

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078574.D
 Acq On : 16 Apr 2015 19:20
 Operator : TP/IZ
 Sample : G1855-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB14B(10-10.5)

Quant Time: Apr 17 01:23:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 00:52:22 2015
 Response via : Initial Calibration

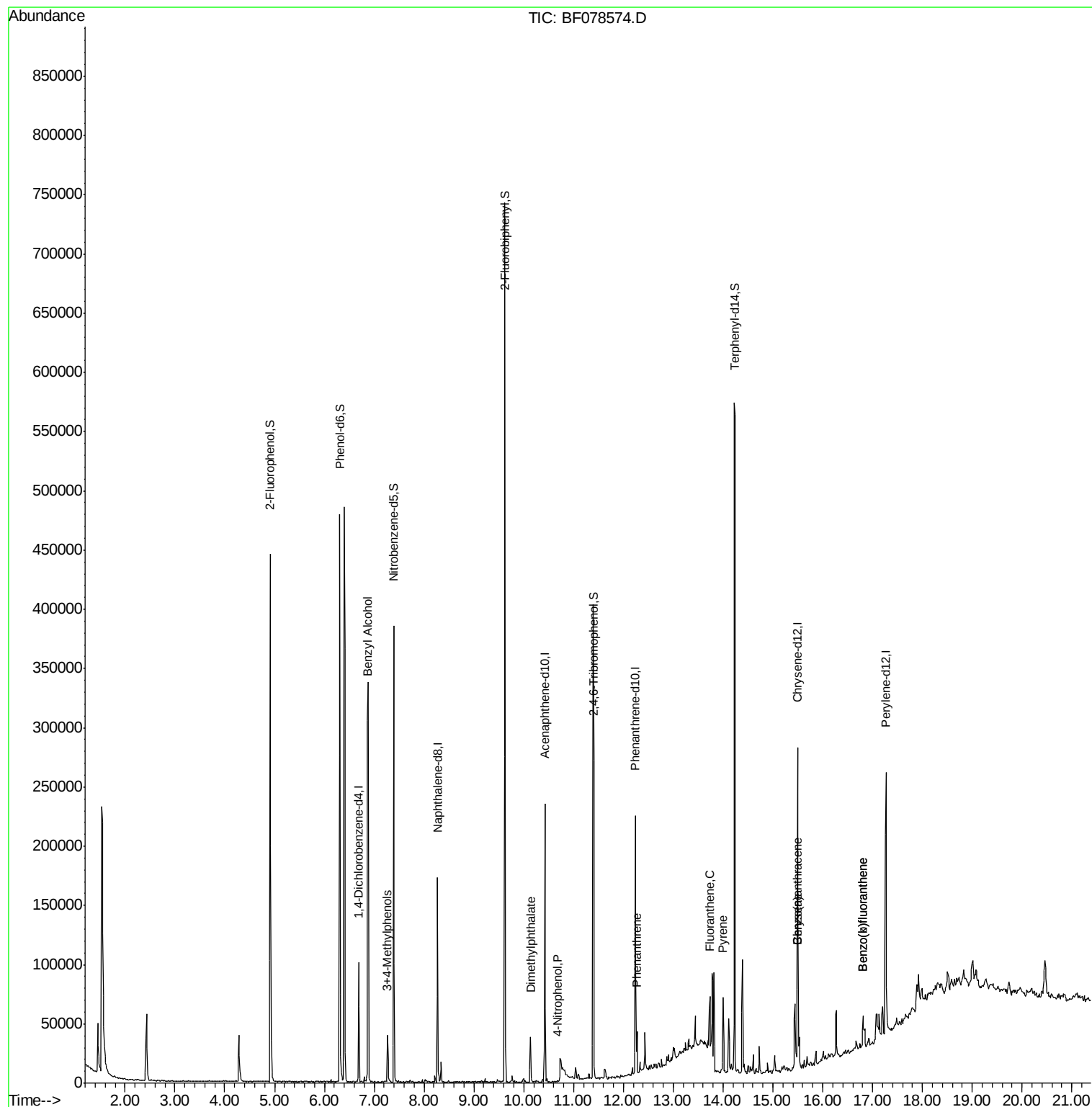
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	20828	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	90451	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	48089	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	94986	20.00	ng	0.00
75) Chrysene-d12	15.50	240	110211	20.00	ng	0.01
86) Perylene-d12	17.27	264	112179	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	165649	131.13	ng	0.01
7) Phenol-d6	6.31	99	225425	142.39	ng	0.01
23) Nitrobenzene-d5	7.39	82	123960	83.07	ng	0.00
41) 2,4,6-Tribromophenol	11.41	330	58755	147.32	ng	0.01
44) 2-Fluorobiphenyl	9.62	172	257607	76.57	ng	0.00
78) Terphenyl-d14	14.24	244	281546	57.73	ng	0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.87	79	2431	2.19	ng	# 54
20) 3+4-Methylphenols	7.27	107	14061	9.09	ng	98
49) Dimethylphthalate	10.14	163	17701	4.90	ng	99
55) 4-Nitrophenol	10.67	139	223	3.11	ng	# 18
70) Phenanthrene	12.27	178	17297	3.15	ng	97
74) Fluoranthene	13.74	202	25095	4.33	ng	92
77) Pyrene	14.00	202	25343	3.66	ng	# 94
80) Benzo(a)anthracene	15.49	228	13938	2.13	ng	# 89
82) Chrysene	15.49	228	13936	2.26	ng	94
87) Benzo(b)fluoranthene	16.81	252	20649	2.98	ng	# 90
88) Benzo(k)fluoranthene	16.81	252	20381	3.31	ng	96

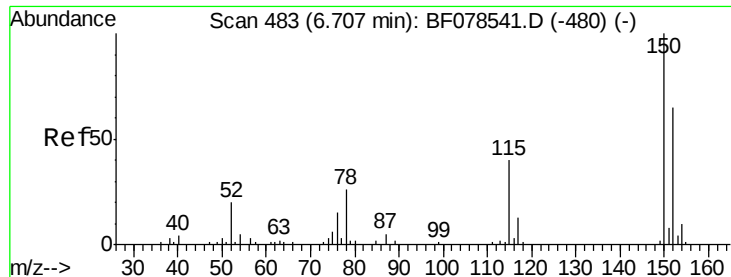
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

Instrument :

BNA_F

ClientSampleId :

LS-SB14B(10-10.5)

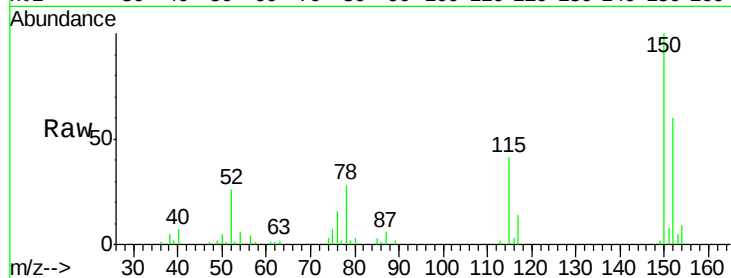
Tgt Ion:152 Resp: 20828

Ion Ratio Lower Upper

152 100

150 165.4 125.9 188.9

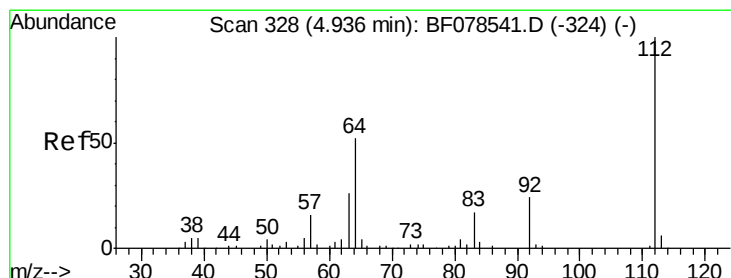
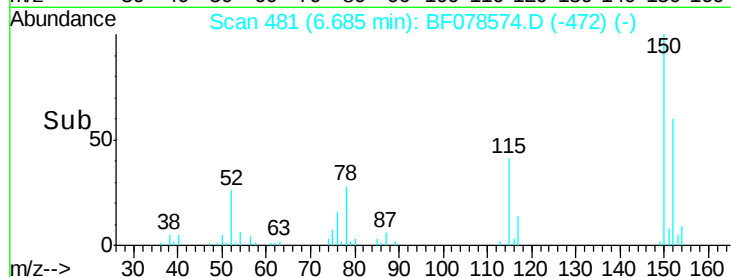
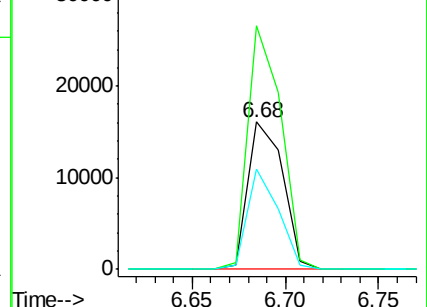
115 68.0 52.7 79.1



