

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102974.D
 Acq On : 13 Feb 2018 20:55
 Operator : SJ/JU
 Sample : PB106515BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:11:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160916	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	630999	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	244950	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	370445	20.00	ng	0.00
75) Chrysene-d12	14.04	240	269519	20.00	ng	0.00
86) Perylene-d12	15.52	264	200849	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1207767	113.98	ng	0.02
7) Phenol-d6	6.51	99	1450697	113.71	ng	0.01
23) Nitrobenzene-d5	7.45	82	913926	100.47	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	230620	116.97	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1365614	92.51	ng	0.00
78) Terphenyl-d14	12.99	244	1075301	94.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	147422	28.17	ng	88
4) n-Nitrosodimethylamine	3.40	42	208827	33.75	ng	94
6) Aniline	6.54	93	65153	3.46	ng	93
8) 2-Chlorophenol	6.66	128	357322	32.76	ng	94
9) Benzaldehyde	6.43	77	99155	10.47	ng	98
10) Phenol	6.52	94	445110	32.55	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	362993	31.91	ng	89
12) 1,3-Dichlorobenzene	6.82	146	383870	30.39	ng	97
13) 1,4-Dichlorobenzene	6.89	146	387896	30.83	ng	99
14) 1,2-Dichlorobenzene	7.05	146	352975	30.12	ng	97
15) Benzyl Alcohol	7.02	79	315522	32.17	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	643308	29.77	ng	99
17) 2-Methylphenol	7.13	107	308601	30.67	ng	97
18) Hexachloroethane	7.39	117	103436	23.97	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	247173	29.38	ng	95
20) 3+4-Methylphenols	7.28	107	364061	29.34	ng	# 75
22) Acetophenone	7.29	105	485522	31.44	ng	# 93
24) Nitrobenzene	7.46	77	388977	36.34	ng	97
25) Isophorone	7.70	82	707695	33.79	ng	100
26) 2-Nitrophenol	7.77	139	106714	28.56	ng	97
27) 2,4-Dimethylphenol	7.81	122	310221	35.06	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	459688	37.05	ng	98
29) 2,4-Dichlorophenol	8.02	162	271665	33.77	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	283448	31.15	ng	98
31) Naphthalene	8.18	128	981299	31.83	ng	99
32) Benzoic acid	7.81	122	310221	49.16	ng	# 14
33) 4-Chloroaniline	8.23	127	173411	13.06	ng	97
34) Hexachlorobutadiene	8.29	225	146536	31.42	ng	98
35) Caprolactam	8.61	113	13249	4.74	ng	# 85
36) 4-Chloro-3-methylphenol	8.70	107	286082	31.65	ng	100
37) 2-Methylnaphthalene	8.87	142	619546	30.69	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	237456	35.60	ng	99
40) Hexachlorocyclopentadiene	9.02	237	20296	6.40	ng	98
42) 2,4,6-Trichlorophenol	9.15	196	151880	34.67	ng	98

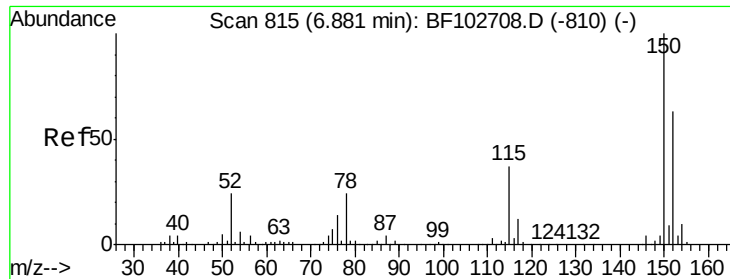
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102974.D
 Acq On : 13 Feb 2018 20:55
 Operator : SJ/JU
 Sample : PB106515BS
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Quant Time: Feb 14 00:11:42 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	157944	31.99	nq	96
45) 1,1'-Biphenyl	9.33	154	704703	34.16	nq	98
46) 2-Chloronaphthalene	9.36	162	542357	33.39	nq	98
47) 2-Nitroaniline	9.46	65	209874	42.32	nq	91
48) Acenaphthylene	9.78	152	791643	31.38	nq	99
49) Dimethylphthalate	9.63	163	711975	37.28	nq	100
50) 2,6-Dinitrotoluene	9.70	165	114908	31.62	nq	96
51) Acenaphthene	9.95	154	459824	30.48	nq	99
52) 3-Nitroaniline	9.87	138	165868	37.10	nq	96
53) 2,4-Dinitrophenol	9.97	184	2524	11.75	nq	# 30
54) Dibenzofuran	10.12	168	691032	32.50	nq	98
55) 4-Nitrophenol	10.03	139	185132	51.88	nq	94
56) 2,4-Dinitrotoluene	10.10	165	132399	28.50	nq	94
57) Fluorene	10.46	166	501276	32.40	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	109851	32.10	nq	97
59) Diethylphthalate	10.33	149	648717	34.40	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	237136	34.65	nq	99
61) 4-Nitroaniline	10.48	138	170783	40.13	nq	93
62) Azobenzene	10.62	77	592928	31.47	nq	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	3585	10.93	nq	85
65) n-Nitrosodiphenylamine	10.57	169	448646	34.34	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	137187	35.01	nq	89
67) Hexachlorobenzene	11.01	284	140563	32.52	nq	98
68) Atrazine	11.09	200	107871	27.98	nq	97
69) Pentachlorophenol	11.20	266	122879	48.42	nq	99
70) Phenanthrene	11.43	178	677528	32.84	nq	99
71) Anthracene	11.48	178	701122	33.41	nq	99
72) Carbazole	11.63	167	660611	32.13	nq	99
73) Di-n-butylphthalate	11.96	149	911737	36.51	nq	99
74) Fluoranthene	12.62	202	690574	33.27	nq	99
77) Pyrene	12.84	202	707454	33.47	nq	99
79) Butylbenzylphthalate	13.46	149	380739	37.88	nq	95
80) Benzo(a)anthracene	14.03	228	570180	33.64	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	147407	23.45	nq	99
82) Chrysene	14.07	228	539830	31.59	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	548415	42.36	nq	# 99
84) Di-n-octyl phthalate	14.62	149	874044	44.96	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	396487	27.98	nq	98
87) Benzo(b)fluoranthene	15.09	252	442203	33.96	nq	97
88) Benzo(k)fluoranthene	15.12	252	422040	33.92	nq	100
89) Benzo(a)pyrene	15.46	252	394649	33.67	nq	98
90) Dibenzo(a,h)anthracene	17.03	278	336180	35.34	nq	99
91) Benzo(g,h,i)perylene	17.47	276	331172	35.56	nq	99

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

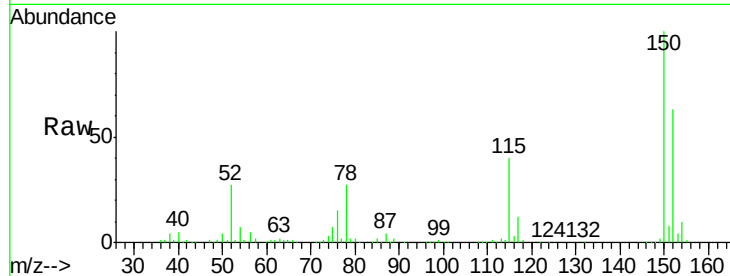


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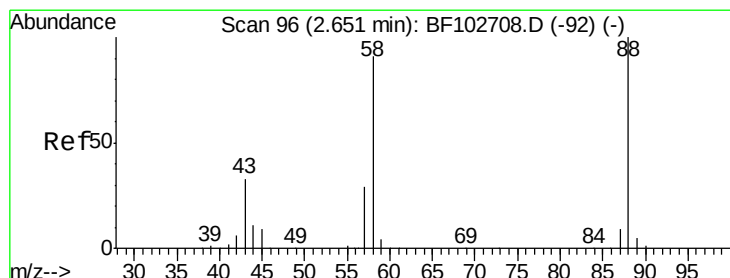
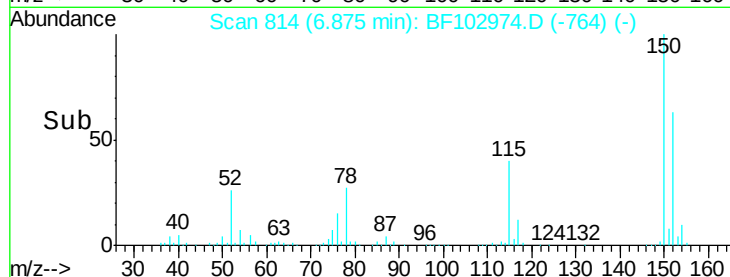
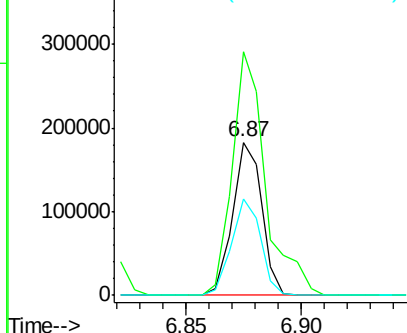
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160916
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 63.2 50.1 75.1



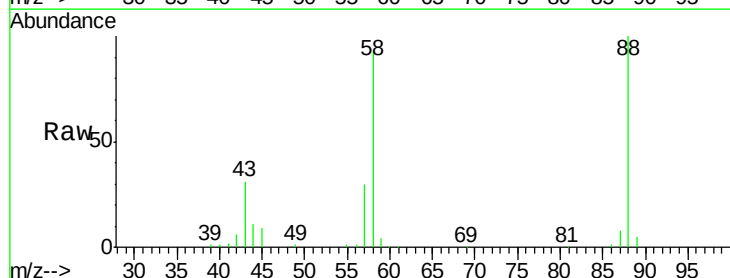
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



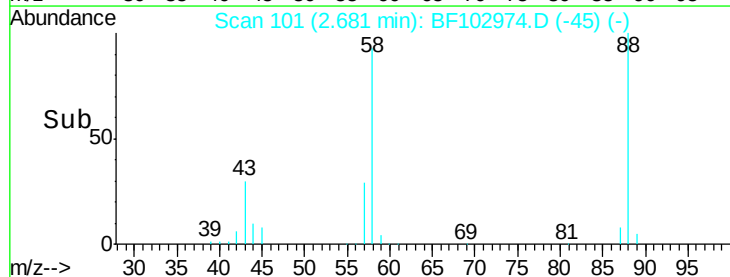
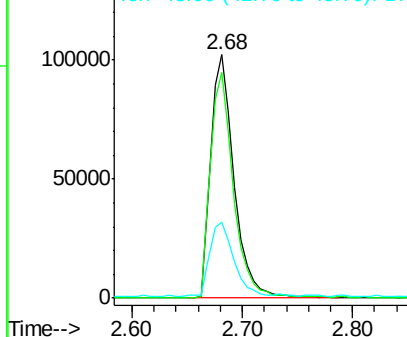
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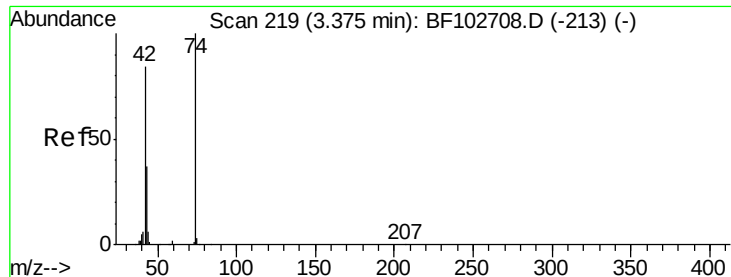
1,4-Dioxane
Concen: 28.17 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.03 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion: 88 Resp: 147422
Ion Ratio Lower Upper
88 100
58 92.0 62.6 93.8
43 32.1 24.6 37.0



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



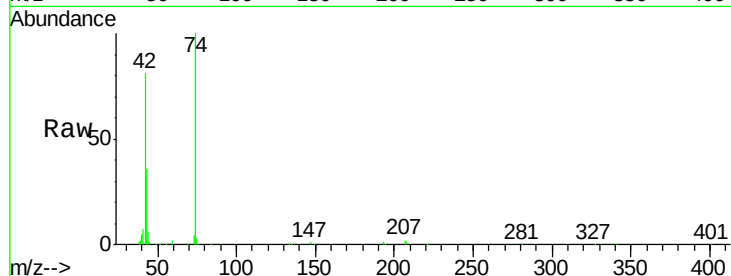


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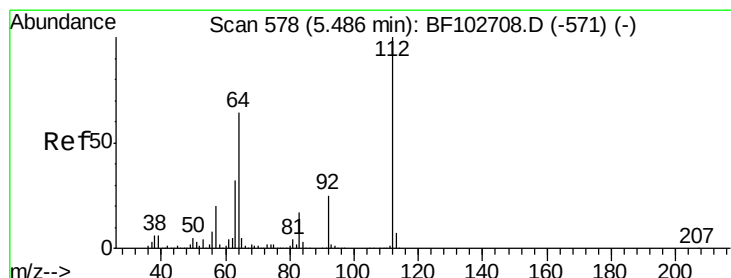
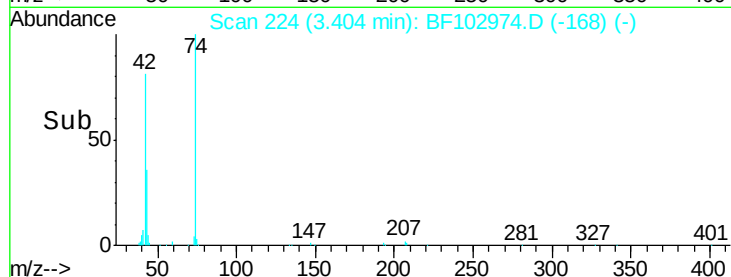
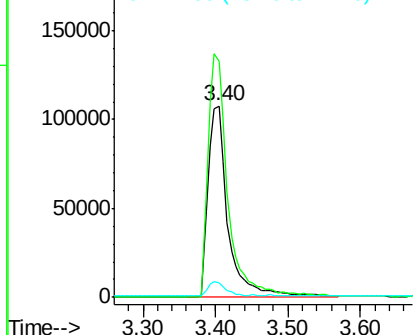
n-Nitrosodimethylamine
 Concen: 33.75 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.03 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	123.3	104.9	157.3
44	7.6	6.9	10.3



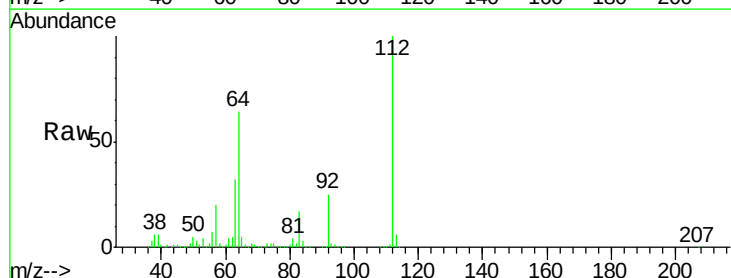
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



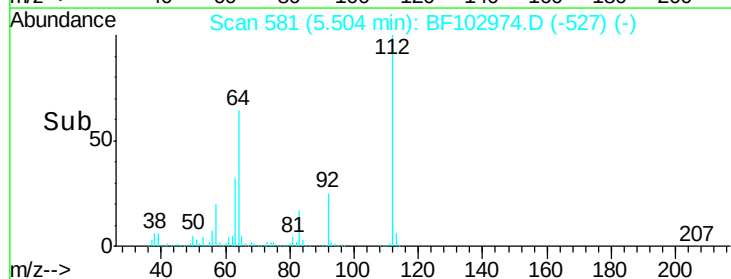
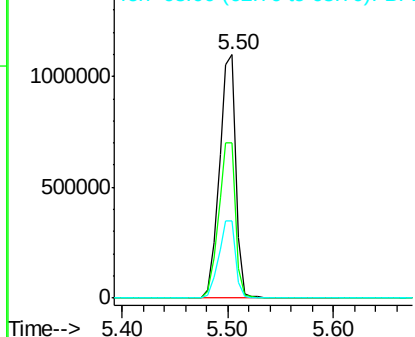
#5

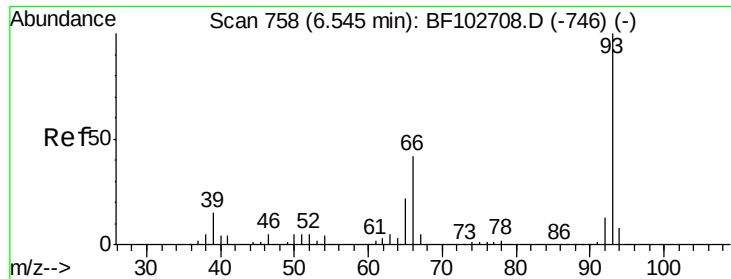
2-Fluorophenol
 Concen: 113.98 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.9	71.9
63	31.6	23.7	35.5



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





#6

Aniline

Concen: 3.46 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

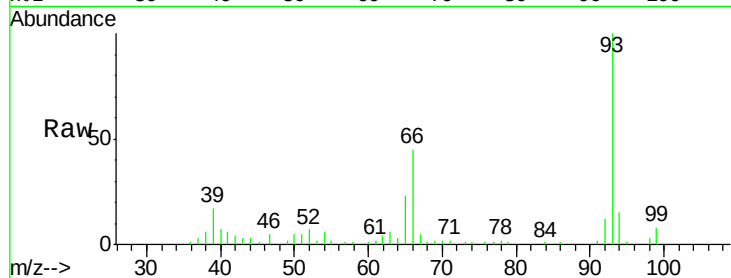
Tot Ion: 93 Resp: 65153

Ion Ratio Lower Upper

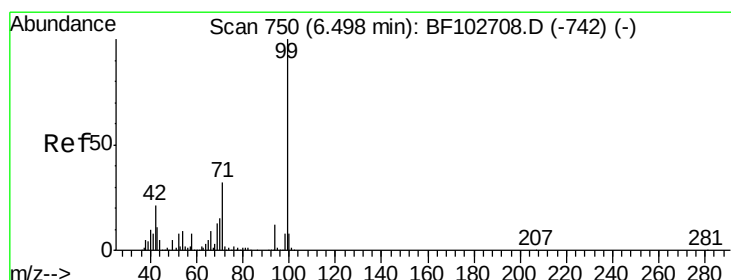
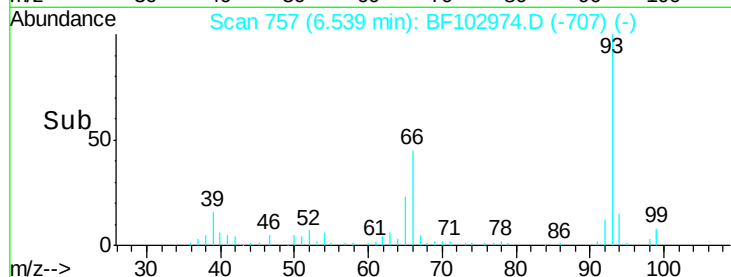
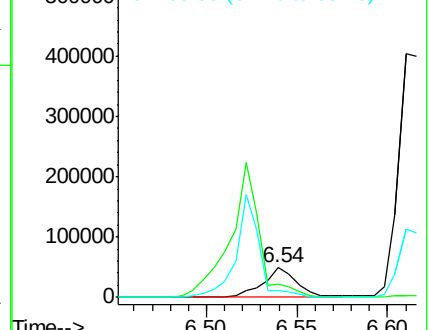
93 100

66 44.6 32.2 48.2

65 23.3 16.4 24.6



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: 113.71 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

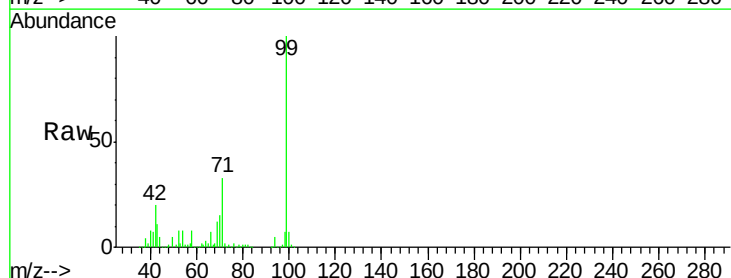
Tgt Ion: 99 Resp: 1450697

Ion Ratio Lower Upper

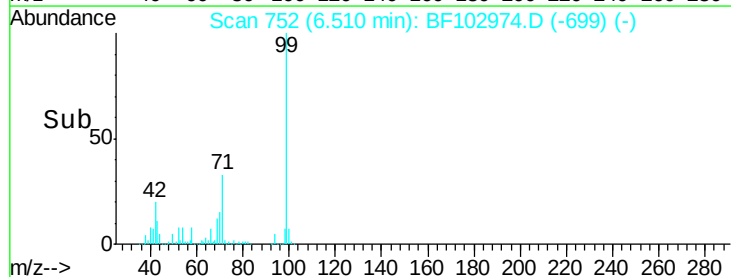
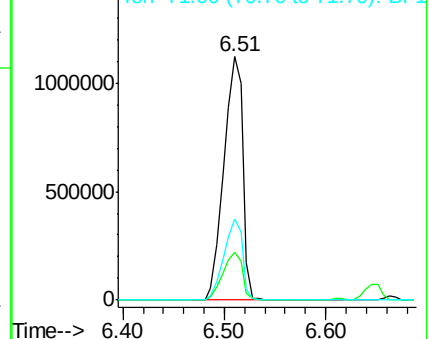
99 100

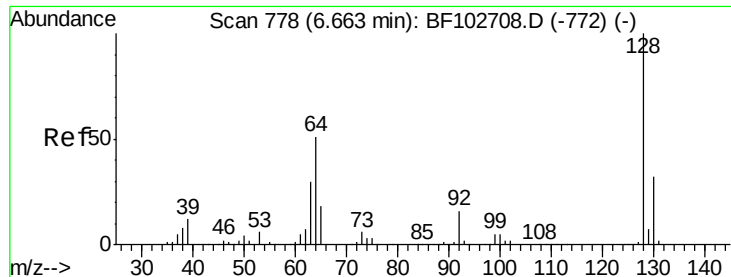
42 19.7 14.5 21.7

71 33.3 25.4 38.0



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: 32.76 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

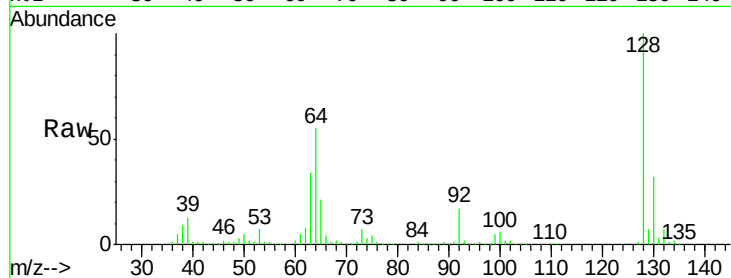
Tot Ion:128 Resp: 357322

Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

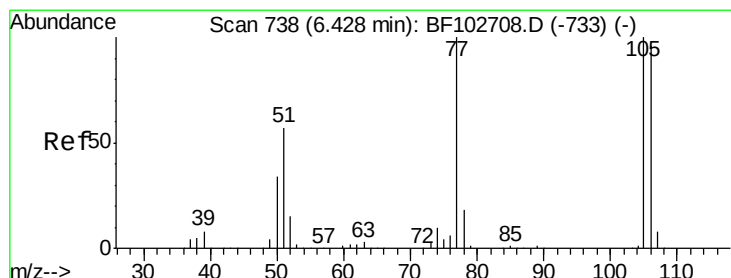
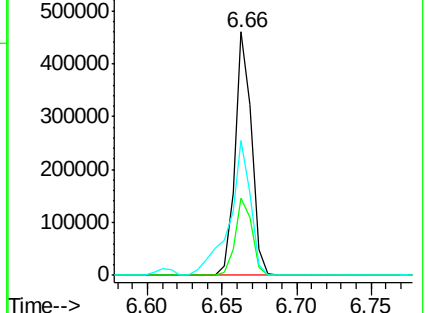
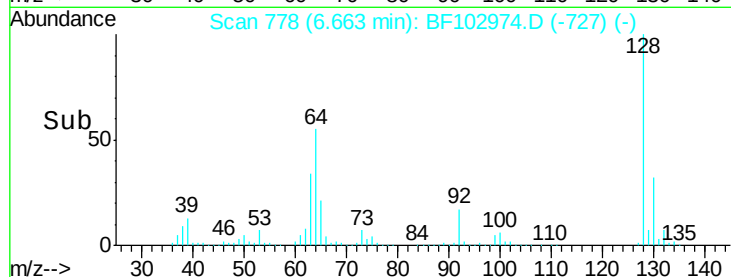
64 55.4 29.4 69.4



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: 10.47 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

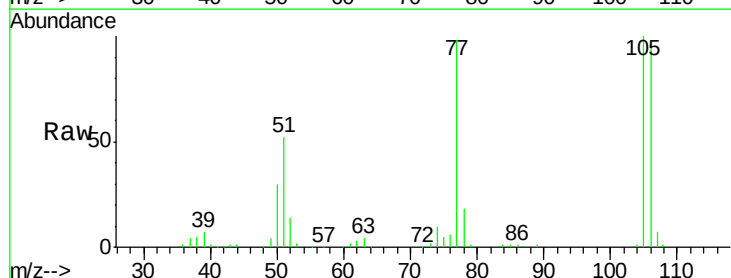
Tgt Ion: 77 Resp: 99155

Ion Ratio Lower Upper

77 100

105 101.9 81.1 121.1

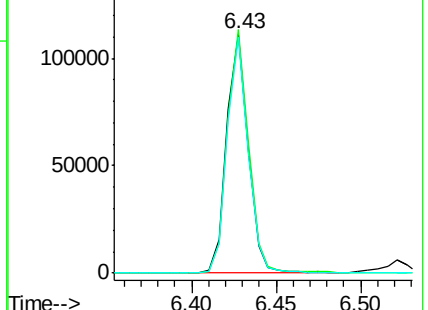
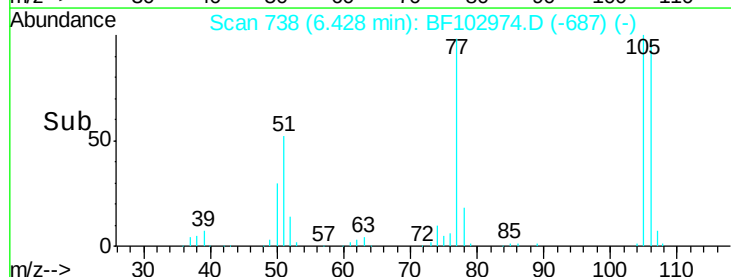
106 98.5 74.5 114.5

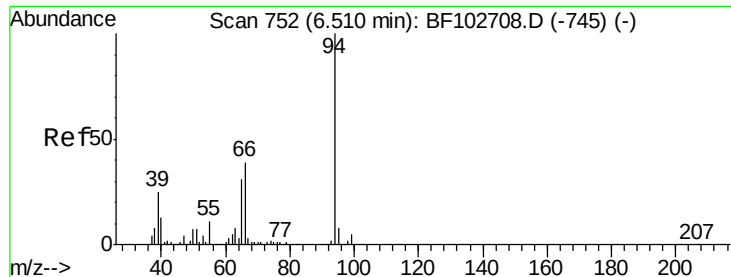


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

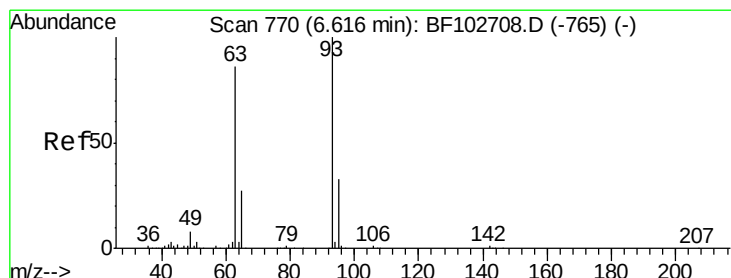
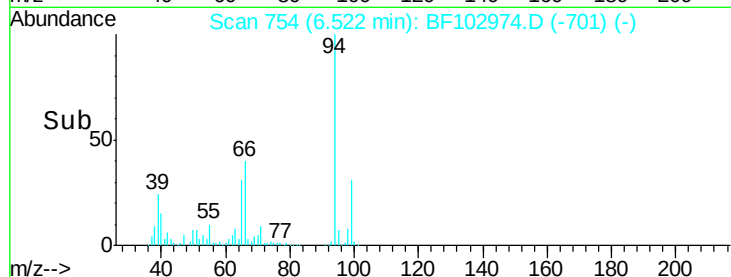
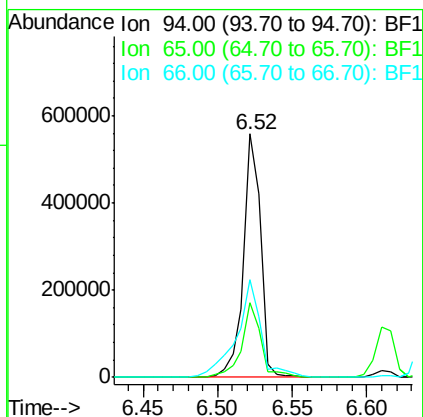
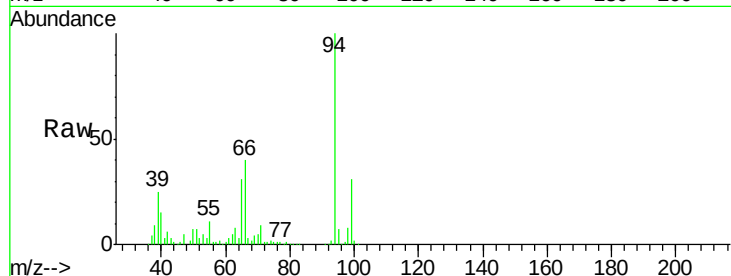




