

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 02:14:52 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

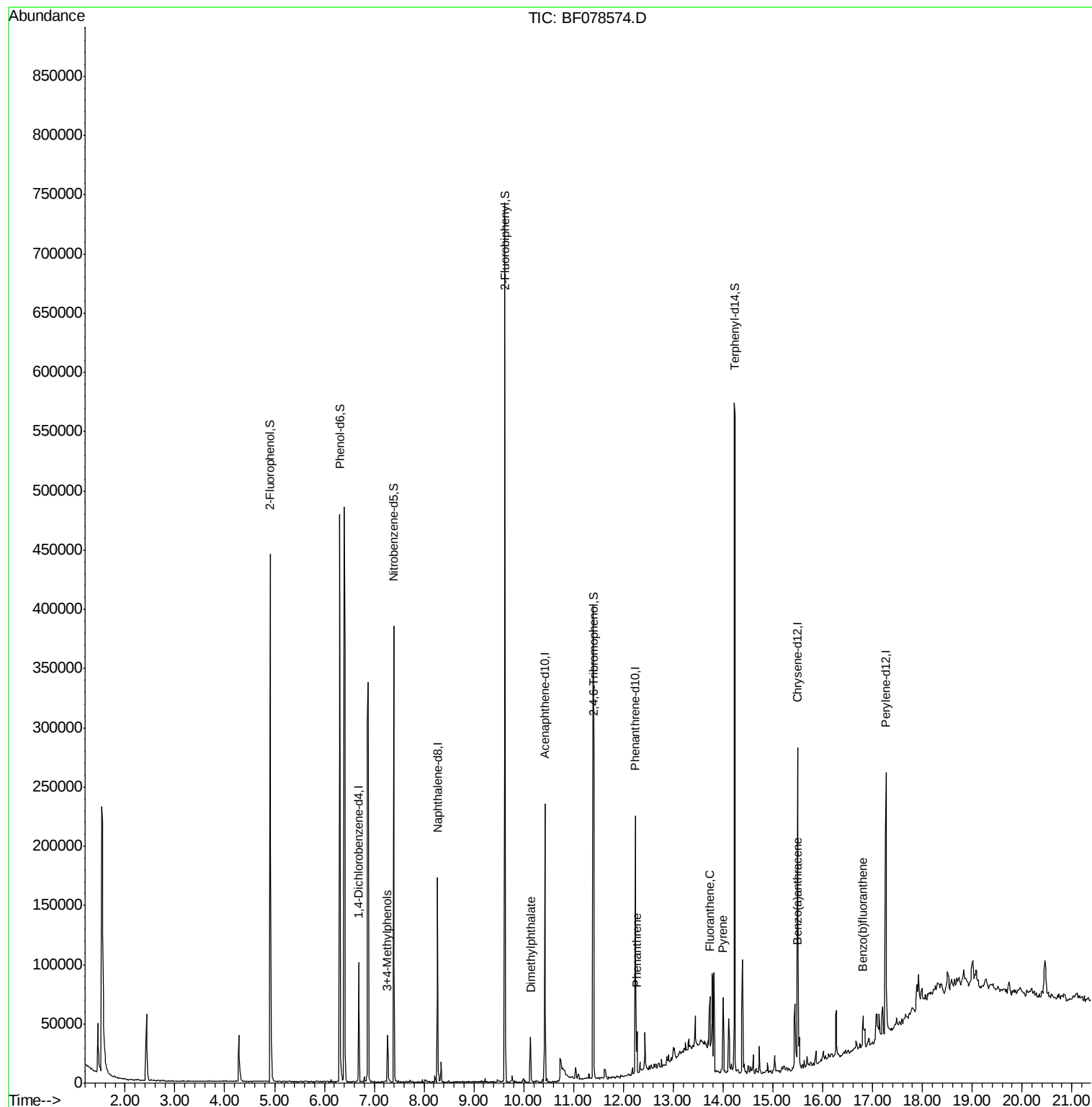
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	20828	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	90451	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	48089	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	94986	20.00	ng	0.00
75) Chrysene-d12	15.50	240	110211	20.00	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
20) 3+4-Methylphenols	7.27	107	14061	9.09	ng	98
49) Dimethylphthalate	10.14	163	17701	4.90	ng	99
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
87) Benzo(b)fluoranthene	16.81	252	17096m	2.47	ng	