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



#5

2-Fluorophenol

Concen: 131.13 ng

RT: 4.91 min Scan# 326

Delta R.T. 0.01 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

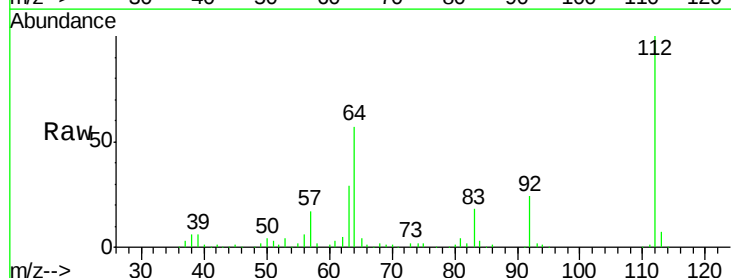
Tgt Ion:112 Resp: 165649

Ion Ratio Lower Upper

112 100

64 57.2 39.9 59.9

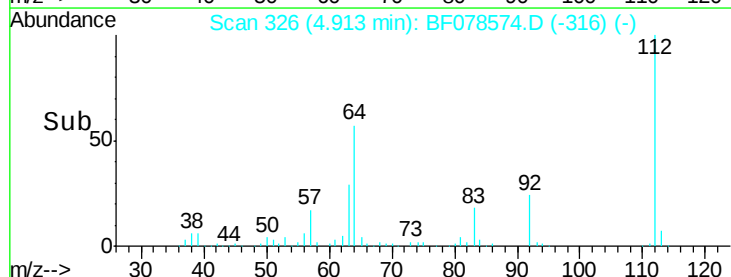
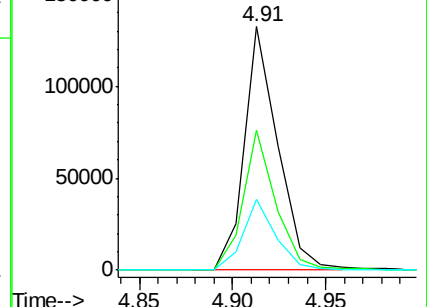
63 28.9 20.2 30.4

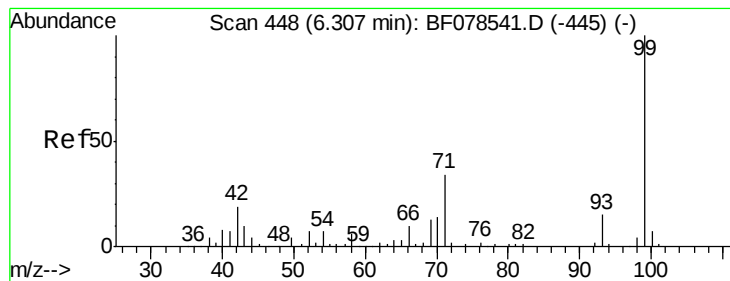


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.39 ng

RT: 6.31 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

Instrument :

BNA_F

ClientSampleId :

LS-SB14B(10-10.5)

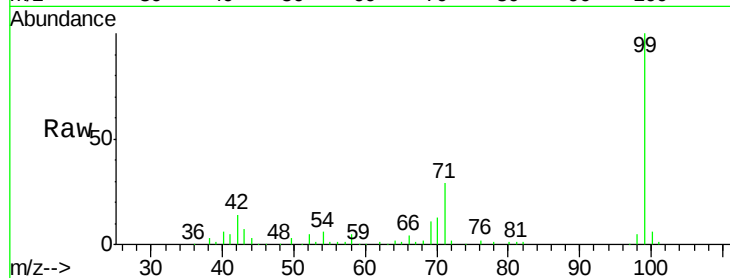
Tgt Ion: 99 Resp: 225425

Ion Ratio Lower Upper

99 100

42 14.4 14.8 22.2#

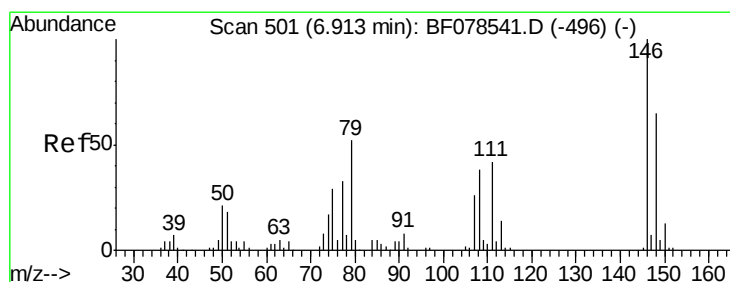
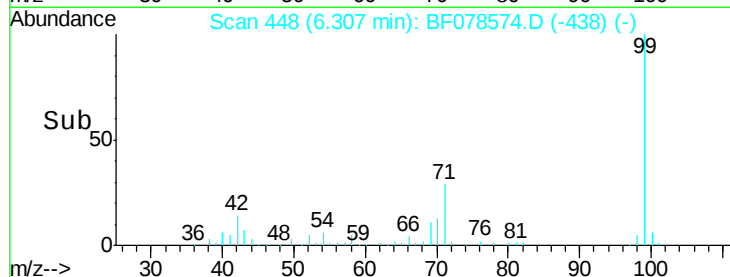
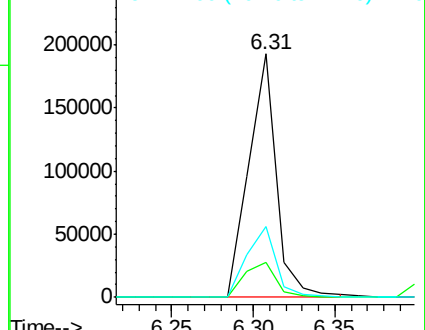
71 29.3 26.6 39.8



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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.87 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

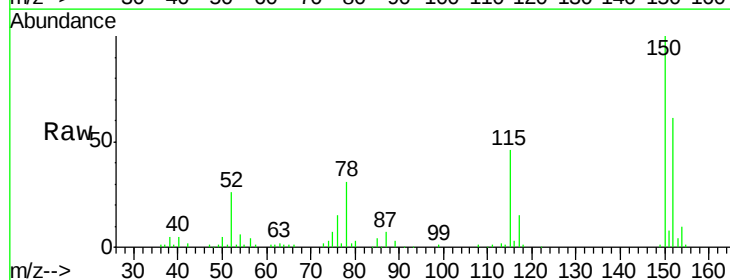
Tgt Ion: 79 Resp: 2431

Ion Ratio Lower Upper

79 100

108 26.3 57.6 86.4#

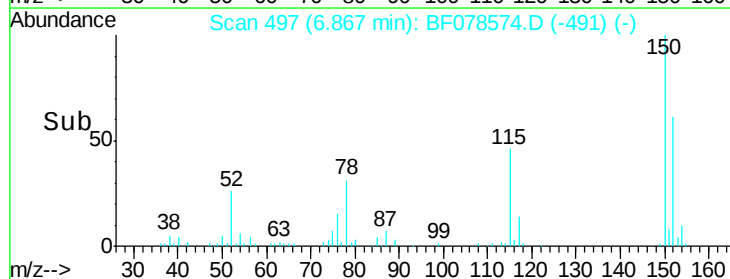
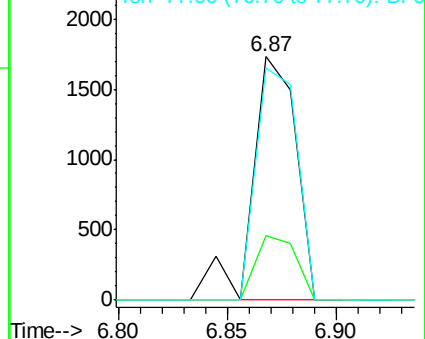
77 95.5 53.5 80.3#