#10
Phenol
Concen: 32.55 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

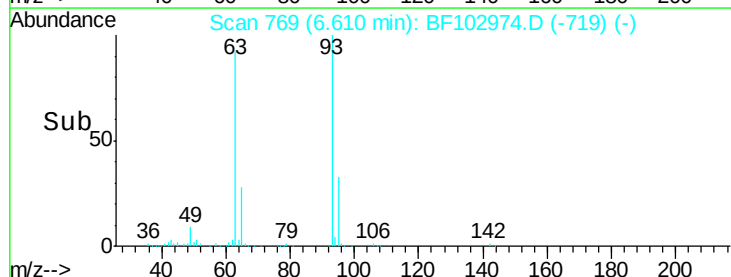
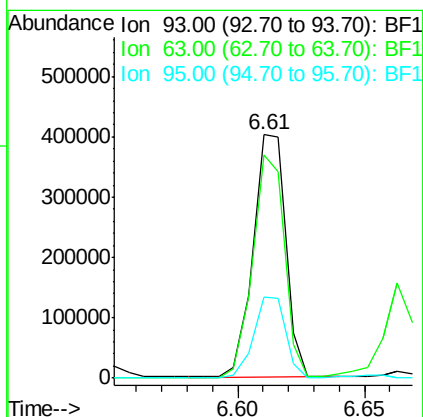
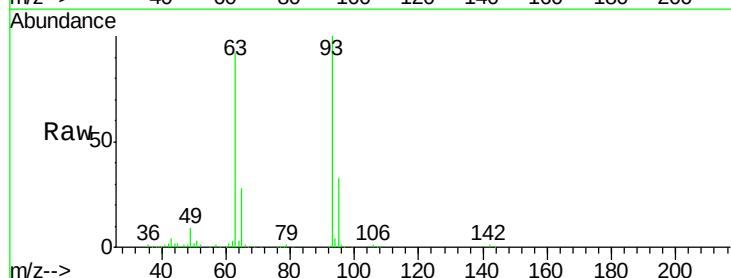
Instrument :
BNA_F
ClientSampleId :

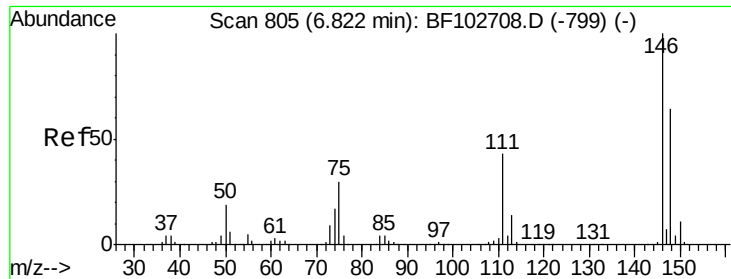
Tot Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	40.1	16.2	56.2



#11
bis(2-Chloroethyl)ether
Concen: 31.91 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
63	91.8	58.6	98.6
95	33.1	11.8	51.8

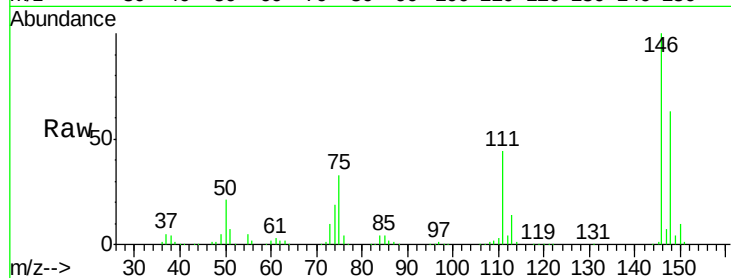




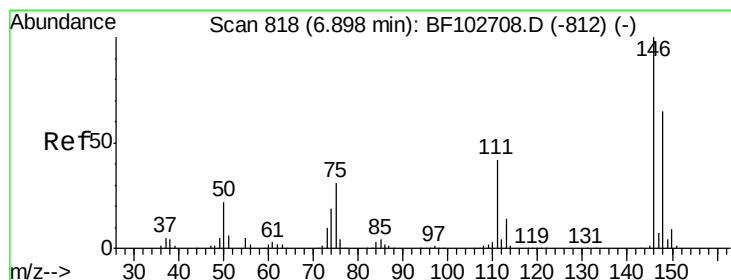
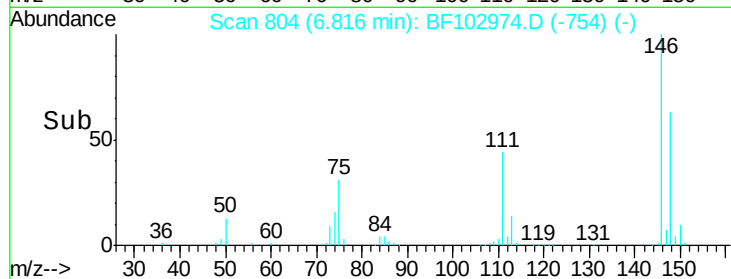
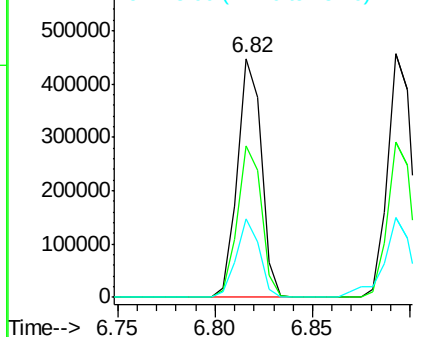
#12
 1,3-Dichlorobenzene
 Concen: 30.39 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 383870
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.8
 75 32.7 24.2 36.4

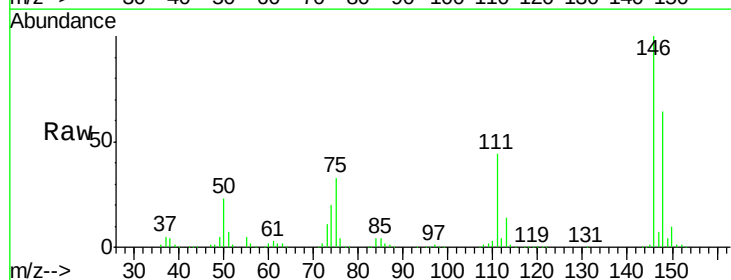


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

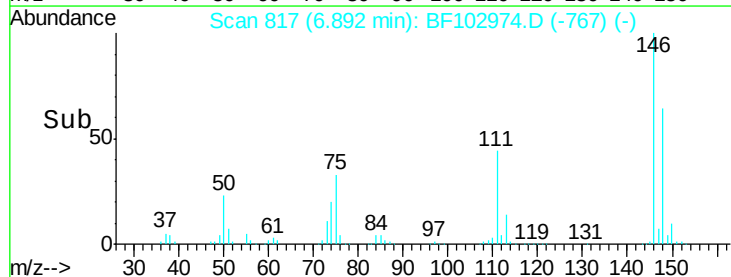
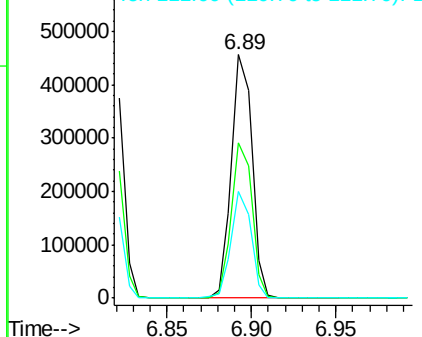


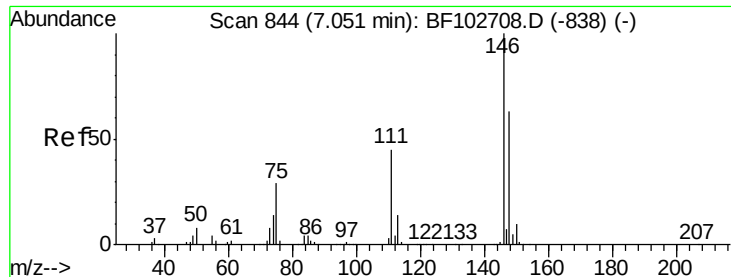
#13
 1,4-Dichlorobenzene
 Concen: 30.83 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion:146 Resp: 387896
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 43.7 34.2 51.2



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

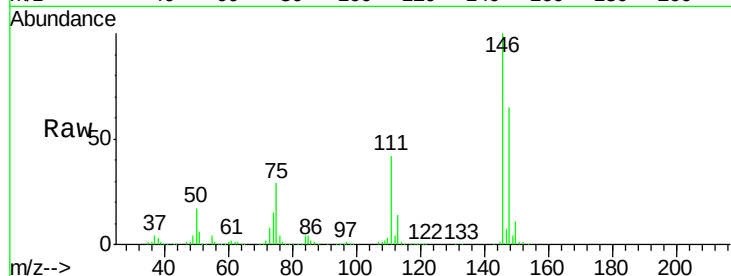




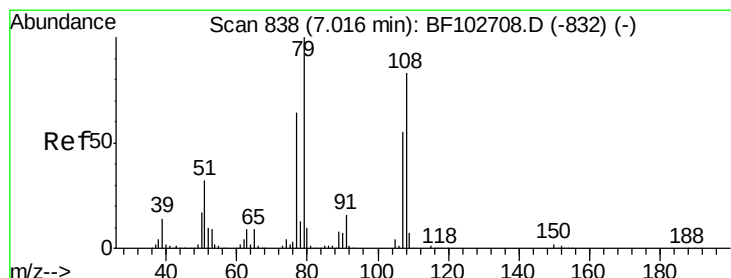
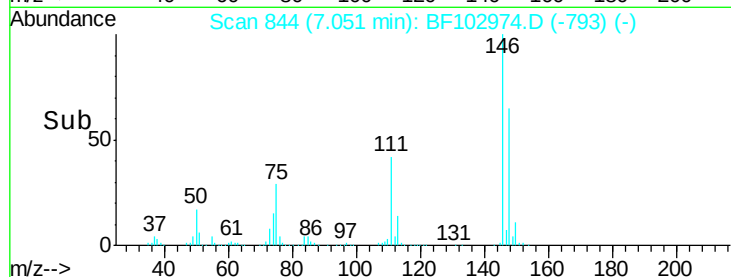
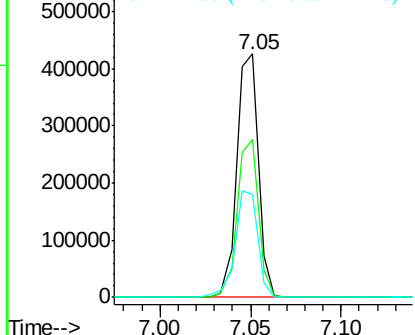
#14
1,2-Dichlorobenzene
Concen: 30.12 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 352975
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
111 42.1 36.0 54.0

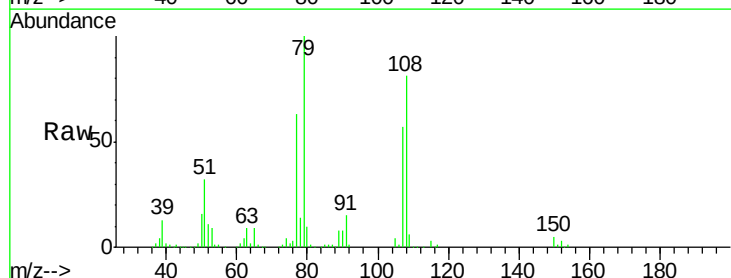


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

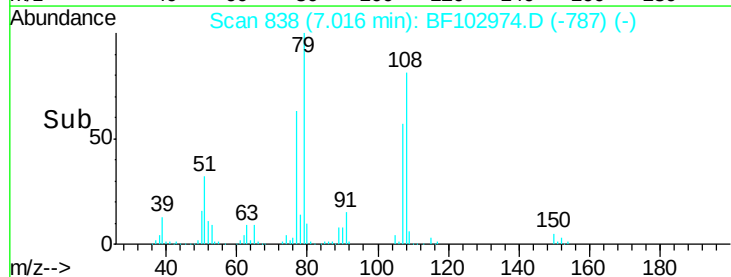
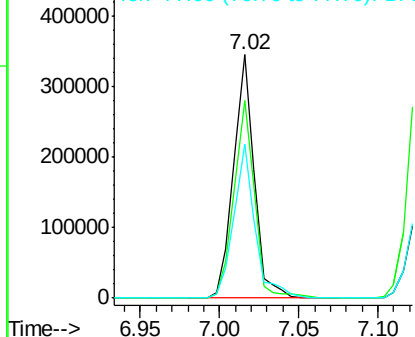


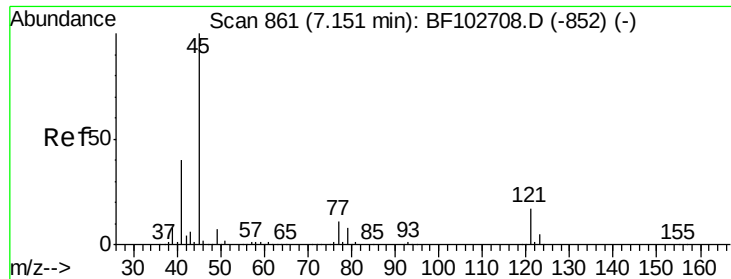
#15
Benzyl Alcohol
Concen: 32.17 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion: 79 Resp: 315522
Ion Ratio Lower Upper
79 100
108 81.0 65.1 97.7
77 63.0 50.6 75.8



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

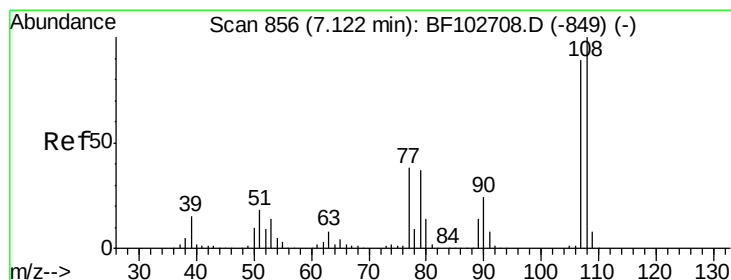
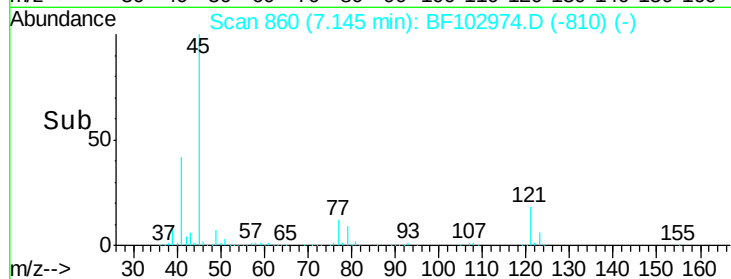
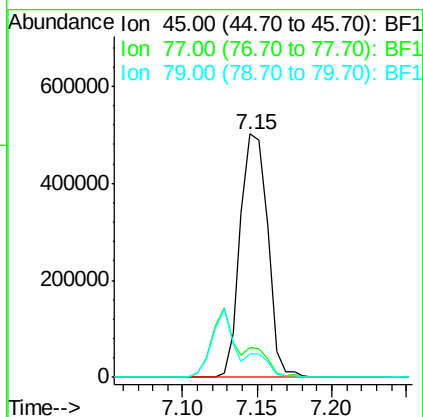
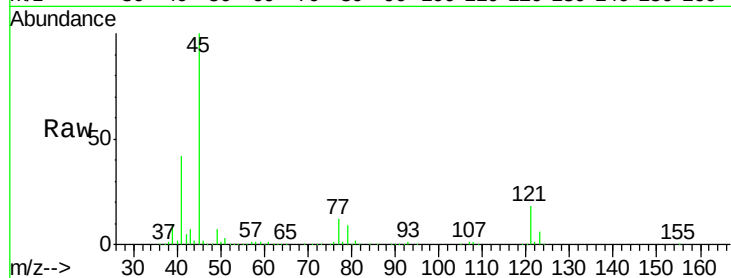




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 29.77 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

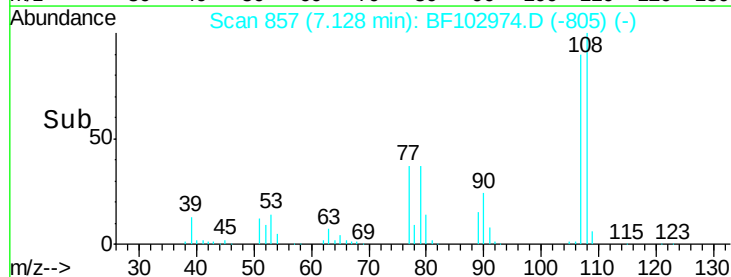
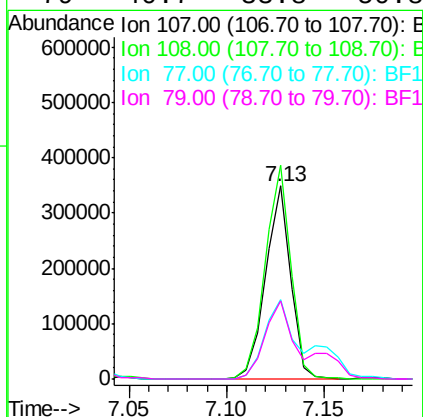
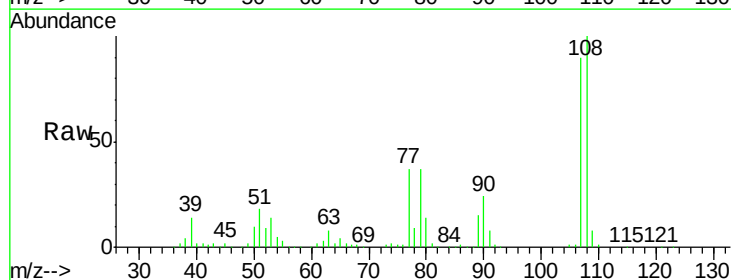
Instrument :
BNA_F
ClientSampleId :

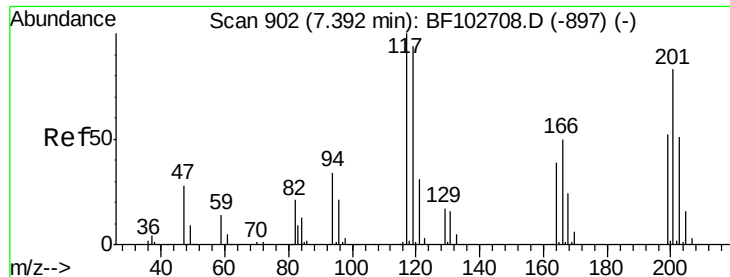
Tot Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.9
79	9.4	0.0	29.6



#17
2-Methylphenol
Concen: 30.67 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.7	137.5
77	41.0	33.8	50.8
79	40.7	33.8	50.8

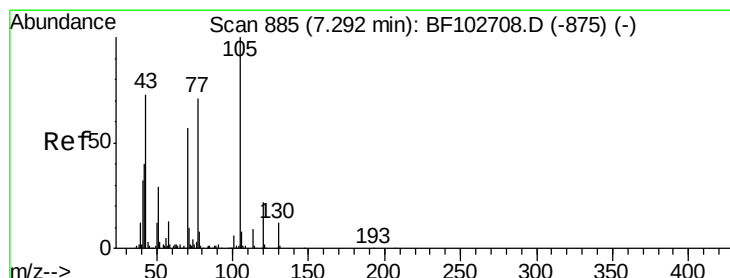
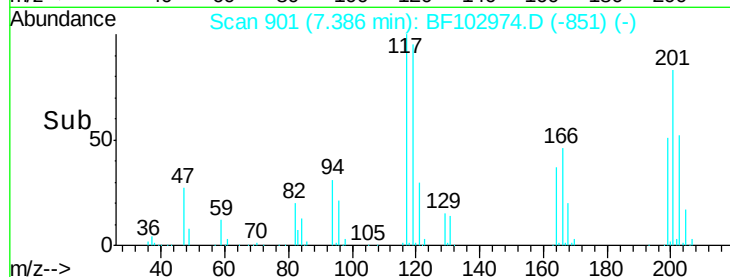
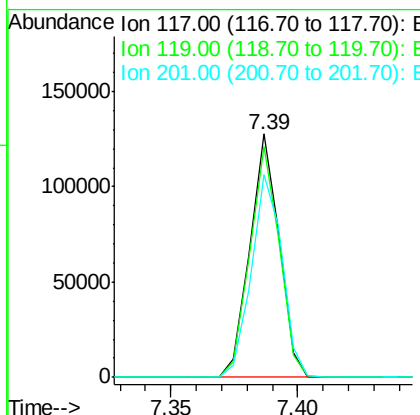
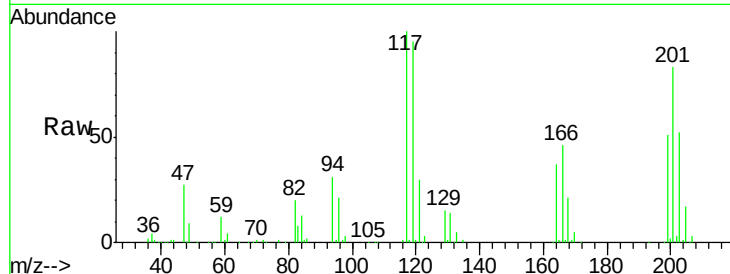




#18
Hexachloroethane
Concen: 23.97 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

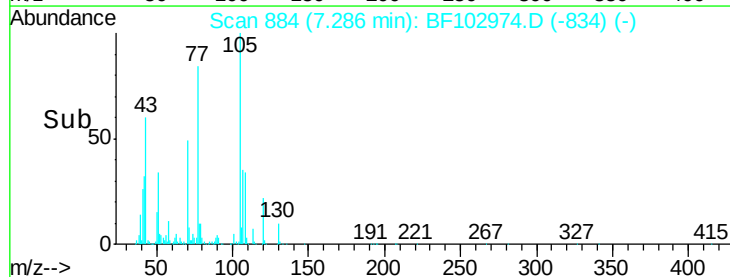
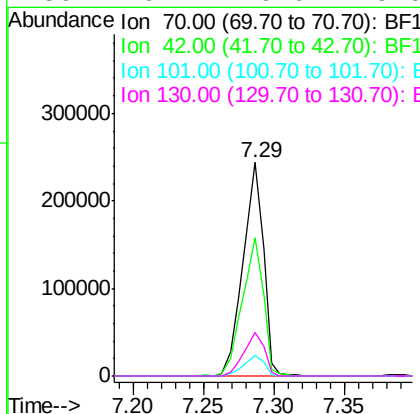
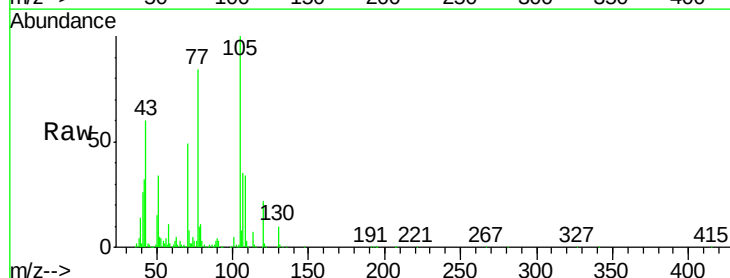
Instrument :
BNA_F
ClientSampleId :

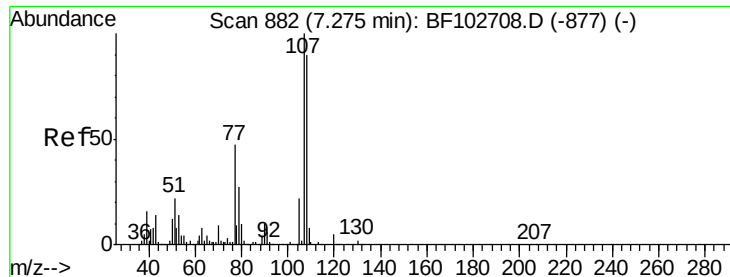
Tot Ion:117 Resp: 103436
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 83.4 75.7 113.5



#19
n-Nitroso-di-n-propylamine
Concen: 29.38 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion: 70 Resp: 247173
Ion Ratio Lower Upper
70 100
42 64.8 47.5 71.3
101 9.8 7.4 11.2
130 20.4 16.6 25.0

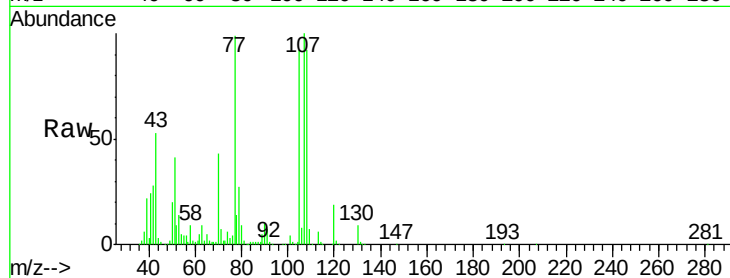




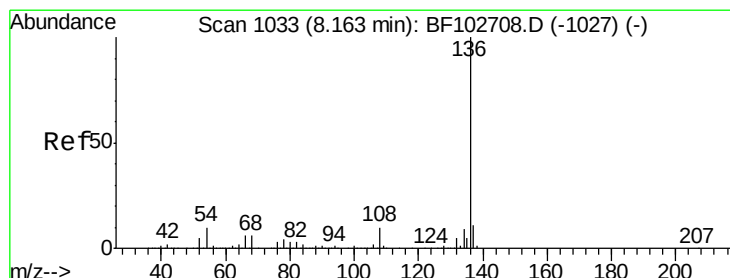
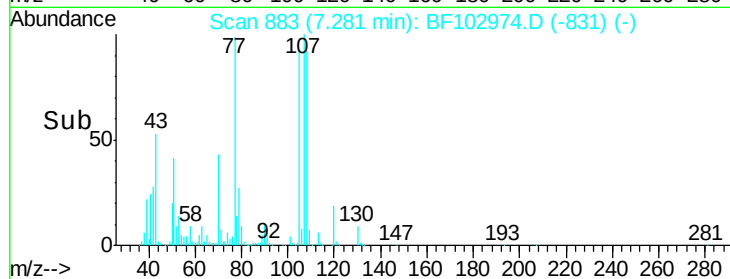
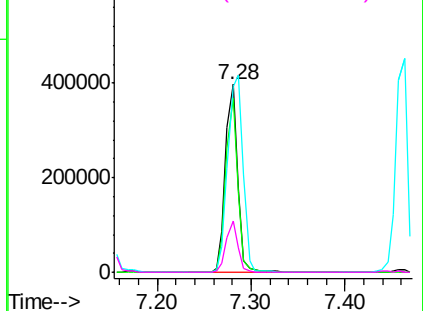
#20
3+4-Methylphenols
Concen: 29.34 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	364061
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	98.6	26.7	66.7#
79	27.4	6.3	46.3

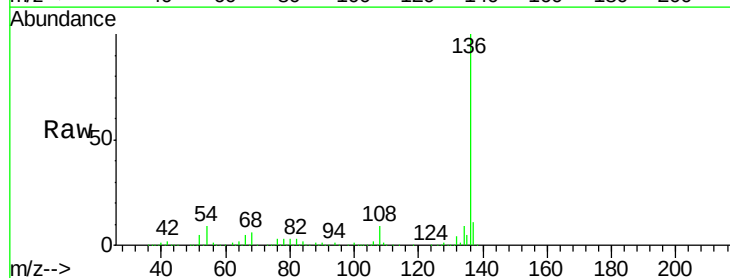


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

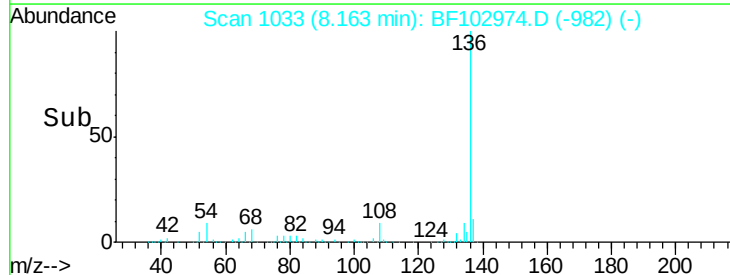
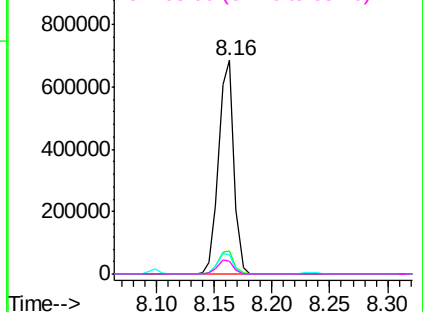


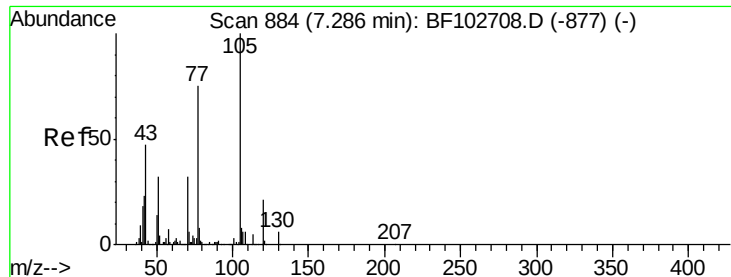
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion:	136	Resp:	630999
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.0	6.6	9.8
68	6.1	5.0	7.4



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: 31.44 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 485522

