

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110159.D
 Acq On : 25 Oct 2018 14:06
 Operator : JU/SJ
 Sample : J5618-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:26:20 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	6.97	152	181525	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	708235	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	324588	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	555366	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	285735	20.00	ng	-0.01
87) Perylene-d12	15.68	264	296887	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1352168	121.30	ng	0.00
7) Phenol-d6	6.60	99	1753285	122.97	ng	0.00
23) Nitrobenzene-d5	7.54	82	1107197	92.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	397462	123.62	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1824123	88.25	ng	-0.01
79) Terphenyl-d14	13.09	244	1357249	98.79	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	152547	26.120	ng	90
3) Pyridine	3.67	79	422045	32.445	ng	# 86
4) n-Nitrosodimethylamine	3.63	42	244592	44.881	ng	# 94
6) Aniline	6.64	93	394007	21.214	ng	# 53
8) 2-Chlorophenol	6.76	128	519050	40.388	ng	96
9) Benzaldehyde	6.52	77	276370	31.389	ng	96
10) Phenol	6.62	94	753553	49.443	ng	# 67
11) bis(2-Chloroethyl)ether	6.71	93	487297	38.863	ng	97
12) 1,3-Dichlorobenzene	6.91	146	528052	37.336	ng	99
13) 1,4-Dichlorobenzene	6.99	146	537341	37.566	ng	98
14) 1,2-Dichlorobenzene	7.14	146	501426	37.762	ng	99
15) Benzyl Alcohol	7.11	79	462610	42.185	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	791566	39.483	ng	68
17) 2-Methylphenol	7.22	107	430984	42.079	ng	# 82
18) Hexachloroethane	7.48	117	198072	37.823	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	354969	38.807	ng	97
20) 3+4-Methylphenols	7.37	107	533674	40.310	ng	96
22) Acetophenone	7.38	105	697833	42.761	ng	96
24) Nitrobenzene	7.56	77	533639	43.288	ng	95
25) Isophorone	7.79	82	993516	48.812	ng	95
26) 2-Nitrophenol	7.87	139	275168	46.906	ng	95
27) 2,4-Dimethylphenol	7.90	122	482749	49.634	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	622285	45.004	ng	99
29) 2,4-Dichlorophenol	8.11	162	434669	44.236	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	457815	41.595	ng	96
31) Naphthalene	8.27	128	1480008	45.341	ng	99
32) Benzoic acid	8.01	122	162589	21.629	ng	84
33) 4-Chloroaniline	8.32	127	109308	7.441	ng	99
34) Hexachlorobutadiene	8.39	225	247657	40.525	ng	98
35) Caprolactam	8.70	113	68293	19.940	ng	# 83
36) 4-Chloro-3-methylphenol	8.80	107	463979	43.666	ng	94
37) 2-Methylnaphthalene	8.97	142	1007630	46.656	ng	99
38) 1-Methylnaphthalene	9.07	142	948007	45.423	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	417585	41.290	ng	98

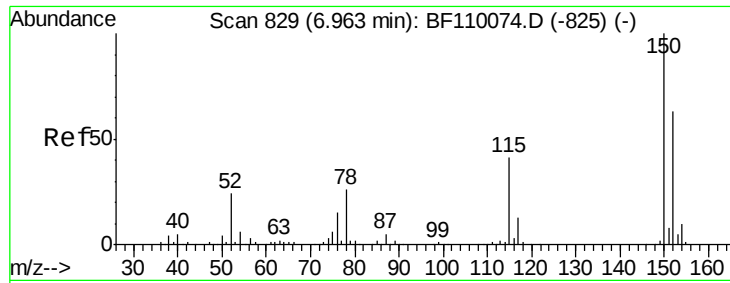
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	393272	76.048	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	293024	44.921	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	305041	44.240	nq	95
46) 1,1'-Biphenyl	9.43	154	1179229	40.175	nq	98
47) 2-Chloronaphthalene	9.46	162	905691	42.065	nq	99
48) 2-Nitroaniline	9.56	65	286580	43.924	nq	94
49) Acenaphthylene	9.88	152	1395971	44.889	nq	98
50) Dimethylphthalate	9.73	163	1293355	53.979	nq	99
51) 2,6-Dinitrotoluene	9.80	165	231899	44.932	nq	97
52) Acenaphthene	10.05	154	862073	41.903	nq	99
53) 3-Nitroaniline	9.97	138	124838	20.340	nq	85
54) 2,4-Dinitrophenol	10.07	184	100348	50.996	nq	89
55) Dibenzofuran	10.22	168	1213309	42.123	nq	100
56) 4-Nitrophenol	10.13	139	499229	109.901	nq	97
57) 2,4-Dinitrotoluene	10.20	165	303795	46.341	nq	91
58) Fluorene	10.57	166	948133	44.229	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	245884	43.750	nq	94
60) Diethylphthalate	10.43	149	1004466	42.946	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	448877	39.693	nq	97
62) 4-Nitroaniline	10.59	138	214709	35.173	nq	93
63) Azobenzene	10.72	77	971821	41.859	nq	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	87065	34.314	nq	96
66) n-Nitrosodiphenylamine	10.67	169	837014	45.949	nq	96
67) 4-Bromophenyl-phenylether	11.04	248	272105	45.169	nq	93
68) Hexachlorobenzene	11.12	284	272479	42.630	nq	98
69) Atrazine	11.20	200	254559	44.220	nq	99
70) Pentachlorophenol	11.31	266	254638	68.321	nq	96
71) Phenanthrene	11.53	178	1403861	48.310	nq	99
72) Anthracene	11.59	178	1321211	45.360	nq	99
73) Carbazole	11.74	167	1101675	38.737	nq	100
74) Di-n-butylphthalate	12.06	149	1415608	44.073	nq	99
75) Fluoranthene	12.73	202	1238617	41.999	nq	98
77) Benzidine	12.84	184	218734	21.574	nq	97
78) Pyrene	12.96	202	1156608	56.462	nq	99
80) Butylbenzylphthalate	13.56	149	451308	50.759	nq	100
81) Benzo(a)anthracene	14.14	228	832901	49.154	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	169981	28.808	nq	99
83) Chrysene	14.18	228	772028	47.970	nq	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	597320	49.697	nq	97
85) Di-n-octyl phthalate	14.73	149	912005	48.799	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	858243	64.280	nq	95
88) Benzo(b)fluoranthene	15.23	252	817219	47.668	nq	100
89) Benzo(k)fluoranthene	15.23	252	817219	48.487	nq	99
90) Benzo(a)pyrene	15.62	252	774726	49.110	nq	98
91) Dibenzo(a,h)anthracene	17.27	278	704753	51.775	nq	98
92) Benzo(g,h,i)perylene	17.73	276	682681	50.896	nq	97

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

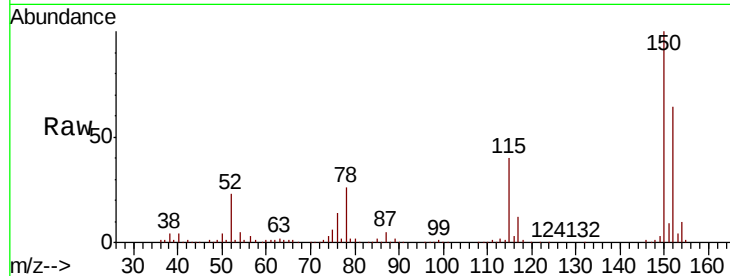


#1

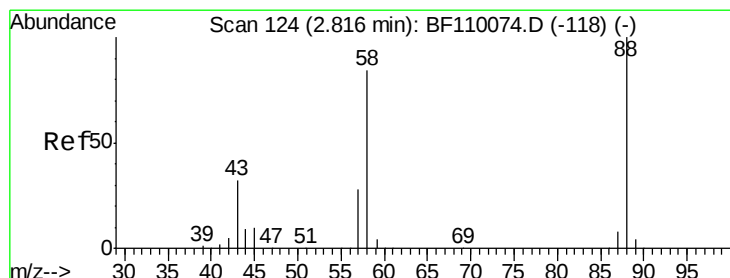
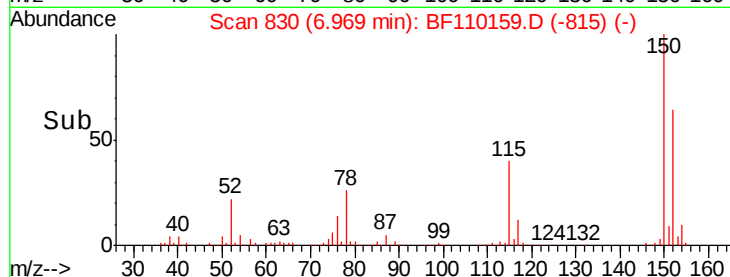
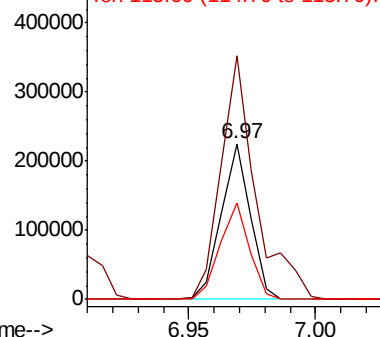
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.7	184.1
115	62.1	49.1	73.7



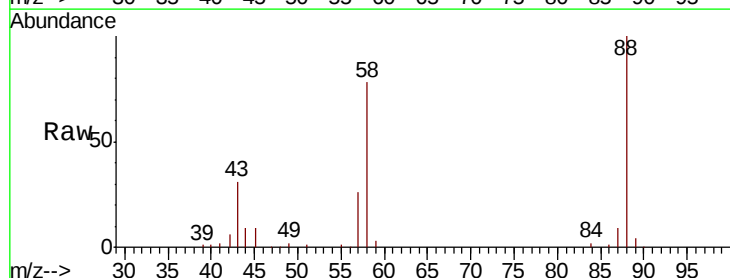
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



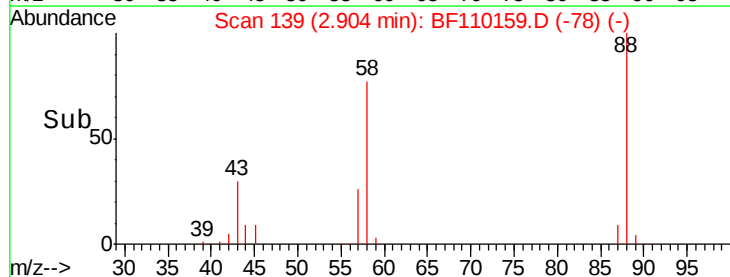
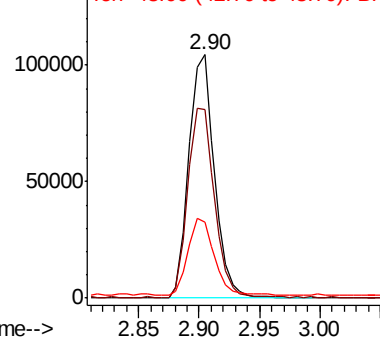
#2

1,4-Dioxane
Concen: 26.120 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.06 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	57.1	85.7
43	32.6	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: 32.445 ng

RT: 3.67 min Scan# 270

Delta R.T. 0.06 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

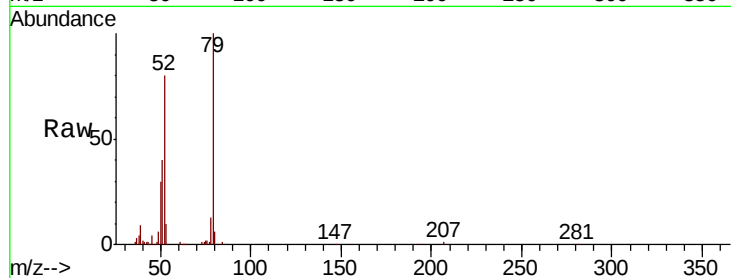
Tot Ion: 79 Resp: 422045

Ion Ratio Lower Upper

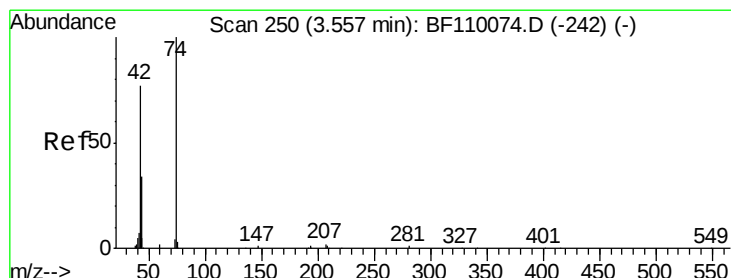
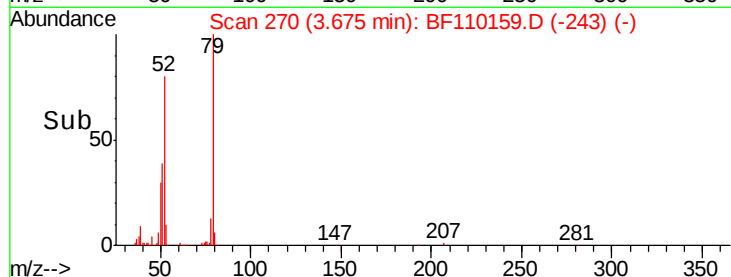
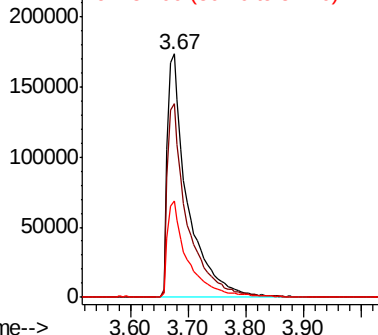
79 100

52 79.8 53.1 79.7#

51 39.8 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: 44.881 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.05 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

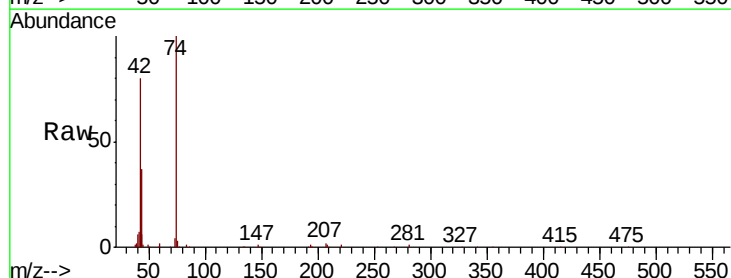
Tgt Ion: 42 Resp: 244592

Ion Ratio Lower Upper

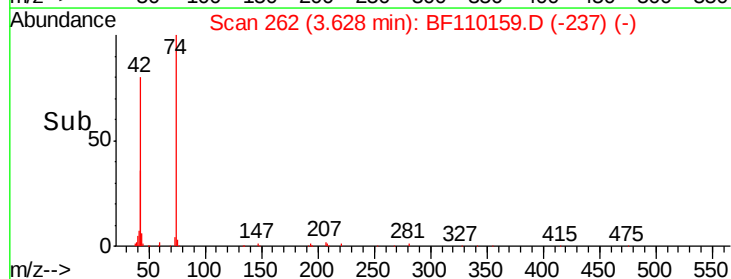
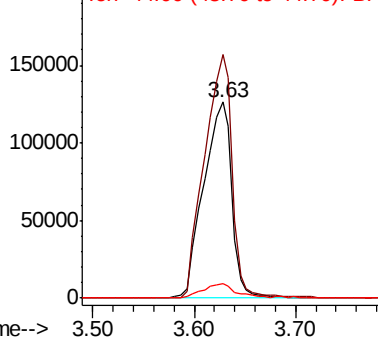
42 100

74 124.4 105.5 158.3

44 7.3 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: 121.302 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :

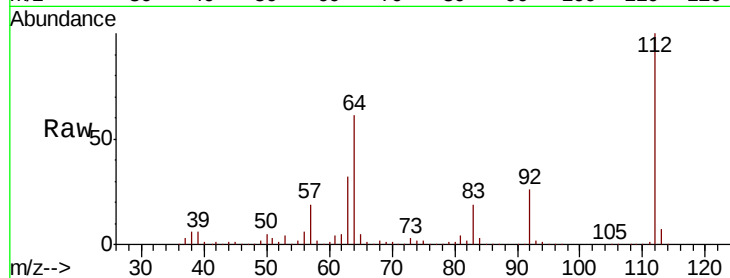
Tot Ion:112 Resp: 1352168

Ion Ratio Lower Upper

112 100

64 61.2 44.1 66.1

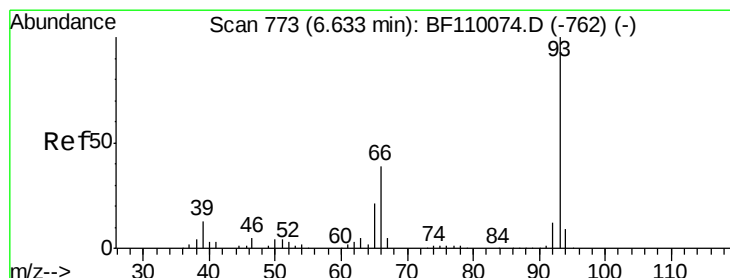
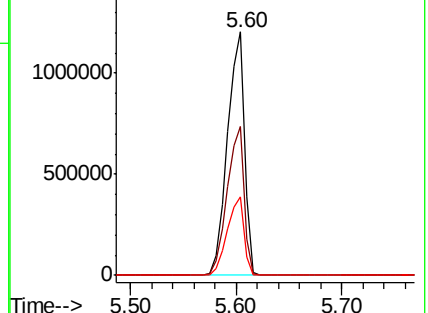
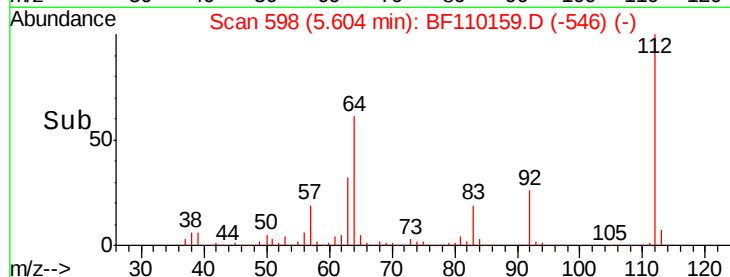
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.214 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

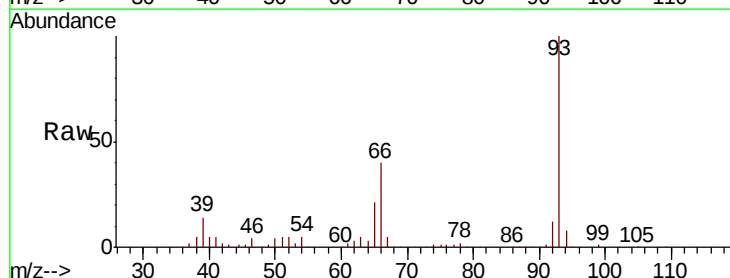
Tgt Ion: 93 Resp: 394007

Ion Ratio Lower Upper

93 100

66 40.0 67.4 101.0#

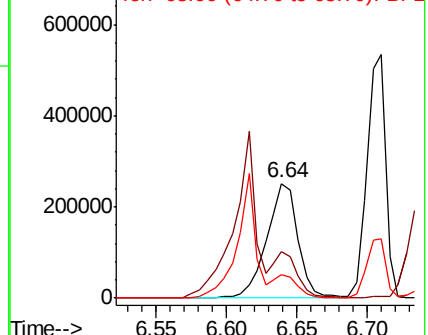
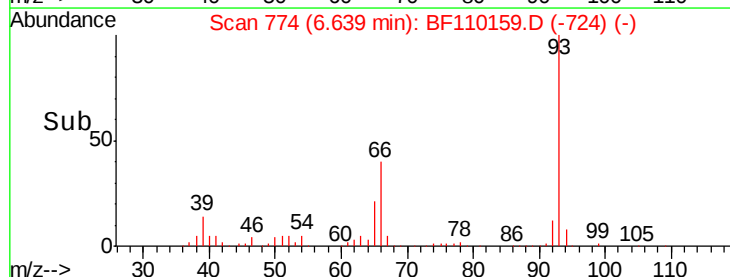
65 20.8 41.0 61.4#

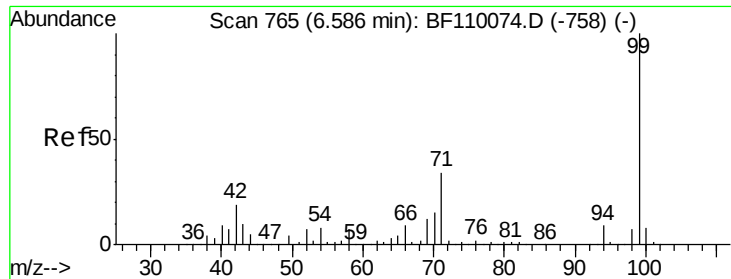


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.969 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

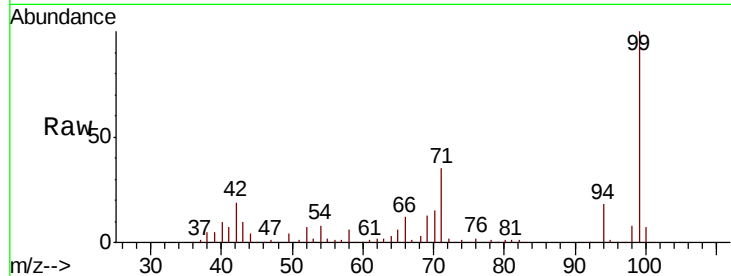
Tot Ion: 99 Resp: 1753285

Ion Ratio Lower Upper

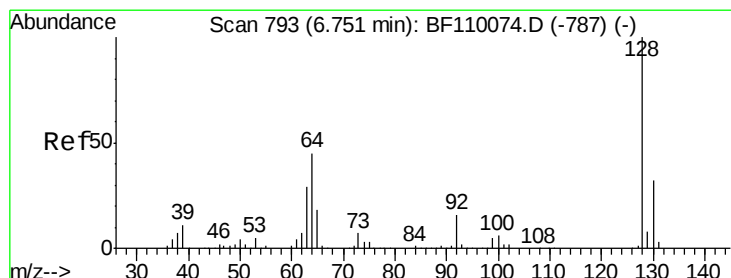
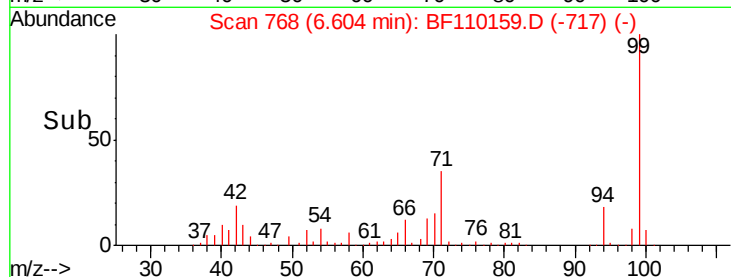
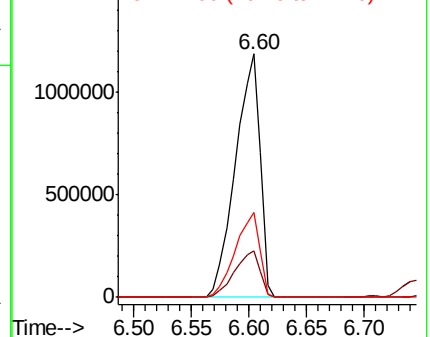
99 100

42 19.1 15.8 23.6

71 34.9 28.0 42.0



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



#8

2-Chlorophenol

Concen: 40.388 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

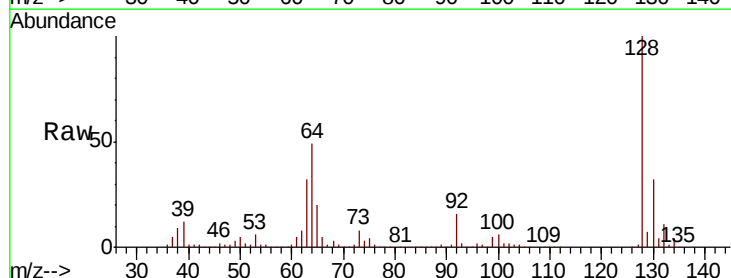
Tgt Ion: 128 Resp: 519050

Ion Ratio Lower Upper

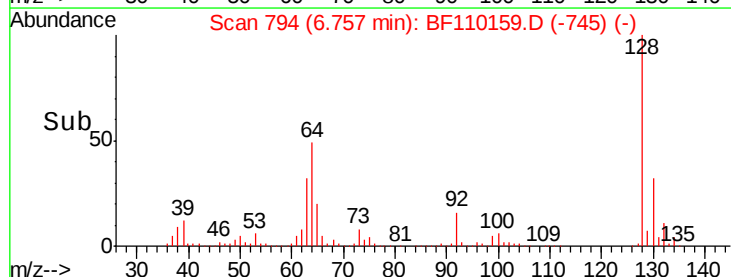
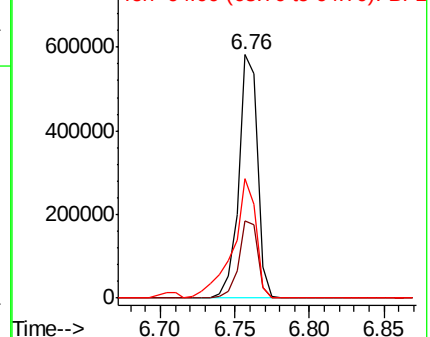
128 100

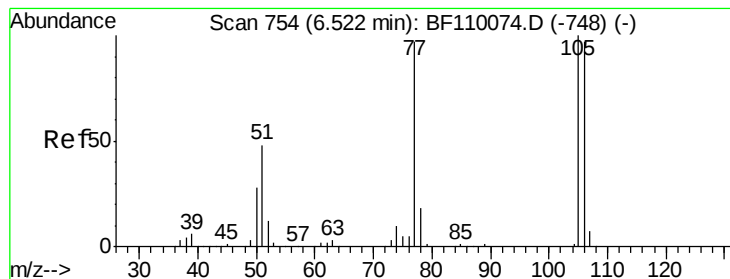
130 31.6 13.1 53.1

64 49.0 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: 31.389 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

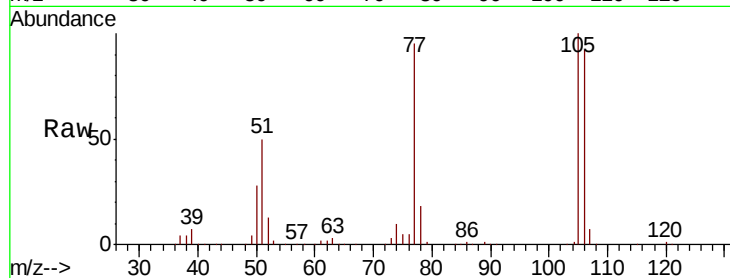
Tot Ion: 77 Resp: 276370

Ion Ratio Lower Upper

77 100

105 105.2 78.6 118.6

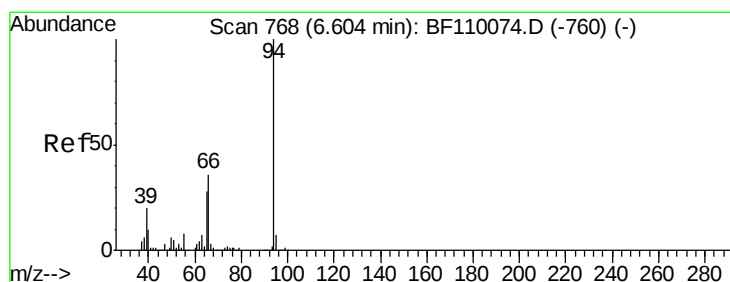
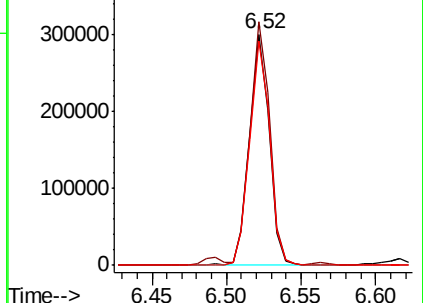
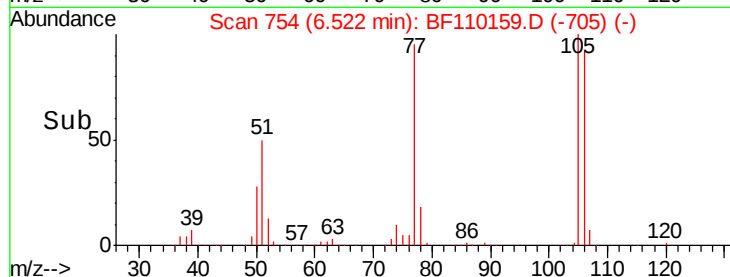
106 96.9 74.8 114.8



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: 49.443 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