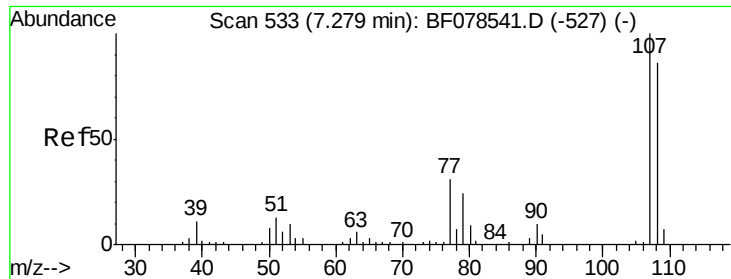


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#20

3+4-Methylphenols

Concen: 9.09 ng

RT: 7.27 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

Instrument :

BNA_F

ClientSampleId :

LS-SB14B(10-10.5)

Tgt Ion:107 Resp: 14061

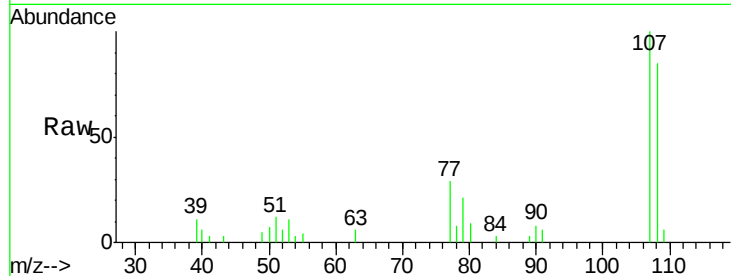
Ion Ratio Lower Upper

107 100

108 85.2 64.4 104.4

77 29.2 9.7 49.7

79 21.1 4.0 44.0

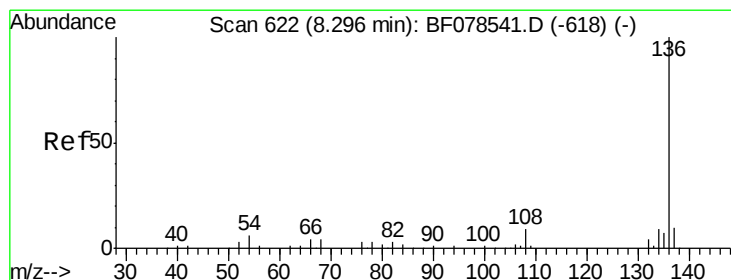
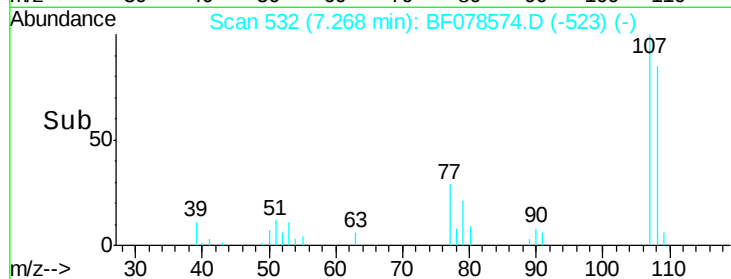
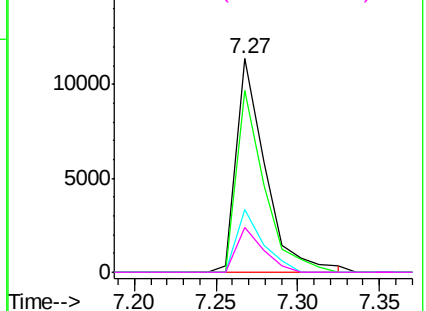


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

Tgt Ion:136 Resp: 90451

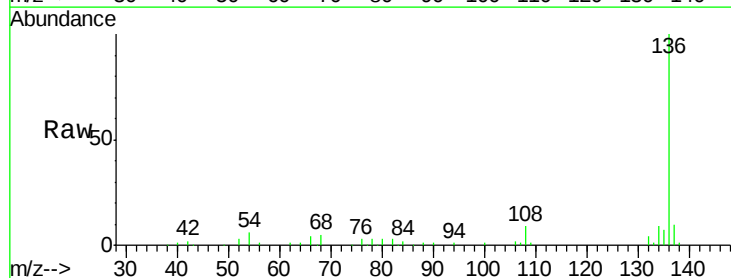
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 6.2 7.0 10.6#

68 4.6 5.4 8.2#

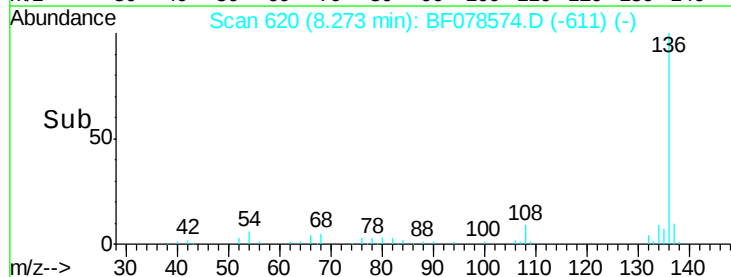
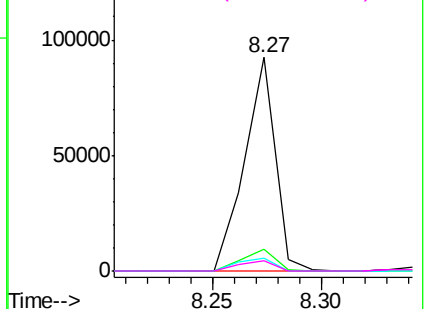


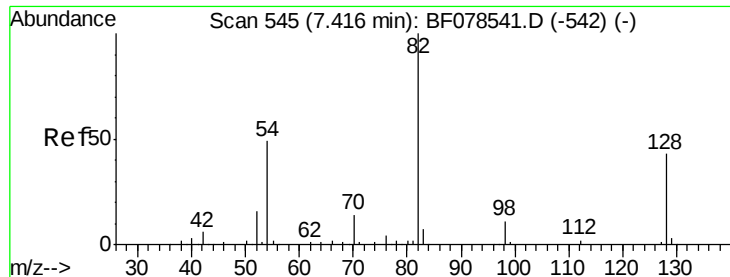
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

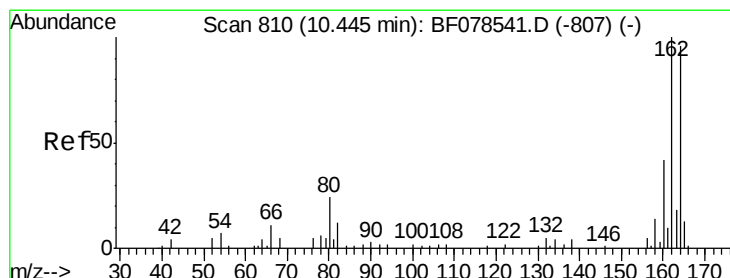
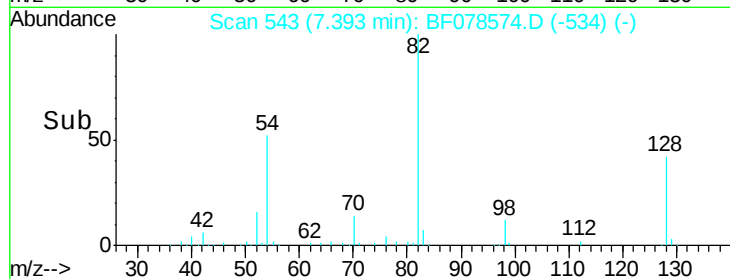
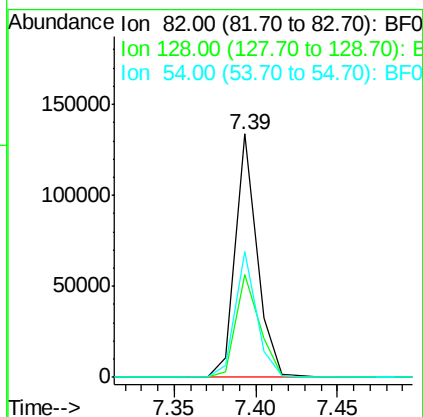
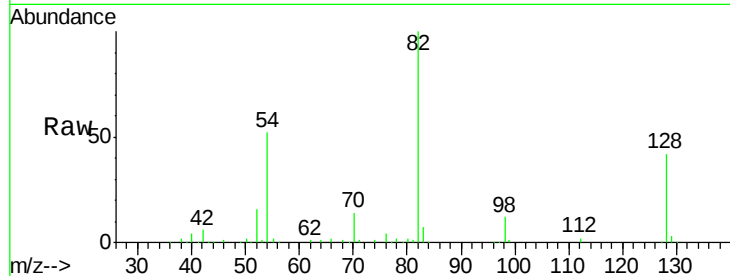