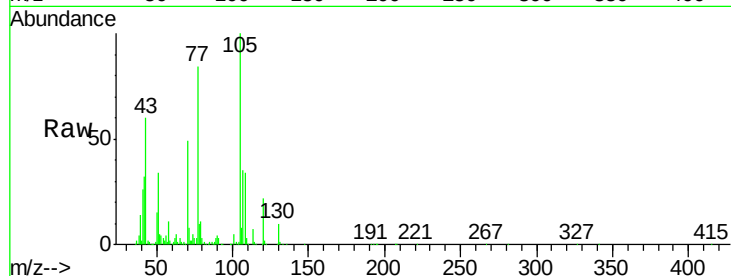
Ion Ratio Lower Upper

105 100

71 8.2 4.4 6.6#

51 34.1 22.3 33.5#

120 21.6 16.9 25.3

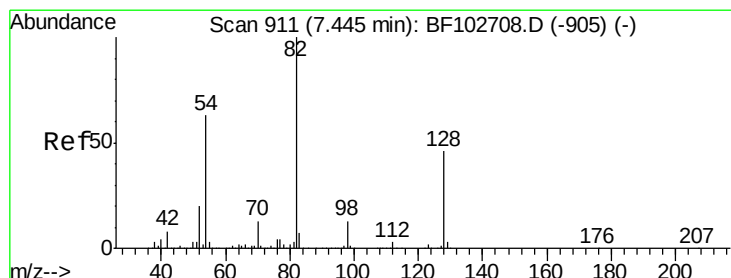
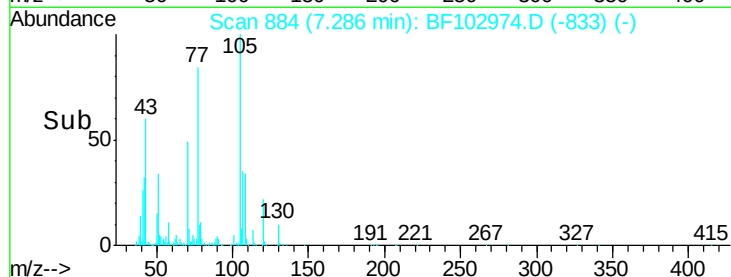
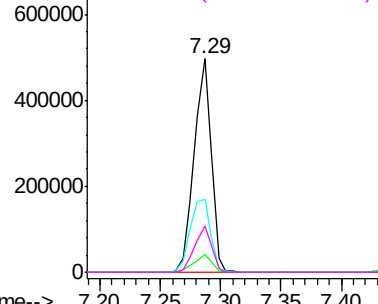


Abundance Ion 105.00 (104.70 to 105.70): E

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: 100.47 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

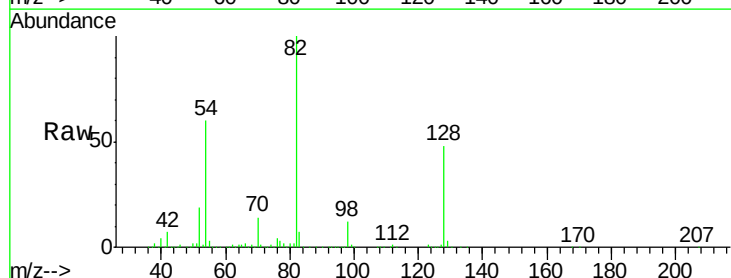
Tgt Ion: 82 Resp: 913926

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

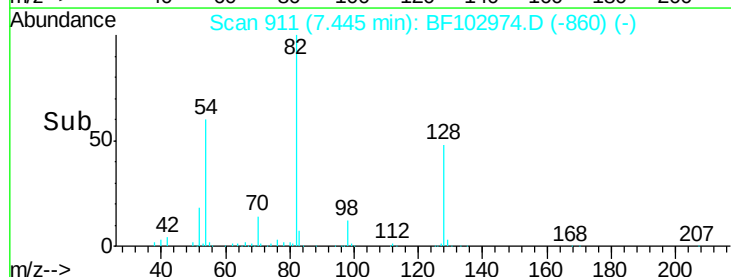
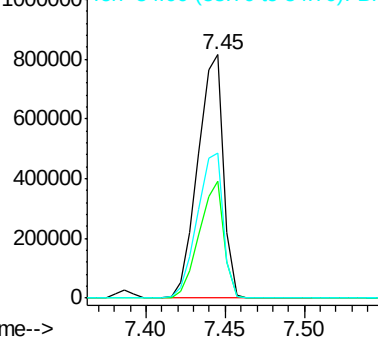
54 59.5 41.4 62.2

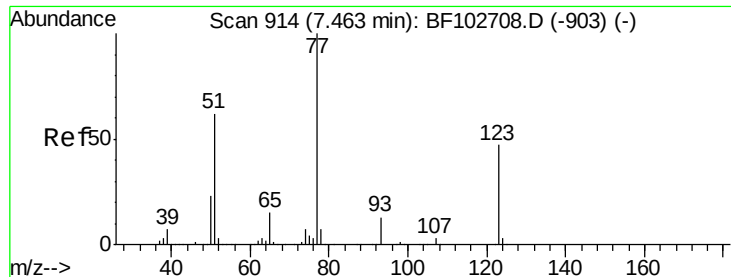


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 36.34 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

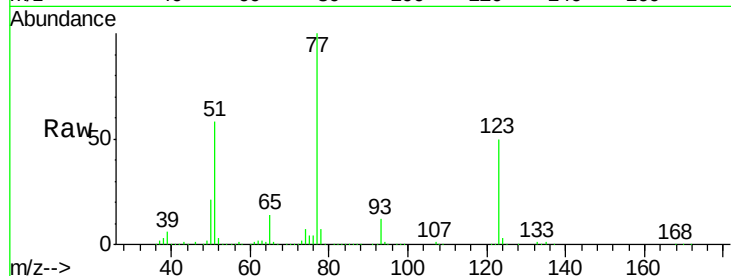
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 388977

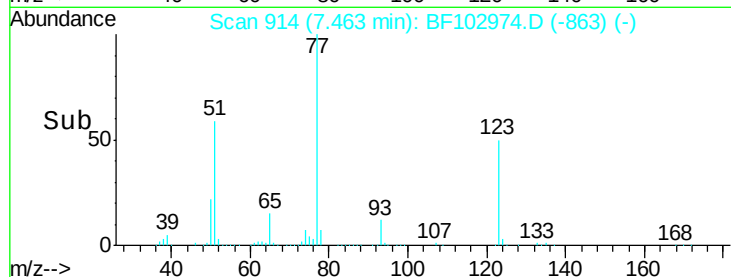
Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.9	56.9
65	14.4	11.0	16.4



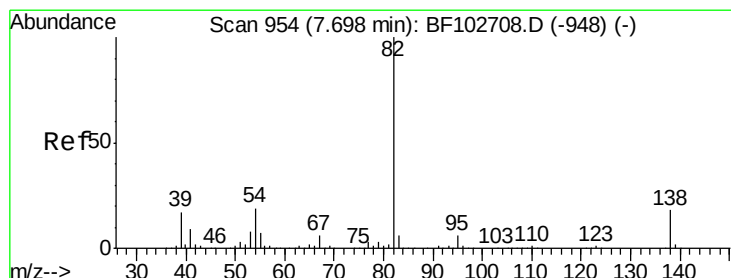
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



Time-->



#25

Isophorone

Concen: 33.79 ng

RT: 7.70 min Scan# 954

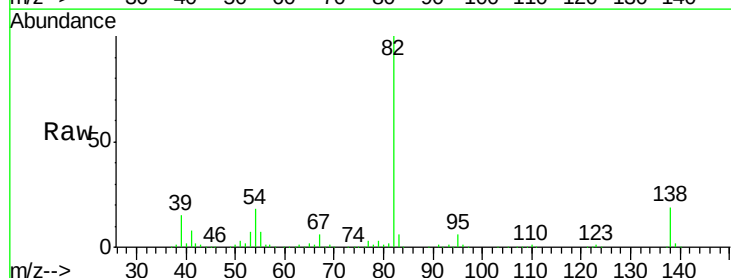
Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion: 82 Resp: 707695

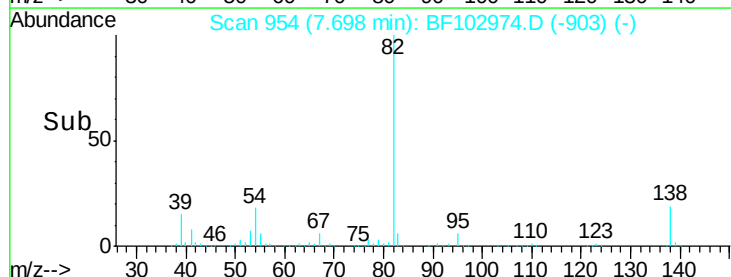
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.2	7.8
138	18.8	14.9	22.3



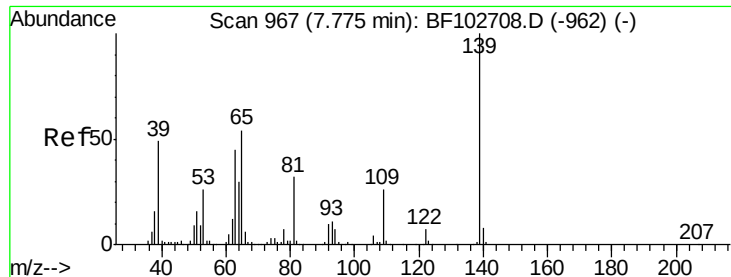
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



Time-->



#26

2-Nitrophenol

Concen: 28.56 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

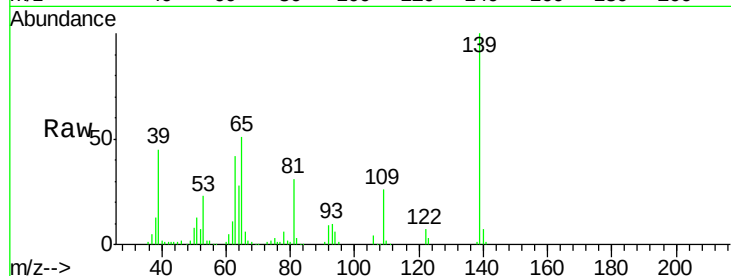
Tot Ion:139 Resp: 106714

Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

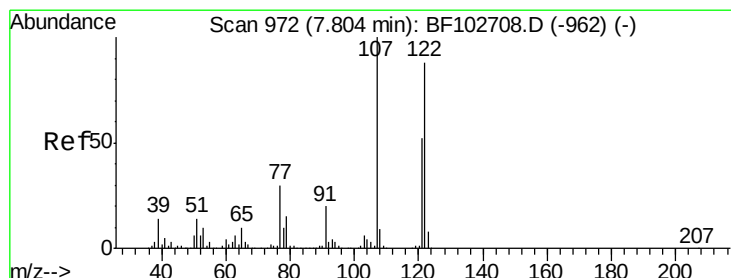
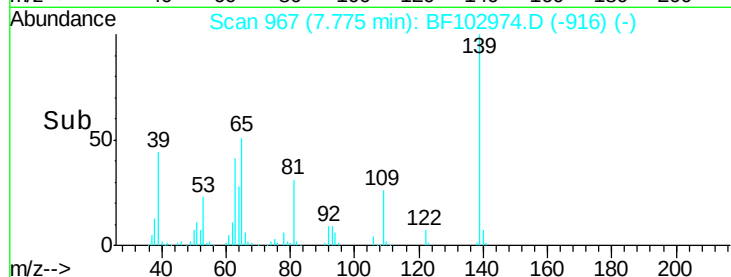
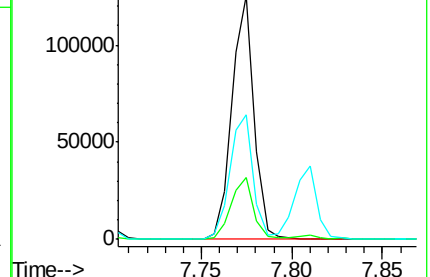
65 51.4 40.5 60.7



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



#27

2,4-Dimethylphenol

Concen: 35.06 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

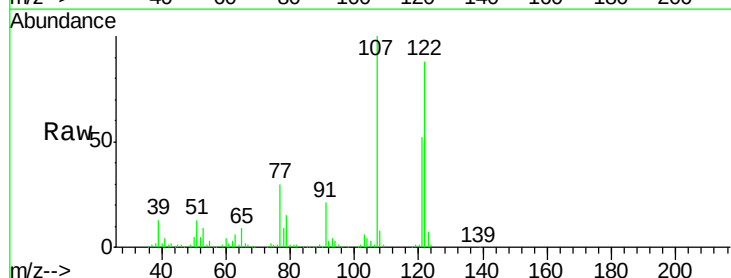
Tgt Ion:122 Resp: 310221

Ion Ratio Lower Upper

122 100

107 113.1 91.2 136.8

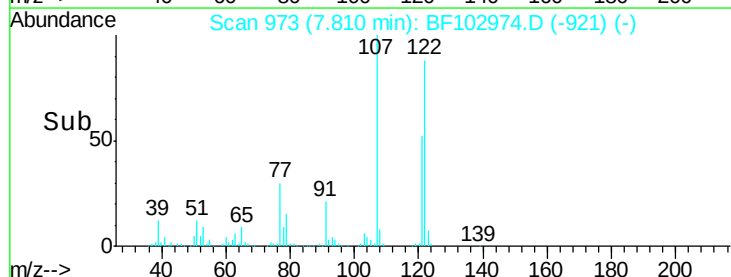
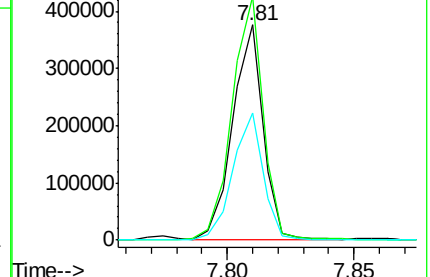
121 59.2 47.2 70.8

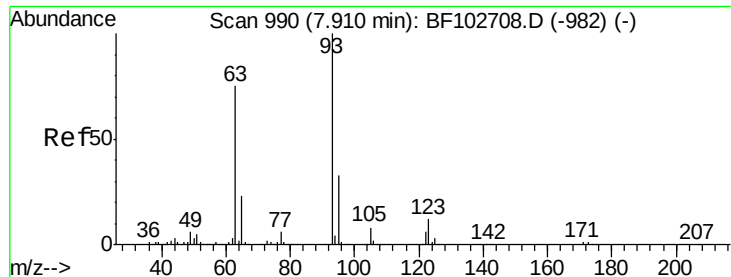


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

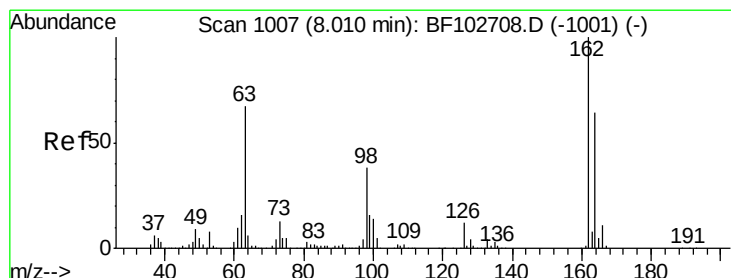
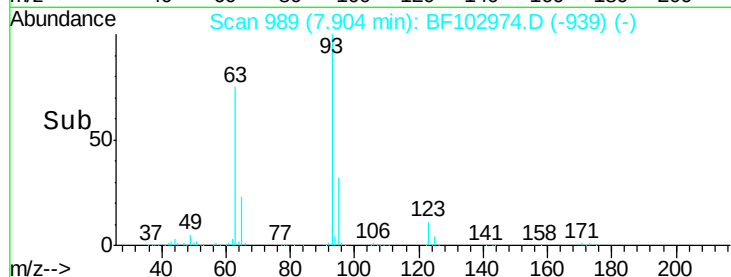
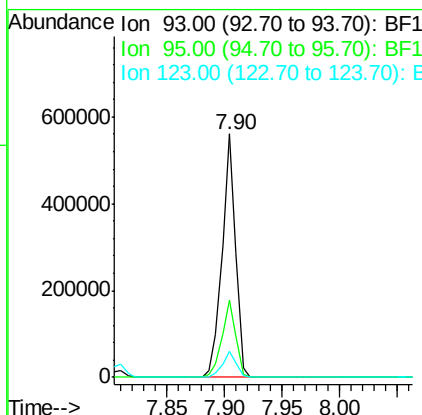
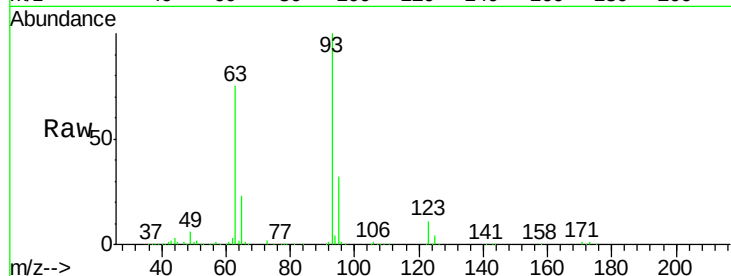




#28
 bis(2-Chloroethoxy)methane
 Concen: 37.05 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

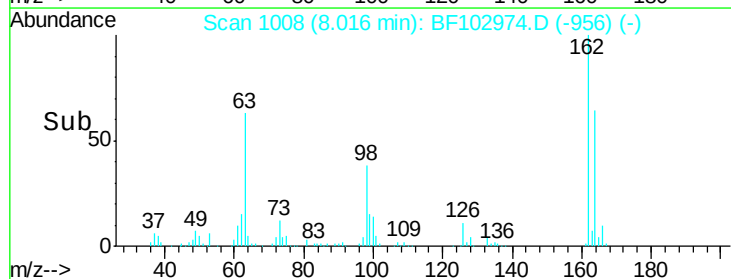
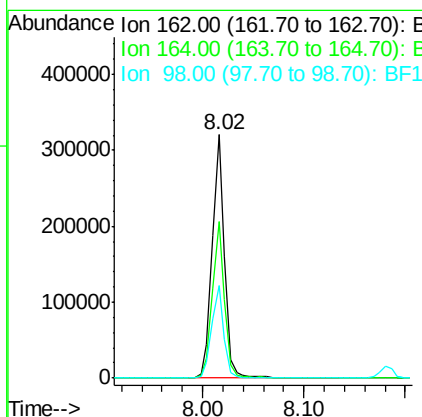
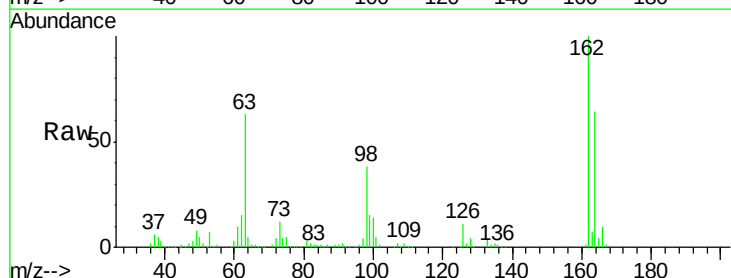
Instrument :
 BNA_F
 ClientSampleId :

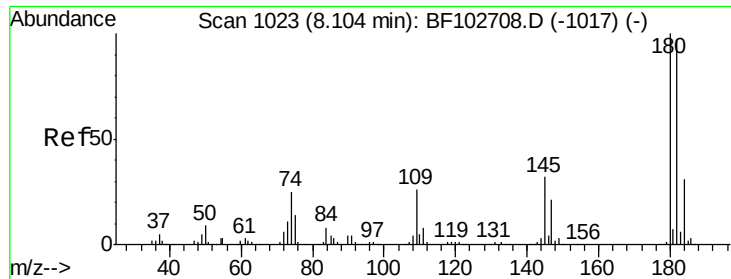
Tot Ion: 93 Resp: 459688
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.3 39.5
 123 10.9 9.8 14.6



#29
 2,4-Dichlorophenol
 Concen: 33.77 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion: 162 Resp: 271665
 Ion Ratio Lower Upper
 162 100
 164 64.1 42.7 82.7
 98 38.0 18.1 58.1

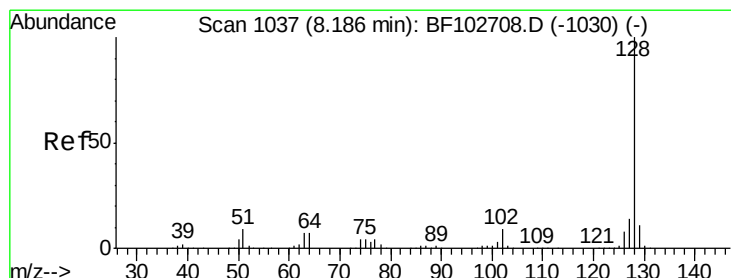
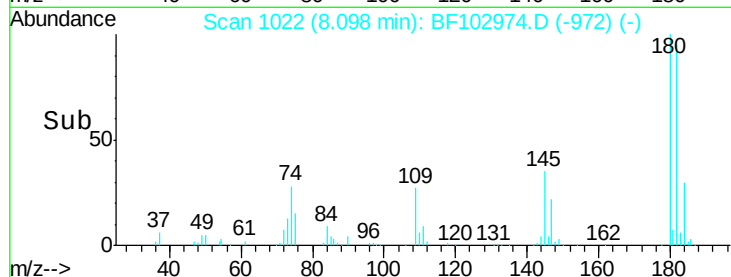
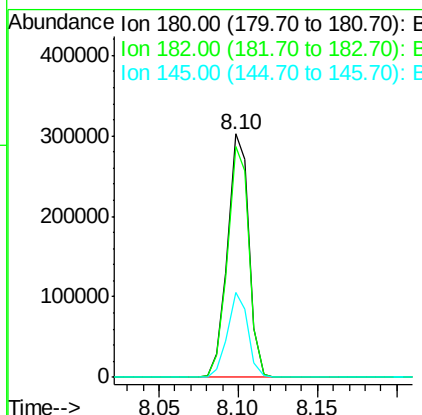
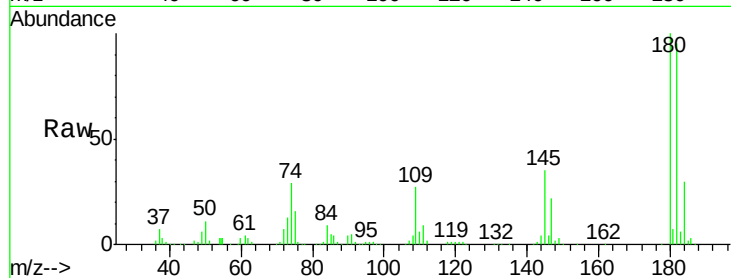




#30
 1,2,4-Trichlorobenzene
 Concen: 31.15 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

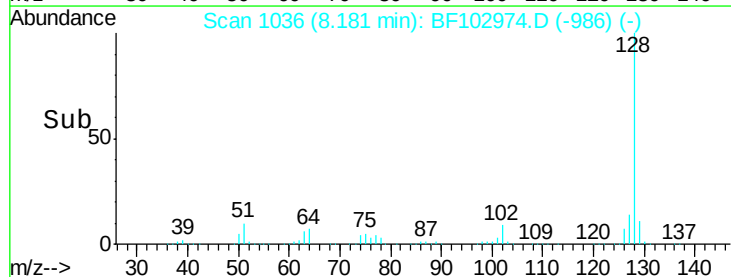
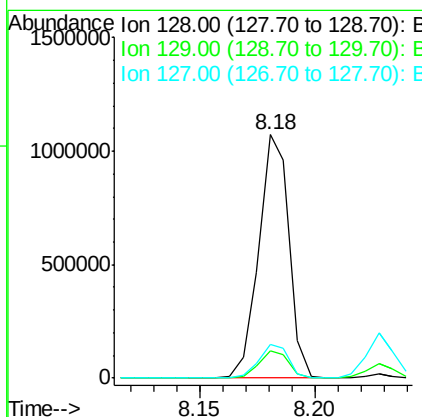
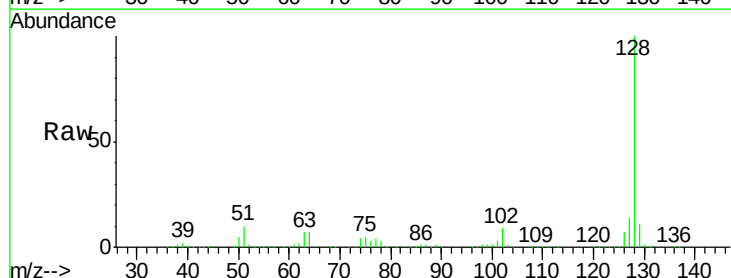
Instrument :
 BNA_F
 ClientSampleId :

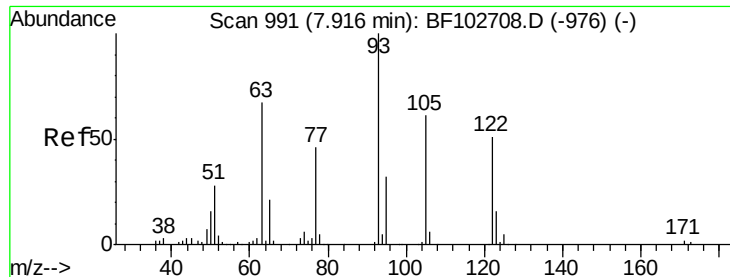
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	34.9	26.5	39.7



#31
 Naphthalene
 Concen: 31.83 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.6	10.9	16.3





#32

Benzoic acid

Concen: 49.16 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.11 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampled :

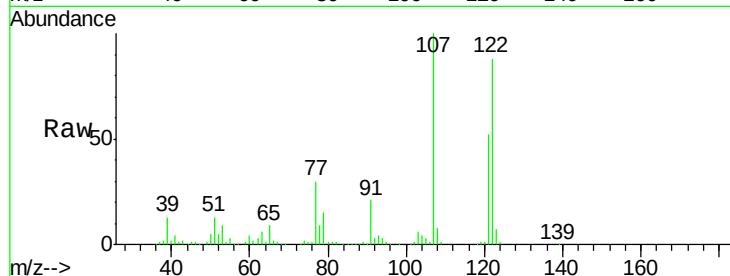
Tot Ion:122 Resp: 310221

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

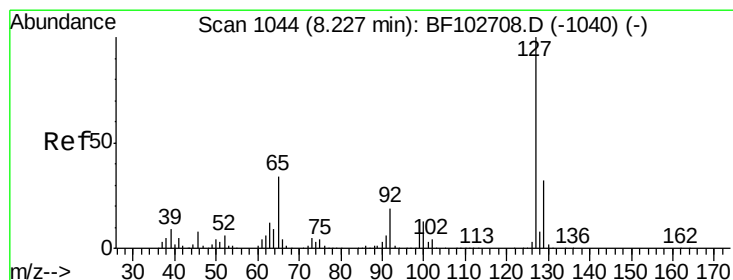
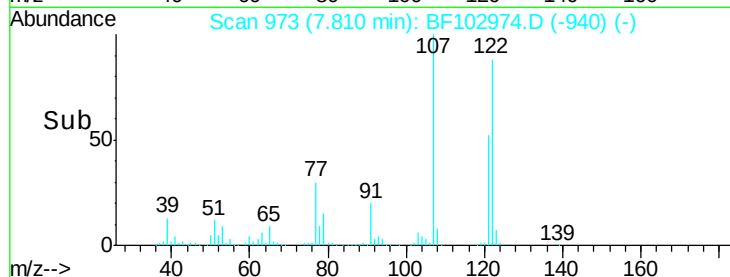
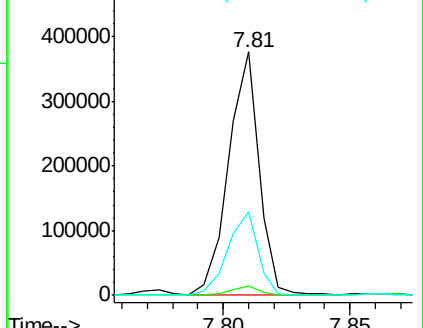
77 34.3 70.7 110.7#



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: 13.06 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:127 Resp: 173411

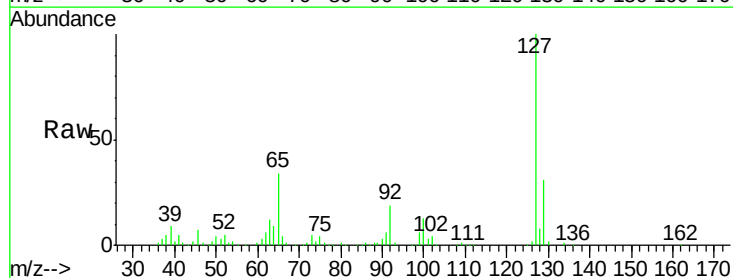
Ion Ratio Lower Upper

127 100

129 31.1 25.9 38.9

65 34.1 25.0 37.4

92 18.7 15.2 22.8

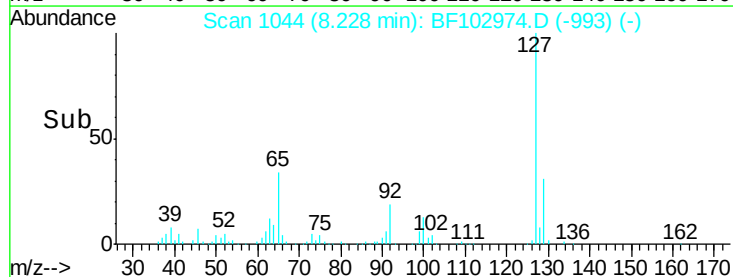
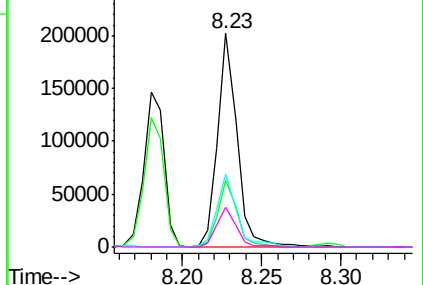