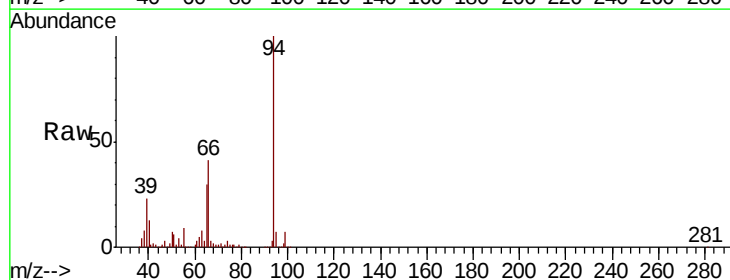
Tgt Ion: 94 Resp: 753553

Ion Ratio Lower Upper

94 100

65 30.3 25.3 65.3

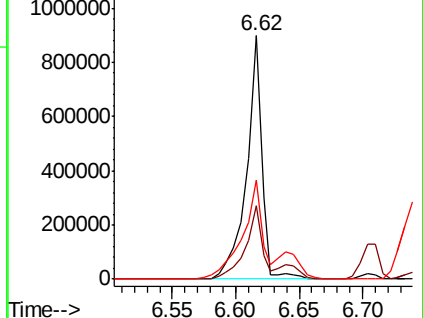
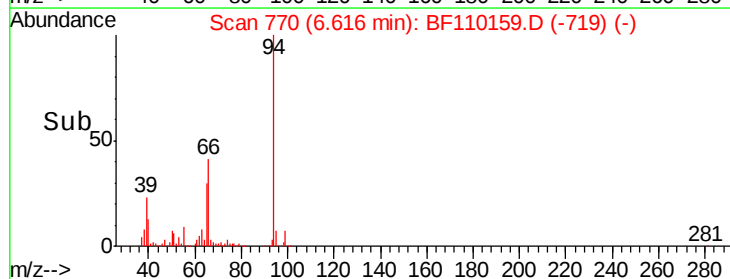
66 40.7 54.5 94.5#

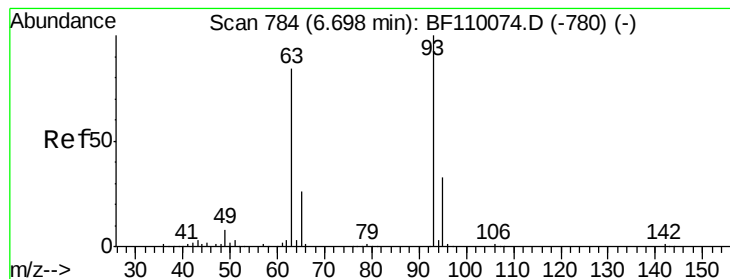


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.863 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

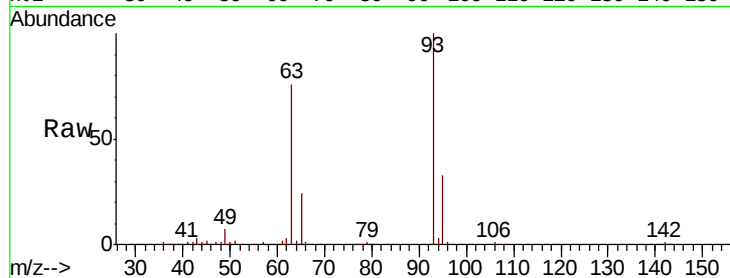
Tot Ion: 93 Resp: 487297

Ion Ratio Lower Upper

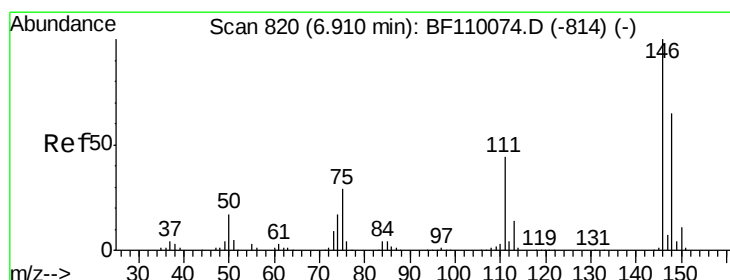
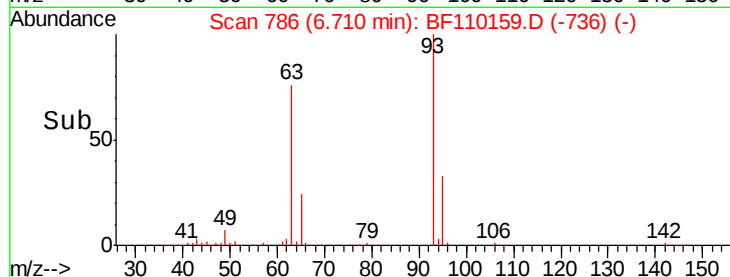
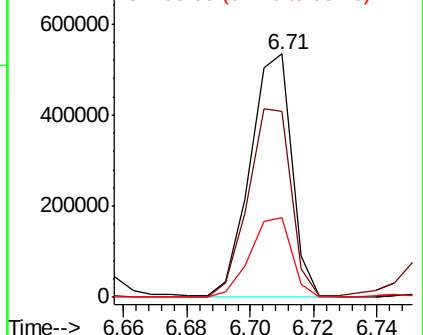
93 100

63 76.2 53.4 93.4

95 32.9 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: 37.336 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

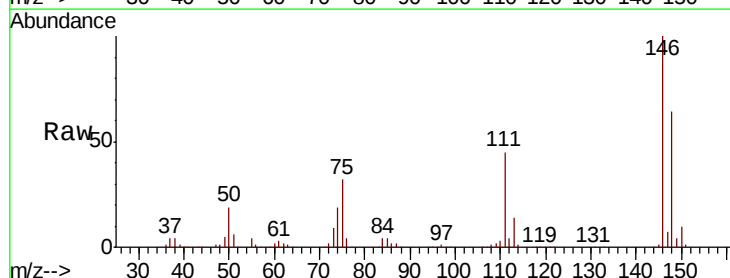
Tgt Ion: 146 Resp: 528052

Ion Ratio Lower Upper

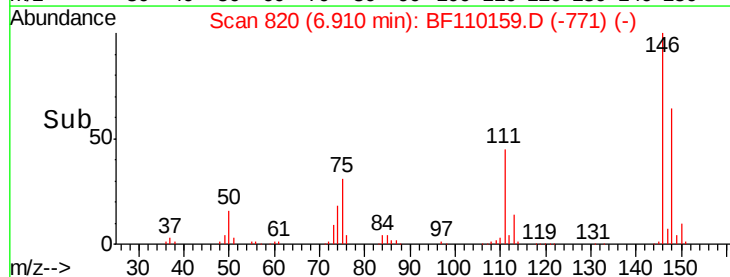
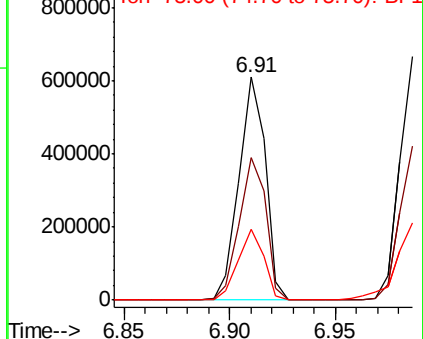
146 100

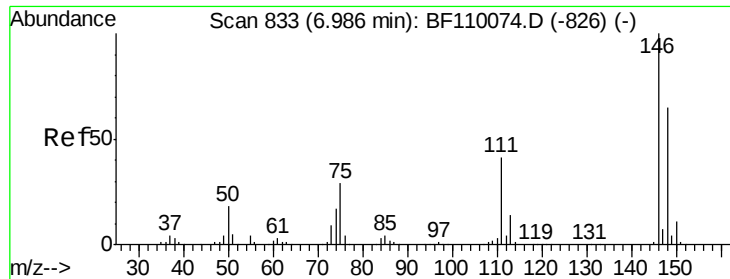
148 63.8 50.4 75.6

75 31.7 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

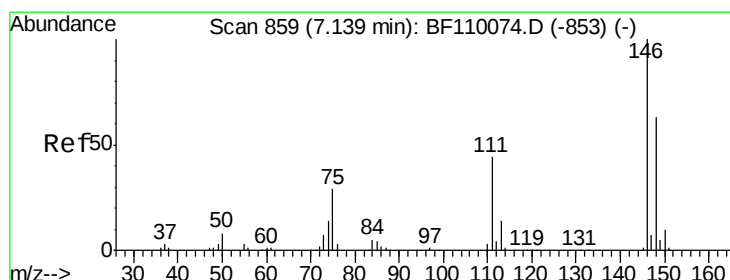
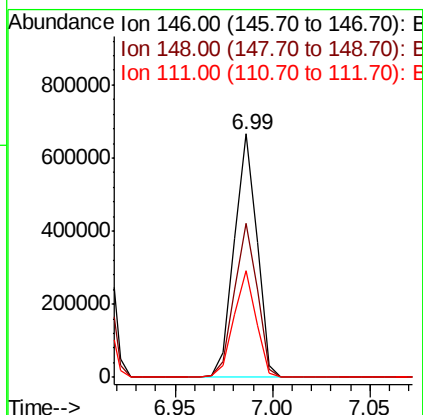
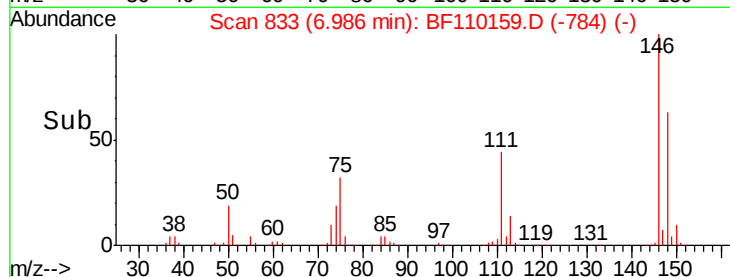
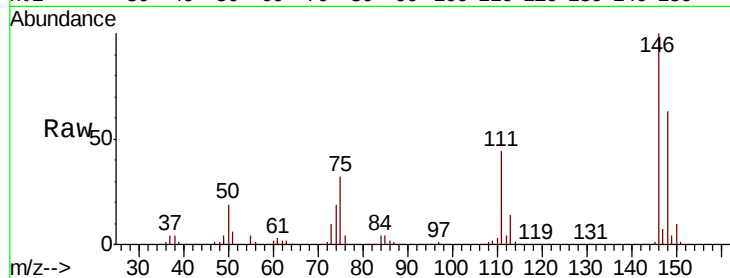




#13
 1,4-Dichlorobenzene
 Concen: 37.566 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

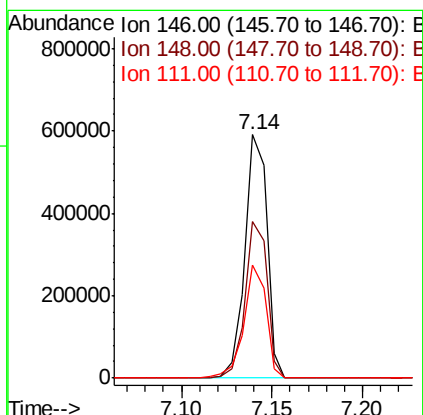
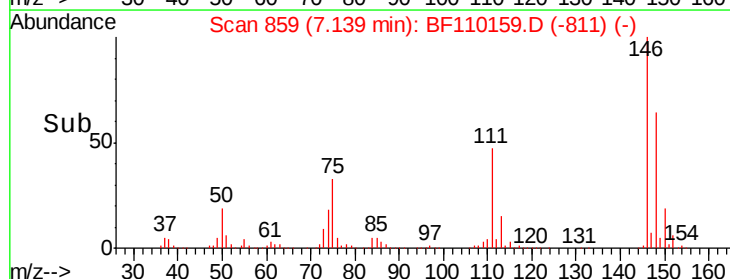
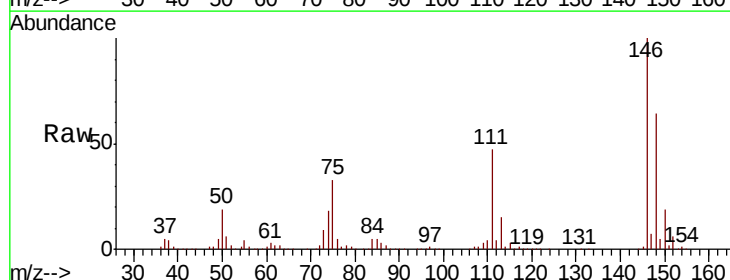
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 537341
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.3 75.5
 111 43.7 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 37.762 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion:146 Resp: 501426
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 46.5 35.8 53.6





#15

Benzyl Alcohol

Concen: 42.185 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampled :

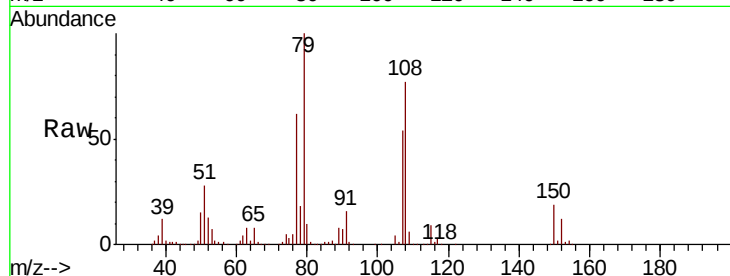
Tot Ion: 79 Resp: 462610

Ion Ratio Lower Upper

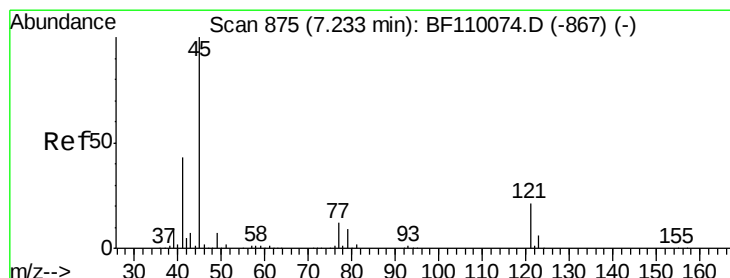
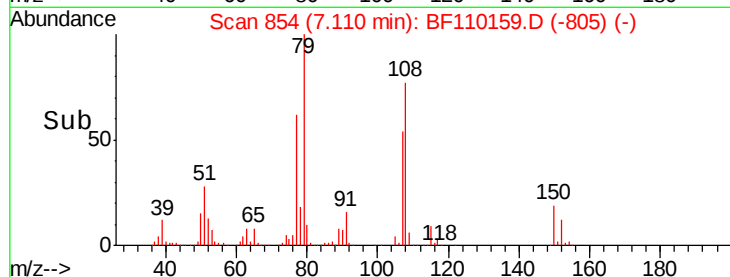
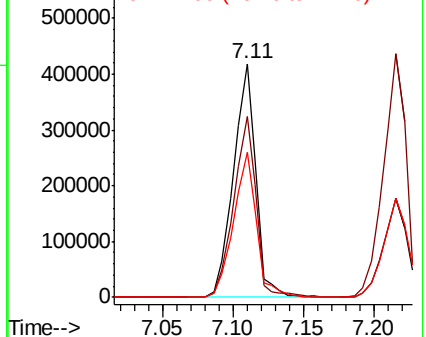
79 100

108 77.5 56.3 84.5

77 62.1 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: 39.483 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

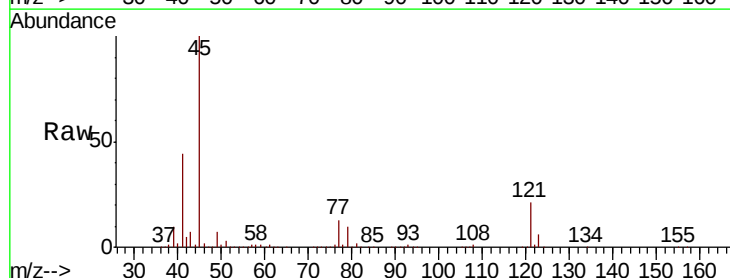
Tgt Ion: 45 Resp: 791566

Ion Ratio Lower Upper

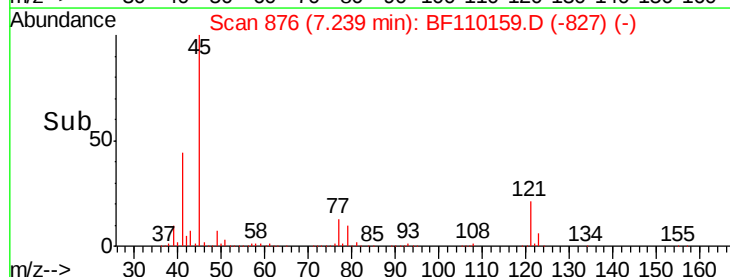
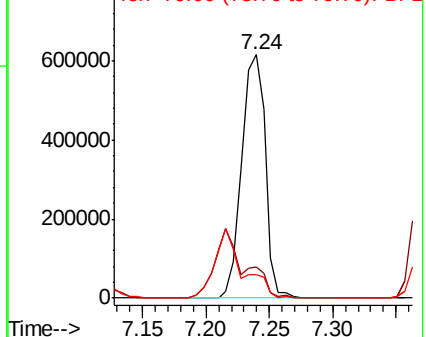
45 100

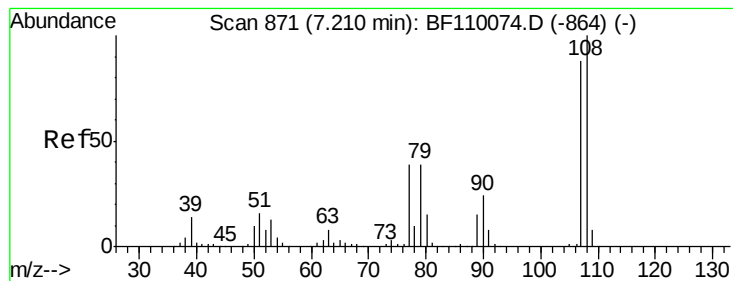
77 12.7 10.0 50.0

79 9.9 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

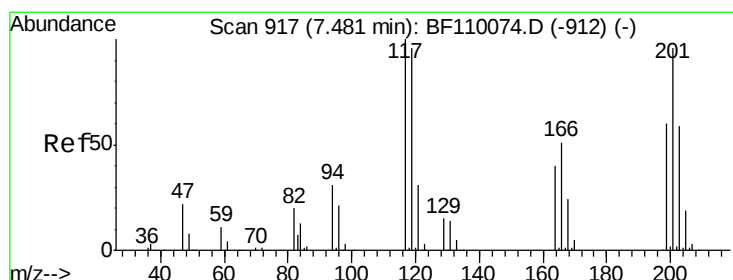
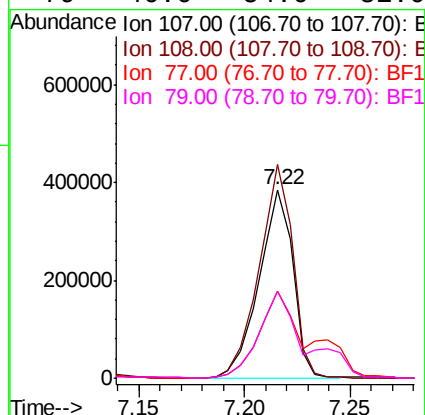
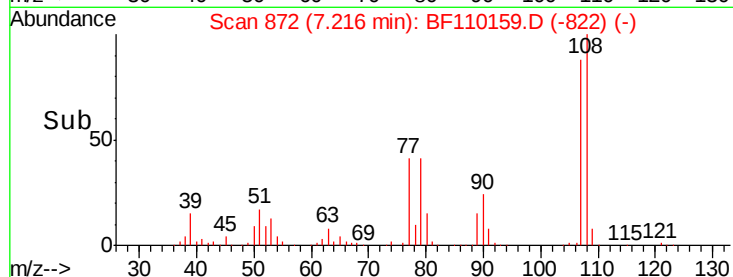
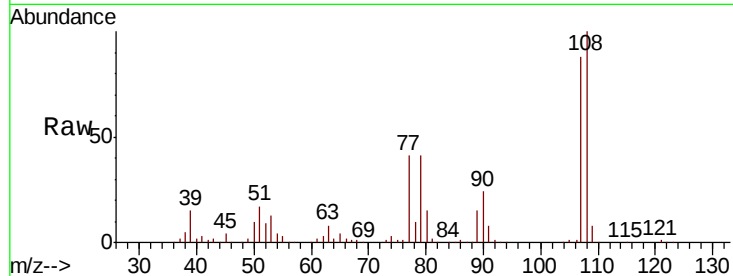




#17
2-Methylphenol
Concen: 42.079 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

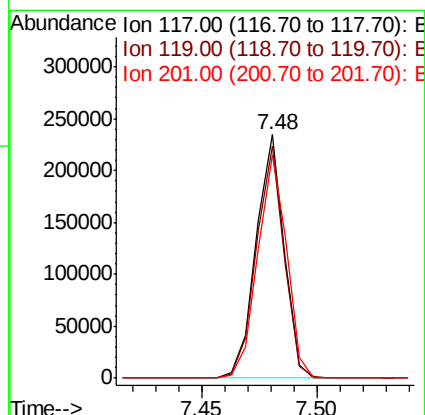
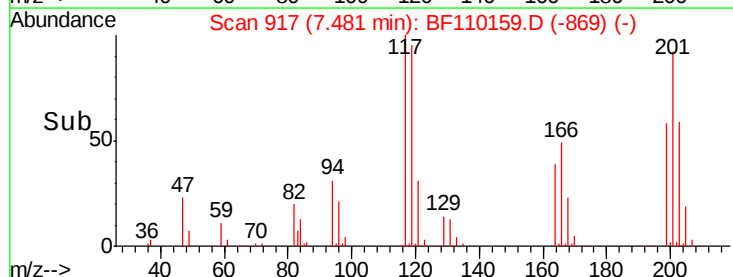
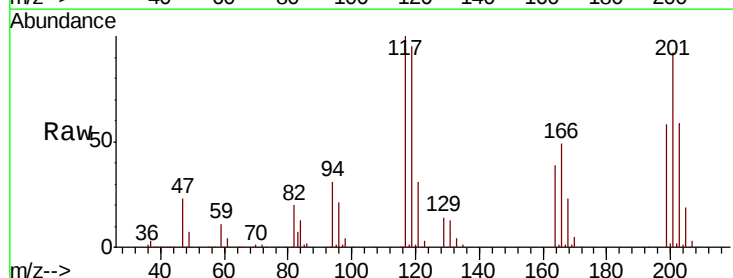
Instrument :
BNA_F
ClientSampleId :

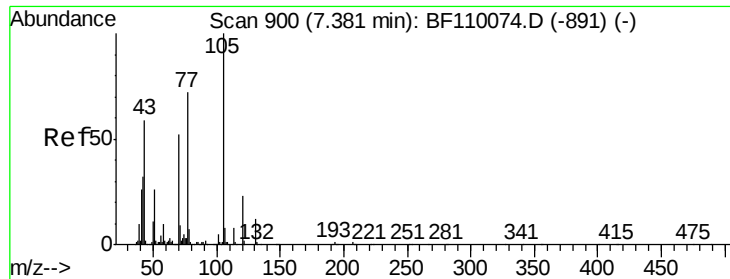
Tot Ion:107 Resp: 430984
Ion Ratio Lower Upper
107 100
108 113.4 92.6 138.8
77 46.0 59.4 89.2#
79 46.0 54.0 81.0#



#18
Hexachloroethane
Concen: 37.823 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:117 Resp: 198072
Ion Ratio Lower Upper
117 100
119 95.2 75.0 112.6
201 91.7 79.2 118.8

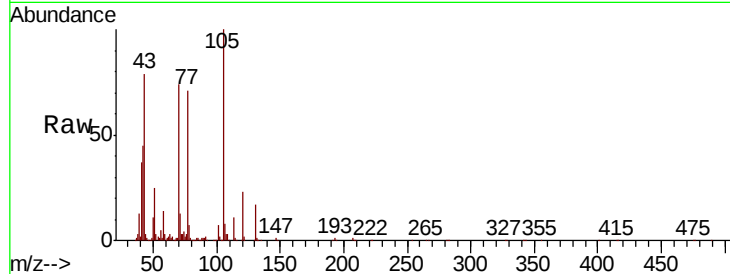




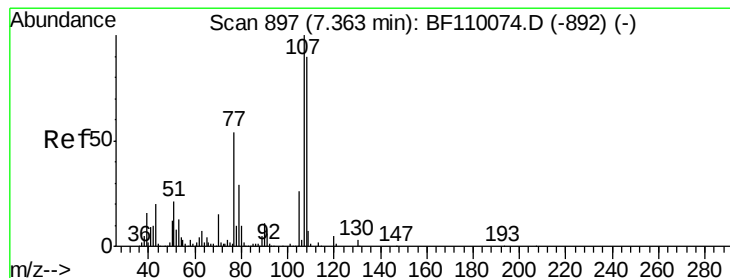
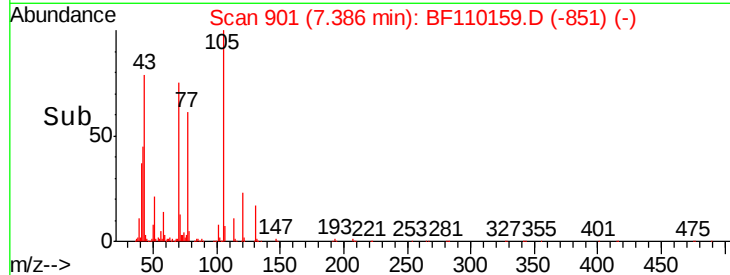
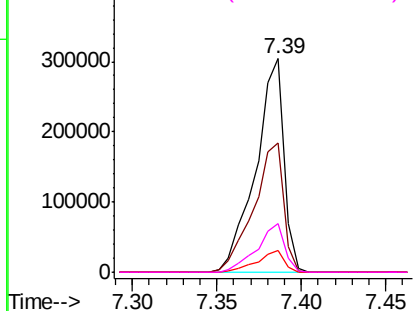
#19
n-Nitroso-di-n-propylamine
Concen: 38.807 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	354969
Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.4	71.2
101	10.1	7.3	10.9
130	23.0	16.2	24.2

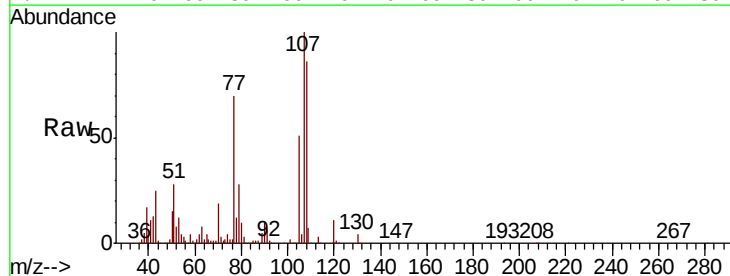


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

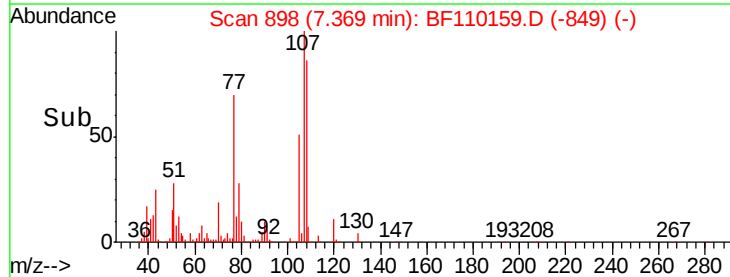
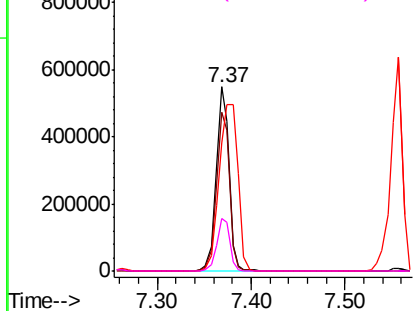


#20
3+4-Methylphenols
Concen: 40.310 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:	107	Resp:	533674
Ion	Ratio	Lower	Upper
107	100		
108	86.3	71.4	111.4
77	69.8	47.3	87.3
79	28.3	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# 1048

Delta R.T. -0.02 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 708235

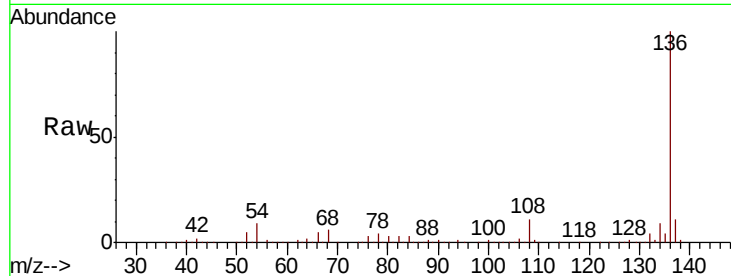
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.7 5.4 8.2#

68 5.7 4.2 6.2

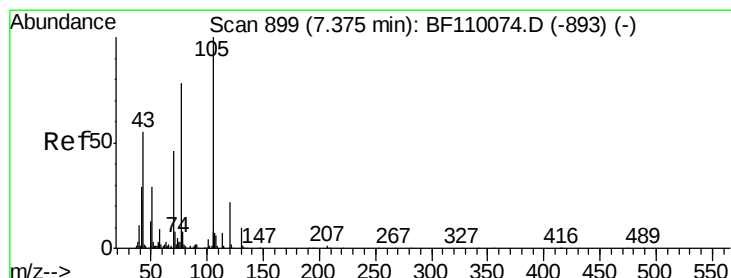
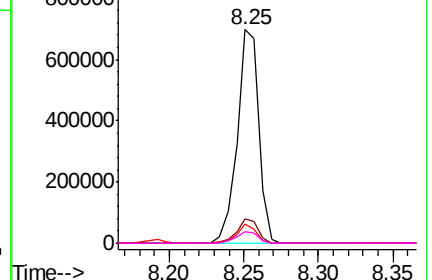
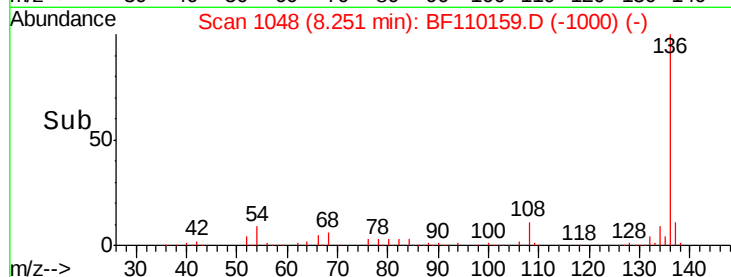


