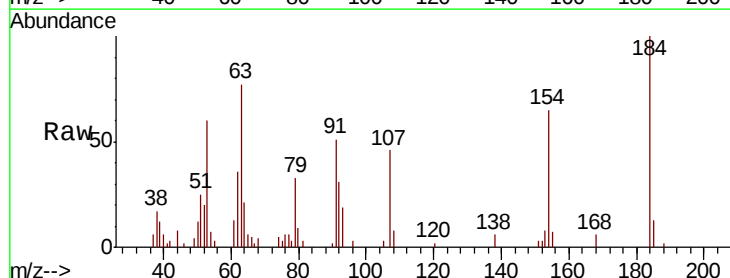


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

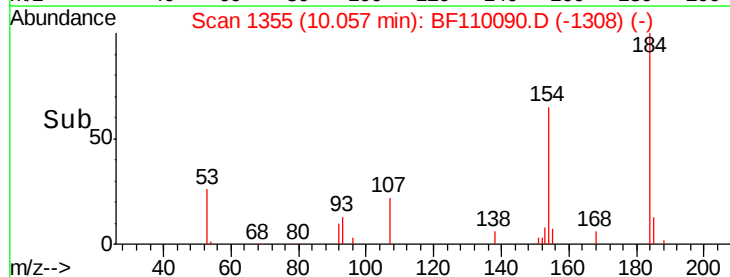
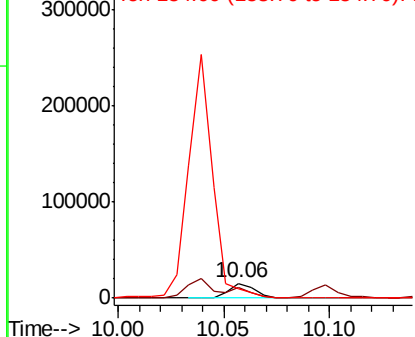


#54
2,4-Dinitrophenol
Concen: 10.473 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:184 Resp: 13249
Ion Ratio Lower Upper
184 100
63 76.9 55.8 83.6
154 65.1 63.2 94.8



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

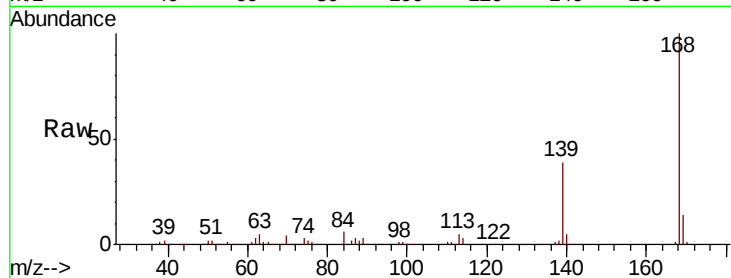




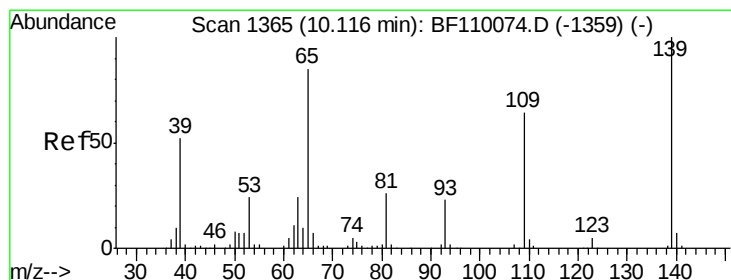
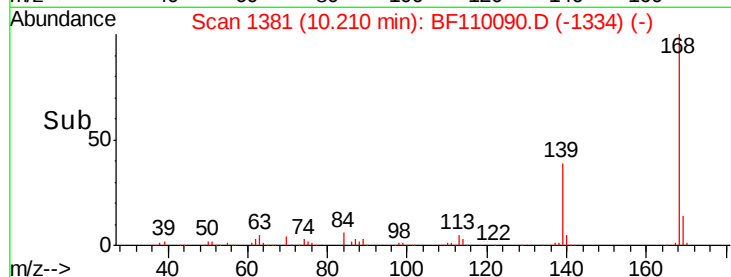
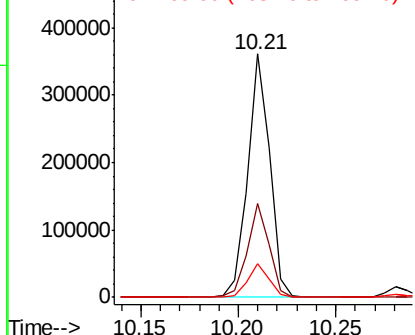
#55
Dibenzofuran
Concen: 8.573 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 281943
Ion Ratio Lower Upper
168 100
139 38.6 33.0 49.6
169 13.8 11.3 16.9

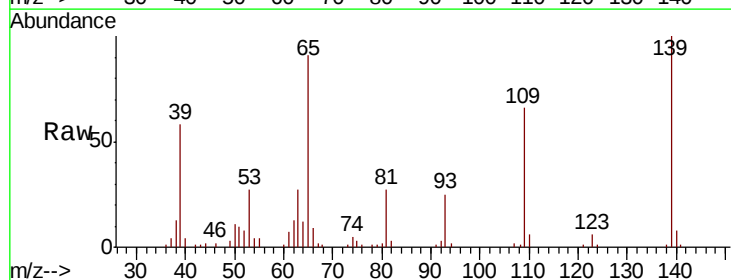


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

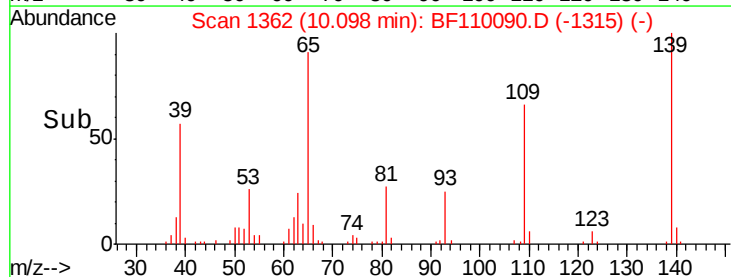
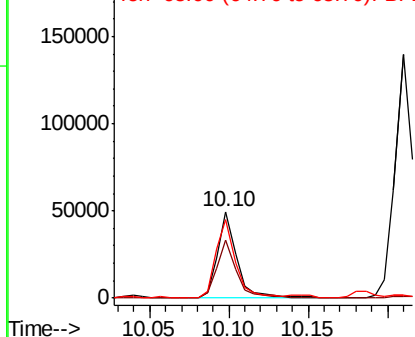


#56
4-Nitrophenol
Concen: 8.077 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:139 Resp: 41895
Ion Ratio Lower Upper
139 100
109 66.5 55.8 95.8
65 90.9 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

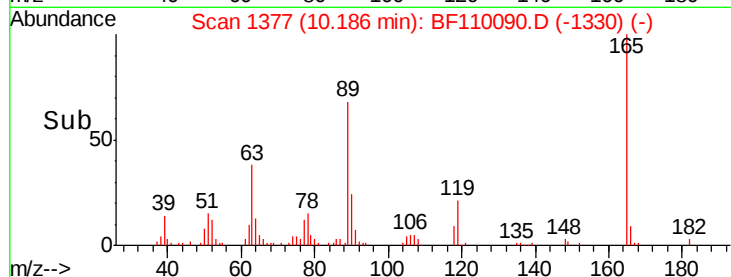
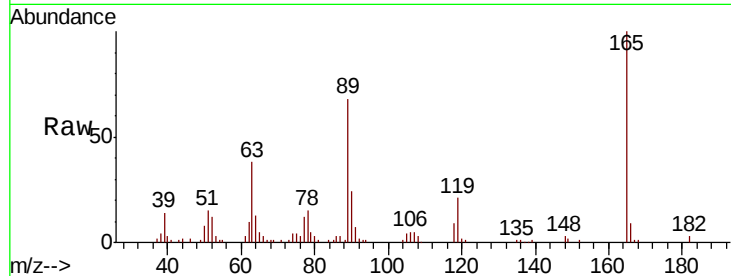




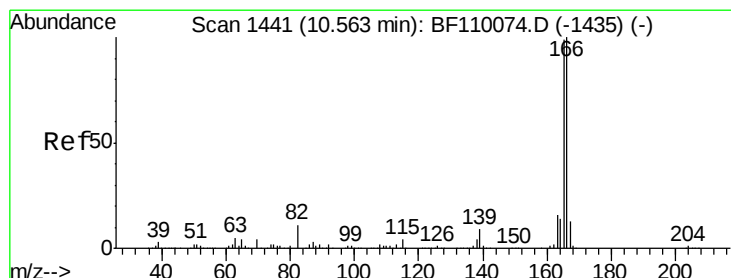
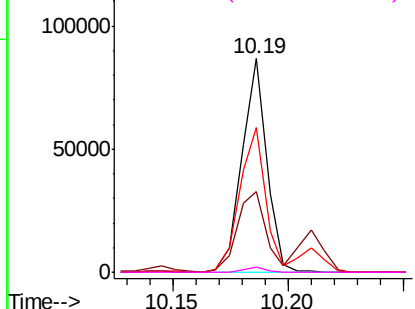
#57
2,4-Dinitrotoluene
Concen: 8.731 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.0	44.8	67.2#
89	67.5	62.2	93.4
182	2.5	2.1	3.1

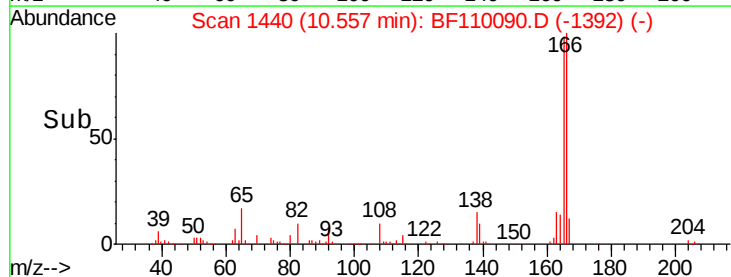
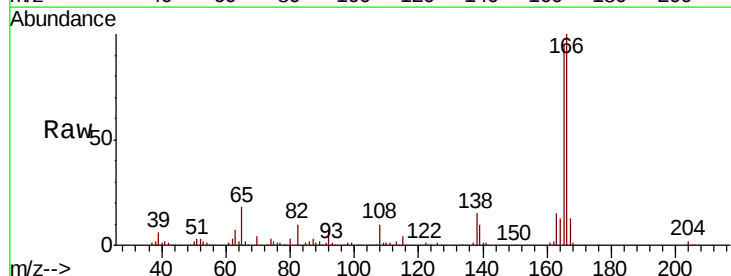


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

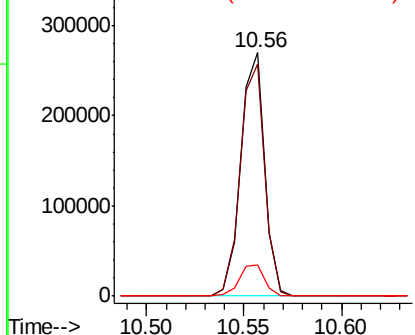


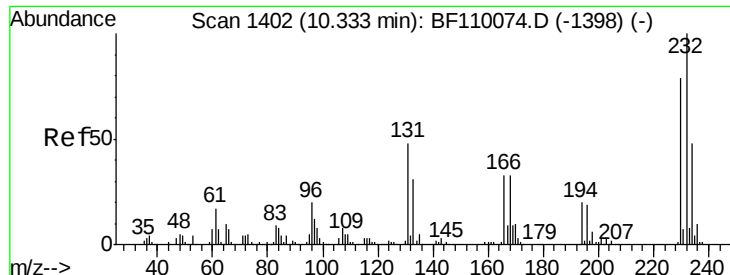
#58
Fluorene
Concen: 9.356 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	78.6	117.8
167	12.7	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

