

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099074.D
 Acq On : 4 Oct 2017 18:38
 Operator : SJ/JU
 Sample : I5526-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 01:09:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139828	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	176249	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	258508	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	400289	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	258565	20.00	ng	-0.06
86) Perylene-d12	15.50	264	224799	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	336177	38.27	ng	-0.04
7) Phenol-d6	6.50	99	304740	28.12	ng	-0.05
23) Nitrobenzene-d5	7.44	82	652508	237.42	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	202701	95.83	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1181666	76.31	ng	-0.05
78) Terphenyl-d14	12.98	244	916441	80.61	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	14292	3.41	ng	# 96
6) Aniline	6.53	93	109372	7.48	ng	97
9) Benzaldehyde	6.42	77	71598	11.39	ng	# 1
10) Phenol	6.52	94	55119	4.55	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	109372	11.61	ng	# 24
15) Benzyl Alcohol	7.02	79	26330	3.31	ng	87
17) 2-Methylphenol	7.12	107	29288	3.60	ng	# 77
18) Hexachloroethane	7.40	117	79278	20.81	ng	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	82497	11.92	ng	# 79
20) 3+4-Methylphenols	7.27	107	57663	5.60	ng	91
22) Acetophenone	7.26	105	46558	10.90	ng	# 62
24) Nitrobenzene	7.43	77	25548	8.19	ng	# 1
25) Isophorone	7.89	82	19105	3.36	ng	# 1
27) 2,4-Dimethylphenol	7.83	122	92596	32.71	ng	88
28) bis(2-Chloroethoxy)methane	7.90	93	10086	2.85	ng	# 1
31) Naphthalene	8.19	128	17201075	2077.99	ng	97
32) Benzoic acid	7.95	122	10280	4.42	ng	# 1
33) 4-Chloroaniline	8.19	127	2522361	729.68	ng	# 34
37) 2-Methylnaphthalene	8.87	142	1965890	365.32	ng	98
45) 1,1'-Biphenyl	9.33	154	955774	43.02	ng	99
48) Acenaphthylene	9.76	152	95282	3.73	ng	# 82
49) Dimethylphthalate	9.62	163	135626	6.95	ng	99
51) Acenaphthene	9.95	154	1650619	102.04	ng	99
52) 3-Nitroaniline	9.83	138	11664	2.36	ng	# 14
53) 2,4-Dinitrophenol	9.87	184	302	5.95	ng	# 1
54) Dibenzofuran	10.12	168	1813619	84.21	ng	99
55) 4-Nitrophenol	10.12	139	695544	166.08	ng	# 10
56) 2,4-Dinitrotoluene	10.06	165	19342	3.51	ng	# 69
57) Fluorene	10.46	166	871512	50.34	ng	98
61) 4-Nitroaniline	10.46	138	10472	2.19	ng	# 69
62) Azobenzene	10.57	77	36080	2.06	ng	# 55
64) 4,6-Dinitro-2-methylphenol	10.52	198	5939	2.44	ng	# 1
65) n-Nitrosodiphenylamine	10.59	169	37498	2.70	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	13561	3.46	ng	# 1

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099074.D
Acq On : 4 Oct 2017 18:38
Operator : SJ/JU
Sample : I5526-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 05 01:09:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

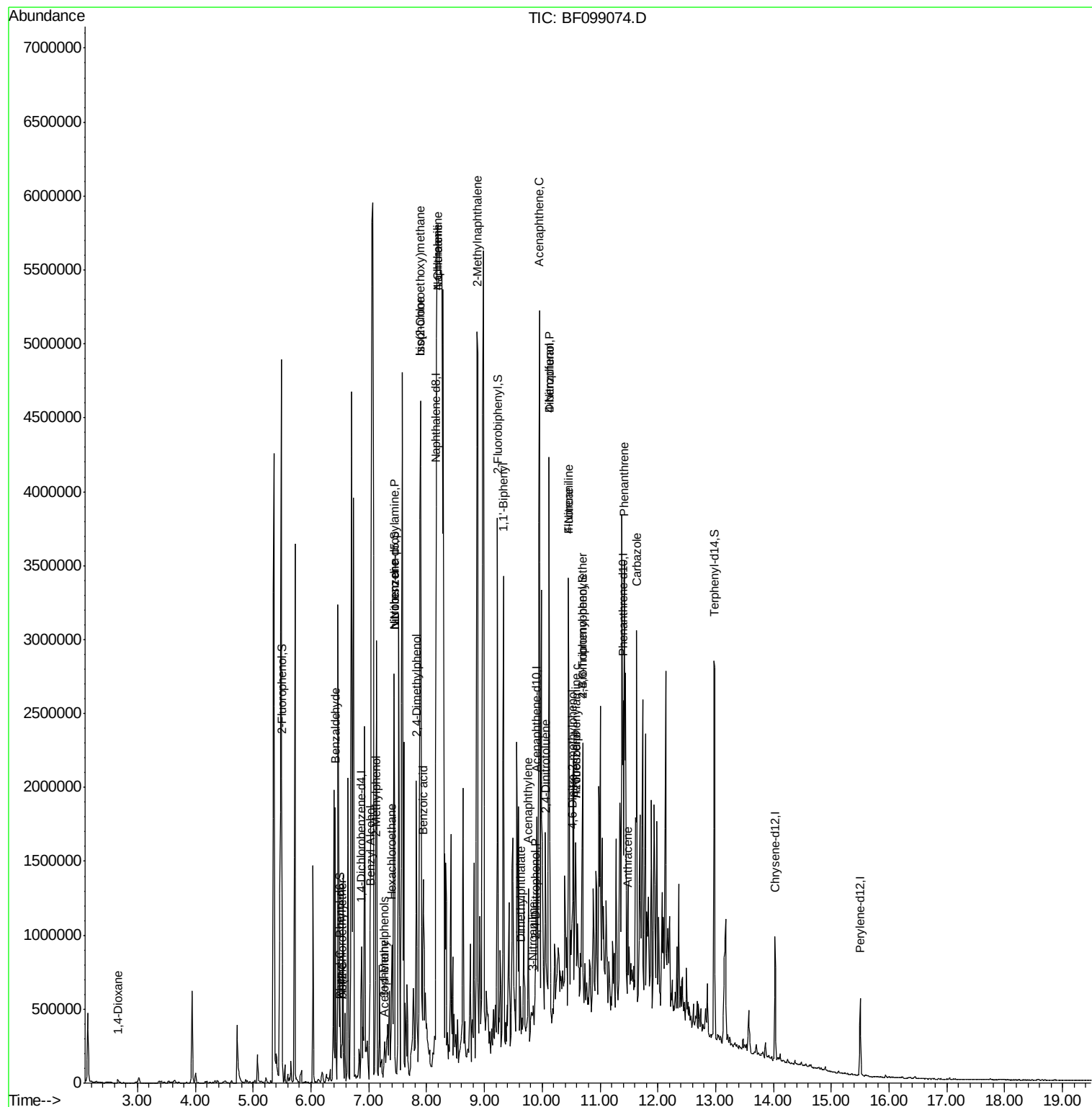
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Phenanthrene	11.42	178	954362	44.54	nq	100
71) Anthracene	11.47	178	64067	2.92	nq	96
72) Carbazole	11.63	167	805055	37.50	nq	99

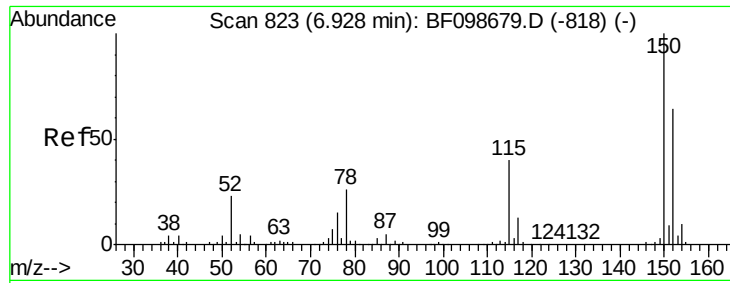
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099074.D
Acq On : 4 Oct 2017 18:38
Operator : SJ/JU
Sample : I5526-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 05 01:09:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Instrument :

BNA_F

ClientSampled :

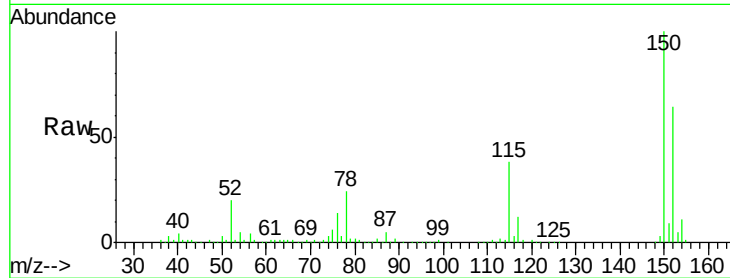
Tot Ion:152 Resp: 139828

Ion Ratio Lower Upper

152 100

150 156.9 124.6 186.8

115 60.3 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

300000

250000

200000

150000

100000

50000

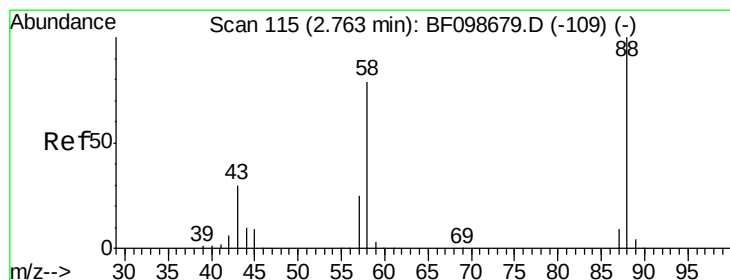
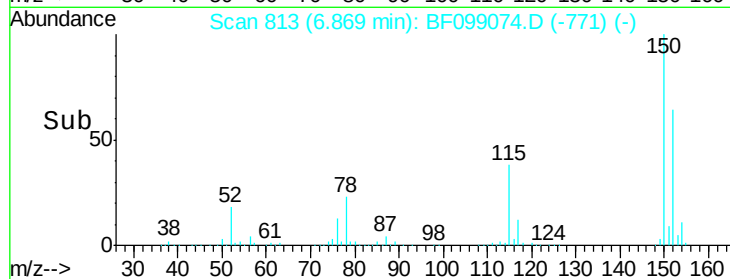
0

6.85

6.87

6.90

Time-->



#2

1,4-Dioxane

Concen: 3.41 ng

RT: 2.66 min Scan# 97

Delta R.T. -0.10 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

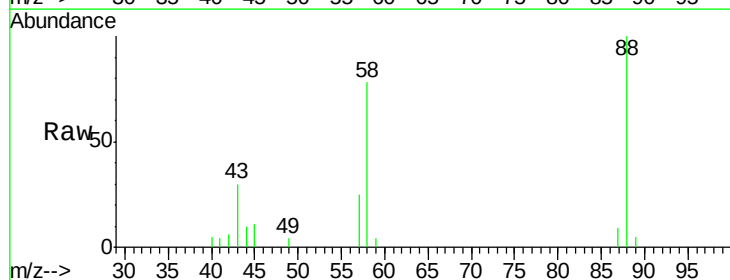
Tgt Ion: 88 Resp: 14292

Ion Ratio Lower Upper

88 100

58 78.5 62.6 93.8

43 38.4 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

12000

10000

8000

6000

4000

2000

0

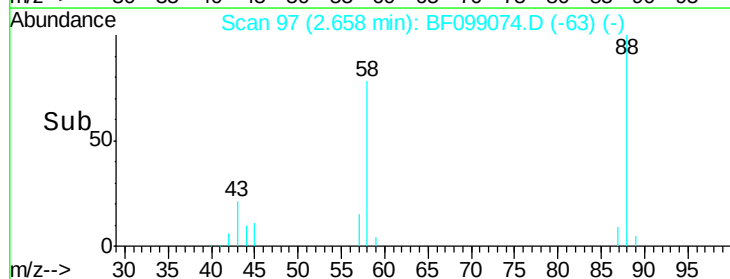
2.60

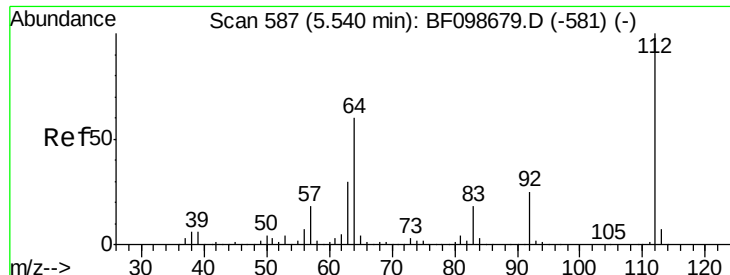
2.65

2.70

2.75

Time-->





#5

2-Fluorophenol

Concen: 38.27 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.04 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Instrument :

BNA_F

ClientSampled :

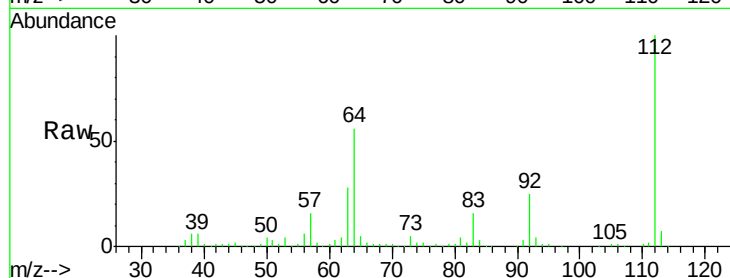
Tot Ion: 112 Resp: 336177

Ion Ratio Lower Upper

112 100

64 56.2 47.9 71.9

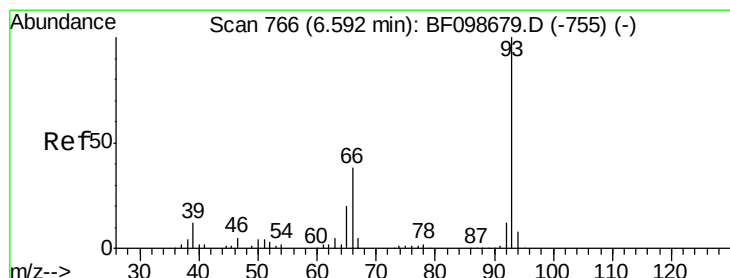
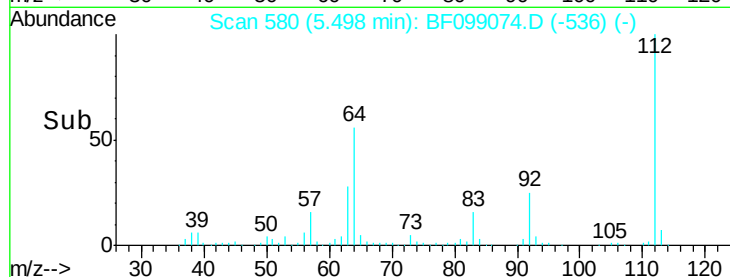
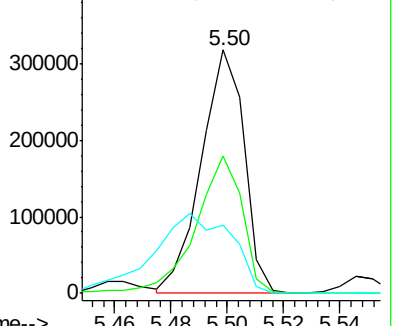
63 28.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.48 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

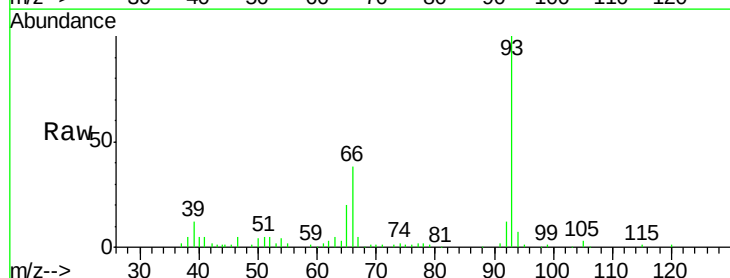
Tgt Ion: 93 Resp: 109372

Ion Ratio Lower Upper

93 100

66 37.6 32.2 48.2

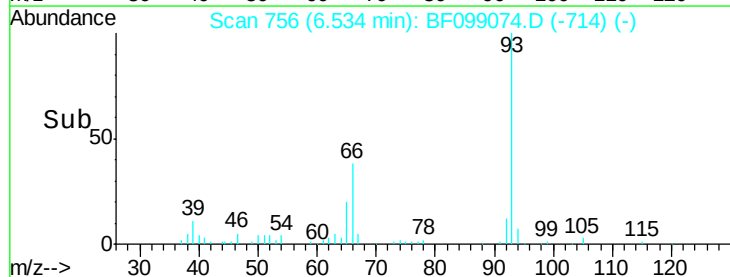
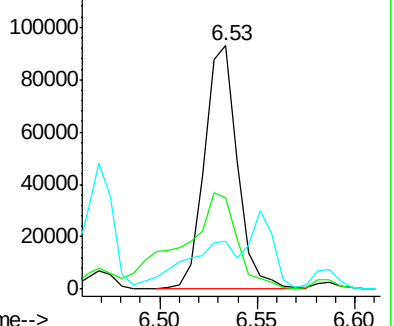
65 19.8 16.4 24.6