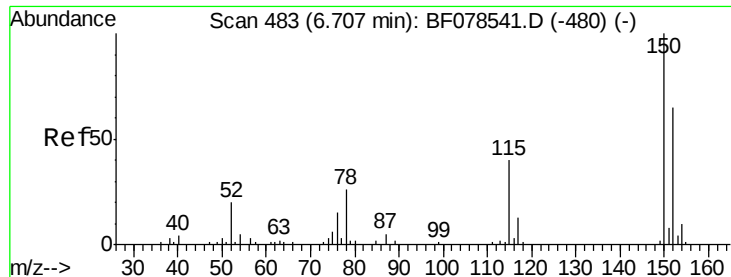
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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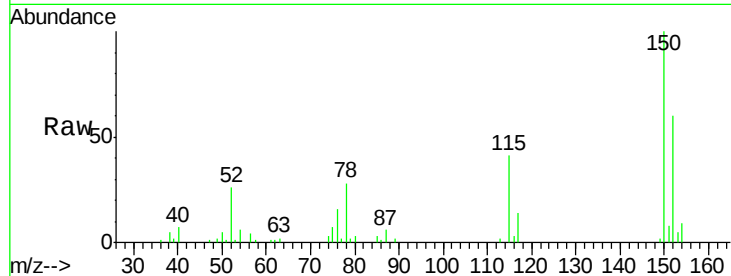


#1

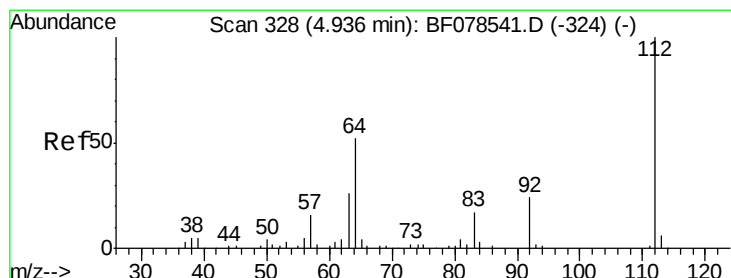
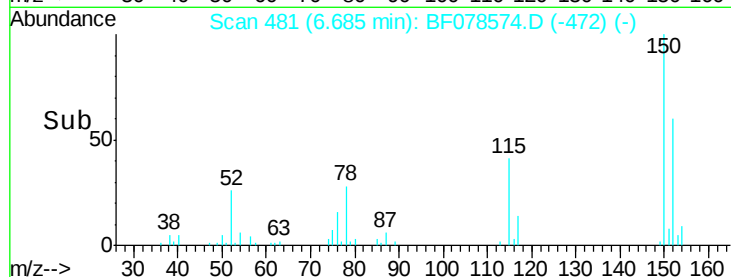
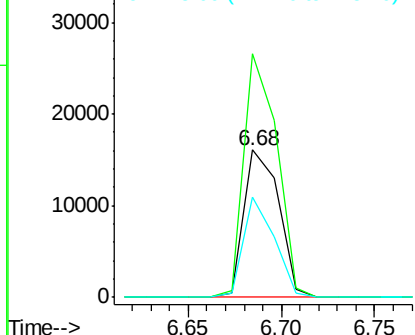
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF078574.D
Acq: 16 Apr 2015 19:20