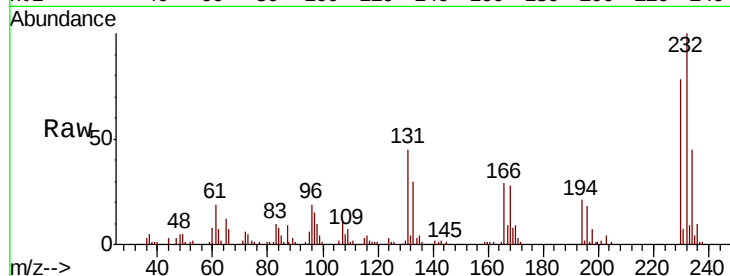




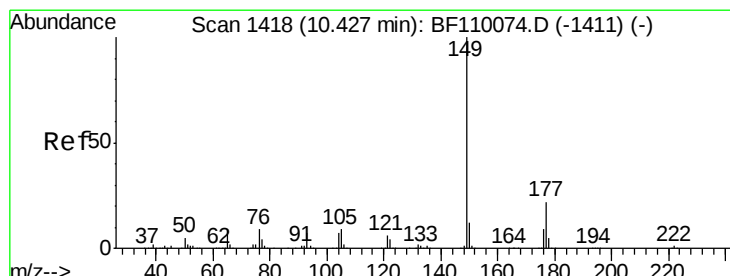
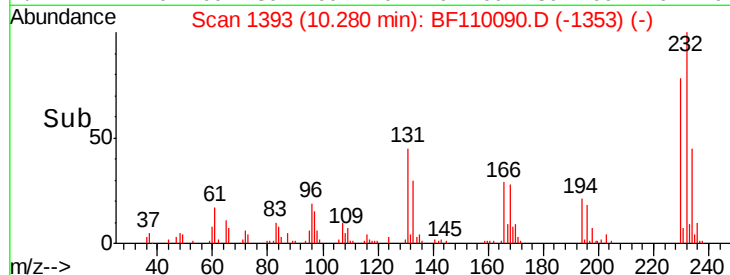
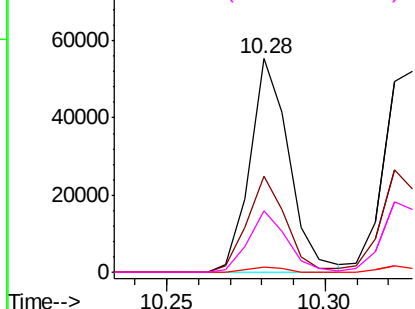
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.406 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.06 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 47528
Ion Ratio Lower Upper
232 100
131 44.9 37.0 55.4
130 2.1 1.8 2.6
166 28.2 22.0 33.0

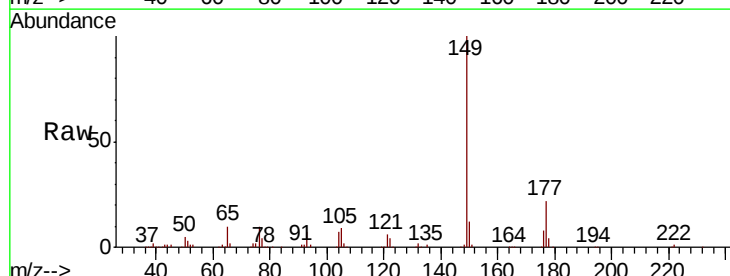


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

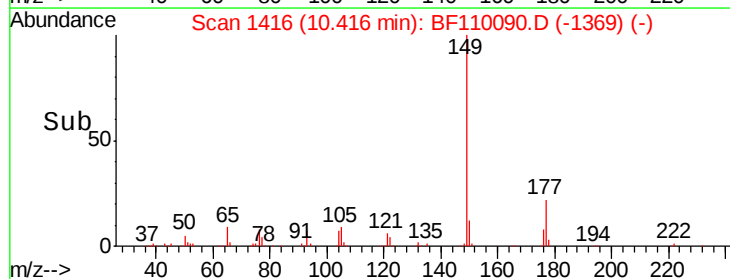
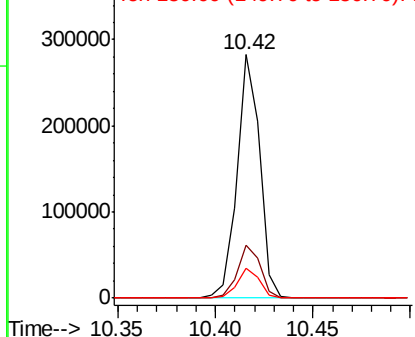


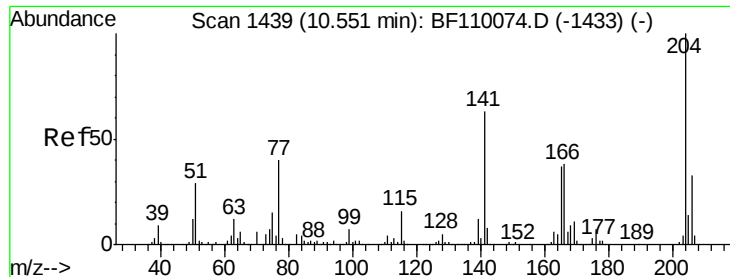
#60
Diethylphthalate
Concen: 8.484 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:149 Resp: 226584
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.3 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

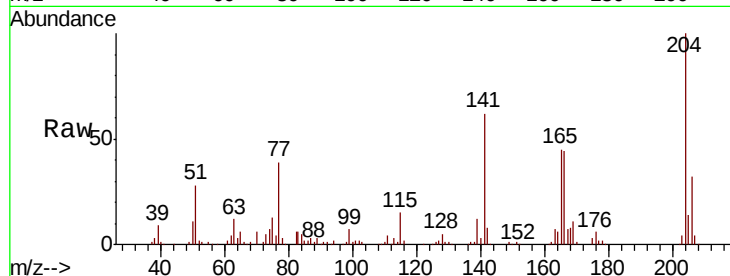




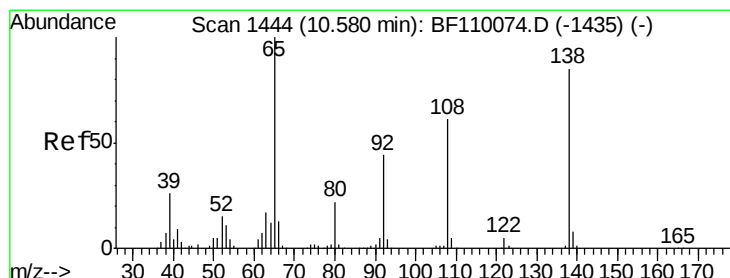
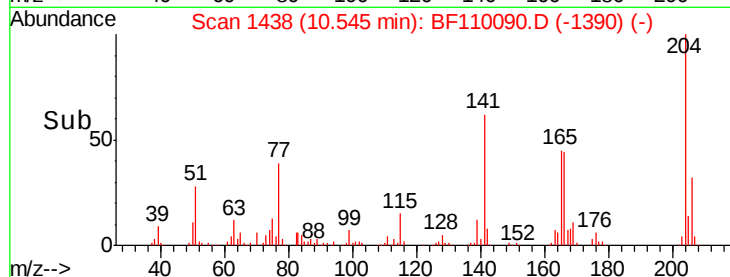
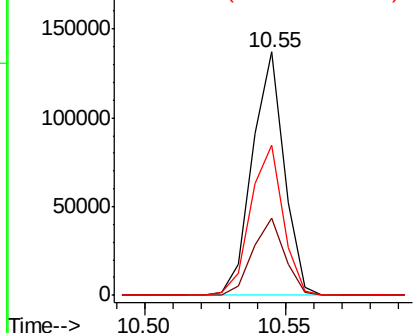
#61
4-Chlorophenyl-phenylether
Concen: 8.330 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 107556
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 61.5 51.8 77.8

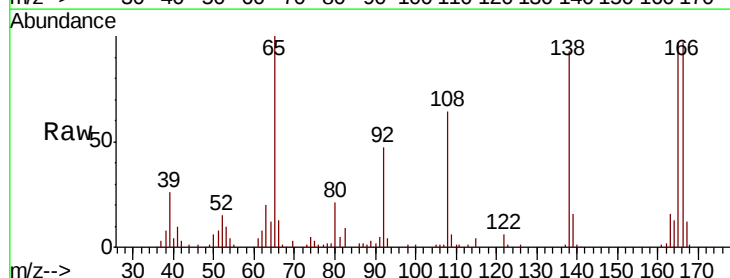


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

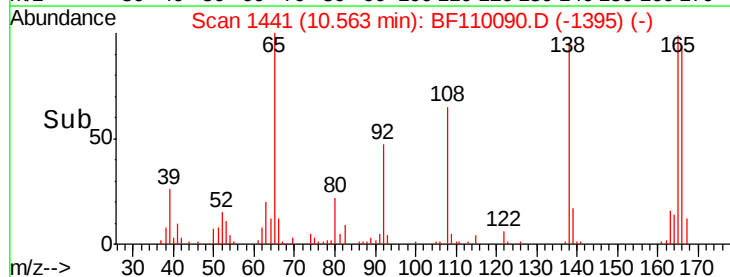
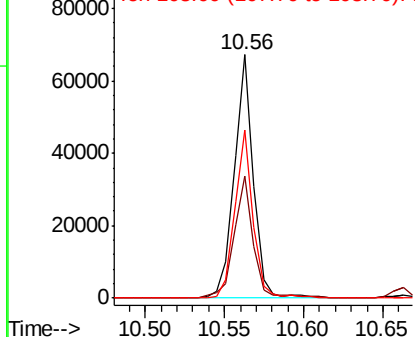


#62
4-Nitroaniline
Concen: 8.062 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:138 Resp: 56189
Ion Ratio Lower Upper
138 100
92 50.2 31.7 71.7
108 69.0 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

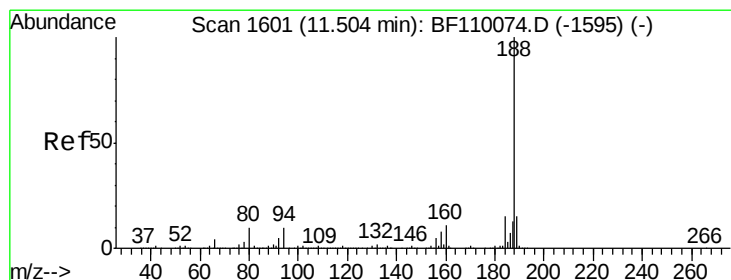
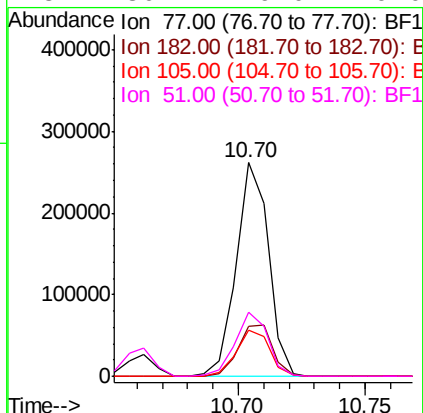
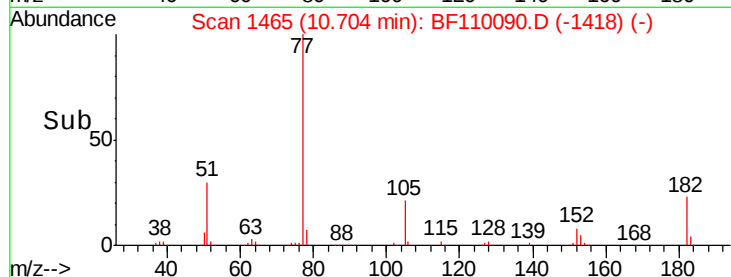
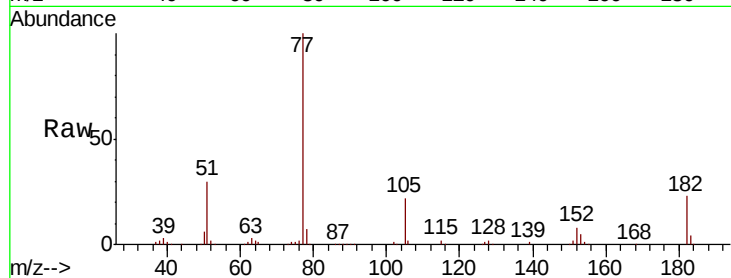