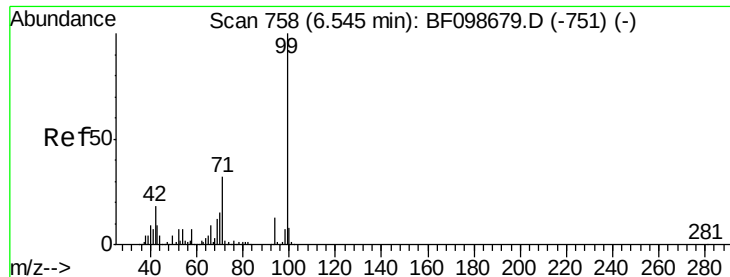


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 28.12 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

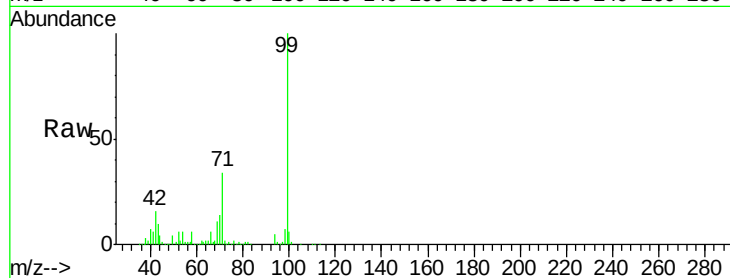
Tot Ion: 99 Resp: 304740

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

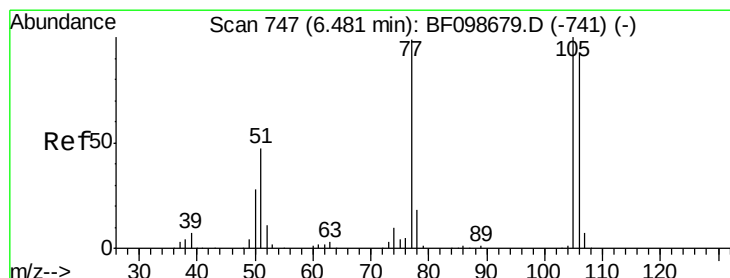
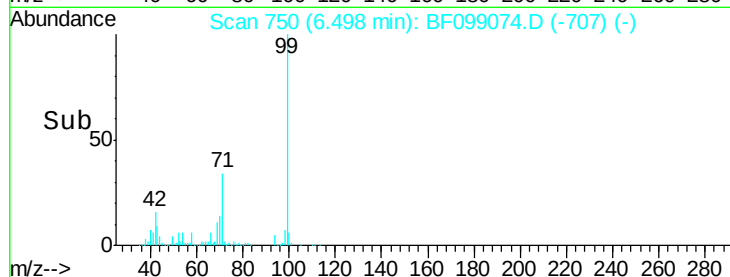
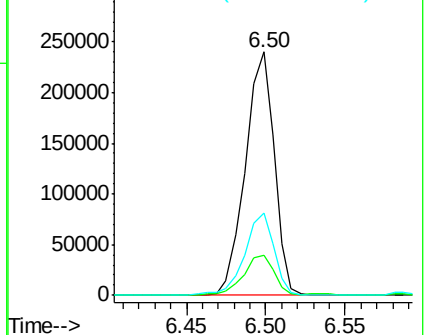
71 33.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 11.39 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

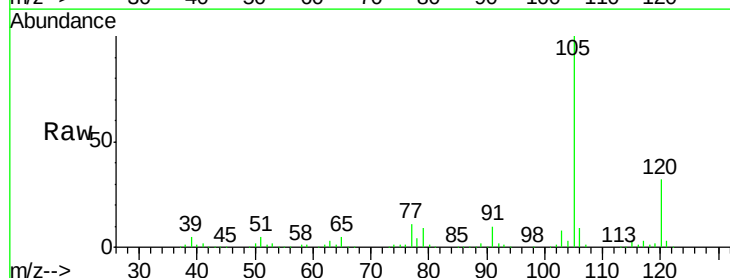
Tgt Ion: 77 Resp: 71598

Ion Ratio Lower Upper

77 100

105 896.4 81.1 121.1#

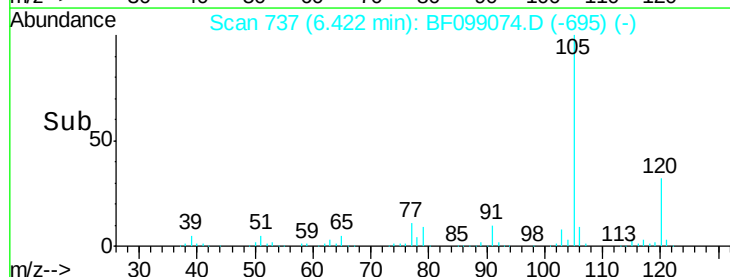
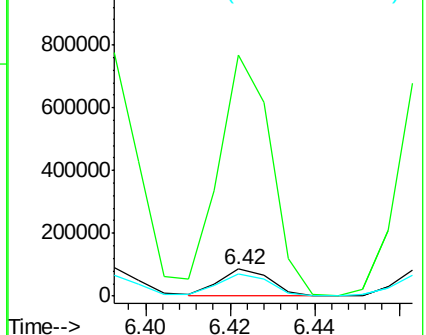
106 82.5 74.5 114.5

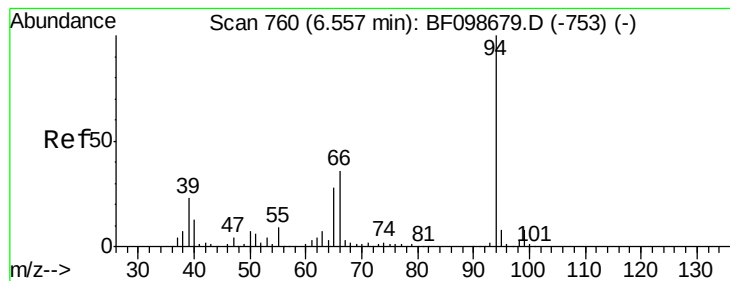


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.55 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.04 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

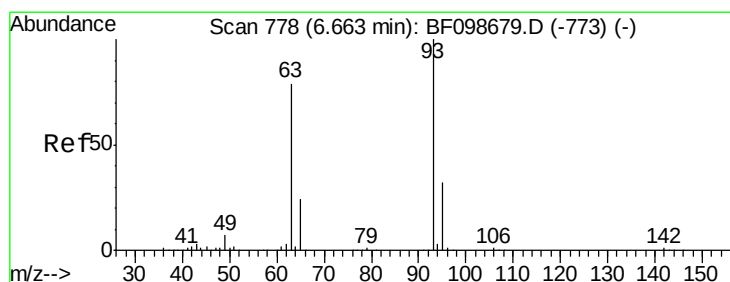
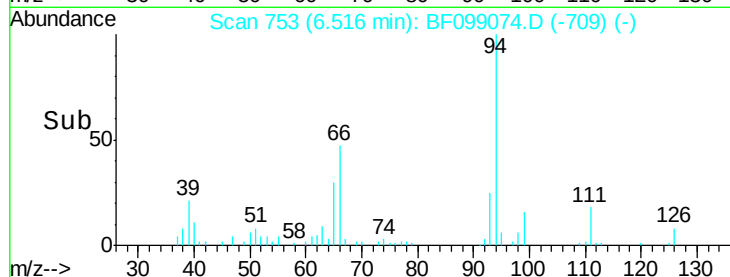
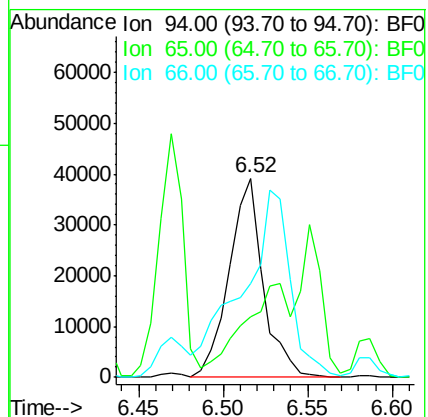
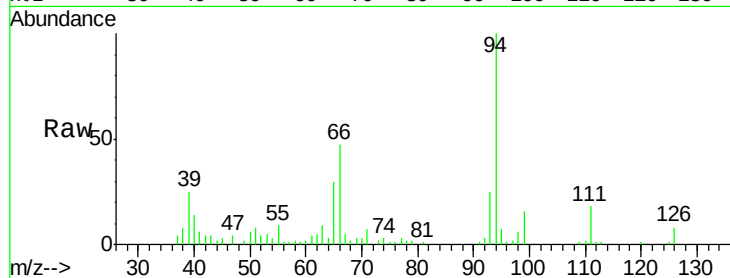
Tot Ion: 94 Resp: 55119

Ion Ratio Lower Upper

94 100

65 30.4 7.9 47.9

66 47.1 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 11.61 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.12 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

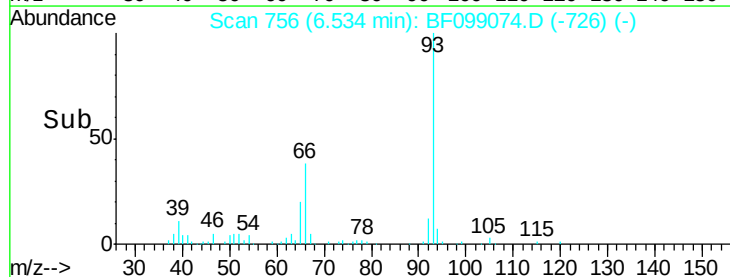
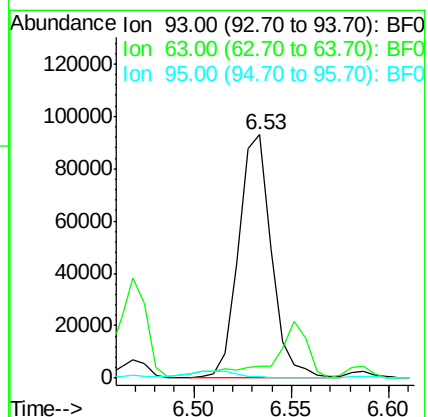
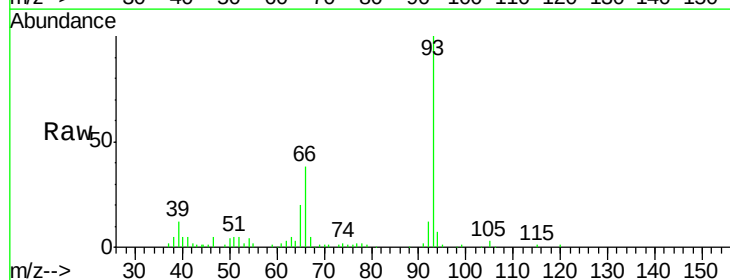
Tgt Ion: 93 Resp: 109372

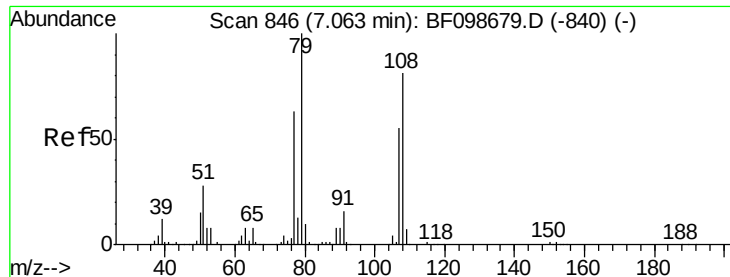
Ion Ratio Lower Upper

93 100

63 5.2 58.6 98.6#

95 0.5 11.8 51.8#





#15

Benzyl Alcohol

Concen: 3.31 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.05 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Instrument :

BNA_F

ClientSampled :

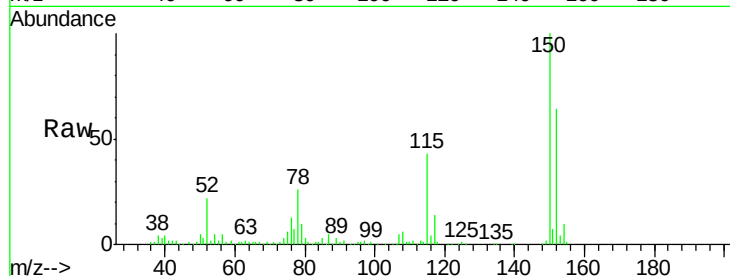
Tot Ion: 79 Resp: 26330

Ion Ratio Lower Upper

79 100

108 66.8 65.1 97.7

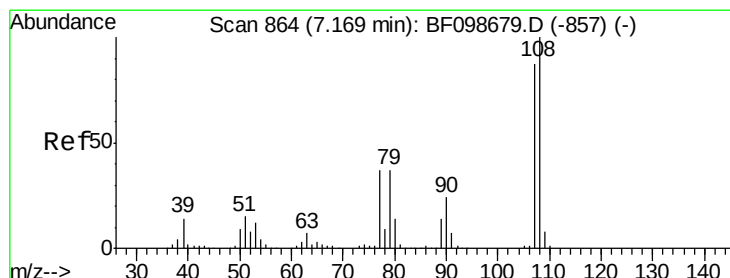
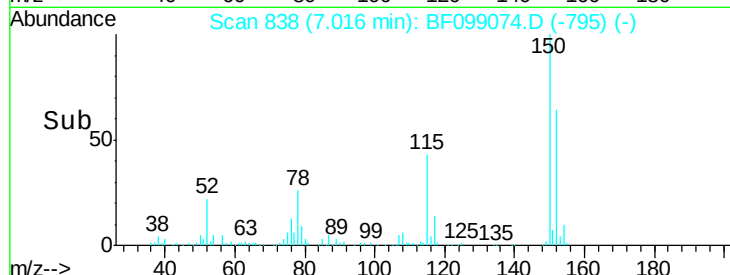
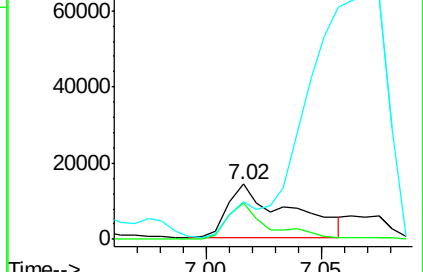
77 69.4 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#17

2-Methylphenol

Concen: 3.60 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.05 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Tgt Ion: 107 Resp: 29288

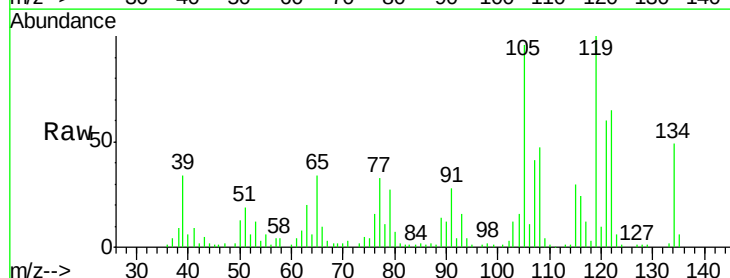
Ion Ratio Lower Upper

107 100

108 116.0 91.7 137.5

77 82.1 33.8 50.8#

79 67.7 33.8 50.8#

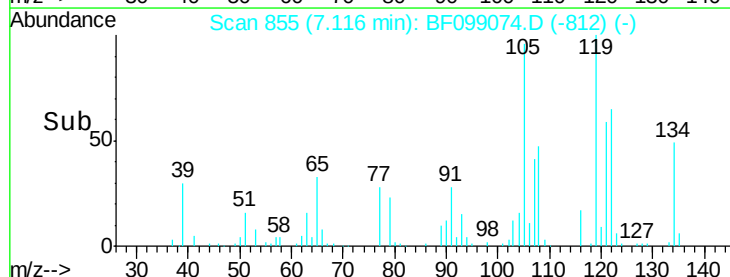
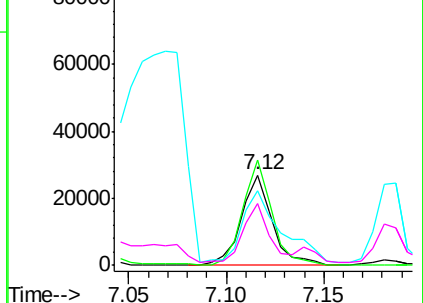


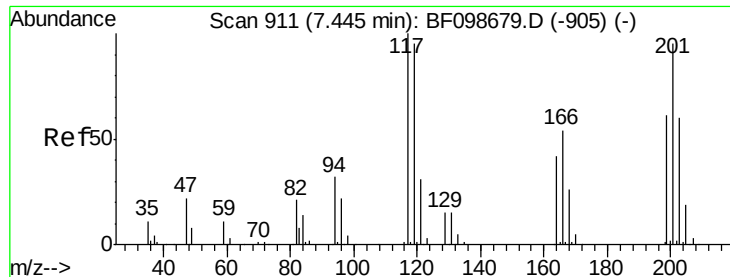
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