#23
 Nitrobenzene-d5
 Concen: 83.07 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078574.D
 Acq: 16 Apr 2015 19:20

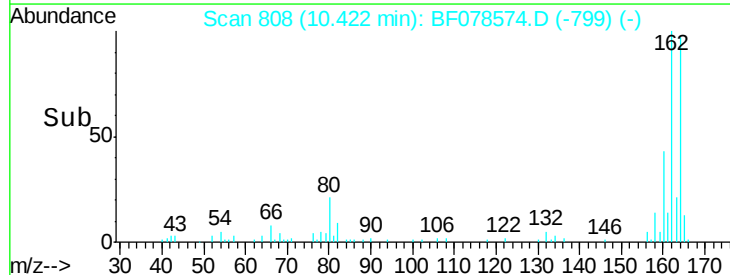
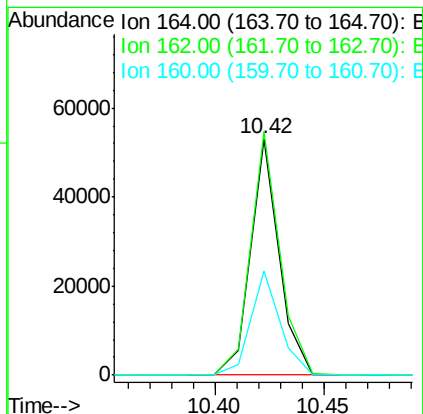
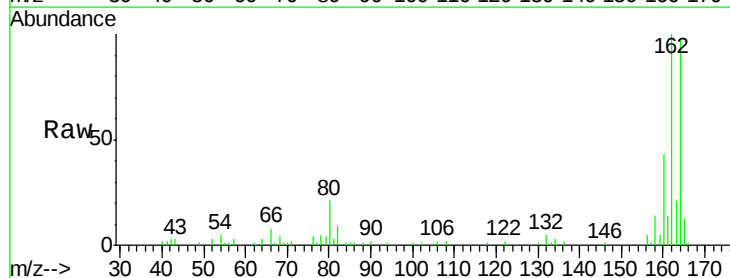
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB14B(10-10.5)

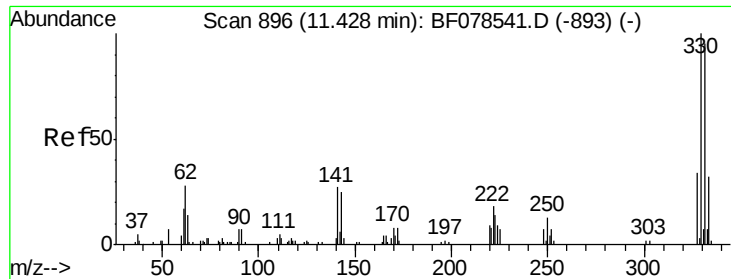
Tgt Ion: 82 Resp: 123960
 Ion Ratio Lower Upper
 82 100
 128 42.1 31.8 47.8
 54 51.6 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078574.D
 Acq: 16 Apr 2015 19:20

Tgt Ion: 164 Resp: 48089
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.2 123.2
 160 44.3 34.7 52.1

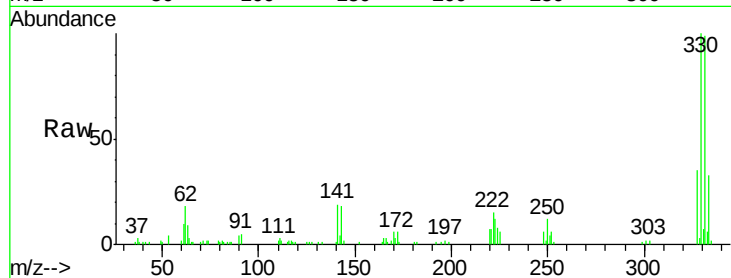




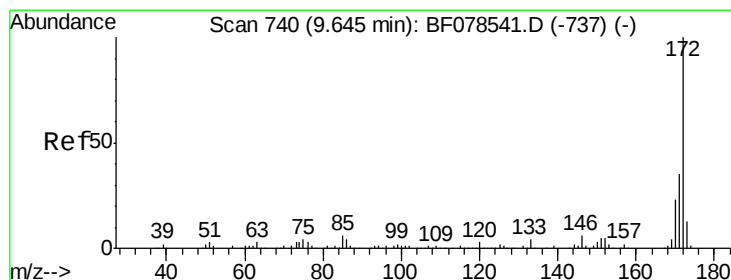
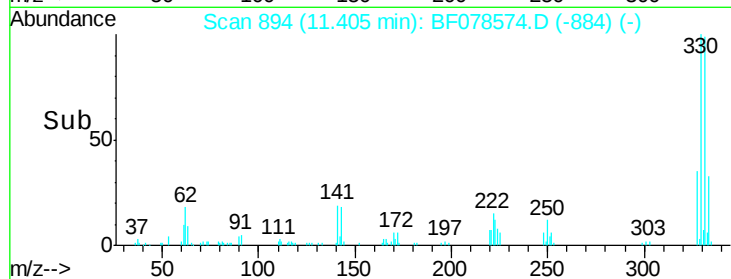
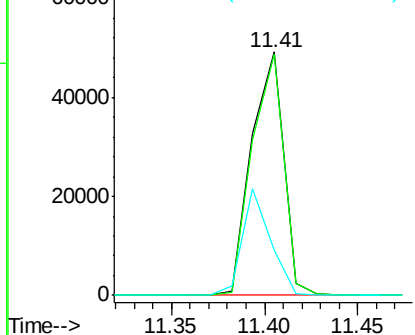
#41
 2,4,6-Tribromophenol
 Concen: 147.32 ng
 RT: 11.41 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF078574.D
 Acq: 16 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB14B(10-10.5)

Tgt Ion:330 Resp: 58755
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.6 117.8
 141 38.7 31.2 46.8

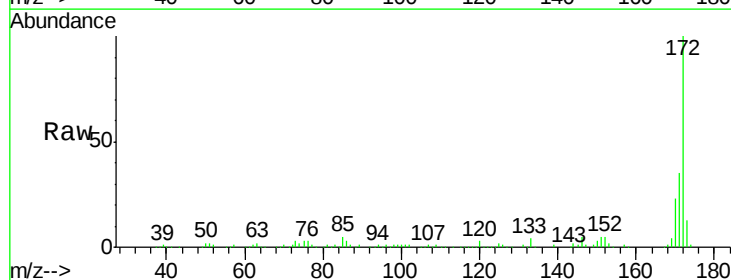


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

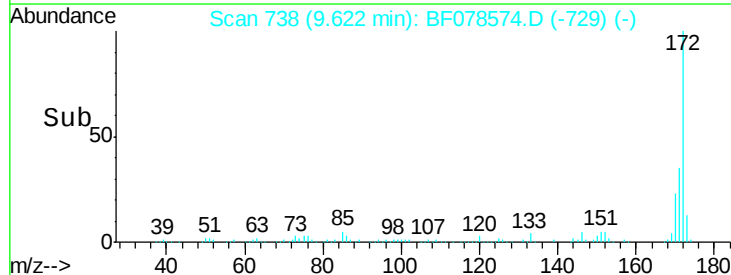
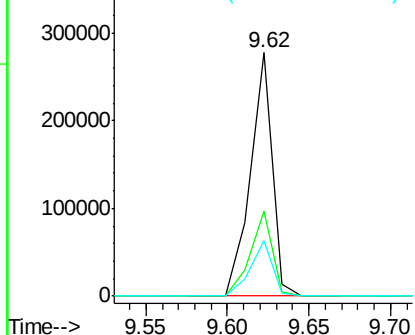


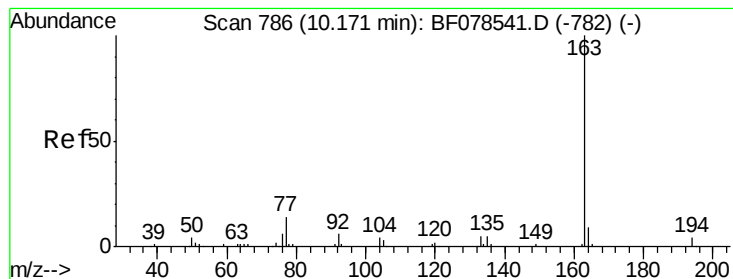
#44
 2-Fluorobiphenyl
 Concen: 76.57 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078574.D
 Acq: 16 Apr 2015 19:20

