

Data Path : Z:\HPCHEM1\BNA F\Data\BF012315\
 Data File : BF077041.D
 Acq On : 23 Jan 2015 17:12
 Operator : TP/IZ
 Sample : G7058-13
 Misc : QUANT AS REG SAMPLE
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 22:44:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 22:30:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	22544	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	94157	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	50392	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	86255	20.00	ng	0.00
75) Chrysene-d12	21.15	240	80844	20.00	ng	0.00
86) Perylene-d12	22.78	264	75619	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.78	112	167962	122.50	ng	-0.01
7) Phenol-d6	7.17	99	221952	128.32	ng	0.00
23) Nitrobenzene-d5	9.06	82	143112	84.21	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	58527	143.08	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	298274	90.08	ng	0.00
78) Terphenyl-d14	19.88	244	322254	91.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.17	88	2236	3.81	ng	# 12
6) Aniline	7.20	93	5582	2.33	ng	# 1
8) 2-Chlorophenol	7.29	128	77924	49.30	ng	98
10) Phenol	7.20	94	279155	151.98	ng	92
12) 1,3-Dichlorobenzene	7.61	146	284789	158.36	ng	96
13) 1,4-Dichlorobenzene	7.81	146	191425	100.38	ng	99
14) 1,2-Dichlorobenzene	8.13	146	418352	238.08	ng	99
18) Hexachloroethane	8.87	117	119885	180.74	ng	89
24) Nitrobenzene	9.12	77	368504	212.84	ng	99
25) Isophorone	9.73	82	776198	250.77	ng	95
29) 2,4-Dichlorophenol	10.46	162	185026	148.27	ng	94
30) 1,2,4-Trichlorobenzene	10.60	180	253602	182.98	ng	98
31) Naphthalene	10.73	128	852113	175.78	ng	99
36) 4-Chloro-3-methylphenol	12.27	107	87787	61.44	ng	98
37) 2-Methylnaphthalene	12.38	142	116734	35.26	ng	96
42) 2,4,6-Trichlorophenol	13.13	196	20163	22.21	ng	89
46) 2-Chloronaphthalene	13.51	162	247799	80.61	ng	96
49) Dimethylphthalate	14.40	163	17676	4.95	ng	# 94
51) Acenaphthene	14.88	154	365485	124.23	ng	96
57) Fluorene	16.06	166	538901	148.42	ng	99
59) Diethylphthalate	16.05	149	198391	54.93	ng	98
60) 4-Chlorophenyl-phenylether	16.16	204	356397	239.90	ng	# 83
61) 4-Nitroaniline	16.16	138	1989	3.57	ng	# 15
66) 4-Bromophenyl-phenylether	17.01	248	108405	124.05	ng	90
70) Phenanthrene	17.67	178	502625	93.44	ng	99
71) Anthracene	17.74	178	170379	32.48	ng	98
73) Di-n-butylphthalate	18.64	149	524431	89.05	ng	99
74) Fluoranthene	19.33	202	535625	97.18	ng	96
77) Pyrene	19.61	202	652248	117.72	ng	100
79) Butylbenzylphthalate	20.55	149	597840	238.25	ng	90
80) Benzo(a)anthracene	21.18	228	395609	78.00	ng	97
82) Chrysene	21.18	228	399341	86.33	ng	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	876541	252.47	ng	100
84) Di-n-octyl phthalate	22.06	149	1605166	266.39	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 22:30:04 2015
Response via : Initial Calibration

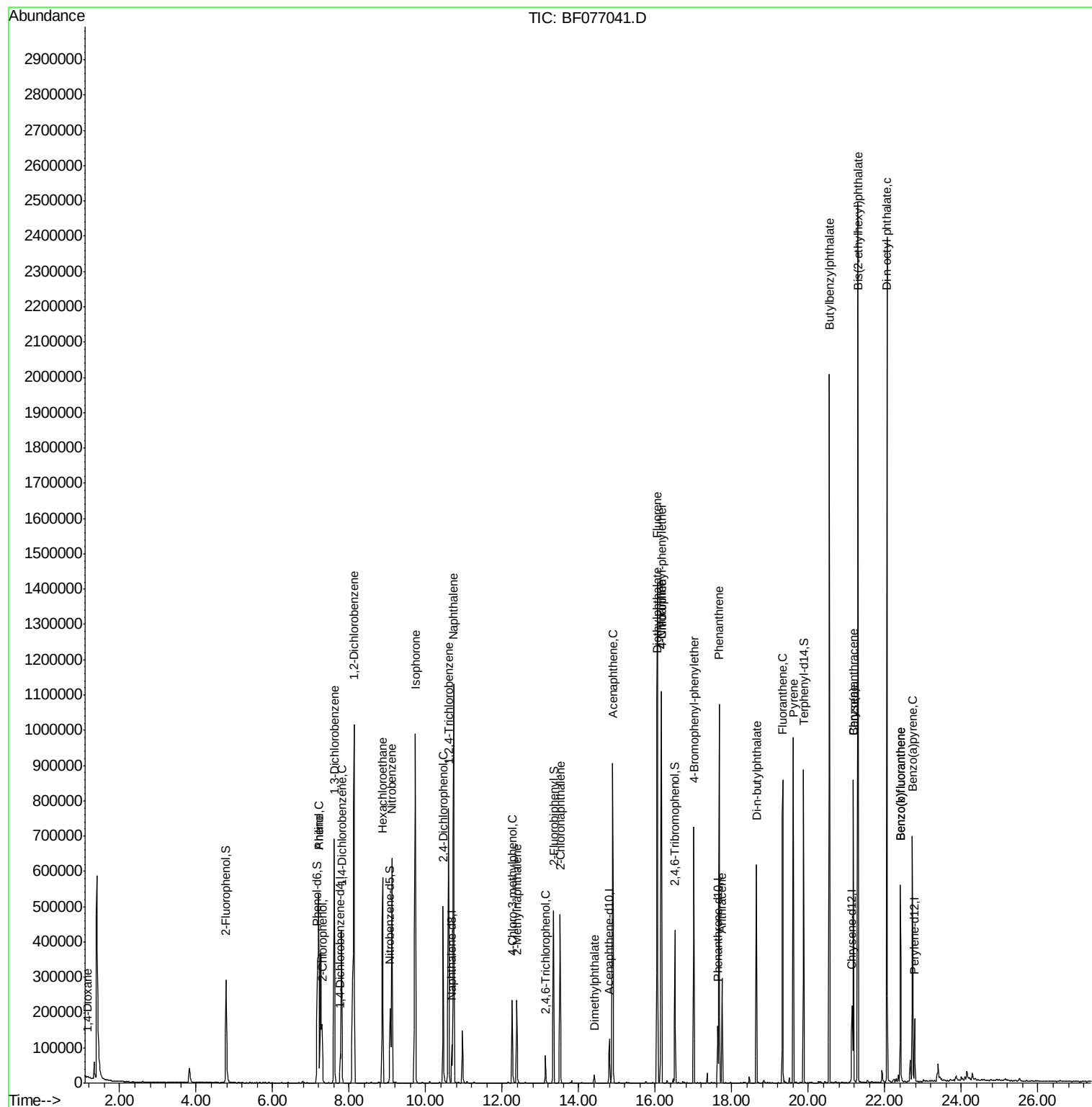
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	22.40	252	285804	56.12	nq	100
88) Benzo(k)fluoranthene	22.40	252	289665	65.10	nq	# 97
89) Benzo(a)pyrene	22.72	252	334896	74.55	nq	# 96

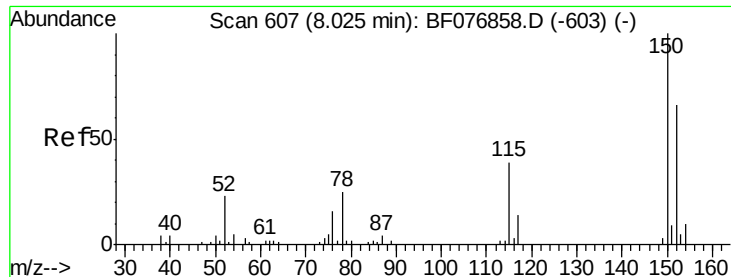
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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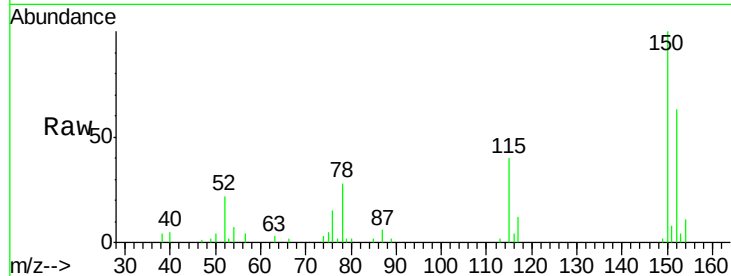


#1

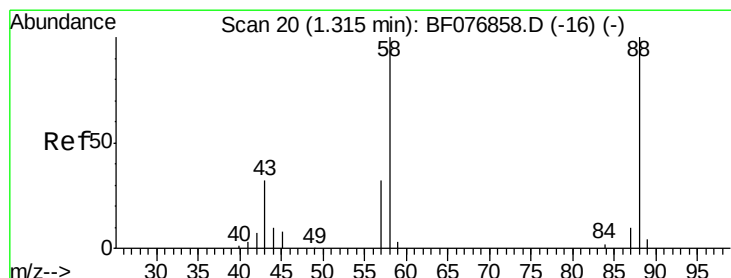
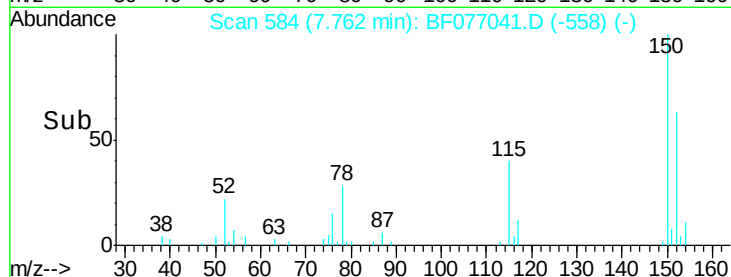
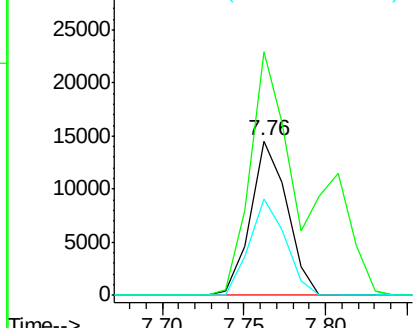
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 22544
Ion Ratio Lower Upper
152 100
150 157.6 121.7 182.5
115 62.3 47.0 70.6



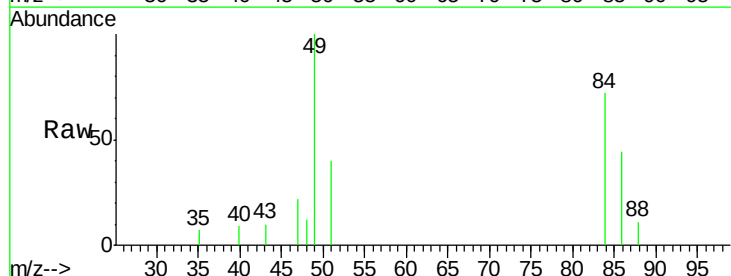
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



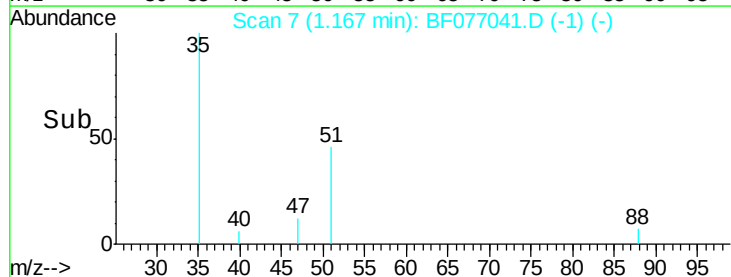
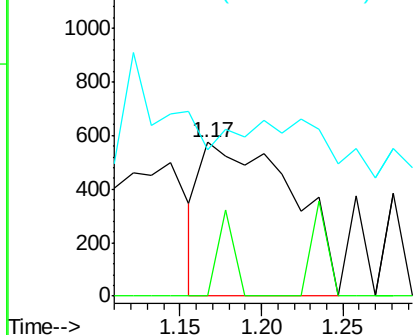
#2

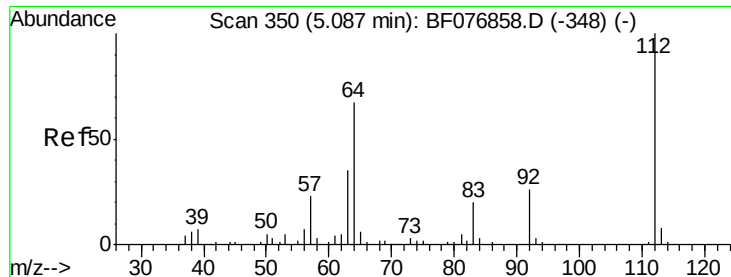
1,4-Dioxane
Concen: 3.81 ng
RT: 1.17 min Scan# 7
Delta R.T. 0.00 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

Tgt Ion: 88 Resp: 2236
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



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





#5

2-Fluorophenol

Concen: 122.50 ng

RT: 4.78 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Instrument :

BNA_F

ClientSampled :

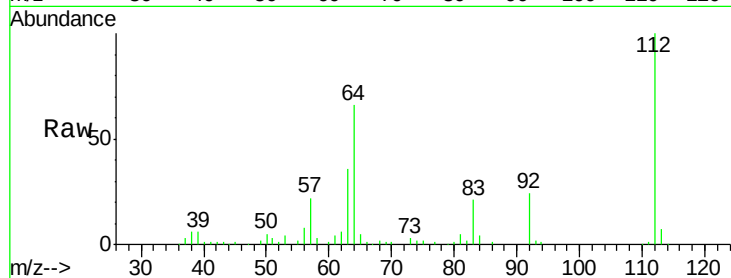
Tot Ion:112 Resp: 167962

Ion Ratio Lower Upper

112 100

64 65.8 54.2 81.4

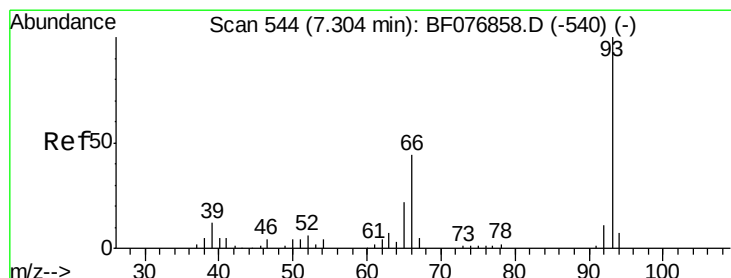
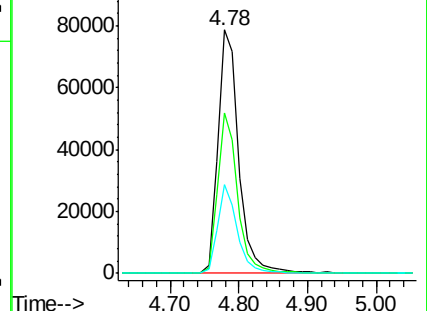
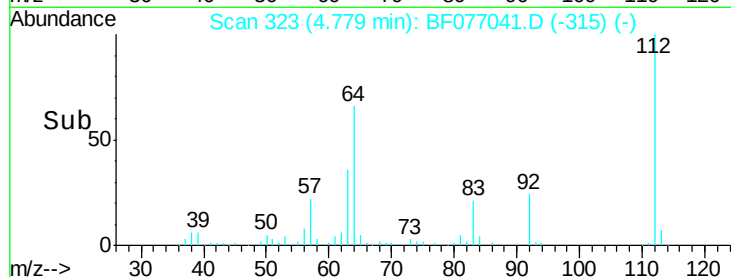
63 36.5 28.4 42.6



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: 2.33 ng

RT: 7.20 min Scan# 535

Delta R.T. 0.15 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

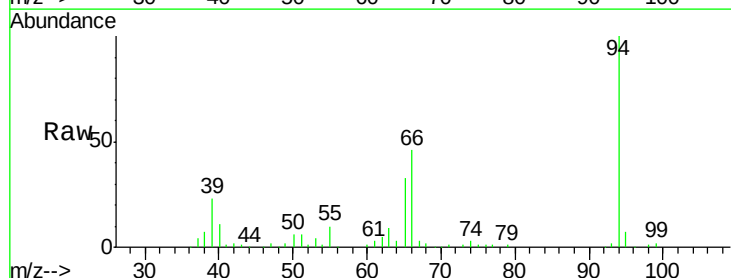
Tgt Ion: 93 Resp: 5582

Ion Ratio Lower Upper

93 100

66 2390.5 35.0 52.4#

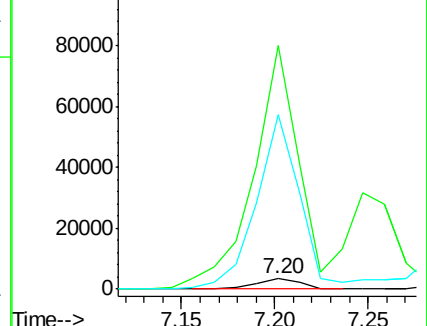
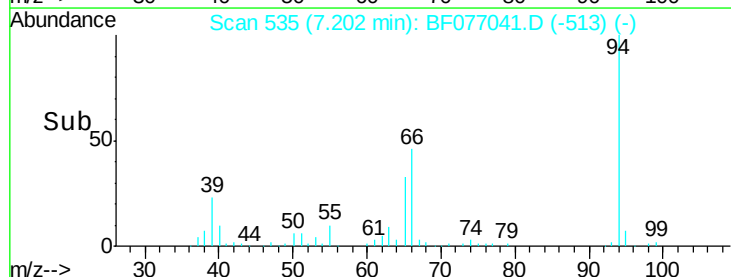
65 1707.4 17.7 26.5#