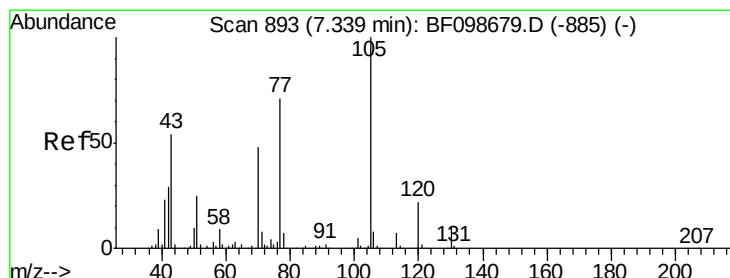
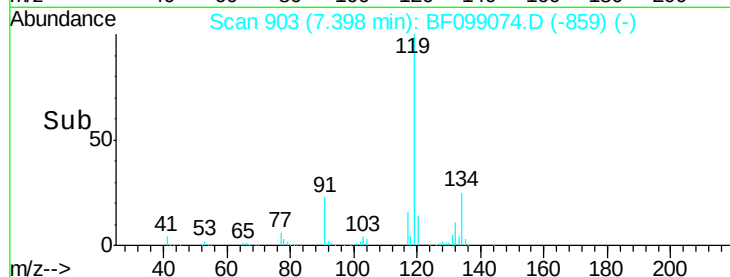
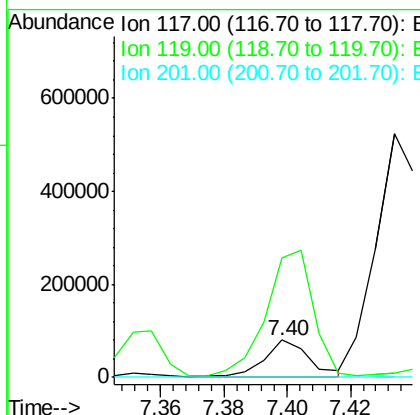
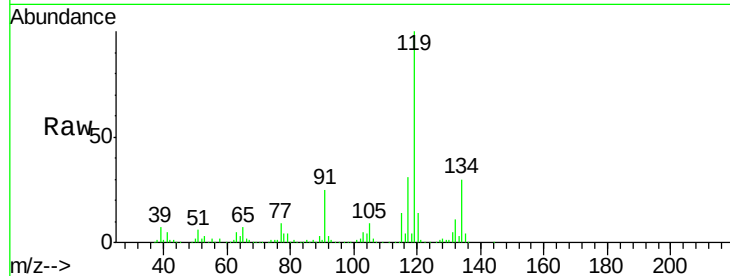




#18
Hexachloroethane
Concen: 20.81 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.04 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

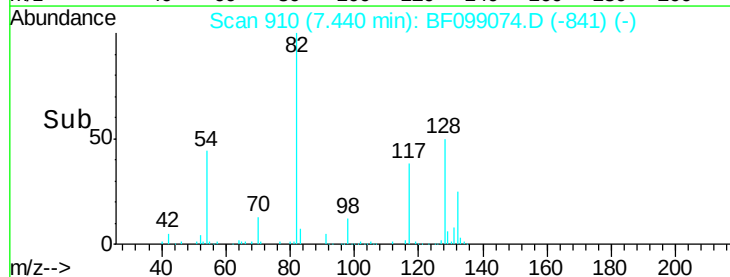
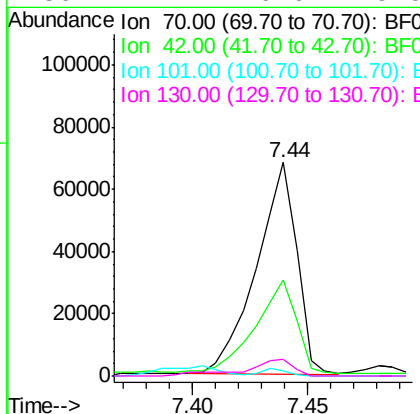
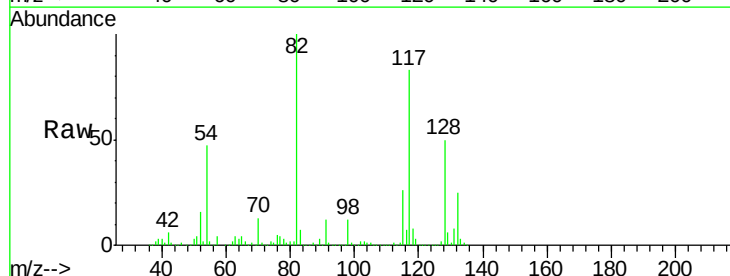
Instrument :
BNA_F
ClientSampleId :

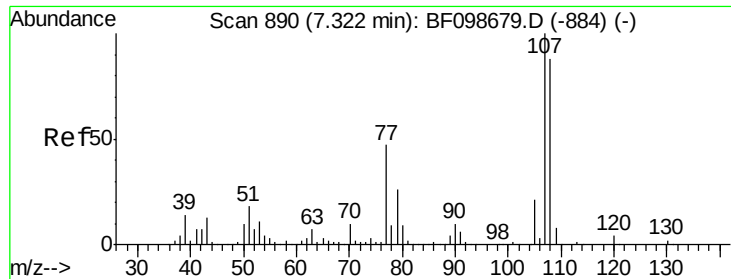
Tot Ion:117 Resp: 79278
Ion Ratio Lower Upper
117 100
119 320.1 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 11.92 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.11 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

Tgt Ion: 70 Resp: 82497
Ion Ratio Lower Upper
70 100
42 44.9 47.5 71.3#
101 2.6 7.4 11.2#
130 7.7 16.6 25.0#

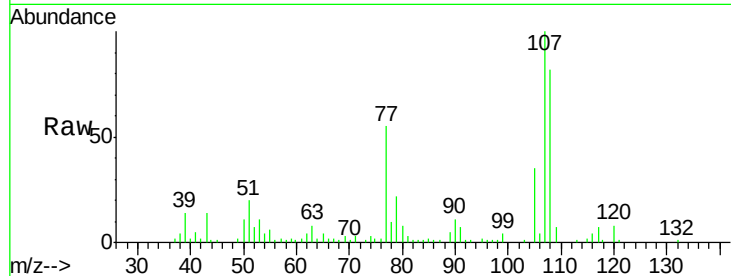




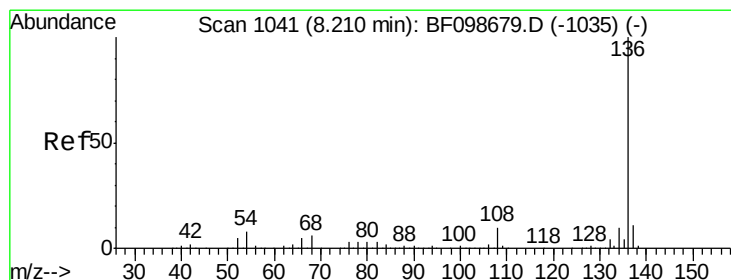
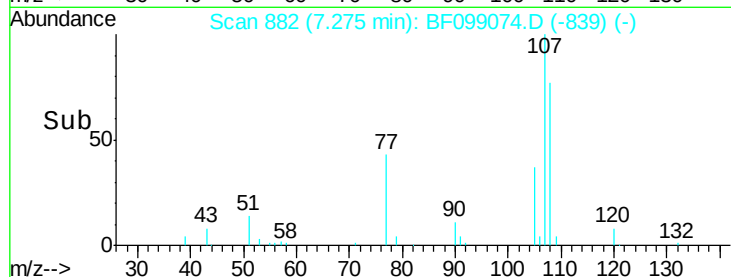
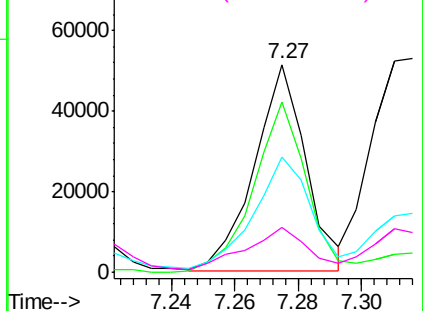
#20
3+4-Methylphenols
Concen: 5.60 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.05 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107	Resp:	57663
Ion Ratio	Lower	Upper
107	100	
108	81.9	68.2 108.2
77	55.4	26.7 66.7
79	21.8	6.3 46.3

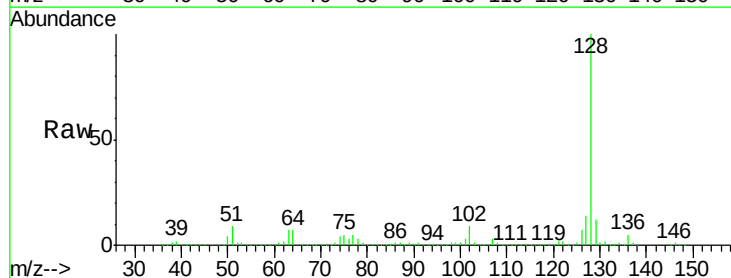


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

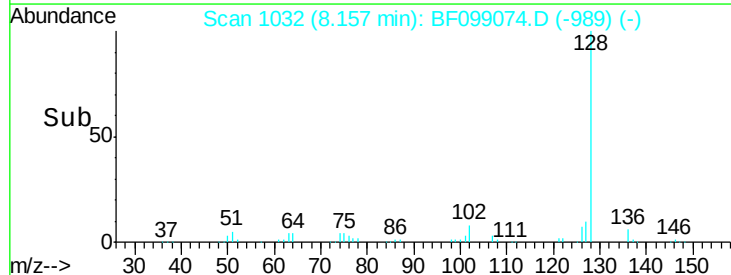
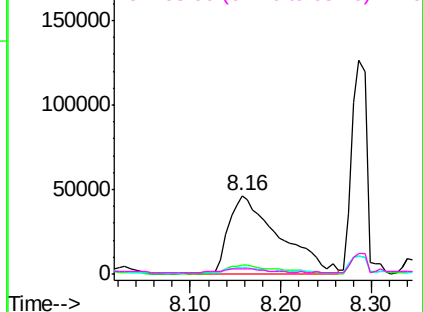


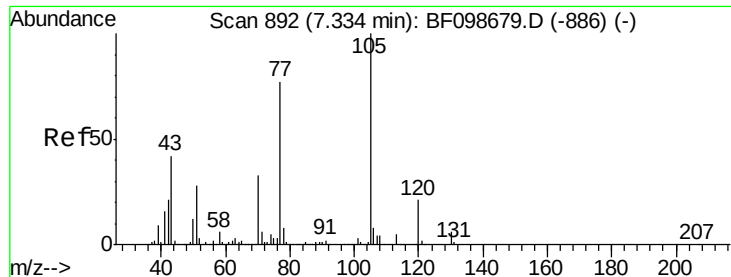
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

Tgt Ion:136	Resp:	176249
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.9 13.3
54	8.4	6.6 9.8
68	7.3	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): BF0
Ion 68.00 (67.70 to 68.70): BF0

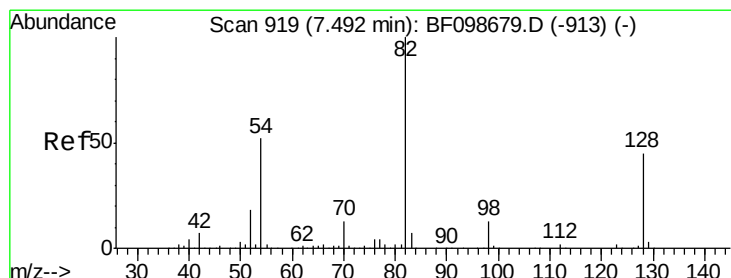
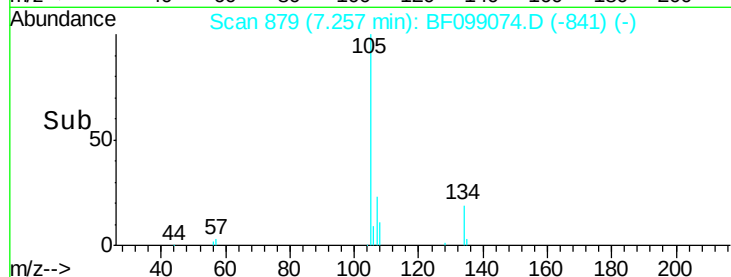
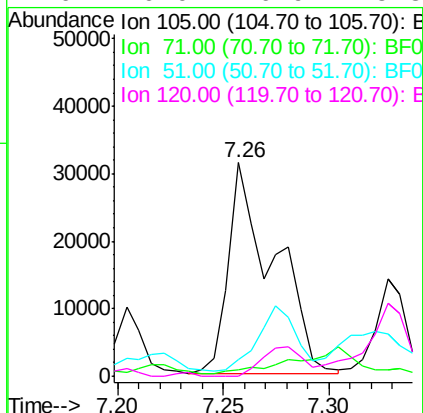
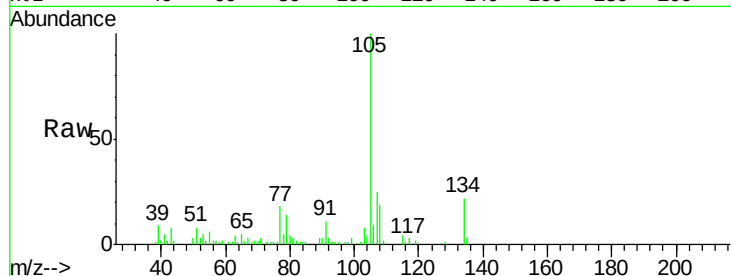




#22
Acetophenone
Concen: 10.90 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.08 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

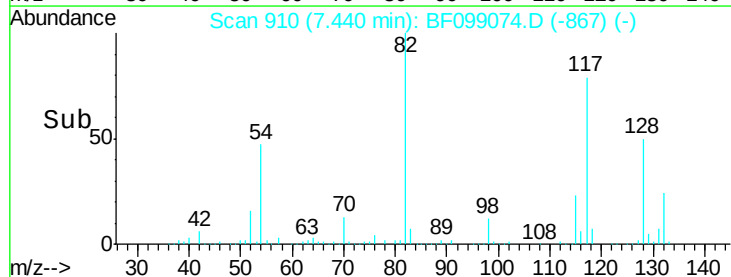
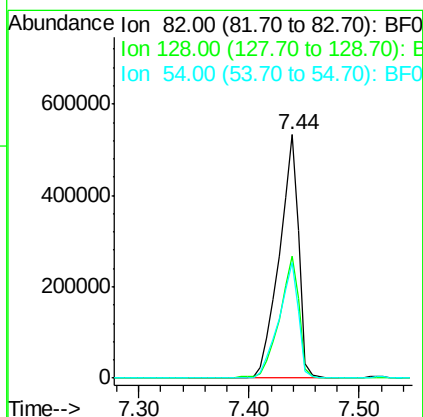
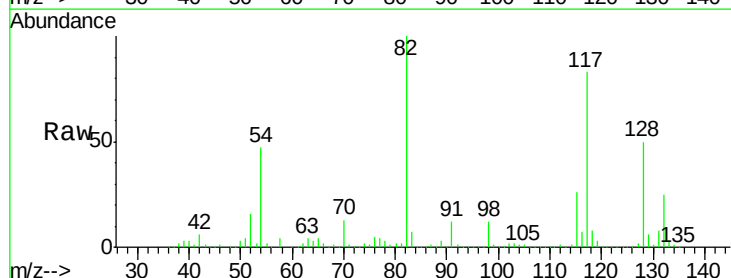
Instrument :
BNA_F
ClientSampled :

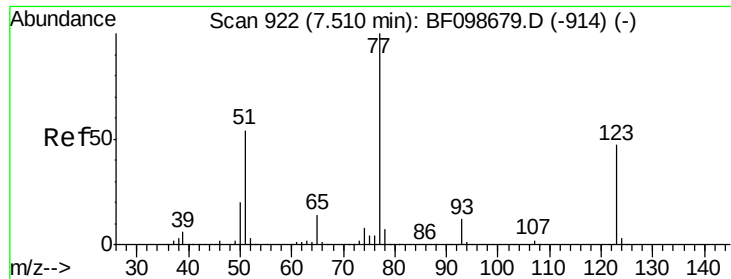
Tot Ion:105 Resp: 46558
Ion Ratio Lower Upper
105 100
71 2.8 4.4 6.6#
51 7.7 22.3 33.5#
120 0.0 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 237.42 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.05 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

Tgt Ion: 82 Resp: 652508
Ion Ratio Lower Upper
82 100
128 50.0 36.1 54.1
54 47.3 41.4 62.2

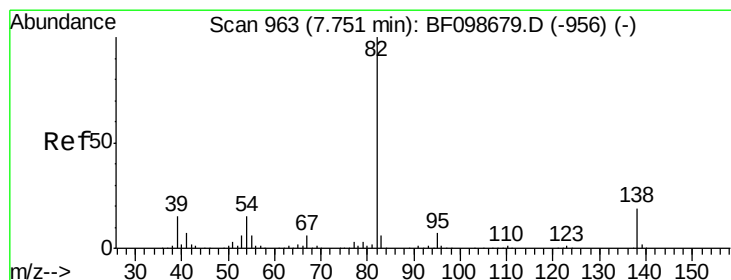
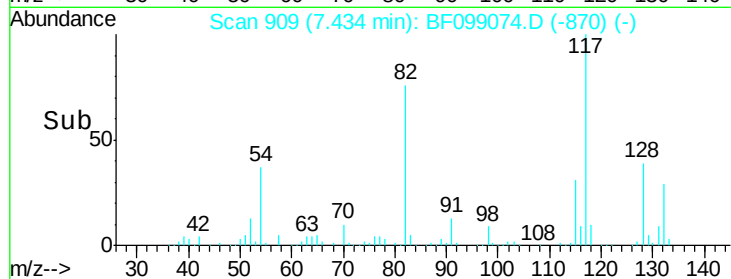
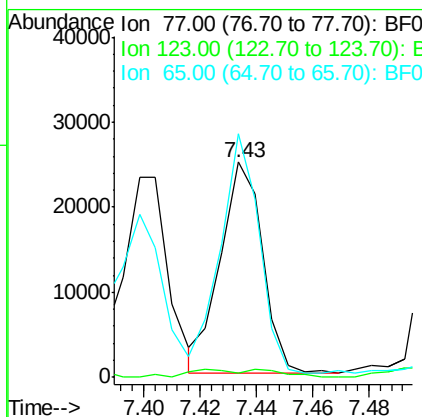
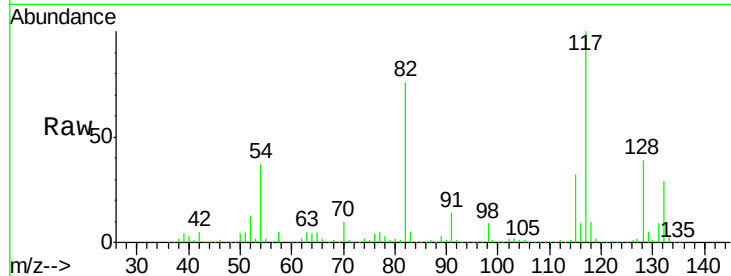