#63
Azobenzene
Concen: 8.727 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

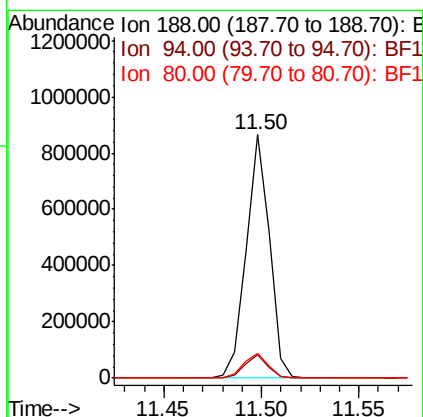
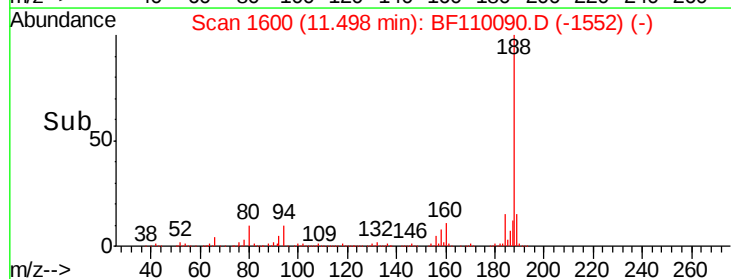
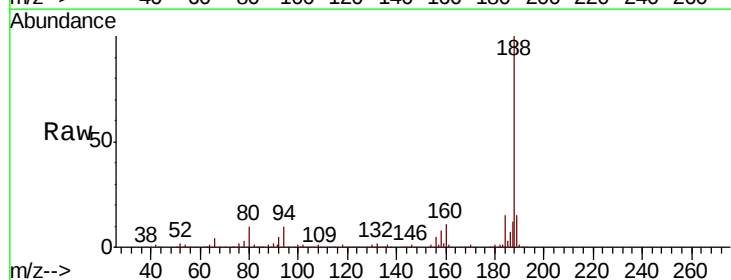
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	231345
Ion	Ratio	Lower	Upper
77	100		
182	23.3	4.3	44.3
105	21.7	1.3	41.3
51	30.2	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:	188	Resp:	713606
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.4	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 6.292 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.03 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

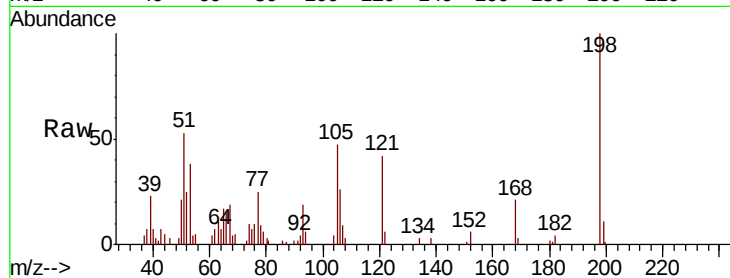
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 20515

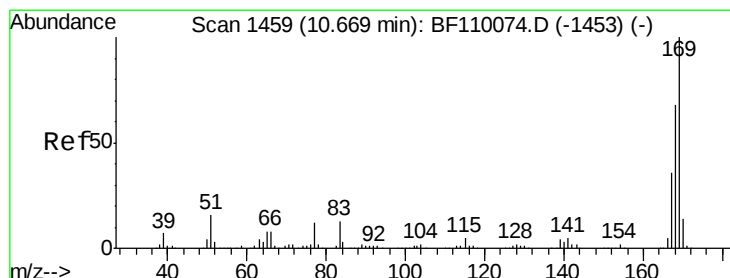
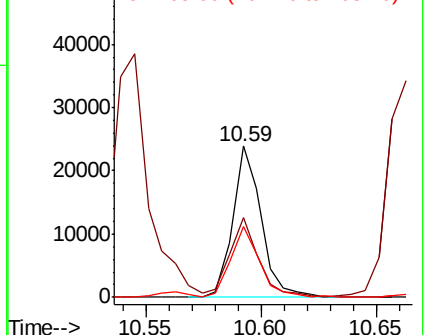
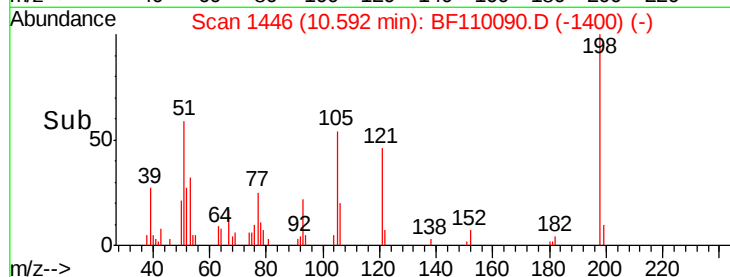
Ion	Ratio	Lower	Upper
198	100		
51	52.9	22.8	62.8
105	47.3	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 8.436 ng

RT: 10.66 min Scan# 1458

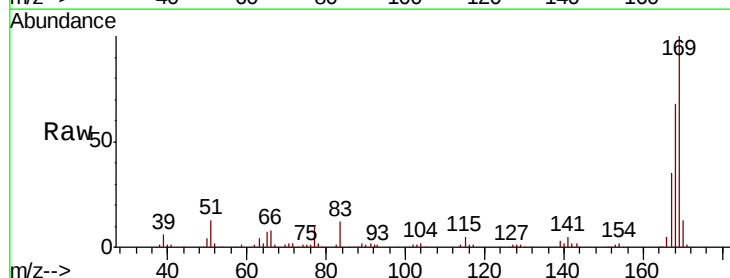
Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Tgt Ion:169 Resp: 197460

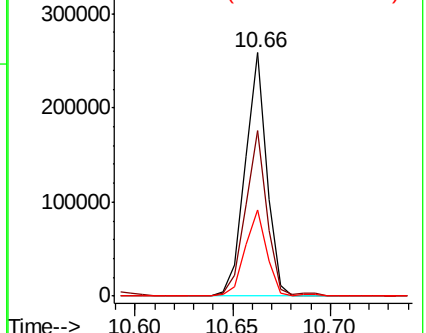
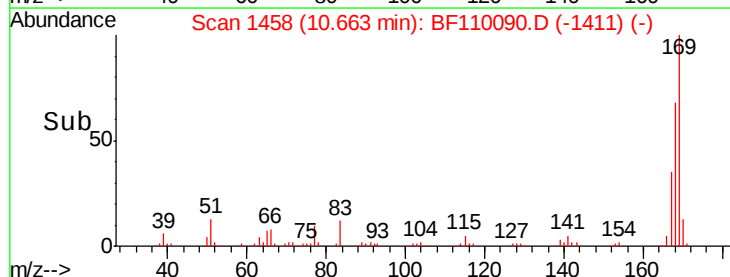
Ion	Ratio	Lower	Upper
169	100		
168	67.9	51.2	76.8
167	35.2	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

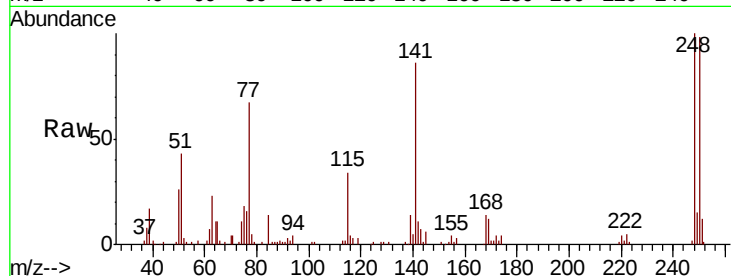




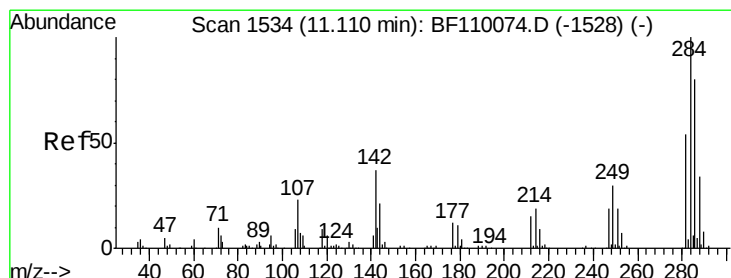
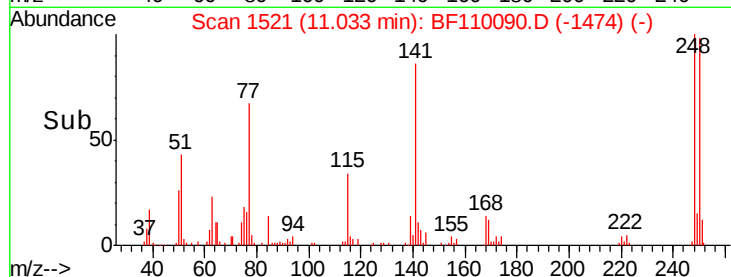
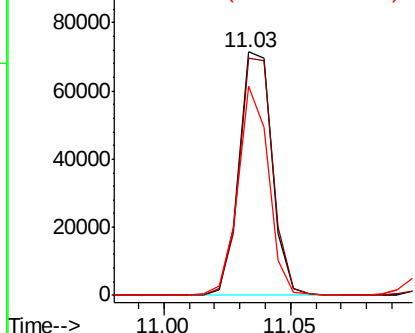
#67
4-Bromophenyl-phenylether
Concen: 8.334 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 64508
Ion Ratio Lower Upper
248 100
250 97.5 79.4 119.2
141 85.9 55.9 83.9#

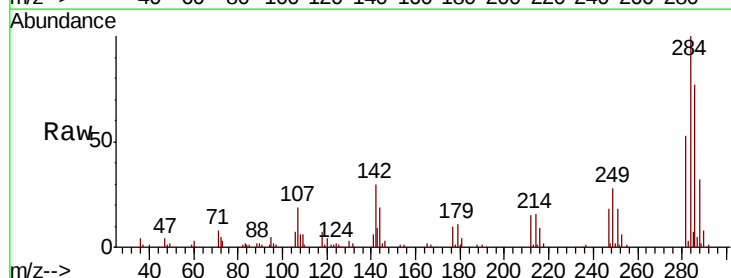


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

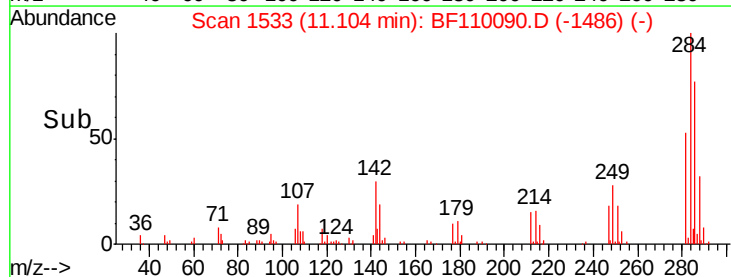
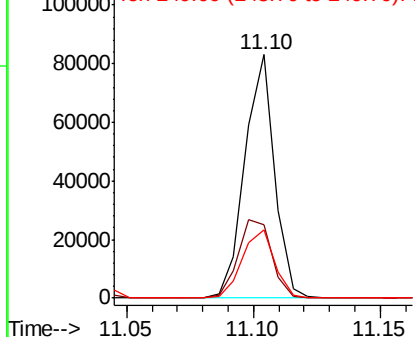


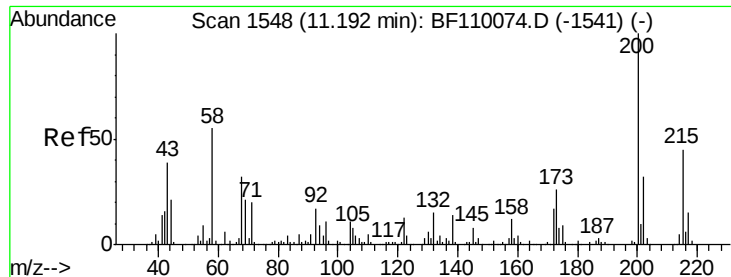
#68
Hexachlorobenzene
Concen: 8.216 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:284 Resp: 67474
Ion Ratio Lower Upper
284 100
142 30.3 23.9 35.9
249 28.3 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