Tgt Ion:172 Resp: 257607
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 22.7 18.5 27.7



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





#49

Dimethylphthalate

Concen: 4.90 ng

RT: 10.14 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

Instrument :

BNA_F

ClientSampleId :

LS-SB14B(10-10.5)

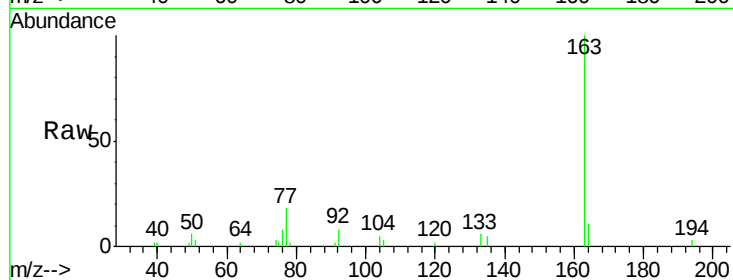
Tgt Ion:163 Resp: 17701

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

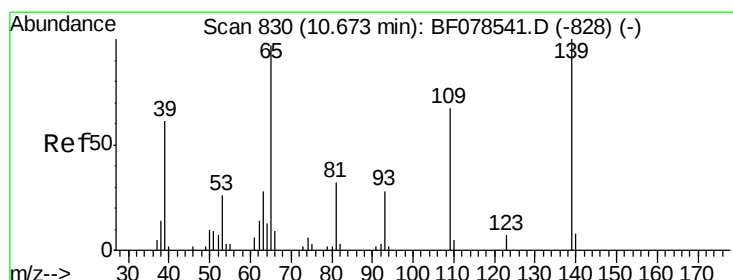
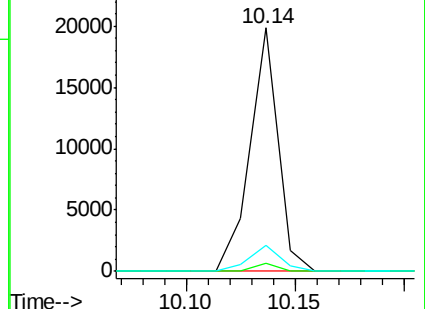
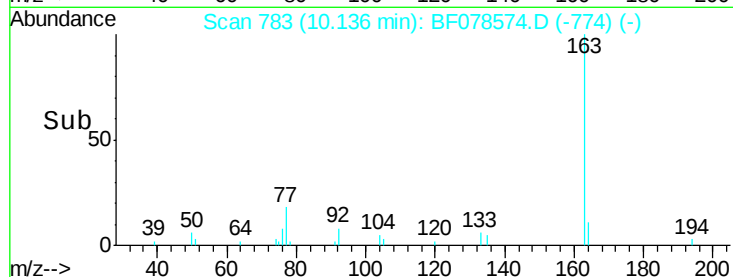
164 10.5 8.6 13.0



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



#55

4-Nitrophenol

Concen: 3.11 ng

RT: 10.67 min Scan# 830

Delta R.T. 0.02 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

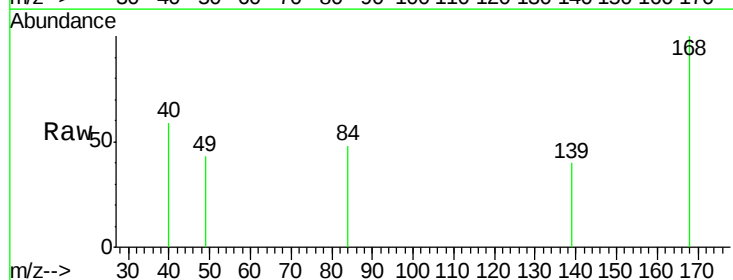
Tgt Ion:139 Resp: 223

Ion Ratio Lower Upper

139 100

109 0.0 36.7 76.7#

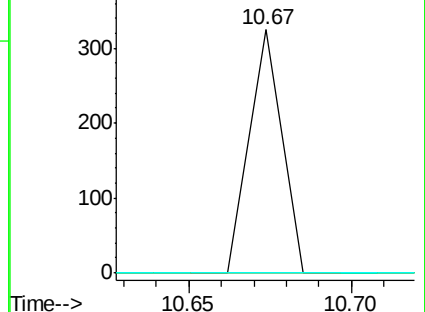
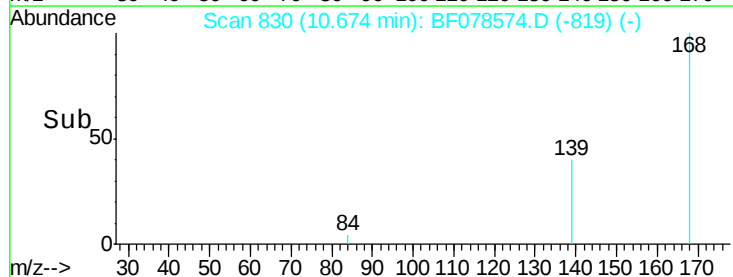
65 0.0 49.9 89.9#

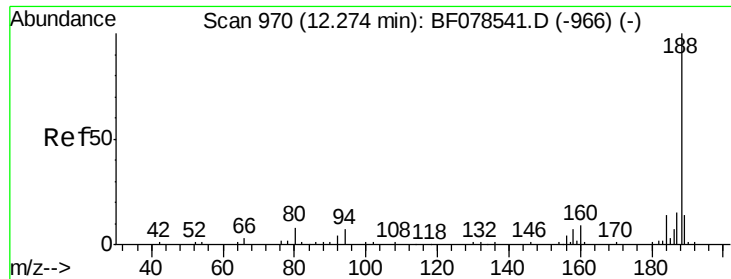


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

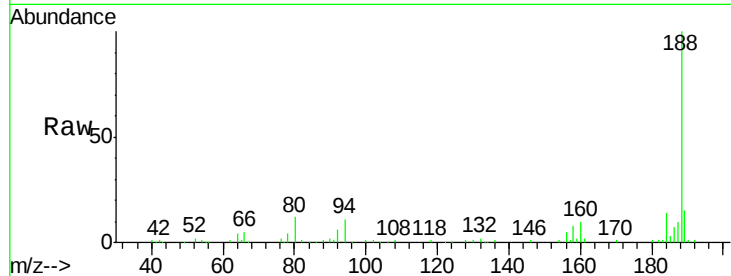




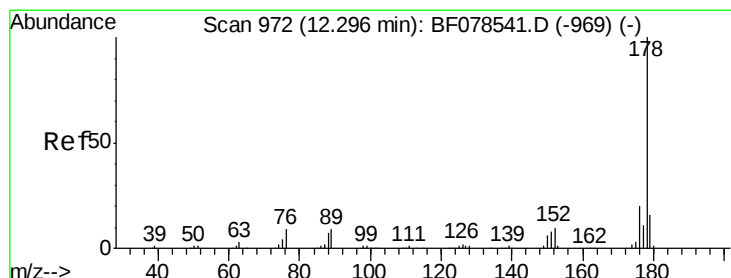
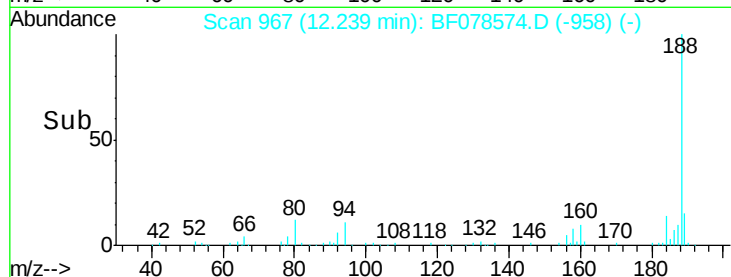
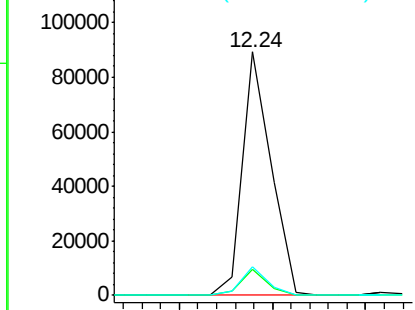
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078574.D
Acq: 16 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
LS-SB14B(10-10.5)

Tgt Ion:188 Resp: 94986
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.4
80 11.9 9.5 14.3