#24
 Nitrobenzene
 Concen: 8.19 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.07 min
 Lab File: BF099074.D
 Acq: 4 Oct 2017 18:38

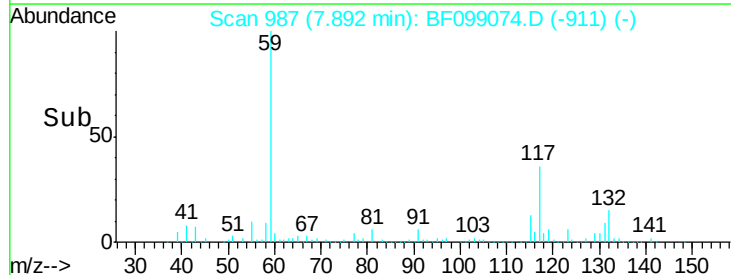
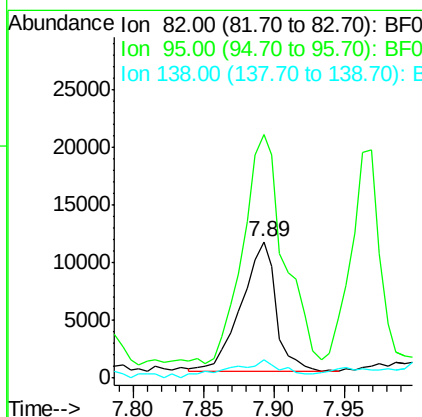
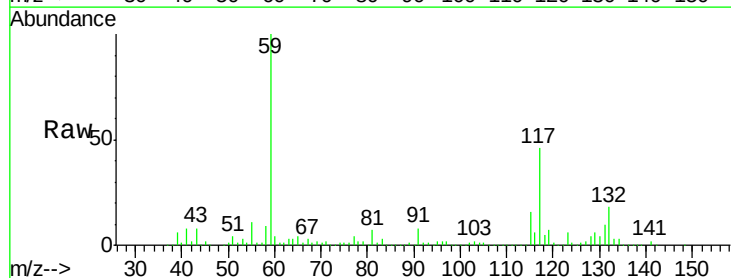
Instrument :
 BNA_F
 ClientSampled :

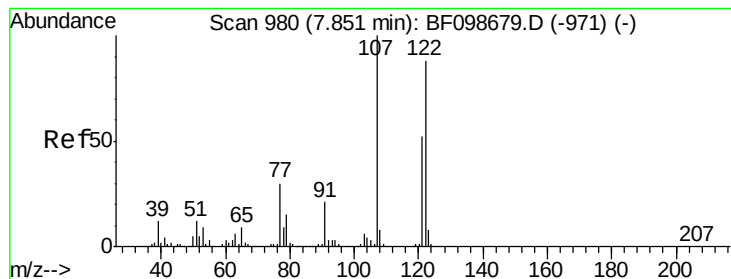
Tot Ion: 77 Resp: 25548
 Ion Ratio Lower Upper
 77 100
 123 2.0 37.9 56.9#
 65 113.3 11.0 16.4#



#25
 Isophorone
 Concen: 3.36 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.15 min
 Lab File: BF099074.D
 Acq: 4 Oct 2017 18:38

Tgt Ion: 82 Resp: 19105
 Ion Ratio Lower Upper
 82 100
 95 178.5 5.2 7.8#
 138 13.5 14.9 22.3#





#27

2,4-Dimethylphenol

Concen: 32.71 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

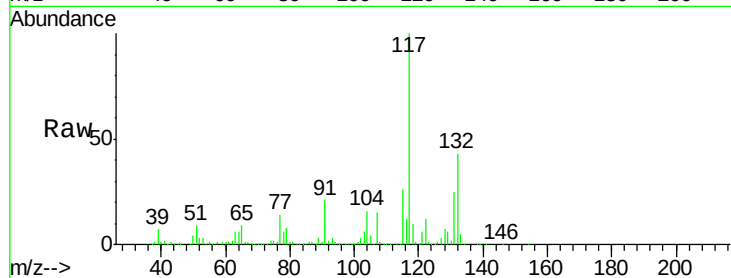
Tot Ion:122 Resp: 92596

Ion Ratio Lower Upper

122 100

107 128.0 91.2 136.8

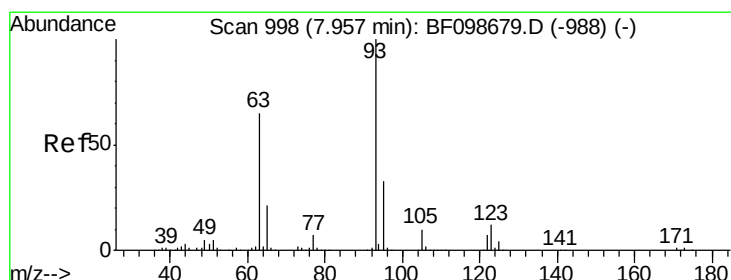
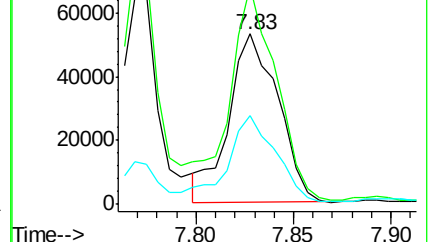
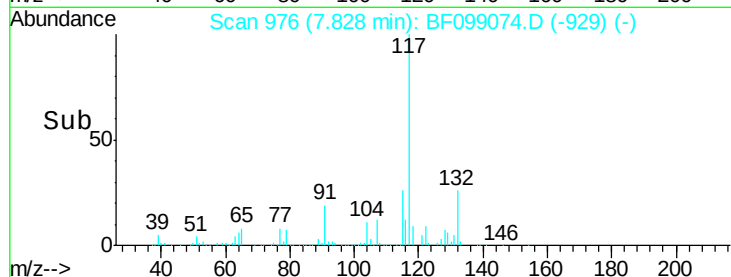
121 51.9 47.2 70.8



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: 2.85 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

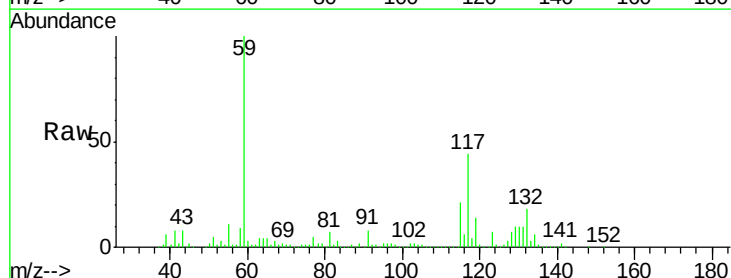
Tgt Ion: 93 Resp: 10086

Ion Ratio Lower Upper

93 100

95 277.7 26.3 39.5#

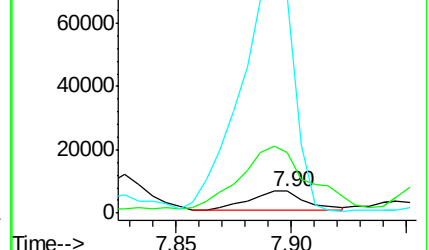
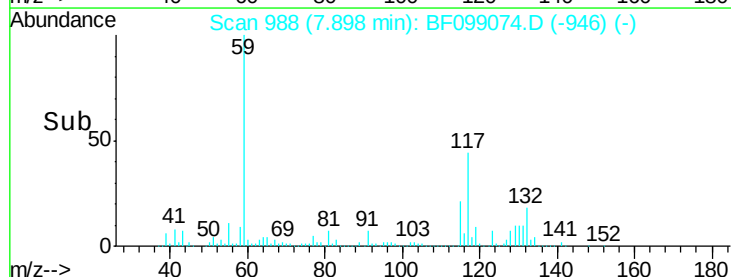
123 982.7 9.8 14.6#

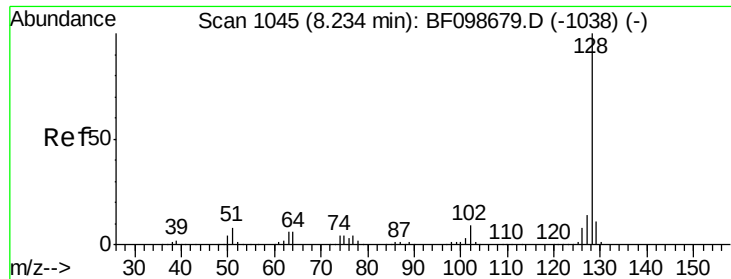


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

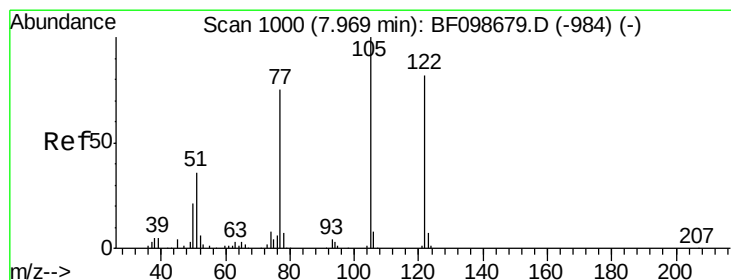
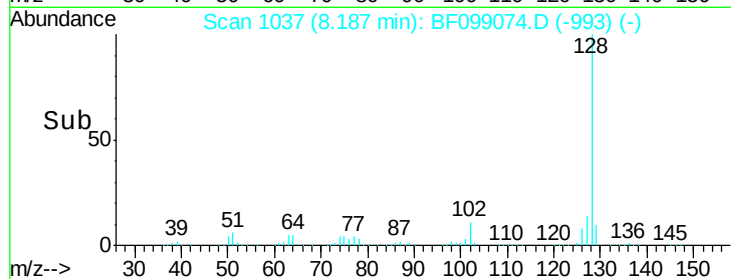
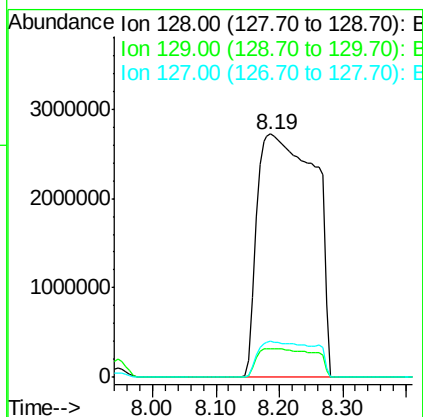
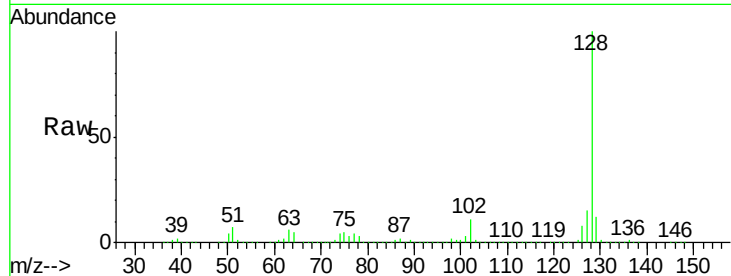




#31
Naphthalene
Concen: 2077.99 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.04 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

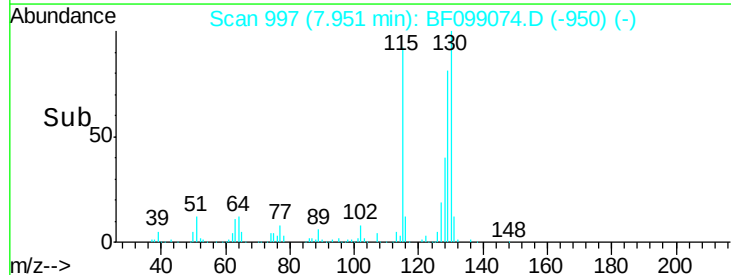
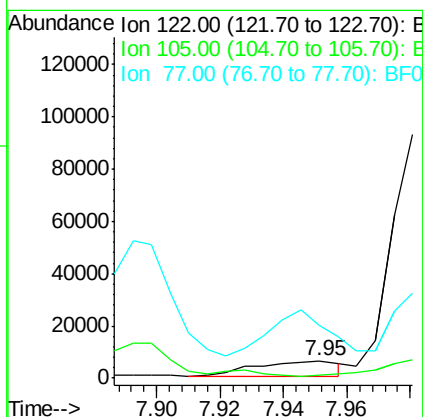
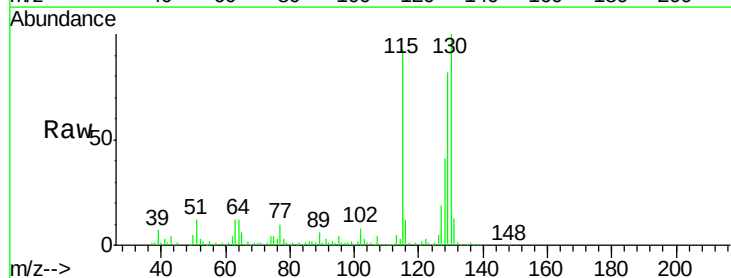
Instrument :
BNA_F
ClientSampleId :

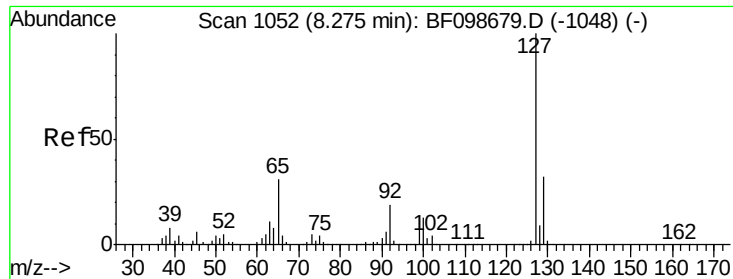
Tot Ion:128 Resp:17201075
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.6 10.9 16.3



#32
Benzoic acid
Concen: 4.42 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

Tgt Ion:122 Resp: 10280
Ion Ratio Lower Upper
122 100
105 16.1 101.1 141.1#
77 303.5 70.7 110.7#

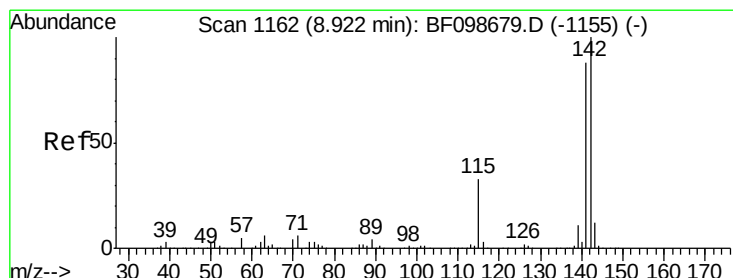
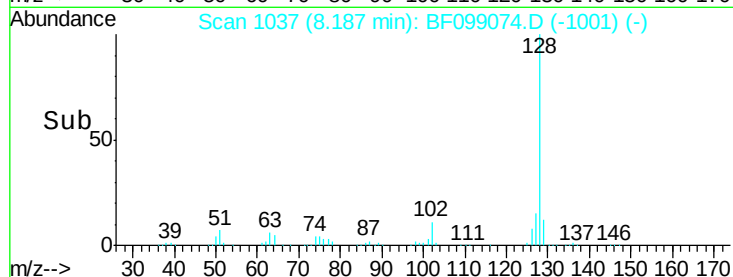
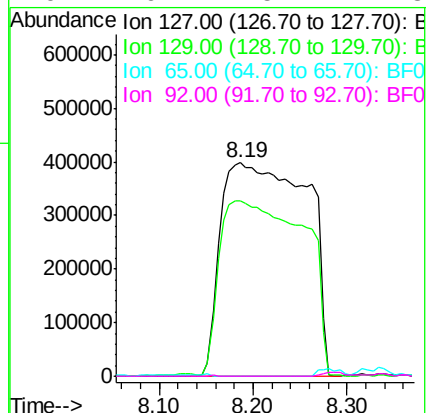
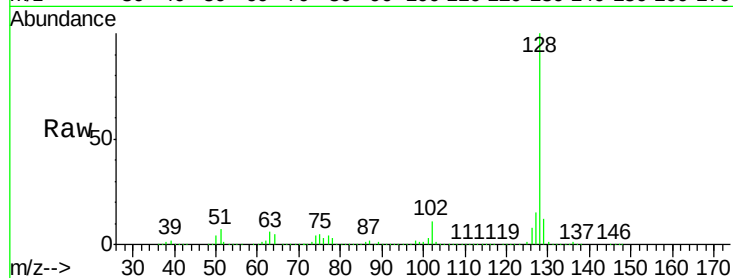