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.761 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Tgt Ion:105 Resp: 697833

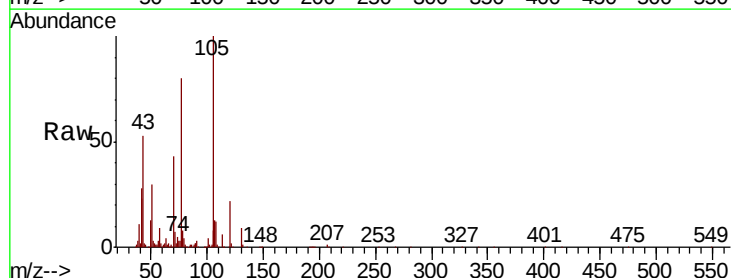
Ion Ratio Lower Upper

105 100

71 7.4 5.2 7.8

51 29.8 21.8 32.8

120 22.3 17.0 25.4

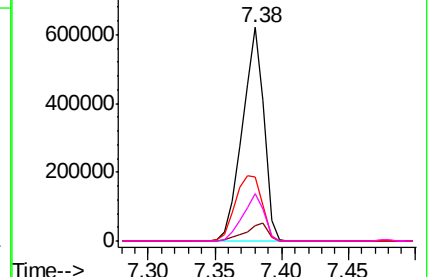
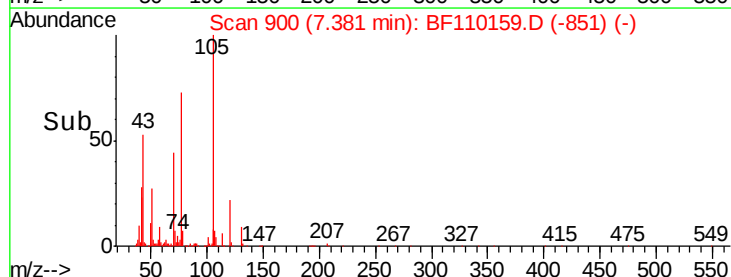


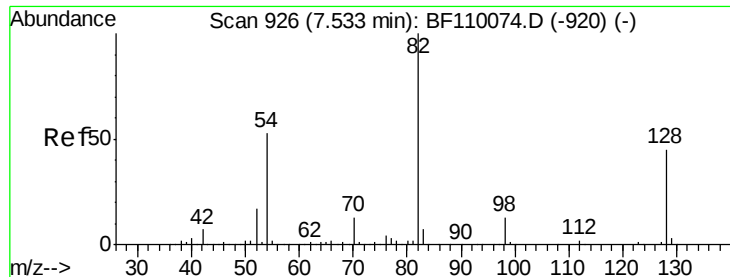
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

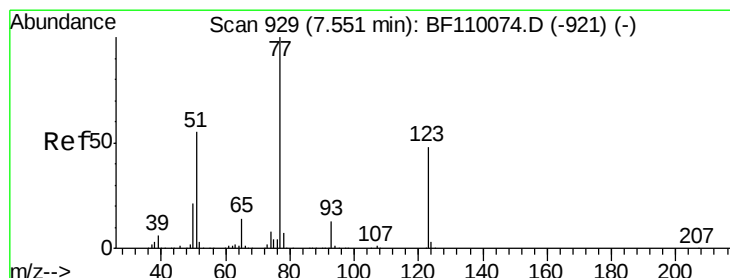
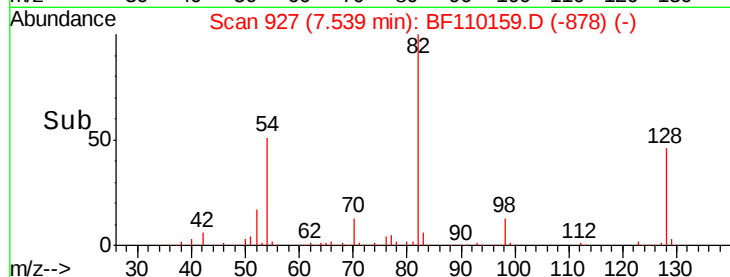
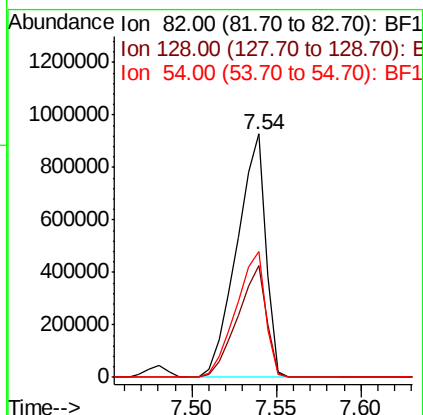
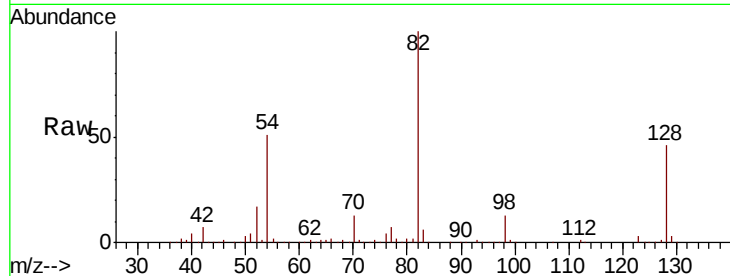




#23
 Nitrobenzene-d5
 Concen: 92.725 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

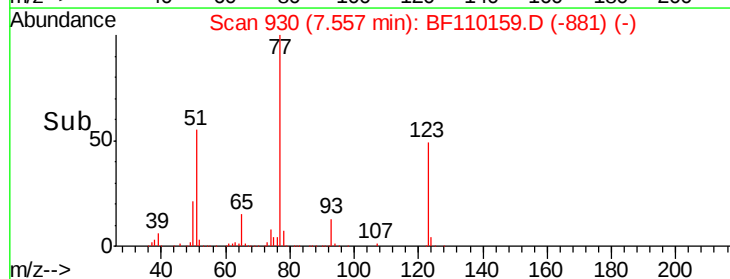
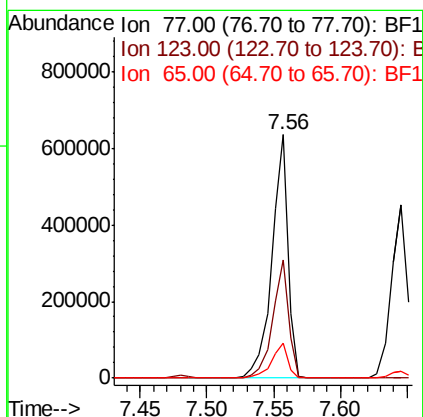
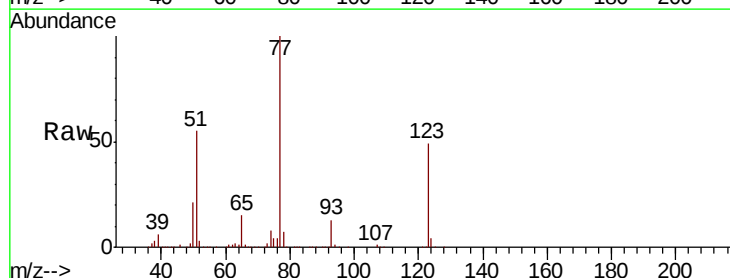
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1107197
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.2 51.2
 54 51.5 38.6 58.0



#24
 Nitrobenzene
 Concen: 43.288 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion: 77 Resp: 533639
 Ion Ratio Lower Upper
 77 100
 123 48.7 35.7 53.5
 65 14.5 10.7 16.1





#25

Isophorone

Concen: 48.812 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampled :

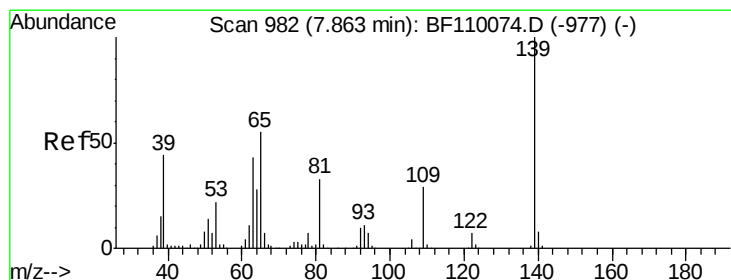
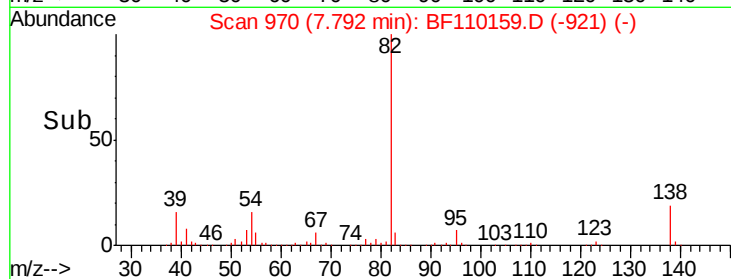
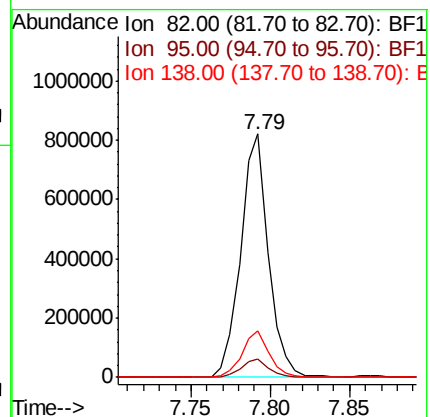
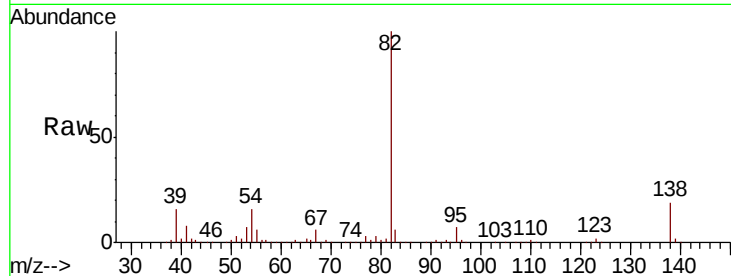
Tot Ion: 82 Resp: 993516

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 19.3 13.2 19.8



#26

2-Nitrophenol

Concen: 46.906 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

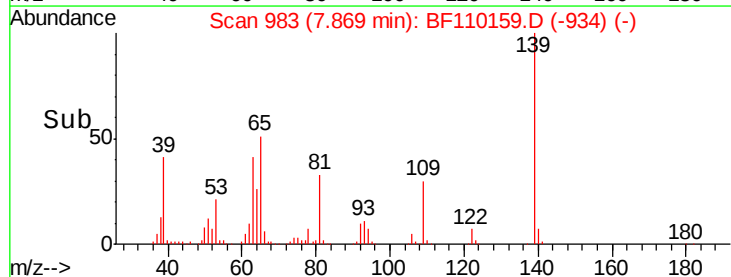
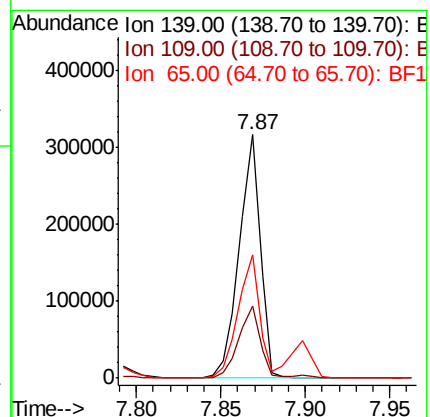
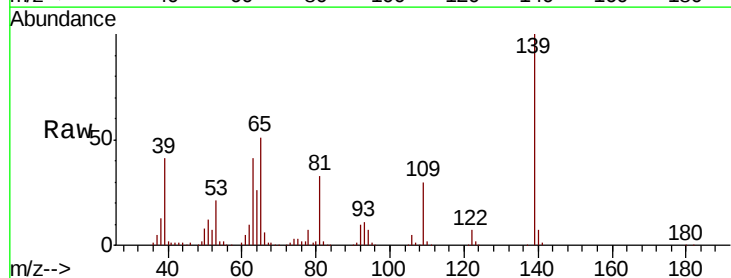
Tgt Ion: 139 Resp: 275168

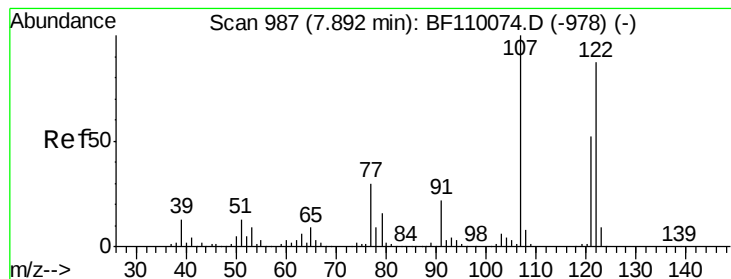
Ion Ratio Lower Upper

139 100

109 29.7 25.0 37.6

65 50.6 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 49.634 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

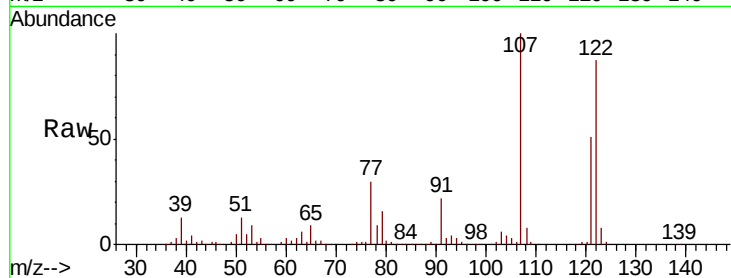
Tot Ion:122 Resp: 482749

Ion Ratio Lower Upper

122 100

107 114.9 92.5 138.7

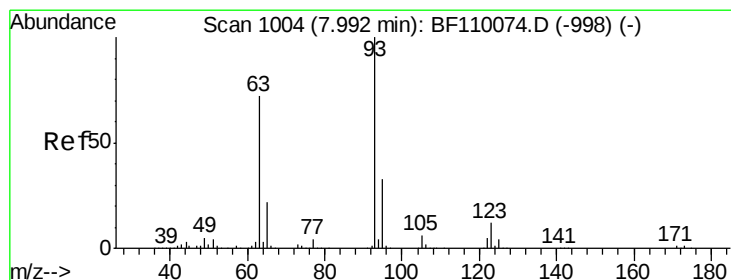
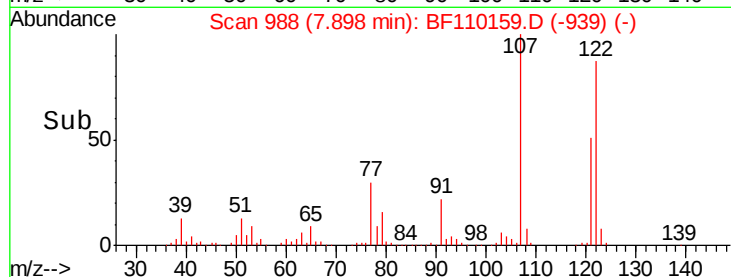
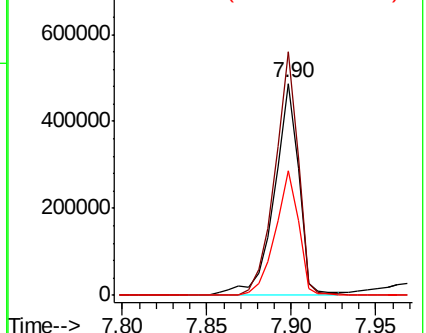
121 58.8 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.004 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

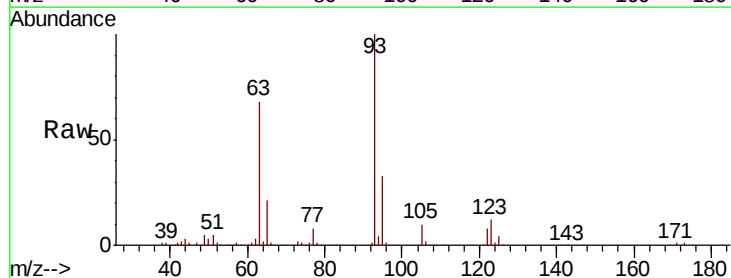
Tgt Ion: 93 Resp: 622285

Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

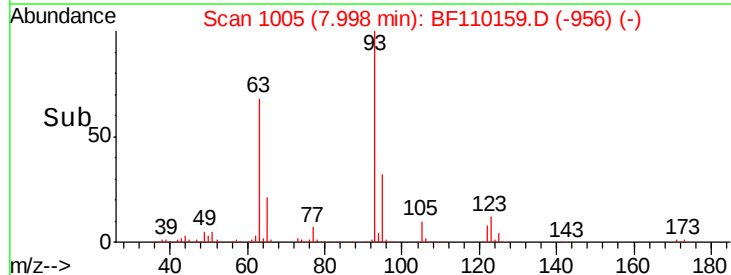
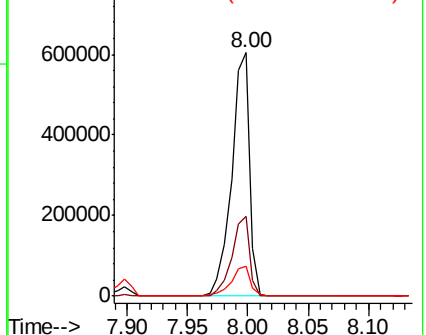
123 12.5 9.0 13.6

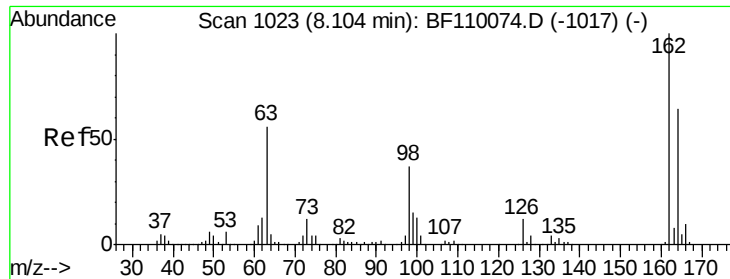


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

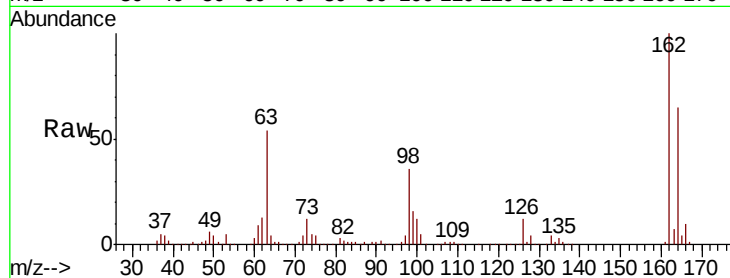




#29
 2,4-Dichlorophenol
 Concen: 44.236 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	36.2	17.4	57.4

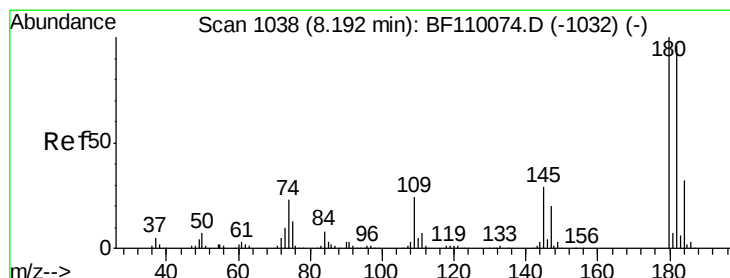
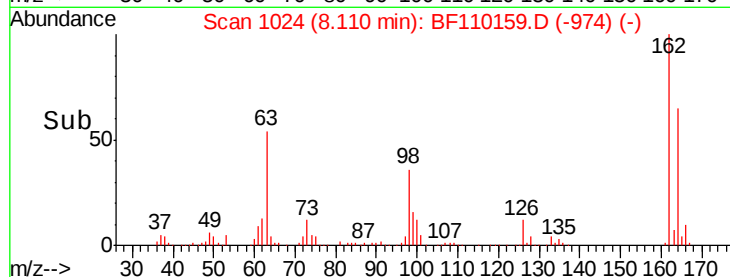
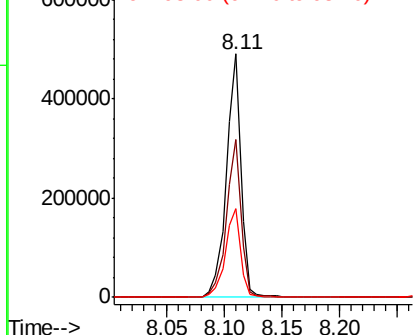


Abundance

Ion 162.00 (161.70 to 162.70): E

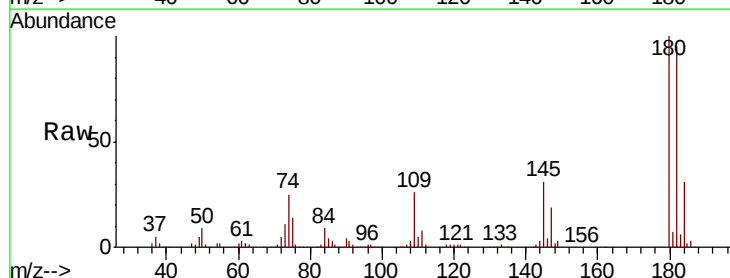
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.595 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	80.3	120.5
145	31.5	25.4	38.0

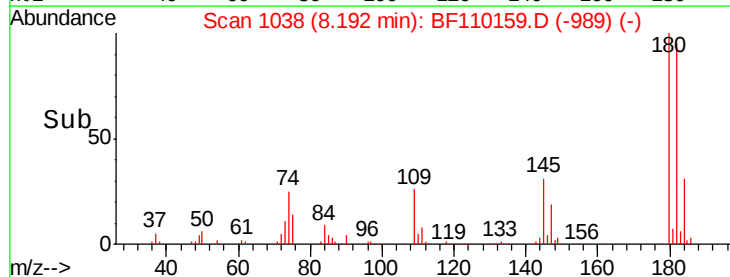
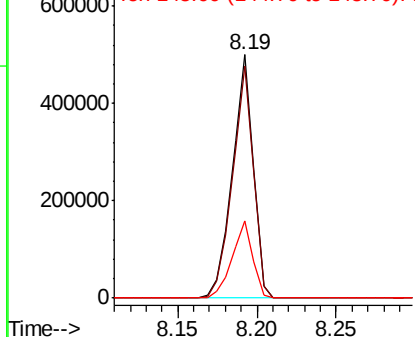


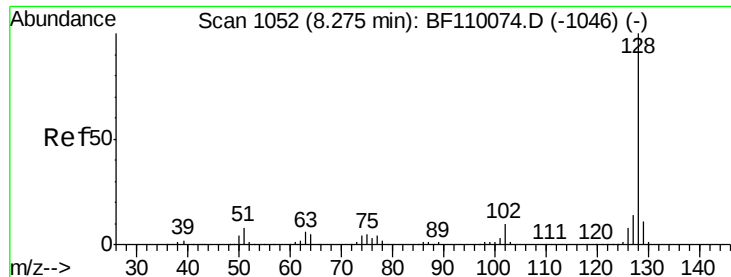
Abundance

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

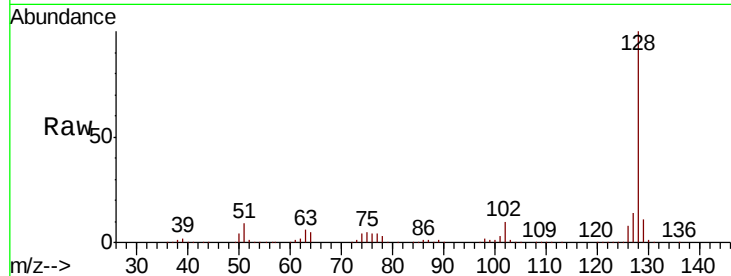




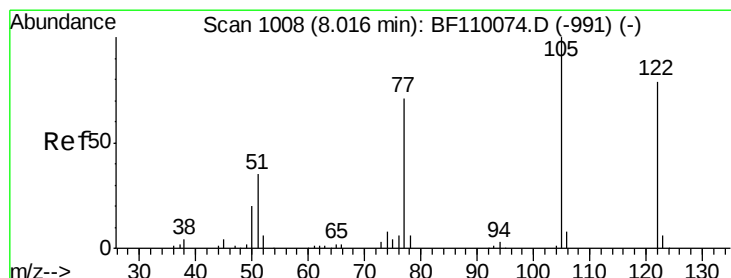
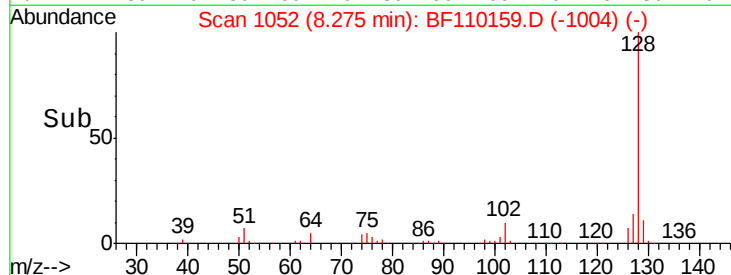
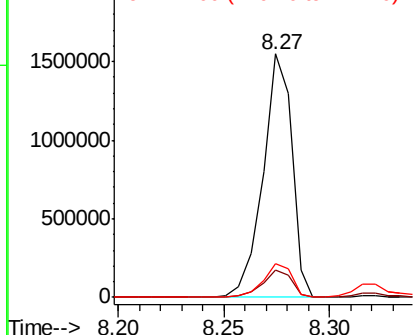
#31
Naphthalene
Concen: 45.341 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1480008
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.8 16.2

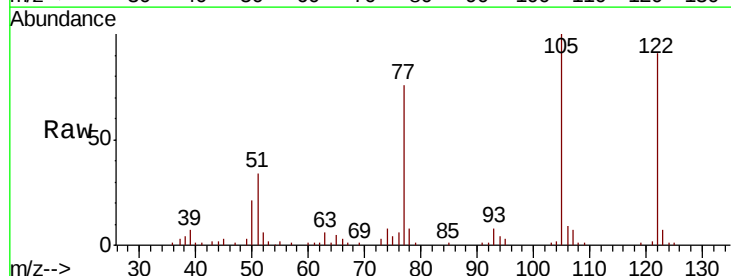


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

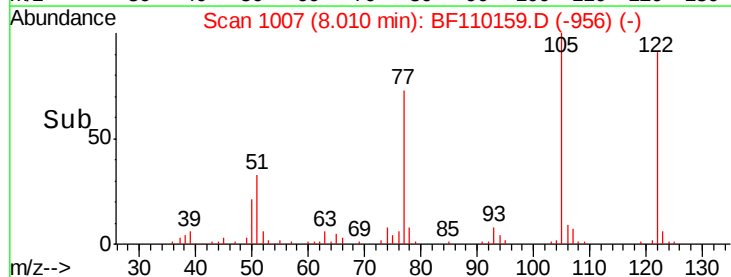
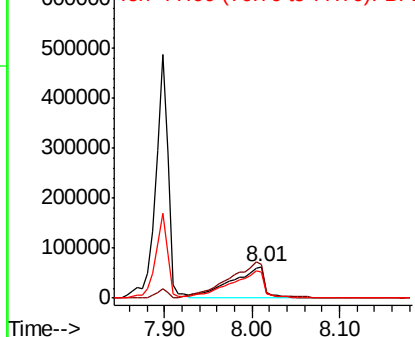


#32
Benzoic acid
Concen: 21.629 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:122 Resp: 162589
Ion Ratio Lower Upper
122 100
105 109.9 109.0 149.0
77 83.2 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