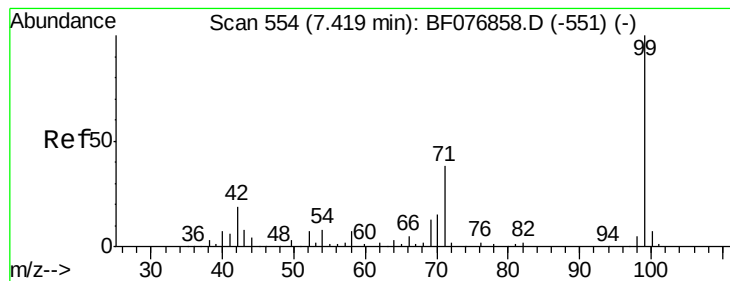


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.32 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Instrument :

BNA_F

ClientSampled :

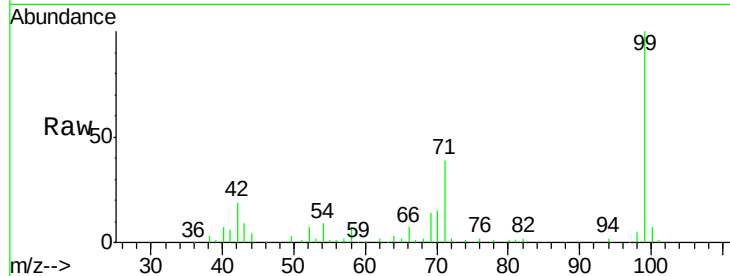
Tot Ion: 99 Resp: 221952

Ion Ratio Lower Upper

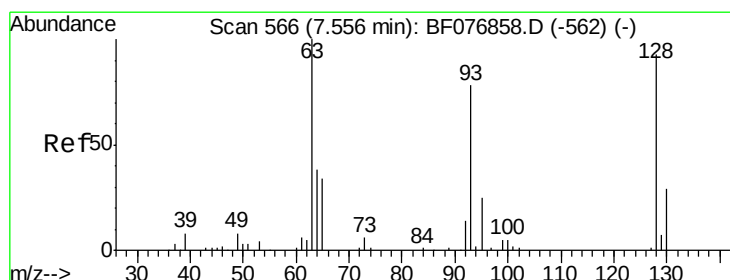
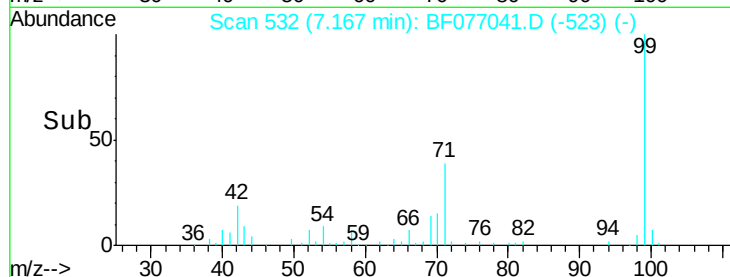
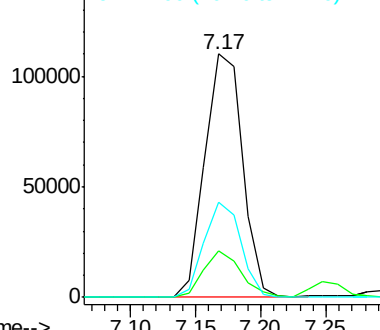
99 100

42 19.2 15.0 22.4

71 39.0 30.5 45.7



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



#8

2-Chlorophenol

Concen: 49.30 ng

RT: 7.29 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

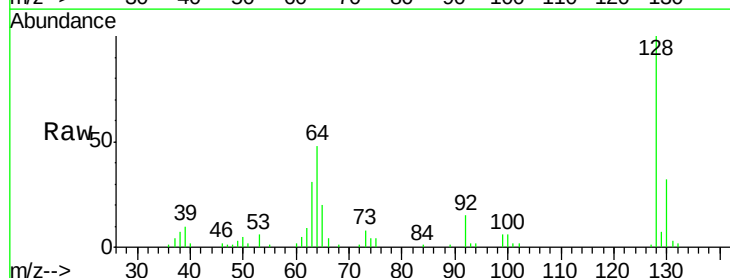
Tgt Ion: 128 Resp: 77924

Ion Ratio Lower Upper

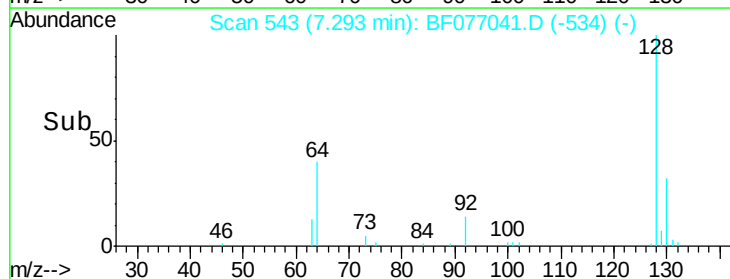
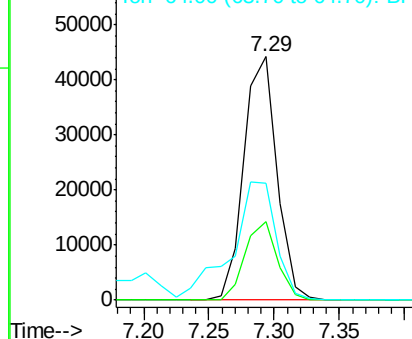
128 100

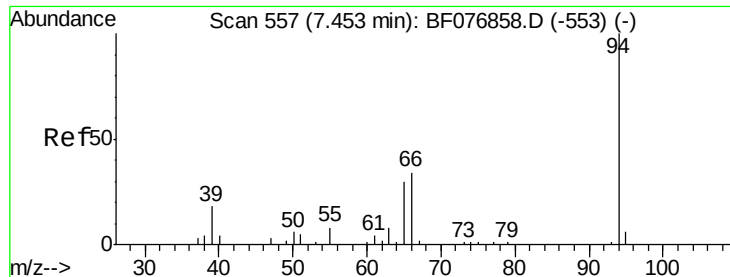
130 32.1 11.0 51.0

64 48.1 29.3 69.3



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): BF0





#10

Phenol

Concen: 151.98 ng

RT: 7.20 min Scan# 535

Delta R.T. 0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Instrument :

BNA_F

ClientSampled :

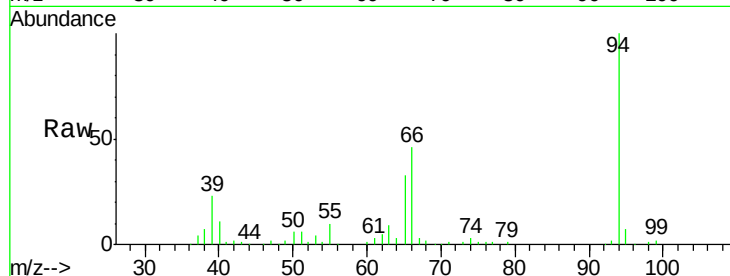
Tot Ion: 94 Resp: 279155

Ion Ratio Lower Upper

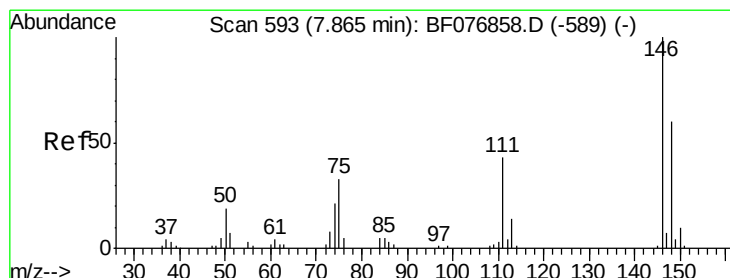
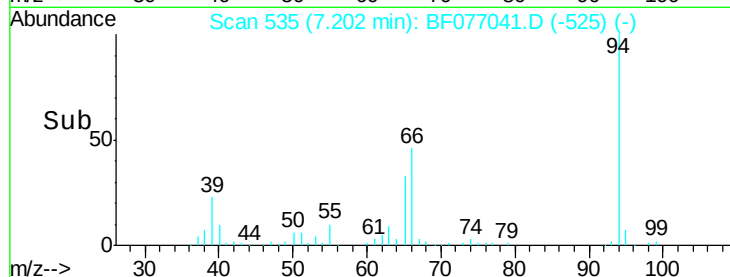
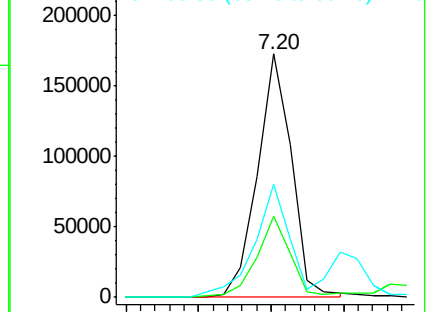
94 100

65 33.2 11.3 51.3

66 46.5 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#12

1,3-Dichlorobenzene

Concen: 158.36 ng

RT: 7.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

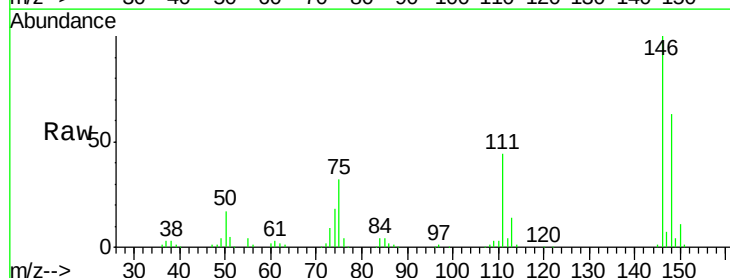
Tgt Ion: 146 Resp: 284789

Ion Ratio Lower Upper

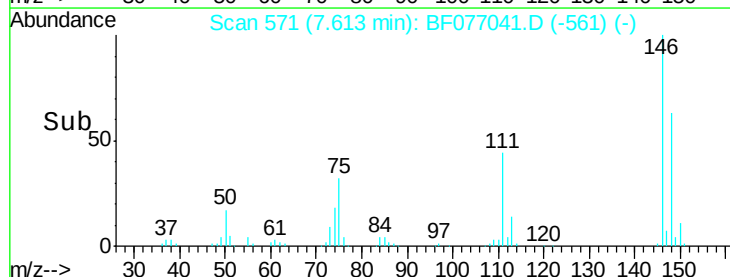
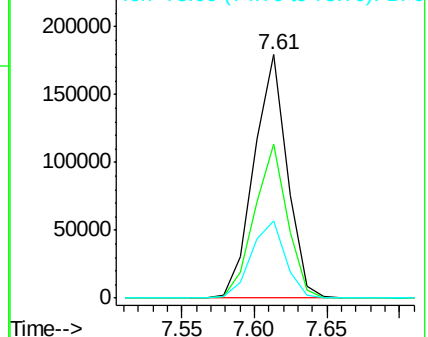
146 100

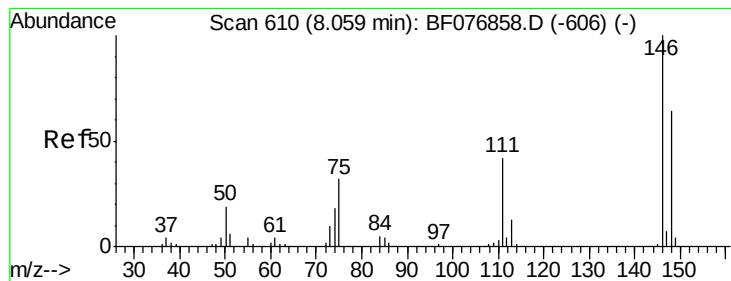
148 63.2 48.1 72.1

75 31.9 26.8 40.2



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): BF0





#13

1,4-Dichlorobenzene

Concen: 100.38 ng

RT: 7.81 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Instrument :

BNA_F

ClientSampleId :

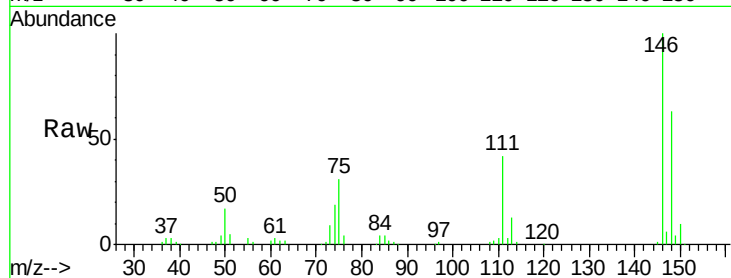
Tot Ion:146 Resp: 191425

Ion Ratio Lower Upper

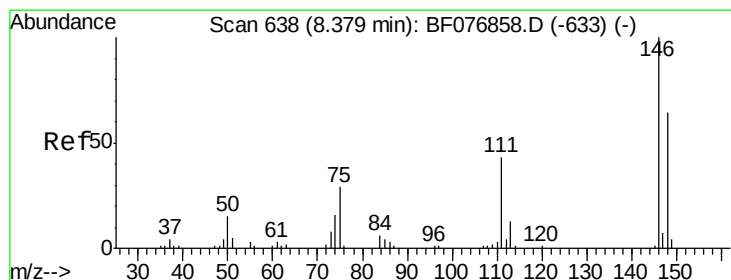
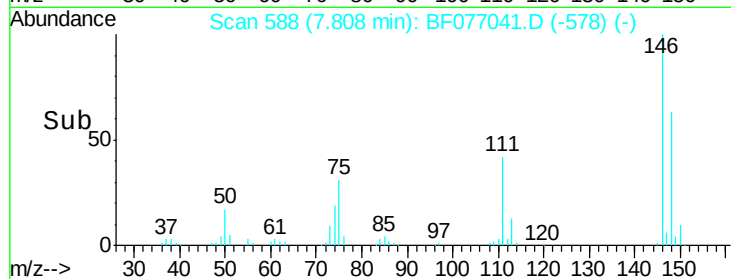
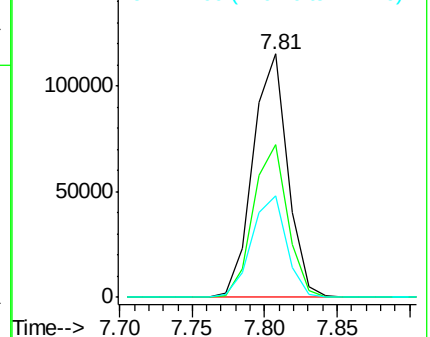
146 100

148 63.0 51.5 77.3

111 41.8 33.9 50.9



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: 238.08 ng

RT: 8.13 min Scan# 616

Delta R.T. 0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

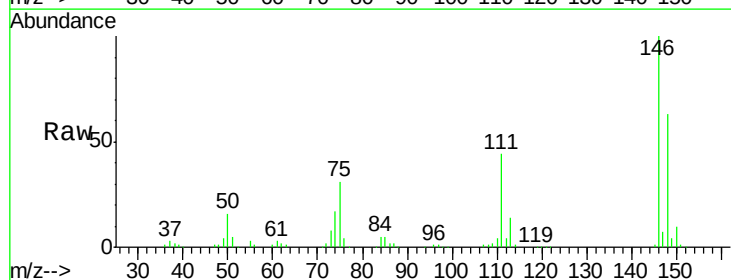
Tgt Ion:146 Resp: 418352

Ion Ratio Lower Upper

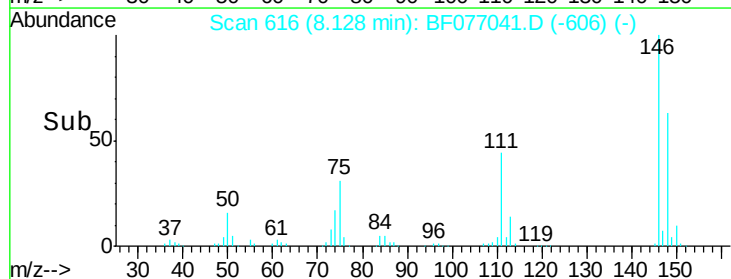
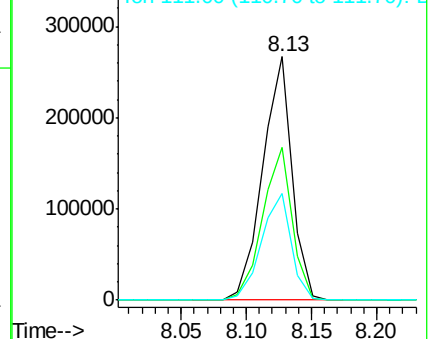
146 100