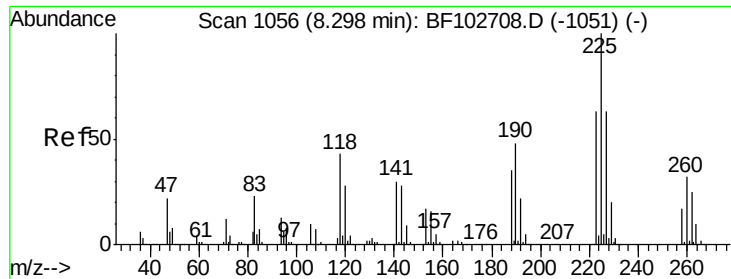
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 31.42 ng

RT: 8.29 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :

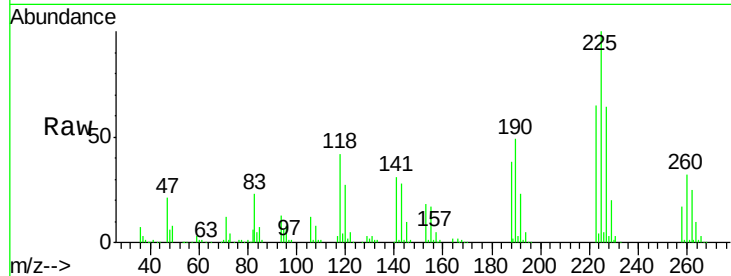
Tot Ion:225 Resp: 146536

Ion Ratio Lower Upper

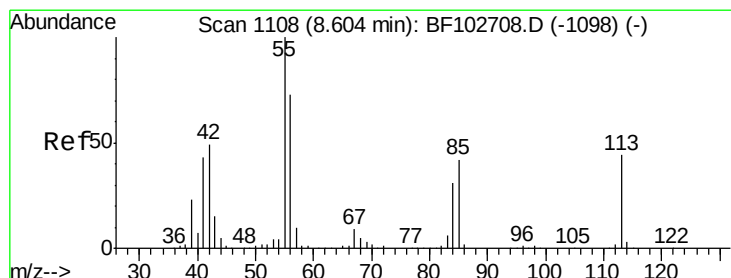
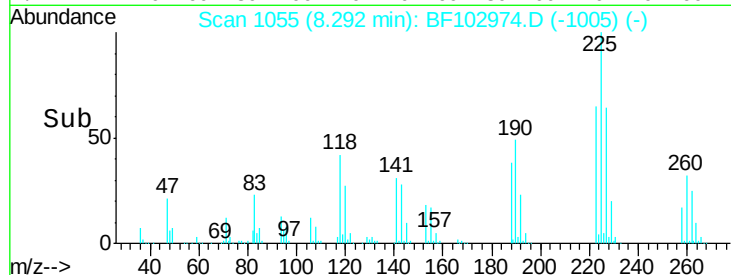
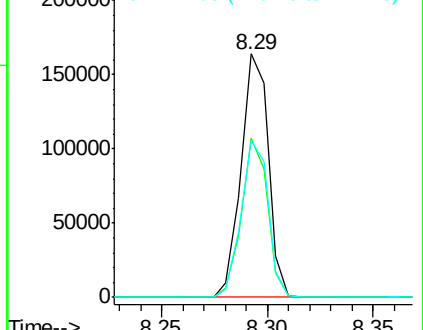
225 100

223 65.2 50.6 76.0

227 64.4 51.9 77.9



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



#35

Caprolactam

Concen: 4.74 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

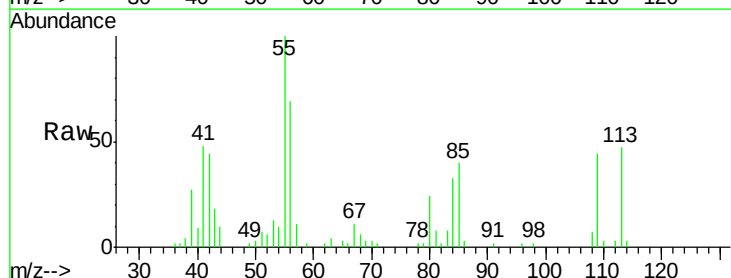
Tgt Ion:113 Resp: 13249

Ion Ratio Lower Upper

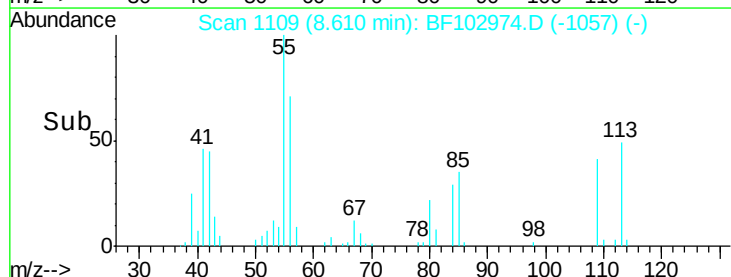
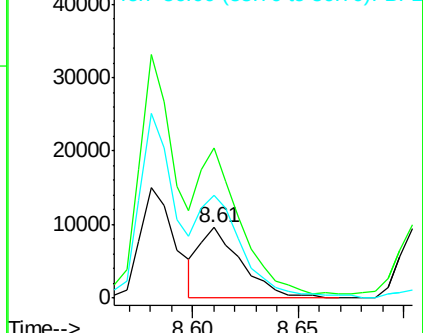
113 100

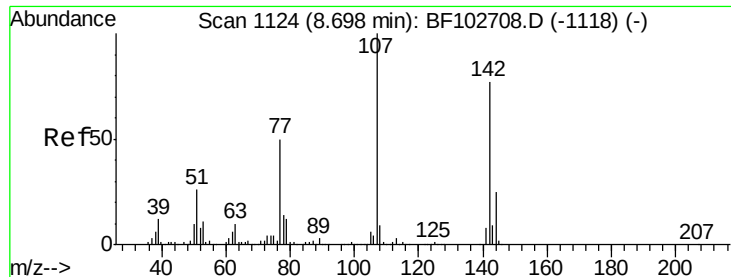
55 212.5 163.3 203.3#

56 146.1 115.7 155.7



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

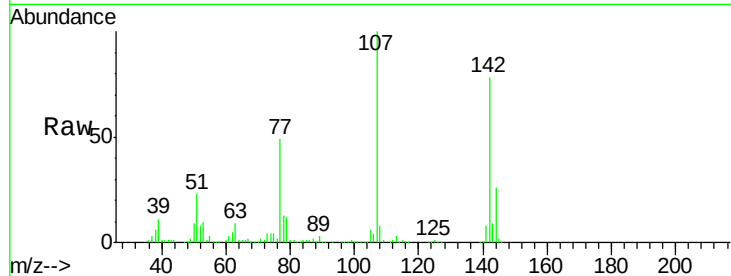




#36
4-Chloro-3-methylphenol
Concen: 31.65 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	78.0	62.0	93.0

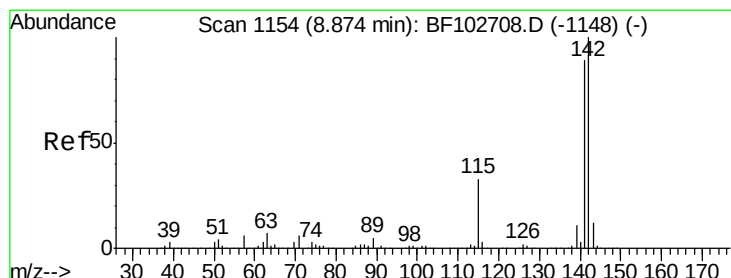
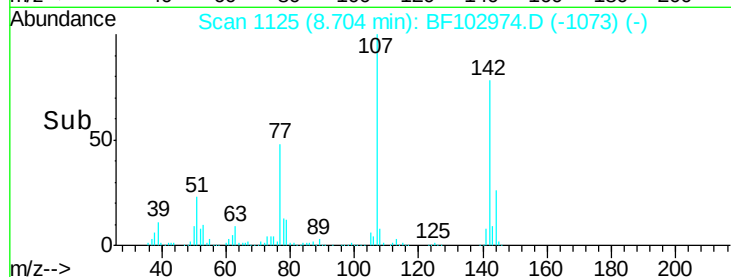
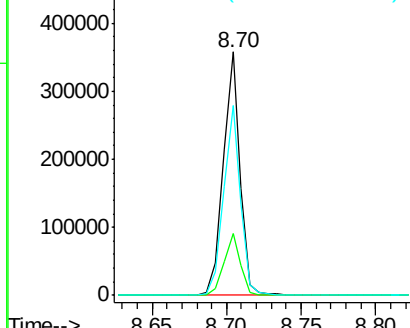


Abundance

Ion 107.00 (106.70 to 107.70): E

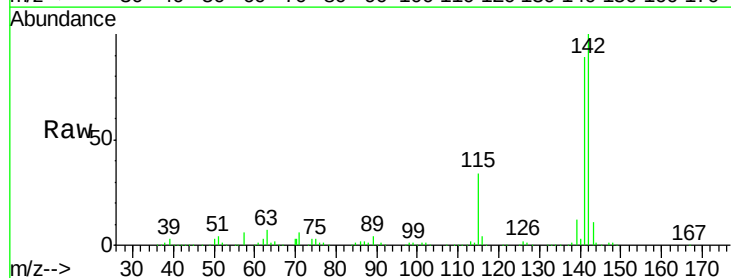
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
2-Methylnaphthalene
Concen: 30.69 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	33.6	26.1	39.1

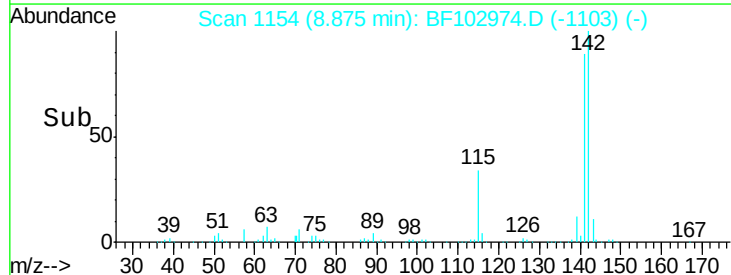
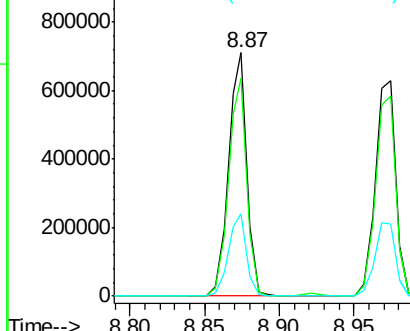


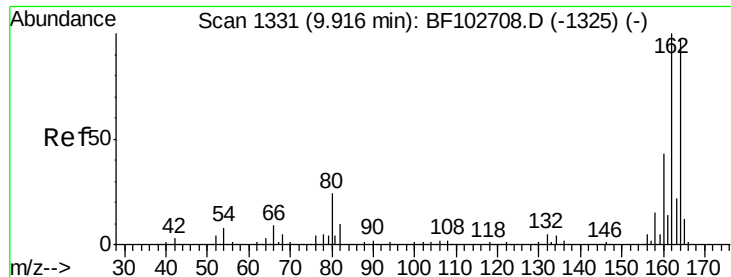
Abundance

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

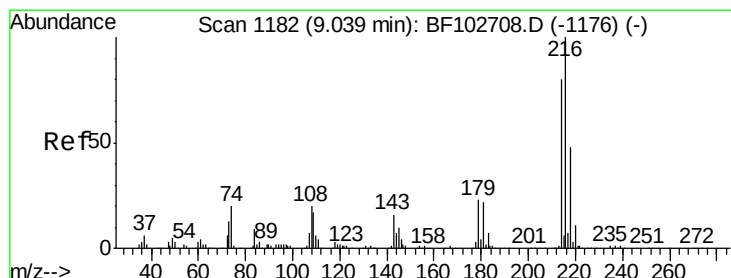
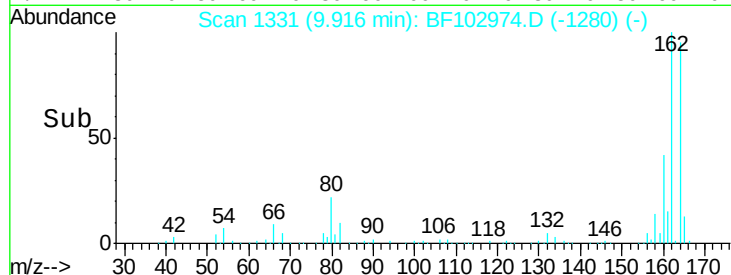
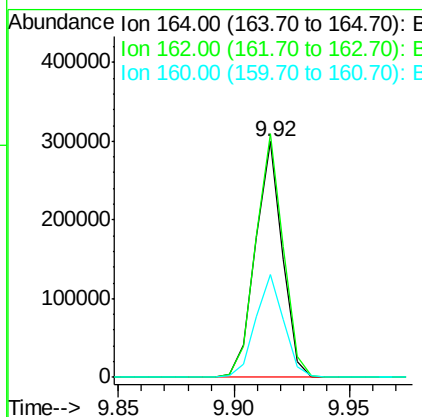
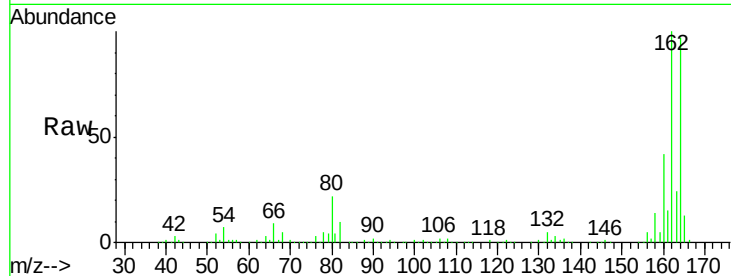




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

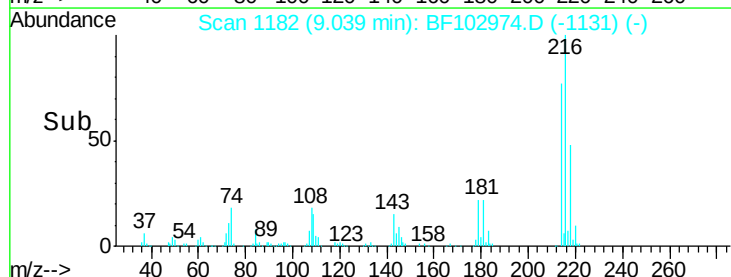
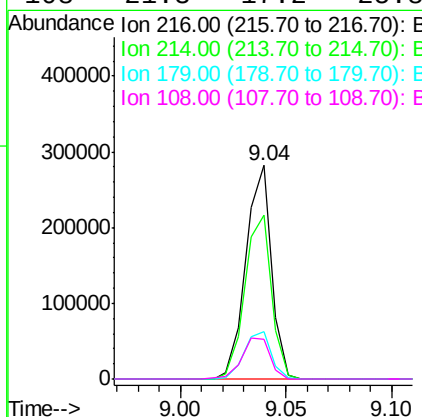
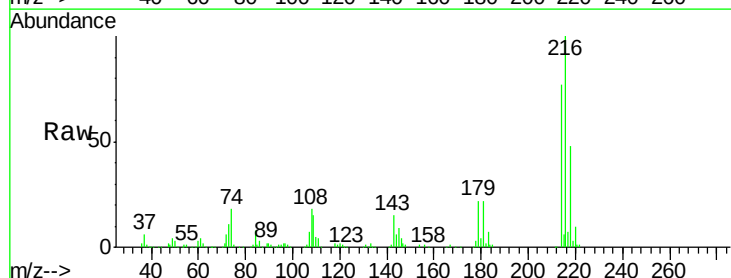
Instrument :
 BNA_F
 ClientSampleId :

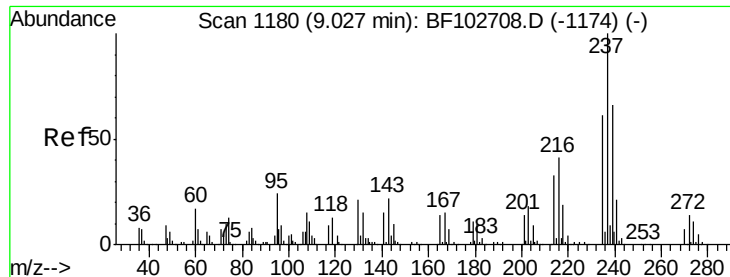
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	43.5	38.3	57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.60 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	23.3	18.1	27.1
108	21.3	17.2	25.8

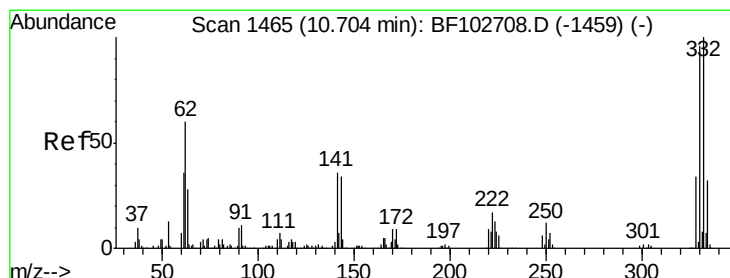
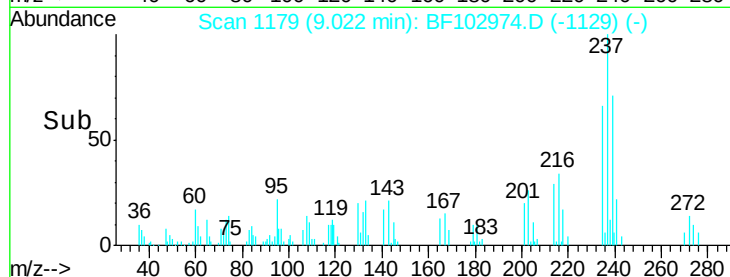
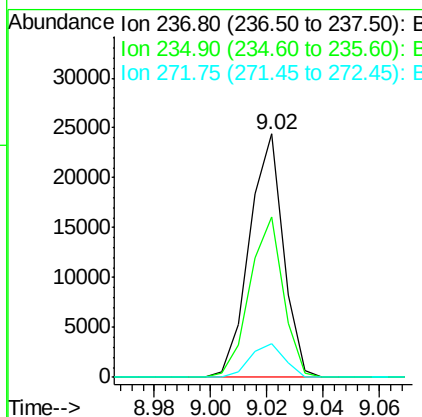
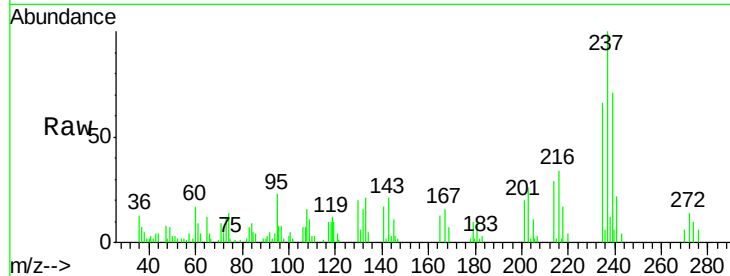




#40
Hexachlorocyclopentadiene
Concen: 6.40 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

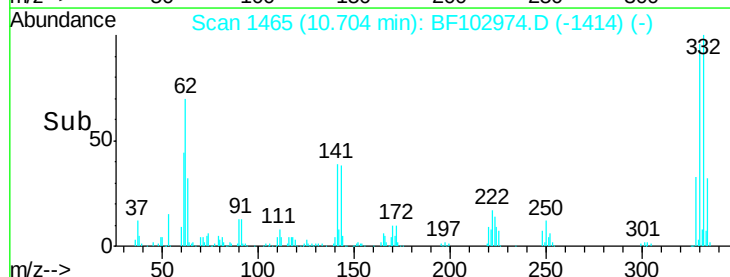
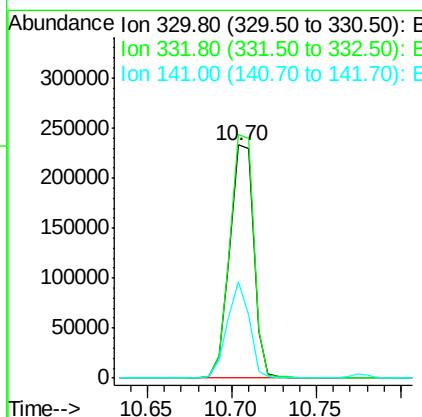
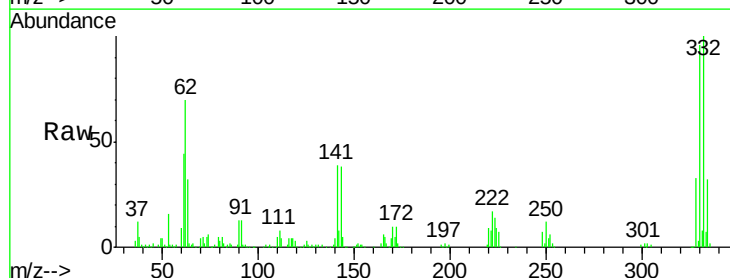
Instrument :
BNA_F
ClientSampleId :

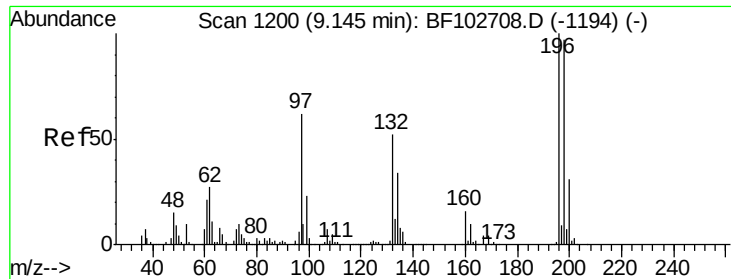
Tot Ion:237 Resp: 20296
Ion Ratio Lower Upper
237 100
235 66.1 44.8 84.8
272 13.8 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 116.97 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion:330 Resp: 230620
Ion Ratio Lower Upper
330 100
332 104.3 77.0 115.6
141 38.6 29.9 44.9





#42

2,4,6-Trichlorophenol

Concen: 34.67 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

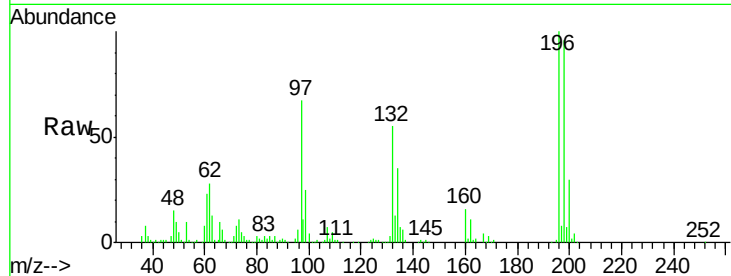
Tot Ion:196 Resp: 151880

Ion Ratio Lower Upper

196 100

198 96.1 75.7 113.5

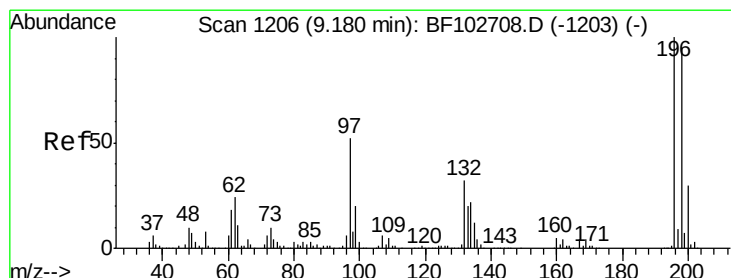
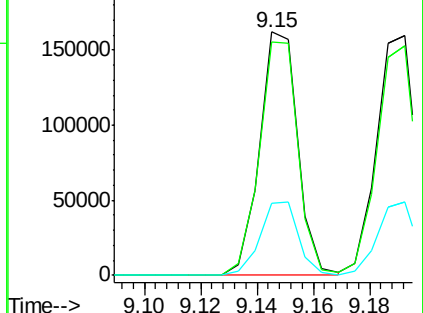
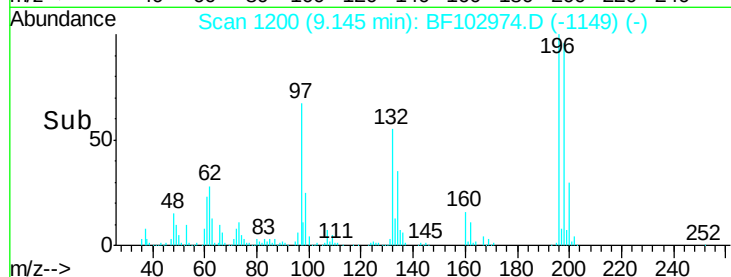
200 29.5 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 31.99 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Tgt Ion:196 Resp: 157944

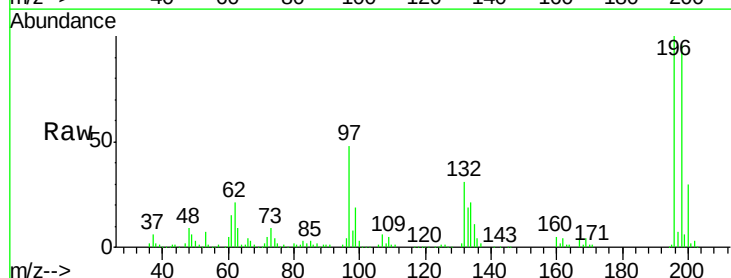
Ion Ratio Lower Upper

196 100

198 95.6 74.6 112.0

97 47.9 42.9 64.3

132 31.1 26.3 39.5

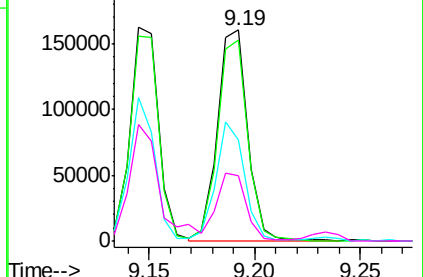
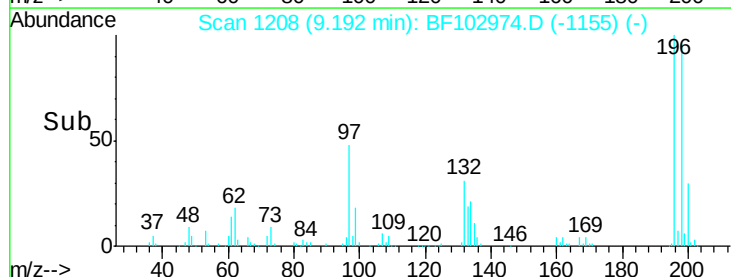


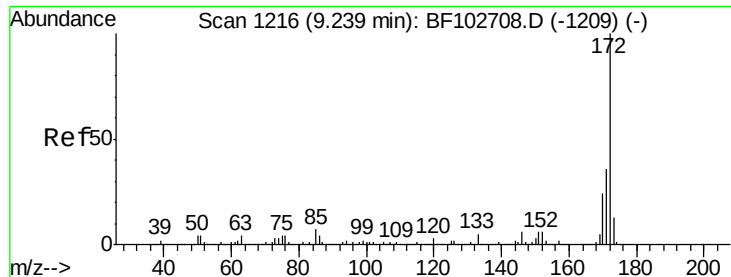
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

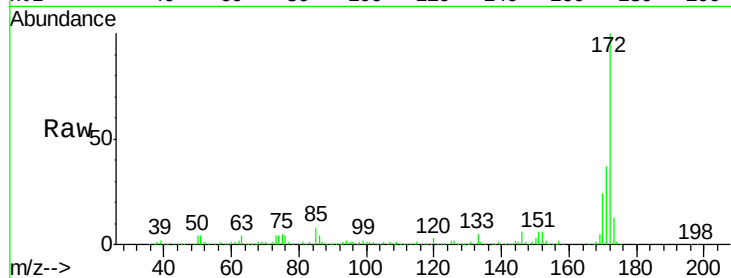




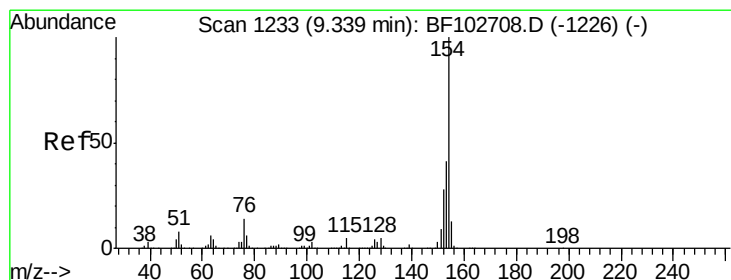
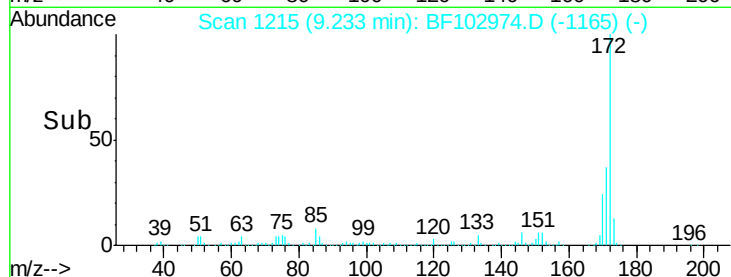
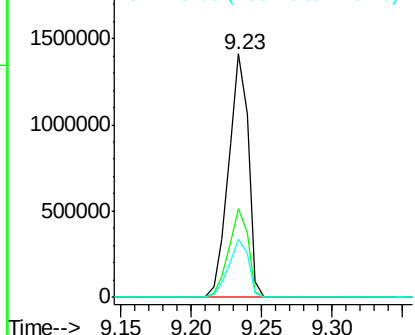
#44
2-Fluorobiphenyl
Concen: 92.51 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1365614
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.0 19.6 29.4