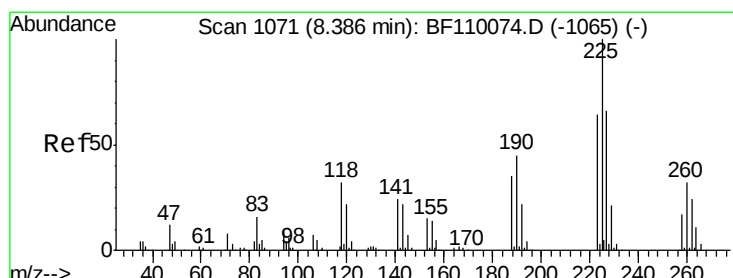
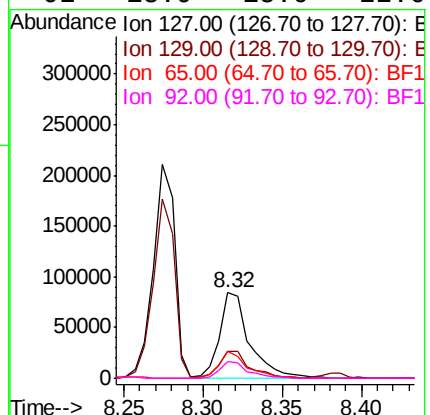
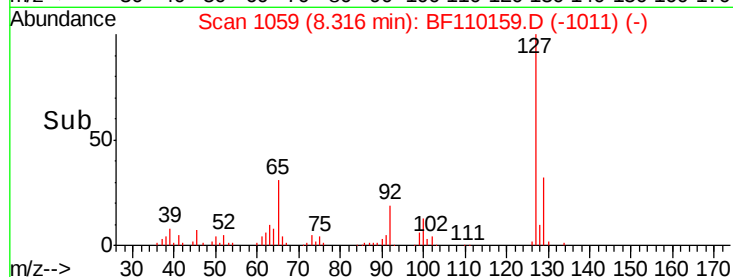
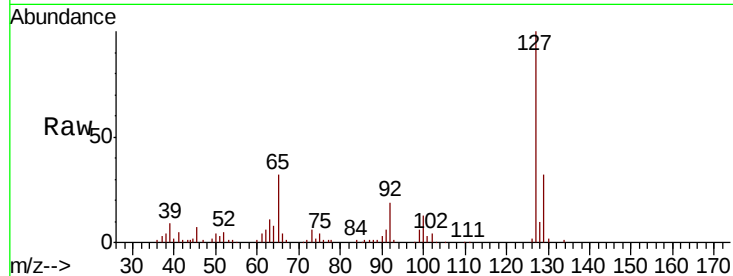




#33
4-Chloroaniline
Concen: 7.441 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

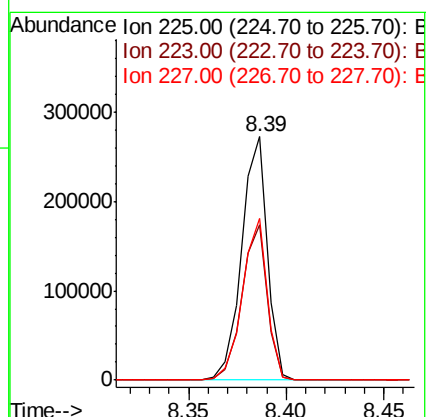
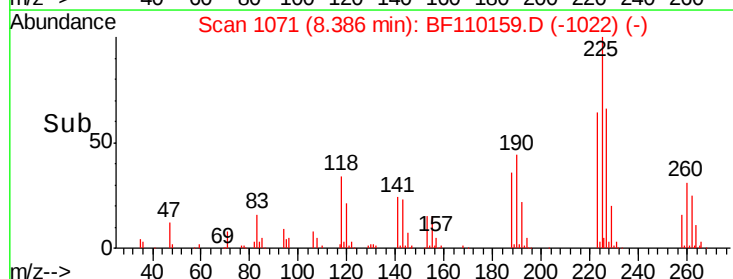
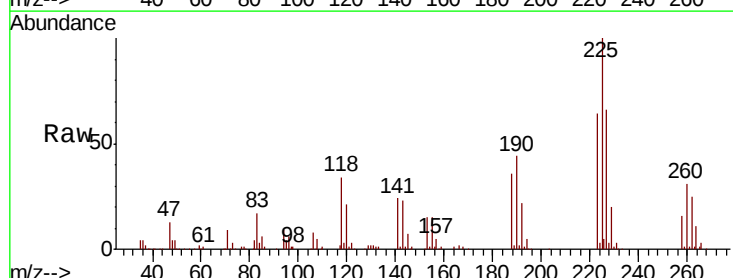
Instrument :
BNA_F
ClientSampleId :

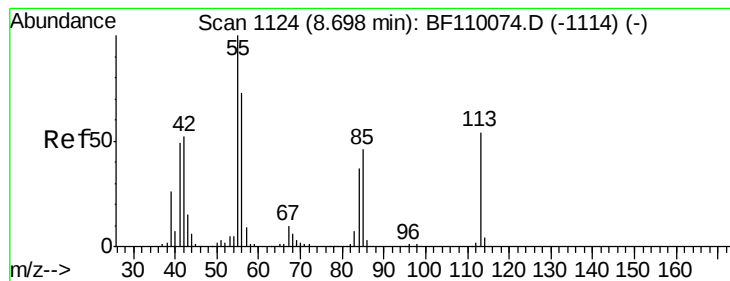
Tot Ion:	127	Resp:	109308
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.0	39.0
65	31.6	25.1	37.7
92	18.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.525 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:	225	Resp:	247657
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.4	77.2
227	66.4	51.0	76.6





#35

Caprolactam

Concen: 19.940 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

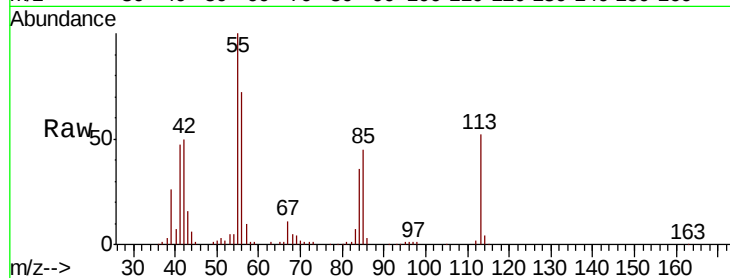
Tot Ion:113 Resp: 68293

Ion Ratio Lower Upper

113 100

55 190.8 142.8 182.8#

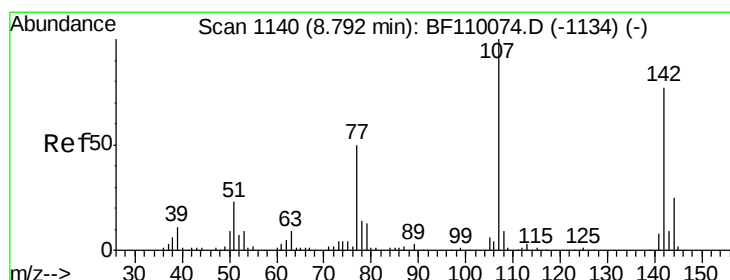
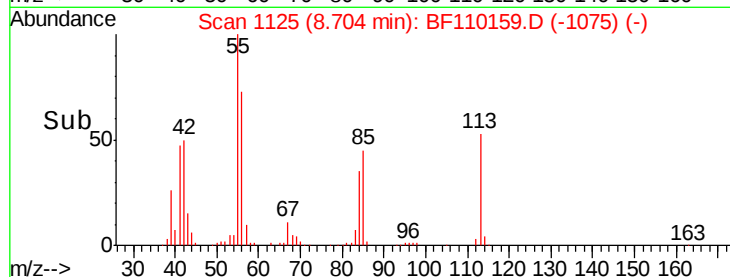
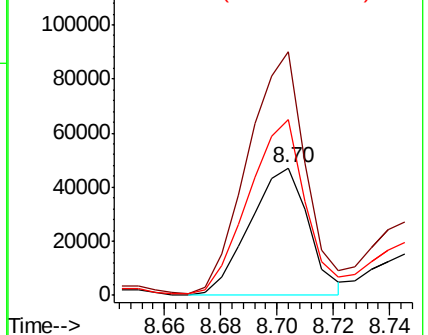
56 137.9 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.666 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

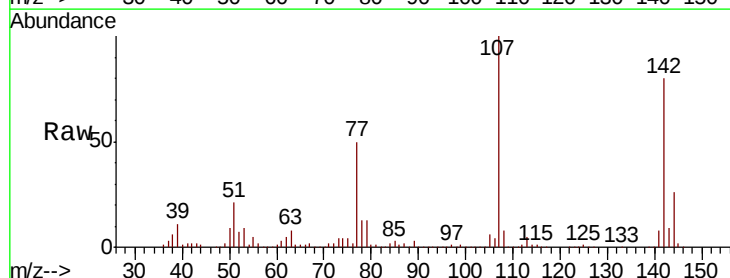
Tgt Ion:107 Resp: 463979

Ion Ratio Lower Upper

107 100

144 26.0 20.0 30.0

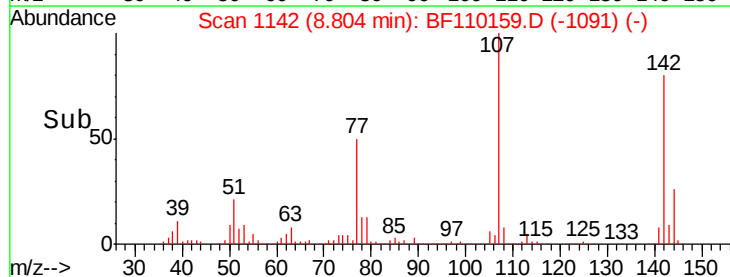
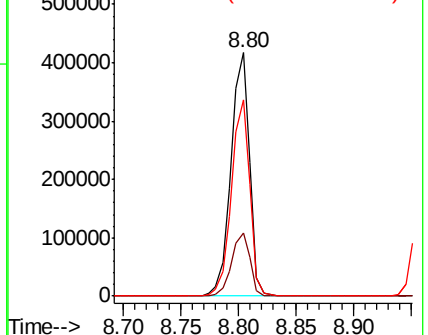
142 80.4 59.7 89.5

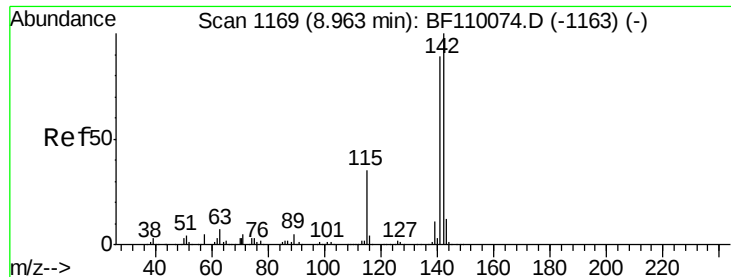


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

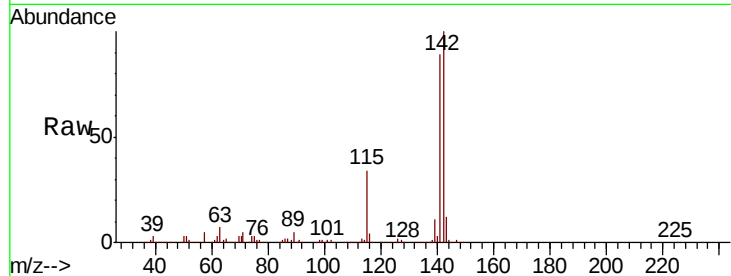




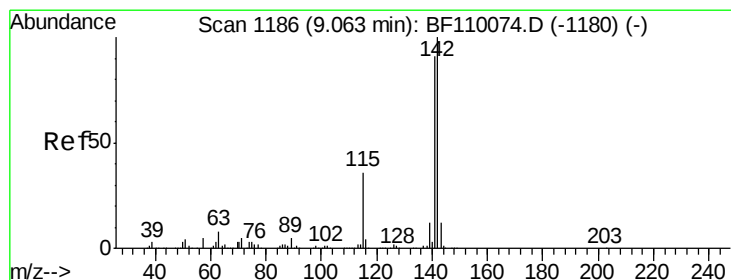
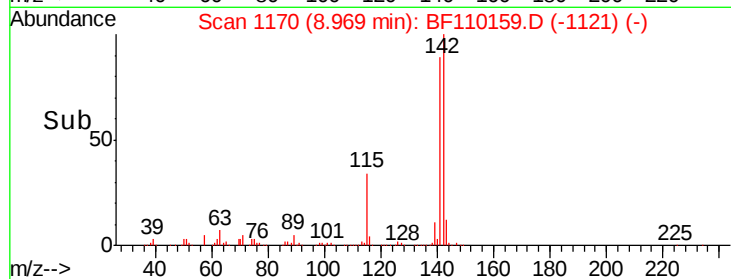
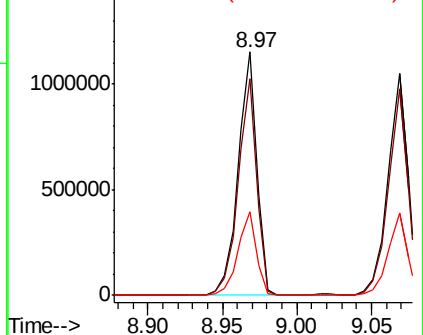
#37
2-Methylnaphthalene
Concen: 46.656 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1007630
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 34.1 28.7 43.1

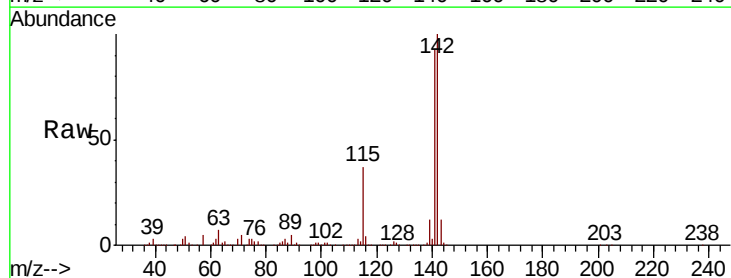


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

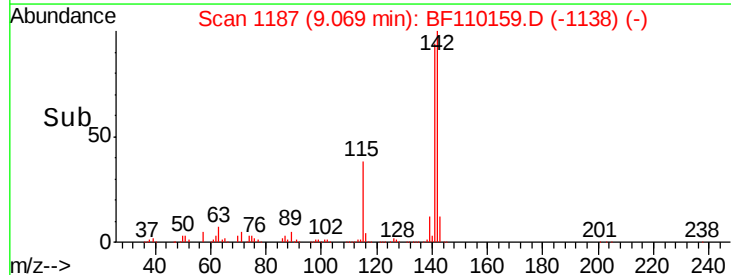
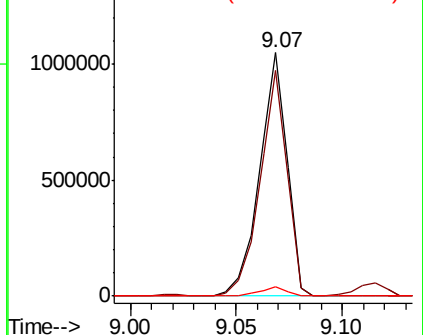


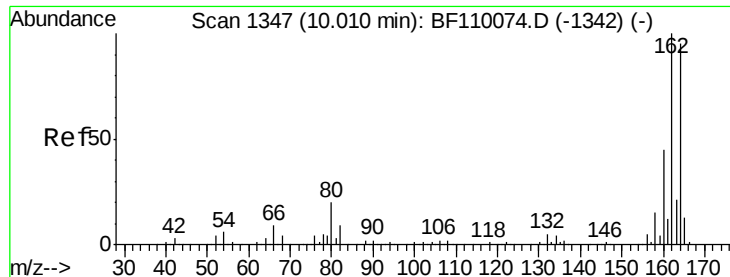
#38
1-Methylnaphthalene
Concen: 45.423 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:142 Resp: 948007
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4
116 3.8 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampled :

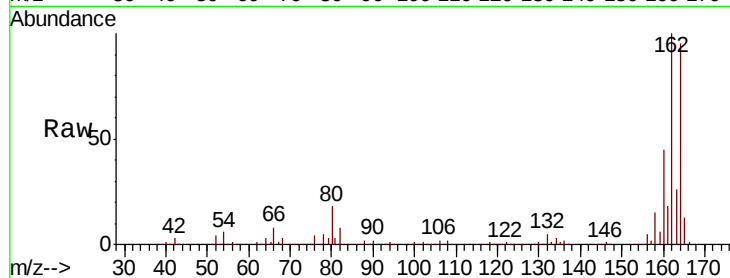
Tot Ion:164 Resp: 324588

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

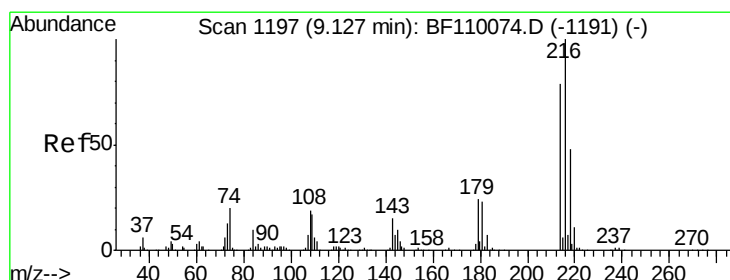
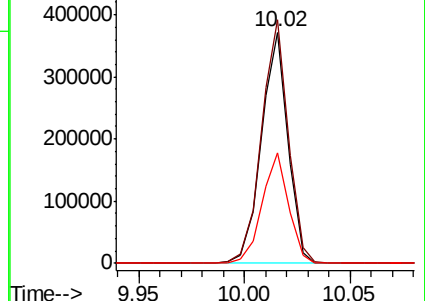
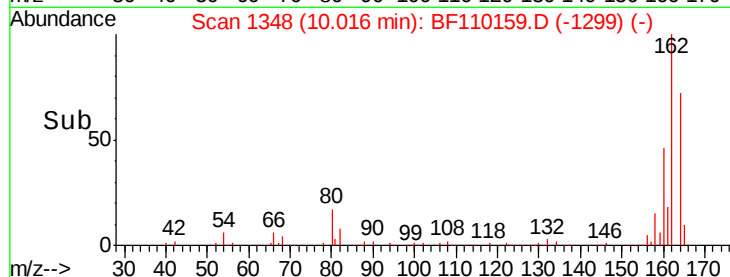
160 47.6 37.0 55.6



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: 41.290 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Tgt Ion:216 Resp: 417585

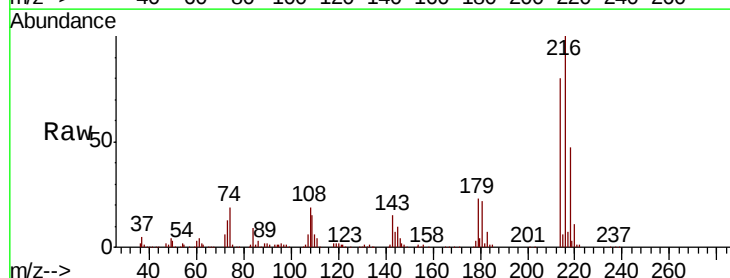
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 22.9 16.6 25.0

108 21.5 15.1 22.7

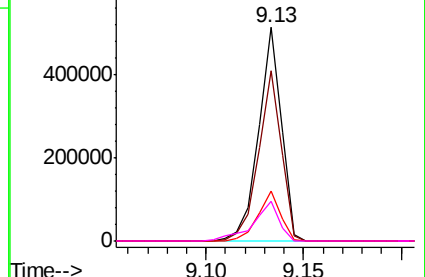
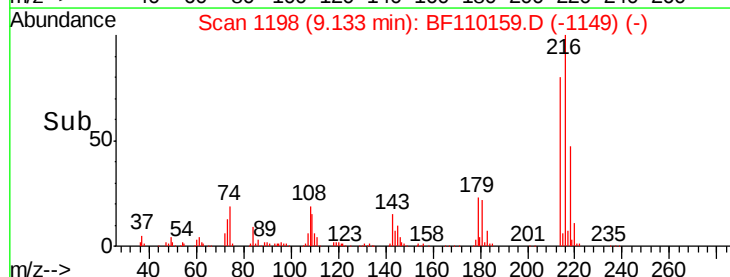


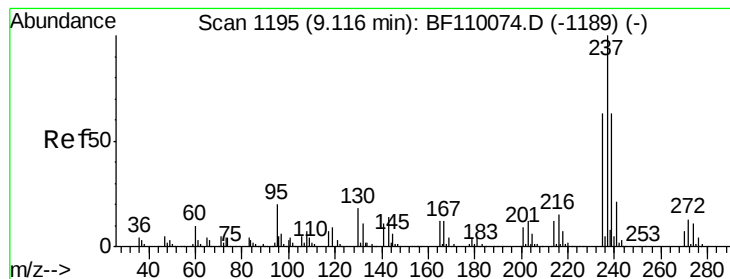
Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.048 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampled :

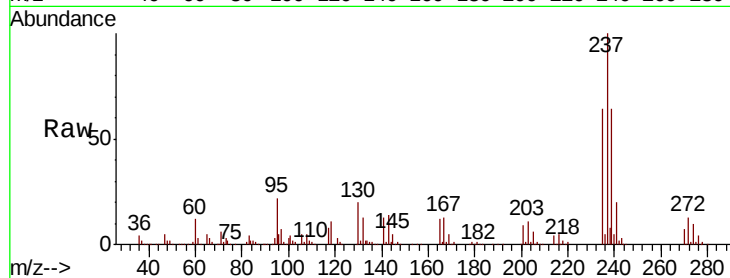
Tot Ion:237 Resp: 393272

Ion Ratio Lower Upper

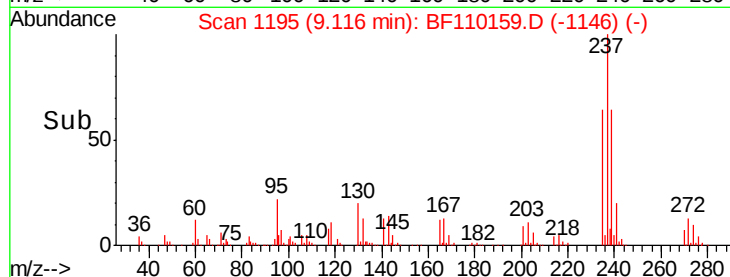
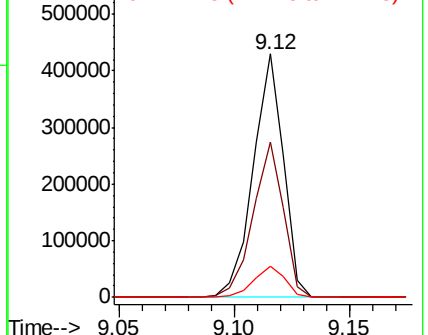
237 100

235 64.0 43.1 83.1

272 12.7 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: 123.617 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

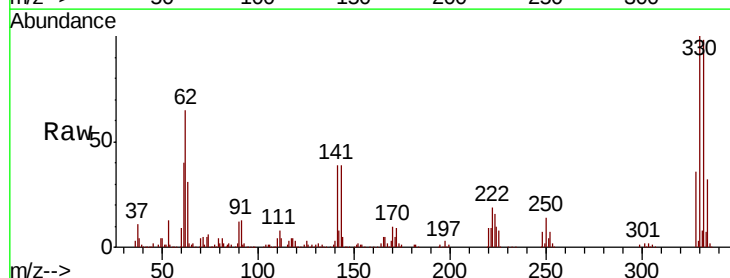
Tgt Ion:330 Resp: 397462

Ion Ratio Lower Upper

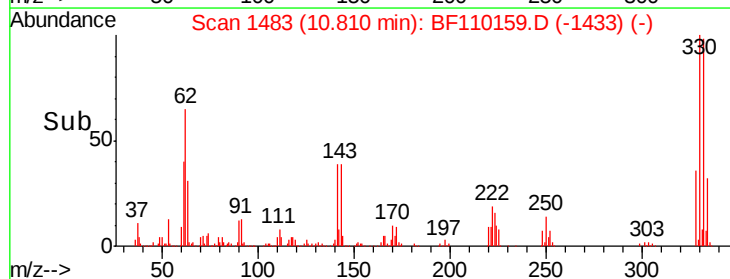
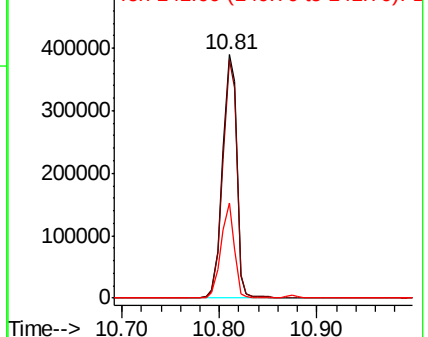
330 100

332 96.2 77.1 115.7

141 36.5 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

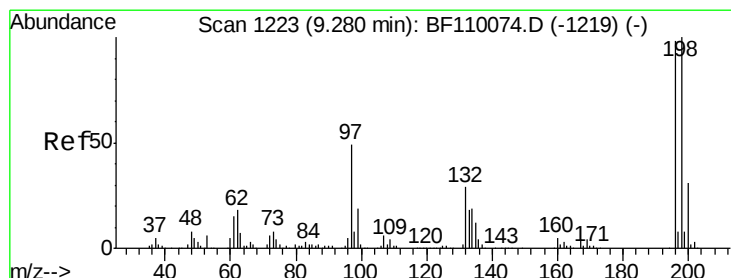
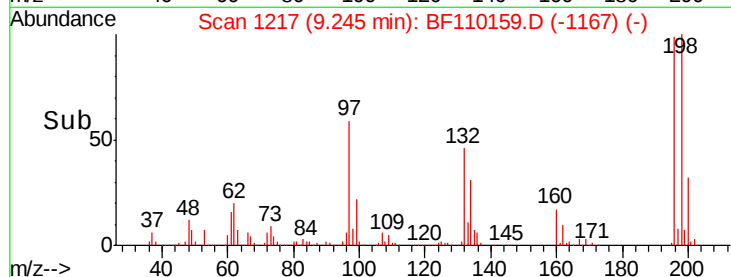
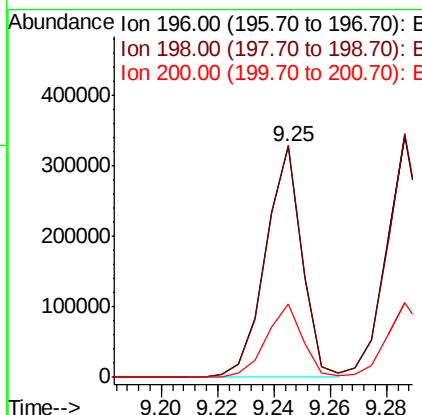
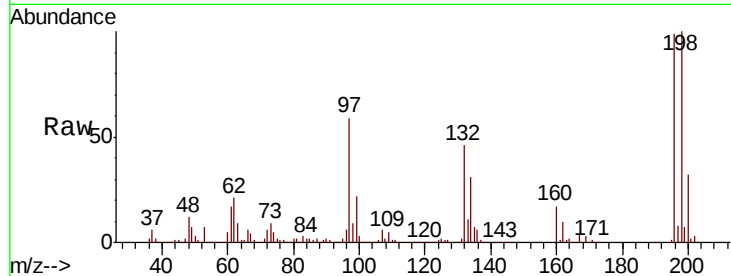




#43
 2,4,6-Trichlorophenol
 Concen: 44.921 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

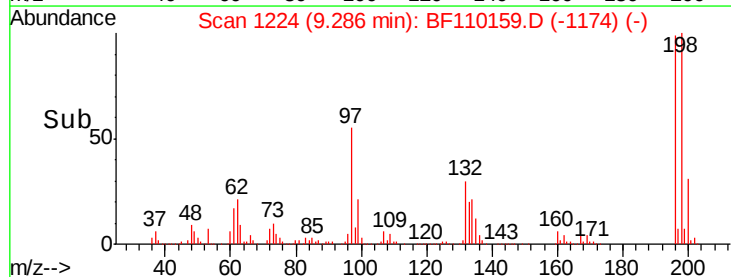
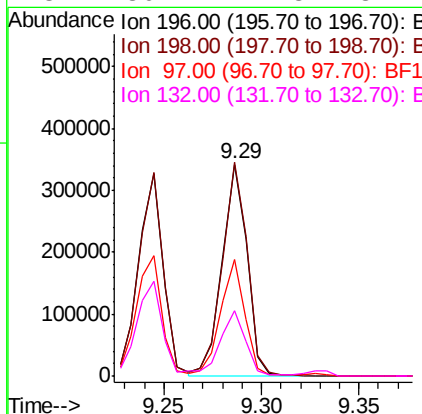
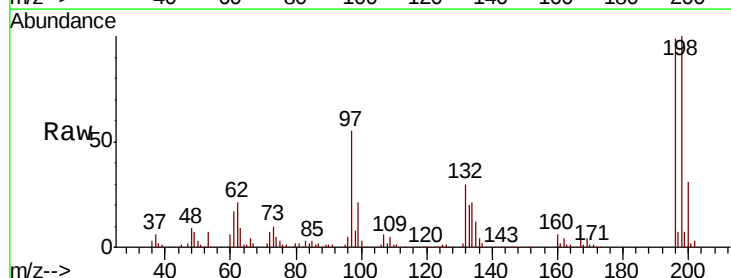
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	293024
Ion Ratio	Lower	Upper	
196	100		
198	100.6	76.2	114.4
200	31.9	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.240 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion	196	Resp	305041
Ion Ratio	Lower	Upper	
196	100		
198	100.9	75.8	113.6
97	55.2	42.4	63.6
132	30.7	22.8	34.2