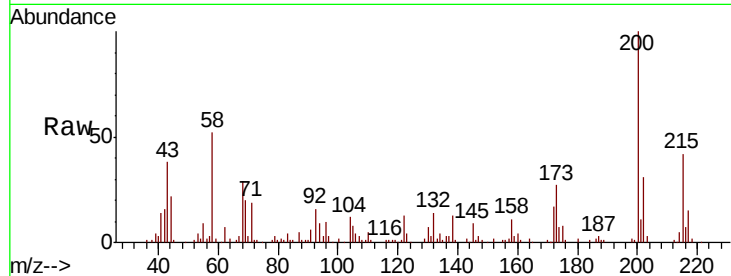




#69
 Atrazine
 Concen: 8.580 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.6	46.6
215	42.0	26.3	66.3

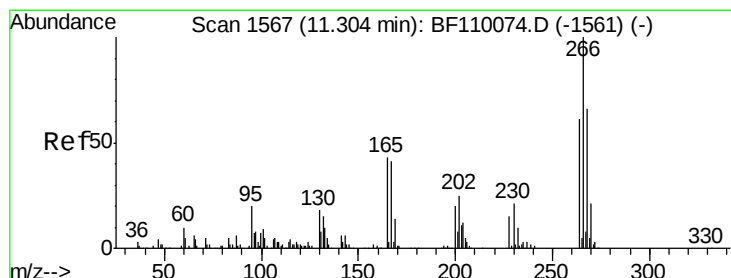
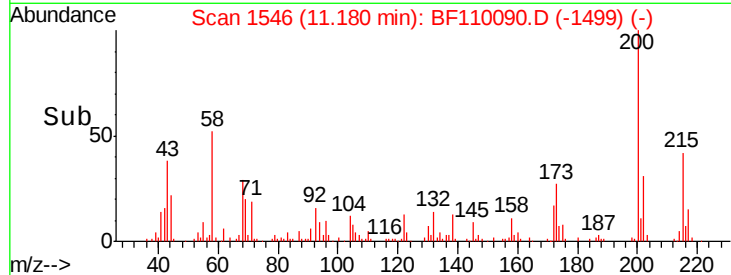
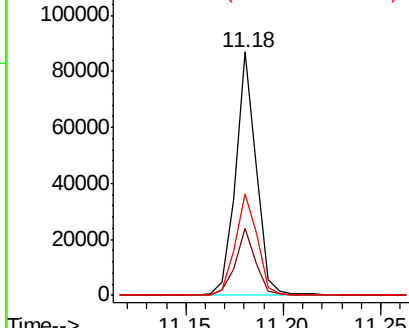


Abundance

Ion 200.00 (199.70 to 200.70): E

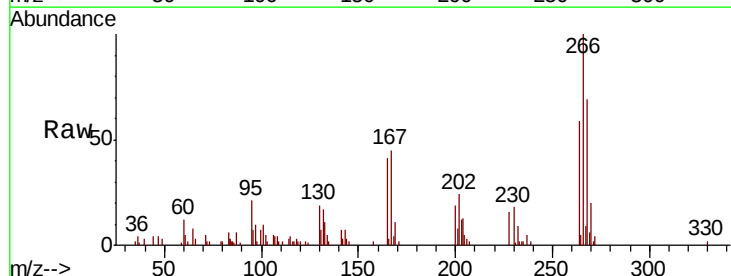
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 5.758 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.8	50.6	75.8
264	59.3	50.6	75.8

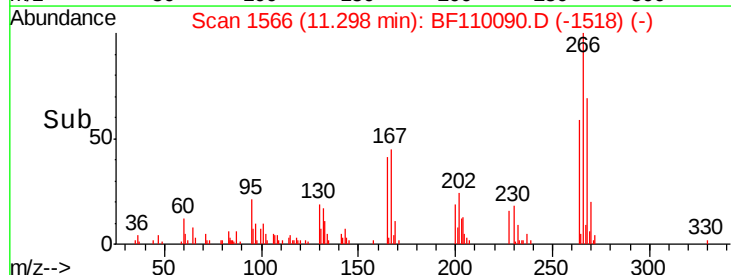
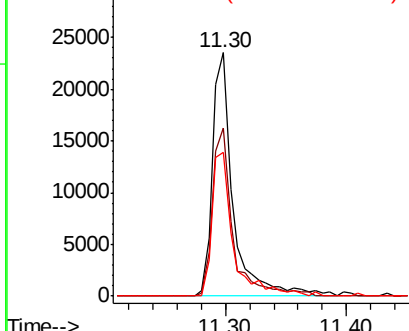


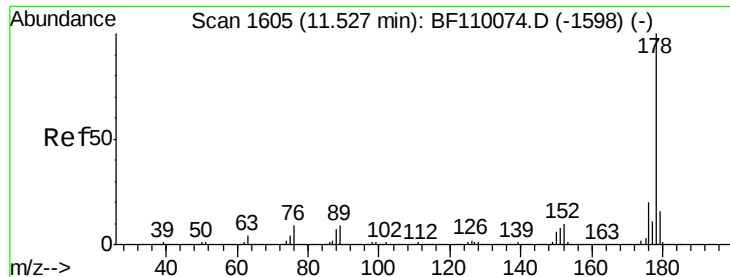
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

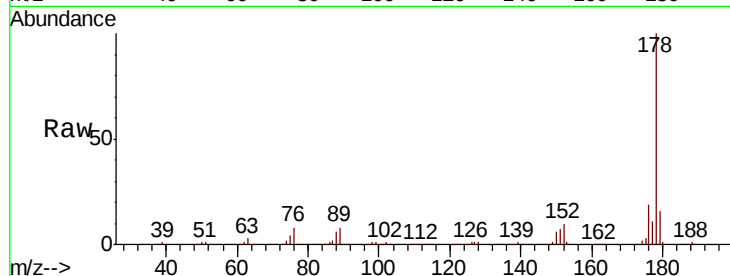




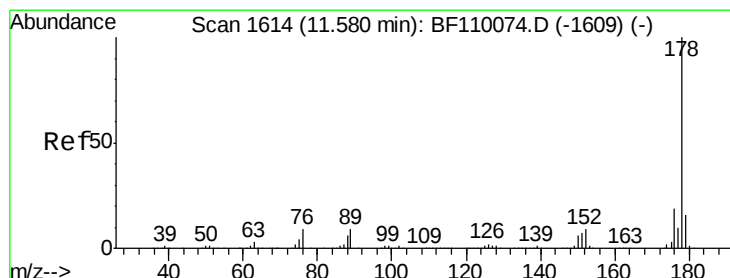
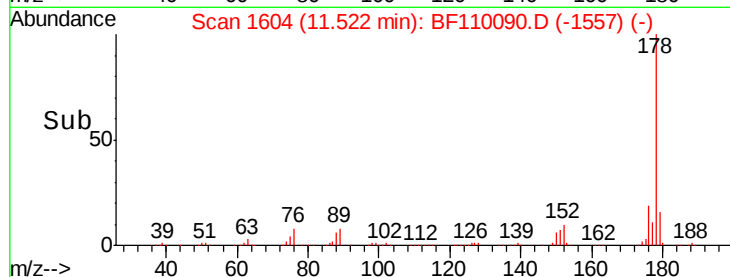
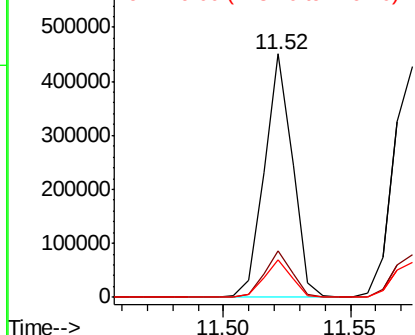
#71
Phenanthrene
Concen: 9.382 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 350307
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.5 18.7

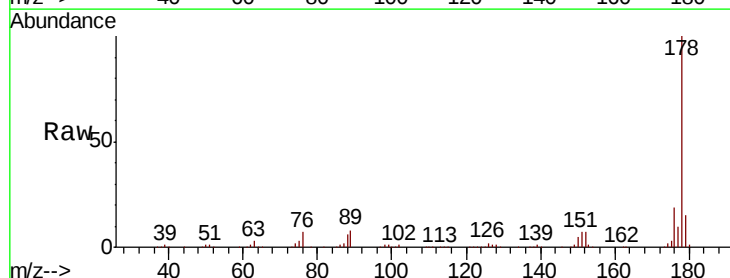


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

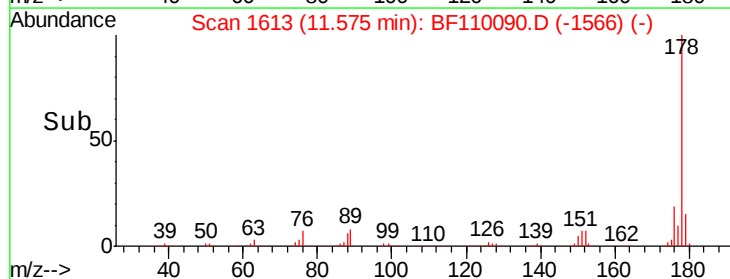
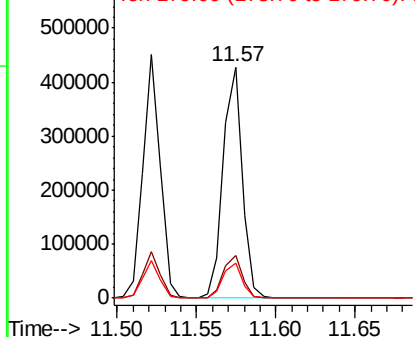


#72
Anthracene
Concen: 9.561 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:178 Resp: 357835
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.4 12.6 18.8



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

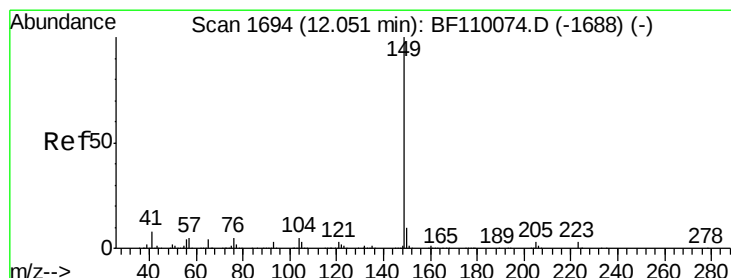
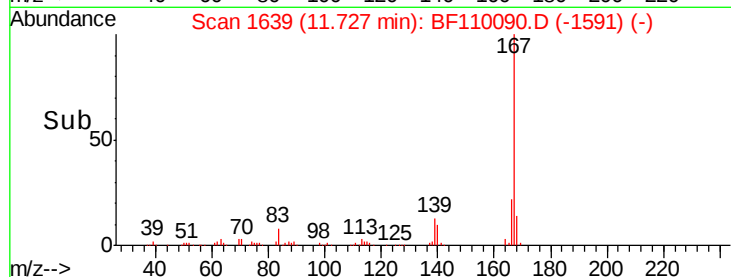
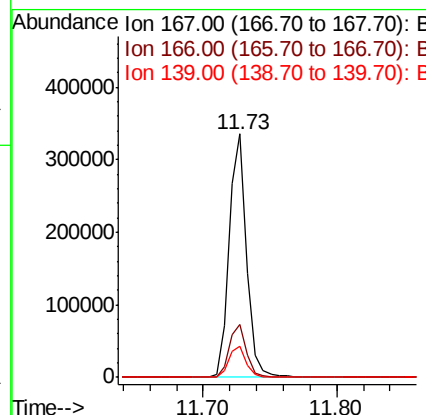
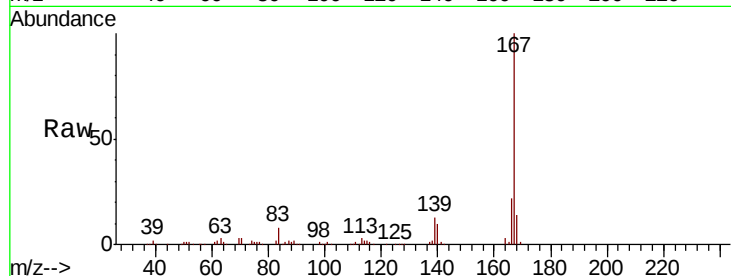