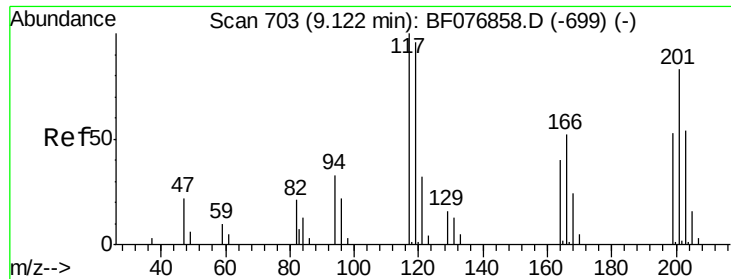
148 62.7 51.3 76.9

111 43.7 34.5 51.7



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

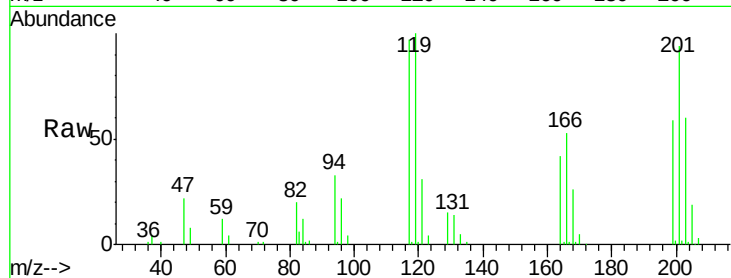




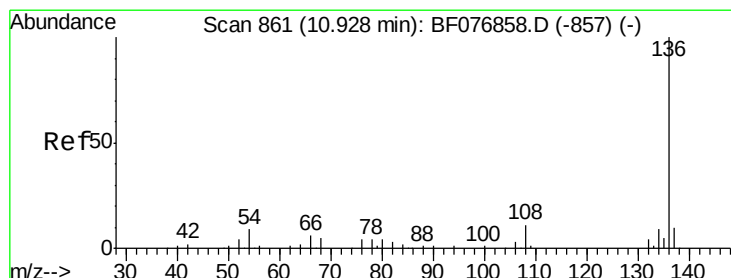
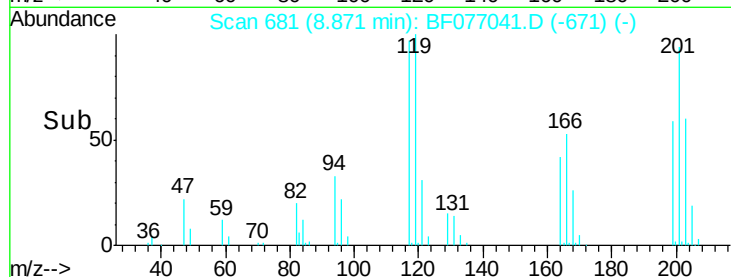
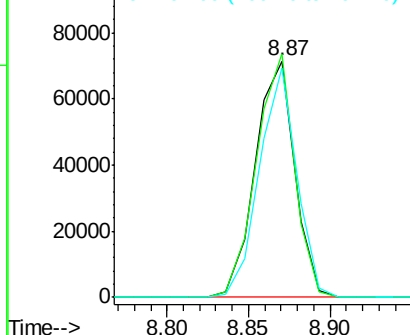
#18
Hexachloroethane
Concen: 180.74 ng
RT: 8.87 min Scan# 681
Delta R.T. 0.01 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 119885
Ion Ratio Lower Upper
117 100
119 103.2 77.1 115.7
201 97.1 66.8 100.2

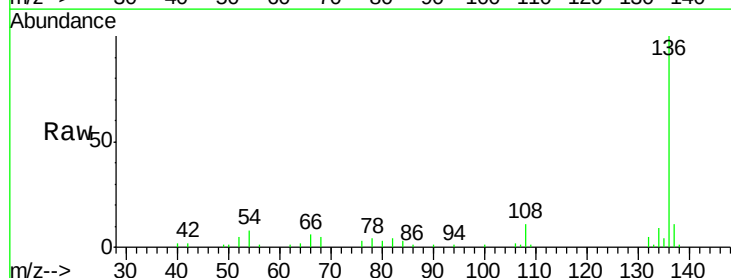


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

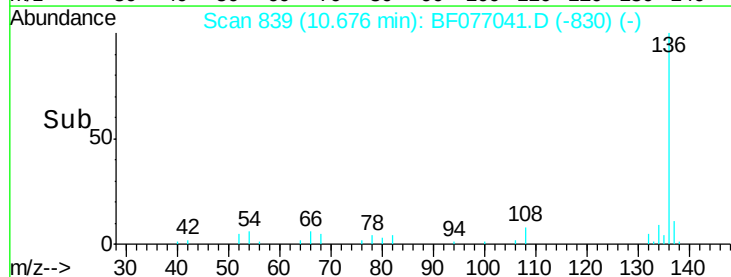
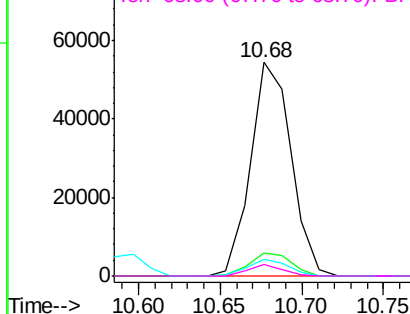


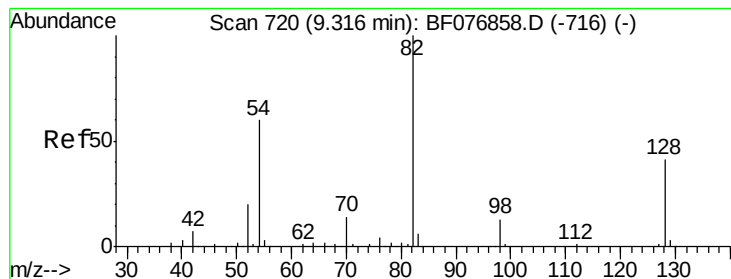
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

Tgt Ion:136 Resp: 94157
Ion Ratio Lower Upper
136 100
137 11.0 8.1 12.1
54 7.8 7.0 10.4
68 5.4 3.7 5.5



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





#23

Nitrobenzene-d5

Concen: 84.21 ng

RT: 9.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Instrument :

BNA_F

ClientSampled :

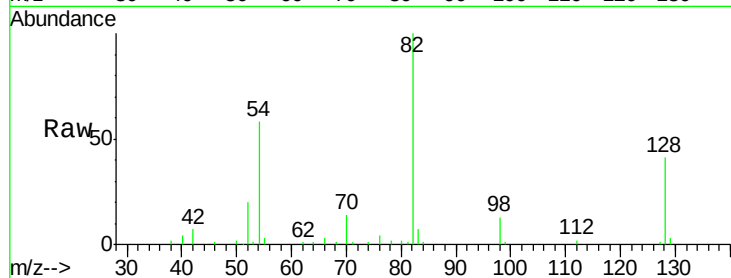
Tot Ion: 82 Resp: 143112

Ion Ratio Lower Upper

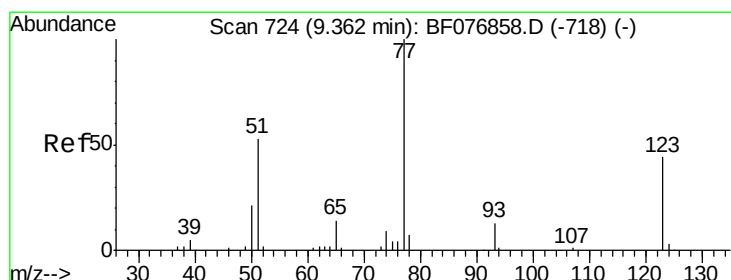
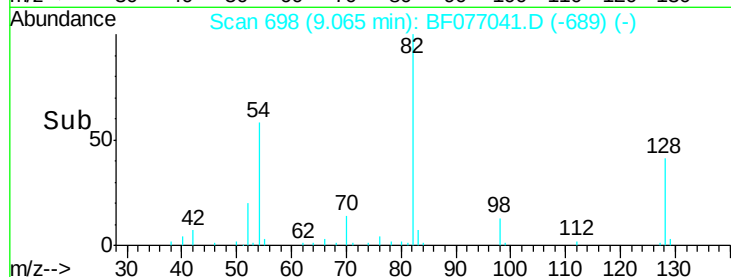
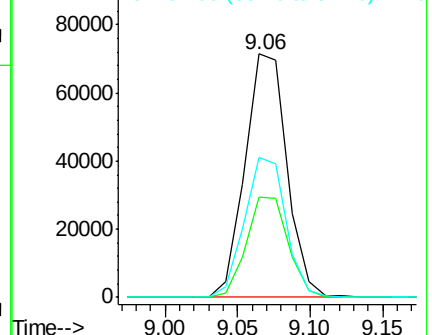
82 100

128 41.4 33.1 49.7

54 57.6 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 212.84 ng

RT: 9.12 min Scan# 703

Delta R.T. 0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

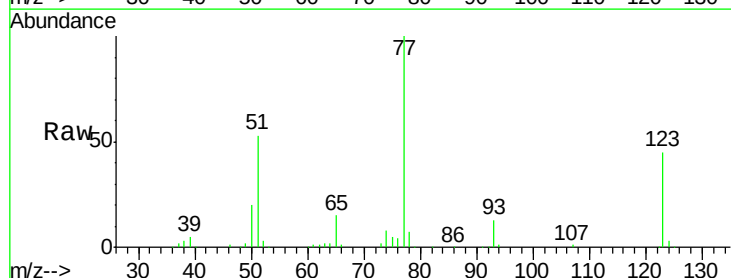
Tgt Ion: 77 Resp: 368504

Ion Ratio Lower Upper

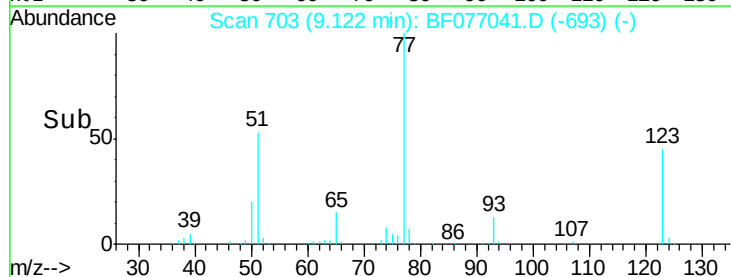
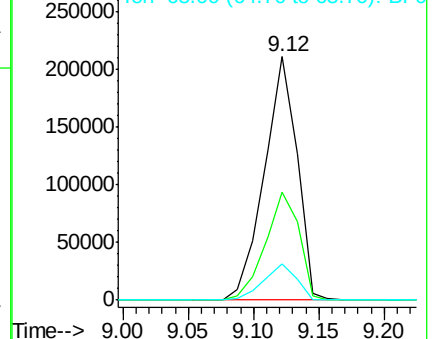
77 100

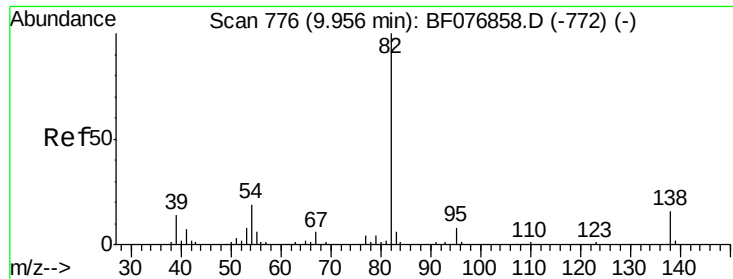
123 44.5 35.2 52.8

65 15.0 11.4 17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 250.77 ng

RT: 9.73 min Scan# 756

Delta R.T. 0.02 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Instrument :

BNA_F

ClientSampleId :

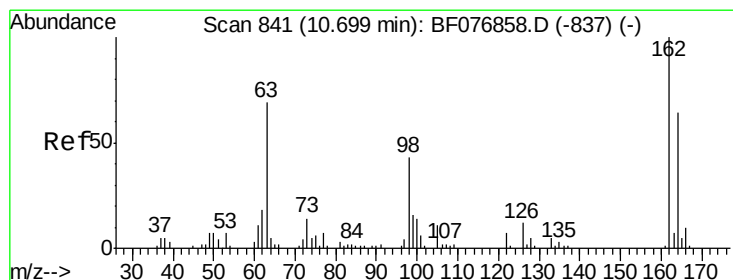
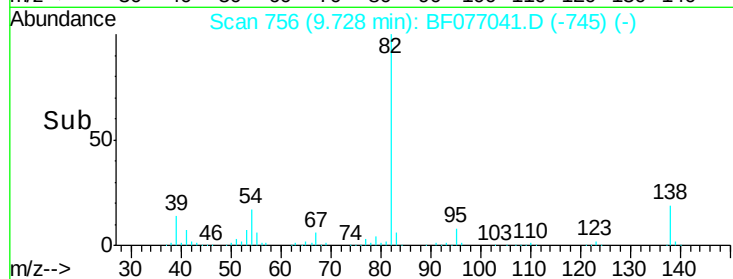
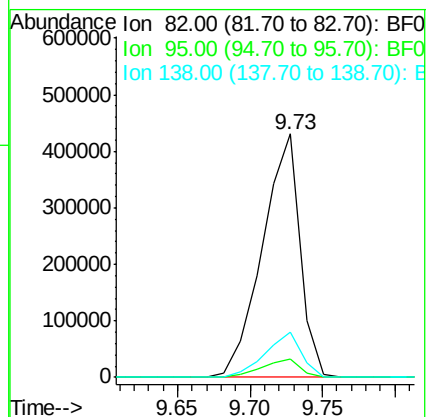
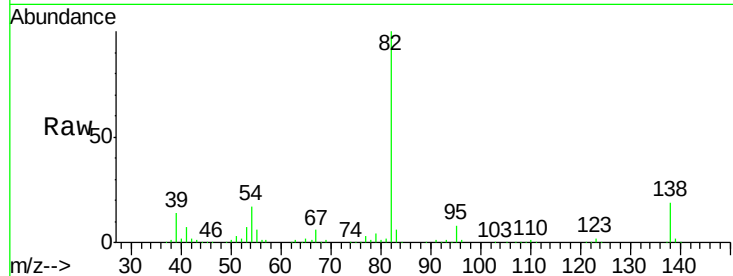
Tot Ion: 82 Resp: 776198

Ion Ratio Lower Upper

82 100

95 7.6 6.6 10.0

138 18.6 12.6 18.8



#29

2,4-Dichlorophenol

Concen: 148.27 ng

RT: 10.46 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

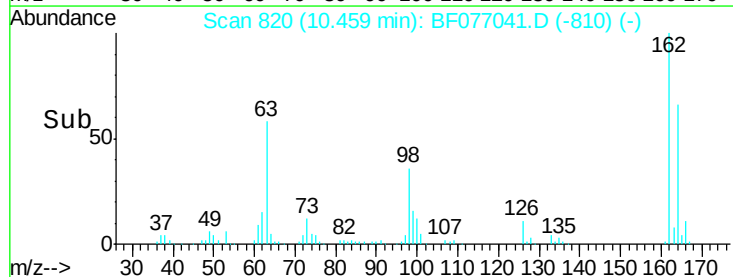
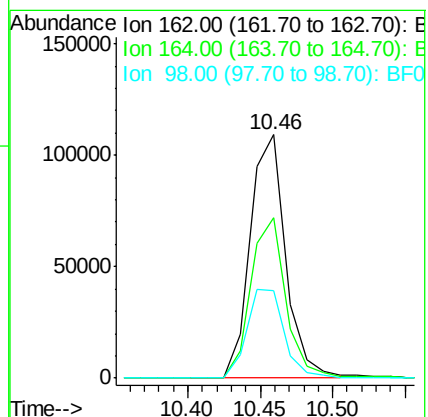
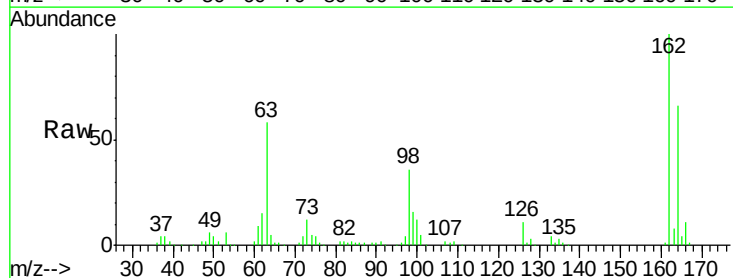
Tgt Ion: 162 Resp: 185026