#33
4-Chloroaniline
Concen: 729.68 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.09 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

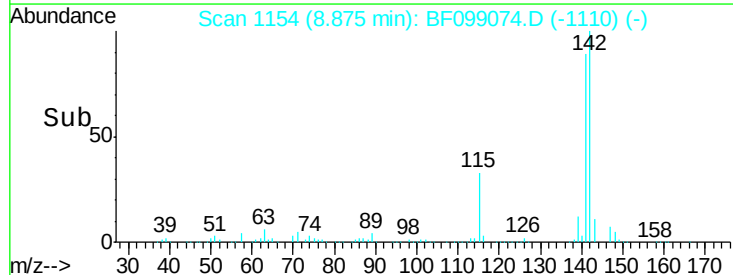
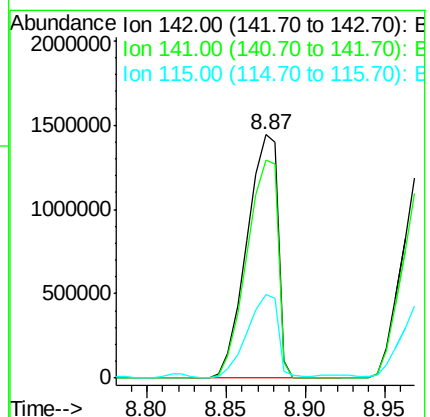
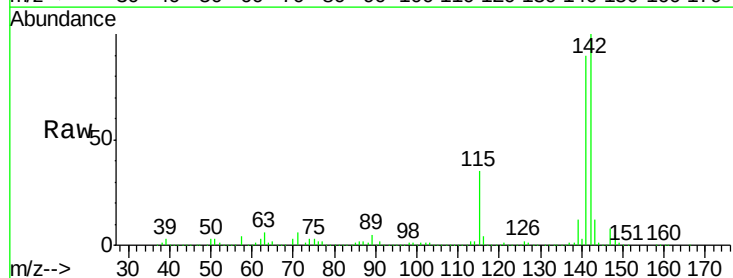
Instrument :
BNA_F
ClientSampleId :

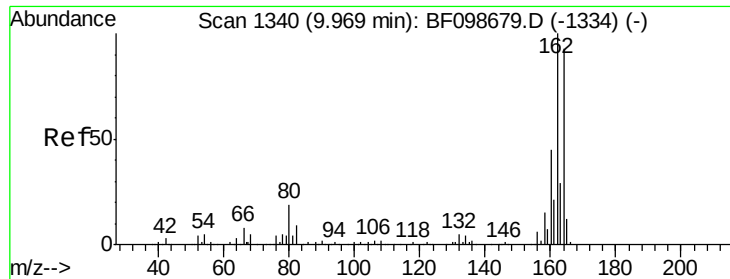
Tot Ion:127 Resp: 2522361
Ion Ratio Lower Upper
127 100
129 81.9 25.9 38.9#
65 0.0 25.0 37.4#
92 0.1 15.2 22.8#



#37
2-Methylnaphthalene
Concen: 365.32 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

Tgt Ion:142 Resp: 1965890
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2
115 34.5 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.06 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

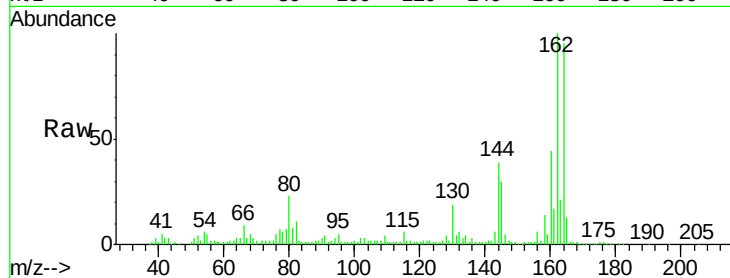
Tot Ion:164 Resp: 258508

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

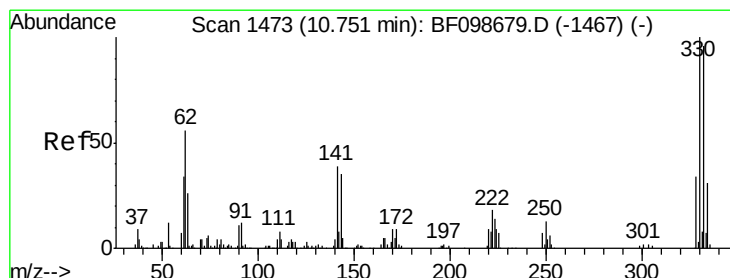
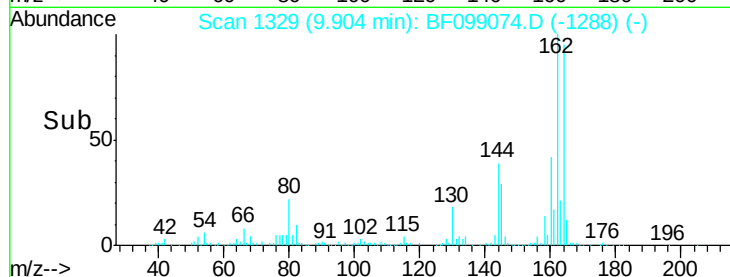
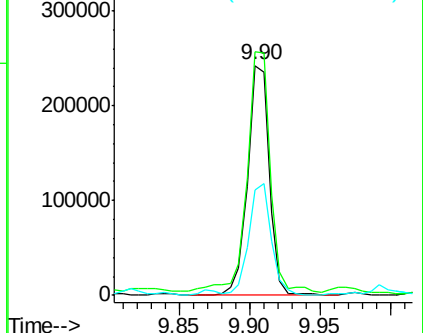
160 46.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 95.83 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.05 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

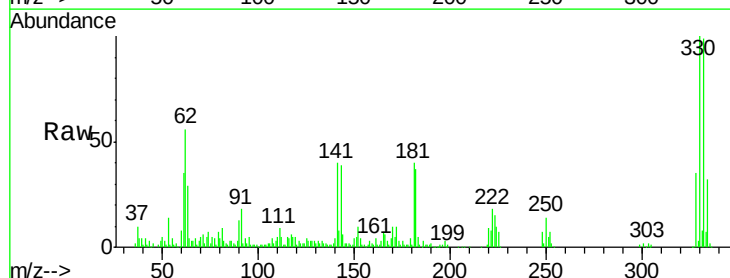
Tgt Ion:330 Resp: 202701

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

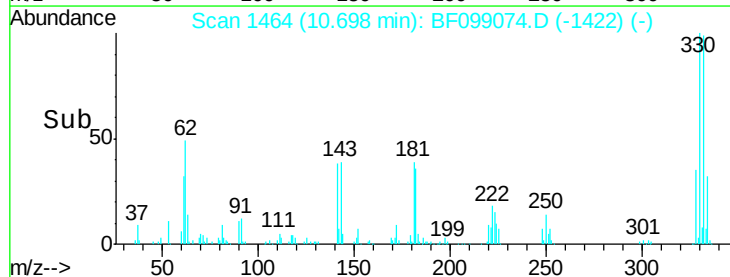
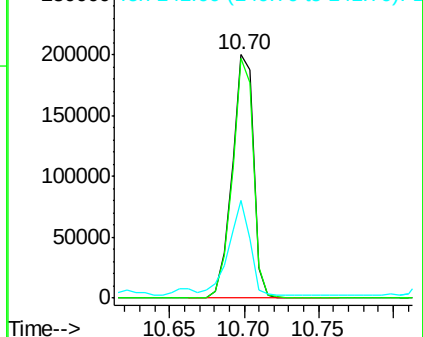
141 39.3 29.9 44.9

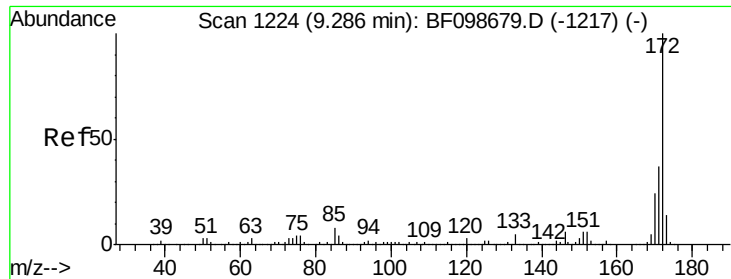


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

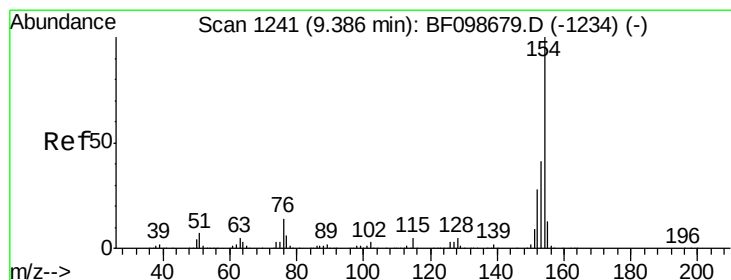
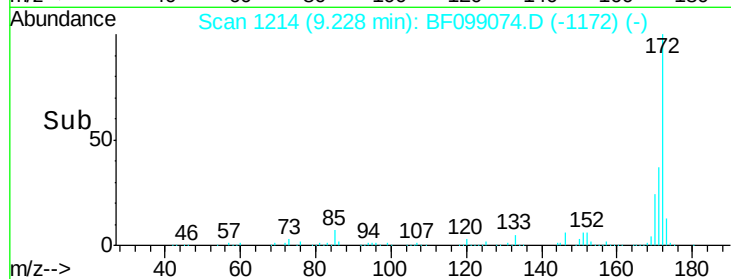
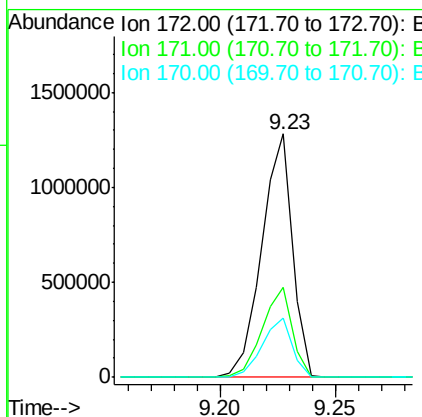
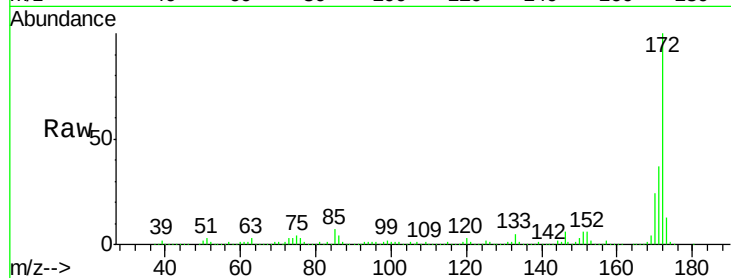




#44
 2-Fluorobiphenyl
 Concen: 76.31 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099074.D
 Acq: 4 Oct 2017 18:38

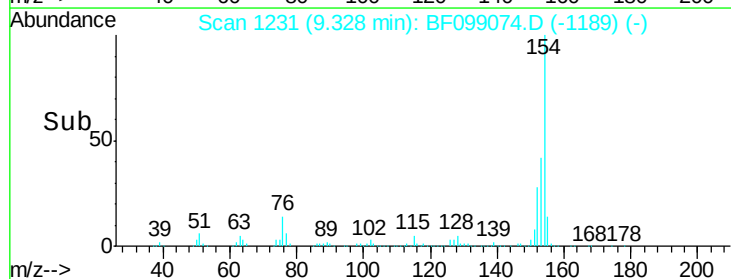
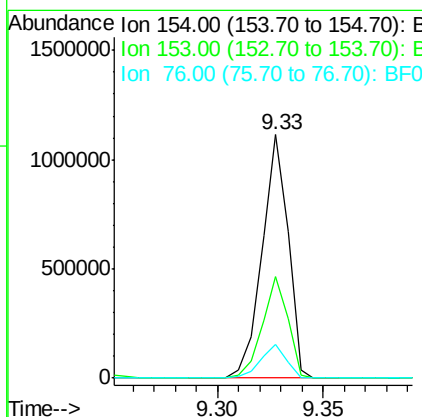
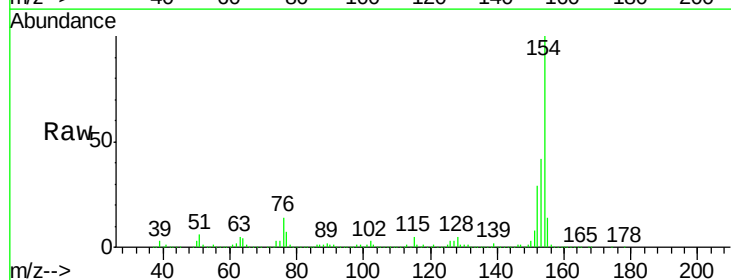
Instrument :
 BNA_F
 ClientSampleId :

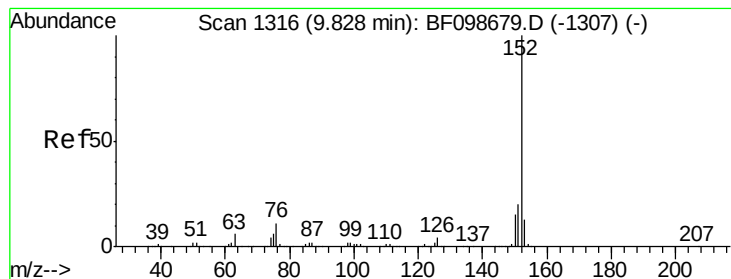
Tot Ion:172 Resp: 1181666
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.3 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 43.02 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.05 min
 Lab File: BF099074.D
 Acq: 4 Oct 2017 18:38

Tgt Ion:154 Resp: 955774
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 13.9 0.0 34.0





#48

Acenaphthylene

Concen: 3.73 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.06 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

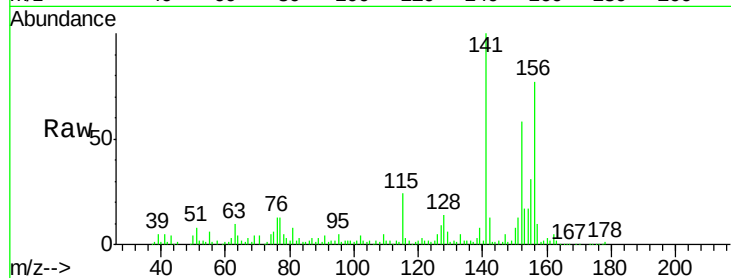
Tot Ion:152 Resp: 95282

Ion Ratio Lower Upper

152 100

151 21.9 16.3 24.5

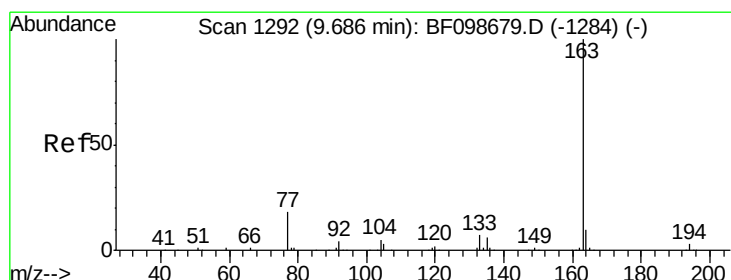
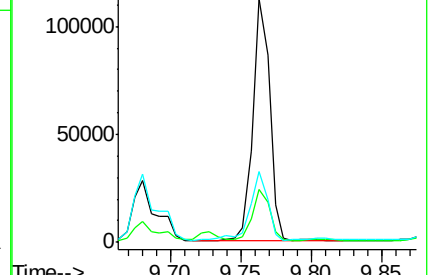
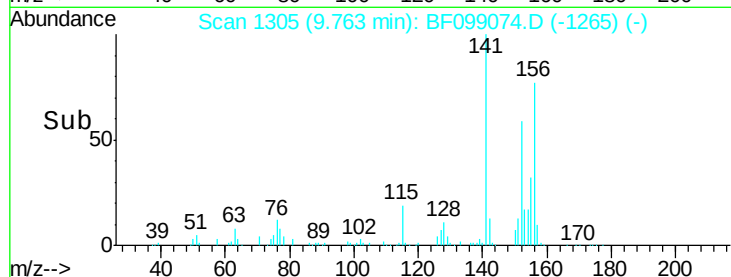
153 29.3 10.7 16.1#



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: 6.95 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.06 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