#73
 Carbazole
 Concen: 8.432 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

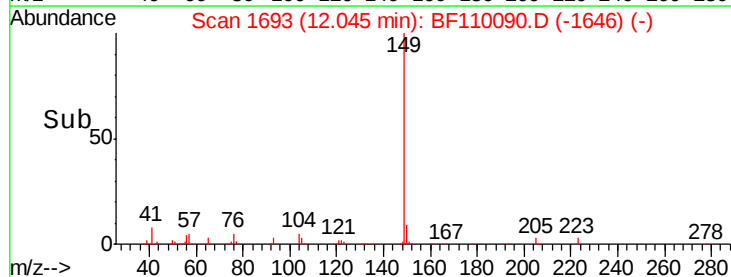
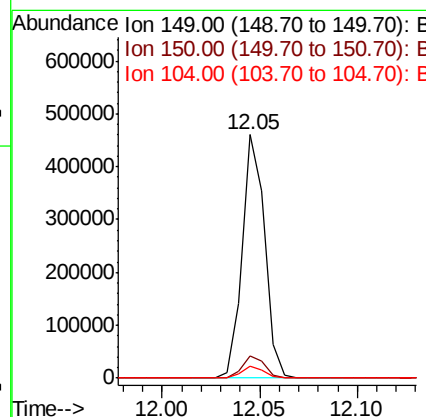
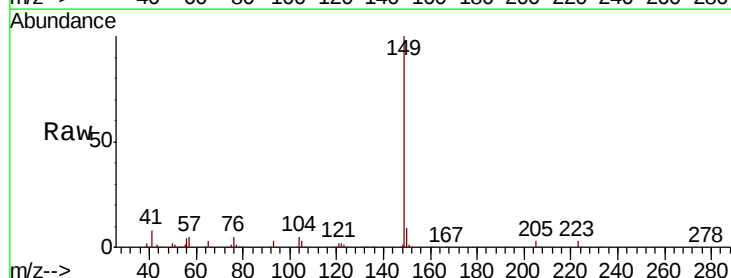
Instrument :
 BNA_F
 ClientSampleId :

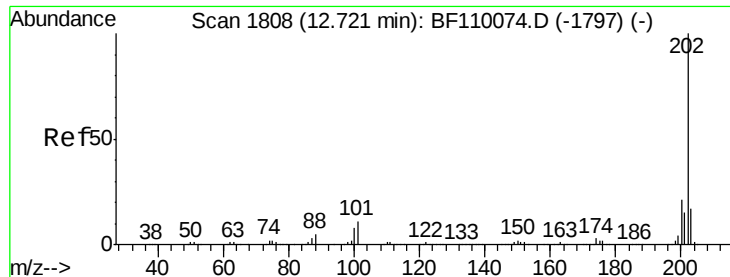
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	12.5	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 8.863 ng
 RT: 12.05 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.0	4.2	6.4

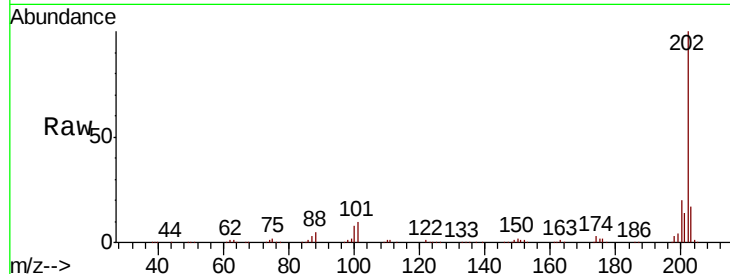




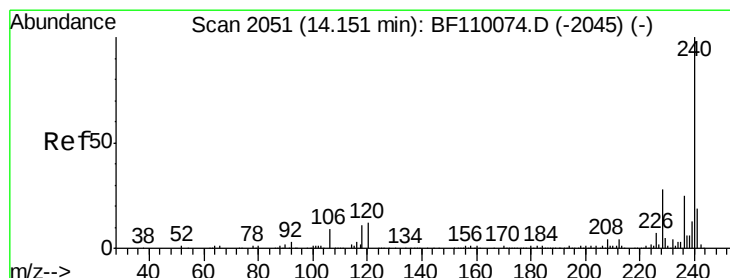
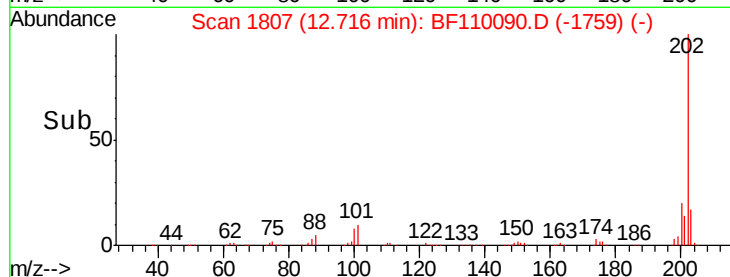
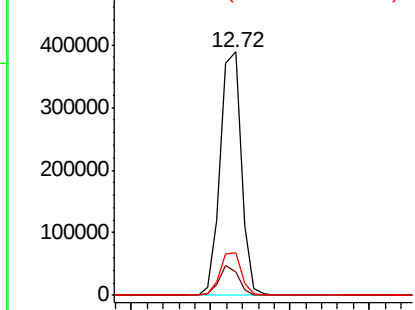
#75
 Fluoranthene
 Concen: 9.502 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.4
203	17.4	0.0	37.7

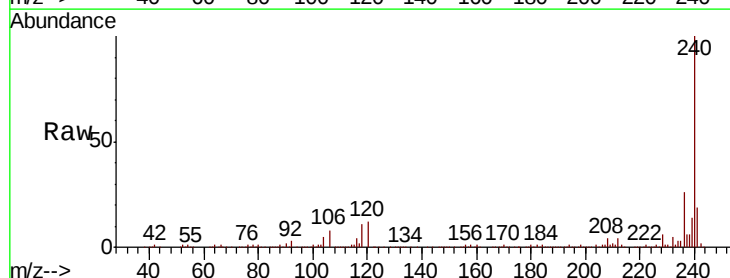


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

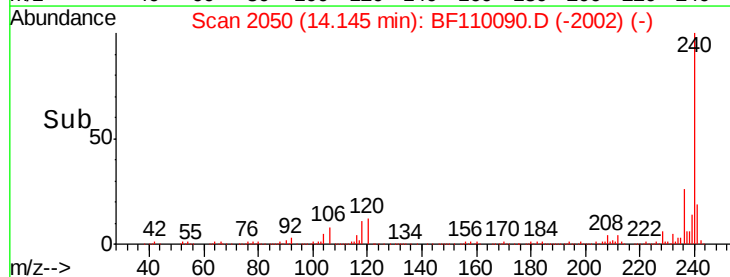
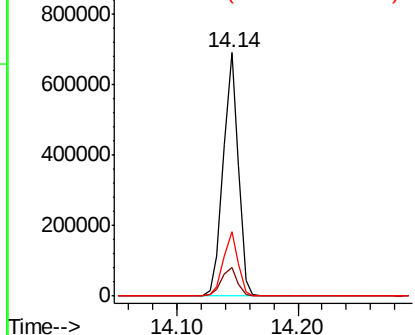


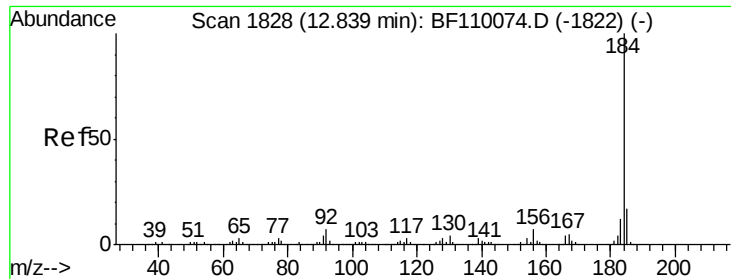
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110090.D
 Acq: 23 Oct 2018 21:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.2	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: 4.001 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

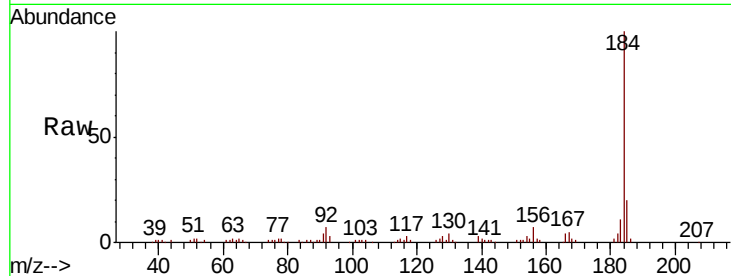
Tot Ion:184 Resp: 97390

Ion Ratio Lower Upper

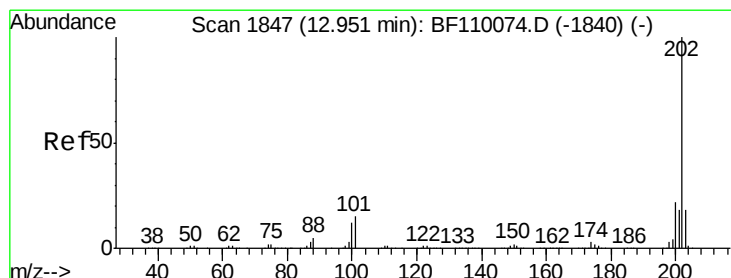
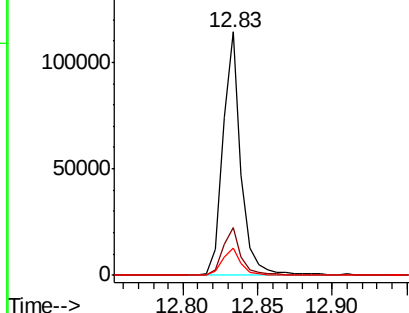
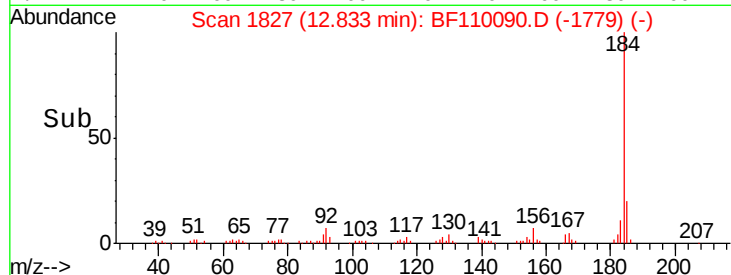
184 100

185 19.6 13.4 20.2

183 11.4 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: 8.397 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