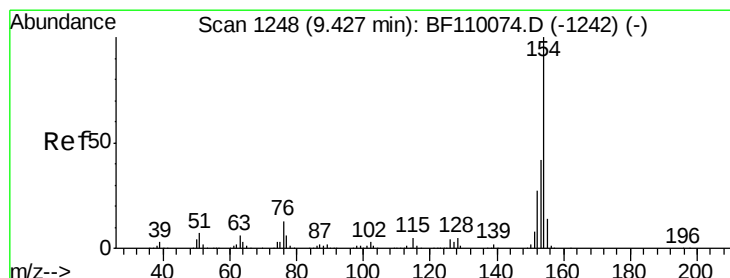
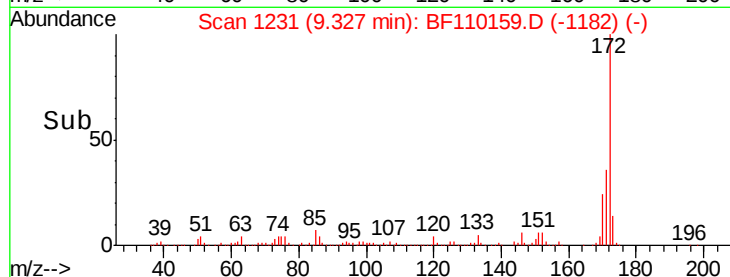
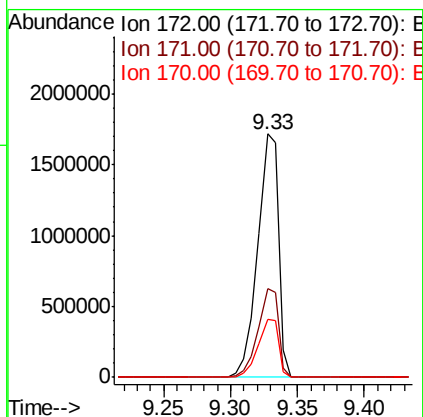
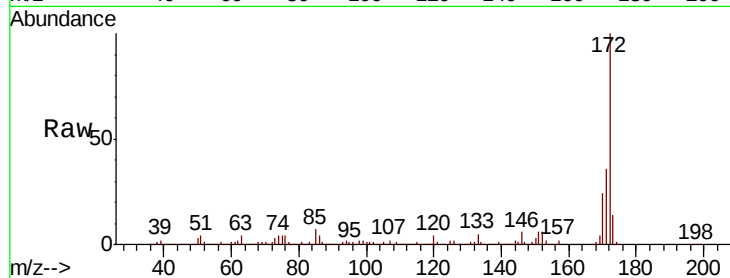




#45
2-Fluorobiphenyl
Concen: 88.246 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

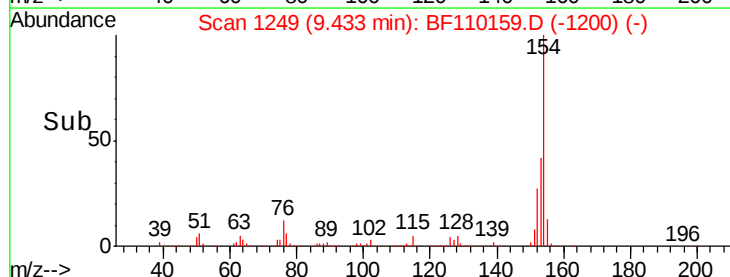
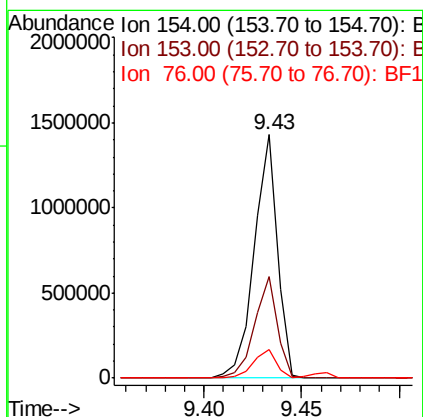
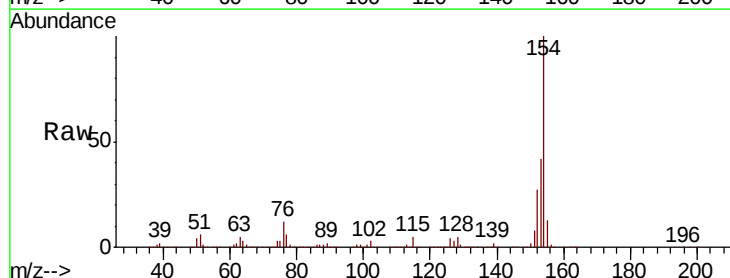
Instrument :
BNA_F
ClientSampleId :

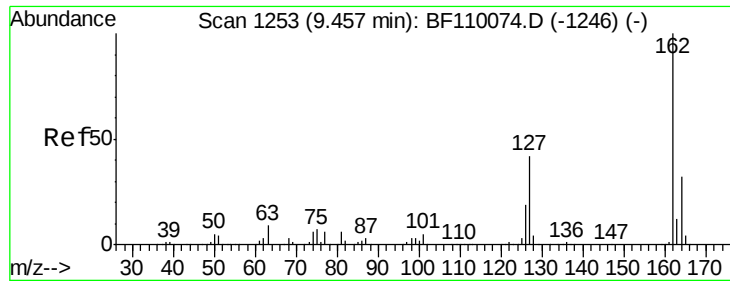
Tot Ion:172 Resp: 1824123
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.9 19.7 29.5



#46
1,1'-Biphenyl
Concen: 40.175 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:154 Resp: 1179229
Ion Ratio Lower Upper
154 100
153 41.7 20.4 60.4
76 12.0 0.0 31.9

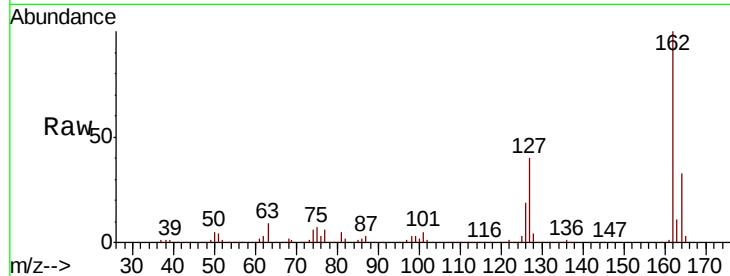




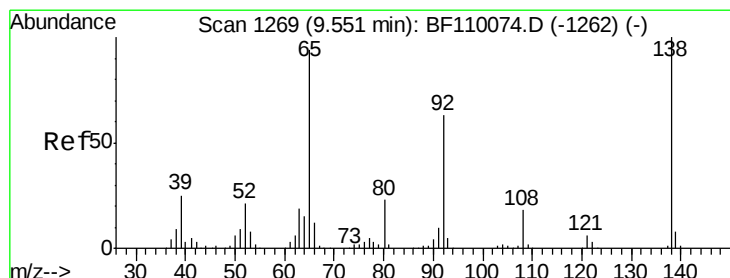
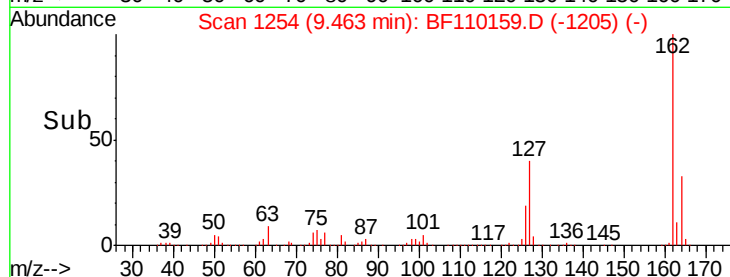
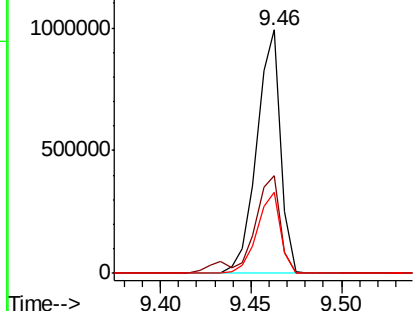
#47
 2-Chloronaphthalene
 Concen: 42.065 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.6	48.8
164	33.4	25.9	38.9

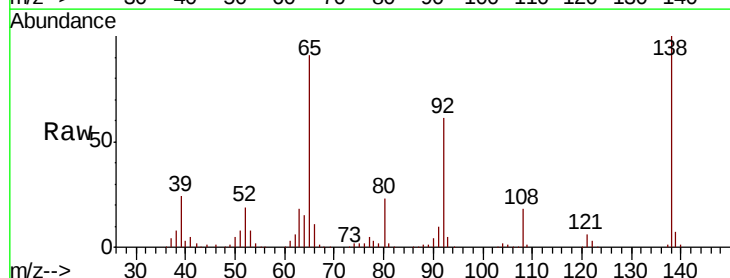


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

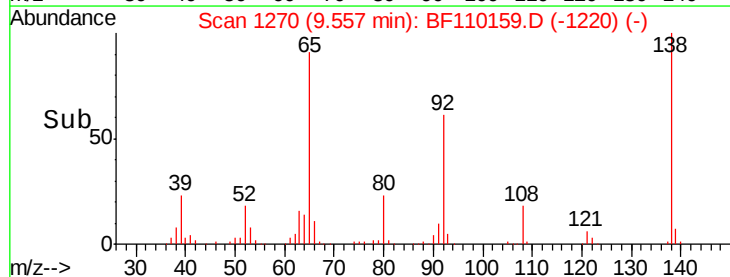
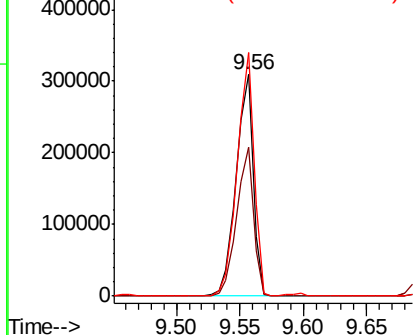


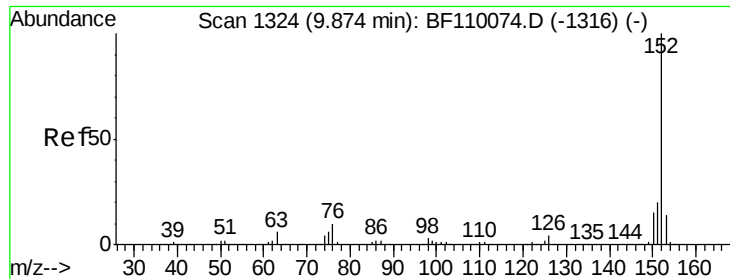
#48
 2-Nitroaniline
 Concen: 43.924 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.6	81.8
138	109.8	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: 44.889 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

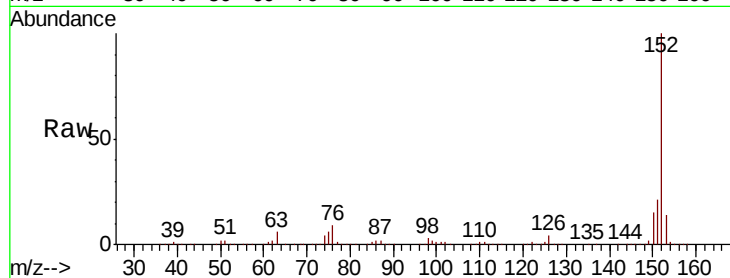
Tot Ion:152 Resp: 1395971

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

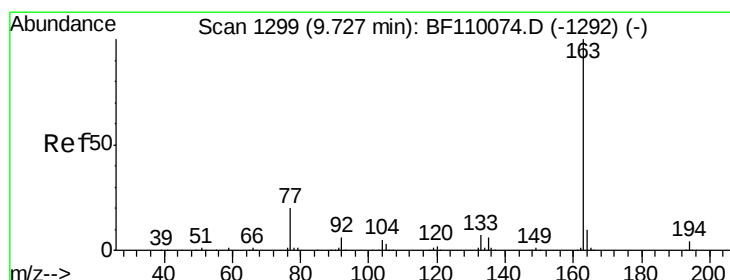
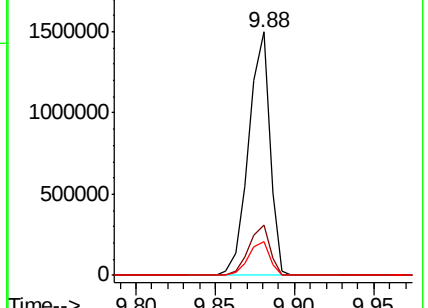
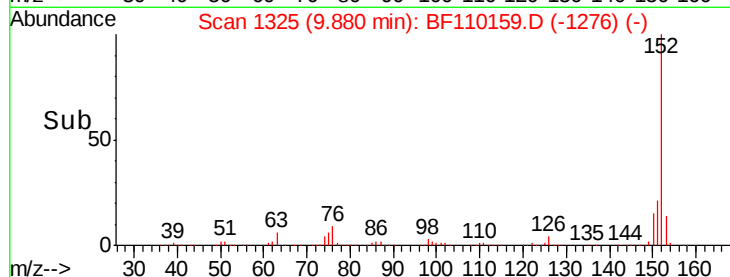
153 13.8 10.4 15.6



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: 53.979 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

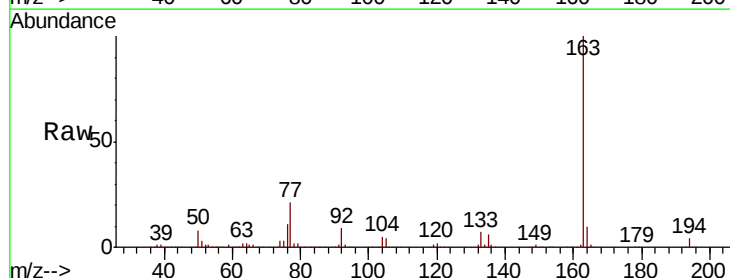
Tgt Ion:163 Resp: 1293355

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

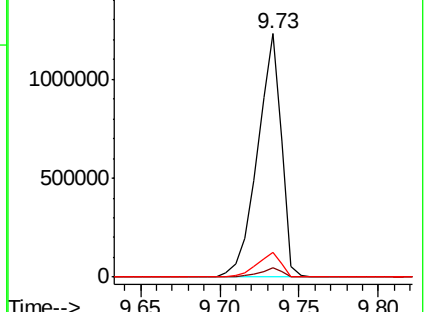
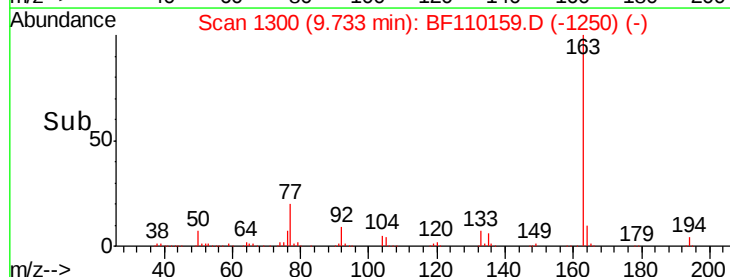
164 10.3 8.1 12.1

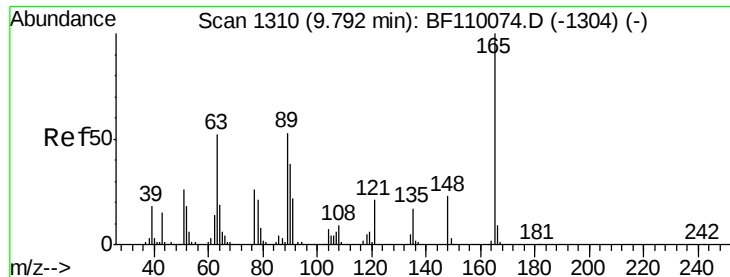


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

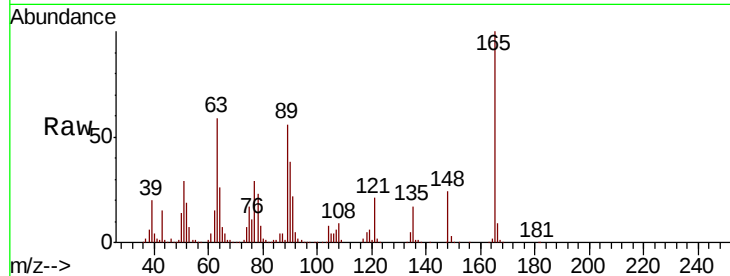




#51
2,6-Dinitrotoluene
Concen: 44.932 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.0	48.9	73.3
89	56.2	46.6	69.8

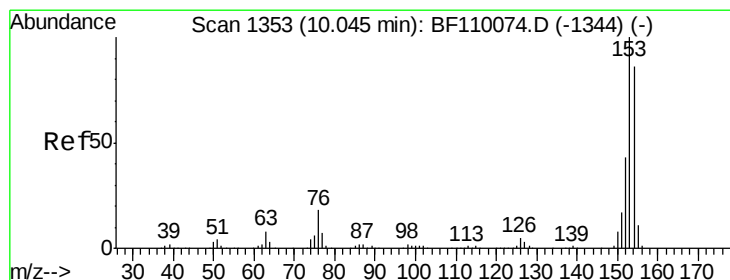
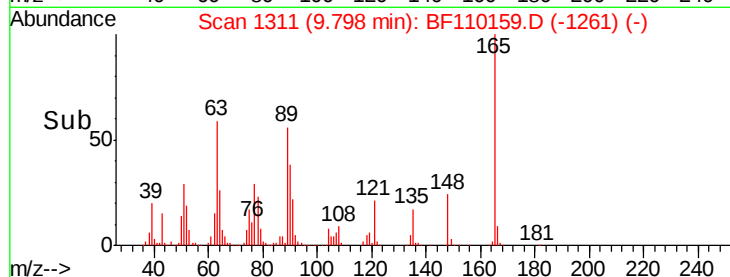
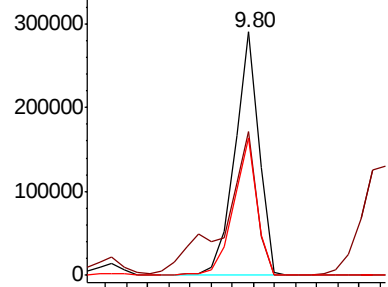


Abundance

Ion 165.00 (164.70 to 165.70): E

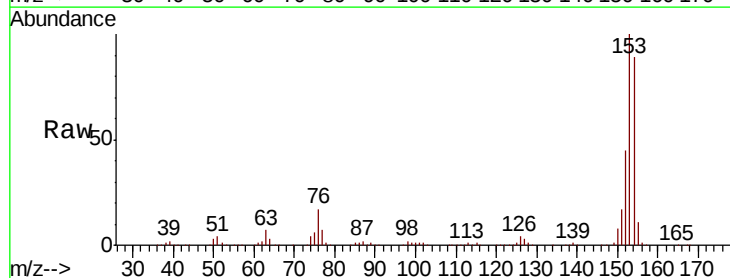
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 41.903 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.1	135.1
152	51.1	43.4	65.2

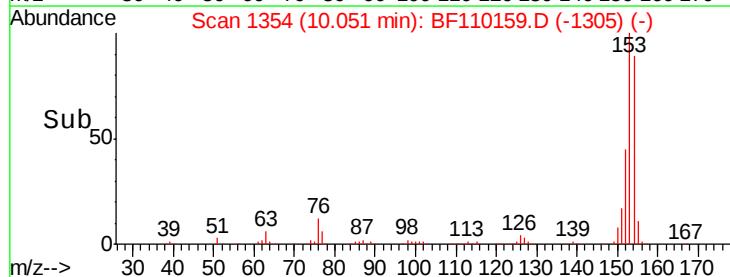
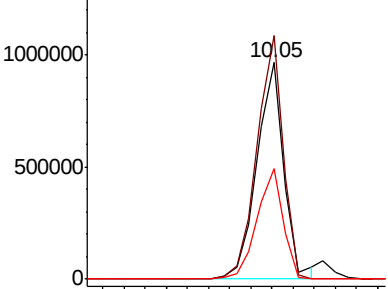


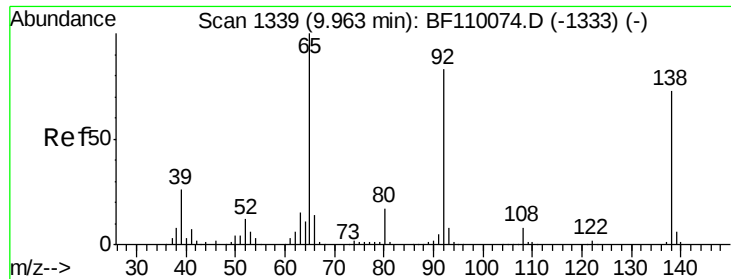
Abundance

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

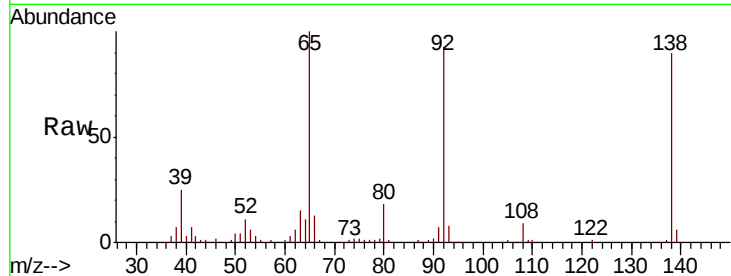




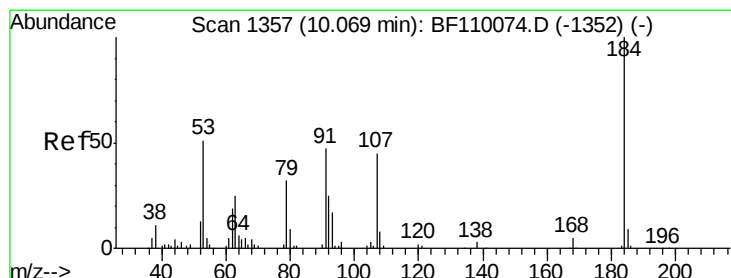
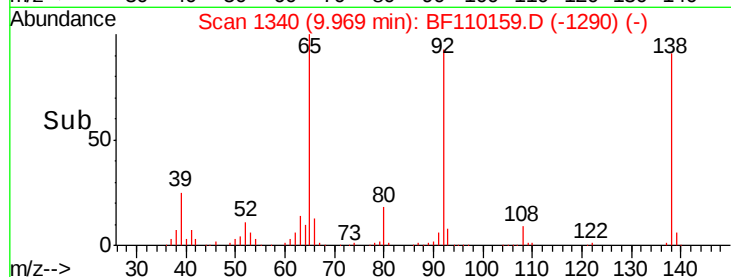
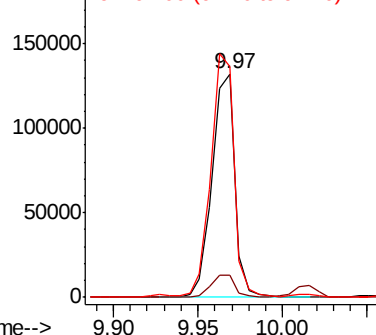
#53
3-Nitroaniline
Concen: 20.340 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 124838
Ion Ratio Lower Upper
138 100
108 9.9 8.7 13.1
92 103.2 97.0 145.4

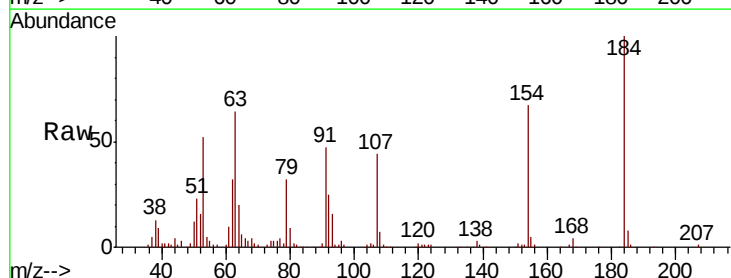


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

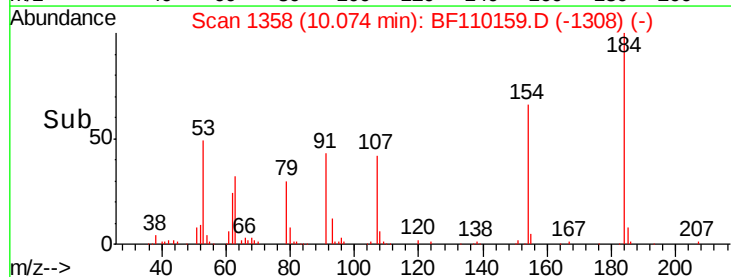
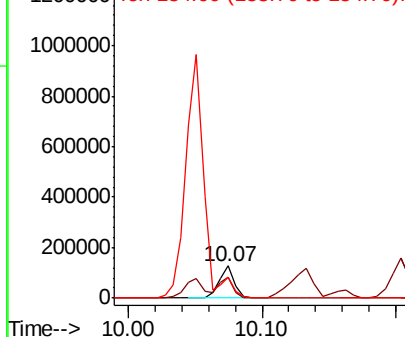


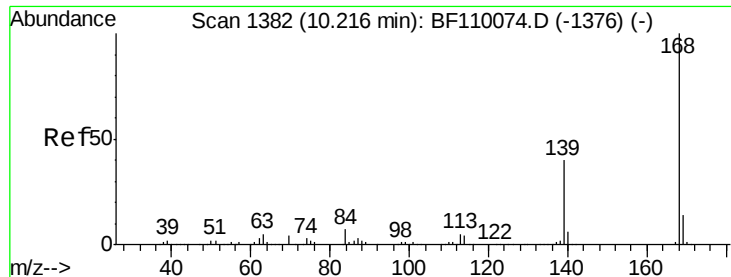
#54
2,4-Dinitrophenol
Concen: 50.996 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:184 Resp: 100348
Ion Ratio Lower Upper
184 100
63 63.6 55.8 83.6
154 66.7 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

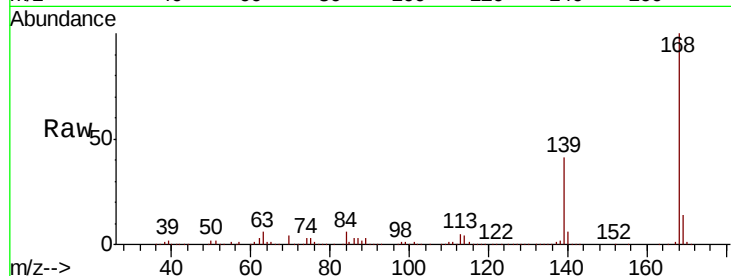




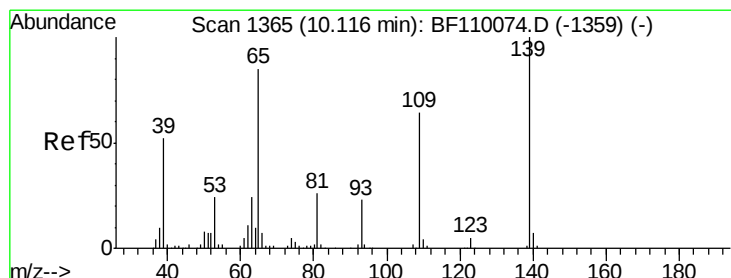
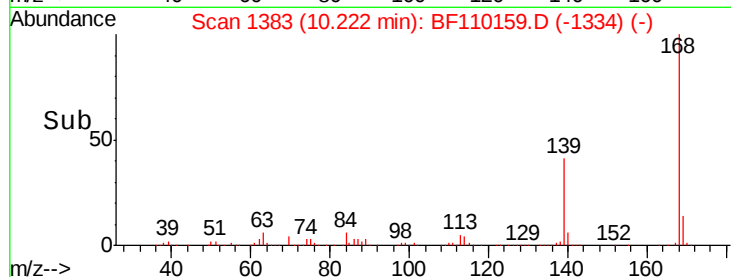
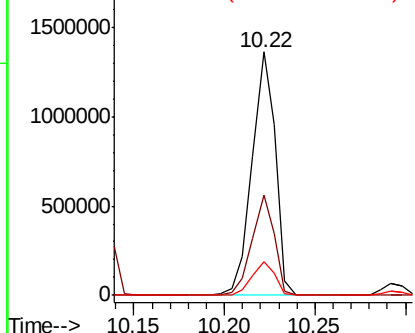
#55
Dibenzenofuran
Concen: 42.123 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1213309
Ion Ratio Lower Upper
168 100
139 41.2 33.0 49.6
169 13.8 11.3 16.9

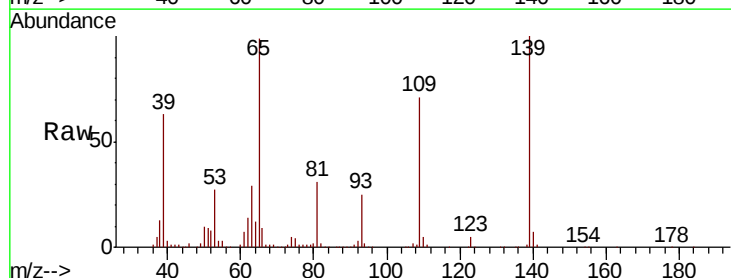


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

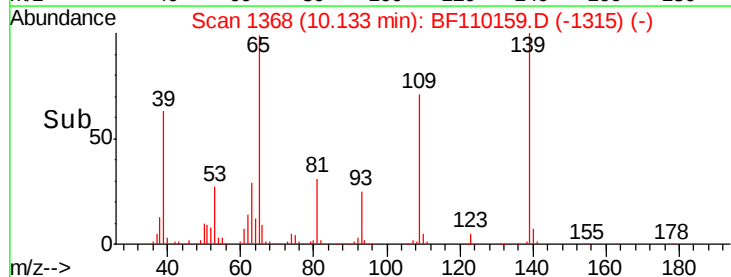
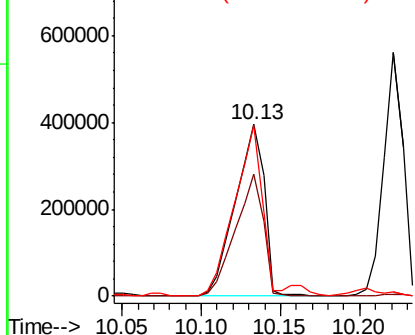