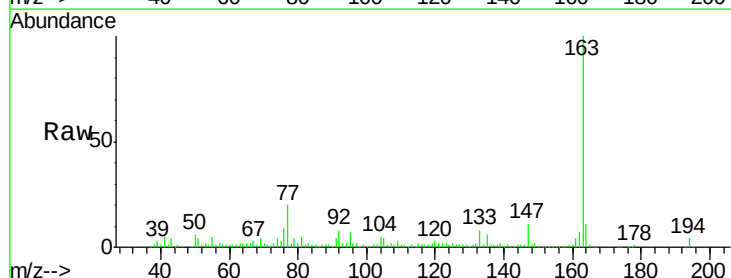
Tgt Ion:163 Resp: 135626

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

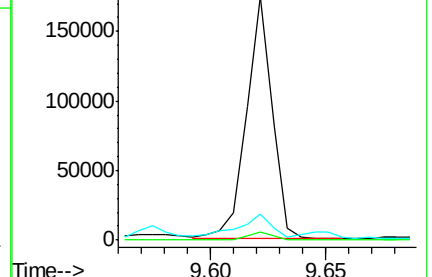
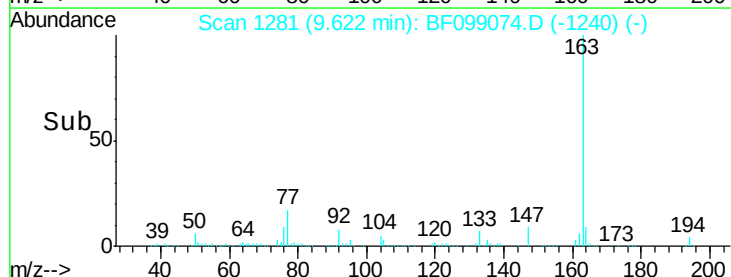
164 10.7 8.2 12.2

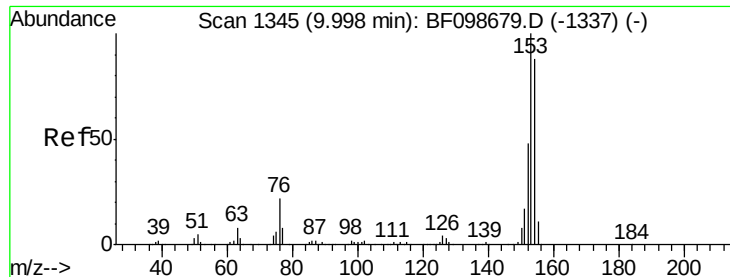


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 102.04 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.05 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

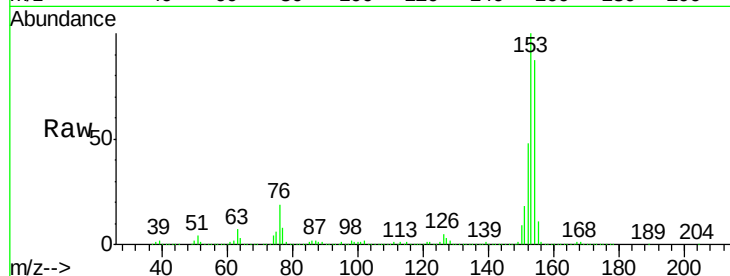
Tot Ion:154 Resp: 1650619

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

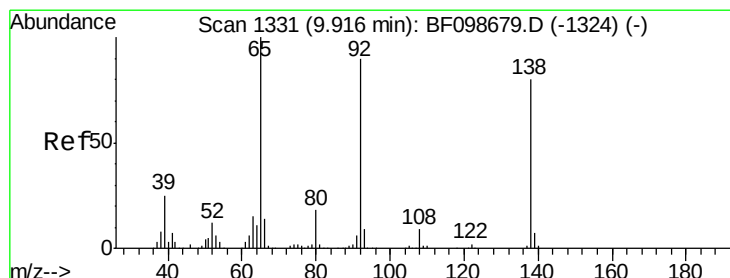
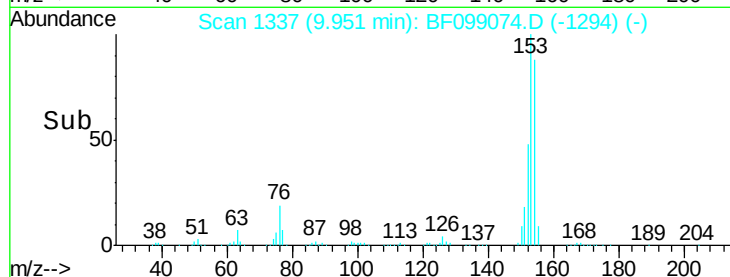
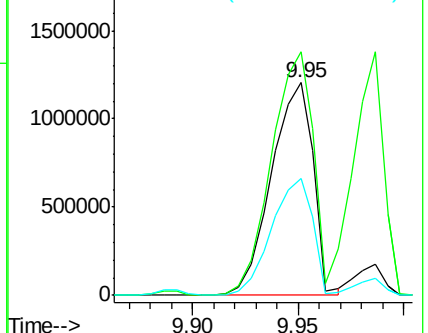
152 55.2 43.8 65.8



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: 2.36 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.08 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

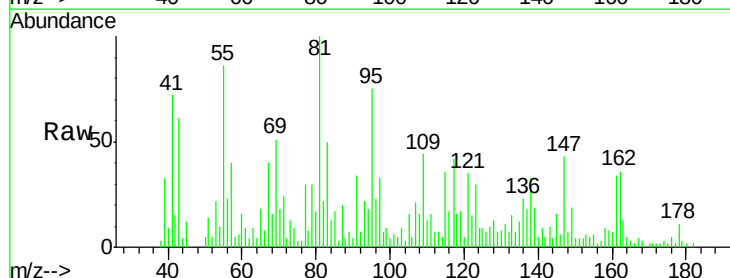
Tgt Ion:138 Resp: 11664

Ion Ratio Lower Upper

138 100

108 48.0 9.4 14.0#

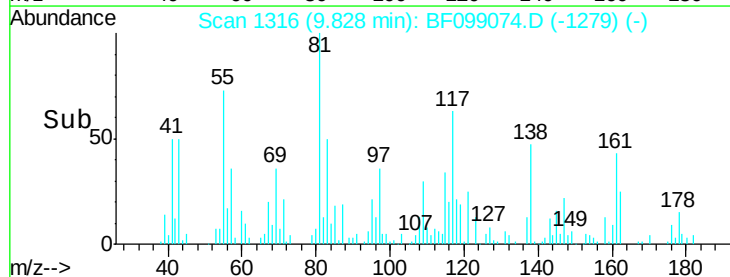
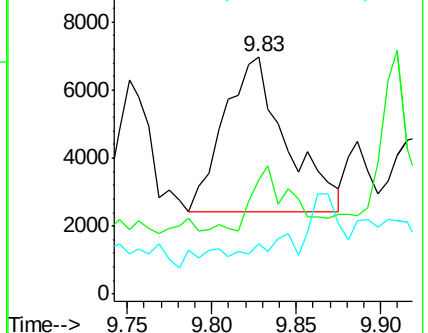
92 21.4 89.4 134.2#

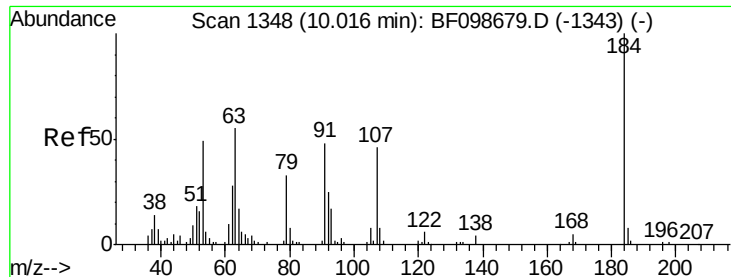


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

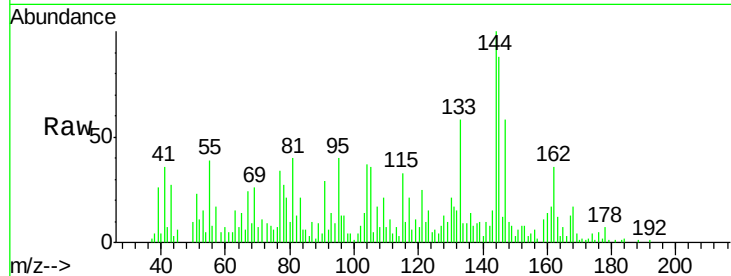




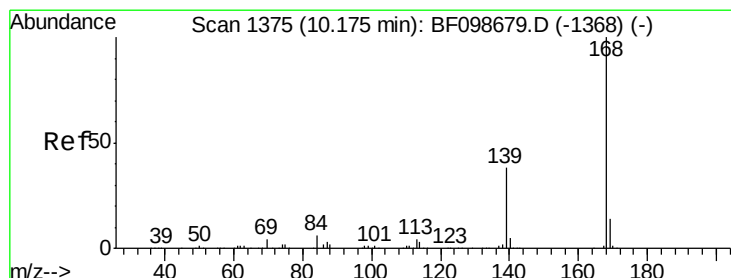
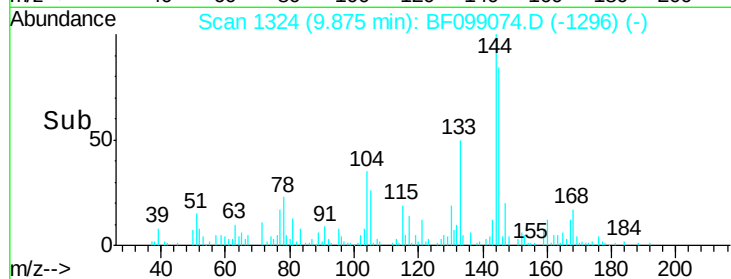
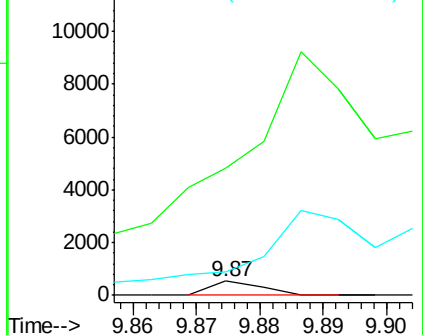
#53
 2,4-Dinitrophenol
 Concen: 5.95 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.13 min
 Lab File: BF099074.D
 Acq: 4 Oct 2017 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 302
 Ion Ratio Lower Upper
 184 100
 63 909.5 54.2 81.2#
 154 169.8 53.5 80.3#

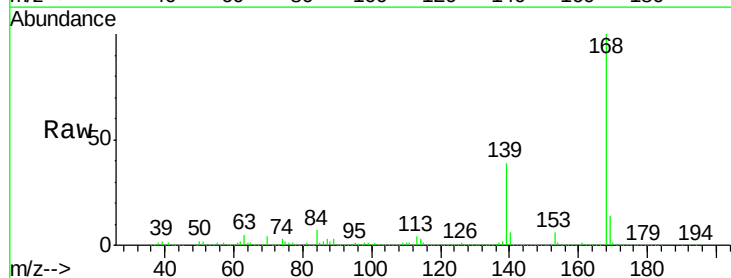


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

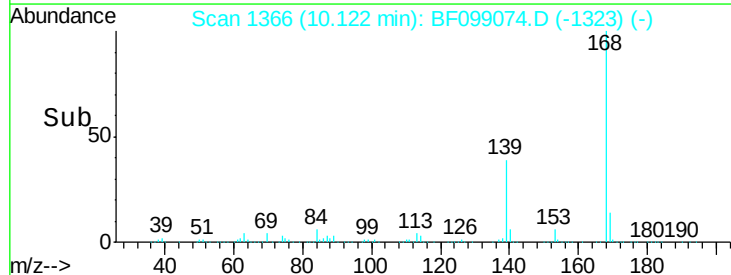
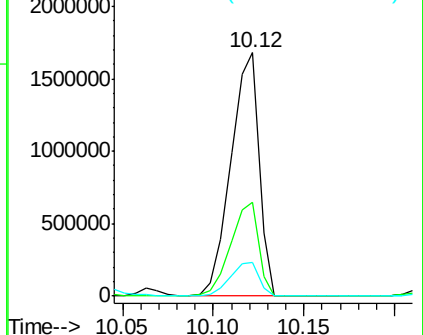


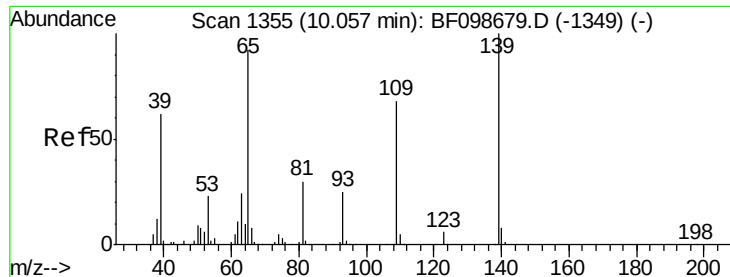
#54
 Dibenzofuran
 Concen: 84.21 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.05 min
 Lab File: BF099074.D
 Acq: 4 Oct 2017 18:38

Tgt Ion:168 Resp: 1813619
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.1 45.1
 169 13.8 10.9 16.3



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

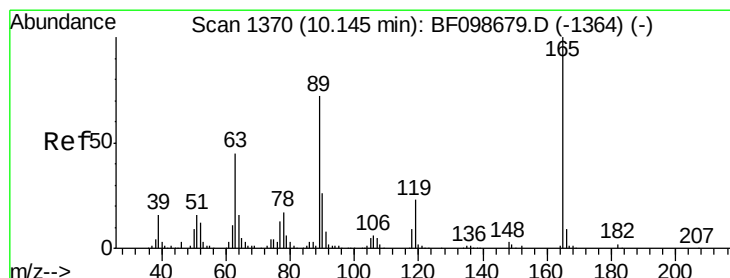
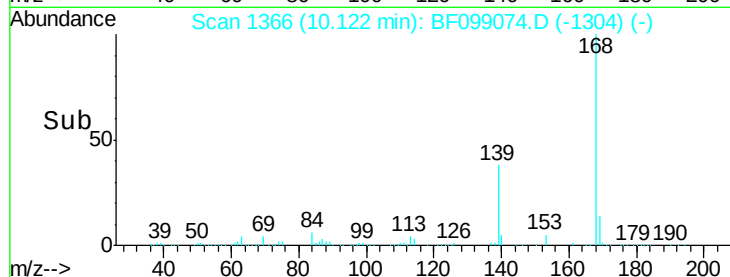
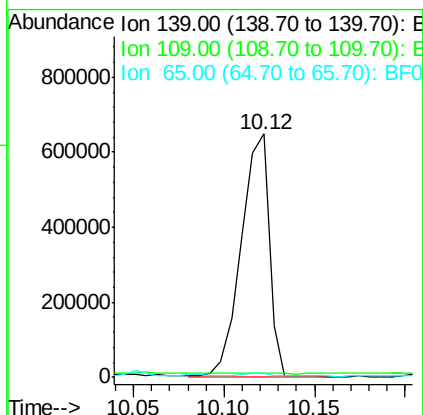
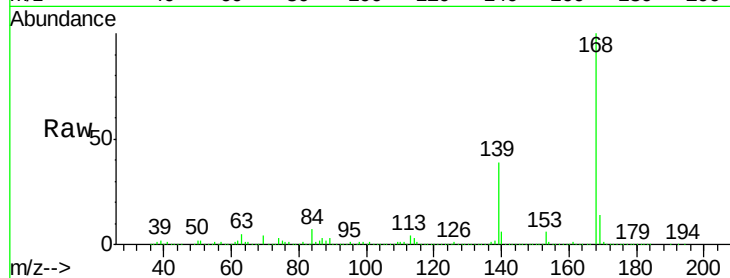




#55
4-Nitrophenol
Concen: 166.08 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.06 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

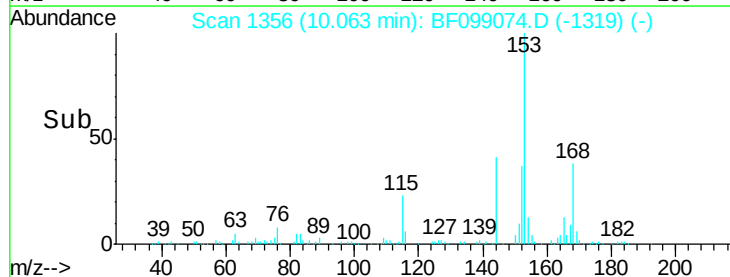
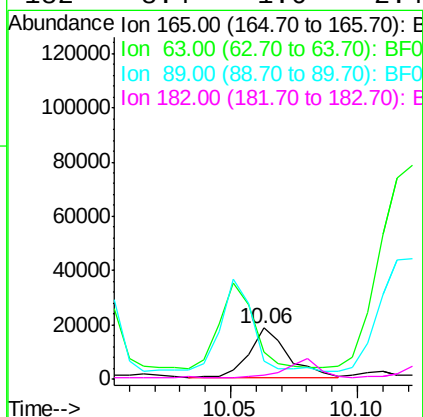
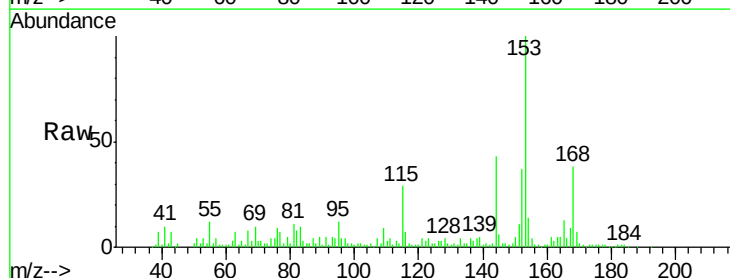
Instrument :
BNA_F
ClientSampleId :

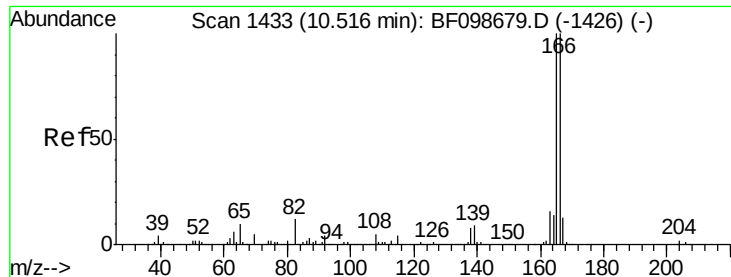
Tot Ion:139 Resp: 695544
Ion Ratio Lower Upper
139 100
109 1.8 48.4 88.4#
65 1.6 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 3.51 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.08 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