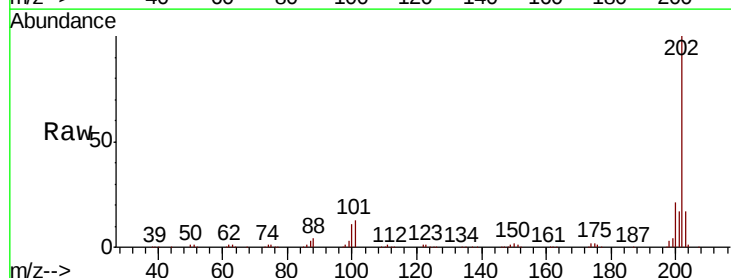
Tgt Ion:202 Resp: 357455

Ion Ratio Lower Upper

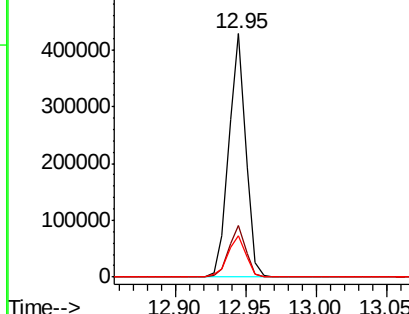
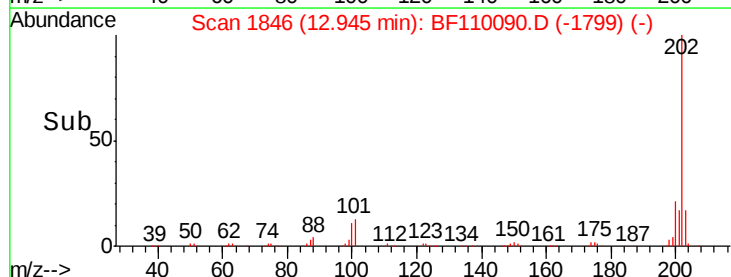
202 100

200 21.2 17.8 26.6

203 16.7 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: 69.551 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

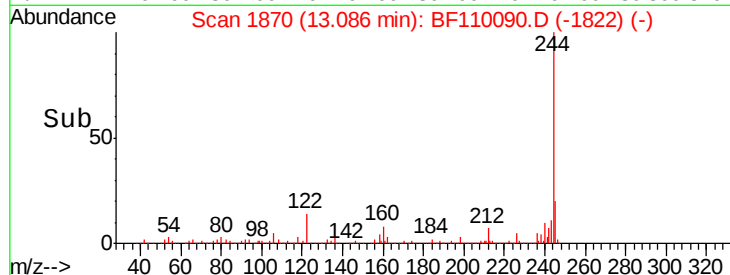
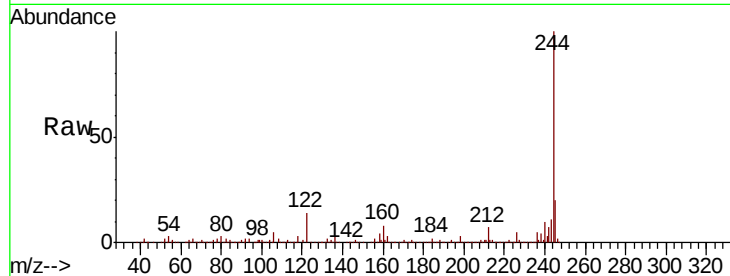
Tot Ion:244 Resp: 1985847

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

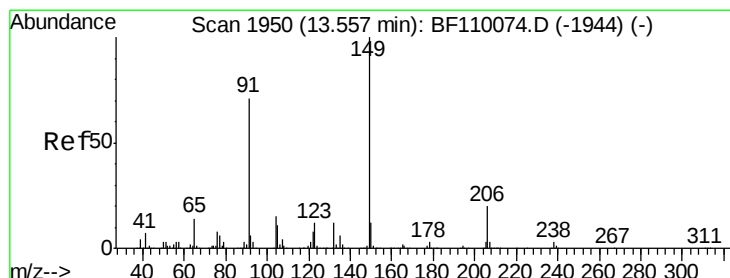
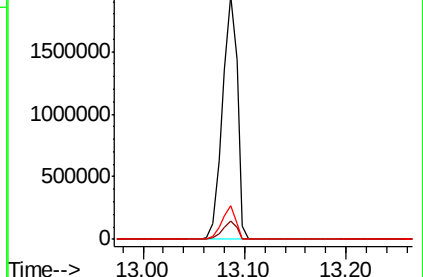
122 13.7 8.7 13.1#



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: 7.930 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

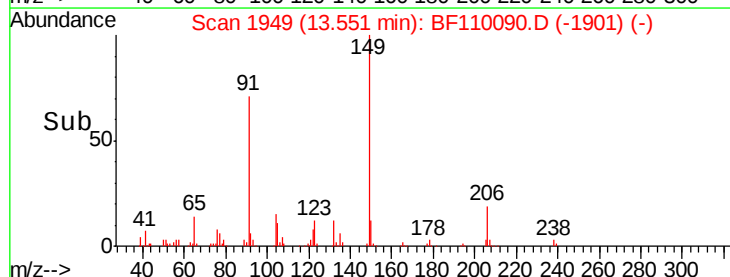
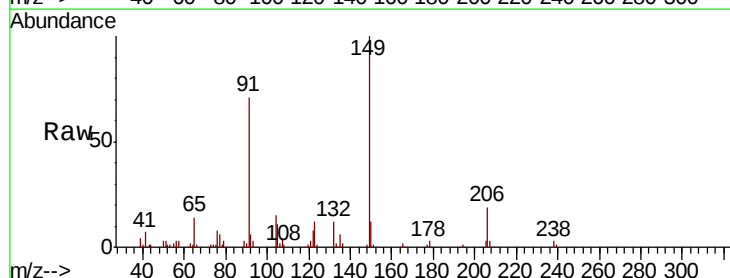
Tgt Ion:149 Resp: 146532

Ion Ratio Lower Upper

149 100

91 71.1 57.2 85.8

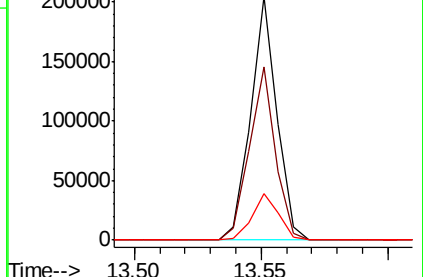
206 19.0 15.7 23.5

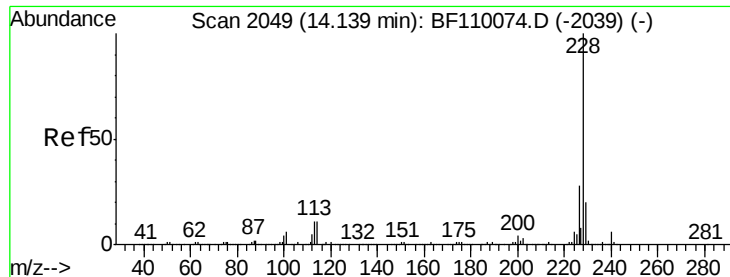


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.985 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

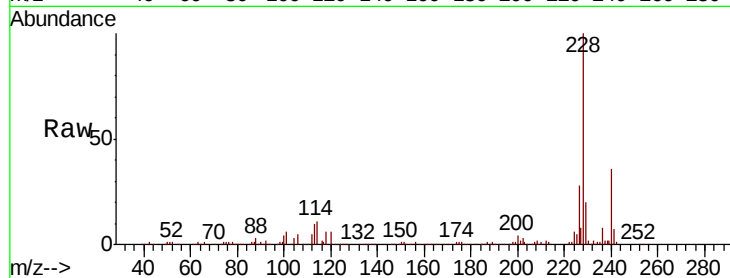
Tot Ion:228 Resp: 316412

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.6 15.6 23.4

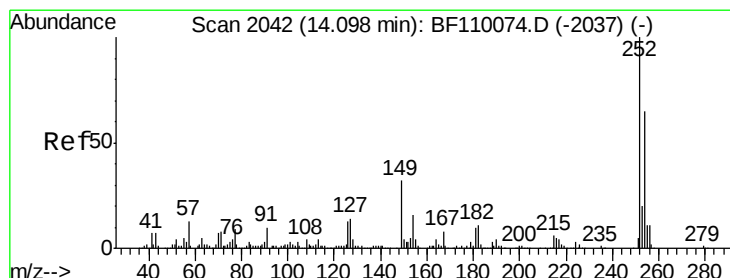
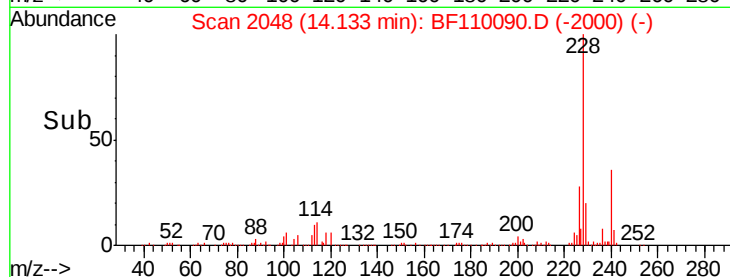
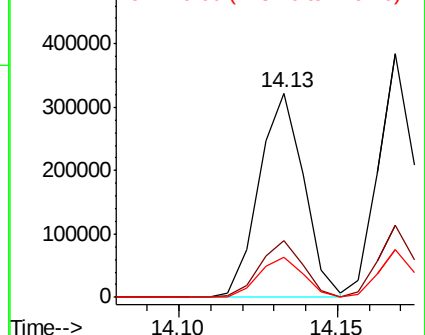


Abundance

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: 6.852 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

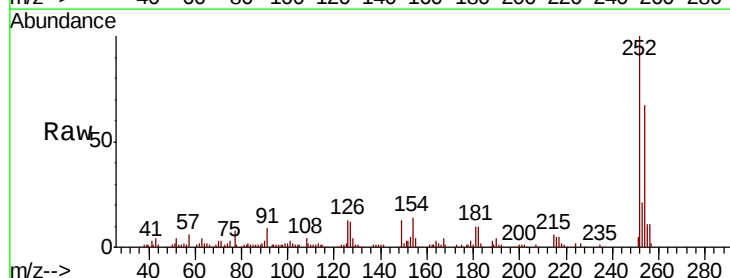
Tgt Ion:252 Resp: 84019

Ion Ratio Lower Upper

252 100

254 67.3 51.3 76.9

126 13.0 9.4 14.2

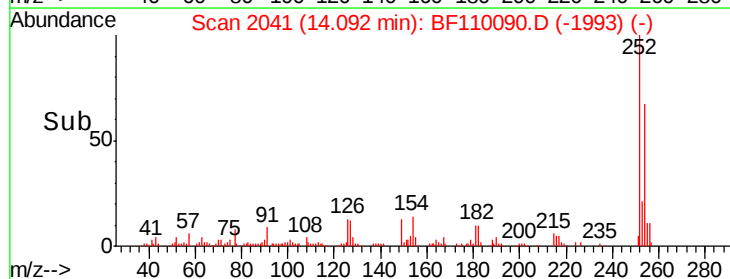
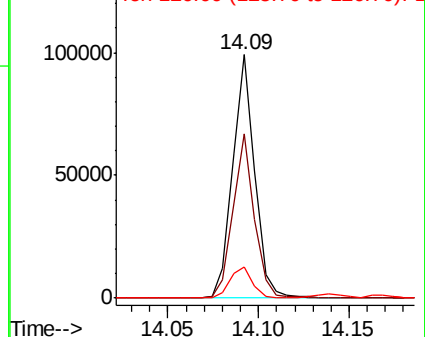