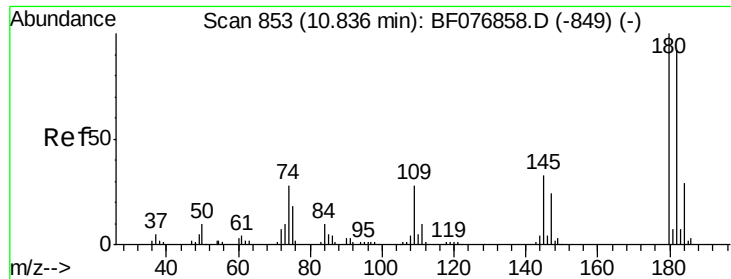
Ion Ratio Lower Upper

162 100

164 65.9 43.8 83.8

98 36.1 22.5 62.5

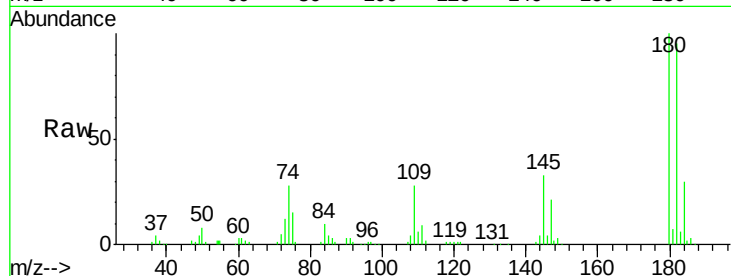




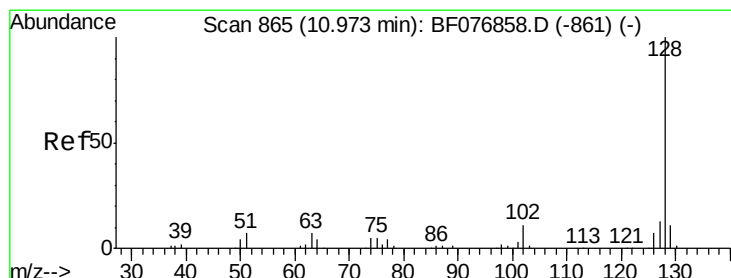
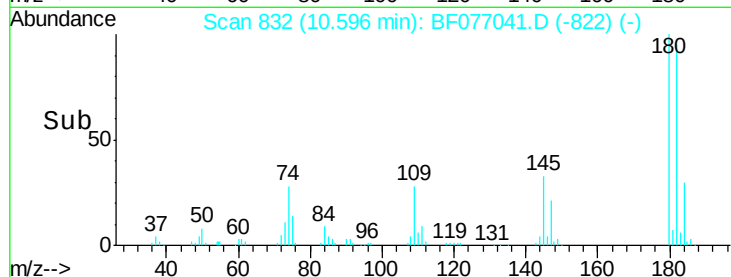
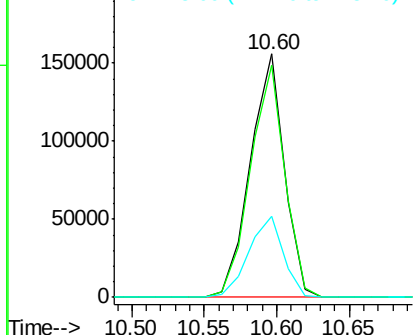
#30
 1,2,4-Trichlorobenzene
 Concen: 182.98 ng
 RT: 10.60 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF077041.D
 Acq: 23 Jan 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 253602
 Ion Ratio Lower Upper
 180 100
 182 95.1 73.6 110.4
 145 33.3 26.6 39.8

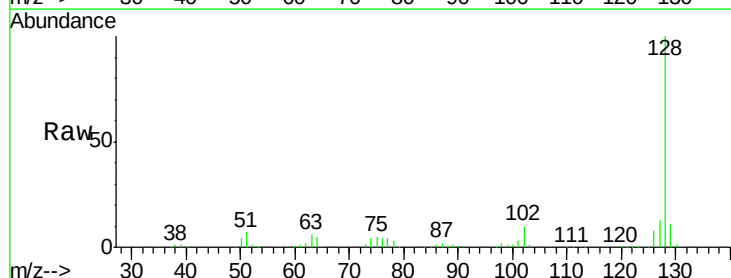


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

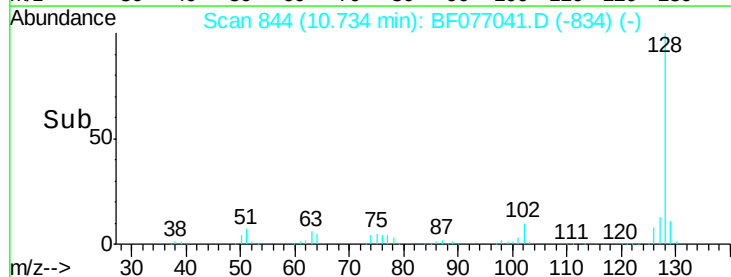
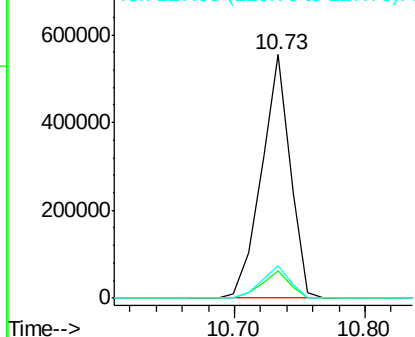


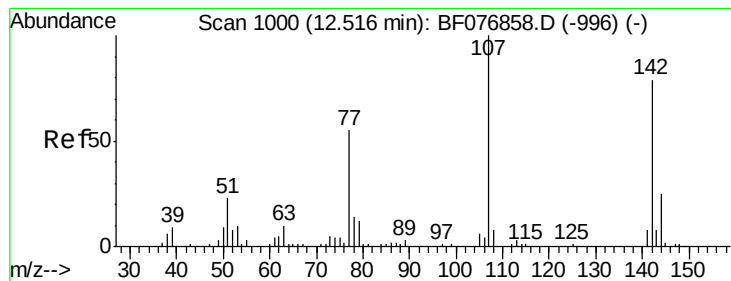
#31
 Naphthalene
 Concen: 175.78 ng
 RT: 10.73 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF077041.D
 Acq: 23 Jan 2015 17:12

Tgt Ion:128 Resp: 852113
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.0 13.6
 127 13.3 10.2 15.2



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





#36

4-Chloro-3-methylphenol

Concen: 61.44 ng

RT: 12.27 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Instrument :

BNA_F

ClientSampleId :

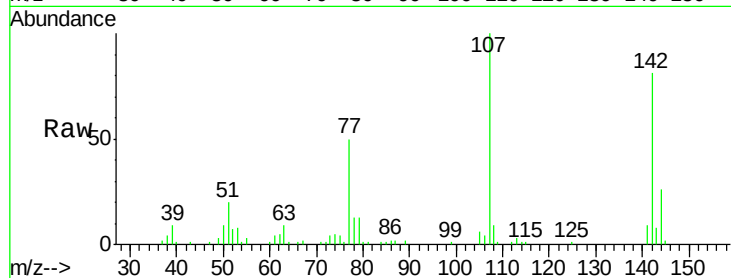
Tot Ion:107 Resp: 87787

Ion Ratio Lower Upper

107 100

144 26.2 20.0 30.0

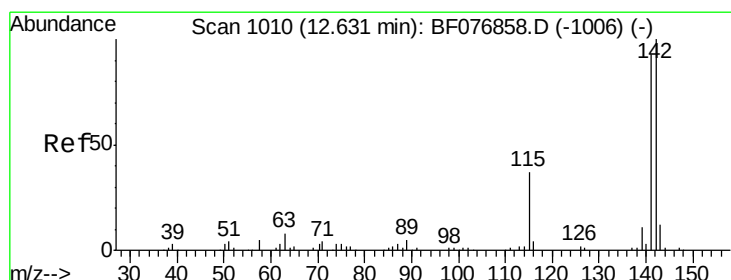
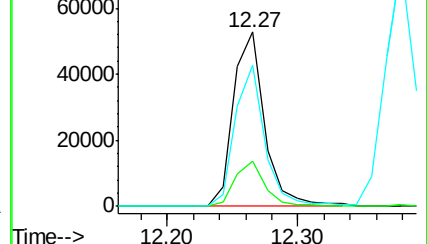
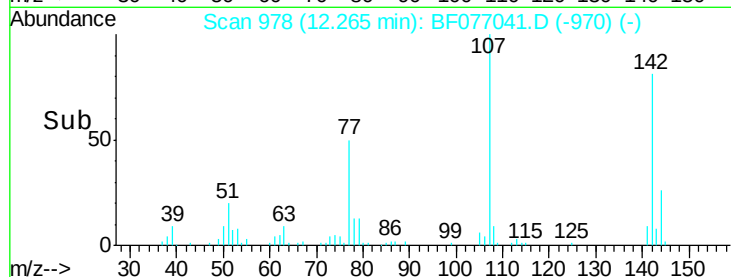
142 80.8 63.5 95.3



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: 35.26 ng

RT: 12.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

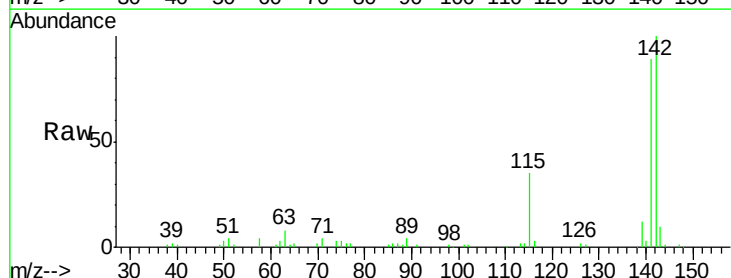
Tgt Ion:142 Resp: 116734

Ion Ratio Lower Upper

142 100

141 89.0 74.5 111.7

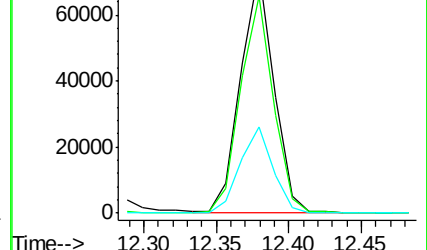
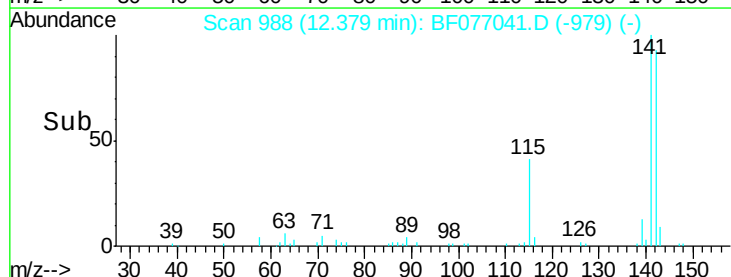
115 35.2 29.7 44.5

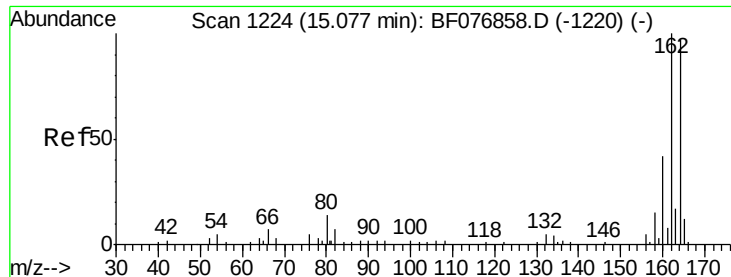


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

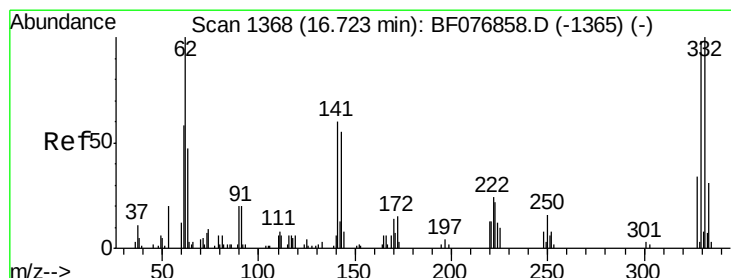
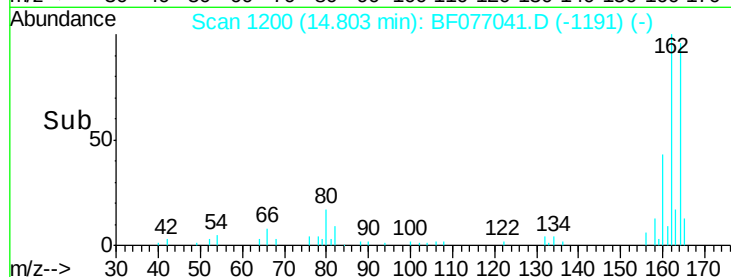
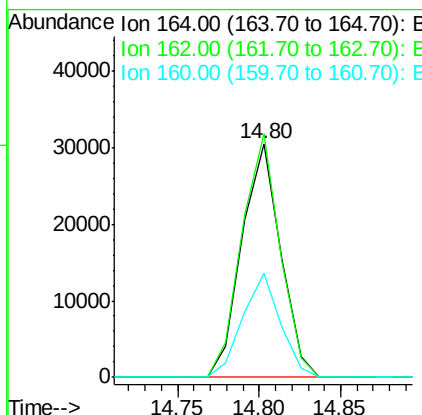
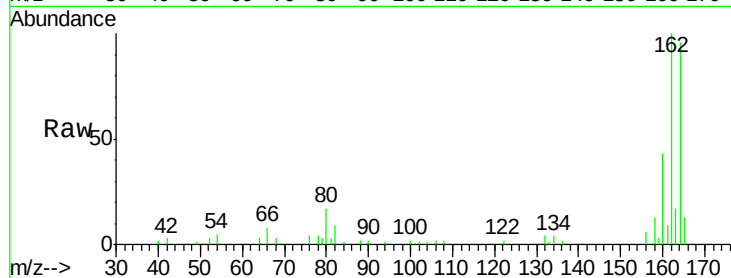




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

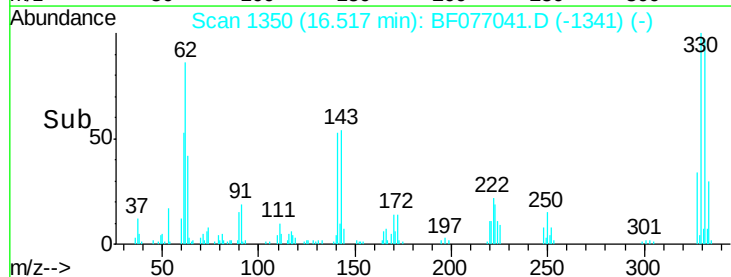
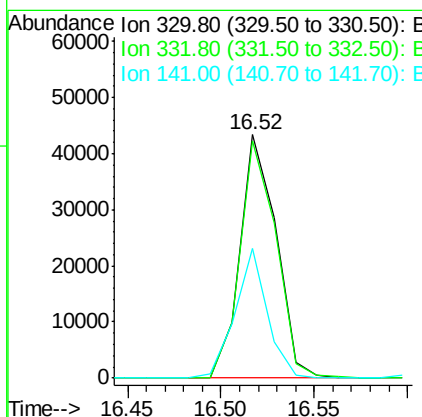
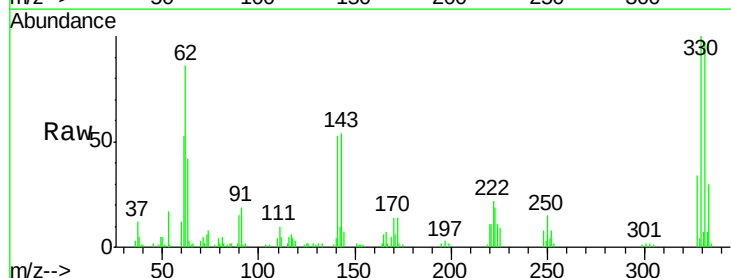
Instrument :
BNA_F
ClientSampleId :

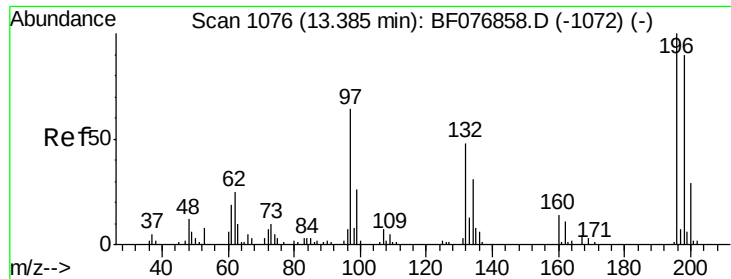
Tot Ion:164 Resp: 50392
Ion Ratio Lower Upper
164 100
162 104.1 82.4 123.6
160 44.7 34.8 52.2



#41
2,4,6-Tribromophenol
Concen: 143.08 ng
RT: 16.52 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

Tgt Ion:330 Resp: 58527
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.6
141 47.6 38.5 57.7

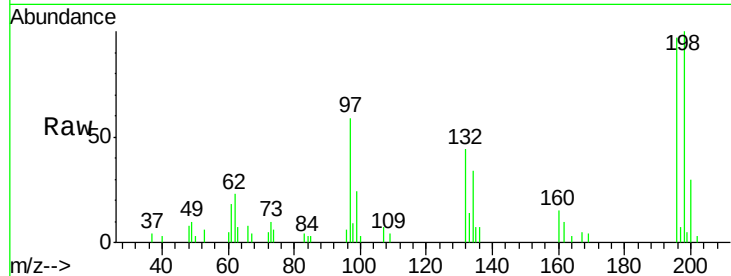




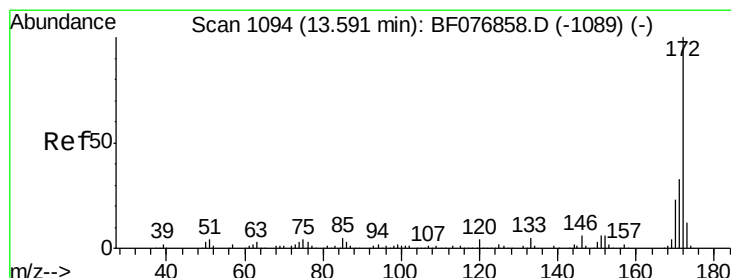
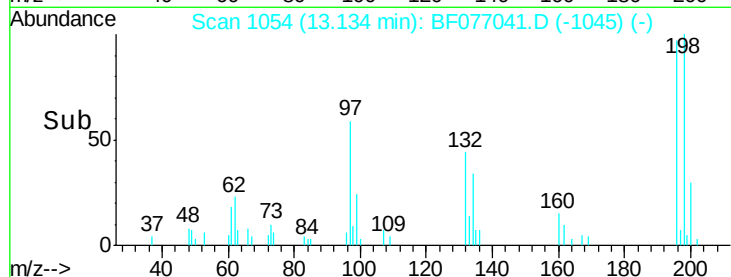
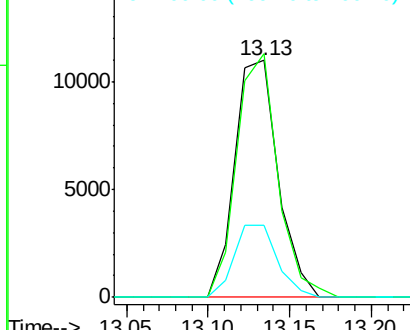
#42
 2,4,6-Trichlorophenol
 Concen: 22.21 ng
 RT: 13.13 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF077041.D
 Acq: 23 Jan 2015 17:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 20163
 Ion Ratio Lower Upper
 196 100
 198 102.8 72.0 108.0
 200 30.5 23.4 35.2