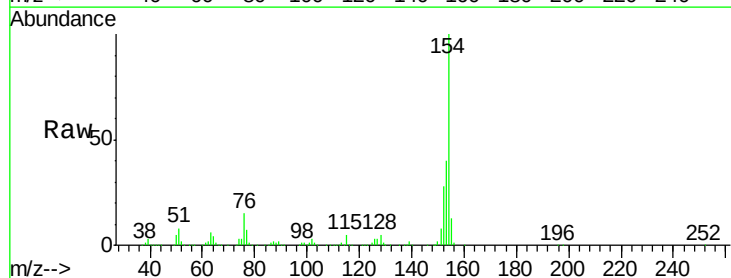


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

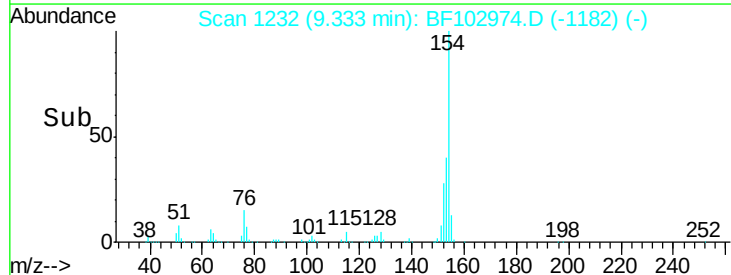
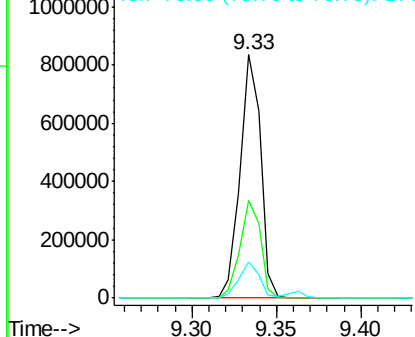


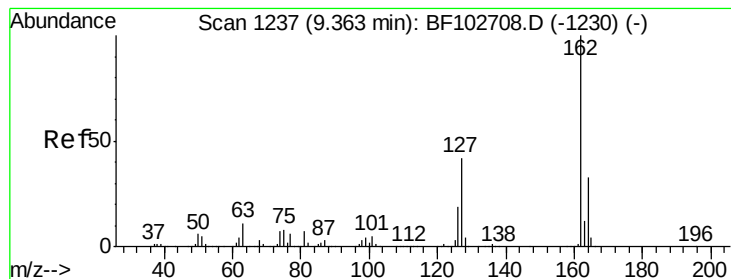
#45
1,1'-Biphenyl
Concen: 34.16 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion:154 Resp: 704703
Ion Ratio Lower Upper
154 100
153 40.0 21.3 61.3
76 15.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

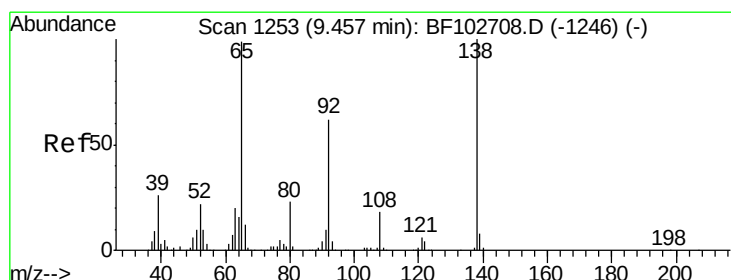
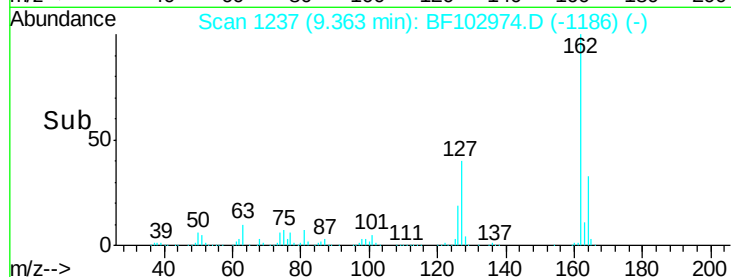
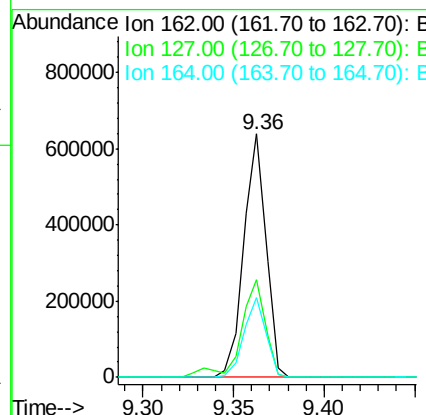
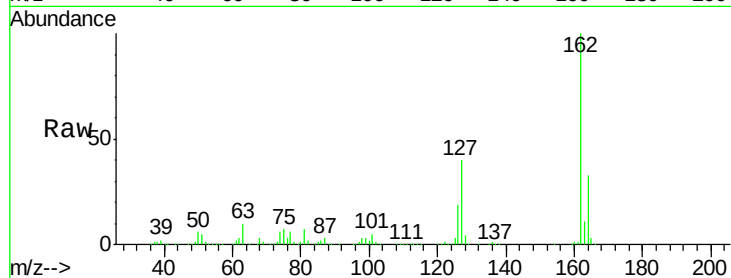




#46
 2-Chloronaphthalene
 Concen: 33.39 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

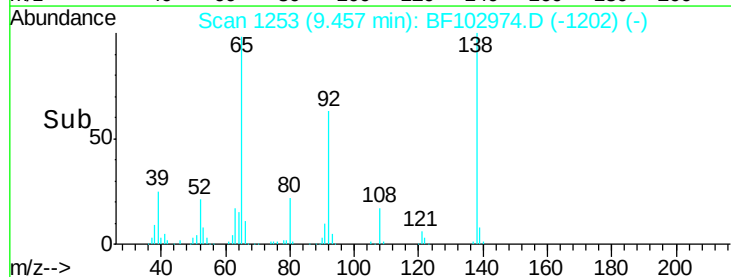
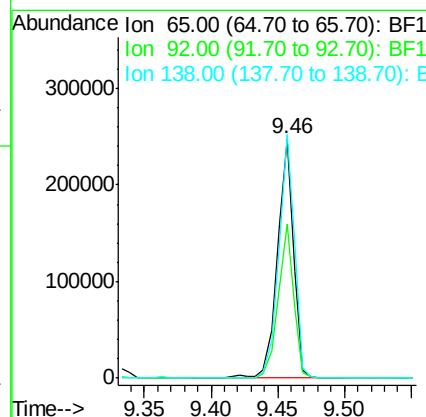
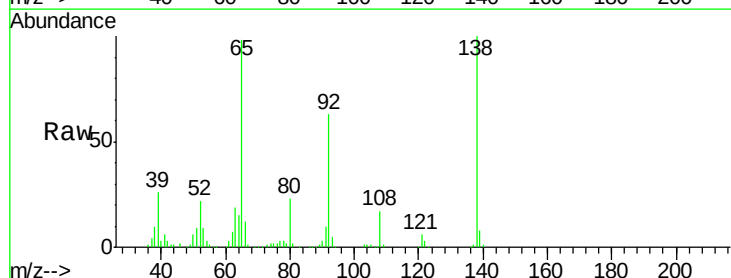
Instrument :
 BNA_F
 ClientSampled :

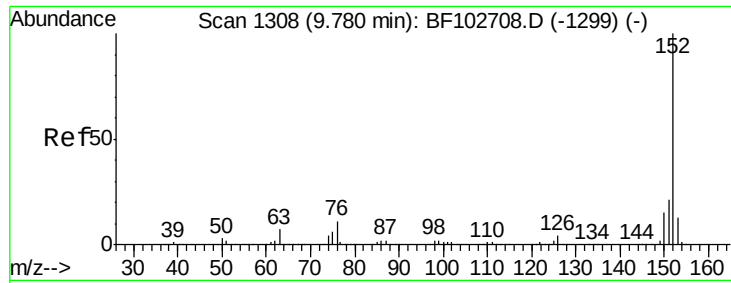
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.9	50.9
164	32.8	26.5	39.7



#47
 2-Nitroaniline
 Concen: 42.32 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	55.8	83.6
138	101.8	91.2	136.8





#48

Acenaphthylene

Concen: 31.38 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

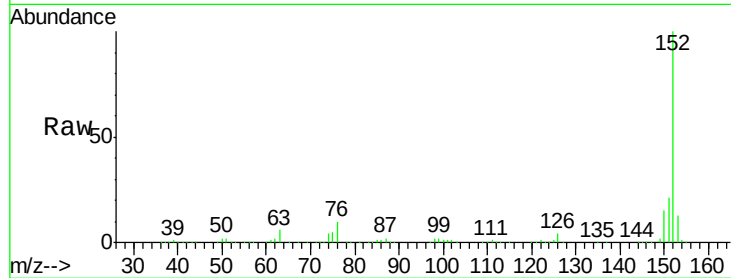
Tot Ion:152 Resp: 791643

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

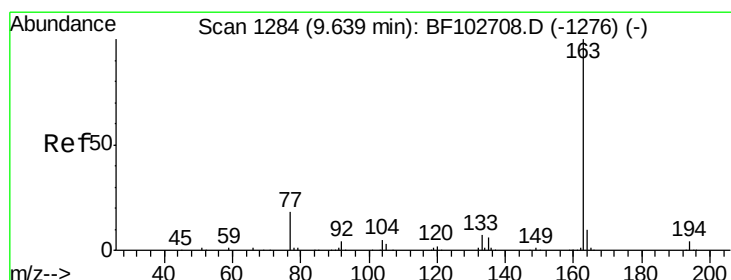
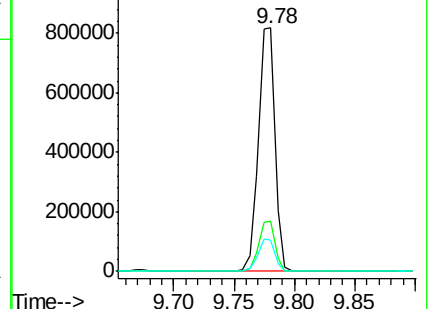
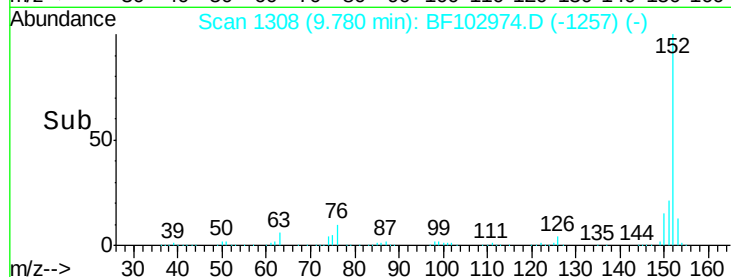
153 12.7 10.7 16.1



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



#49

Dimethylphthalate

Concen: 37.28 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

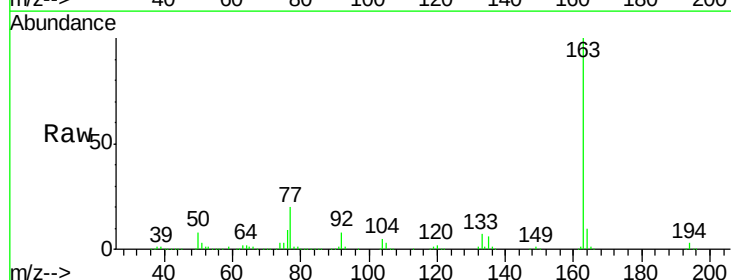
Tgt Ion:163 Resp: 711975

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

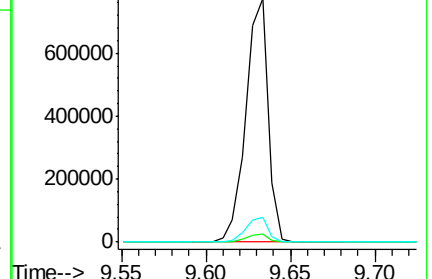
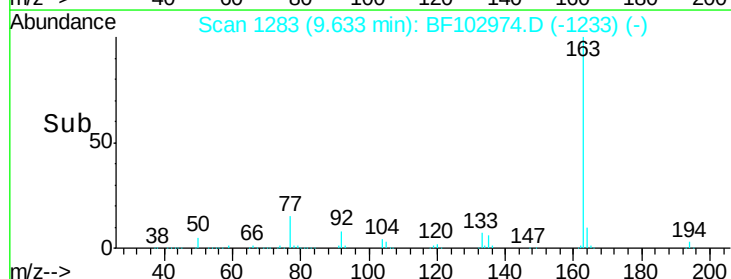
164 10.0 8.2 12.2

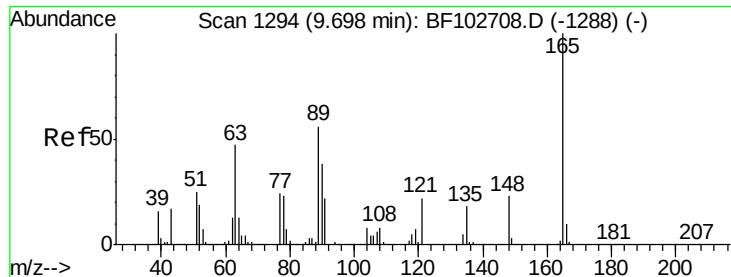


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

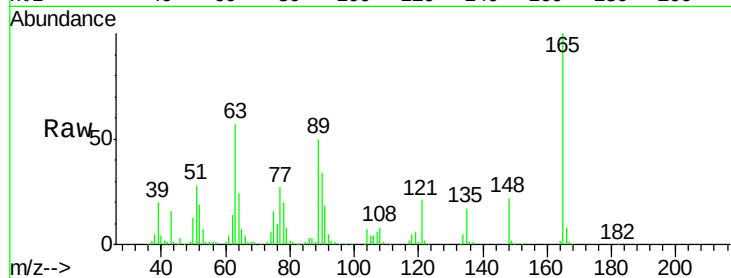




#50
2,6-Dinitrotoluene
Concen: 31.62 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :

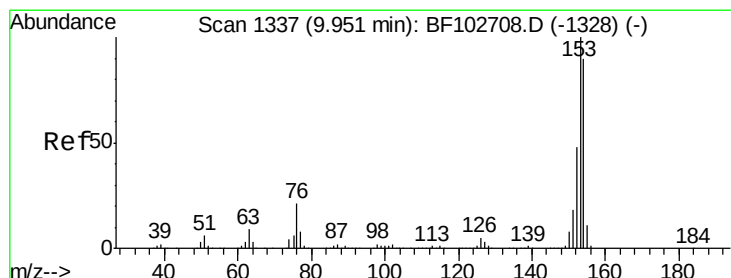
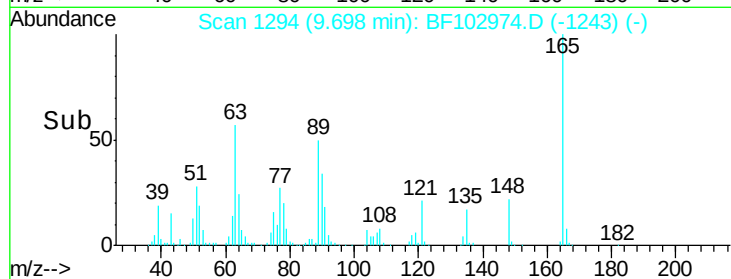
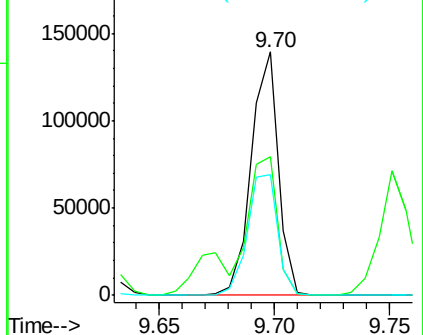
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.8	44.7	67.1
89	49.6	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E

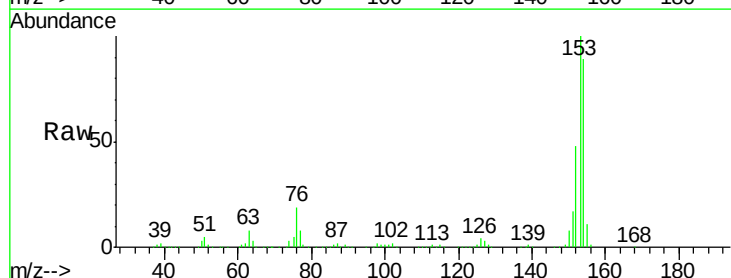
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51
Acenaphthene
Concen: 30.48 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

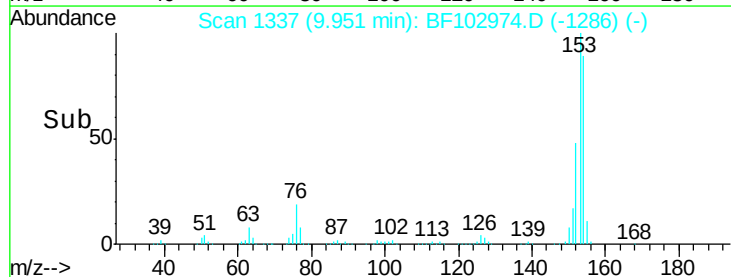
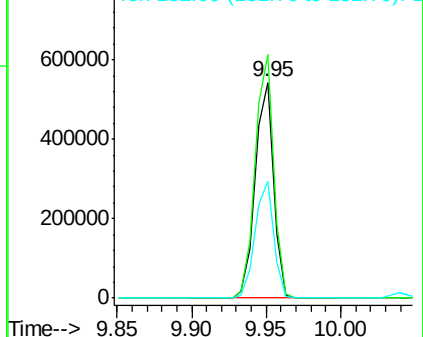
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.2	136.8
152	53.9	43.8	65.8

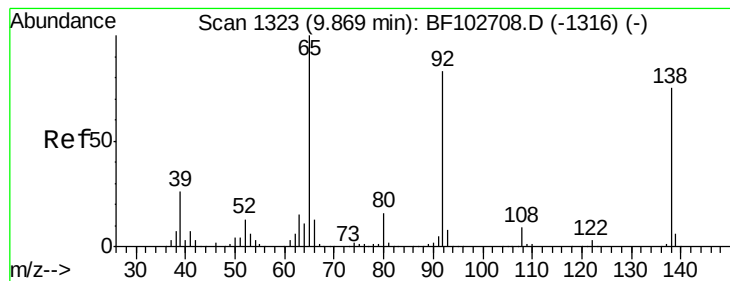


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 37.10 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

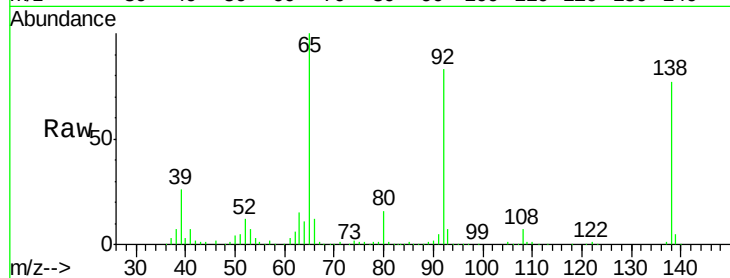
Tot Ion:138 Resp: 165868

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

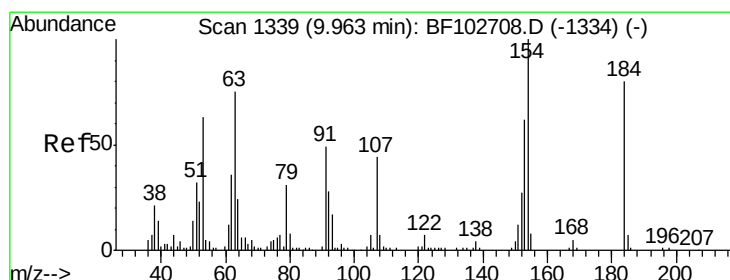
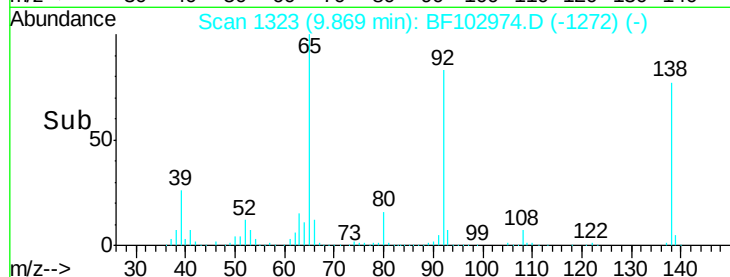
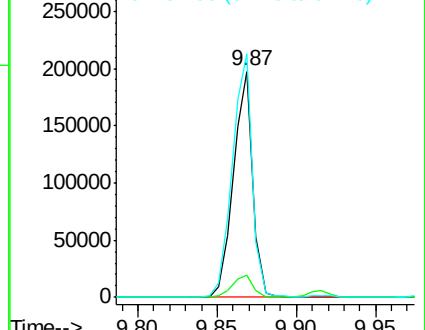
92 107.8 89.4 134.2



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



#53

2,4-Dinitrophenol

Concen: 11.75 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

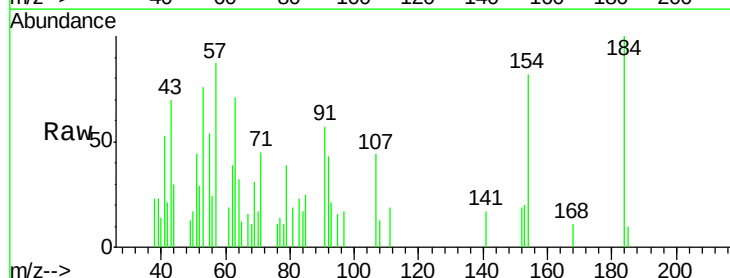
Tgt Ion:184 Resp: 2524

Ion Ratio Lower Upper

184 100

63 70.9 54.2 81.2

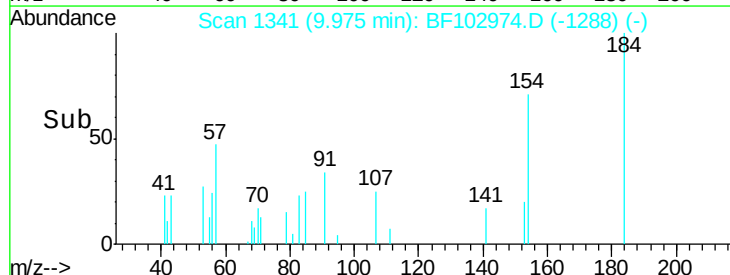
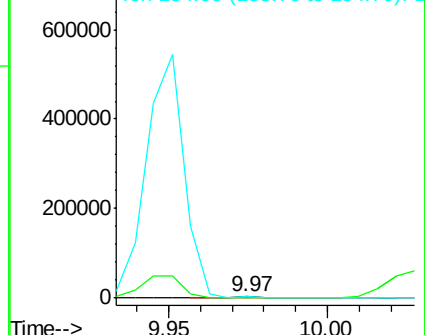
154 81.5 184.0 276.0#

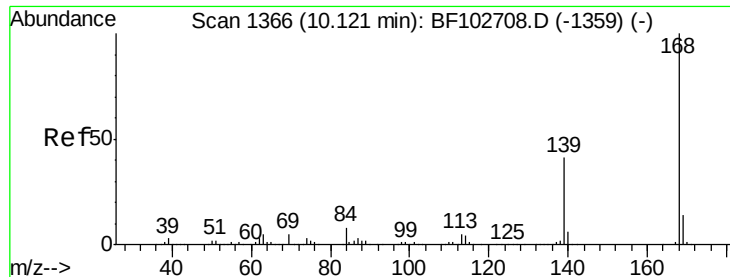


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

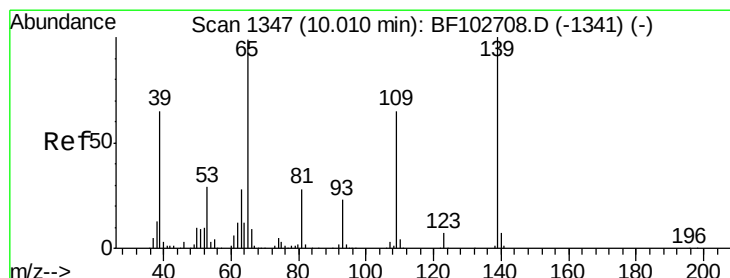
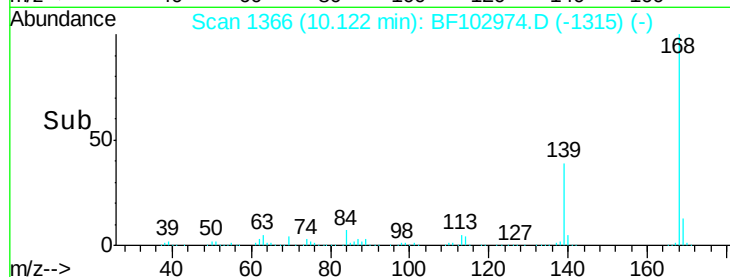
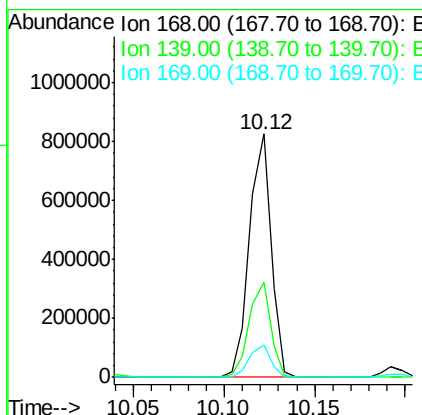
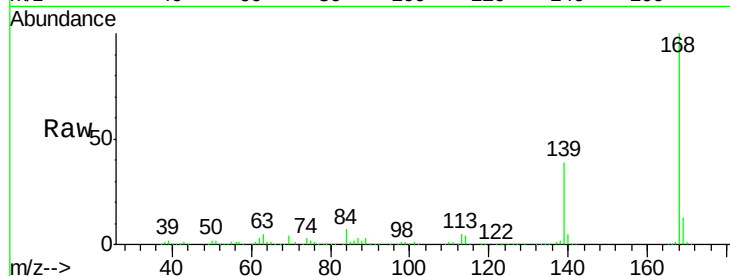




#54
Dibenzenofuran
Concen: 32.50 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

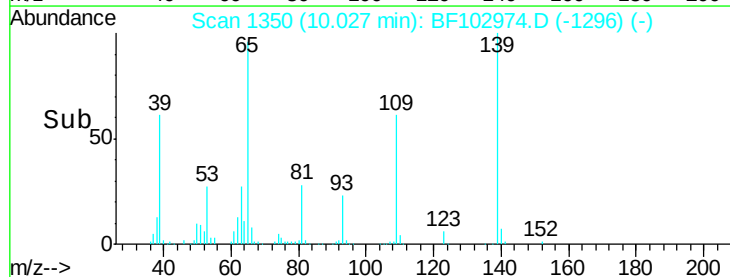
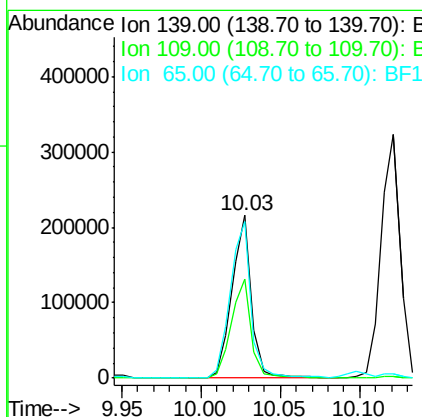
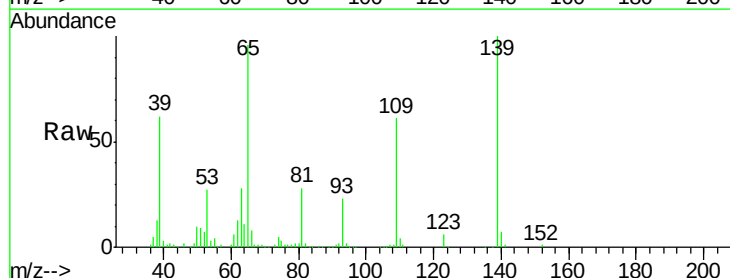
Instrument :
BNA_F
ClientSampleId :

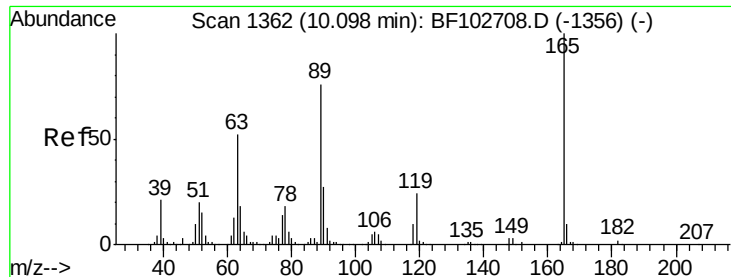
Tot Ion:168 Resp: 691032
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 13.3 10.9 16.3



#55
4-Nitrophenol
Concen: 51.88 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion:139 Resp: 185132
Ion Ratio Lower Upper
139 100
109 61.0 48.4 88.4
65 95.9 72.6 112.6