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



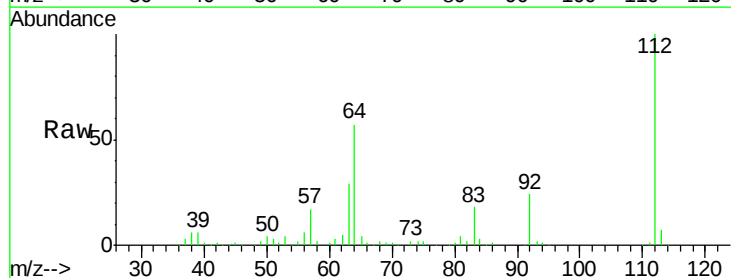
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



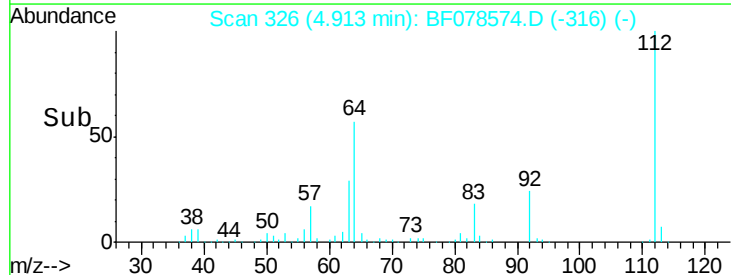
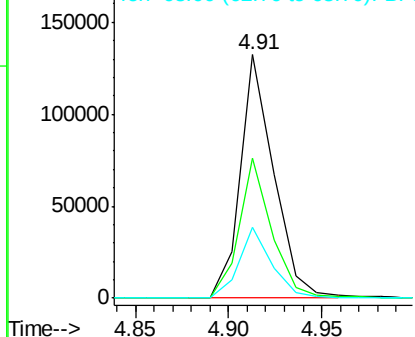
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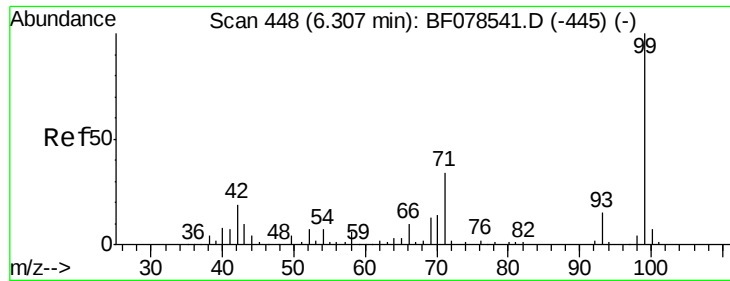
2-Fluorophenol
Concen: 131.13 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.01 min
Lab File: BF078574.D
Acq: 16 Apr 2015 19:20

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)