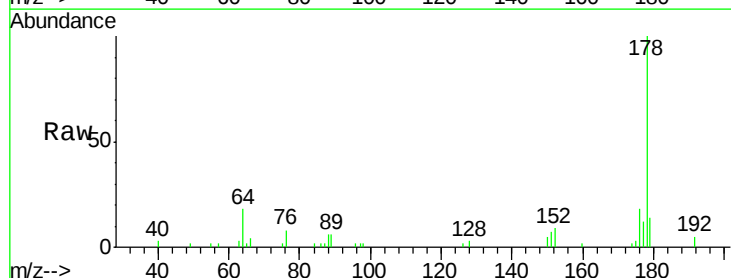


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

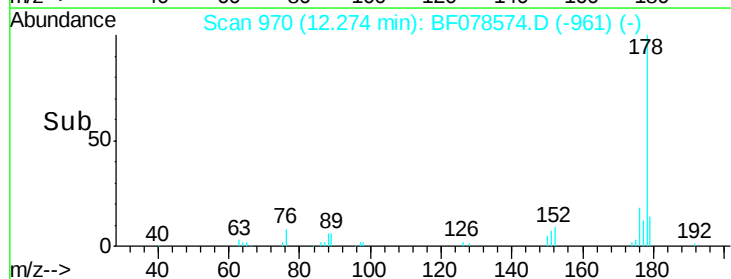
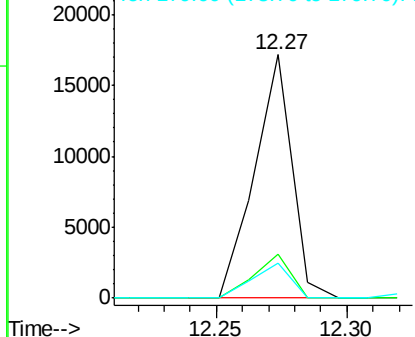


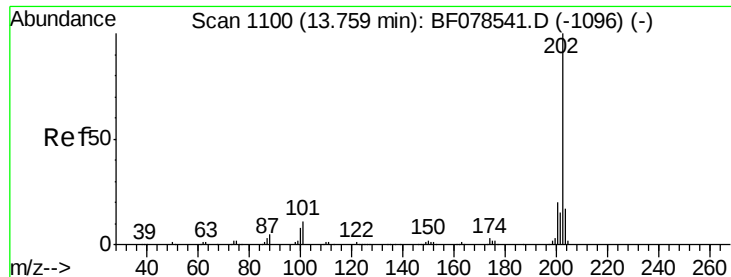
#70
Phenanthrene
Concen: 3.15 ng
RT: 12.27 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF078574.D
Acq: 16 Apr 2015 19:20

Tgt Ion:178 Resp: 17297
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.0
179 14.2 12.2 18.2



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

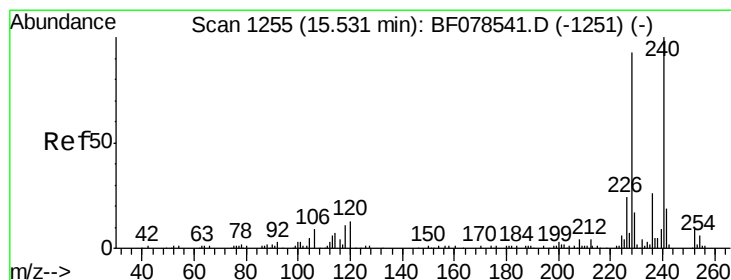
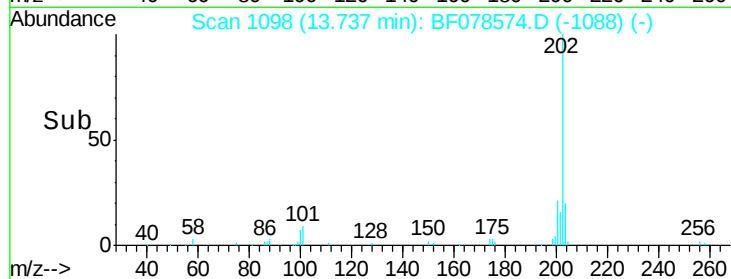
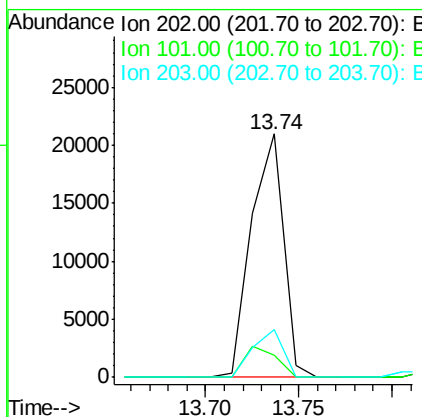
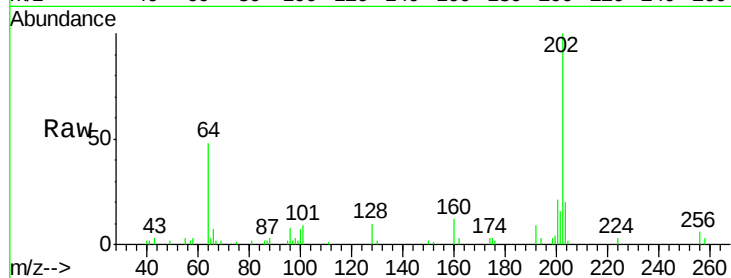




#74
 Fluoranthene
 Concen: 4.33 ng
 RT: 13.74 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF078574.D
 Acq: 16 Apr 2015 19:20

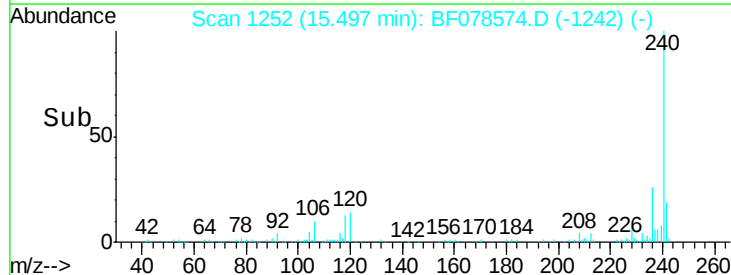
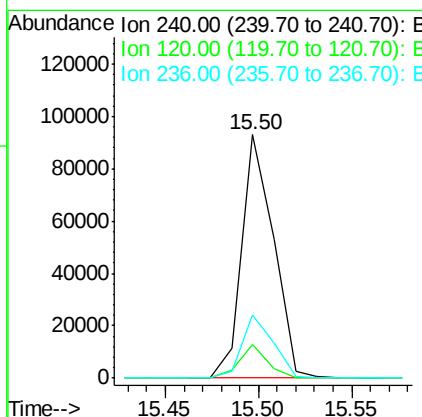
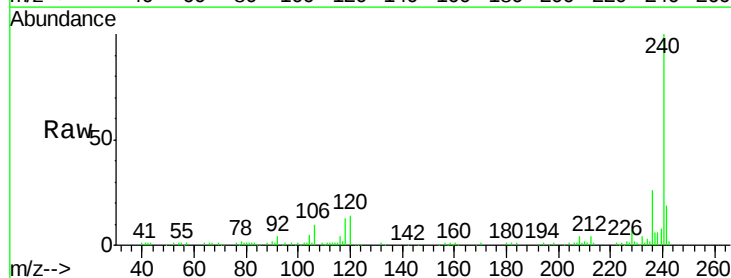
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB14B(10-10.5)

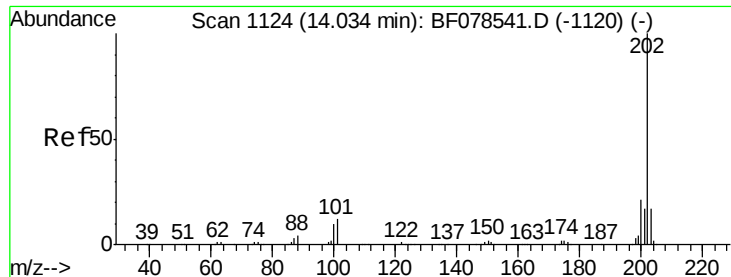
Tgt Ion:	202	Resp:	25095
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	35.2
203	19.7	0.0	38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF078574.D
 Acq: 16 Apr 2015 19:20

Tgt Ion:	240	Resp:	110211
Ion	Ratio	Lower	Upper
240	100		
120	13.6	7.1	10.7#
236	25.7	21.4	32.2