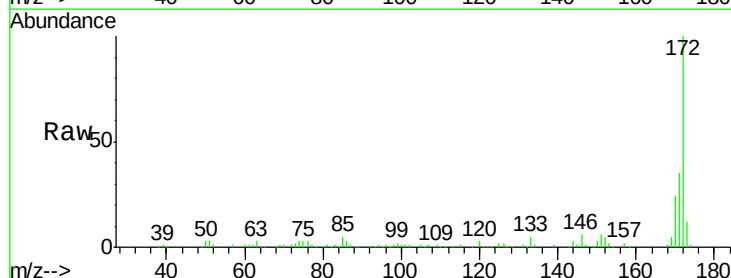


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

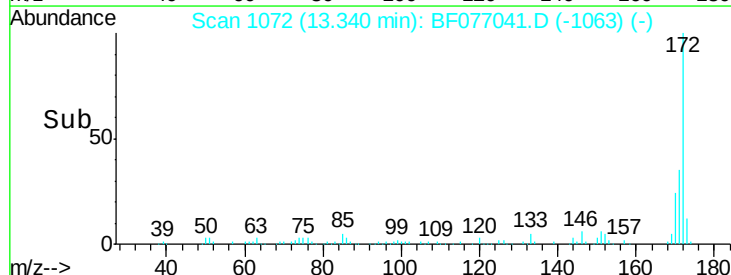
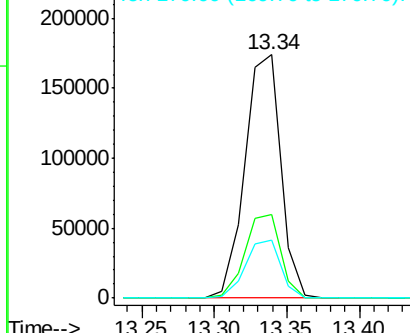


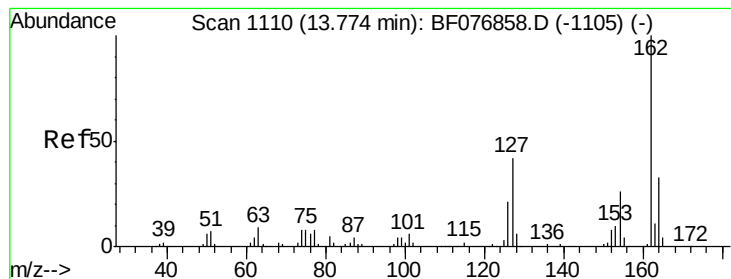
#44
 2-Fluorobiphenyl
 Concen: 90.08 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF077041.D
 Acq: 23 Jan 2015 17:12

Tgt Ion:172 Resp: 298274
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.6 40.0
 170 24.0 18.0 27.0



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





#46

2-Chloronaphthalene

Concen: 80.61 ng

RT: 13.51 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Instrument :

BNA_F

ClientSampleId :

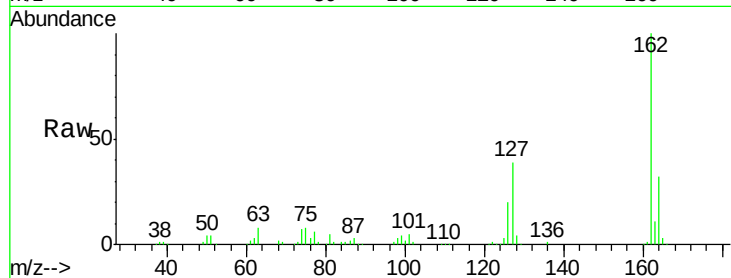
Tot Ion:162 Resp: 247799

Ion Ratio Lower Upper

162 100

127 39.4 33.8 50.6

164 31.6 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

200000

150000

100000

50000

0

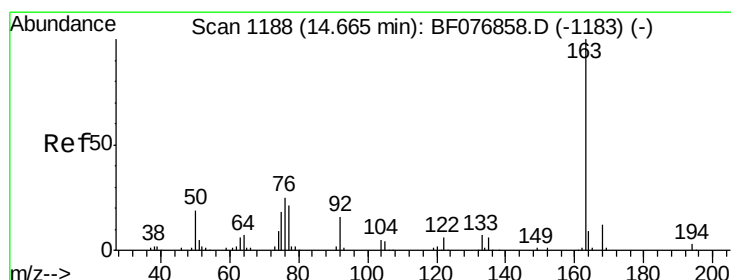
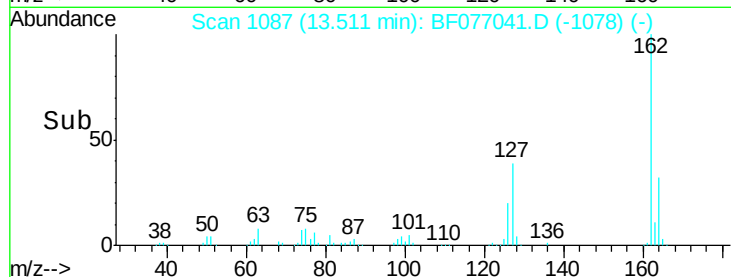
13.51

13.40

13.50

13.60

Time-->



#49

Dimethylphthalate

Concen: 4.95 ng

RT: 14.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

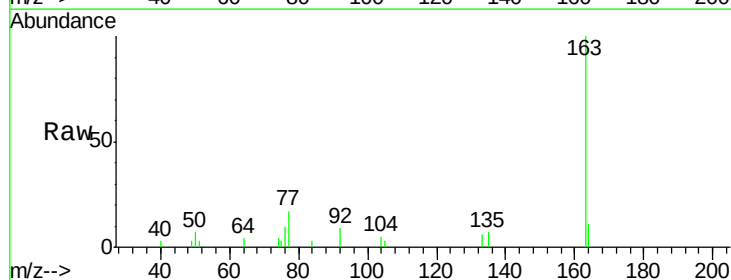
Tgt Ion:163 Resp: 17676

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

164 11.3 7.5 11.3#



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

15000

10000

5000

0

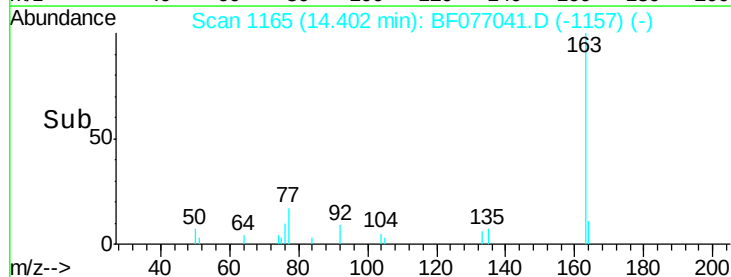
14.40

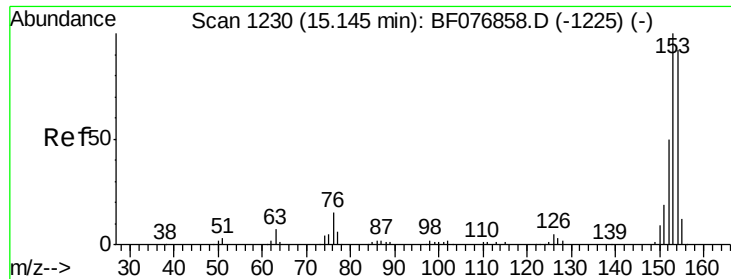
14.35

14.40

14.45

Time-->





#51

Acenaphthene

Concen: 124.23 ng

RT: 14.88 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Instrument :

BNA_F

ClientSampleId :

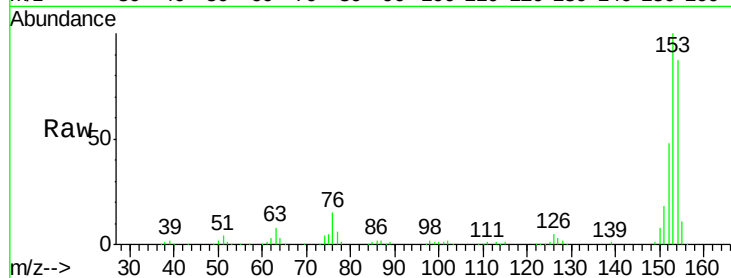
Tot Ion:154 Resp: 365485

Ion Ratio Lower Upper

154 100

153 114.4 87.0 130.6

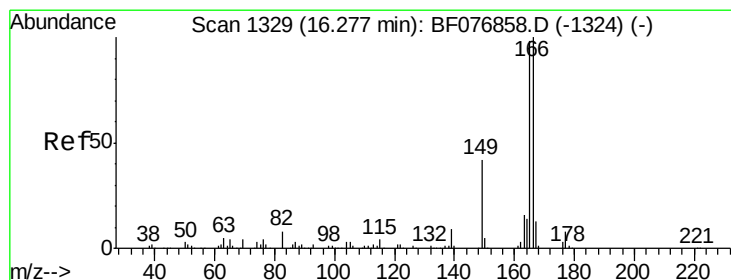
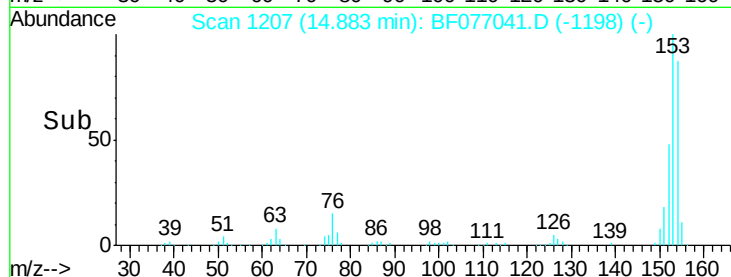
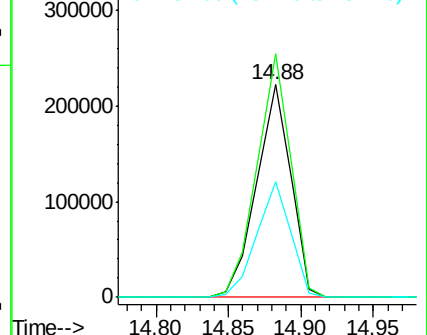
152 54.4 43.5 65.3



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



#57

Fluorene

Concen: 148.42 ng

RT: 16.06 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

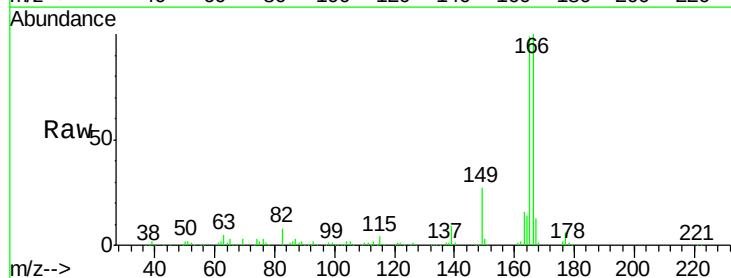
Tgt Ion:166 Resp: 538901

Ion Ratio Lower Upper

166 100

165 98.7 78.5 117.7

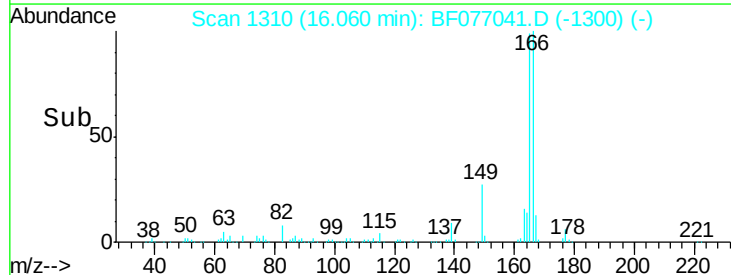
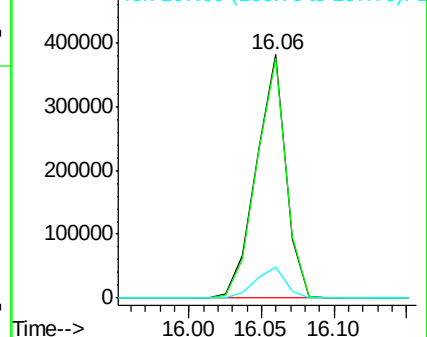
167 13.0 10.4 15.6

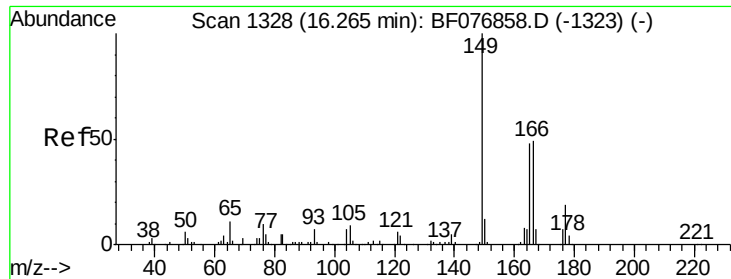


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 54.93 ng

RT: 16.05 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Instrument :

BNA_F

ClientSampleId :

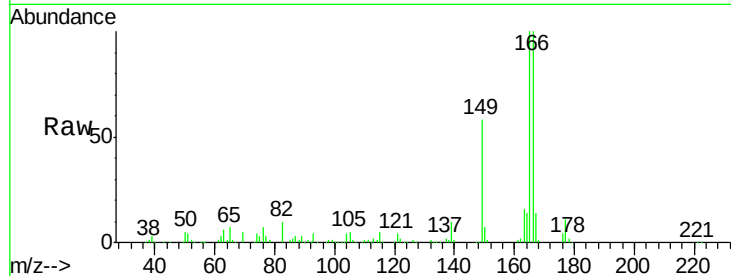
Tot Ion:149 Resp: 198391

Ion Ratio Lower Upper

149 100

177 19.2 15.0 22.6

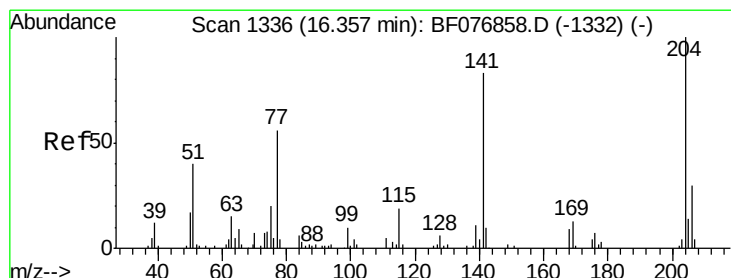
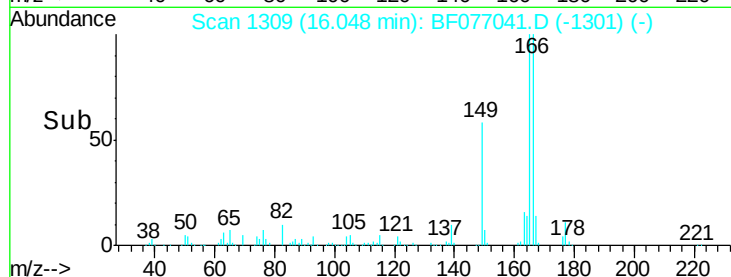
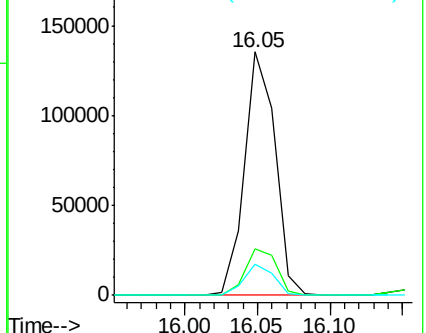
150 12.8 9.4 14.0



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



#60

4-Chlorophenyl-phenylether

Concen: 239.90 ng

RT: 16.16 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

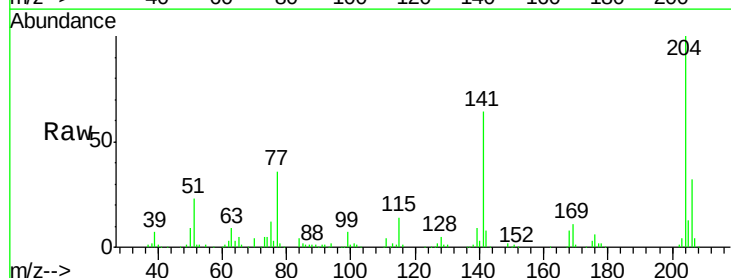
Tgt Ion:204 Resp: 356397

Ion Ratio Lower Upper

204 100

206 32.4 24.2 36.2

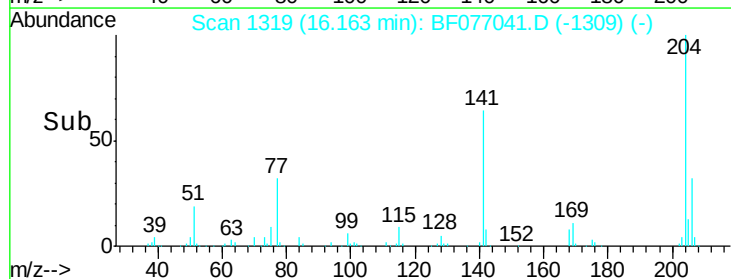
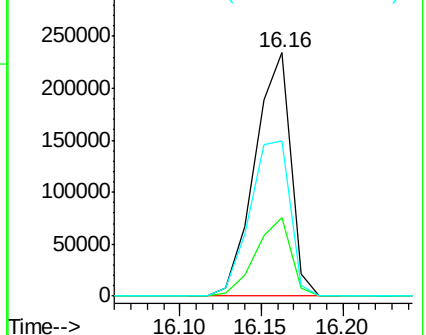
141 63.7 66.7 100.1#