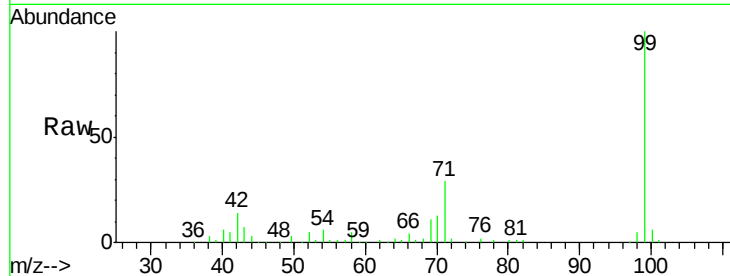
Tgt Ion: 99 Resp: 225425

Ion Ratio Lower Upper

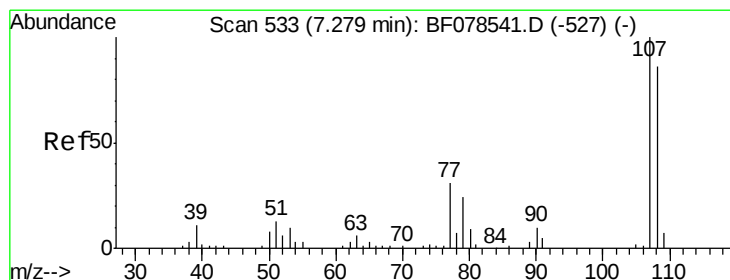
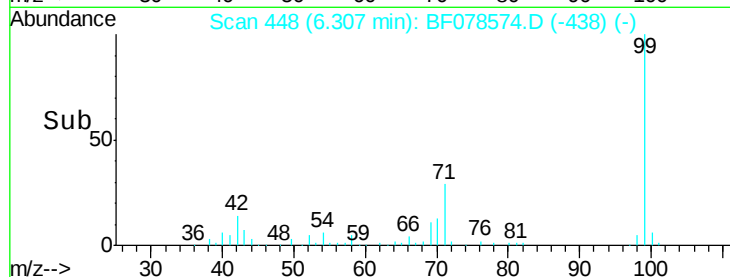
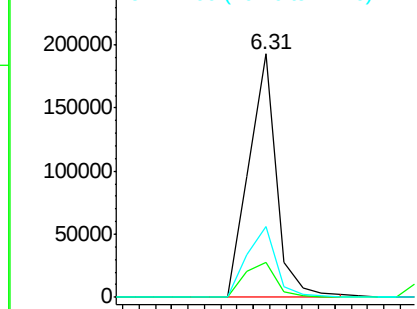
99 100

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



#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

Tgt Ion: 107 Resp: 14061

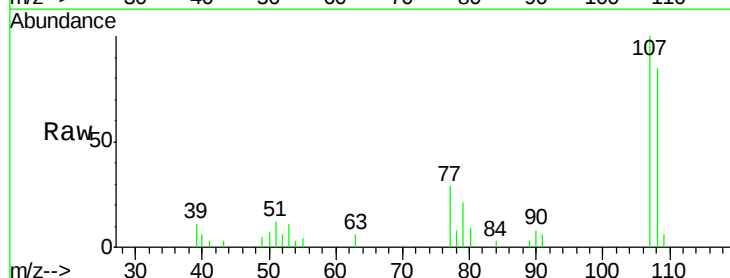
Ion Ratio Lower Upper

107 100

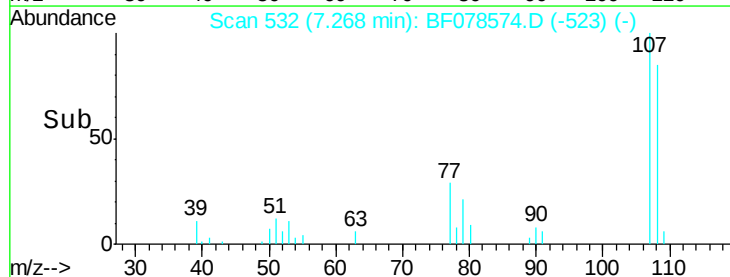
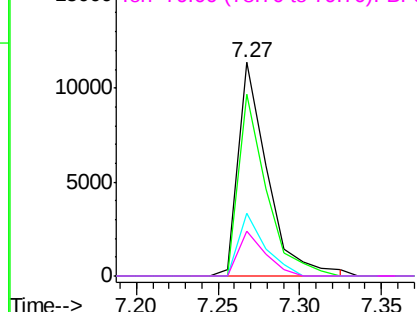
108 85.2 64.4 104.4