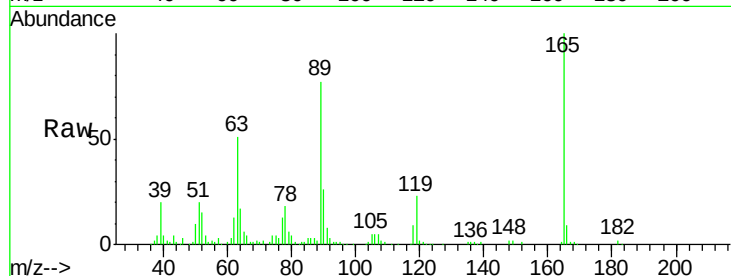




#56
2,4-Dinitrotoluene
Concen: 28.50 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.8	36.4	54.6
89	76.6	57.8	86.6
182	2.3	1.6	2.4

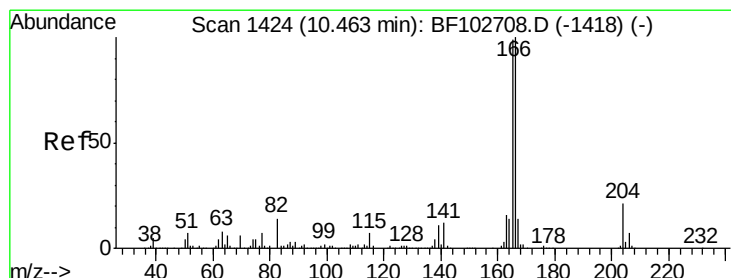
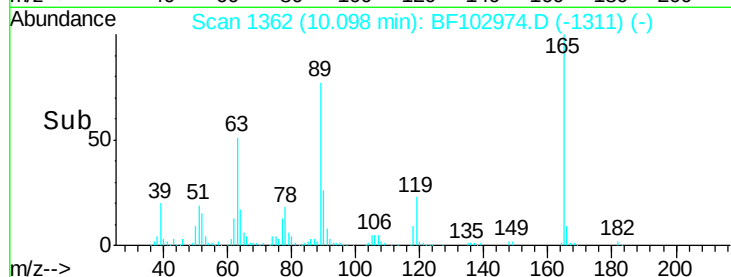
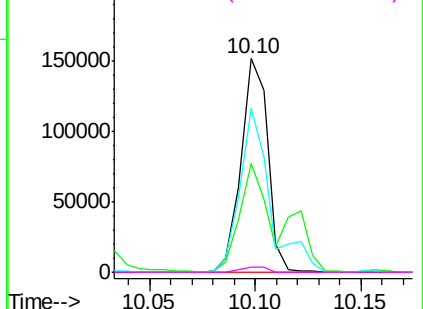


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

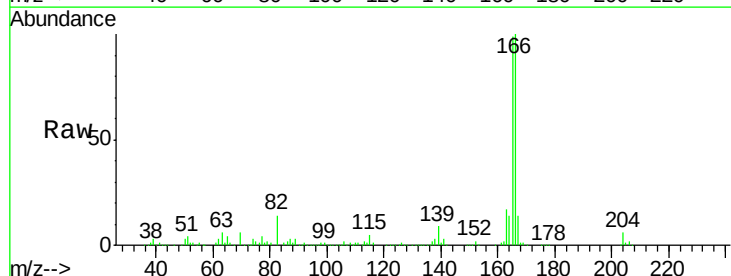
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 32.40 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

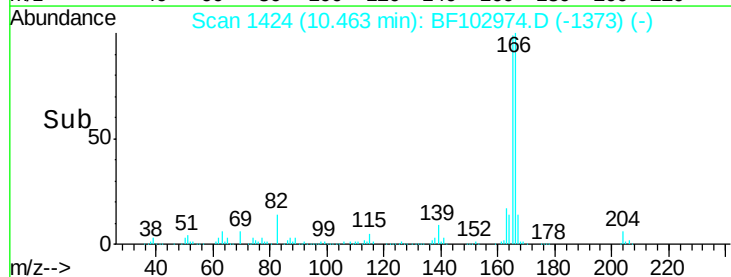
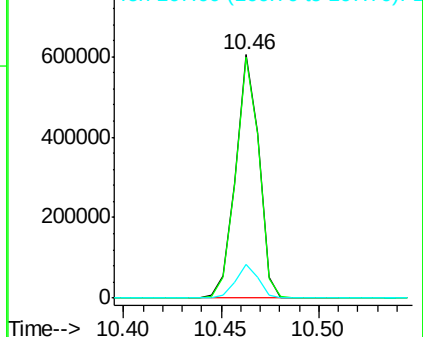
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.6	10.6	16.0

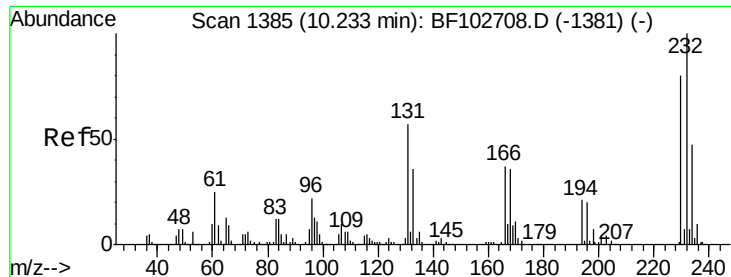


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 32.10 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 109851

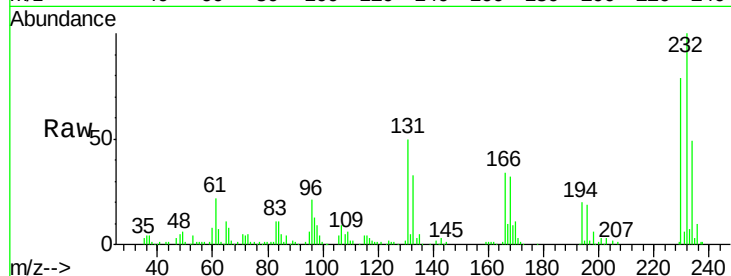
Ion Ratio Lower Upper

232 100

131 57.0 43.8 65.8

130 2.6 2.1 3.1

166 37.1 27.8 41.6

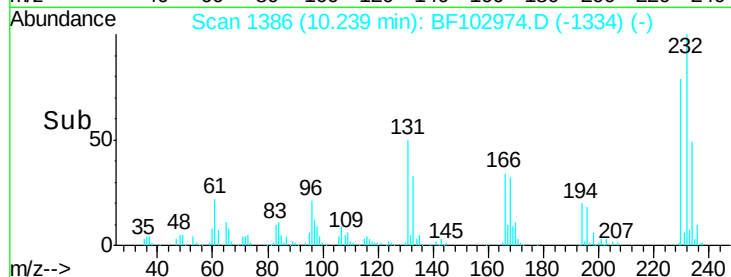


Abundance Ion 232.00 (231.70 to 232.70): E

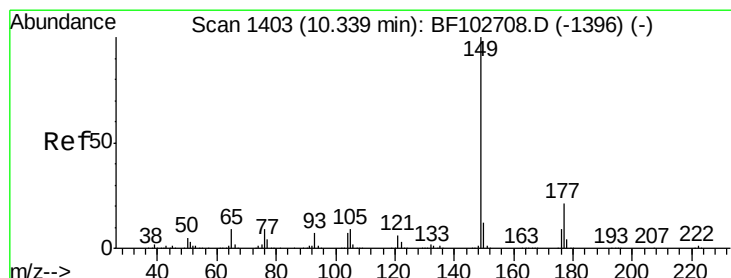
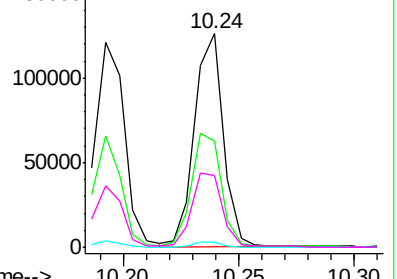
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#59

Diethylphthalate

Concen: 34.40 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

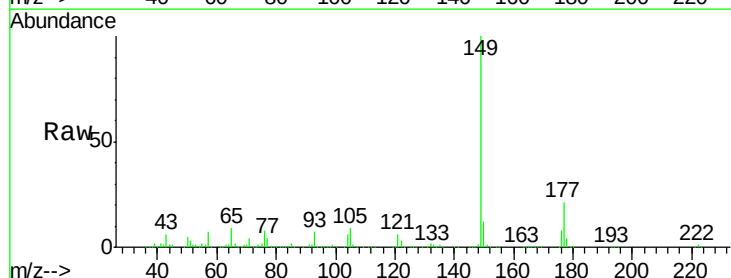
Tgt Ion:149 Resp: 648717

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

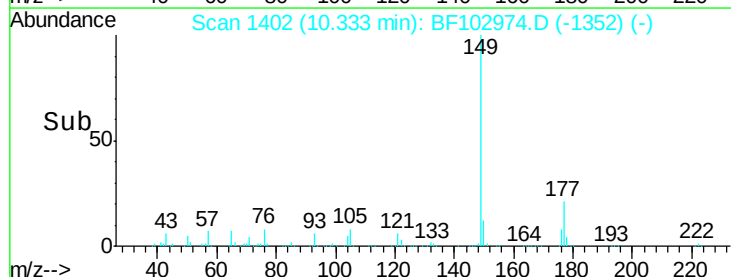
150 12.5 10.1 15.1



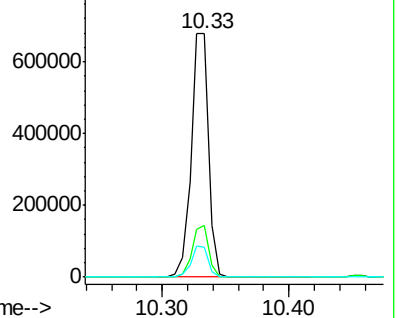
Abundance Ion 149.00 (148.70 to 149.70): E

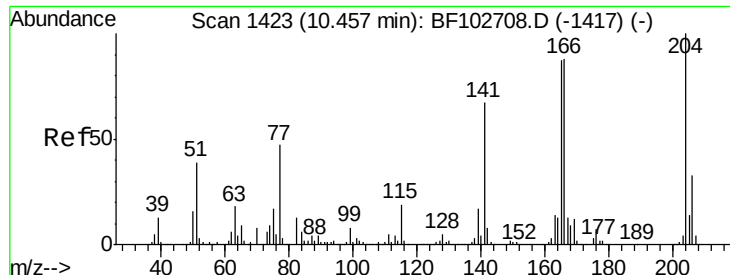
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

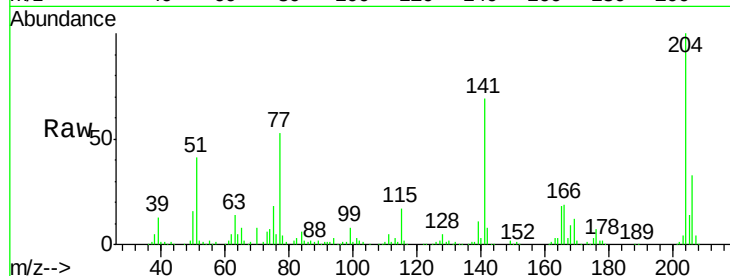




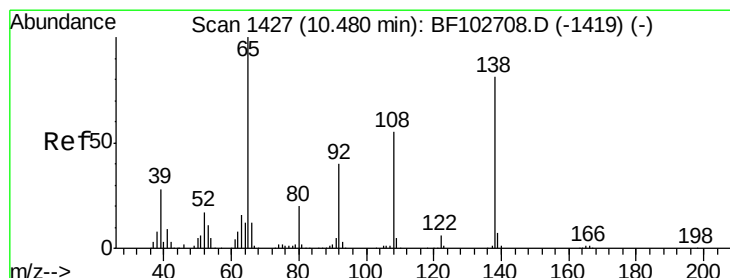
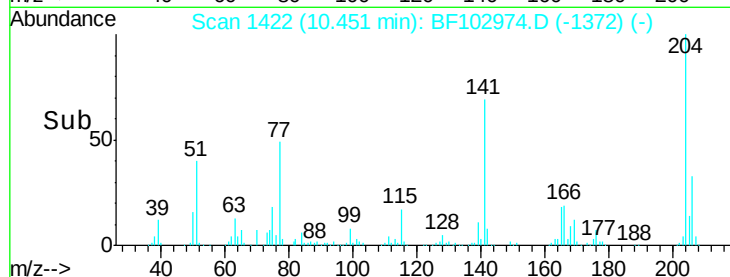
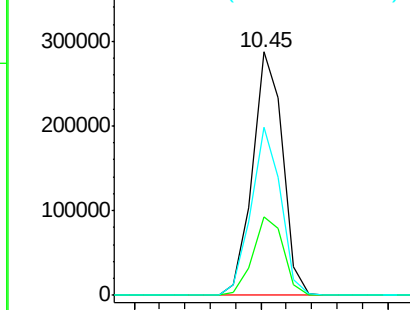
#60
 4-Chlorophenyl-phenylether
 Concen: 34.65 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	68.9	54.6	81.8

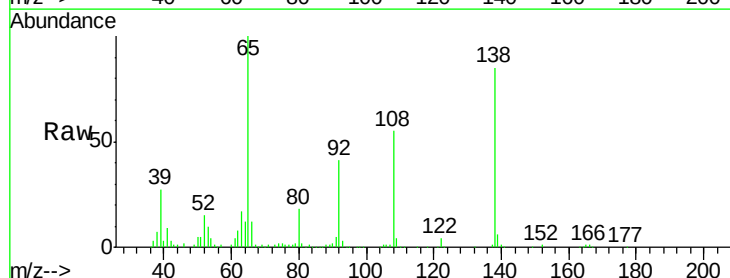


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

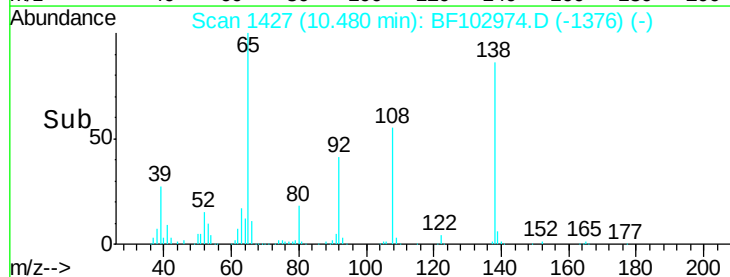
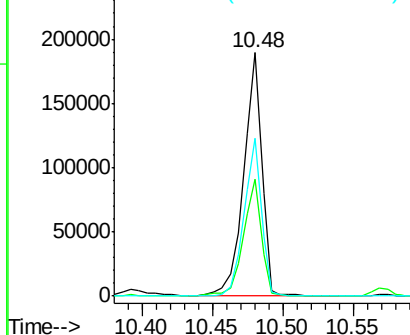


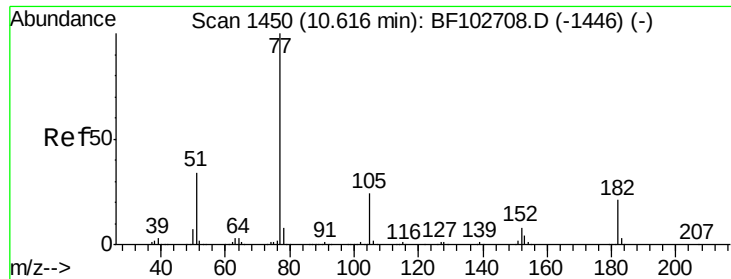
#61
 4-Nitroaniline
 Concen: 40.13 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	30.2	70.2
108	64.6	52.5	92.5



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





#62

Azobenzene

Concen: 31.47 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 592928

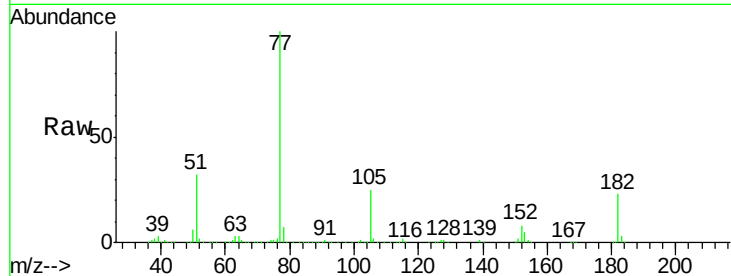
Ion Ratio Lower Upper

77 100

182 23.3 1.7 41.7

105 24.7 3.0 43.0

51 32.0 9.9 49.9

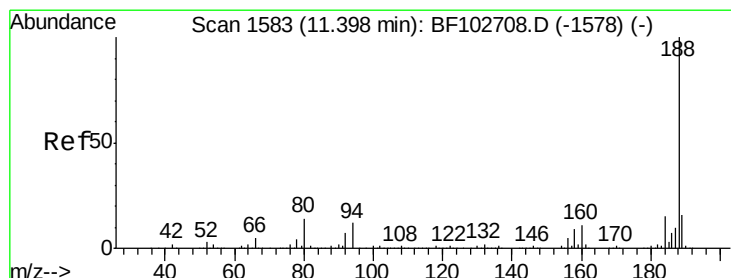
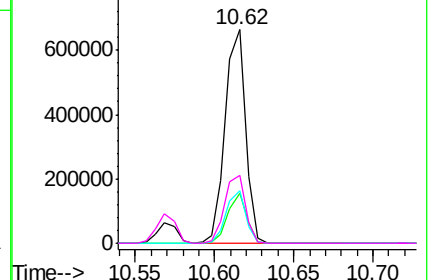
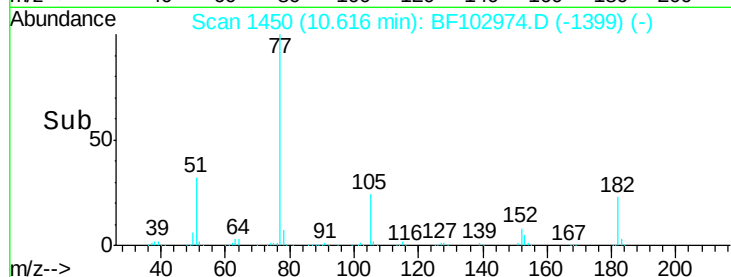


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

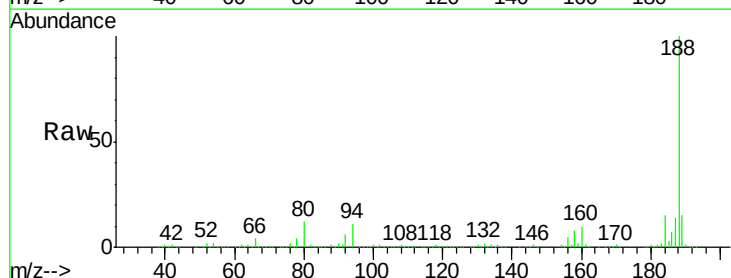
Tgt Ion: 188 Resp: 370445

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

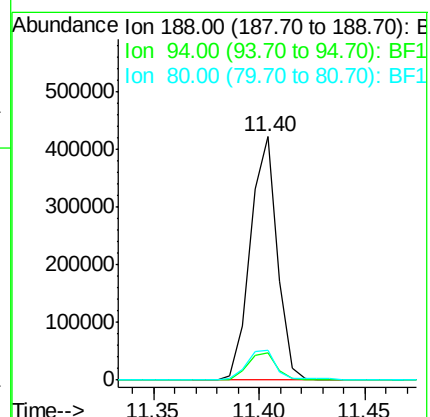
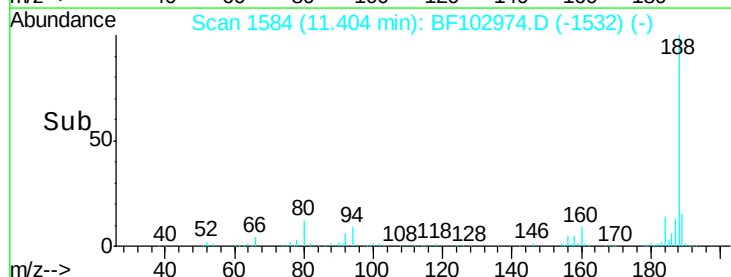
80 12.3 9.2 13.8

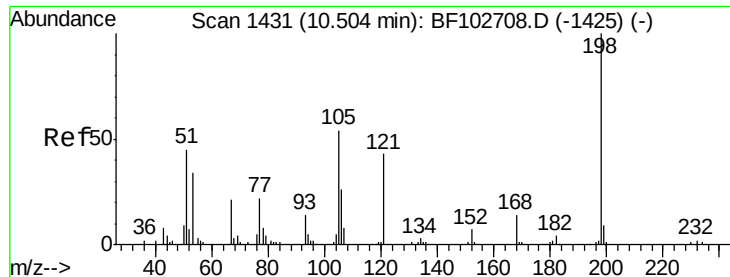


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 10.93 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

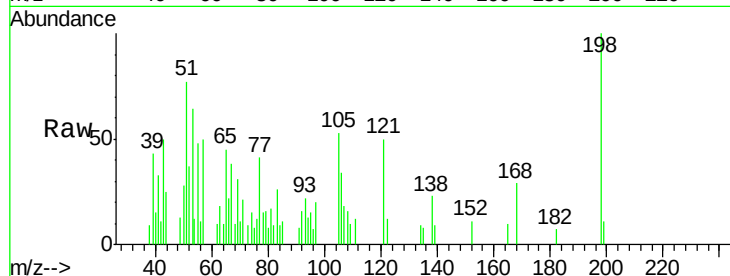
Tot Ion:198 Resp: 3585

Ion Ratio Lower Upper

198 100

51 77.0 37.7 77.7

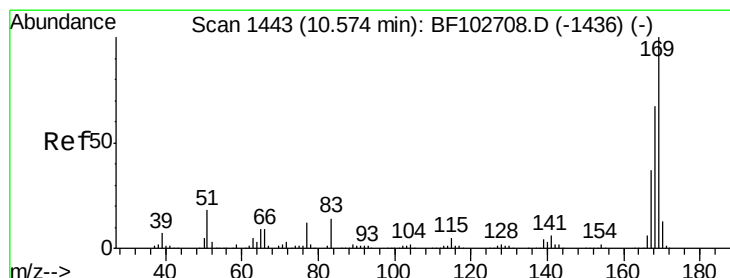
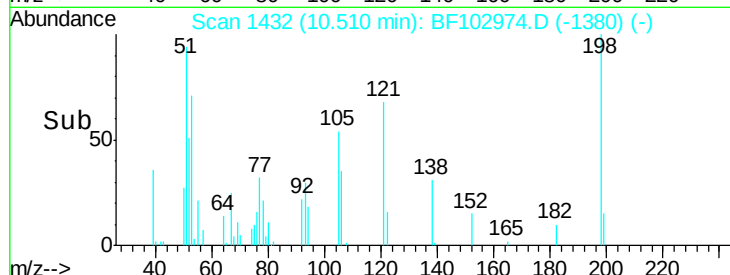
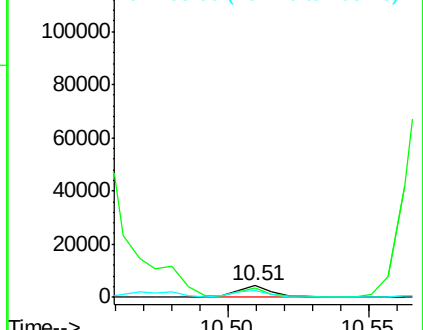
105 53.1 36.3 76.3



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



#65

n-Nitrosodiphenylamine

Concen: 34.34 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

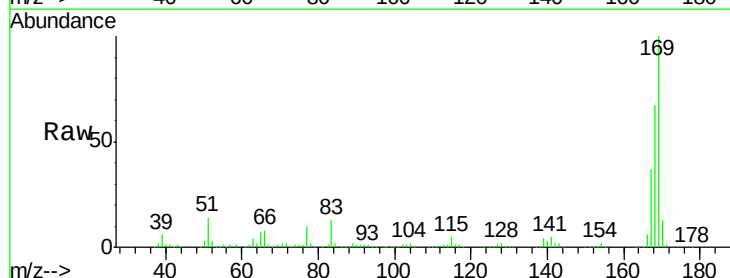
Tgt Ion:169 Resp: 448646

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

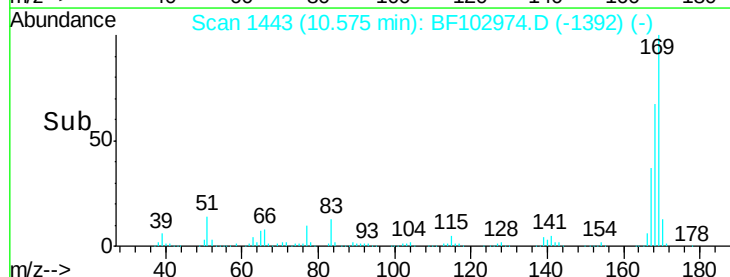
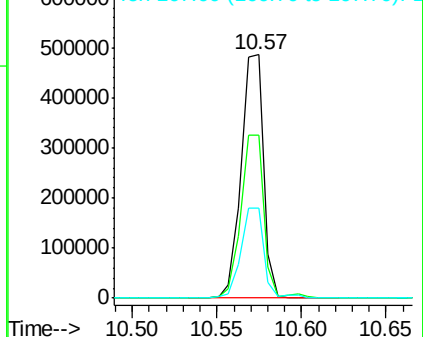
167 37.0 29.8 44.6

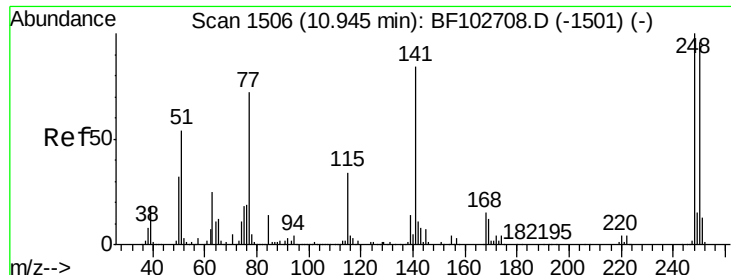


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

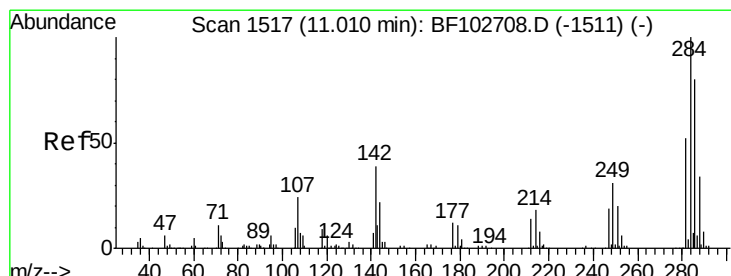
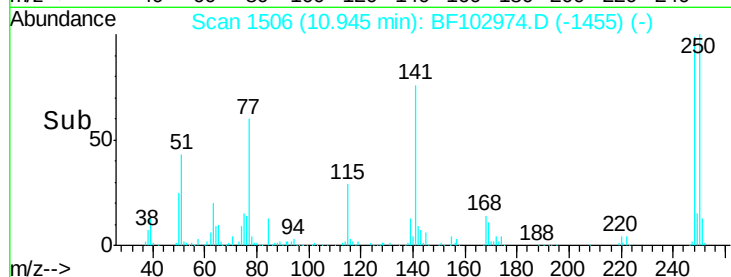
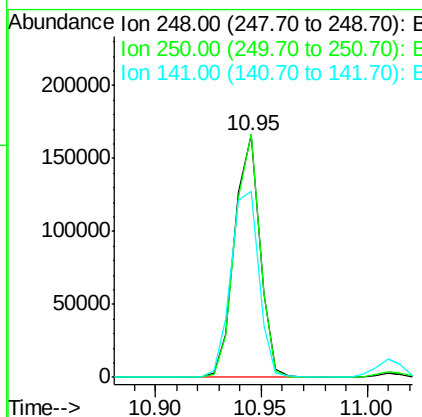
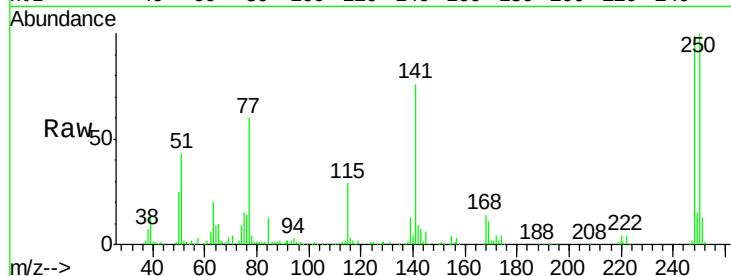




#66
4-Bromophenyl-phenylether
Concen: 35.01 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

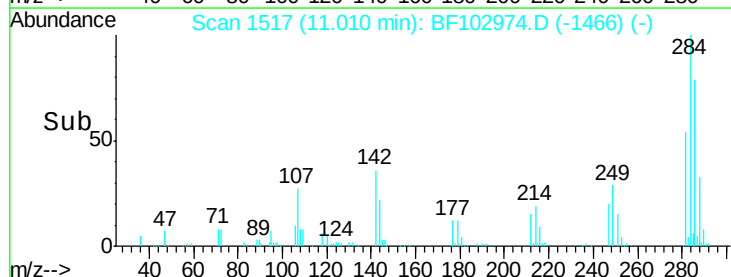
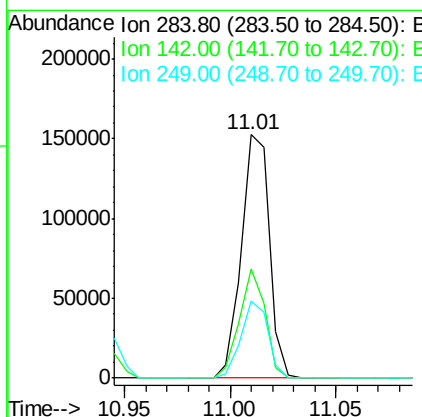
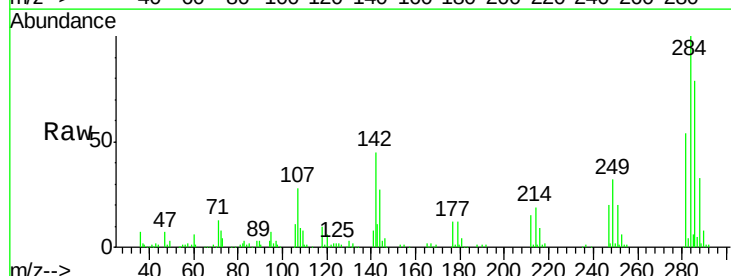
Instrument :
BNA_F
ClientSampleId :