#77

Pyrene

Concen: 3.66 ng

RT: 14.00 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

Instrument :

BNA_F

ClientSampleId :

LS-SB14B(10-10.5)

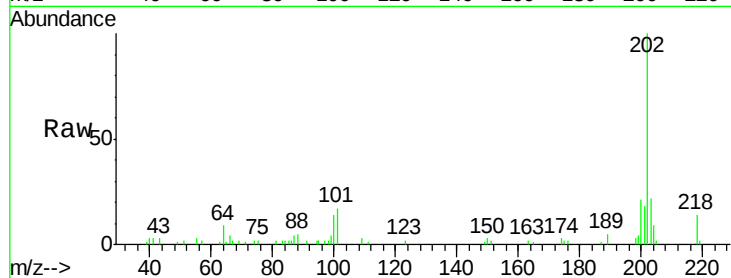
Tgt Ion:202 Resp: 25343

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

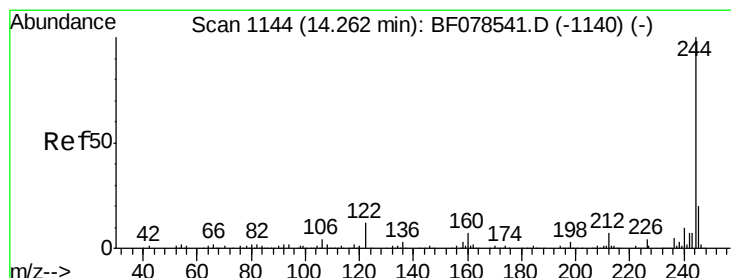
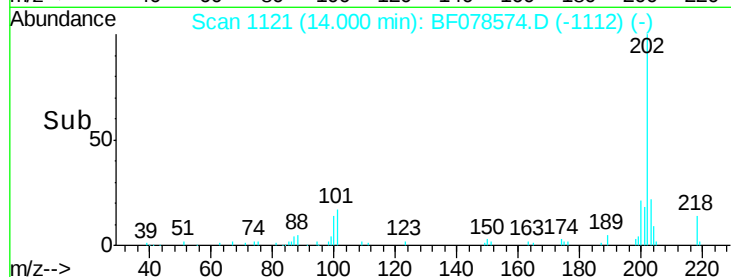
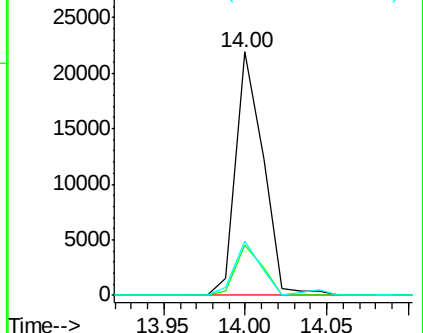
203 22.5 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 57.73 ng

RT: 14.24 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

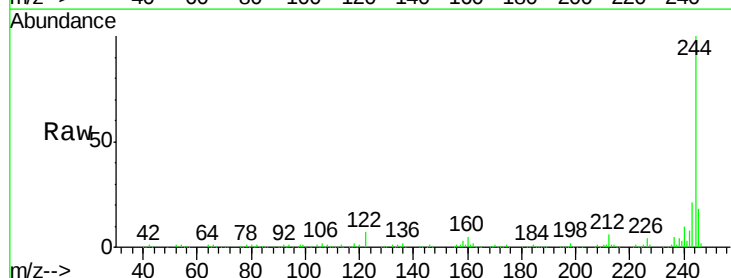
Tgt Ion:244 Resp: 281546

Ion Ratio Lower Upper

244 100

212 5.8 5.0 7.4

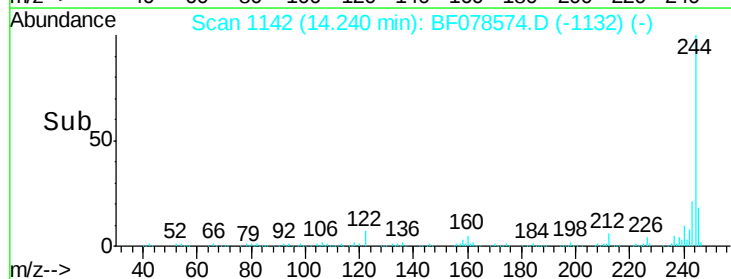
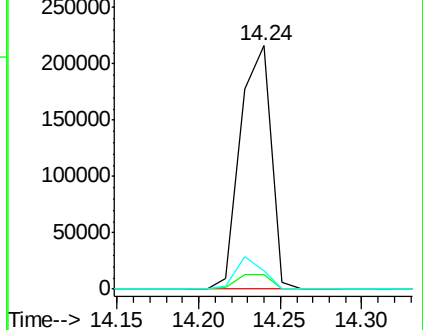
122 7.3 7.1 10.7

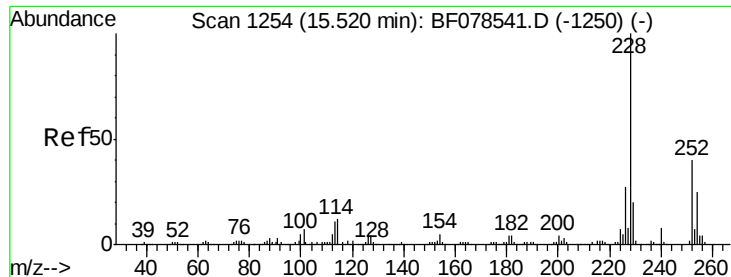


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.13 ng

RT: 15.49 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

Instrument :

BNA_F

ClientSampleId :

LS-SB14B(10-10.5)

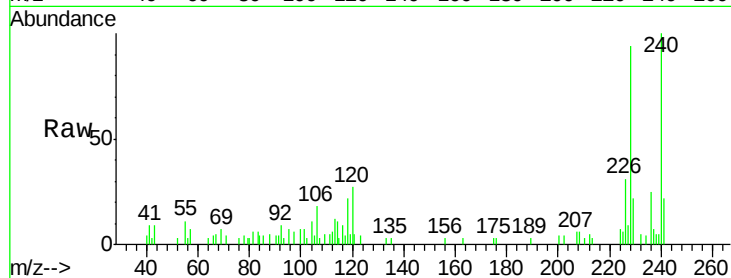
Tgt Ion:228 Resp: 13938

Ion Ratio Lower Upper

228 100

226 32.5 21.3 31.9#

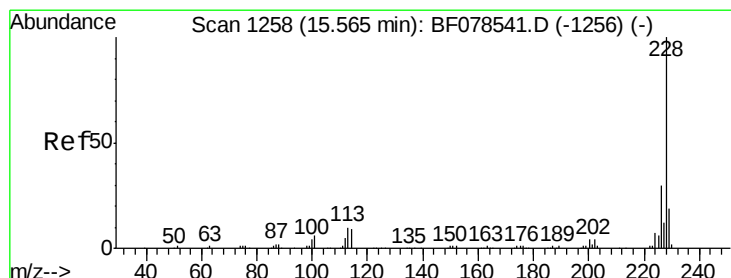
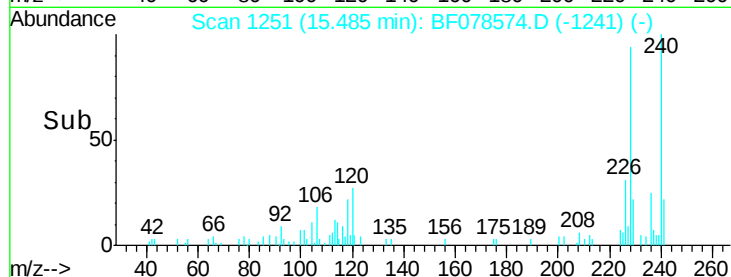
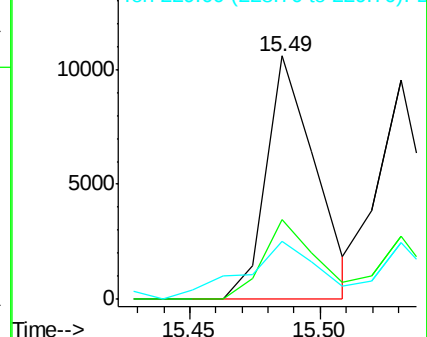
229 23.6 15.4 23.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 2.26 ng