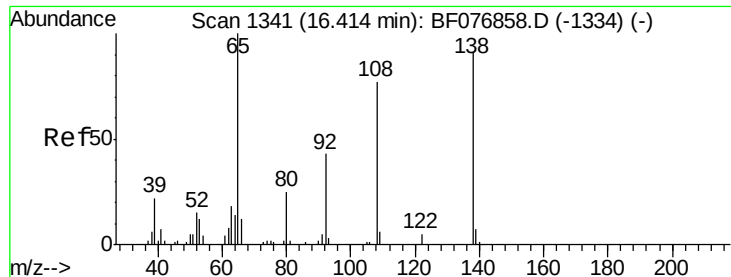


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

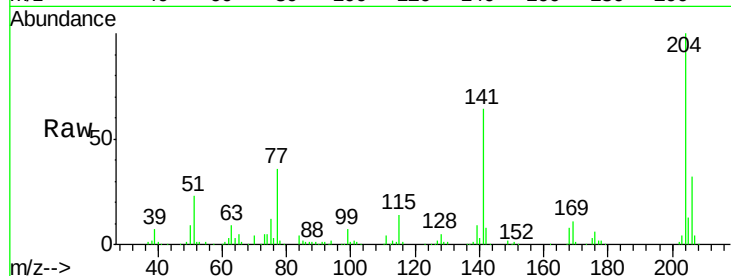




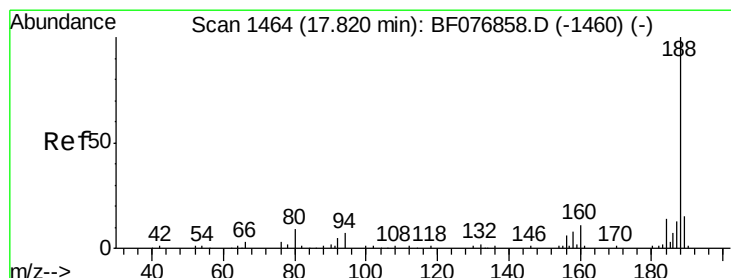
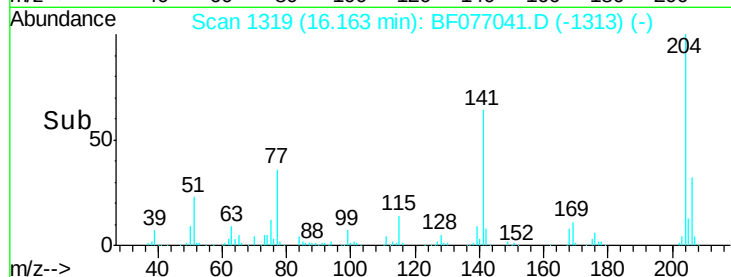
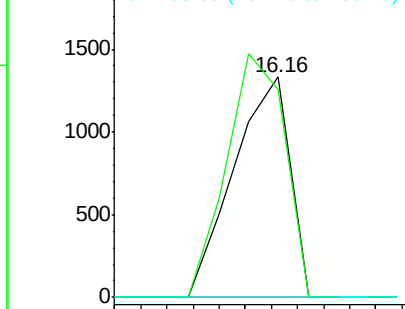
#61
4-Nitroaniline
Concen: 3.57 ng
RT: 16.16 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 1989
Ion Ratio Lower Upper
138 100
92 94.7 26.7 66.7#
108 0.0 64.5 104.5#

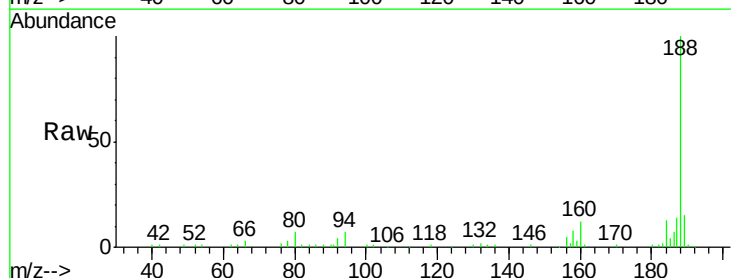


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

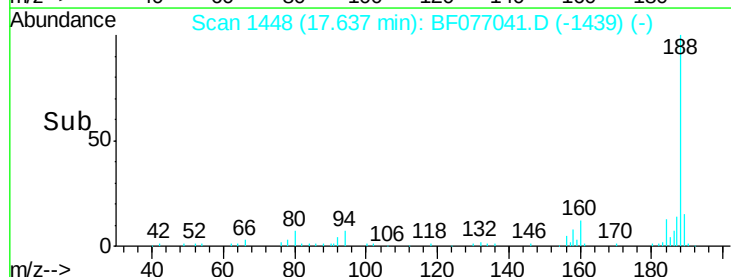
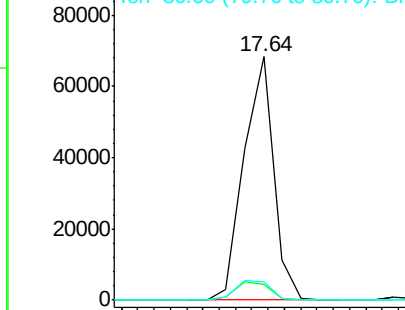


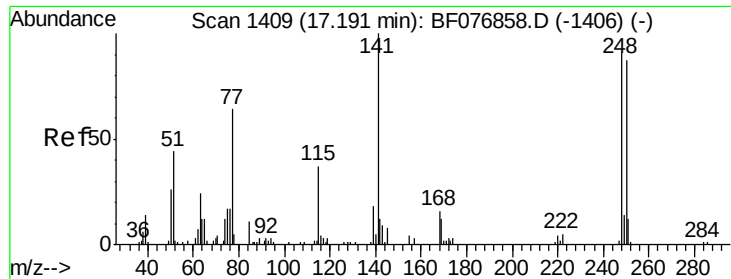
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

Tgt Ion:188 Resp: 86255
Ion Ratio Lower Upper
188 100
94 6.6 6.0 9.0
80 7.3 6.9 10.3



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

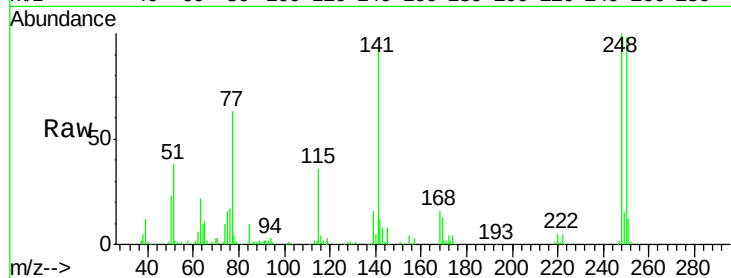




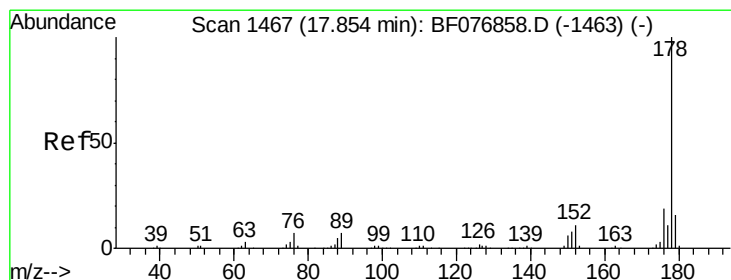
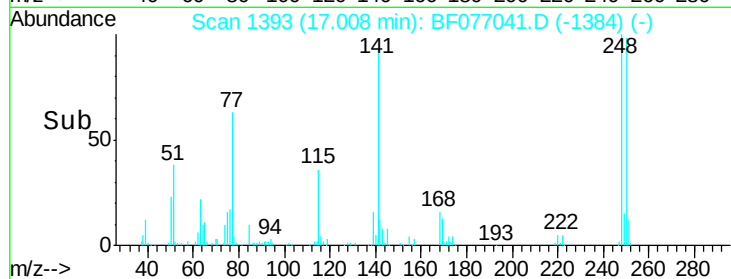
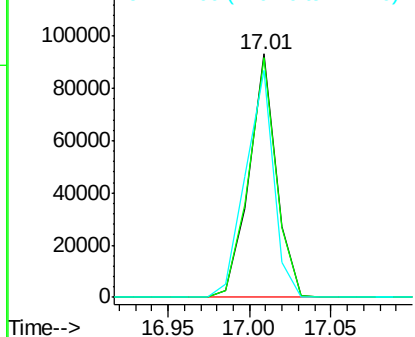
#66
4-Bromophenyl-phenylether
Concen: 124.05 ng
RT: 17.01 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 108405
Ion Ratio Lower Upper
248 100
250 98.4 77.1 115.7
141 93.2 88.2 132.4

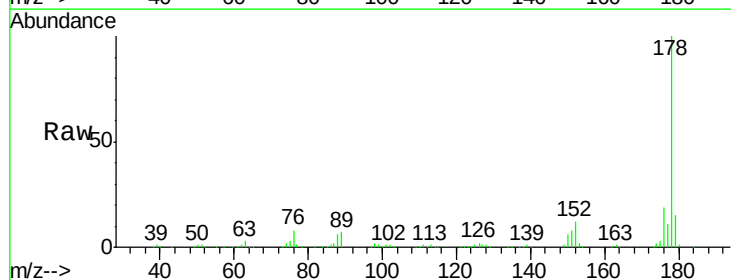


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

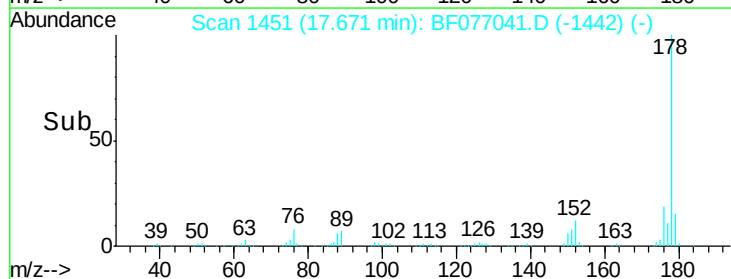
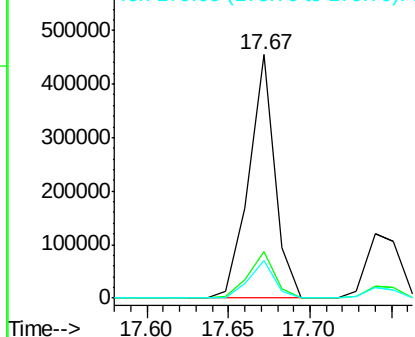


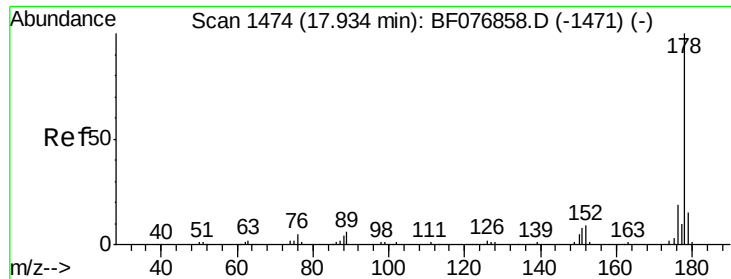
#70
Phenanthrene
Concen: 93.44 ng
RT: 17.67 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

Tgt Ion:178 Resp: 502625
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.7 19.1



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

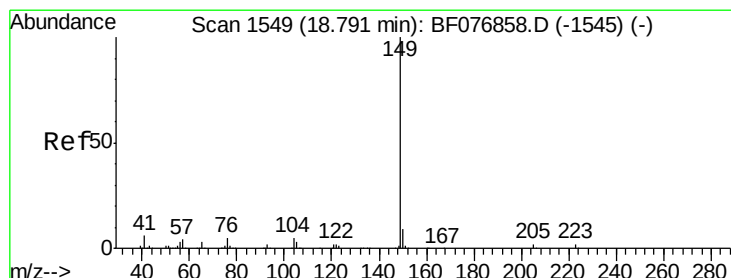
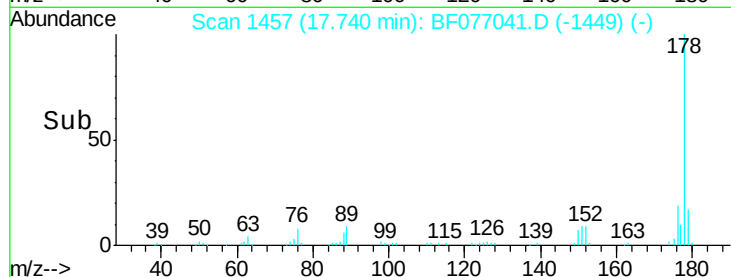
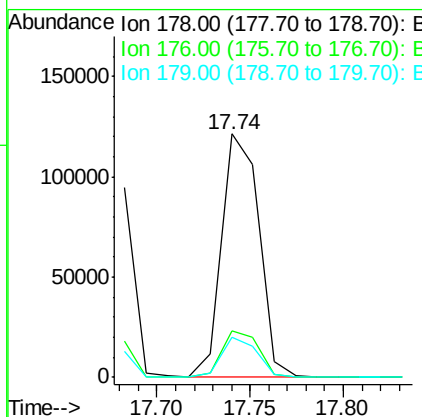
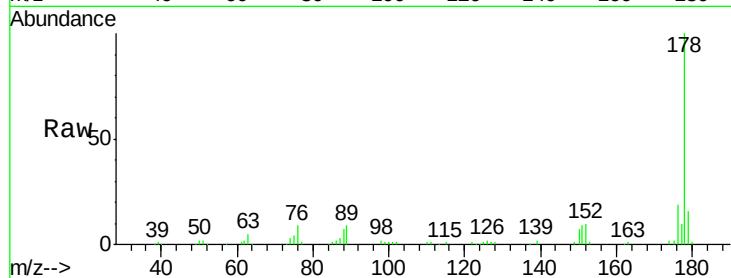




#71
 Anthracene
 Concen: 32.48 ng
 RT: 17.74 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF077041.D
 Acq: 23 Jan 2015 17:12

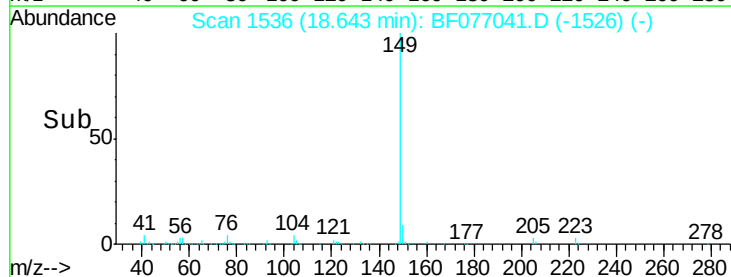
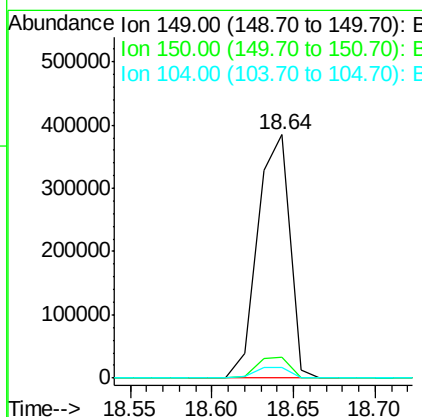
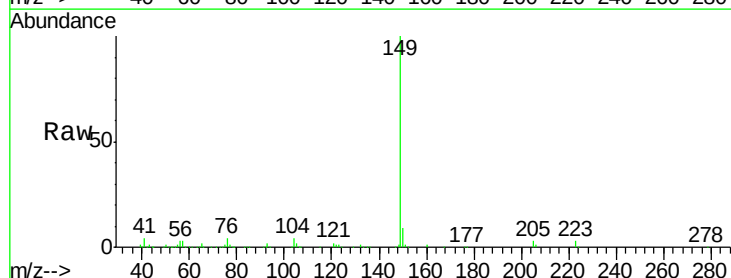
Instrument :
 BNA_F
 ClientSampleId :

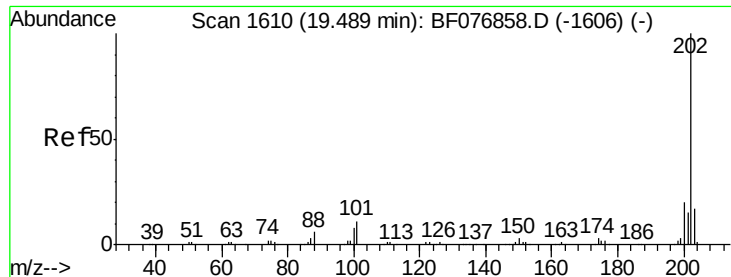
Tot Ion:178 Resp: 170379
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 16.4 11.9 17.9