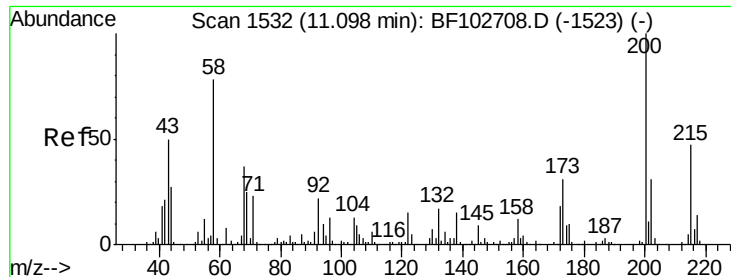
Tot Ion:248 Resp: 137187
Ion Ratio Lower Upper
248 100
250 100.7 76.9 115.3
141 77.0 74.4 111.6



#67
Hexachlorobenzene
Concen: 32.52 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion:284 Resp: 140563
Ion Ratio Lower Upper
284 100
142 44.7 34.6 52.0
249 31.6 24.8 37.2

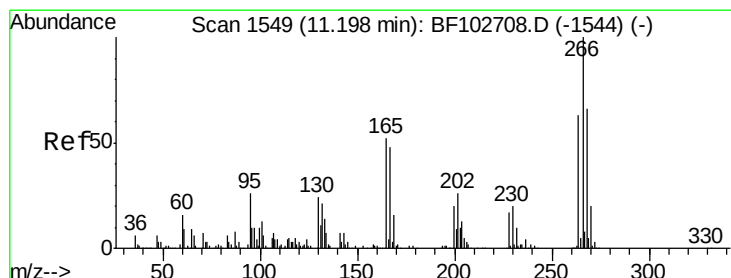
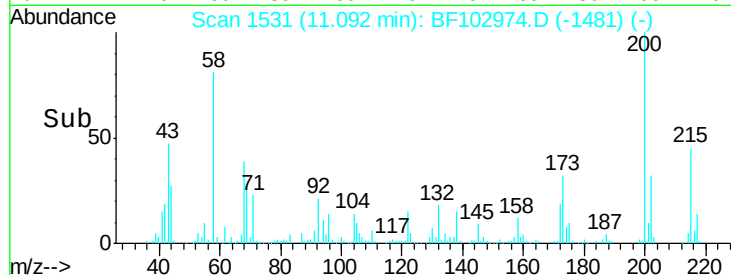
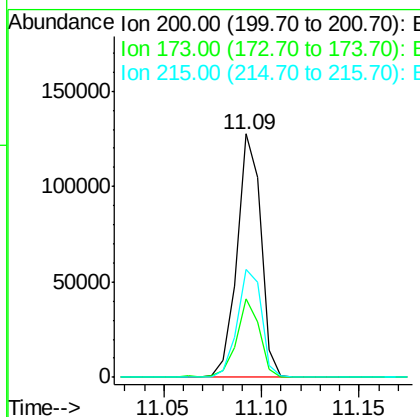
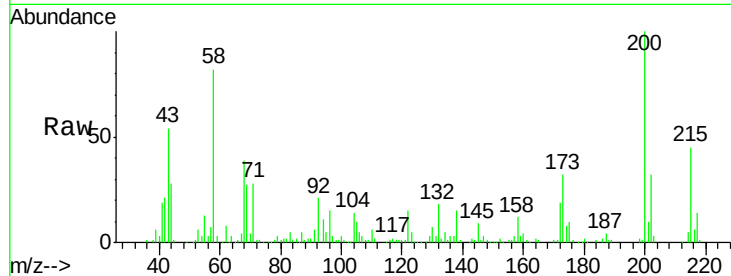




#68
Atrazine
Concen: 27.98 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

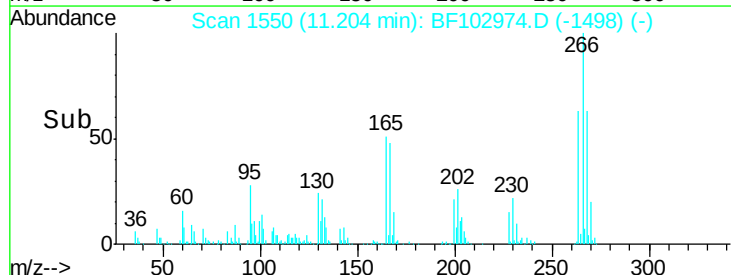
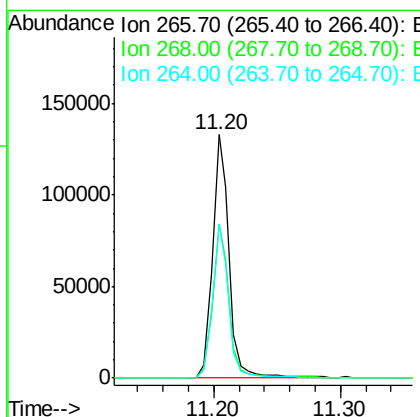
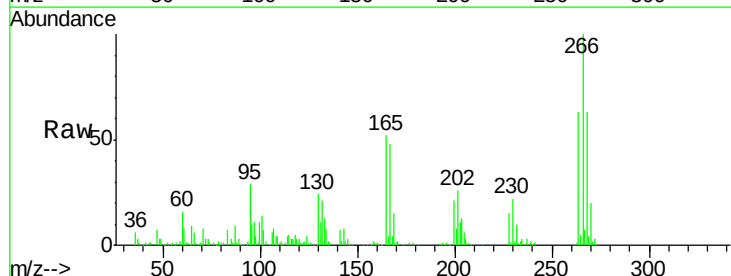
Instrument :
BNA_F
ClientSampled :

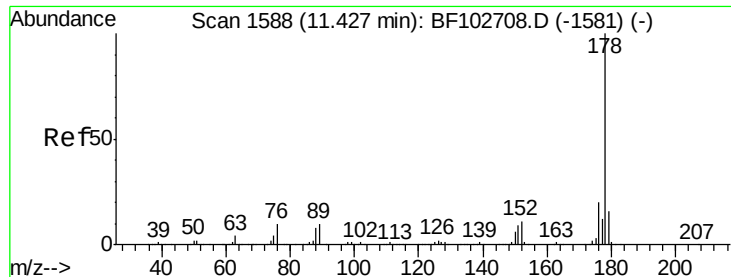
Tot Ion:200 Resp: 107871
Ion Ratio Lower Upper
200 100
173 32.1 8.6 48.6
215 44.5 25.1 65.1



#69
Pentachlorophenol
Concen: 48.42 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion:266 Resp: 122879
Ion Ratio Lower Upper
266 100
268 63.1 51.1 76.7
264 63.1 49.5 74.3

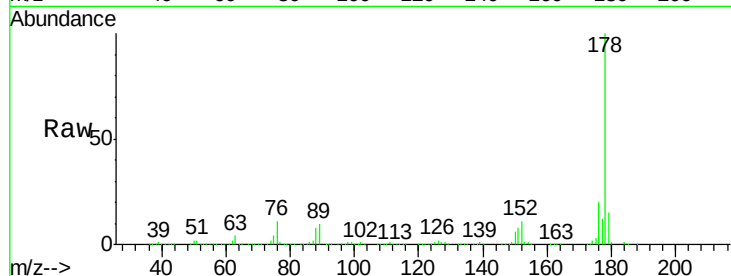




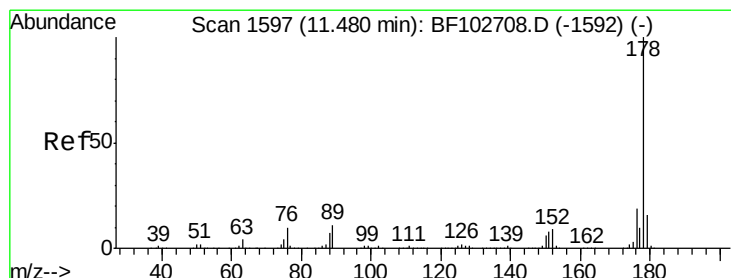
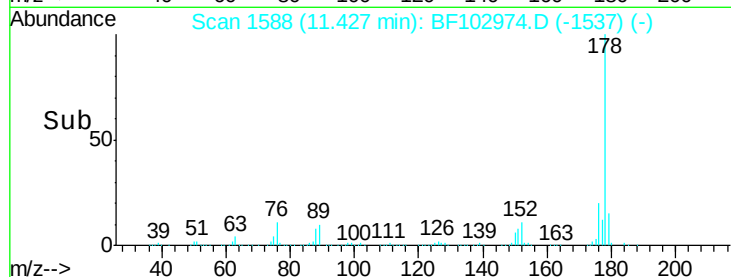
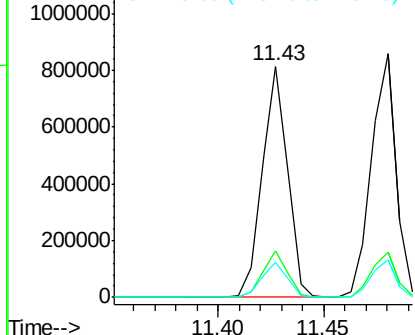
#70
Phenanthrene
Concen: 32.84 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 677528
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.2 13.0 19.6

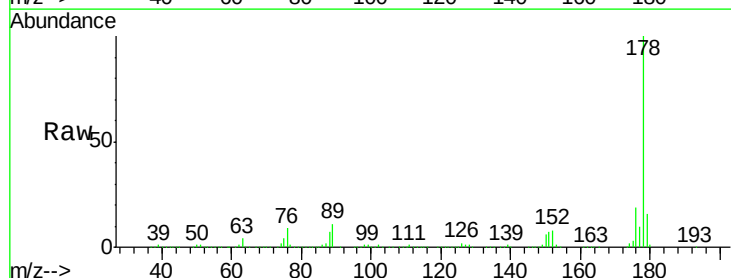


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

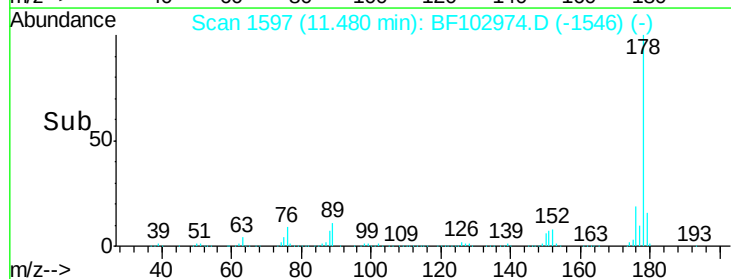
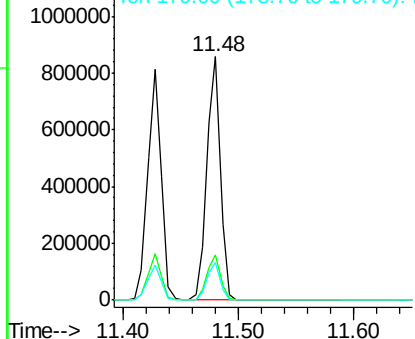


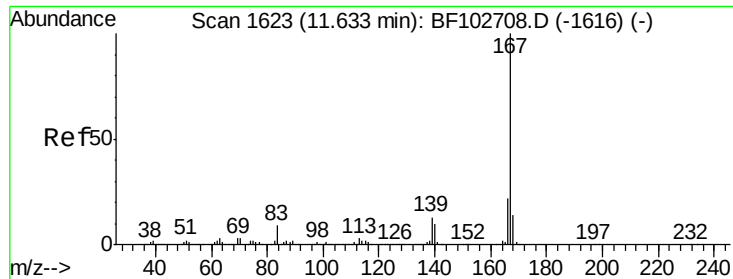
#71
Anthracene
Concen: 33.41 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion:178 Resp: 701122
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.6 12.6 19.0



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

Carbazole

Concen: 32.13 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

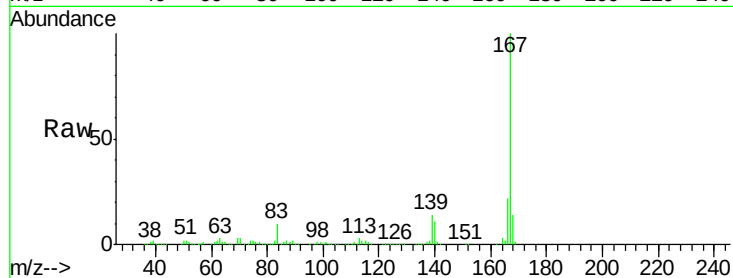
Tot Ion:167 Resp: 660611

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

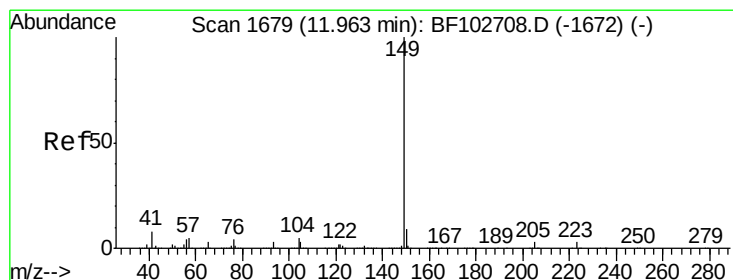
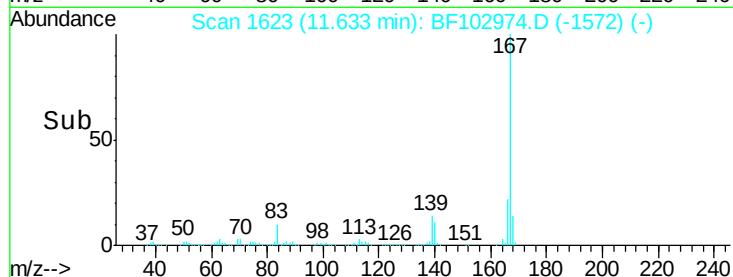
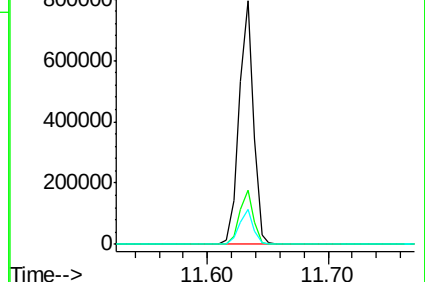
139 14.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.51 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

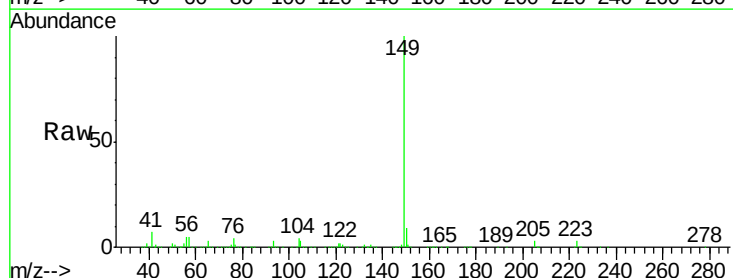
Tgt Ion:149 Resp: 911737

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

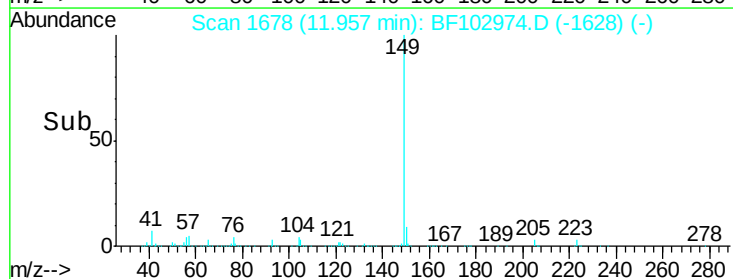
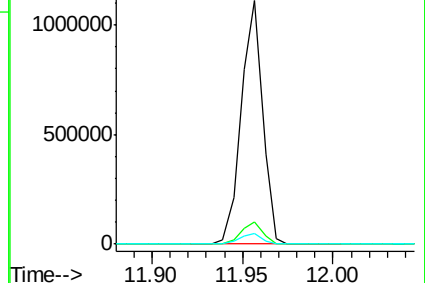
104 4.5 3.8 5.8

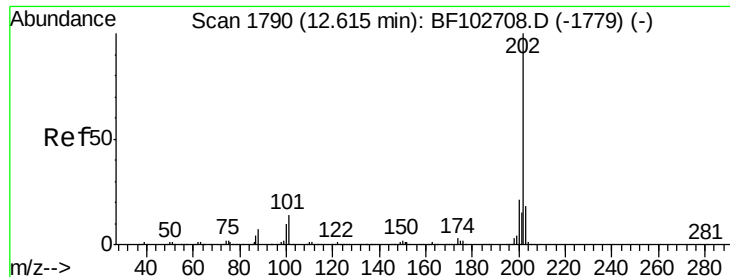


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

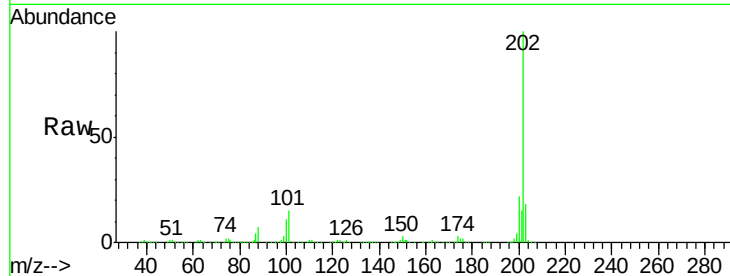




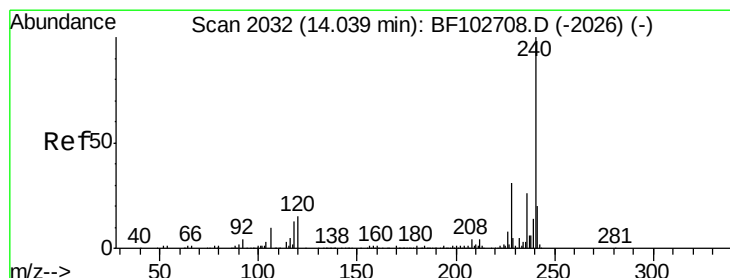
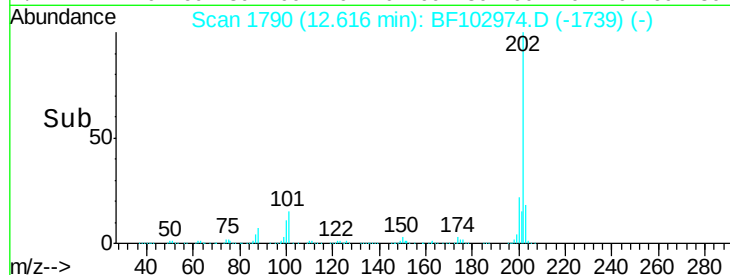
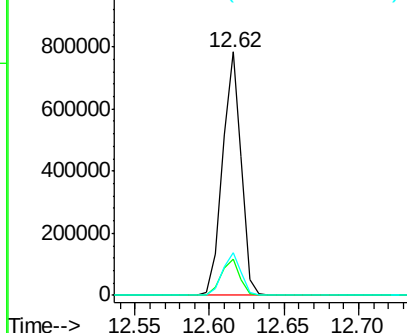
#74
Fluoranthene
Concen: 33.27 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.7	0.0	38.1

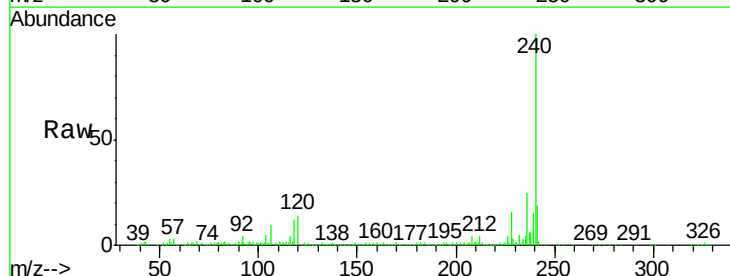


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

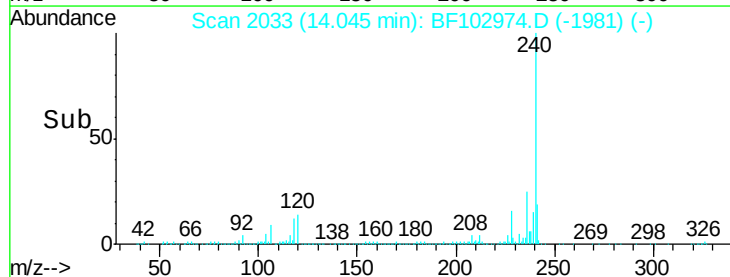
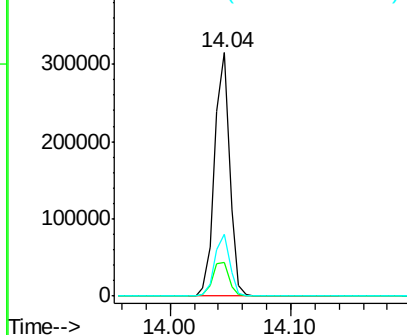


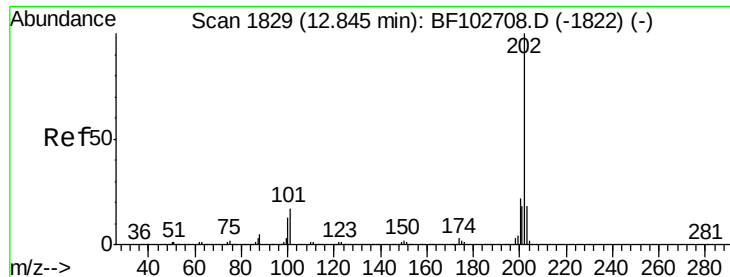
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.5	20.7	31.1



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

Pvrene

Concen: 33.47 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

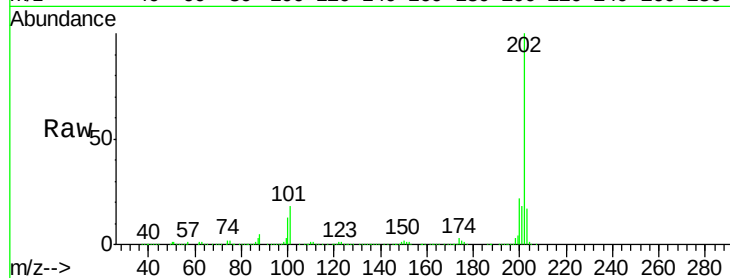
Tot Ion:202 Resp: 707454

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

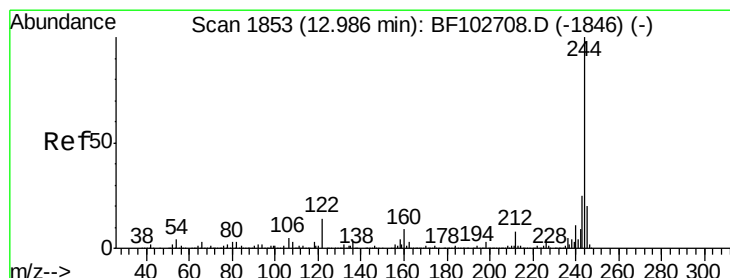
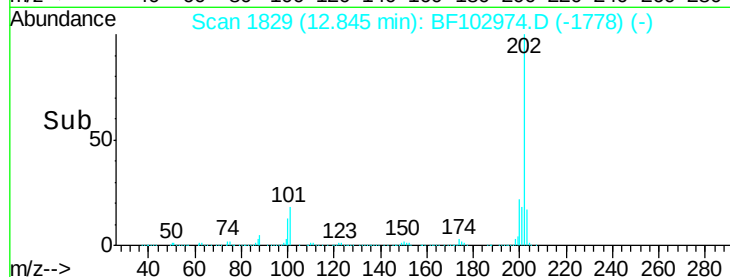
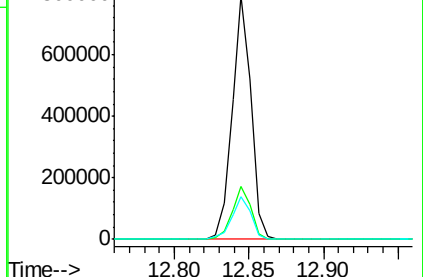
203 17.5 14.3 21.5



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



#78

Terphenyl-d14

Concen: 94.47 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

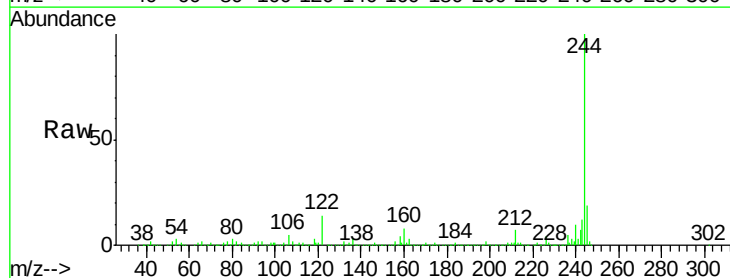
Tgt Ion:244 Resp: 1075301

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

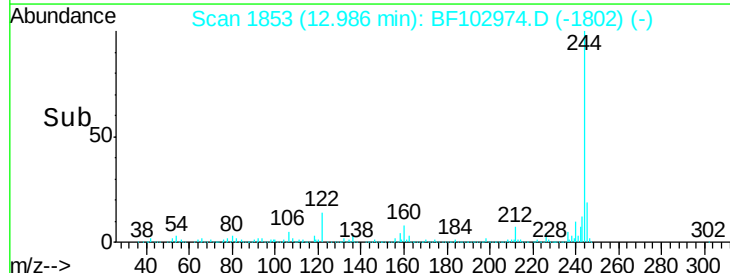
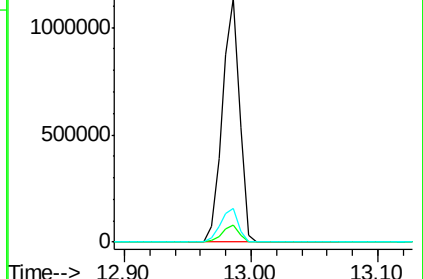
122 13.8 11.0 16.4

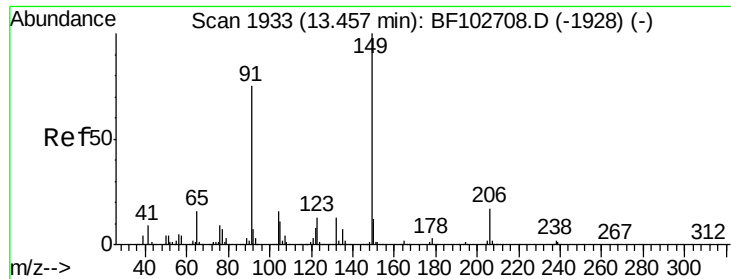


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

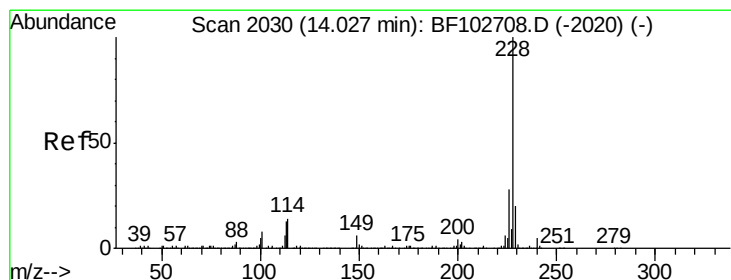
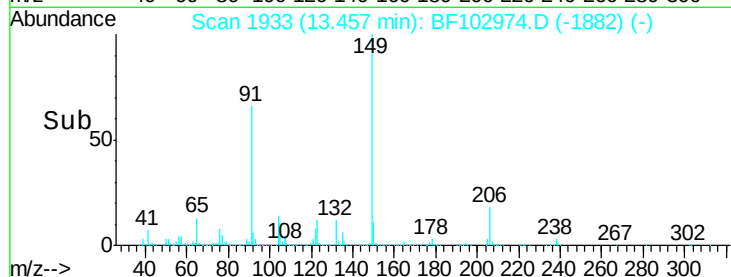
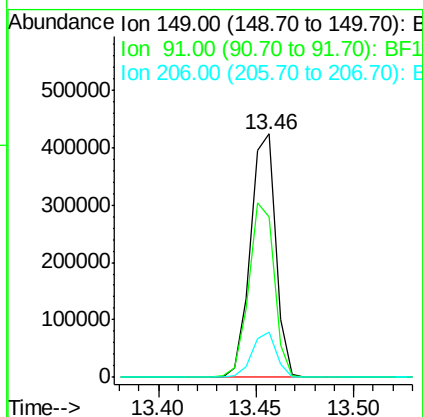
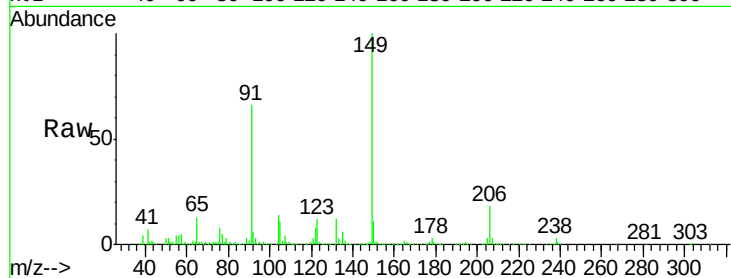