Tgt Ion:165 Resp: 19342
Ion Ratio Lower Upper
165 100
63 53.5 36.4 54.6
89 35.9 57.8 86.6#
182 8.4 1.6 2.4#

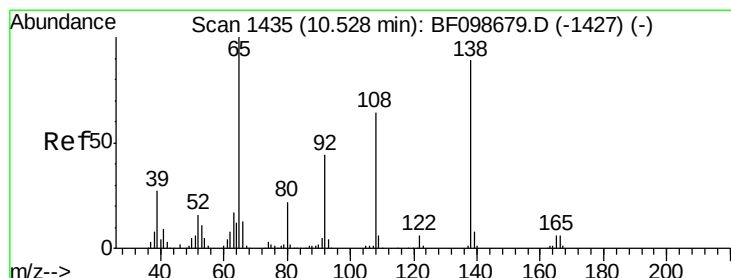
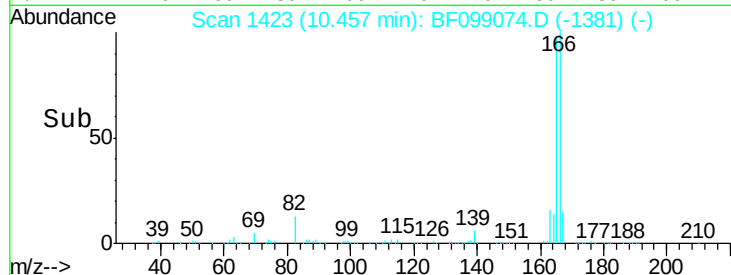
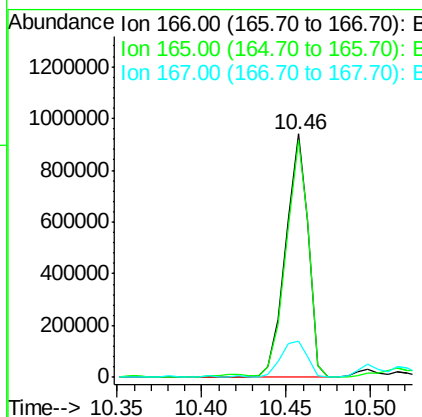
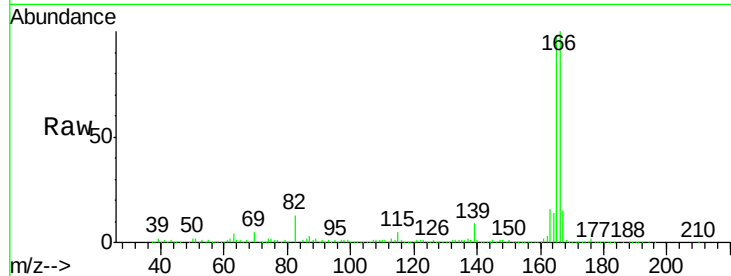




#57
 Fluorene
 Concen: 50.34 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.05 min
 Lab File: BF099074.D
 Acq: 4 Oct 2017 18:38

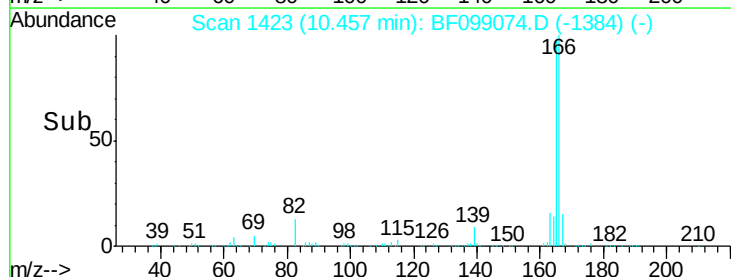
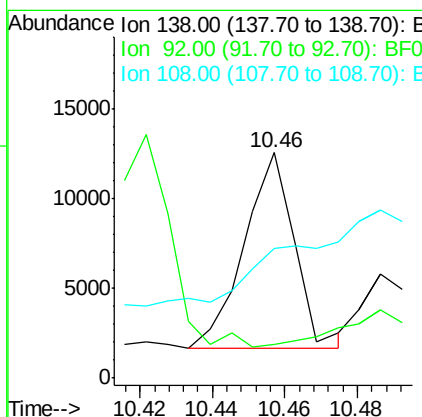
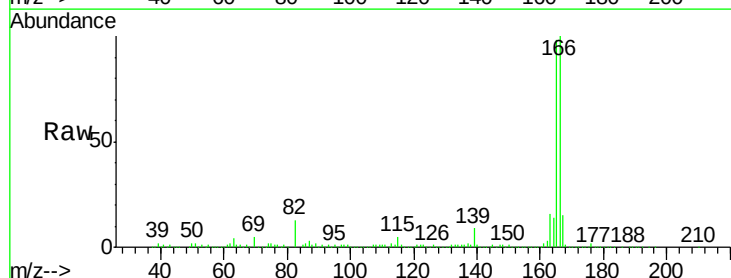
Instrument :
 BNA_F
 ClientSampleId :

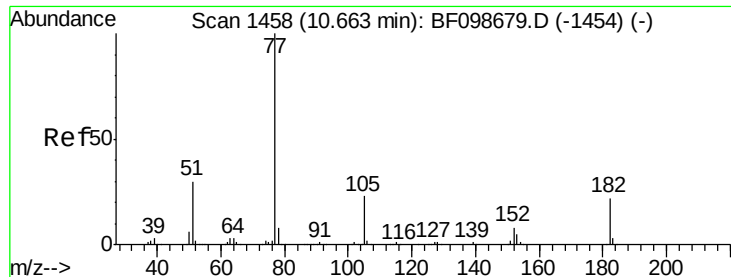
Tot Ion:166 Resp: 871512
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.8 119.8
 167 15.0 10.6 16.0



#61
 4-Nitroaniline
 Concen: 2.19 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.07 min
 Lab File: BF099074.D
 Acq: 4 Oct 2017 18:38

Tgt Ion:138 Resp: 10472
 Ion Ratio Lower Upper
 138 100
 92 15.2 30.2 70.2#
 108 57.8 52.5 92.5





#62

Azobenzene

Concen: 2.06 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.09 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Instrument :

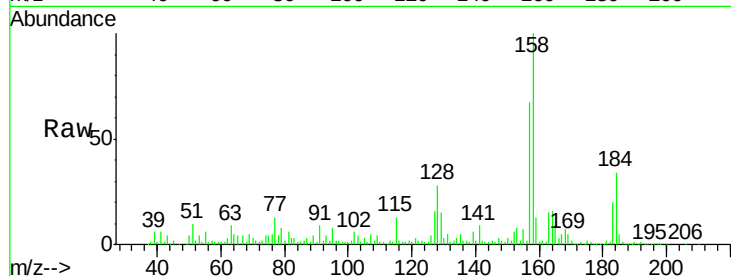
BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 36080

Ion Ratio Lower Upper

77	100		
182	10.7	1.7	41.7
105	19.4	3.0	43.0
51	78.6	9.9	49.9

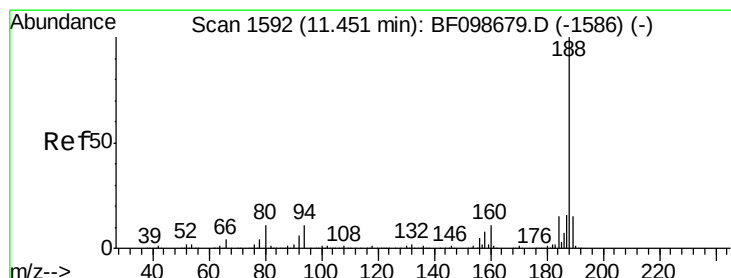
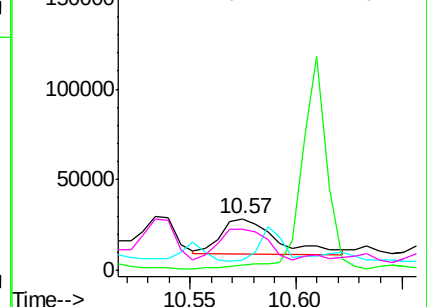
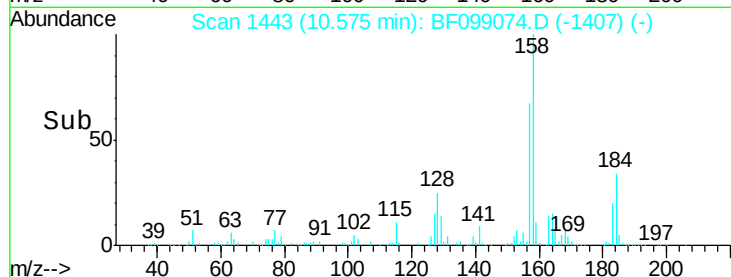


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.05 min

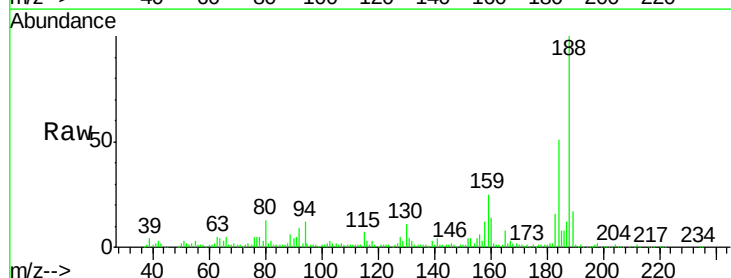
Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Tgt Ion: 188 Resp: 400289

Ion Ratio Lower Upper

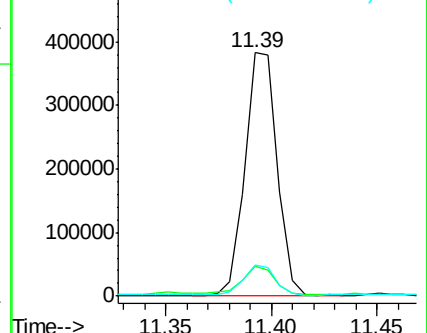
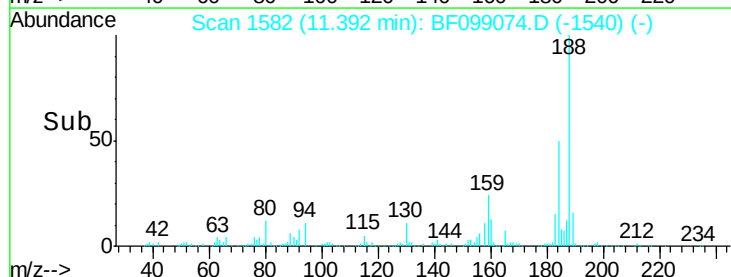
188	100		
94	12.2	8.5	12.7
80	12.9	9.2	13.8

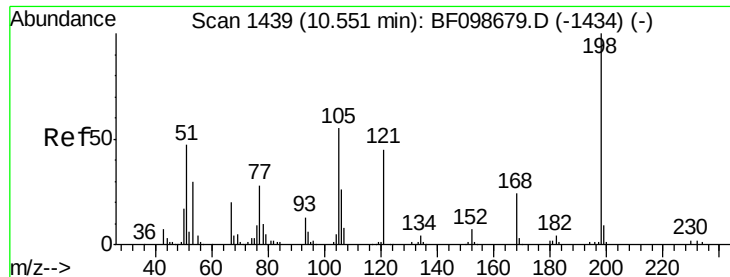


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

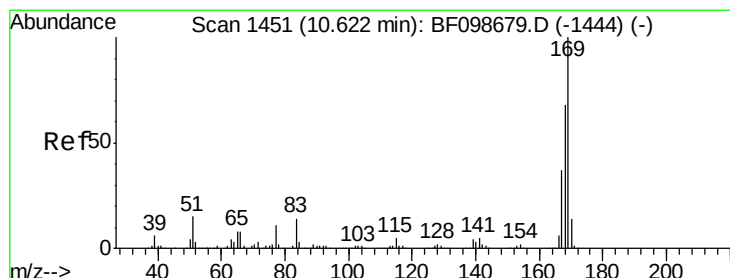
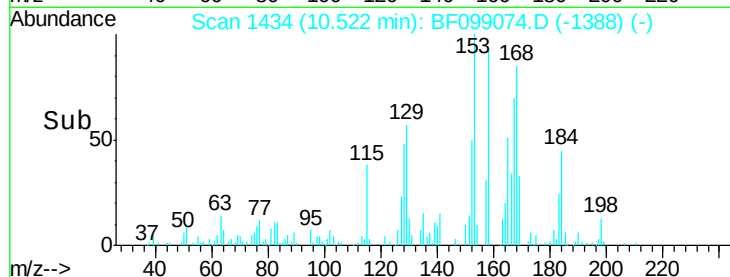
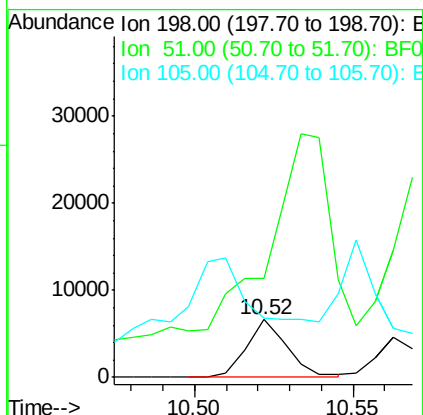
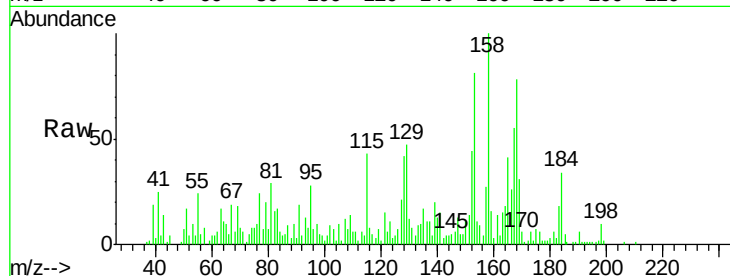




#64
4,6-Dinitro-2-methylphenol
Concen: 2.44 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.03 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

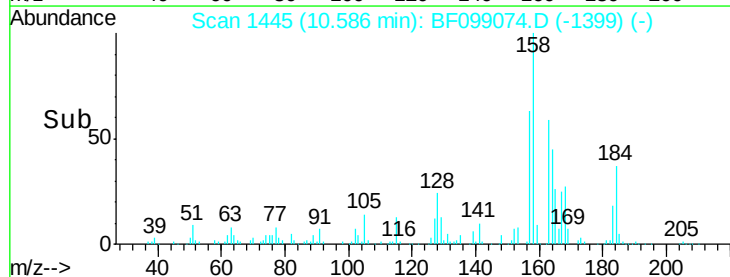
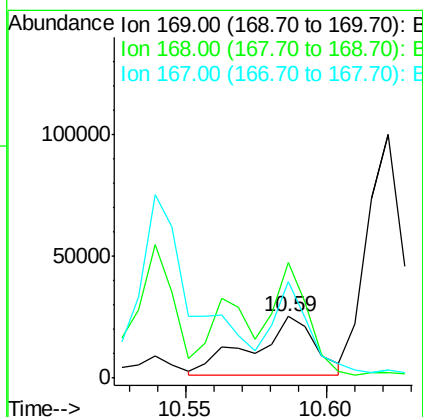
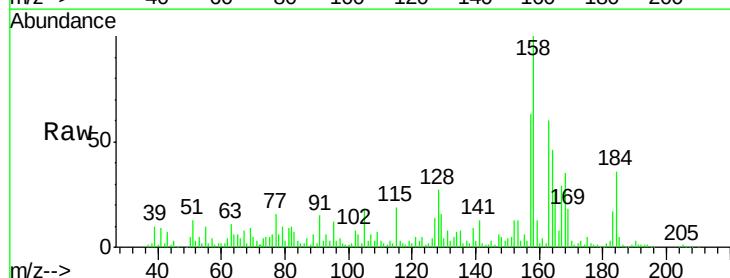
Instrument :
BNA_F
ClientSampleId :

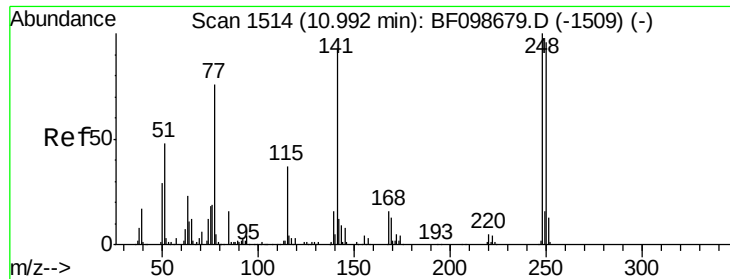
Tot Ion:198 Resp: 5939
Ion Ratio Lower Upper
198 100
51 172.7 37.7 77.7#
105 102.3 36.3 76.3#



#65
n-Nitrosodiphenylamine
Concen: 2.70 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.03 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

Tgt Ion:169 Resp: 37498
Ion Ratio Lower Upper
169 100
168 188.5 54.4 81.6#
167 156.1 29.8 44.6#