#73
 Di-n-butylphthalate
 Concen: 89.05 ng
 RT: 18.64 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: BF077041.D
 Acq: 23 Jan 2015 17:12

Tgt Ion:149 Resp: 524431
 Ion Ratio Lower Upper
 149 100
 150 8.8 6.9 10.3
 104 4.3 3.7 5.5

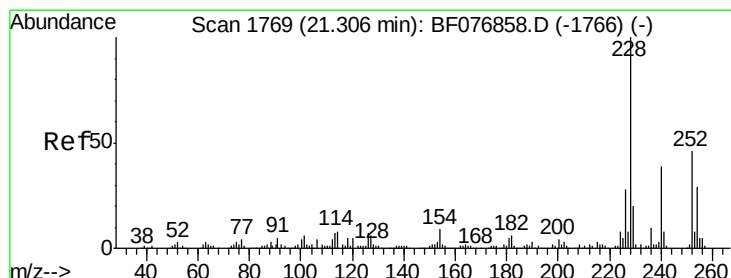
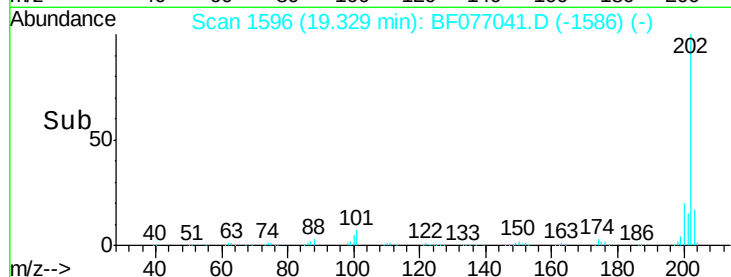
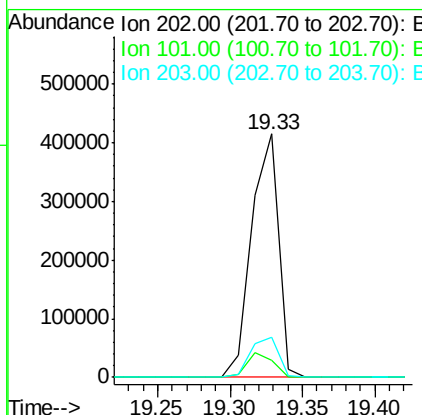
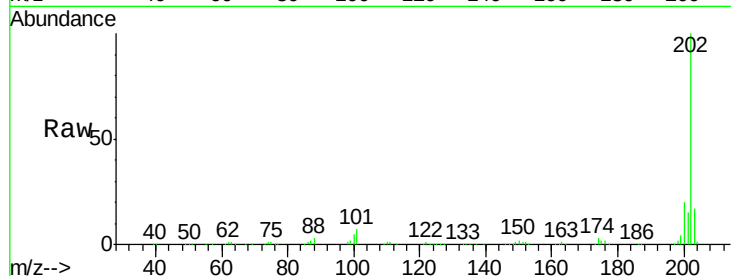




#74
 Fluoranthene
 Concen: 97.18 ng
 RT: 19.33 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF077041.D
 Acq: 23 Jan 2015 17:12

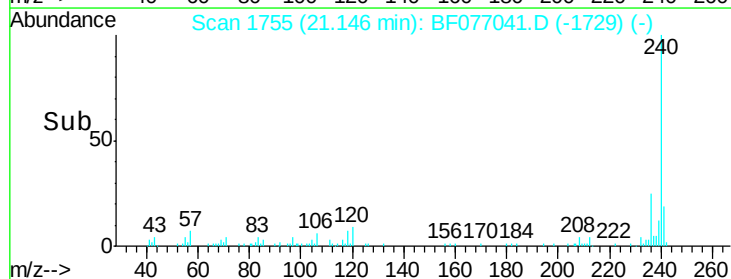
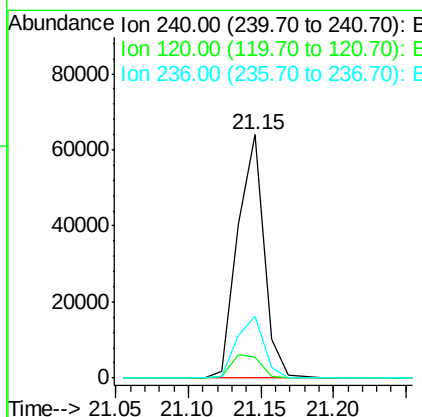
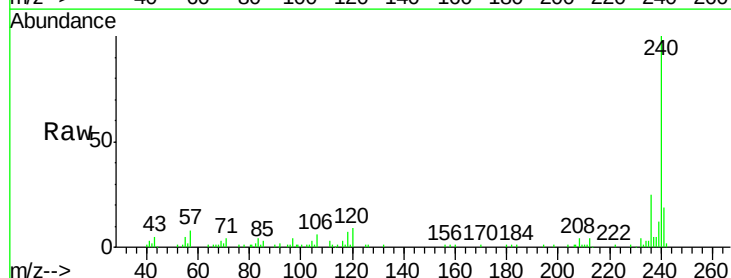
Instrument :
 BNA_F
 ClientSampled :

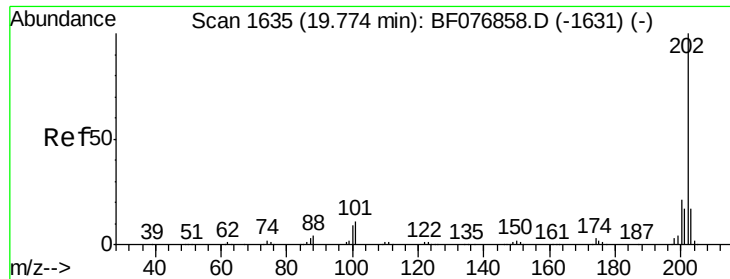
Tot Ion:202 Resp: 535625
 Ion Ratio Lower Upper
 202 100
 101 6.9 0.0 30.7
 203 16.7 0.0 36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF077041.D
 Acq: 23 Jan 2015 17:12

Tgt Ion:240 Resp: 80844
 Ion Ratio Lower Upper
 240 100
 120 8.6 10.4 15.6#
 236 25.2 20.2 30.2

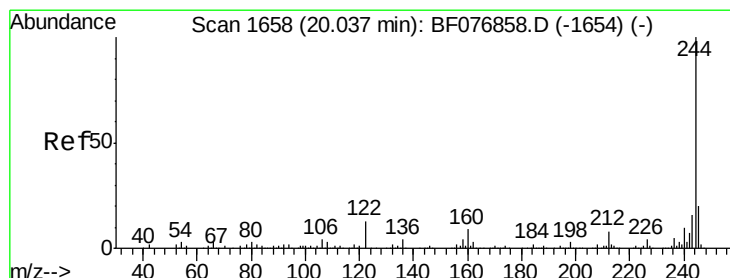
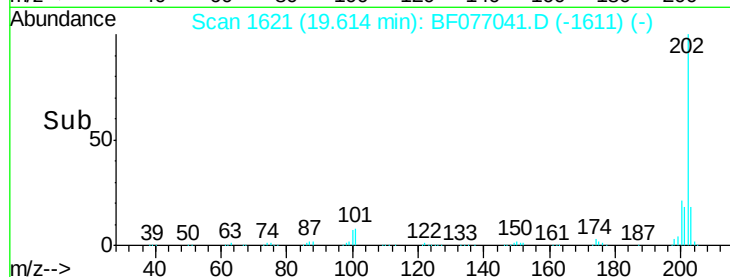
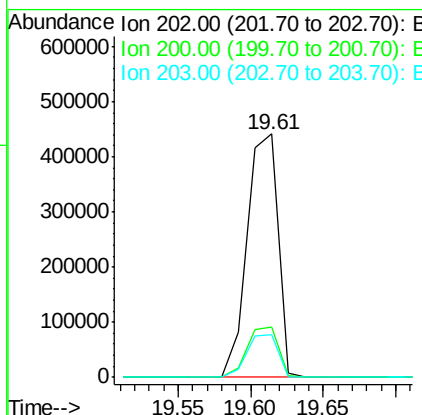
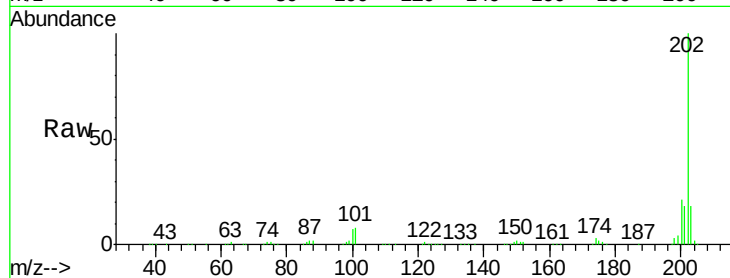




#77
 Pvrene
 Concen: 117.72 ng
 RT: 19.61 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF077041.D
 Acq: 23 Jan 2015 17:12

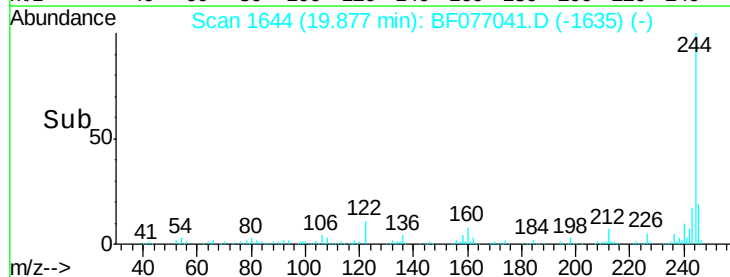
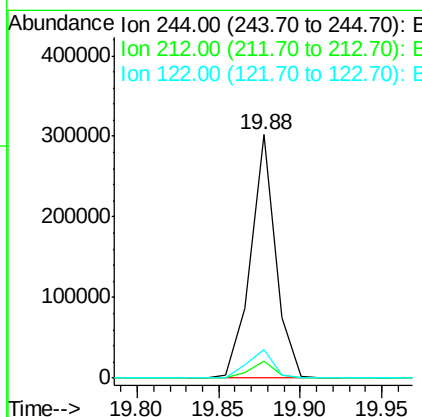
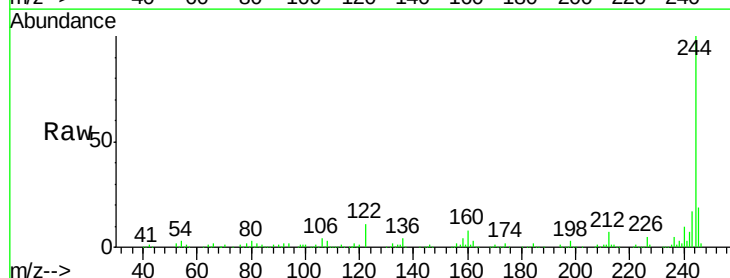
Instrument :
 BNA_F
 ClientSampleId :

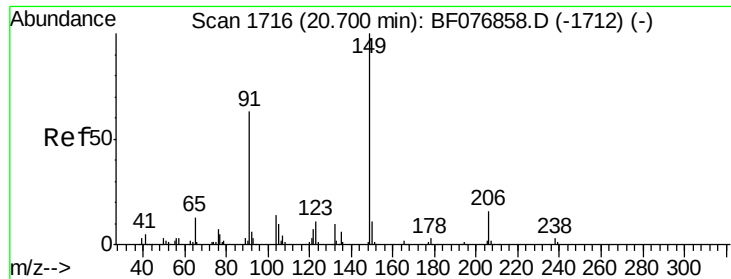
Tot Ion:202 Resp: 652248
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.7 25.1
 203 17.6 14.0 21.0



#78
 Terphenyl-d14
 Concen: 91.77 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077041.D
 Acq: 23 Jan 2015 17:12

Tgt Ion:244 Resp: 322254
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 11.5 10.1 15.1

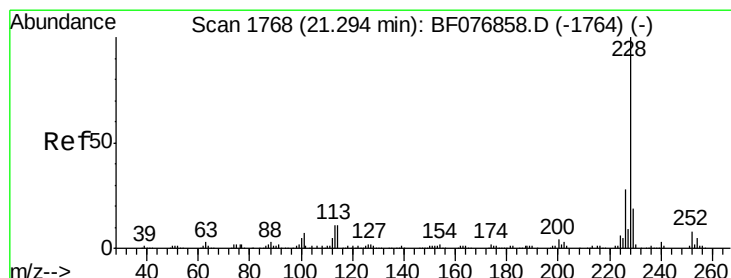
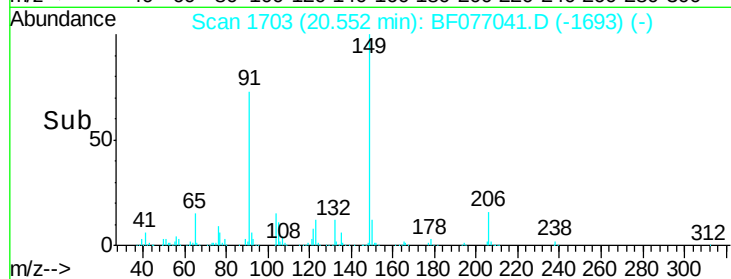
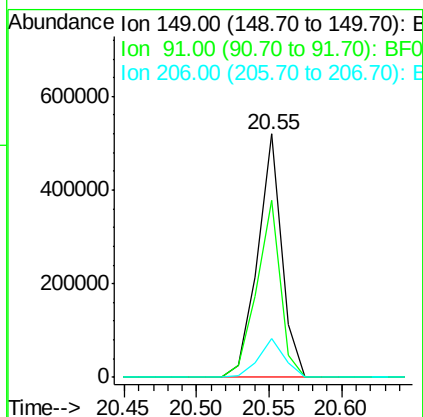
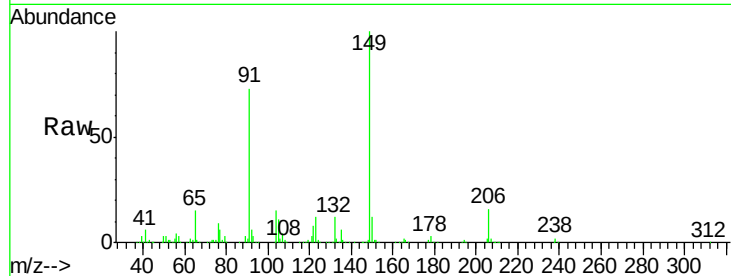




#79
Butylbenzylphthalate
Concen: 238.25 ng
RT: 20.55 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

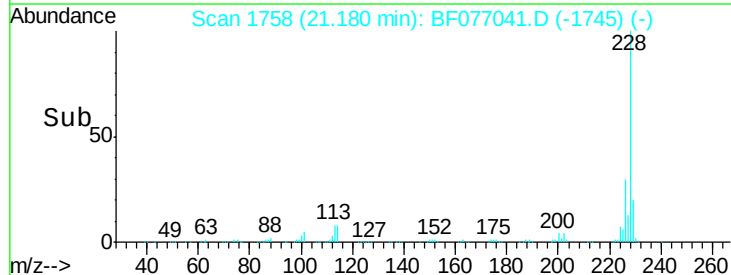
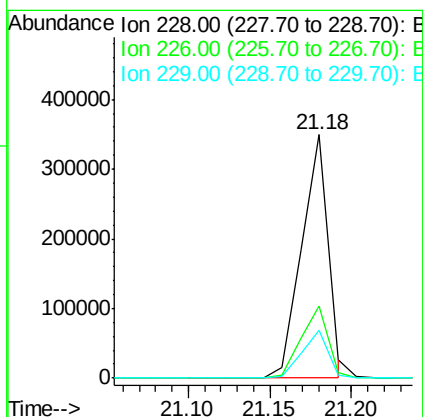
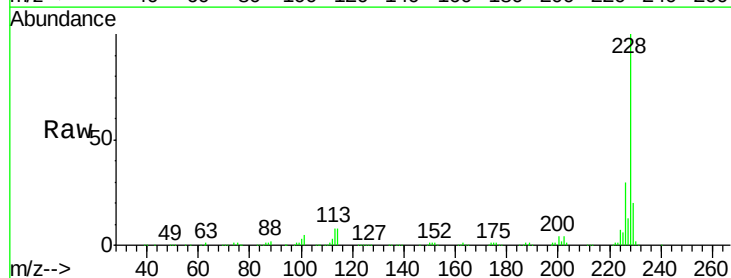
Instrument :
BNA_F
ClientSampleId :

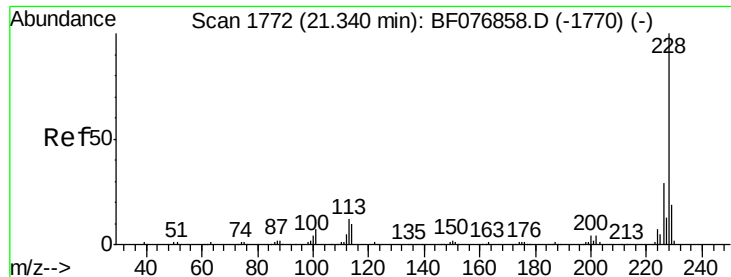
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	50.6	76.0
206	15.8	12.8	19.2



#80
Benzo(a)anthracene
Concen: 78.00 ng
RT: 21.18 min Scan# 1758
Delta R.T. 0.05 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.1	33.1
229	19.8	15.5	23.3