#79
Butylbenzylphthalate
Concen: 37.88 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

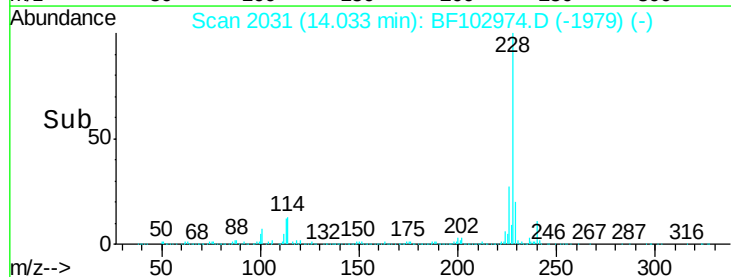
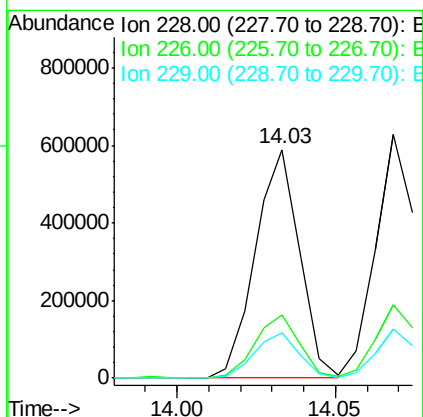
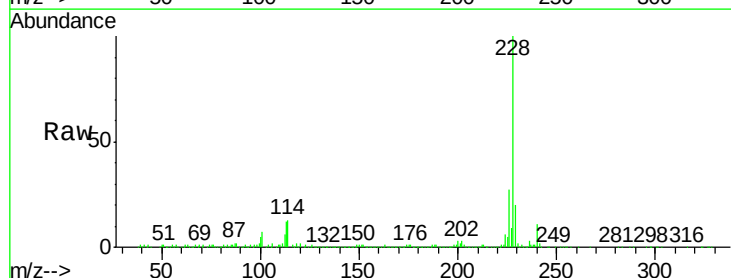
Instrument :
BNA_F
ClientSampleId :

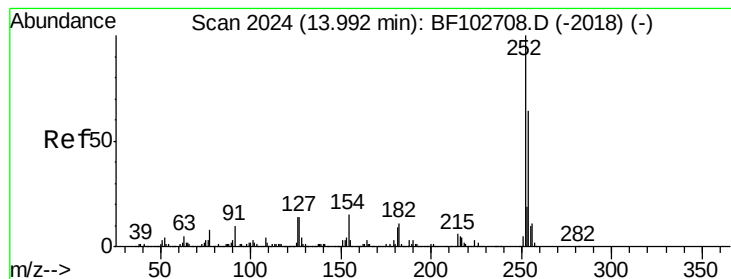
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	56.8	85.2
206	18.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 33.64 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF102974.D
Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.0	15.8	23.6

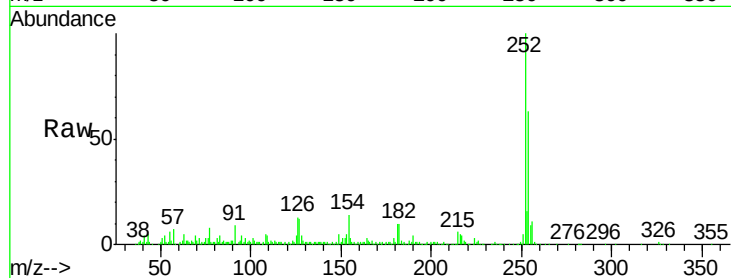




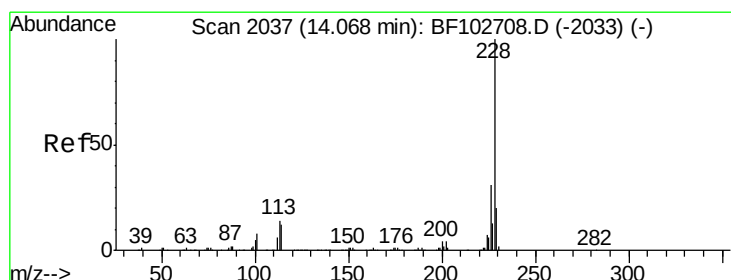
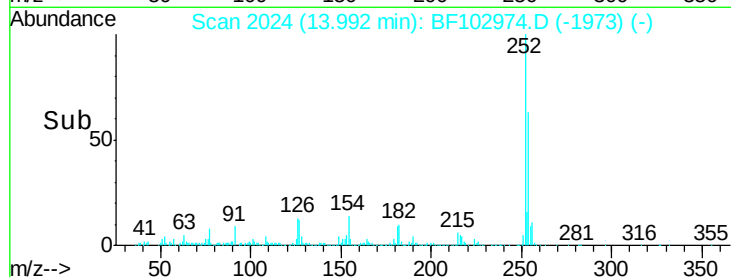
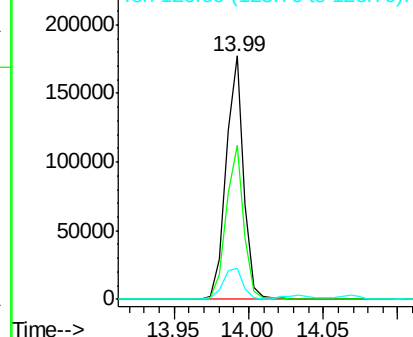
#81
 3,3'-Dichlorobenzidine
 Concen: 23.45 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 147407
 Ion Ratio Lower Upper
 252 100
 254 63.0 50.4 75.6
 126 12.9 11.3 16.9

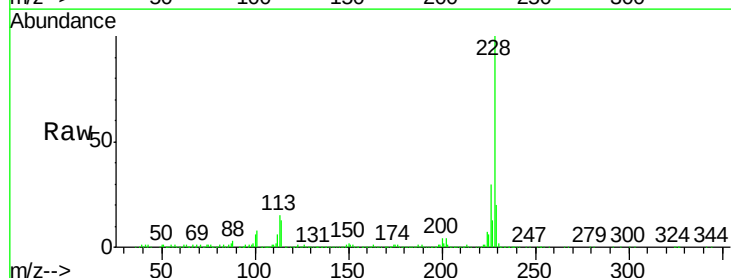


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

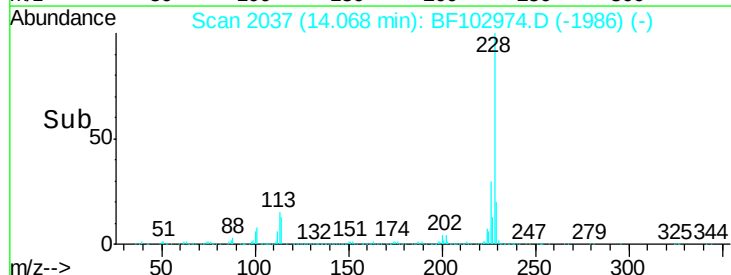
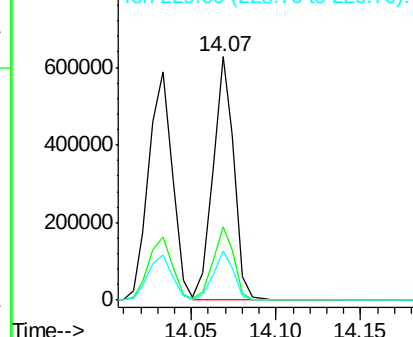


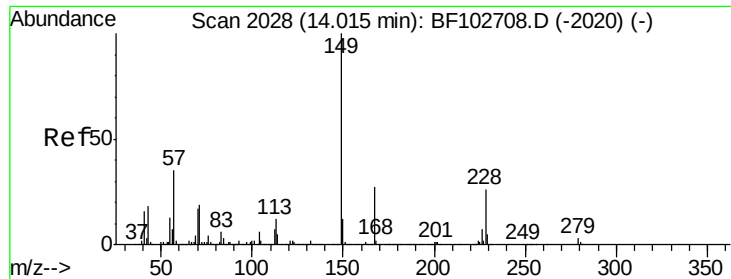
#82
 Chrysene
 Concen: 31.59 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion:228 Resp: 539830
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 20.2 16.2 24.4



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

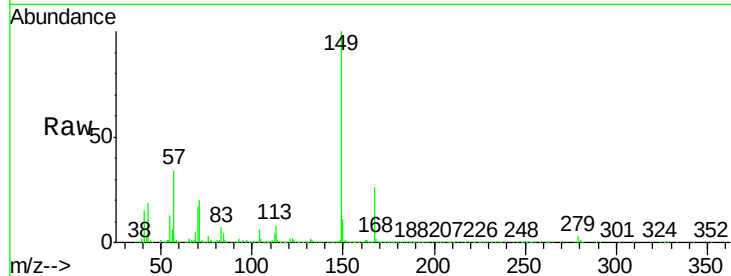




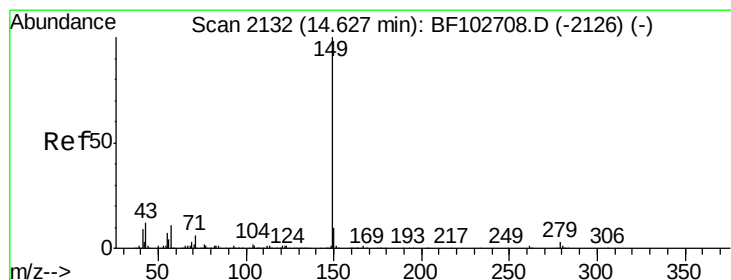
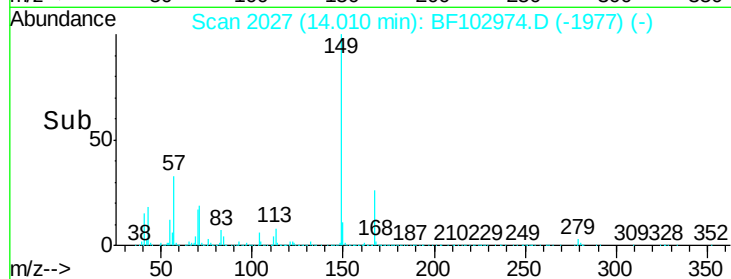
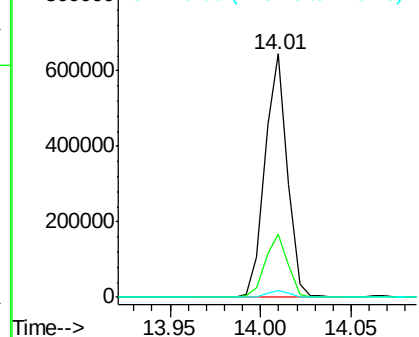
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.36 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 548415
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 2.9 3.0 4.4#

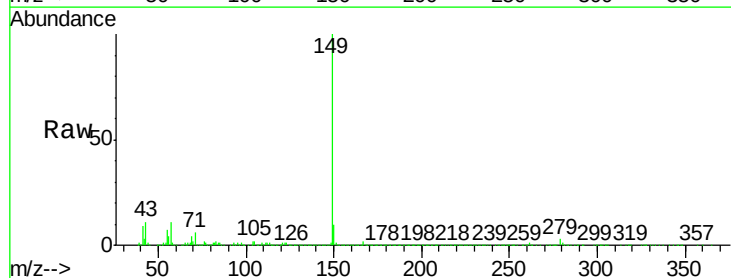


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

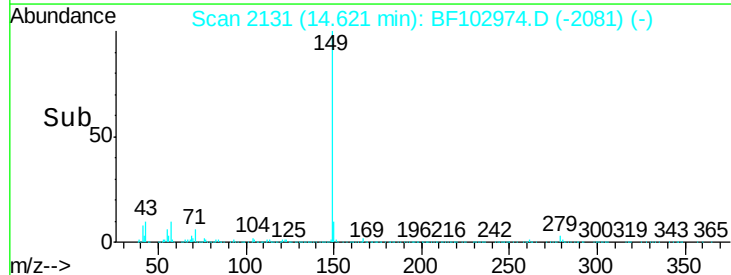
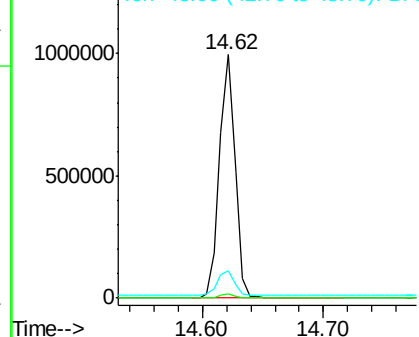


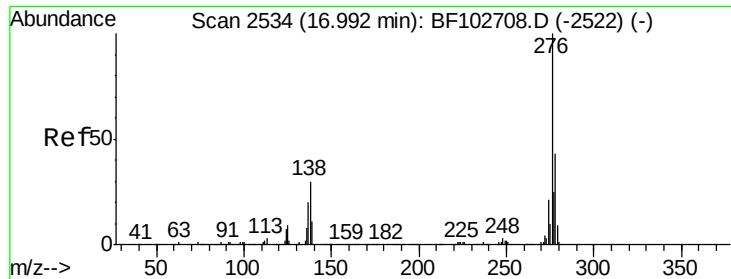
#84
 Di-n-octyl phthalate
 Concen: 44.96 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion:149 Resp: 874044
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.4 8.4 12.6



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

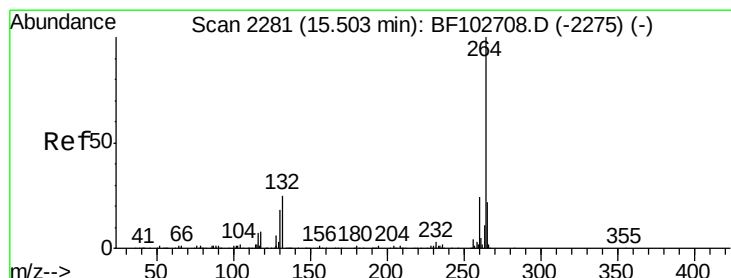
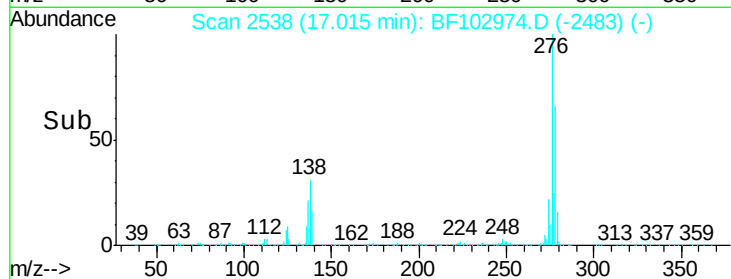
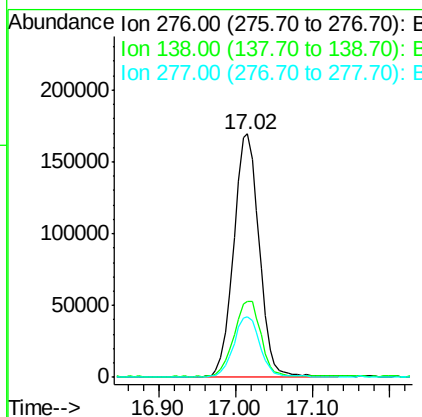
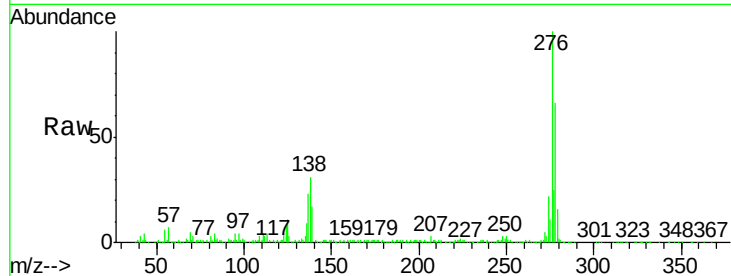




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.98 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. 0.02 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

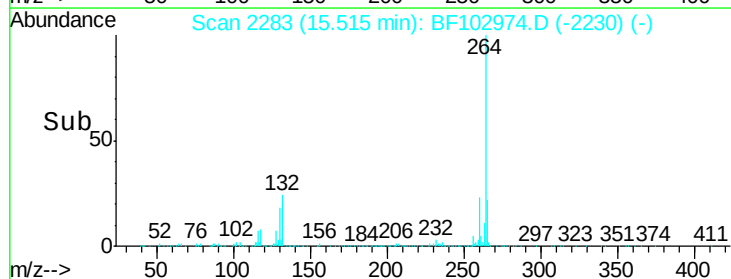
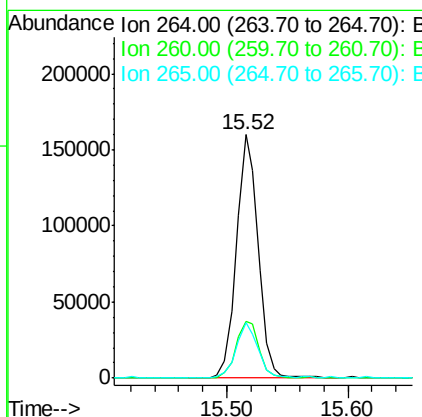
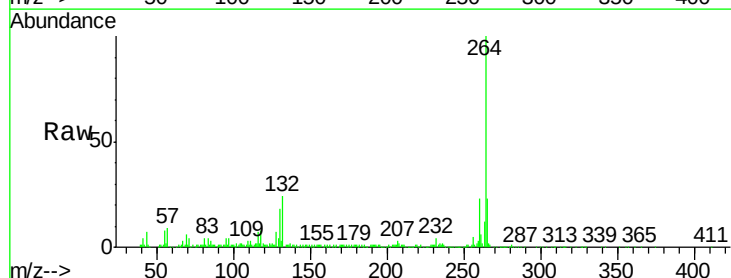
Instrument :
 BNA_F
 ClientSampleId :

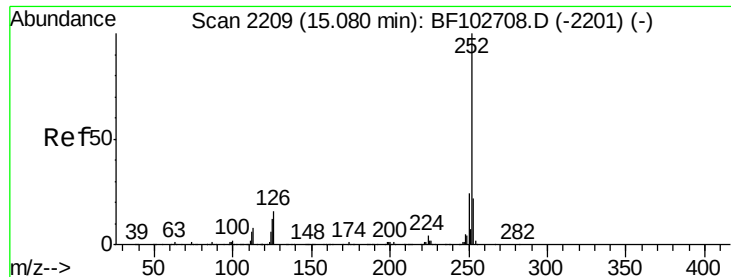
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.01 min
 Lab File: BF102974.D
 Acq: 13 Feb 2018 20:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 33.96 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

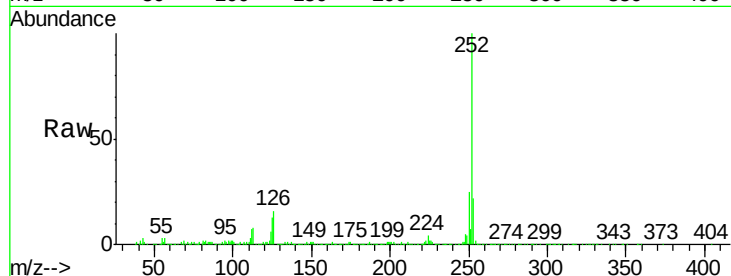
Tot Ion:252 Resp: 442203

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

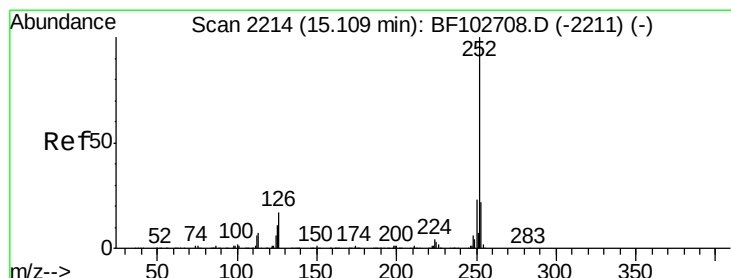
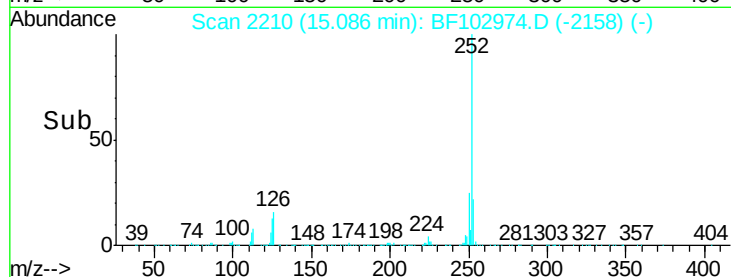
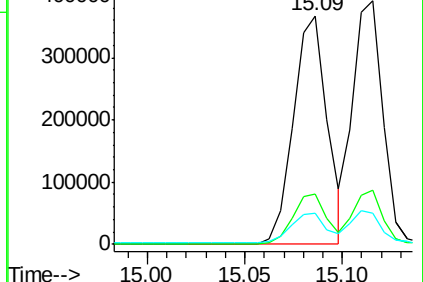
125 13.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.92 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

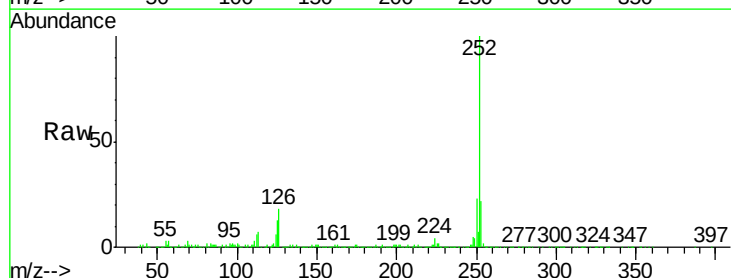
Tgt Ion:252 Resp: 422040

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

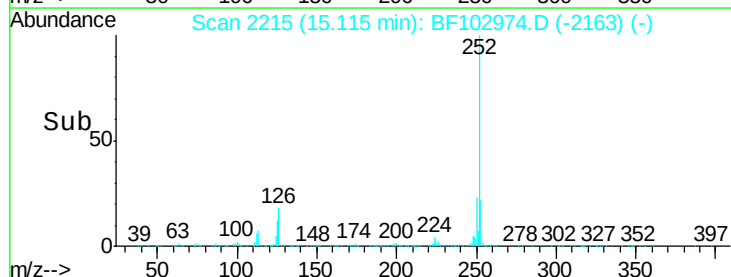
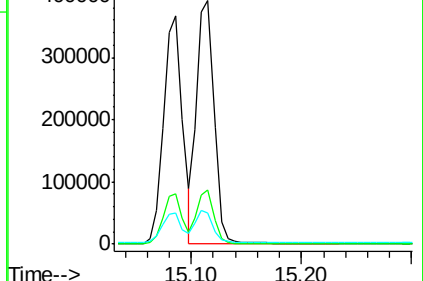
125 12.8 10.2 15.2

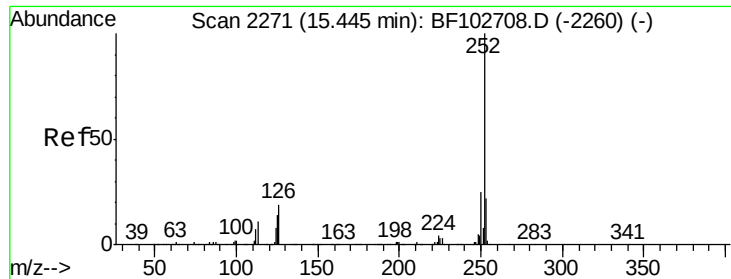


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 33.67 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

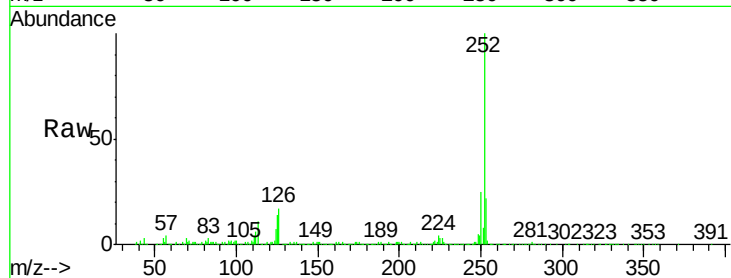
Tot Ion:252 Resp: 394649

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

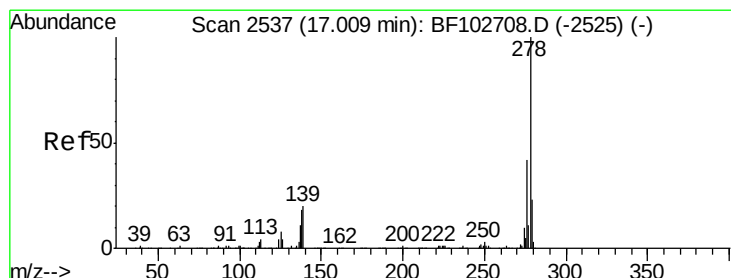
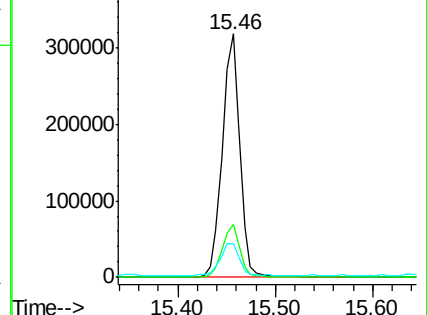
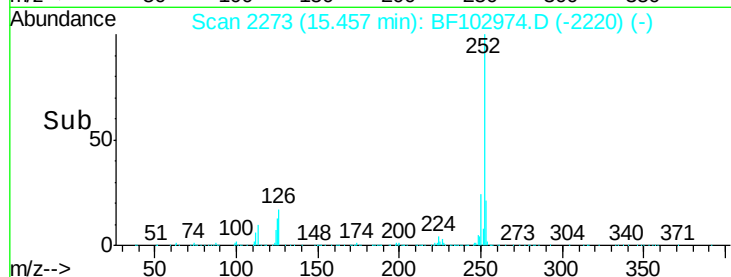
125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.34 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.02 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

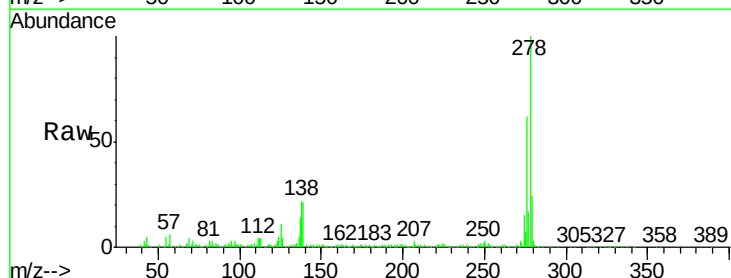
Tgt Ion:278 Resp: 336180

Ion Ratio Lower Upper

278 100

139 20.8 15.9 23.9

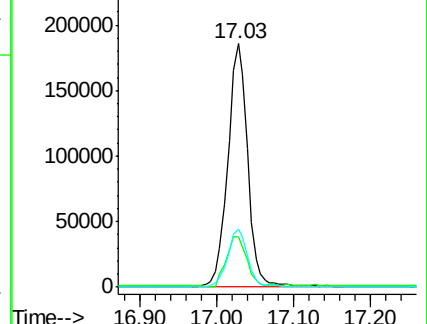
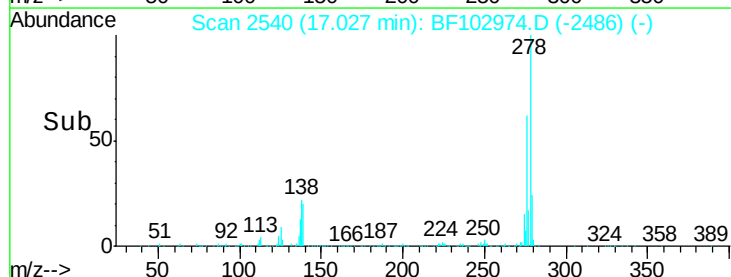
279 23.8 19.0 28.4

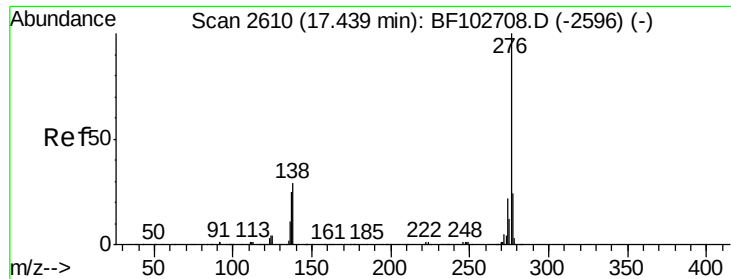


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.56 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.03 min

Lab File: BF102974.D

Acq: 13 Feb 2018 20:55

Instrument :

BNA_F

ClientSampleId :

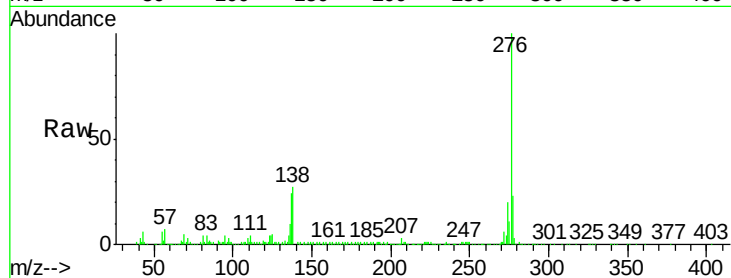
Tot Ion:276 Resp: 331172

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 26.9 21.8 32.8



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