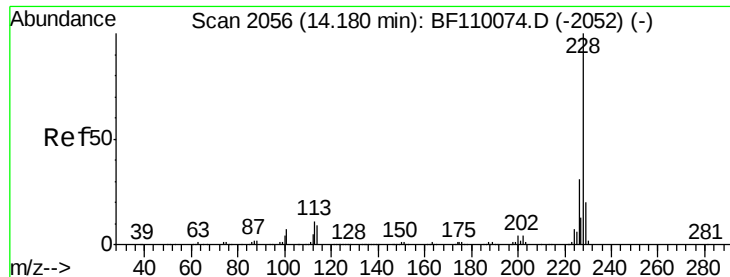
Abundance

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

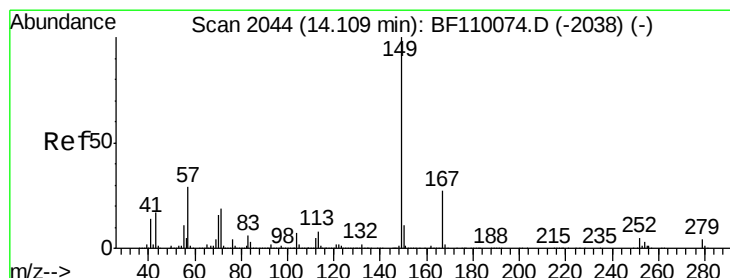
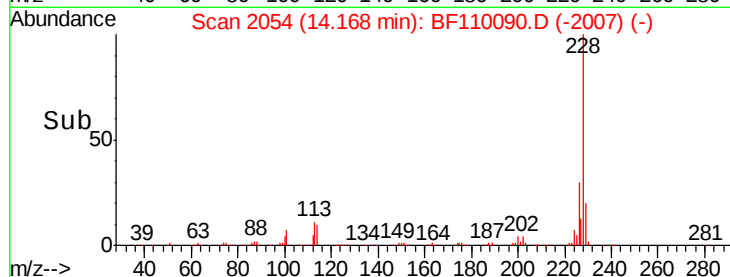
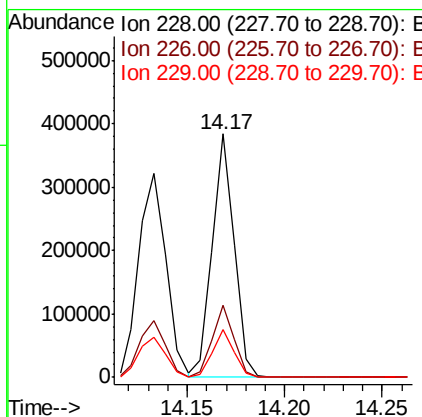
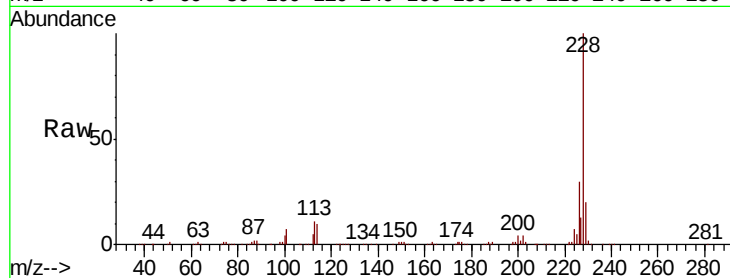




#83
Chrysene
Concen: 8.989 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

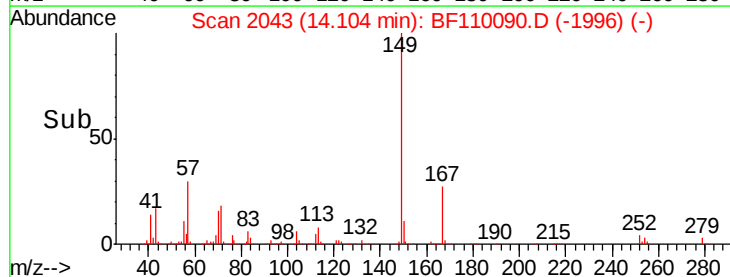
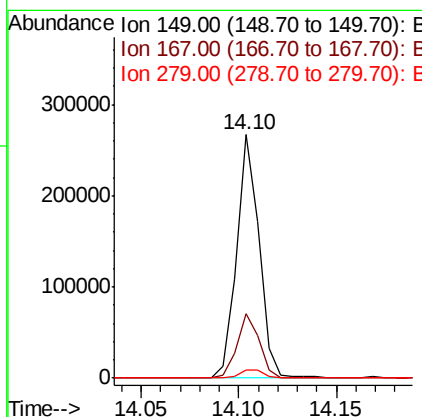
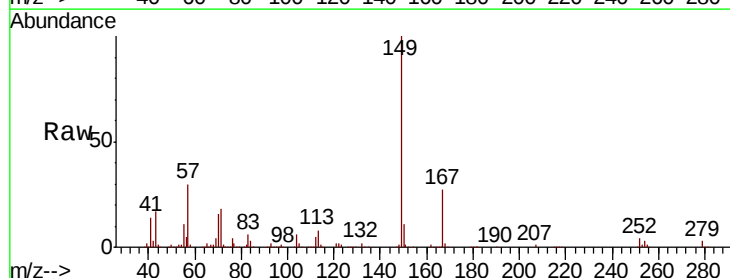
Instrument :
BNA_F
ClientSampled :

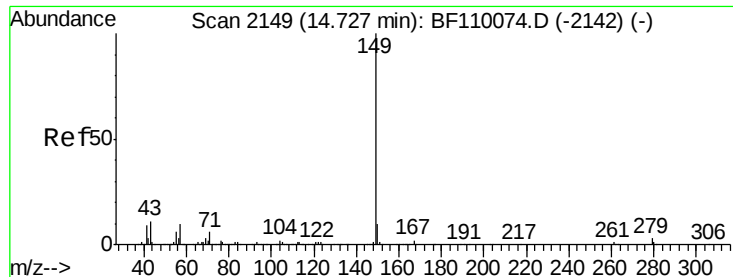
Tot Ion:228 Resp: 300638
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 19.5 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.516 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:149 Resp: 212707
Ion Ratio Lower Upper
149 100
167 26.6 19.8 29.8
279 3.2 2.7 4.1

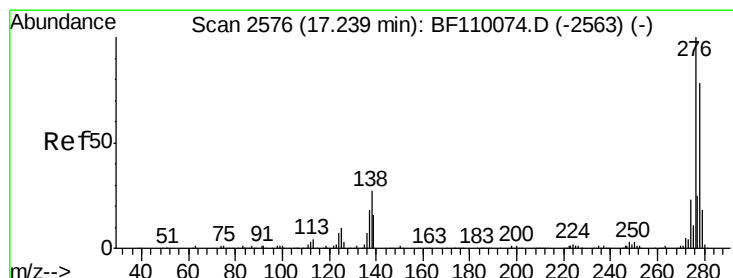
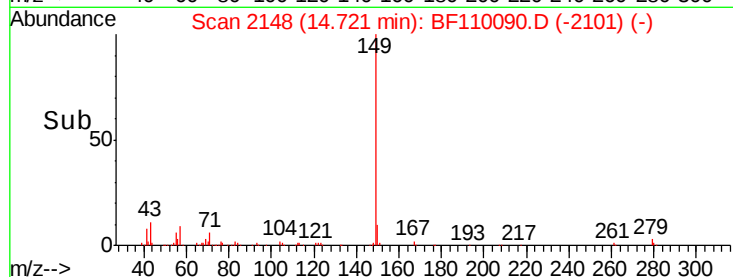
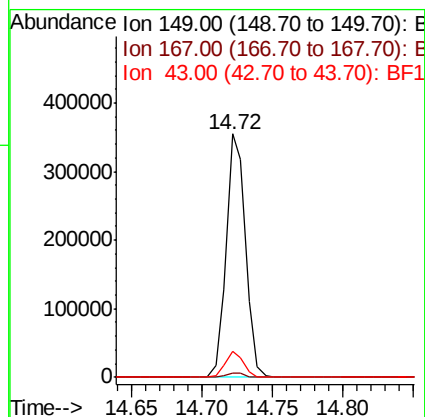
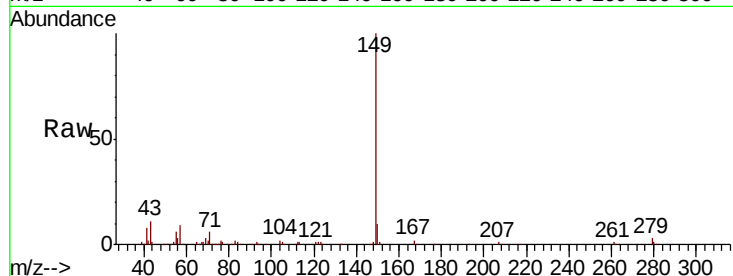




#85
Di-n-octyl phthalate
Concen: 8.644 ng
RT: 14.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

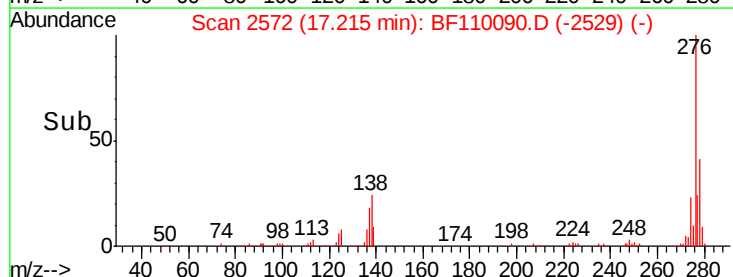
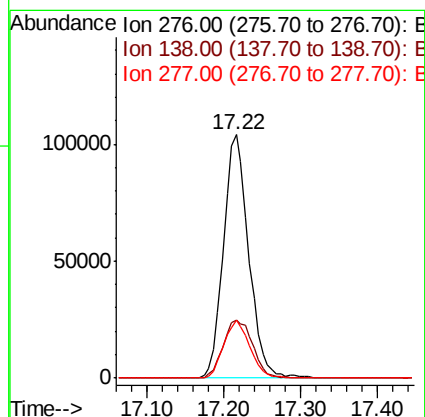
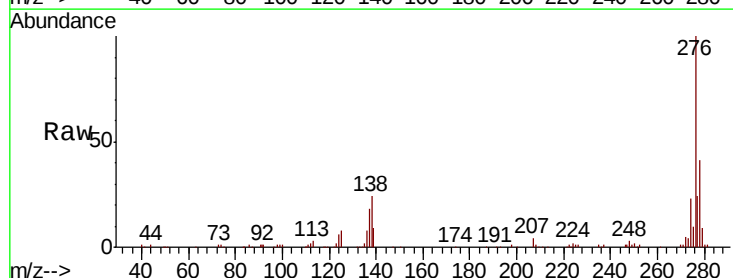
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 335718
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.4 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 8.518 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.05 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:276 Resp: 236361
Ion Ratio Lower Upper
276 100
138 28.0 18.5 27.7#
277 24.5 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Instrument :

BNA_F

ClientSampleId :

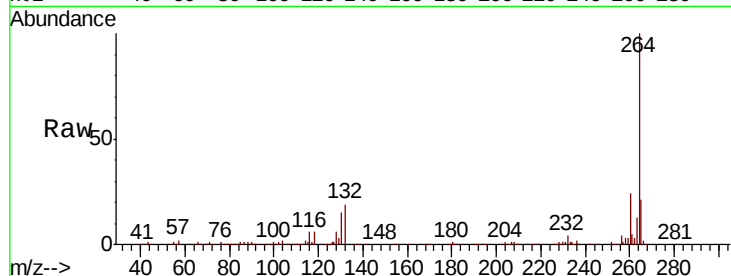
Tot Ion:264 Resp: 508609

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

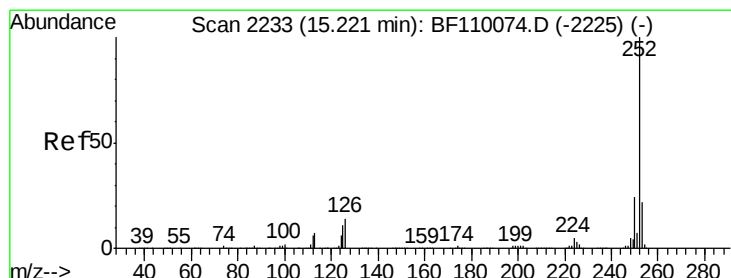
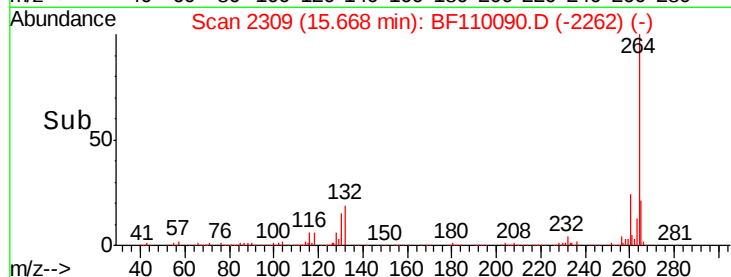
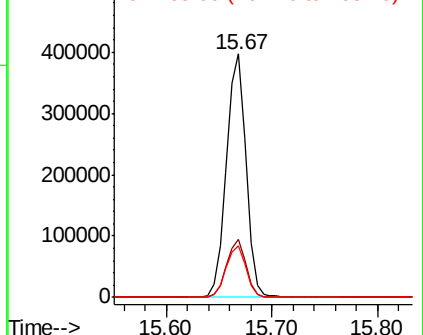
265 21.2 16.7 25.1