#82

Chrysene

Concen: 86.33 ng

RT: 21.18 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

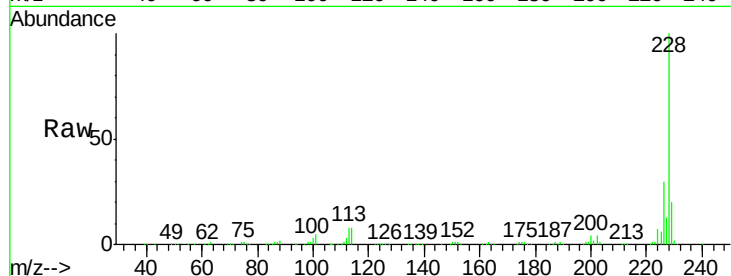
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 399341

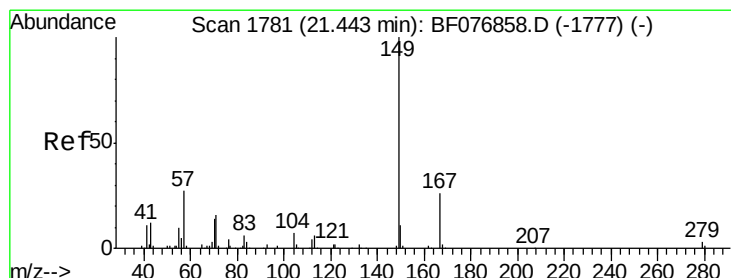
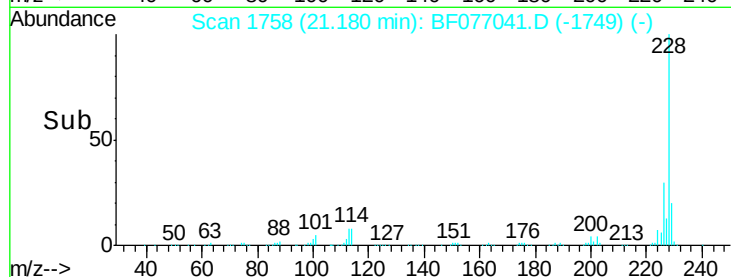
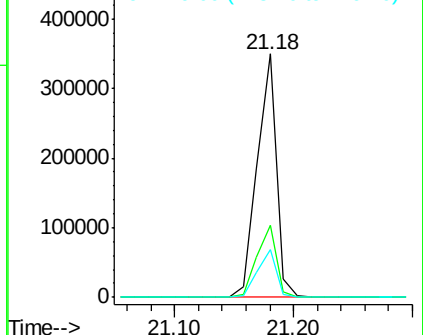
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	19.8	15.4	23.0



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: 252.47 ng

RT: 21.29 min Scan# 1768

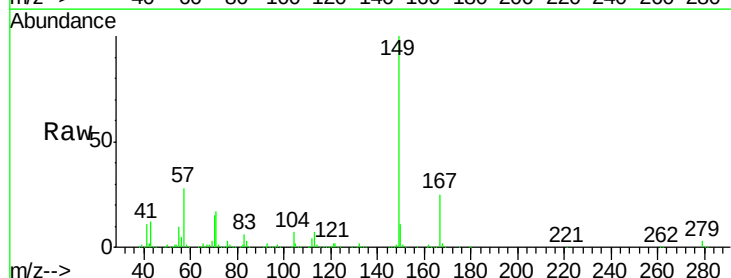
Delta R.T. 0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Tgt Ion:149 Resp: 876541

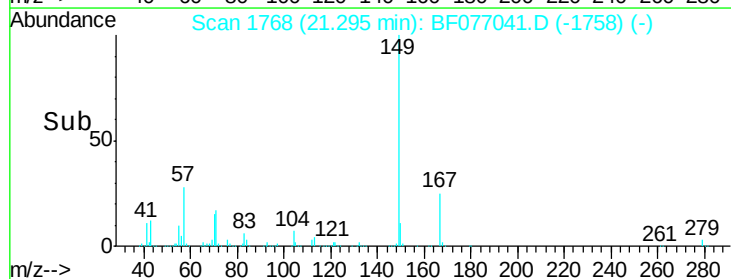
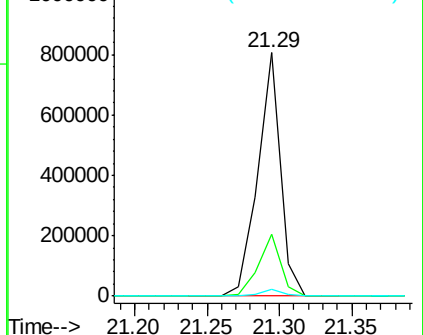
Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.6	30.8
279	2.6	2.2	3.2

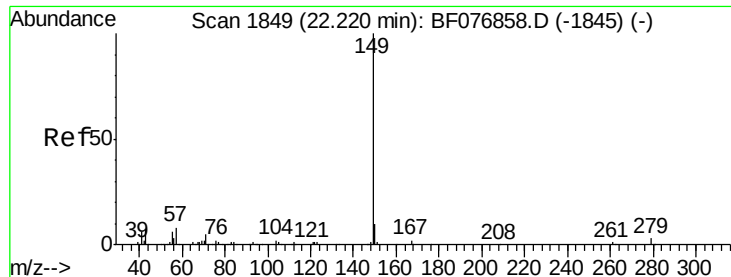


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 266.39 ng

RT: 22.06 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

Instrument :

BNA_F

ClientSampleId :

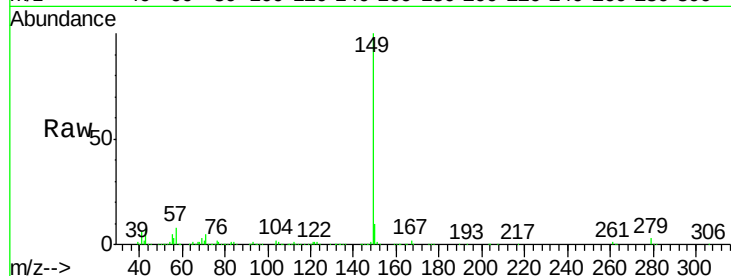
Tot Ion:149 Resp: 1605166

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

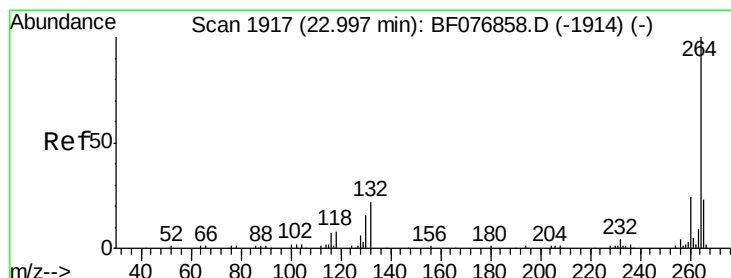
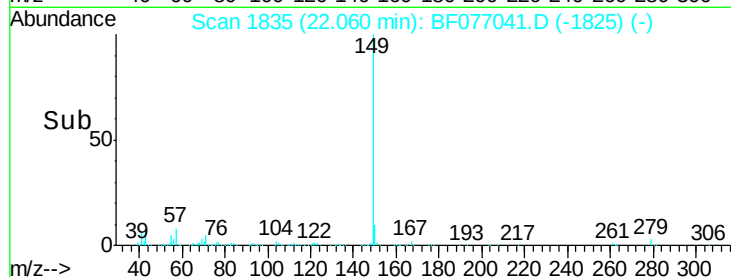
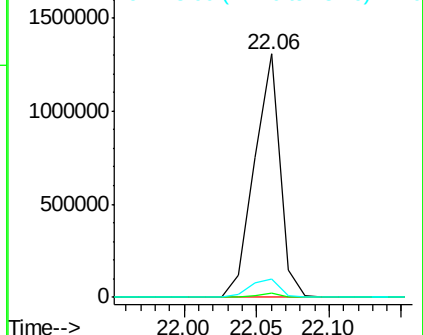
43 8.6 6.6 10.0



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): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.78 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

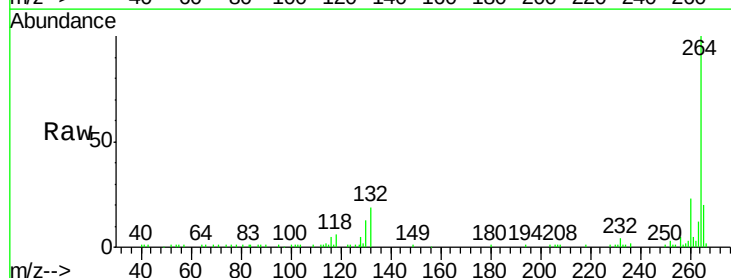
Tgt Ion:264 Resp: 75619

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

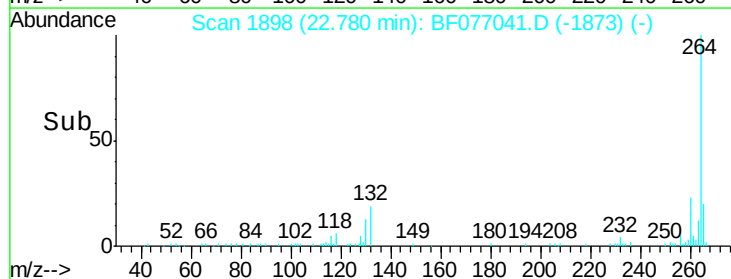
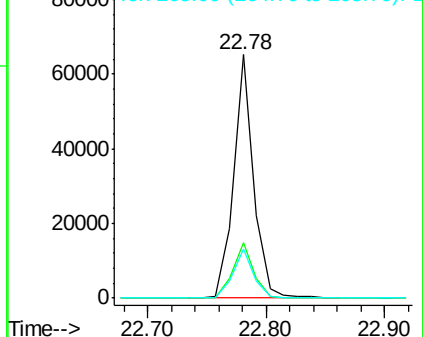
265 20.2 18.1 27.1

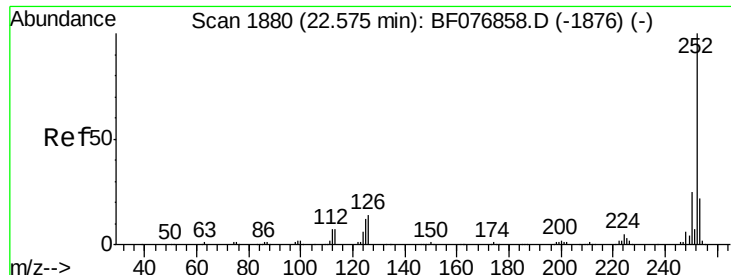


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

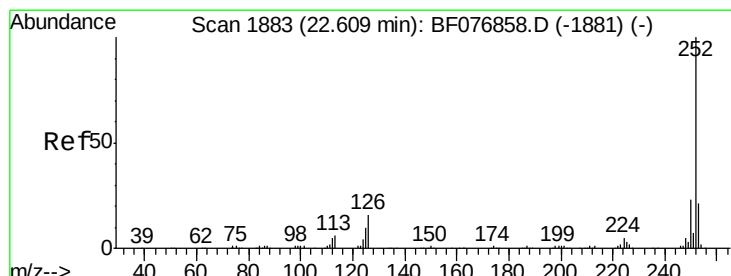
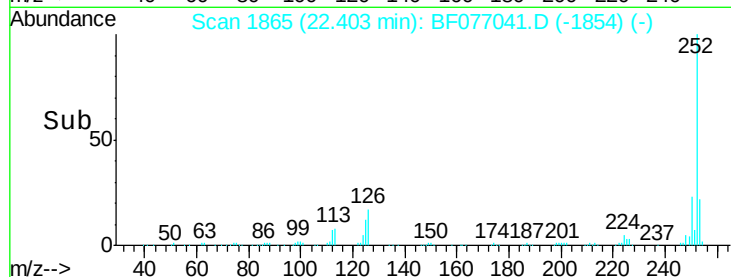
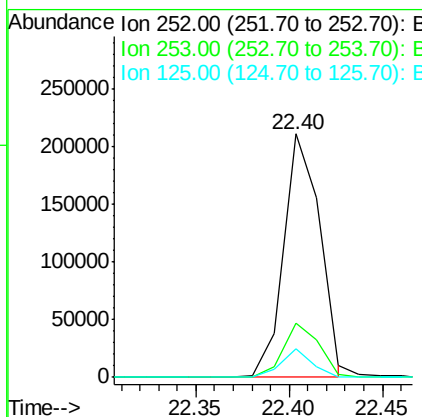
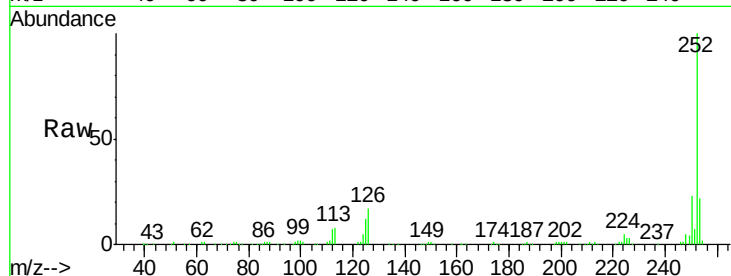




#87
Benzo(b)fluoranthene
Concen: 56.12 ng
RT: 22.40 min Scan# 1865
Delta R.T. 0.02 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

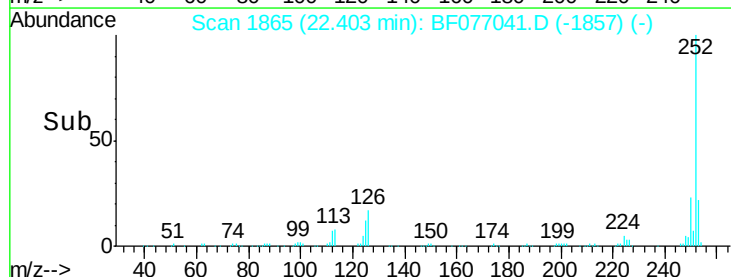
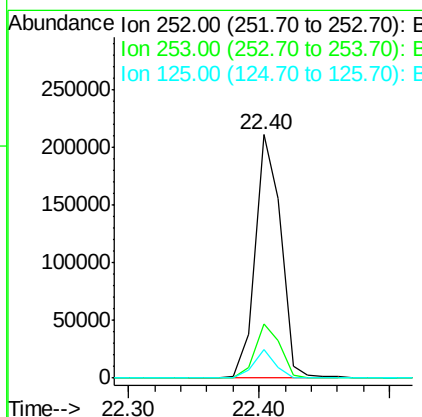
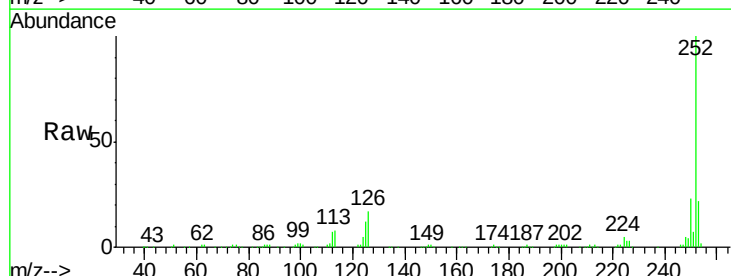
Instrument :
BNA_F
ClientSampled :

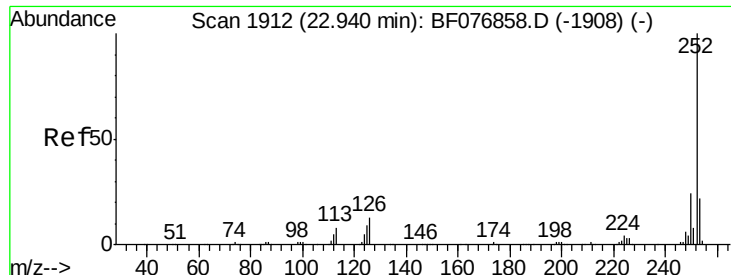
Tot Ion:252 Resp: 285804
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 12.0 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 65.10 ng
RT: 22.40 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF077041.D
Acq: 23 Jan 2015 17:12

Tgt Ion:252 Resp: 289665
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 12.0 7.1 10.7#





#89

Benzo(a)pyrene

Concen: 74.55 ng

RT: 22.72 min Scan# 1893

Delta R.T. 0.00 min

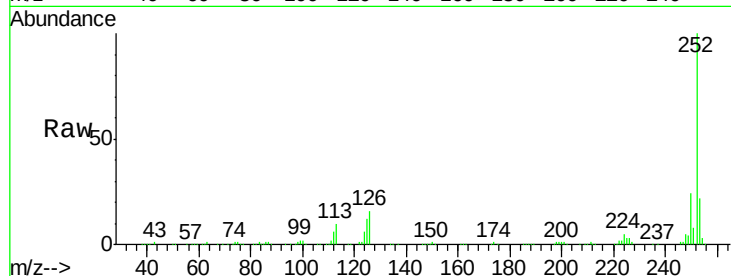
Lab File: BF077041.D

Acq: 23 Jan 2015 17:12

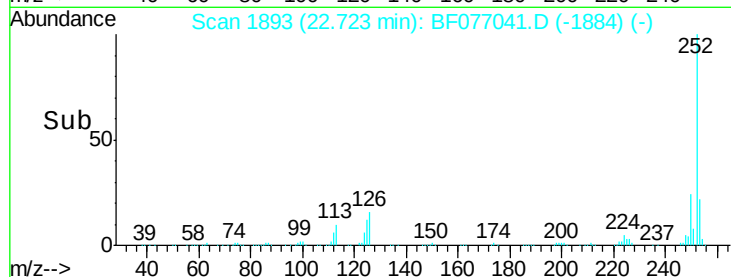
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	252	Resp:	334896
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	12.5	7.2	10.8



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