RT: 15.49 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

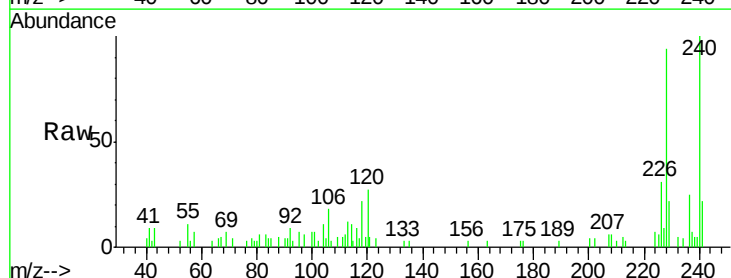
Tgt Ion:228 Resp: 13936

Ion Ratio Lower Upper

228 100

226 32.5 24.2 36.4

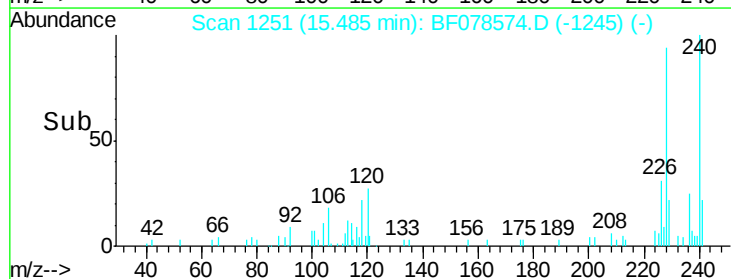
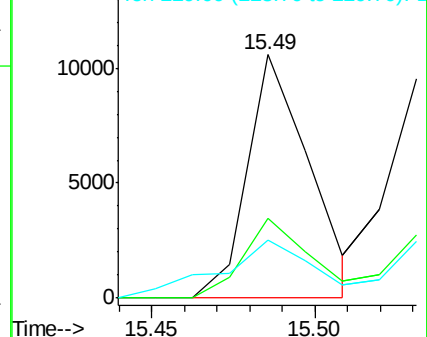
229 23.6 15.8 23.8

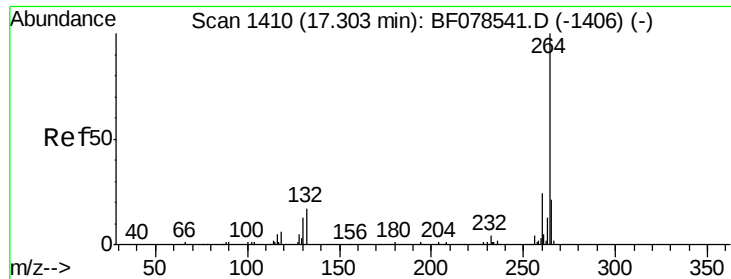


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

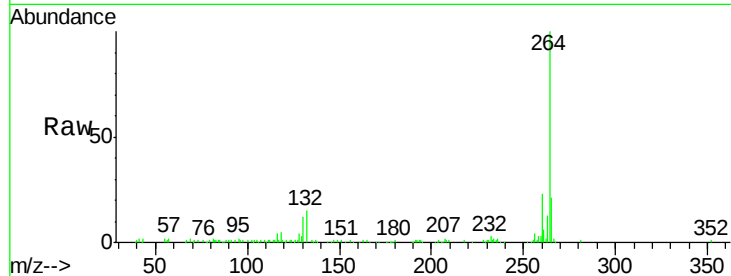




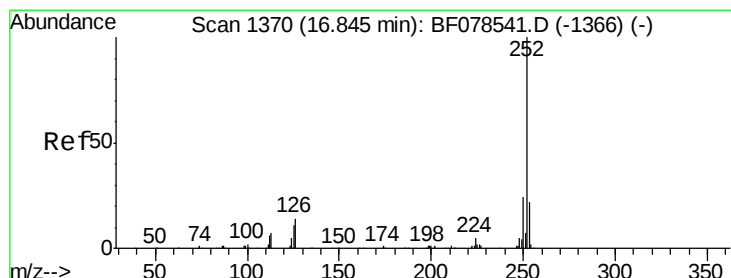
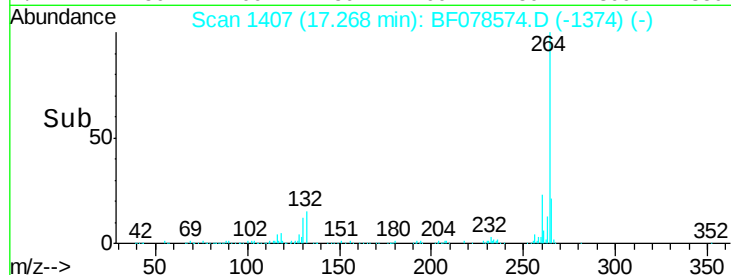
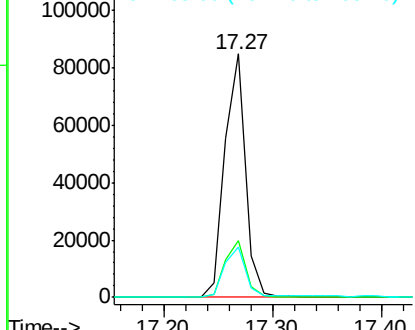
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.27 min Scan# 1407
Delta R.T. 0.08 min
Lab File: BF078574.D
Acq: 16 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
LS-SB14B(10-10.5)

Tgt Ion:264 Resp: 112179
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 20.8 17.0 25.6

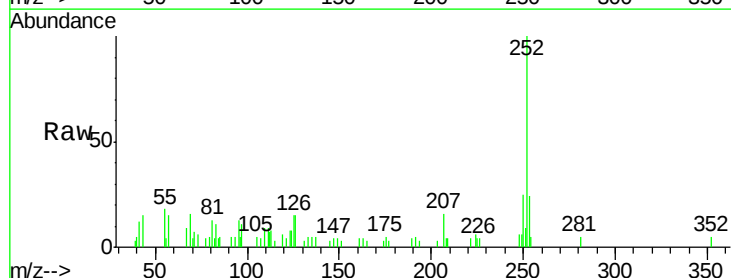


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

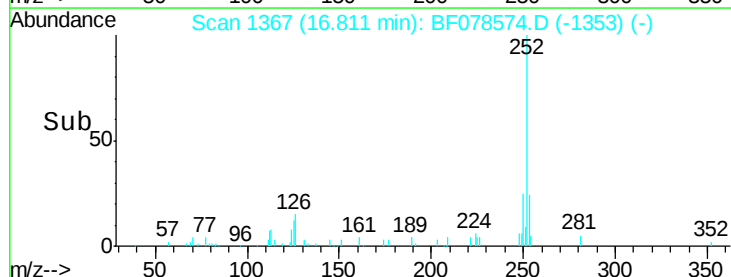
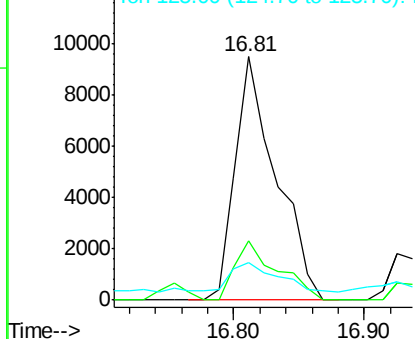


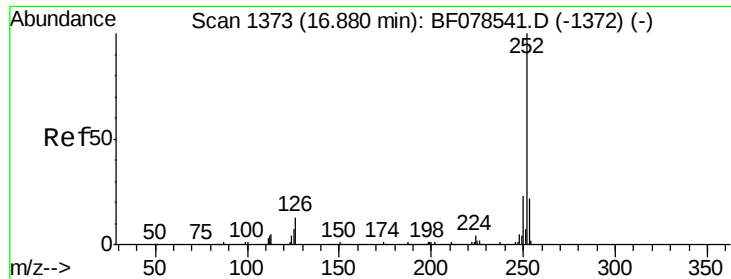
#87
Benzo(b)fluoranthene
Concen: 2.98 ng
RT: 16.81 min Scan# 1367
Delta R.T. 0.06 min
Lab File: BF078574.D
Acq: 16 Apr 2015 19:20

Tgt Ion:252 Resp: 20649
Ion Ratio Lower Upper
252 100
253 24.4 17.2 25.8
125 15.2 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88
 Benzo(k)fluoranthene
 Concen: 3.31 ng
 RT: 16.81 min Scan# 1367
 Delta R.T. 0.02 min
 Lab File: BF078574.D
 Acq: 16 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB14B(10-10.5)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	15.2	11.6	17.4