#56
4-Nitrophenol
Concen: 109.901 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:139 Resp: 499229
Ion Ratio Lower Upper
139 100
109 71.0 55.8 95.8
65 99.2 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

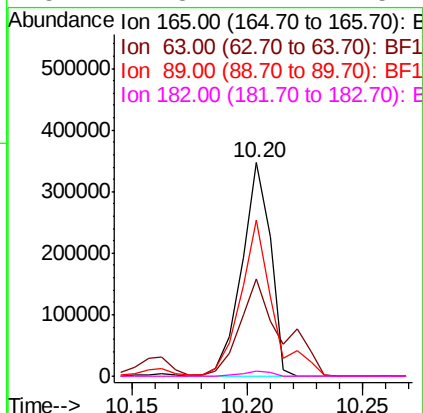
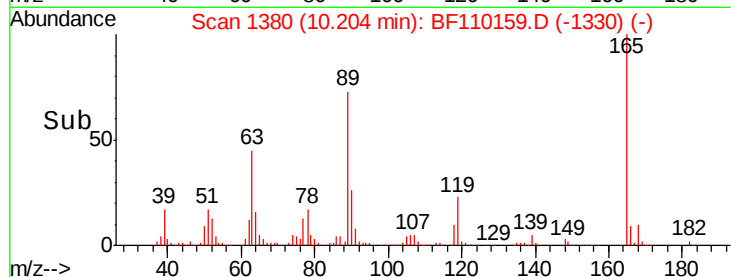
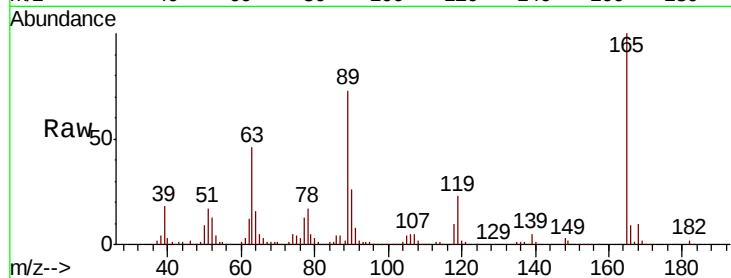




#57
2,4-Dinitrotoluene
Concen: 46.341 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

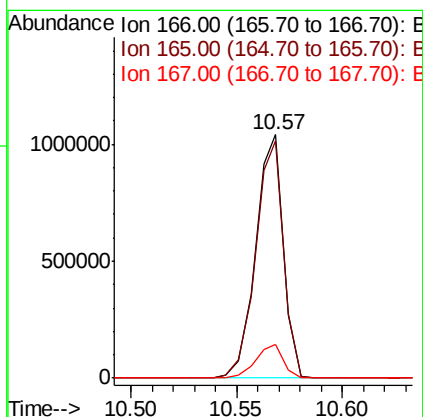
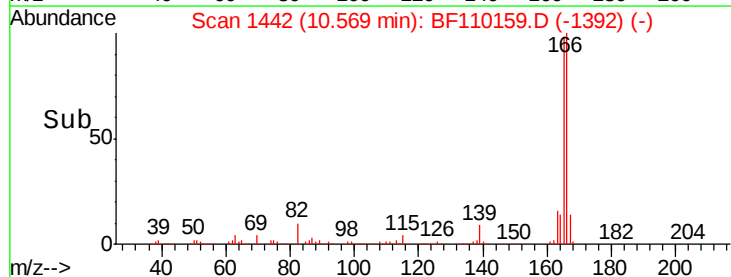
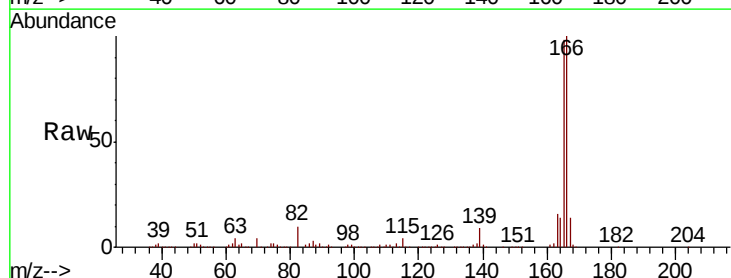
Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	303795
Ion	Ratio	Lower Upper
165	100	
63	45.5	44.8 67.2
89	73.0	62.2 93.4
182	2.3	2.1 3.1



#58
Fluorene
Concen: 44.229 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:166	Resp:	948133
Ion	Ratio	Lower Upper
166	100	
165	97.7	78.6 117.8
167	13.6	10.8 16.2

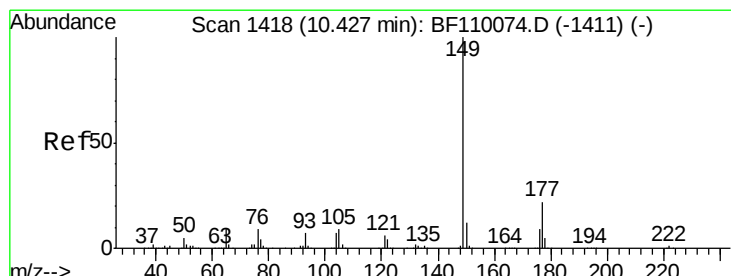
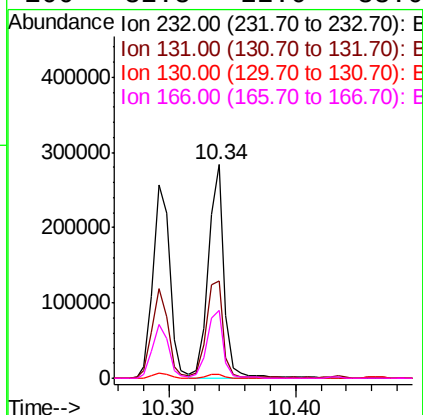
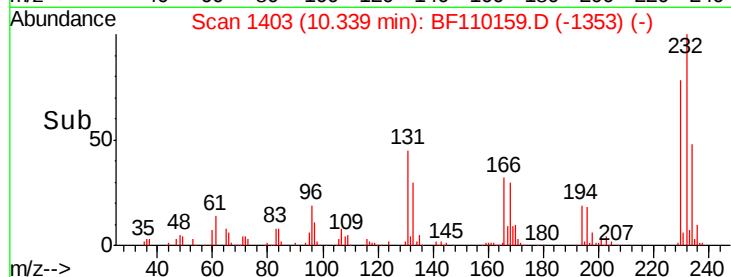
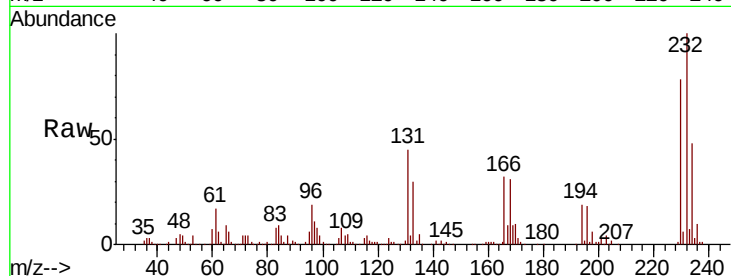




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.750 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

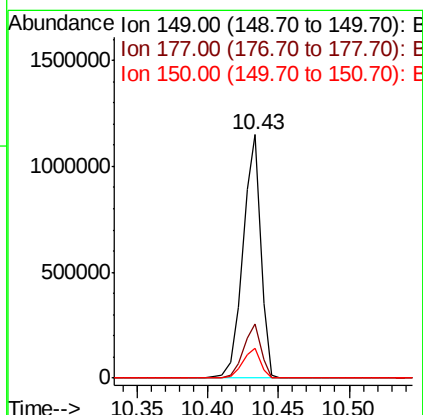
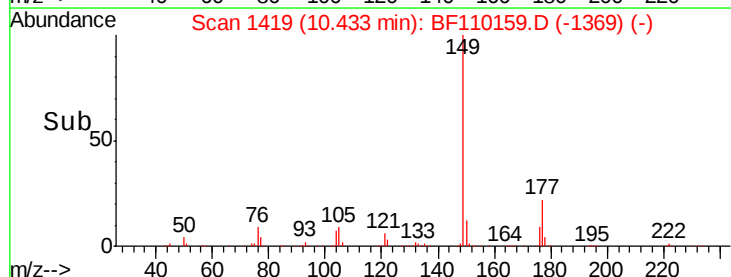
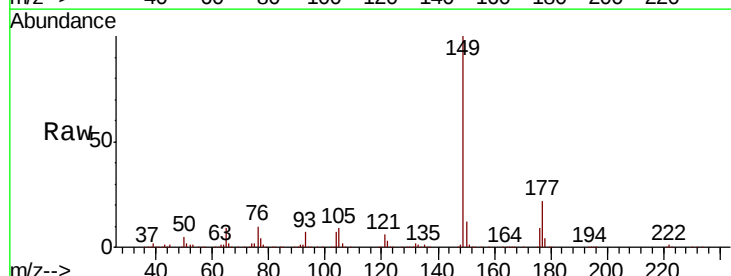
Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 245884
Ion Ratio Lower Upper
232 100
131 48.6 37.0 55.4
130 2.5 1.8 2.6
166 32.8 22.0 33.0



#60
Diethylphthalate
Concen: 42.946 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:149 Resp: 1004466
Ion Ratio Lower Upper
149 100
177 22.5 17.4 26.2
150 12.3 9.8 14.8

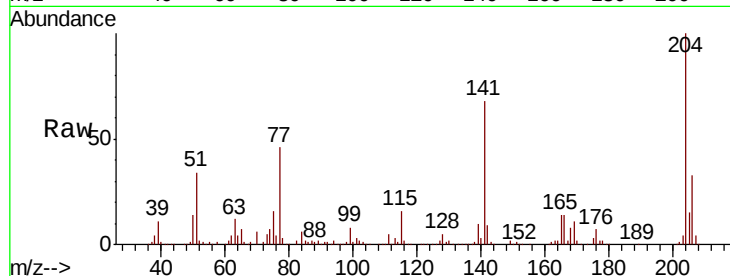




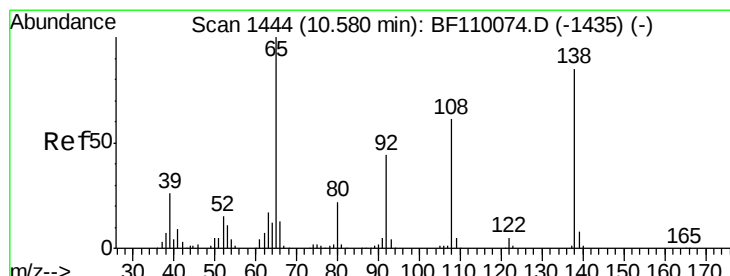
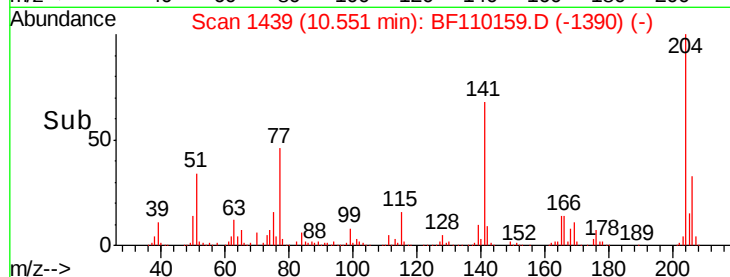
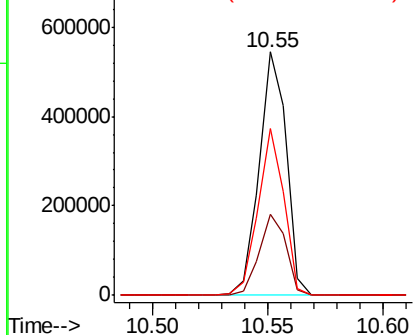
#61
4-Chlorophenyl-phenylether
Concen: 39.693 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 448877
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 68.5 51.8 77.8

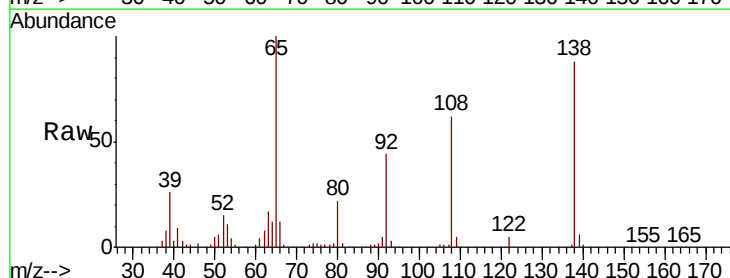


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

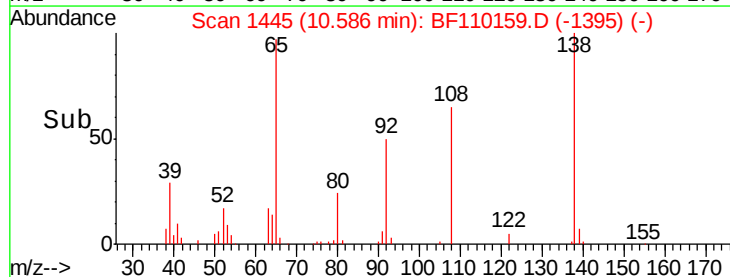
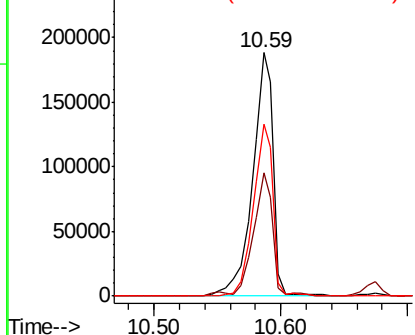


#62
4-Nitroaniline
Concen: 35.173 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:138 Resp: 214709
Ion Ratio Lower Upper
138 100
92 50.4 31.7 71.7
108 70.6 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: 41.859 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 971821

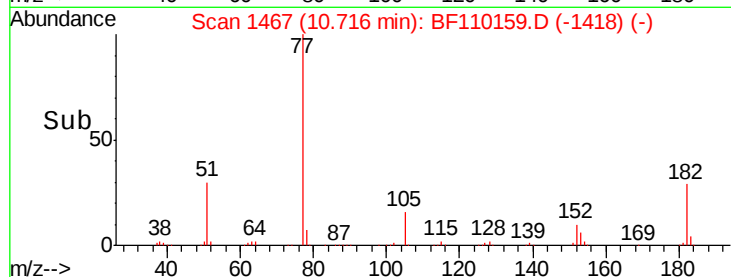
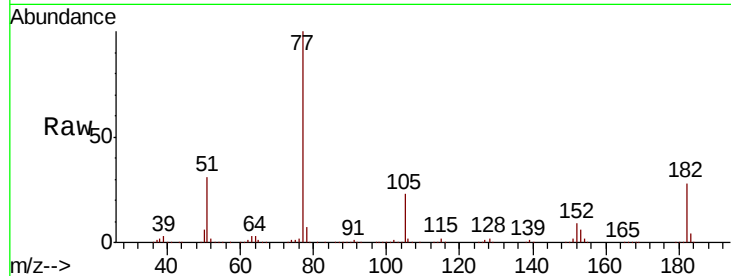
Ion Ratio Lower Upper

77 100

182 27.6 4.3 44.3

105 22.9 1.3 41.3

51 31.3 9.0 49.0

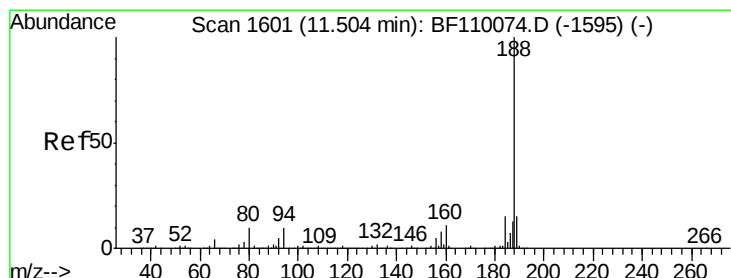
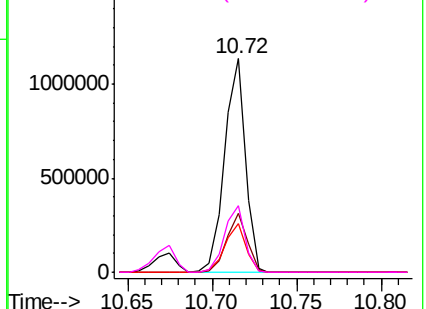


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

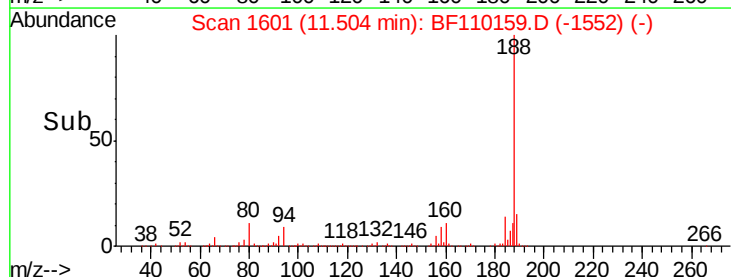
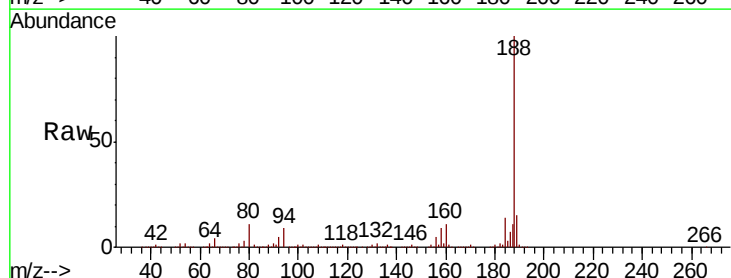
Tgt Ion: 188 Resp: 555366

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

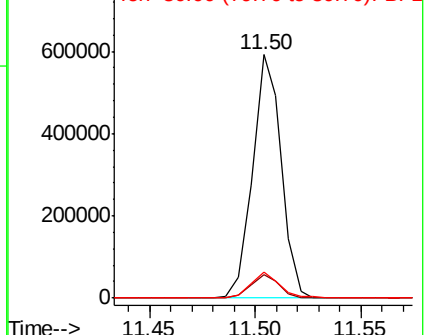
80 10.9 7.9 11.9

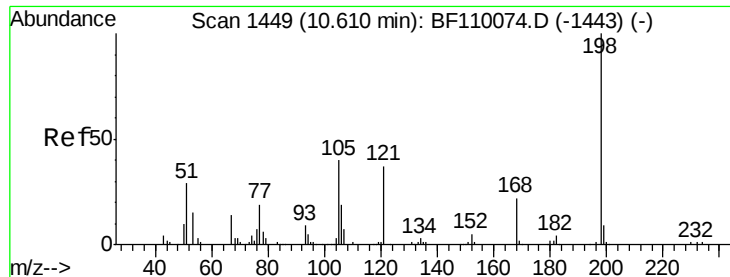


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

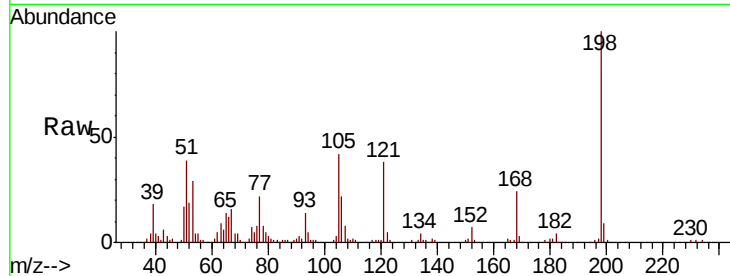




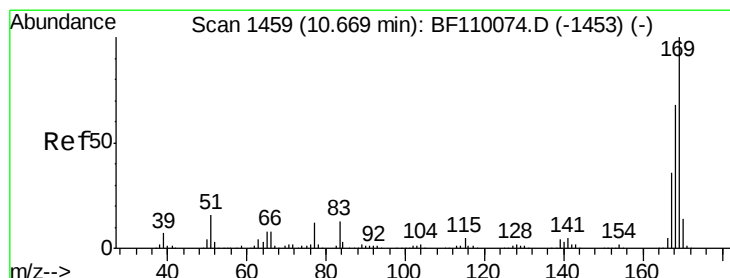
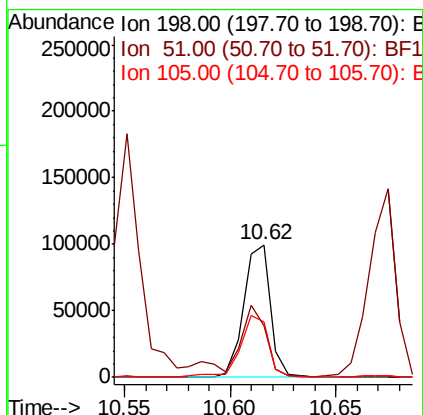
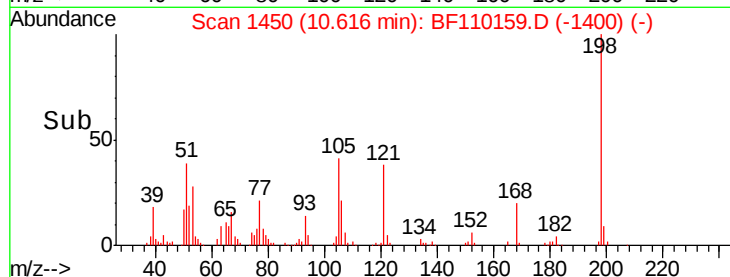
#65
4,6-Dinitro-2-methylphenol
Concen: 34.314 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 87065
Ion Ratio Lower Upper
198 100
51 39.3 22.8 62.8
105 41.6 23.6 63.6

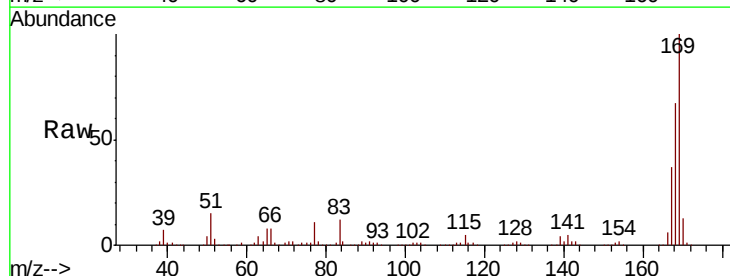


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

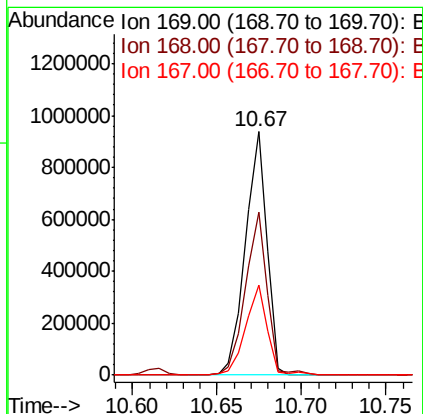
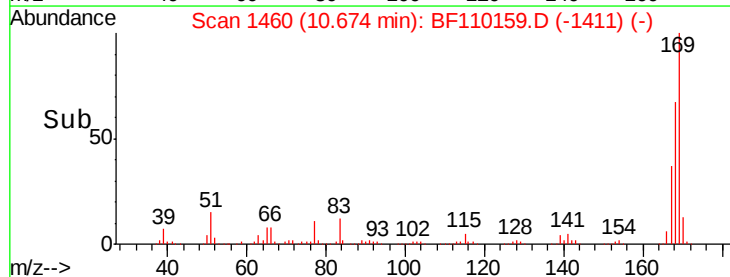


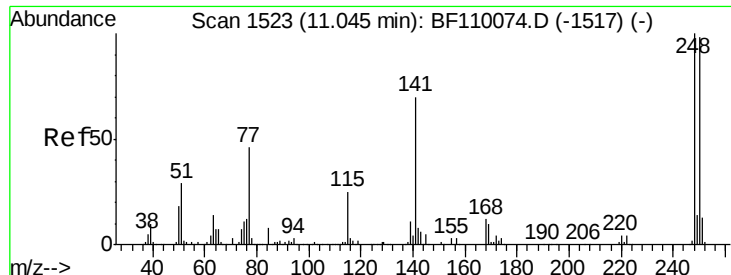
#66
n-Nitrosodiphenylamine
Concen: 45.949 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:169 Resp: 837014
Ion Ratio Lower Upper
169 100
168 67.1 51.2 76.8
167 36.8 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

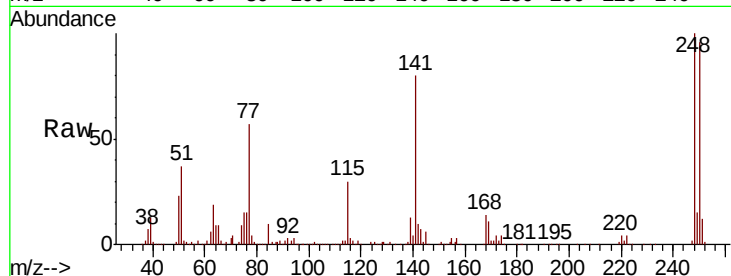




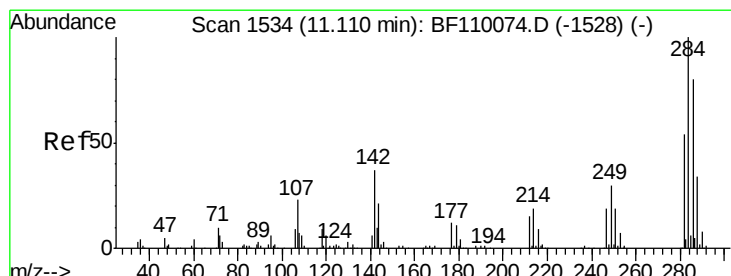
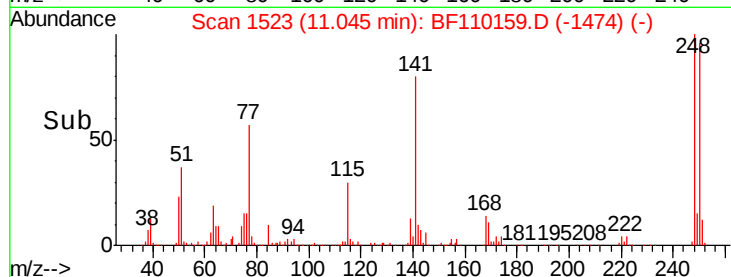
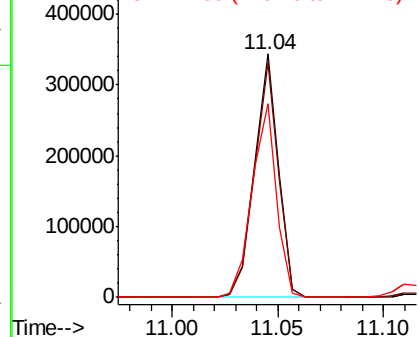
#67
4-Bromophenyl-phenylether
Concen: 45.169 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 272105
Ion Ratio Lower Upper
248 100
250 96.1 79.4 119.2
141 79.7 55.9 83.9

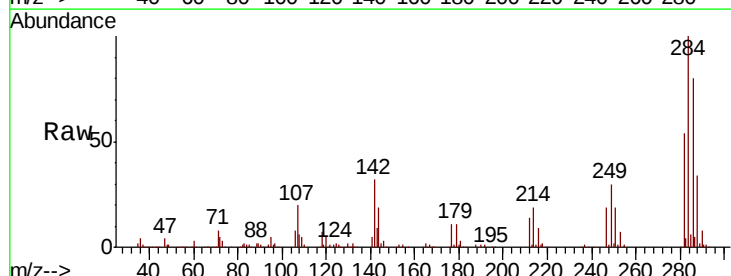


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

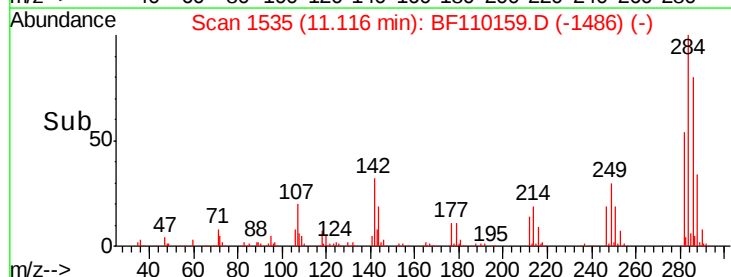
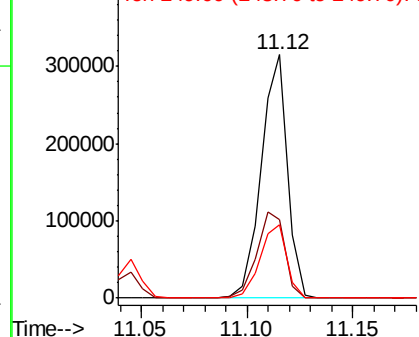