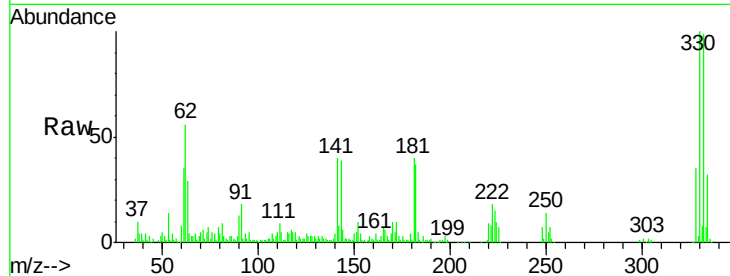




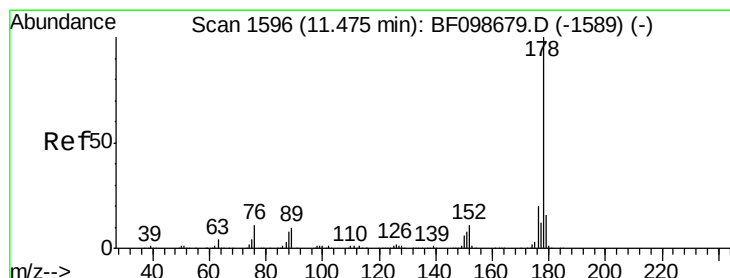
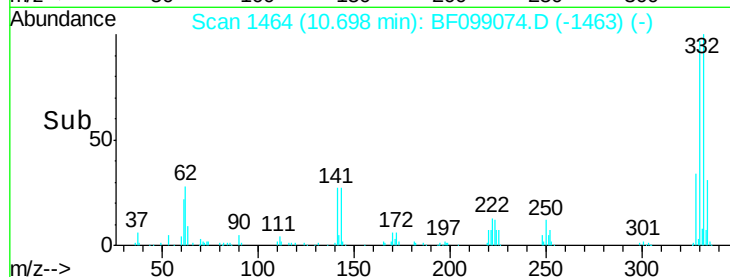
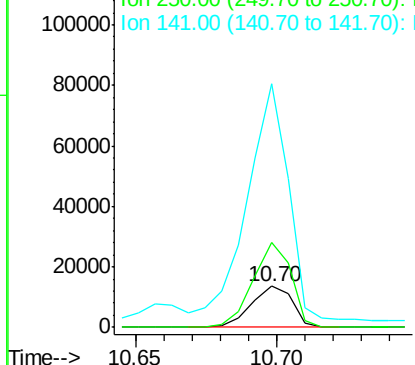
#66
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.29 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13561
Ion Ratio Lower Upper
248 100
250 209.5 76.9 115.3#
141 596.5 74.4 111.6#

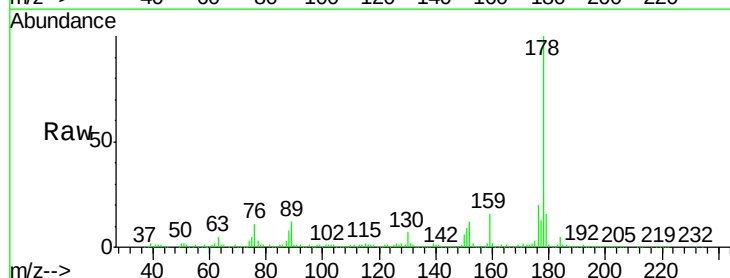


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

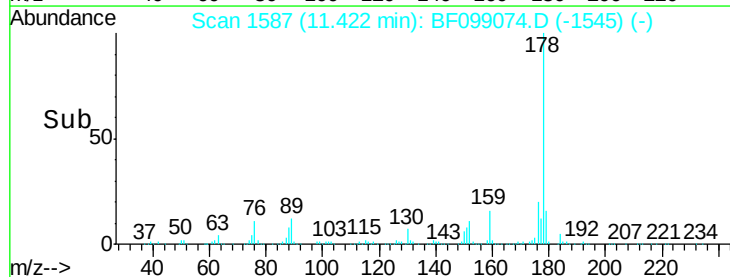
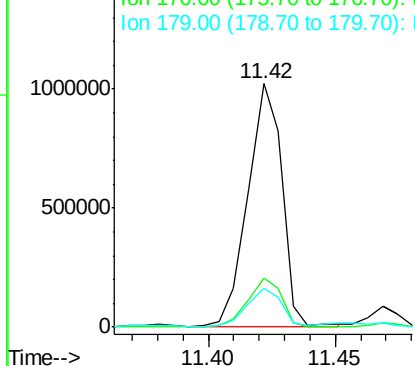


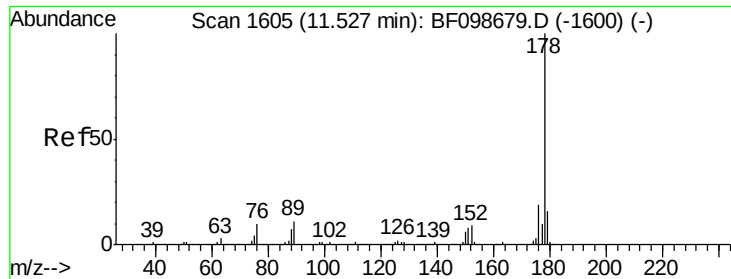
#70
Phenanthrene
Concen: 44.54 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.05 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

Tgt Ion:178 Resp: 954362
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.1 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

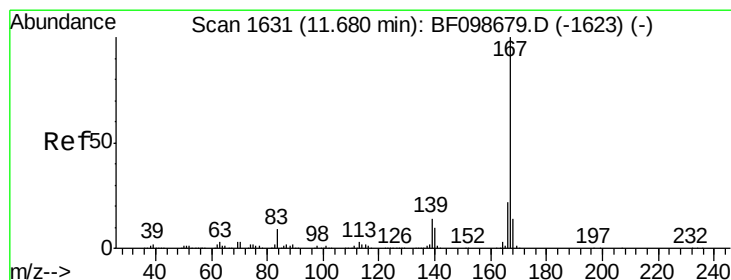
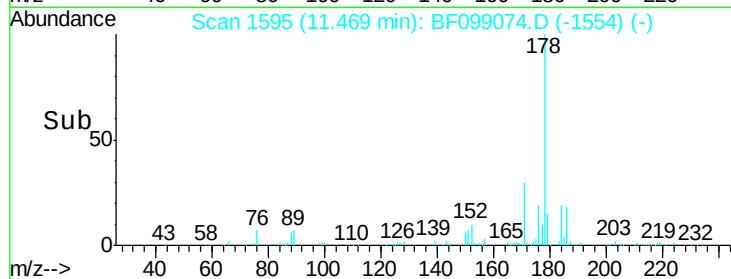
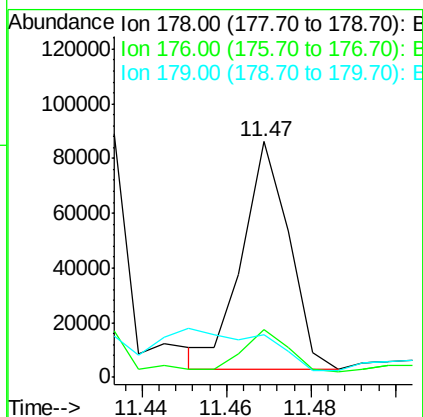
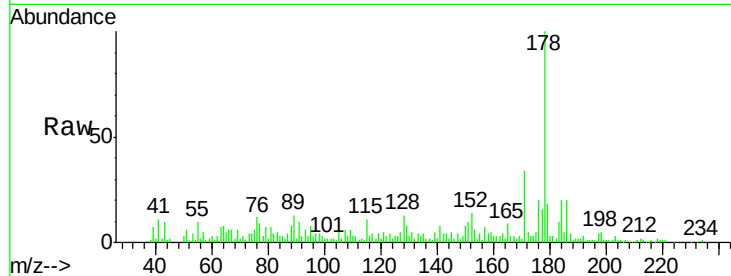




#71
 Anthracene
 Concen: 2.92 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.06 min
 Lab File: BF099074.D
 Acq: 4 Oct 2017 18:38

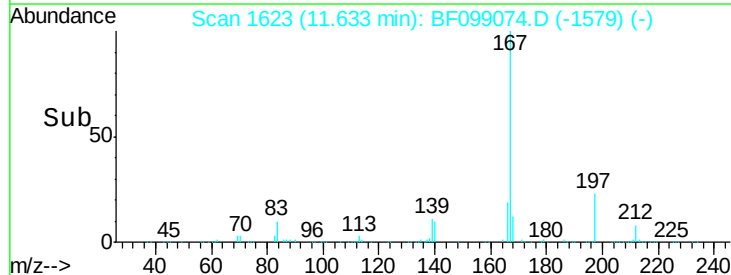
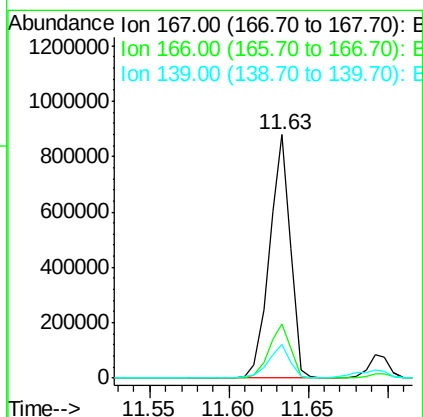
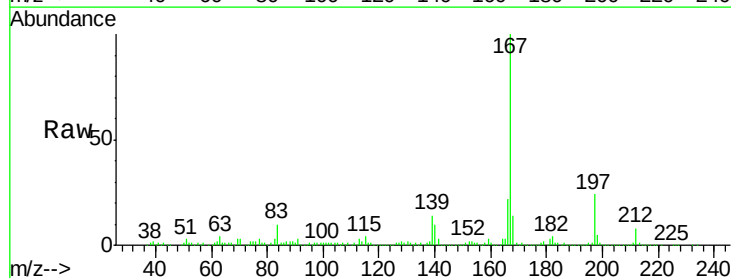
Instrument :
 BNA_F
 ClientSampled :

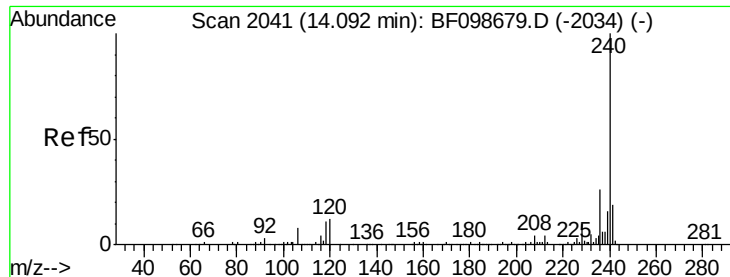
Tot Ion:178 Resp: 64067
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 18.0 12.6 19.0



#72
 Carbazole
 Concen: 37.50 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.04 min
 Lab File: BF099074.D
 Acq: 4 Oct 2017 18:38

Tgt Ion:167 Resp: 805055
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.7 10.9 16.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.06 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

Instrument :

BNA_F

ClientSampleId :

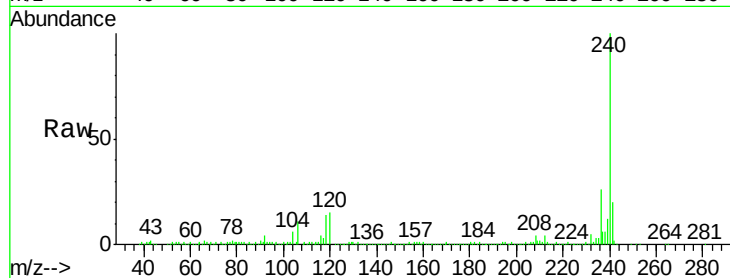
Tot Ion:240 Resp: 258565

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

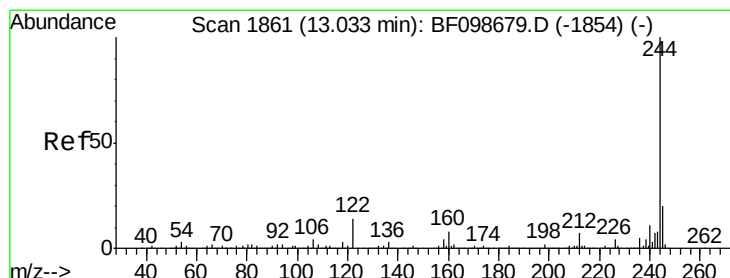
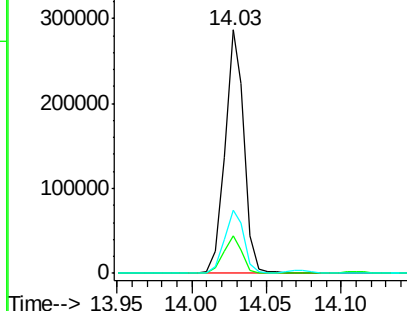
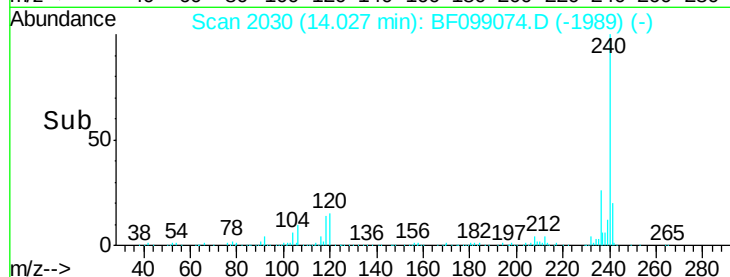
236 26.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 80.61 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099074.D

Acq: 4 Oct 2017 18:38

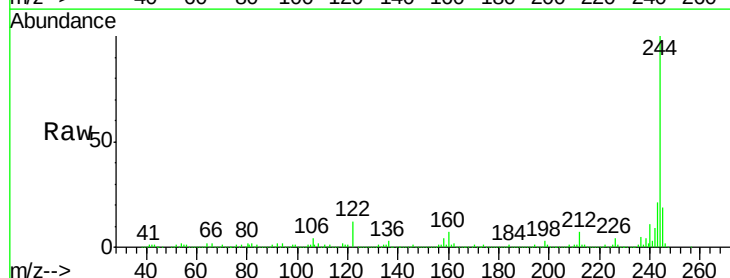
Tgt Ion:244 Resp: 916441

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

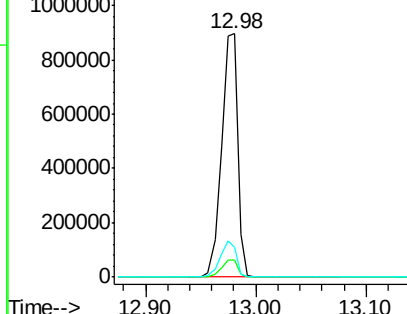
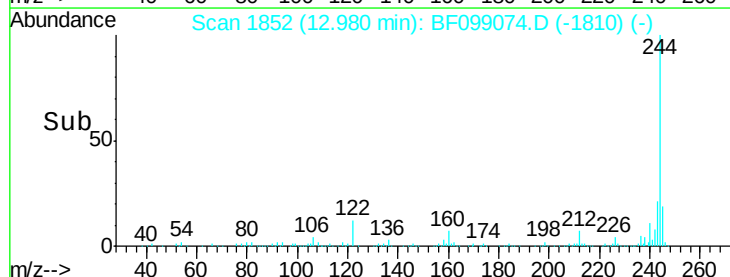
122 12.1 11.0 16.4

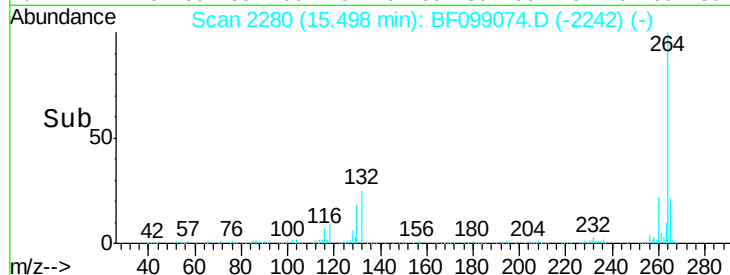
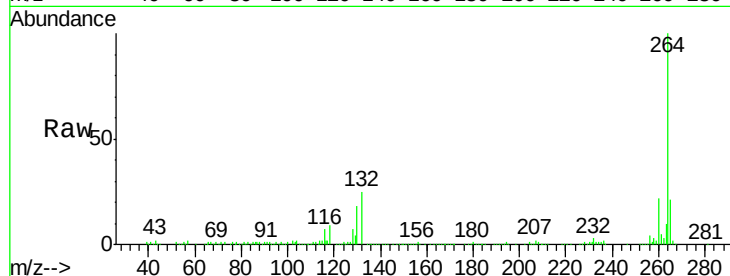
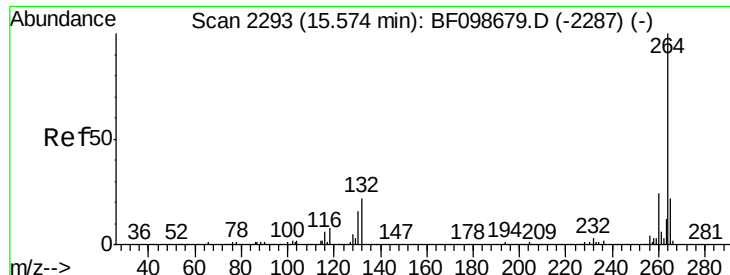


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.08 min
Lab File: BF099074.D
Acq: 4 Oct 2017 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.7	17.5	26.3