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: 8.966 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.02 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

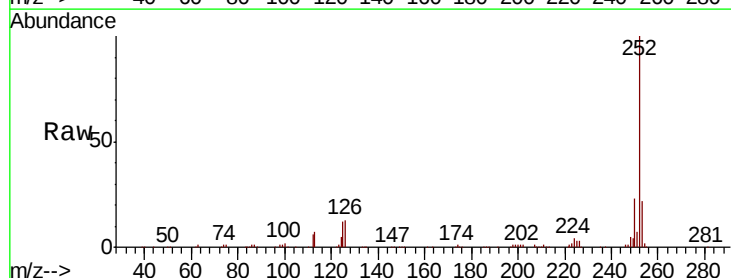
Tgt Ion:252 Resp: 263348

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

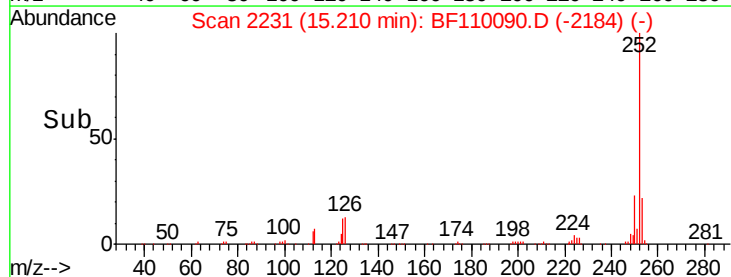
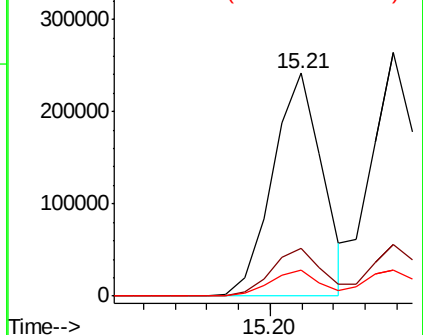
125 11.9 8.2 12.4

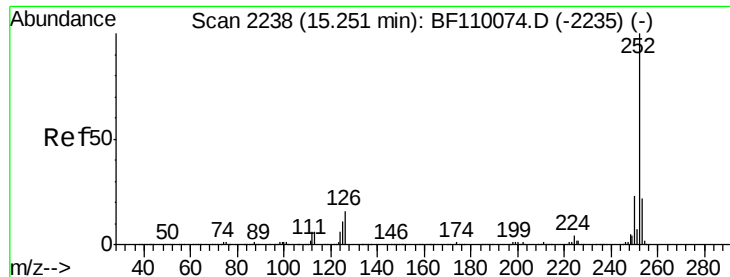


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

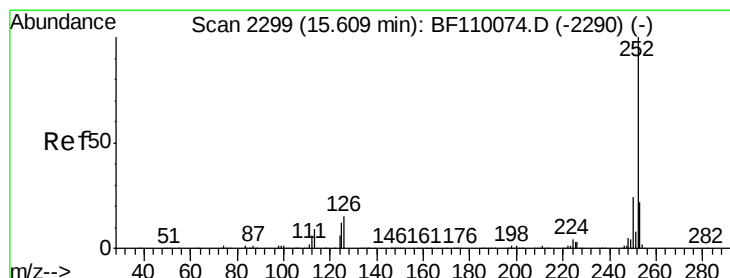
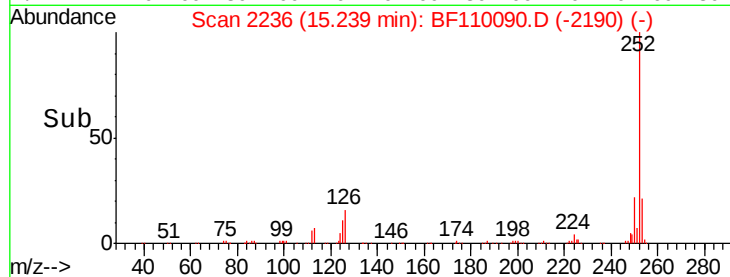
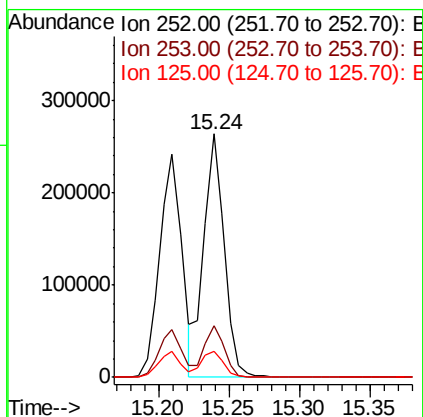
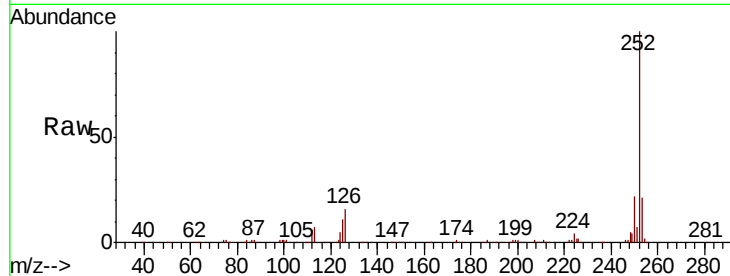




#89
Benzo(k)fluoranthene
Concen: 9.220 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

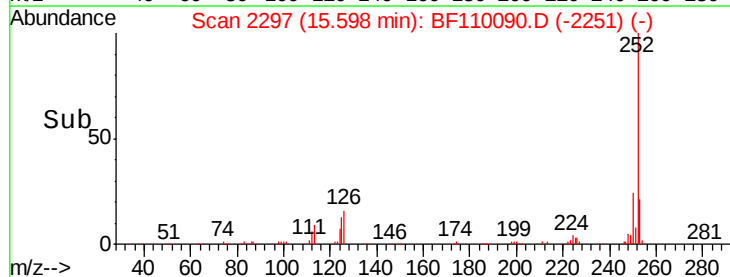
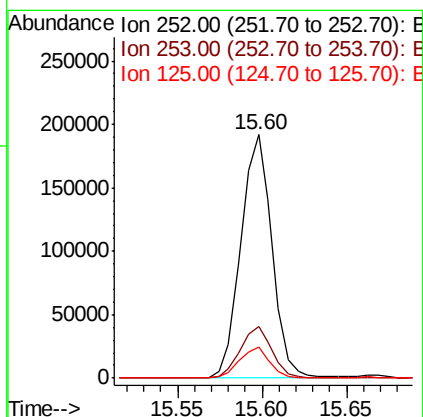
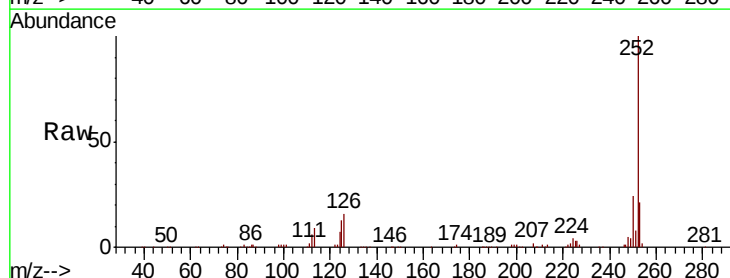
Instrument :
BNA_F
ClientSampleId :

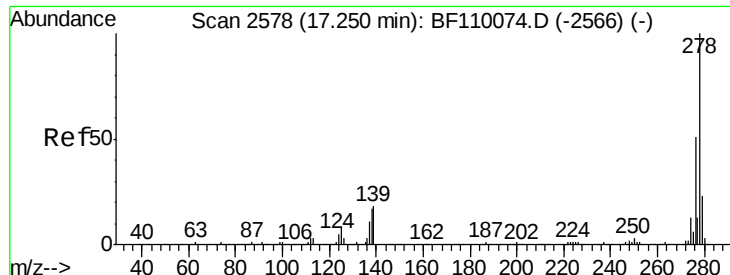
Tot Ion:252 Resp: 266223
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 10.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 9.124 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110090.D
Acq: 23 Oct 2018 21:04

Tgt Ion:252 Resp: 246580
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 12.7 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 8.370 ng

RT: 17.23 min Scan# 2575

Delta R.T. -0.05 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

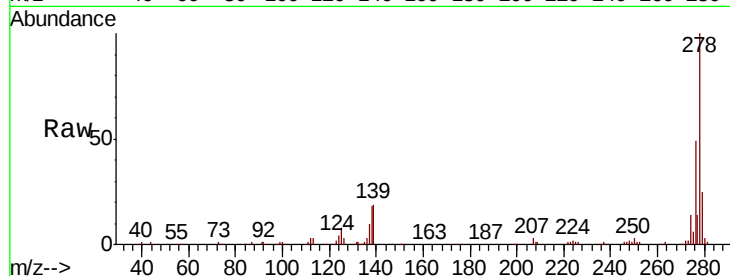
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 195170

Ion	Ratio	Lower	Upper
278	100		
139	18.7	12.7	19.1
279	24.7	19.0	28.4

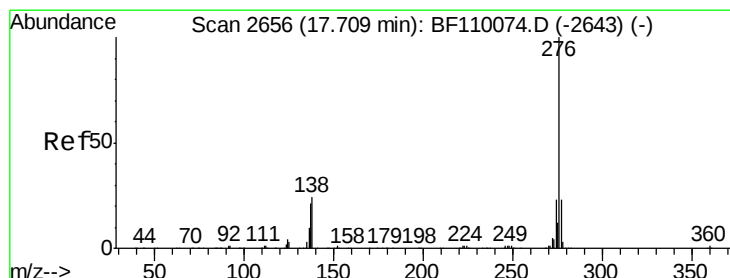
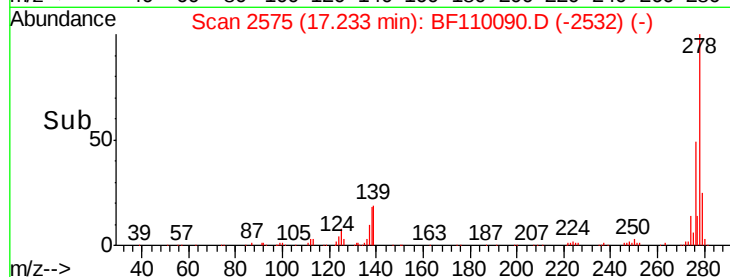
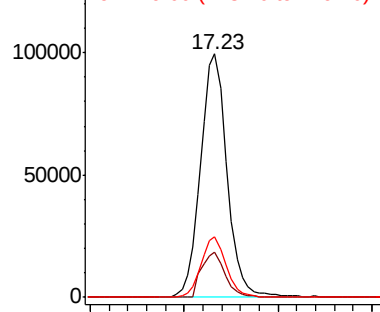


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 8.164 ng

RT: 17.69 min Scan# 2652

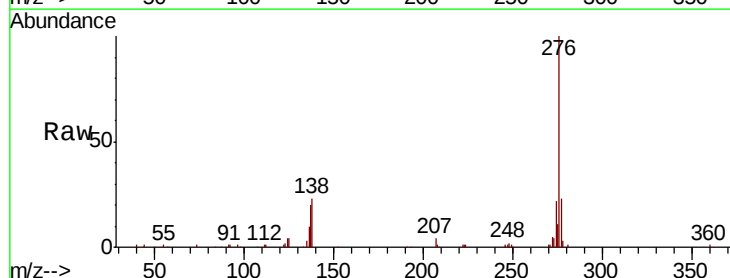
Delta R.T. -0.05 min

Lab File: BF110090.D

Acq: 23 Oct 2018 21:04

Tgt Ion:276 Resp: 187594

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	22.8	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