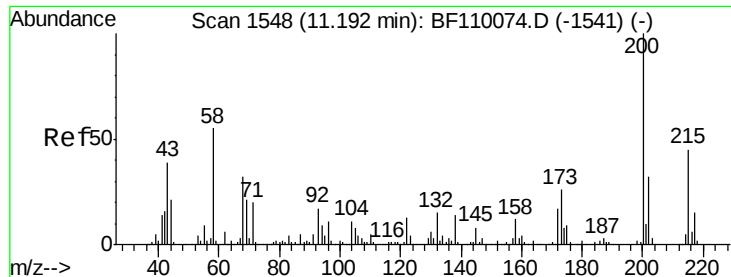
#68
Hexachlorobenzene
Concen: 42.630 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:284 Resp: 272479
Ion Ratio Lower Upper
284 100
142 32.4 23.9 35.9
249 30.1 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: 44.220 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

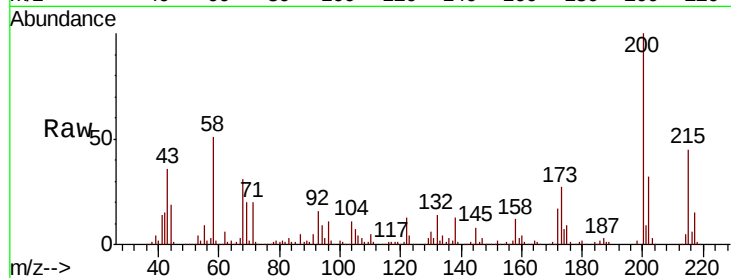
Tot Ion:200 Resp: 254559

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

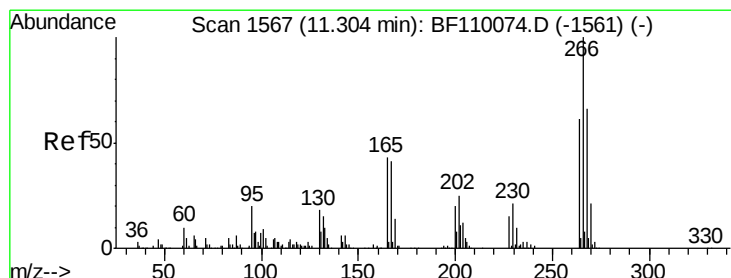
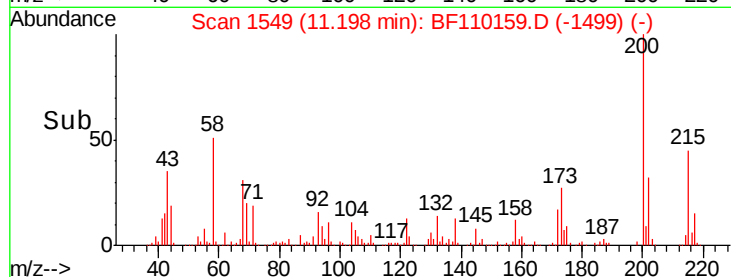
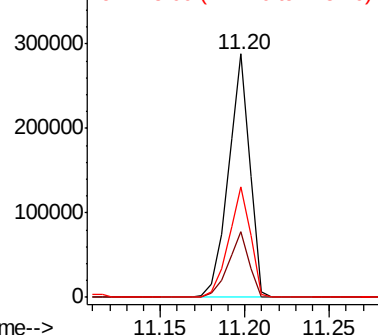
215 45.5 26.3 66.3



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: 68.321 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

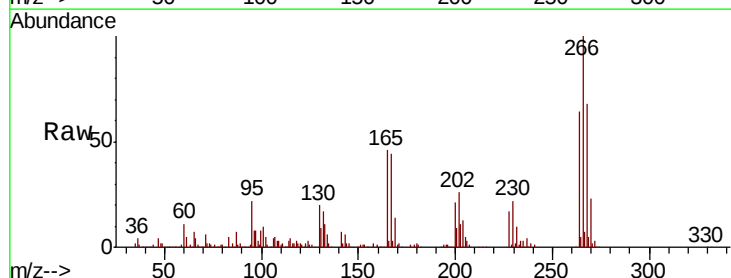
Tgt Ion:266 Resp: 254638

Ion Ratio Lower Upper

266 100

268 68.5 50.6 75.8

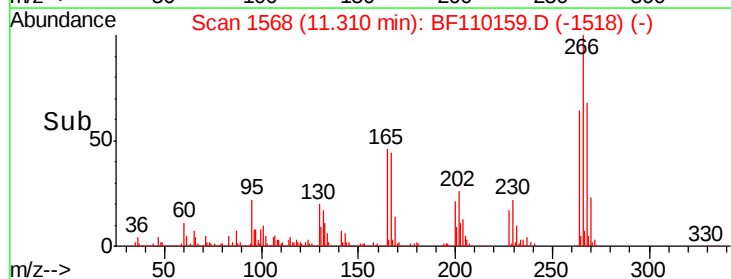
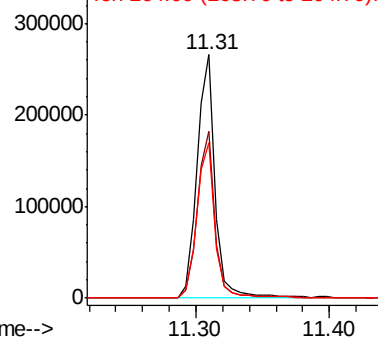
264 63.6 50.6 75.8

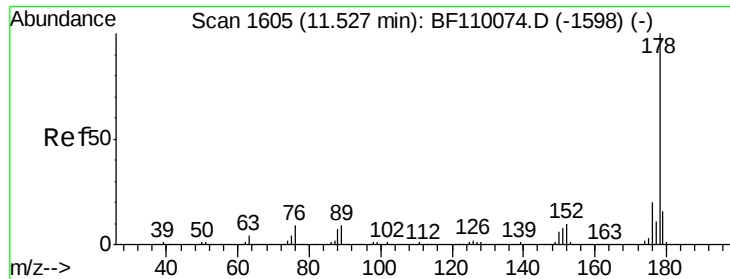


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

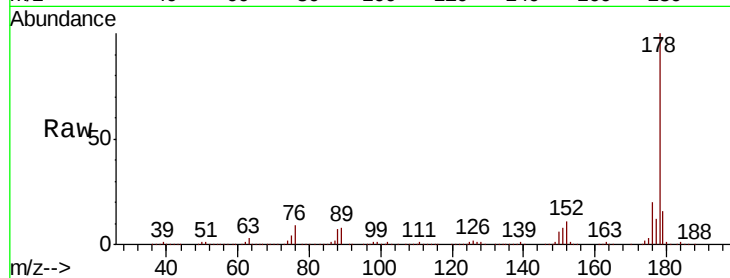




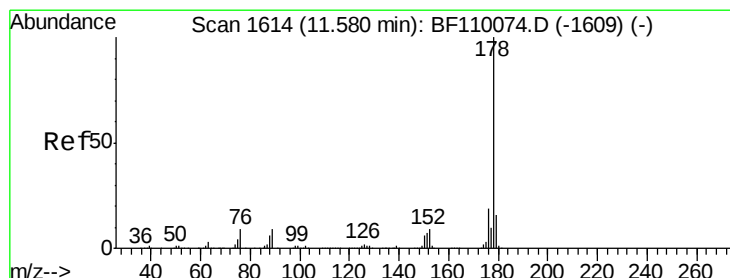
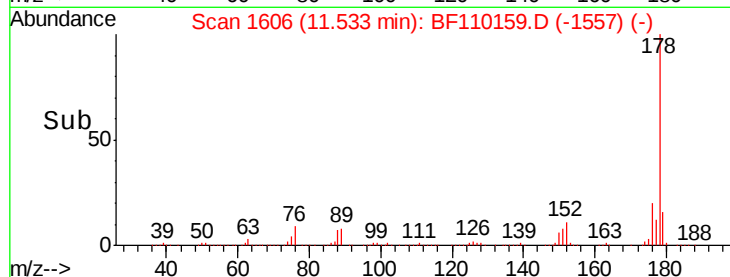
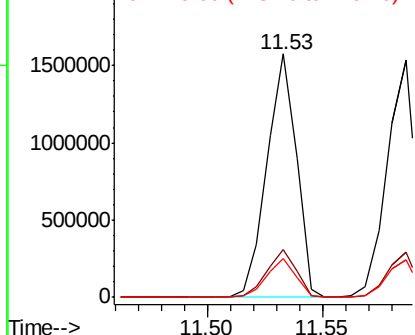
#71
Phenanthrene
Concen: 48.310 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1403861
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.9 12.5 18.7

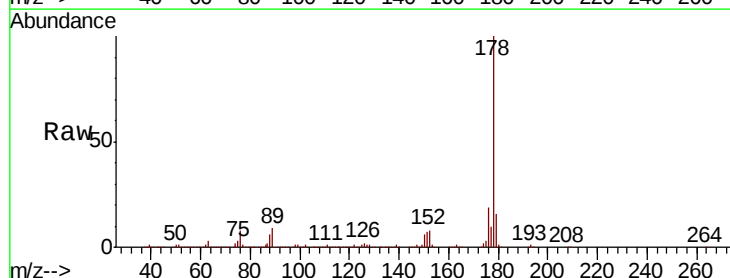


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

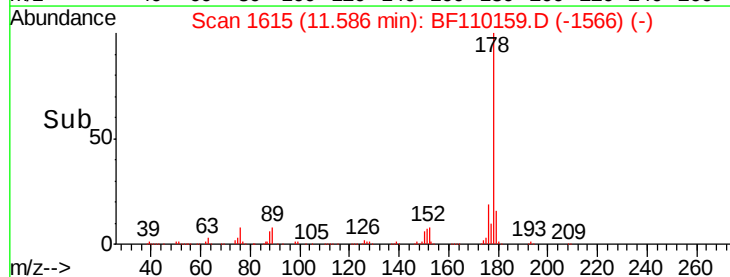
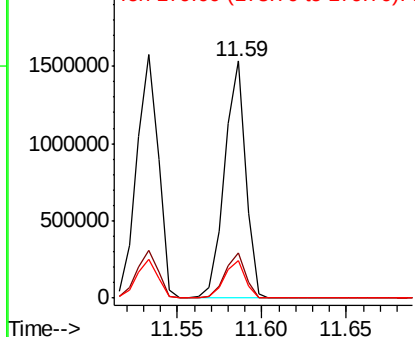


#72
Anthracene
Concen: 45.360 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:178 Resp: 1321211
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.9 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

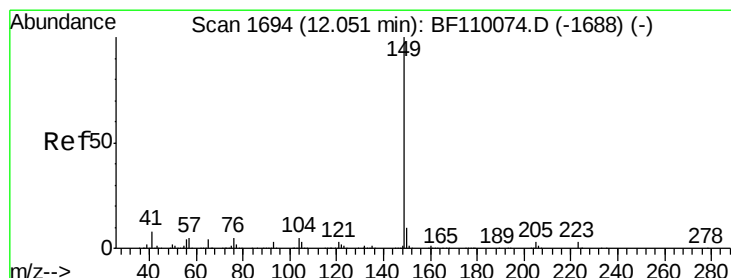
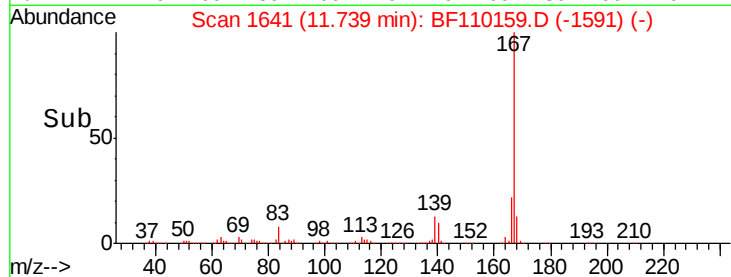
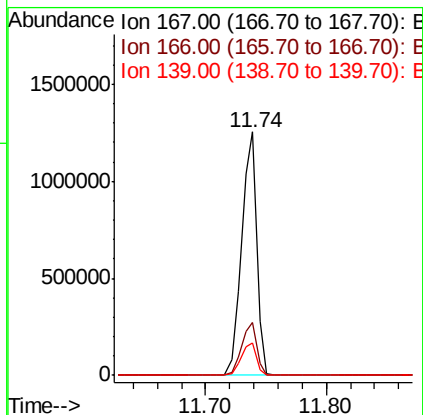
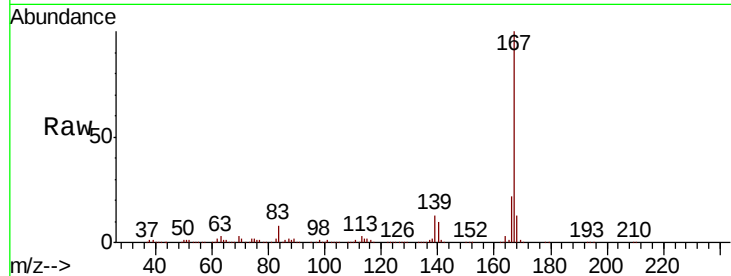




#73
 Carbazole
 Concen: 38.737 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

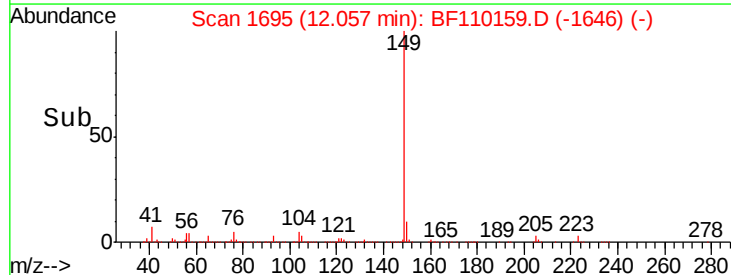
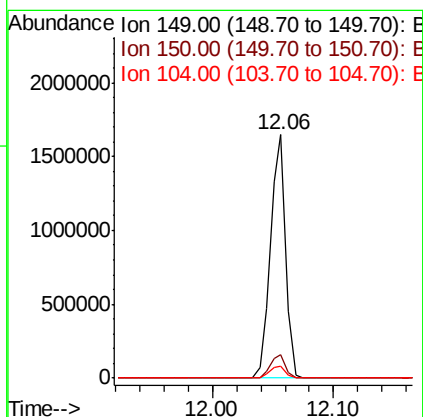
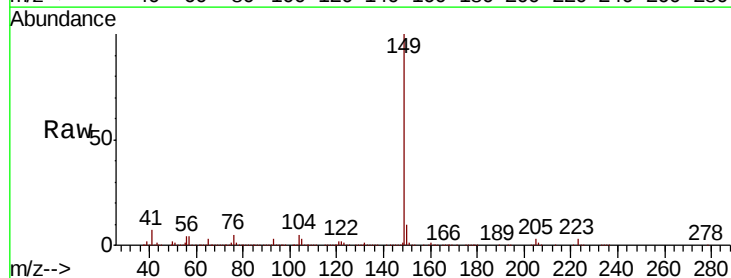
Instrument :
 BNA_F
 ClientSampleId :

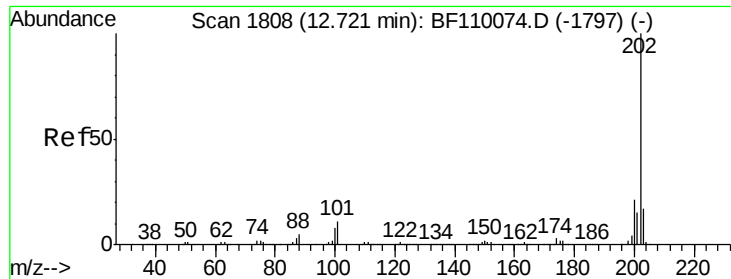
Tot Ion:167 Resp: 1101675
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 44.073 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion:149 Resp: 1415608
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 41.999 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

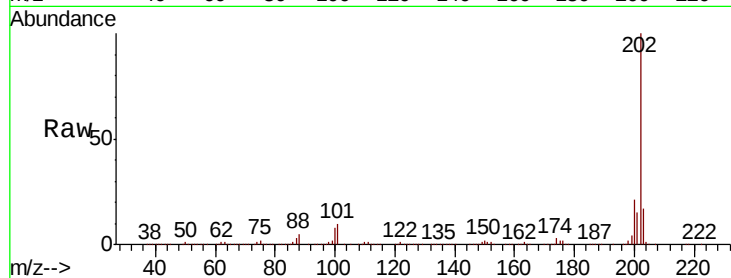
Tot Ion:202 Resp: 1238617

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.4

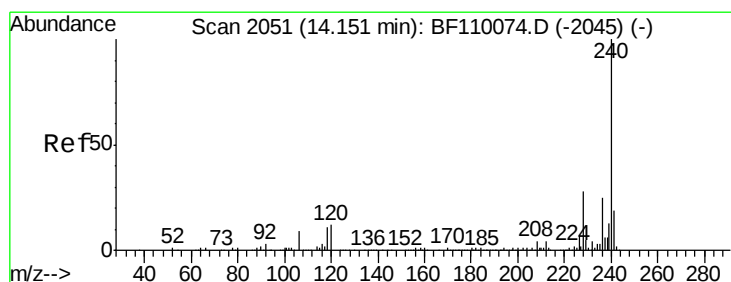
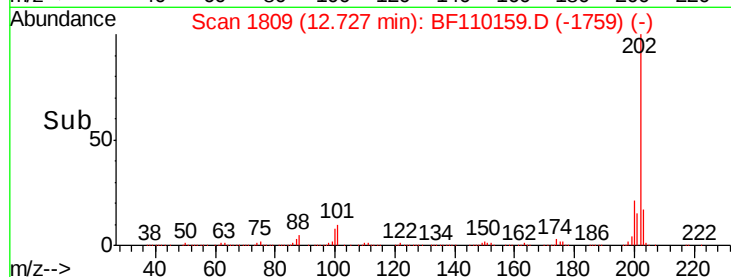
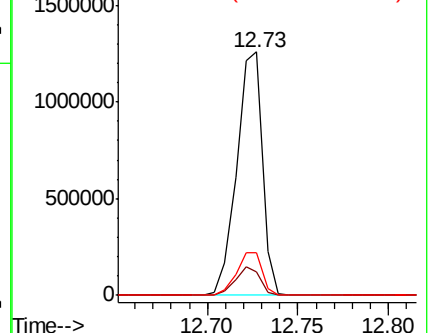
203 17.4 0.0 37.7



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: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

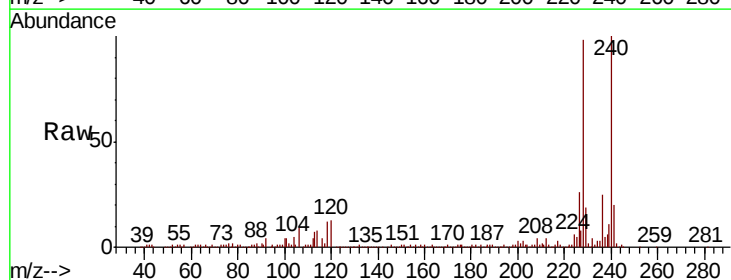
Tgt Ion:240 Resp: 285735

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

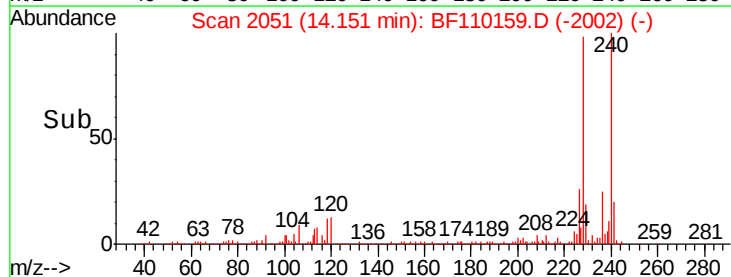
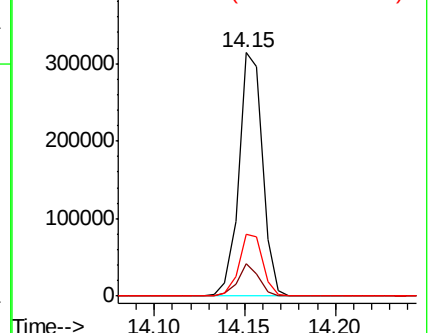
236 25.2 21.2 31.8

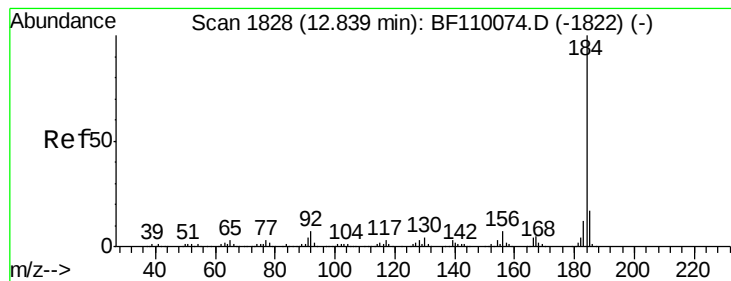


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.574 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

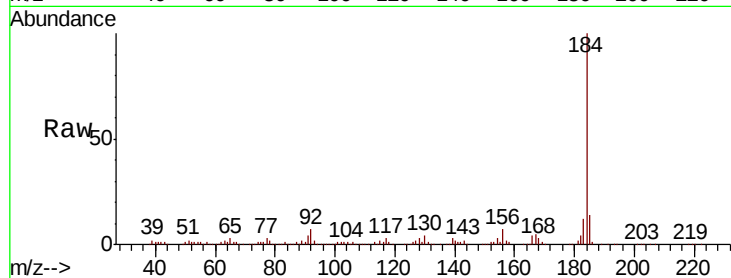
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 218734

Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.2
183	11.8	9.4	14.2

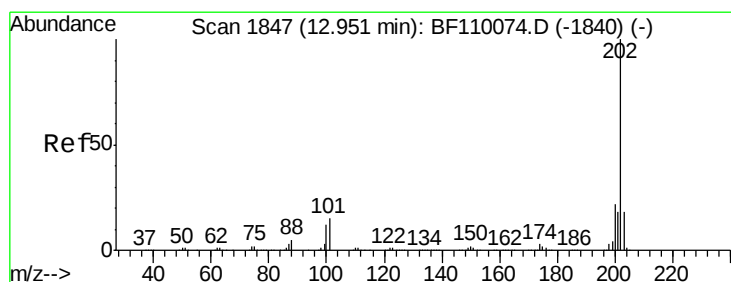
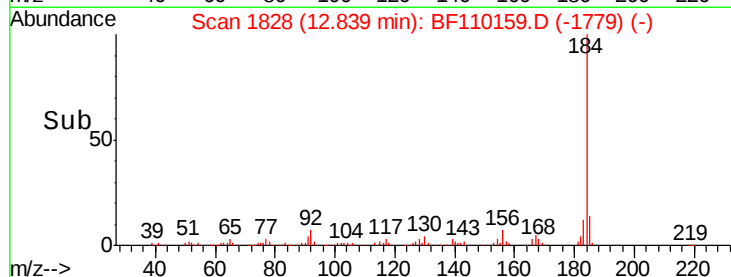
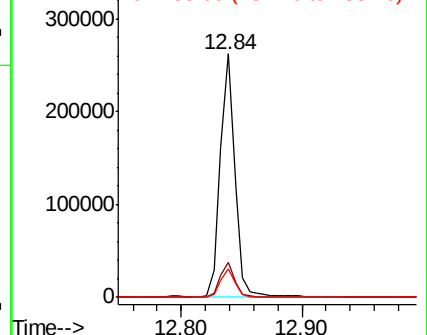


Abundance

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: 56.462 ng

RT: 12.96 min Scan# 1848

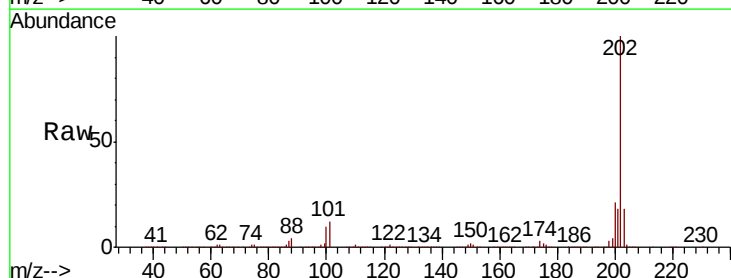
Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Tgt Ion:202 Resp: 1156608

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.6	14.2	21.4

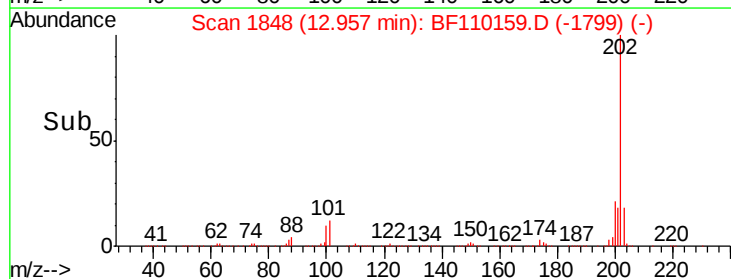
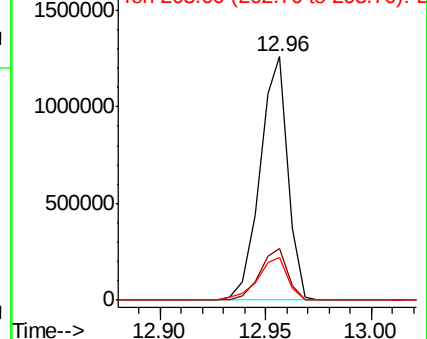


Abundance

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



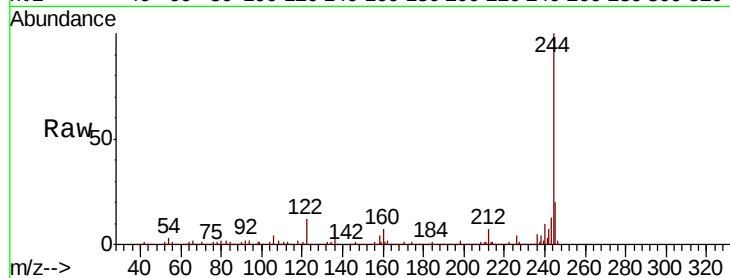


#79
 Terphenyl-d14
 Concen: 98.787 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

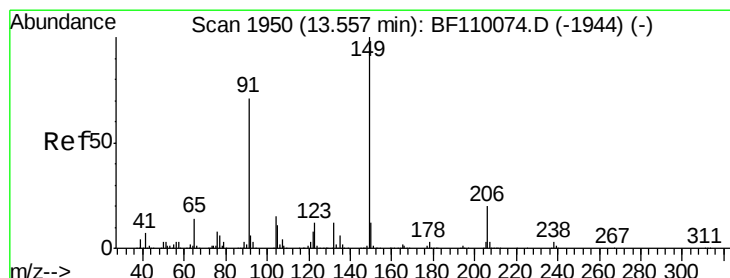
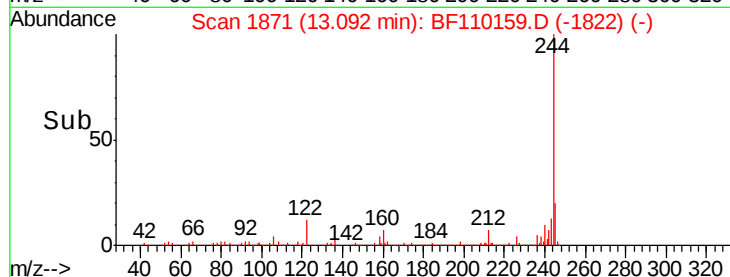
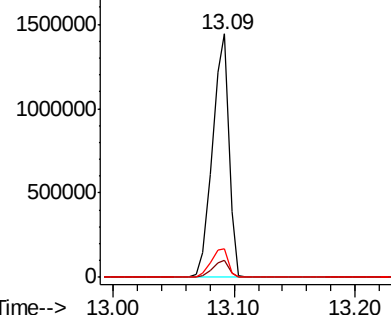
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1357249

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.6	8.7	13.1



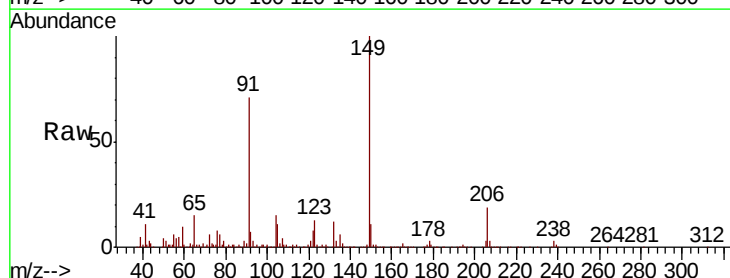
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



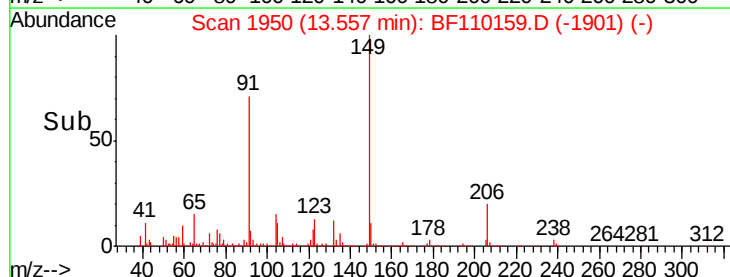
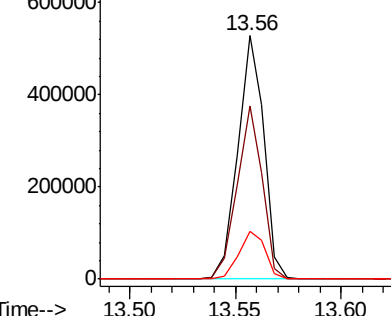
#80
 Butylbenzylphthalate
 Concen: 50.759 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

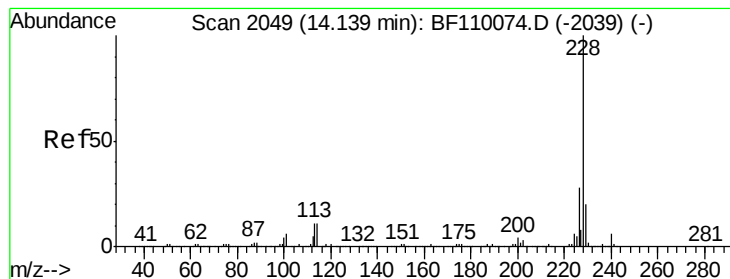
Tgt Ion:149 Resp: 451308

Ion	Ratio	Lower	Upper
149	100		
91	71.4	57.2	85.8
206	19.5	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: 49.154 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

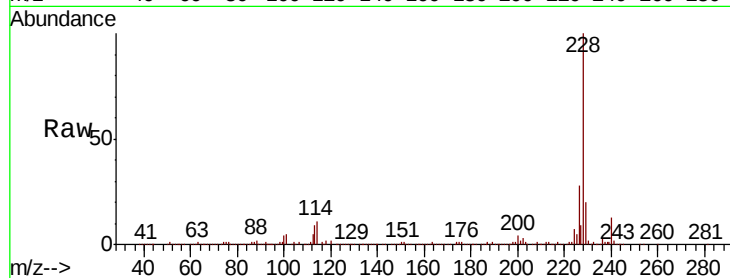
Tot Ion:228 Resp: 832901

Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

229 19.9 15.6 23.4

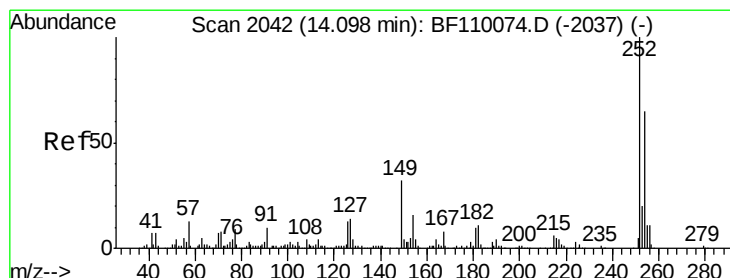
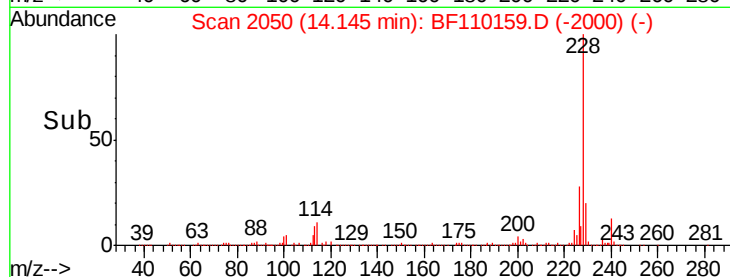
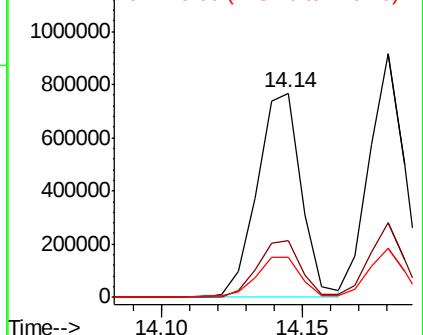


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.808 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

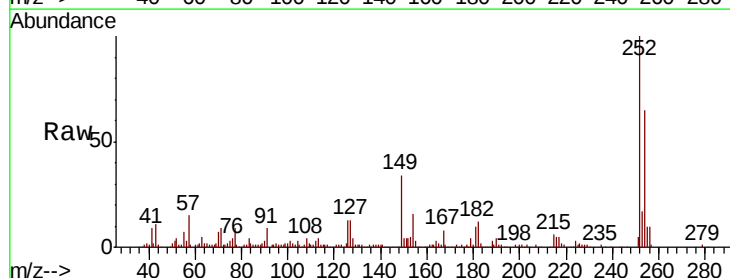
Tgt Ion:252 Resp: 169981

Ion Ratio Lower Upper

252 100

254 64.6 51.3 76.9

126 13.2 9.4 14.2

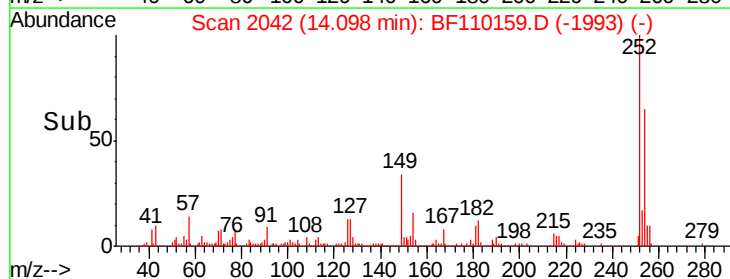
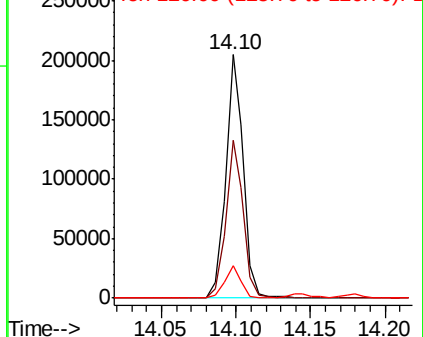


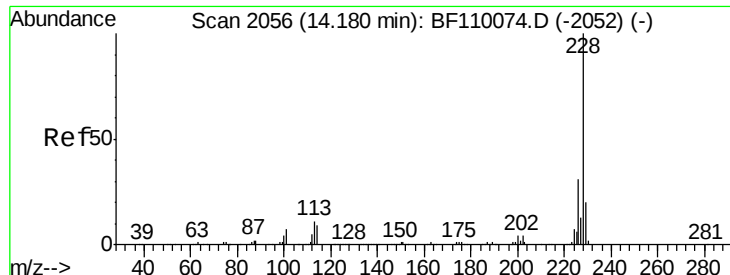
Abundance

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

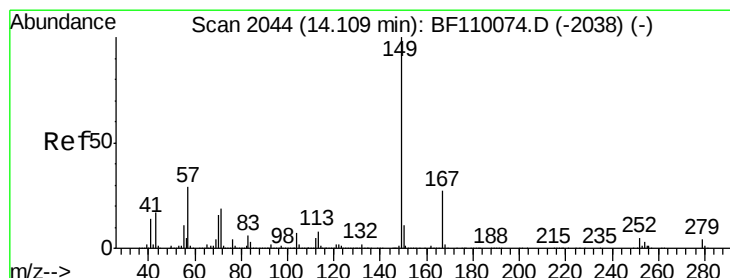
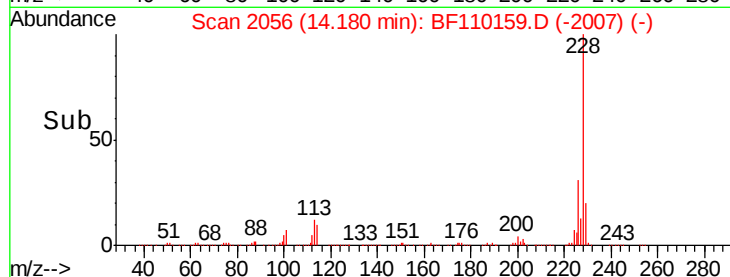
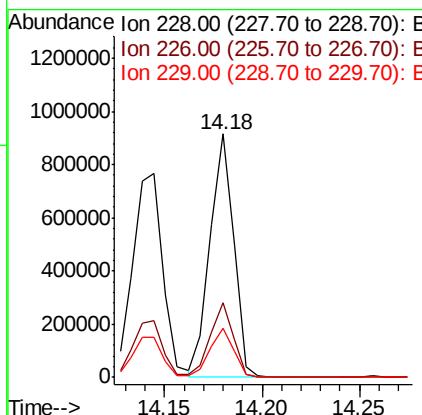
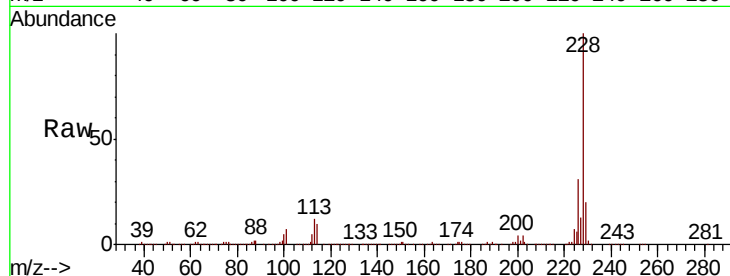




#83
 Chrysene
 Concen: 47.970 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

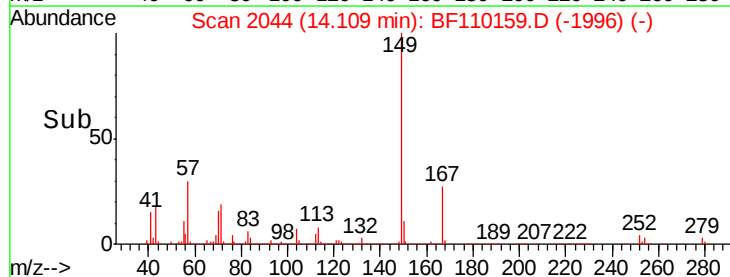
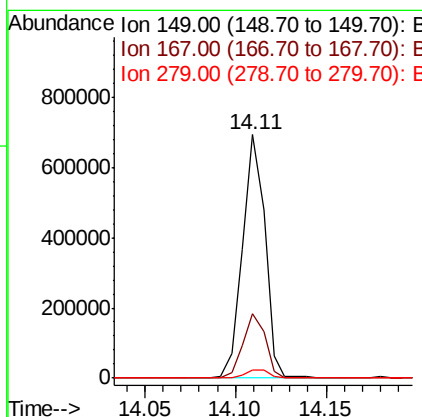
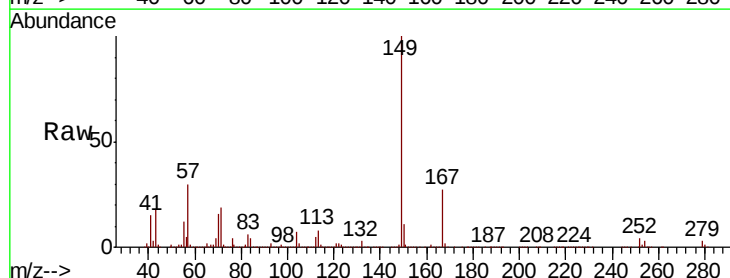
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	19.9	15.9	23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.697 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	19.8	29.8
279	3.4	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 48.799 ng

RT: 14.73 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

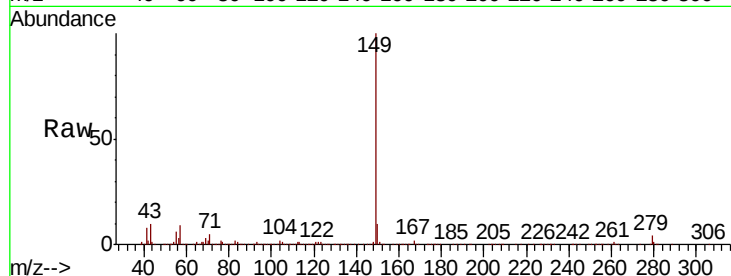
Tot Ion:149 Resp: 912005

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

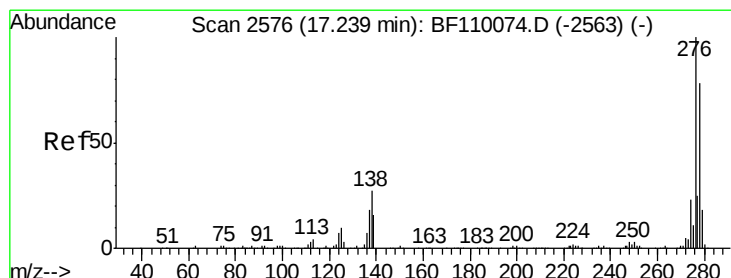
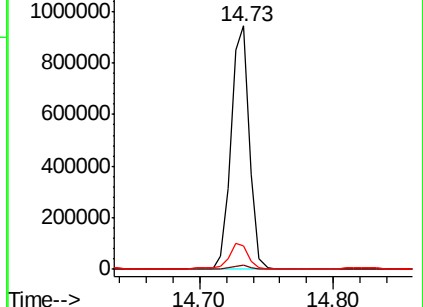
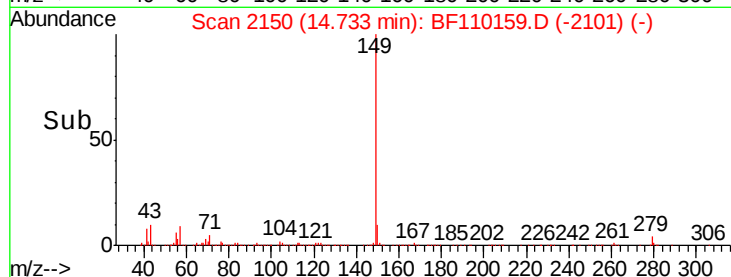
43 10.7 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.280 ng

RT: 17.25 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

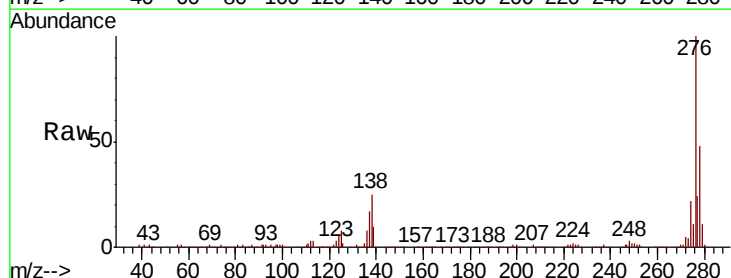
Tgt Ion:276 Resp: 858243

Ion Ratio Lower Upper

276 100

138 27.3 18.5 27.7

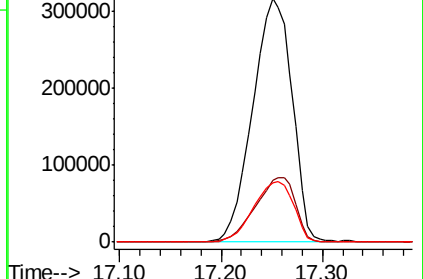
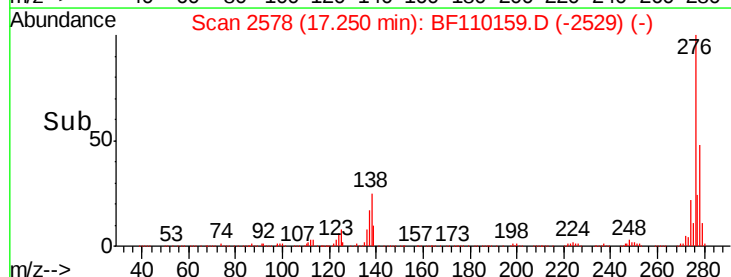
277 25.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

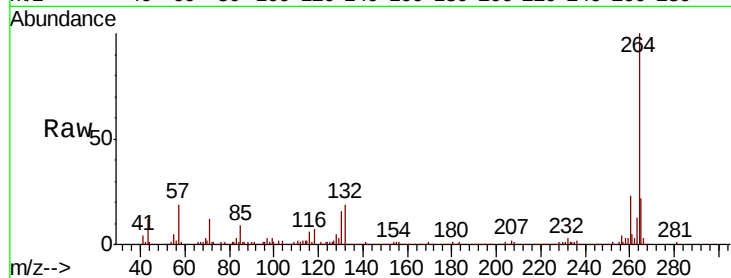
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 296887

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	16.7	25.1

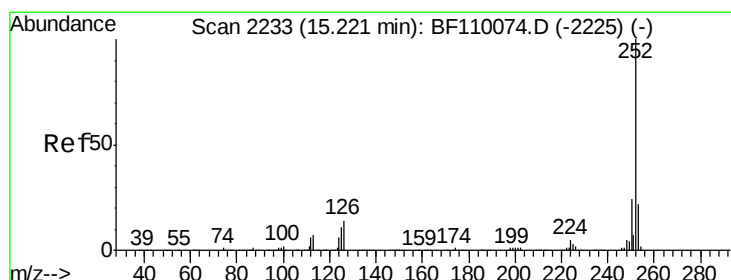
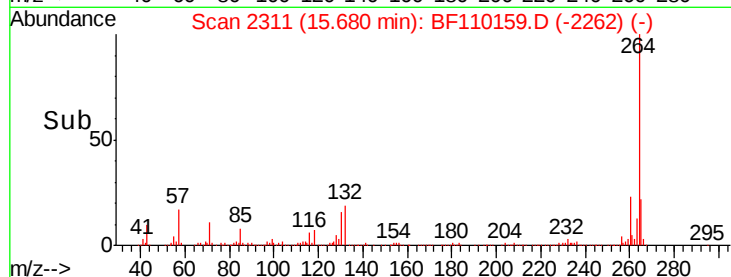
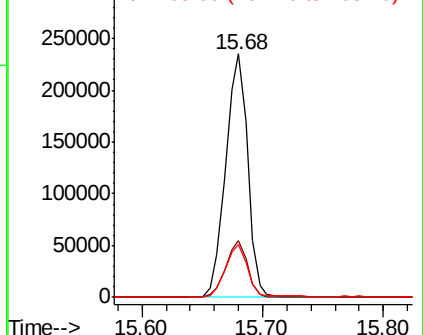


Abundance

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: 47.668 ng

RT: 15.23 min Scan# 2234

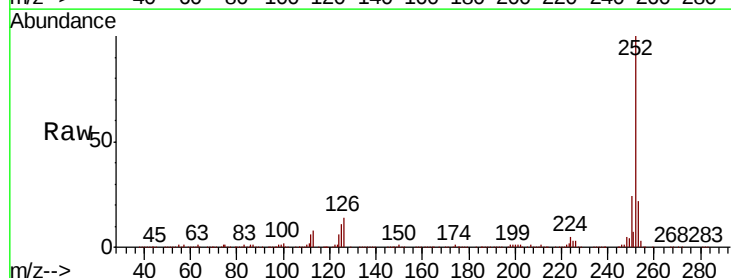
Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Tgt Ion:252 Resp: 817219

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.6	8.2	12.4

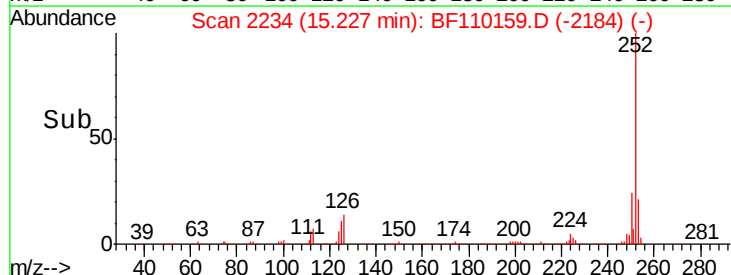
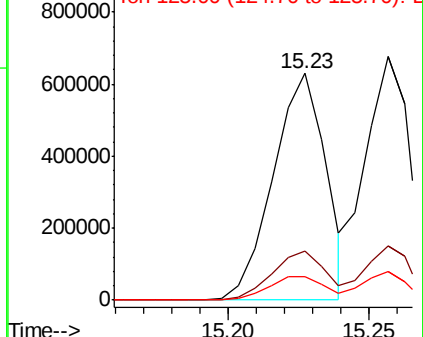


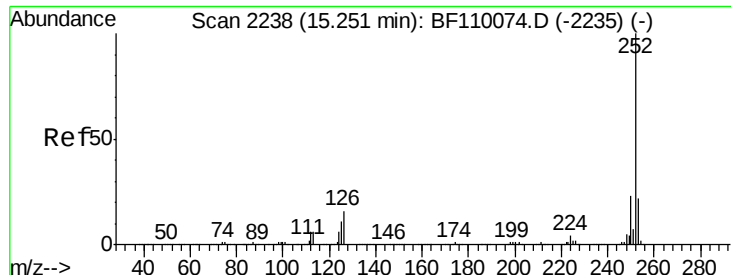
Abundance

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

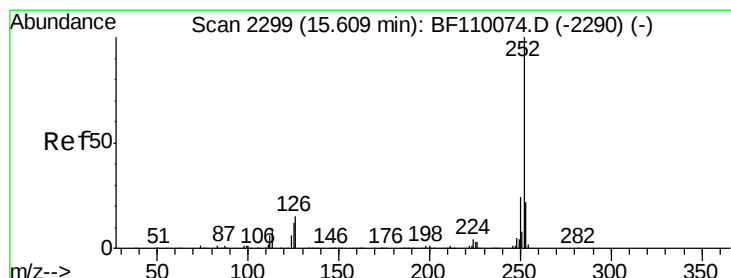
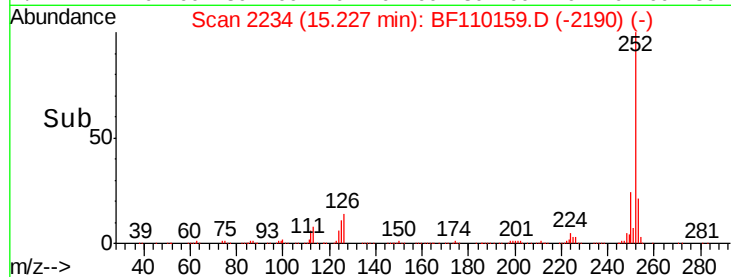
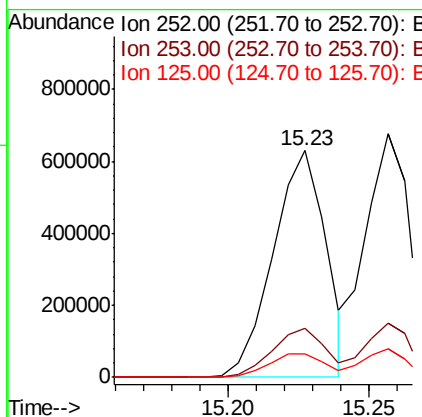
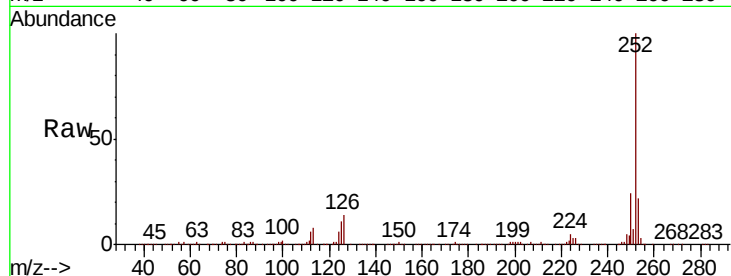




#89
Benzo(k)fluoranthene
Concen: 48.487 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

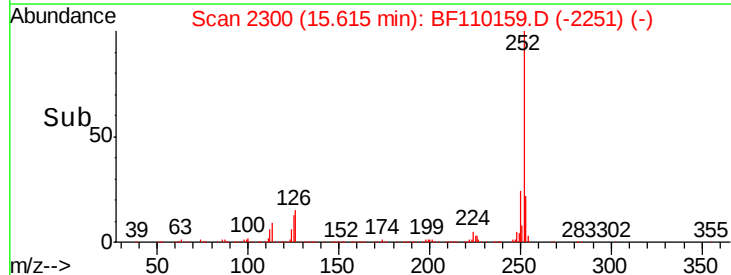
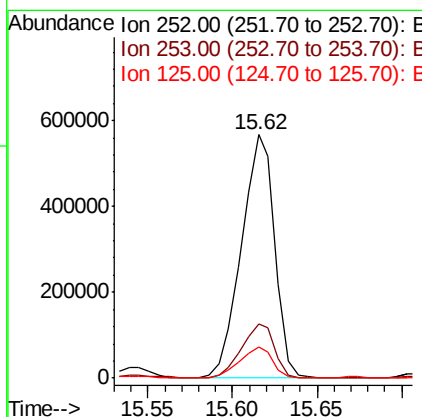
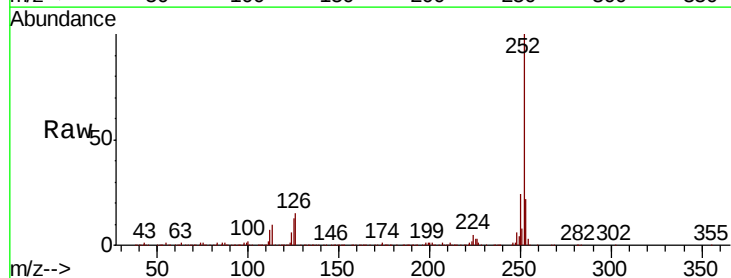
Instrument :
BNA_F
ClientSampleId :

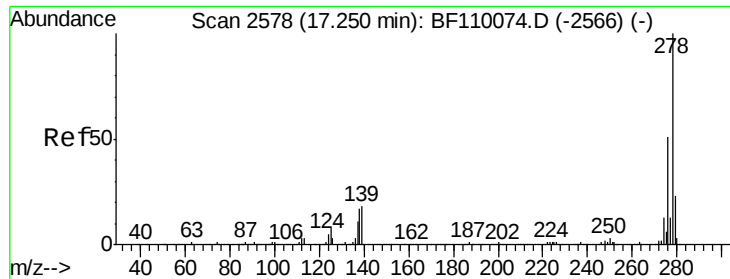
Tot Ion:252 Resp: 817219
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 49.110 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:252 Resp: 774726
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.8 9.0 13.6

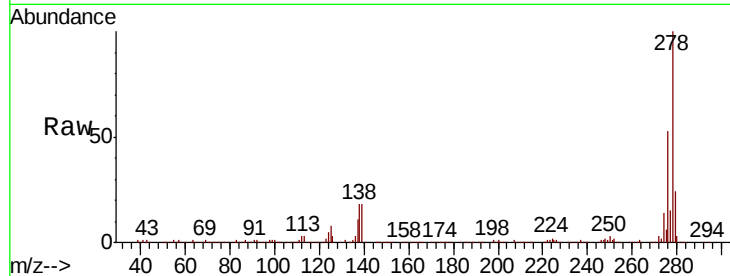




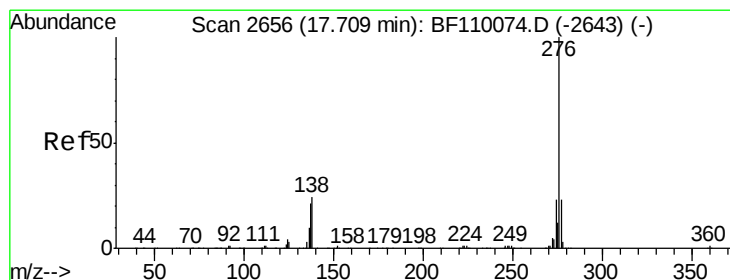
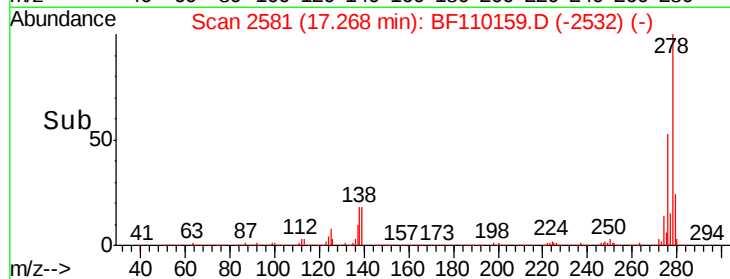
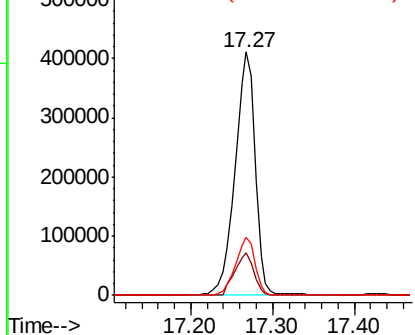
#91
Dibenzo(a,h)anthracene
Concen: 51.775 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.7	19.1
279	23.7	19.0	28.4

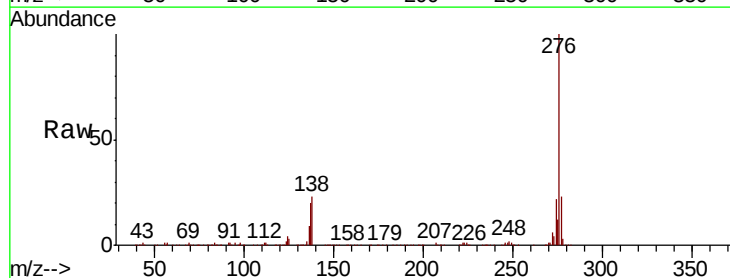


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.896 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	23.2	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