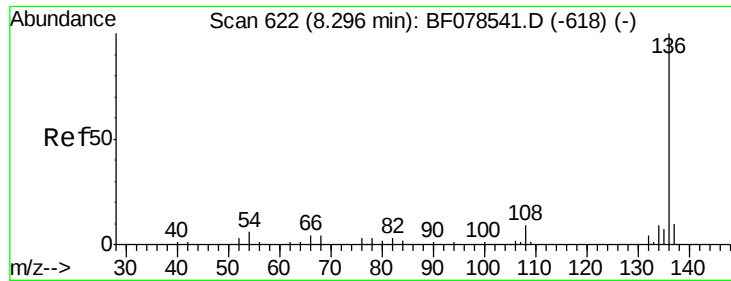
77 29.2 9.7 49.7

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

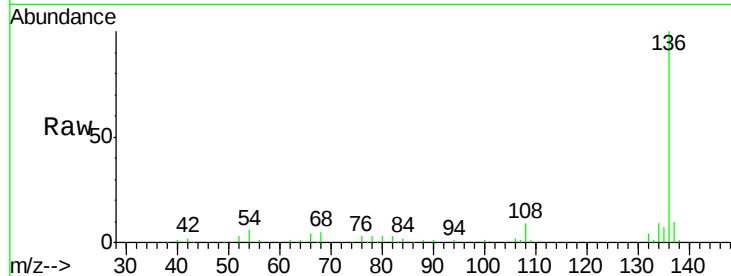




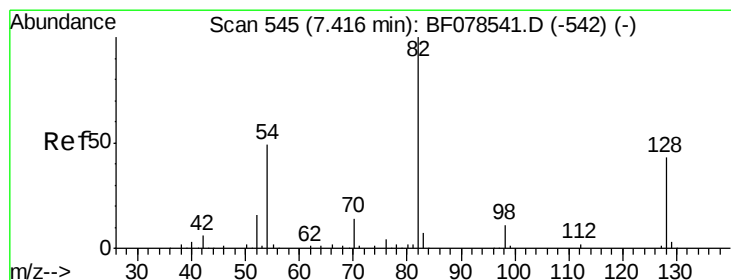
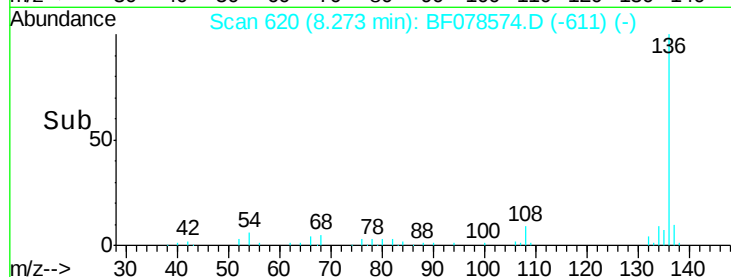
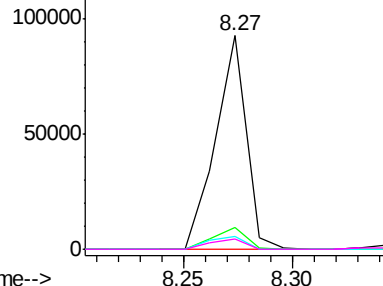
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF078574.D
Acq: 16 Apr 2015 19:20

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

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#

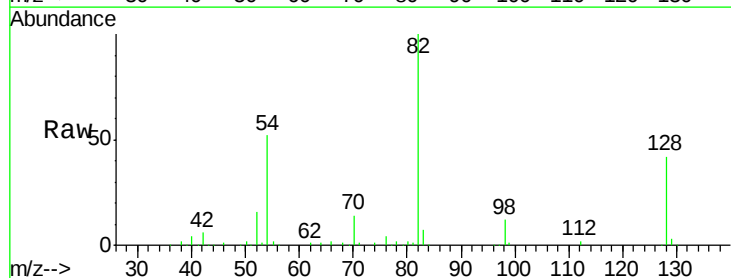


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

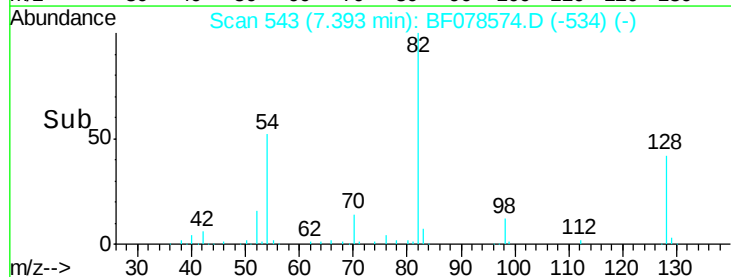
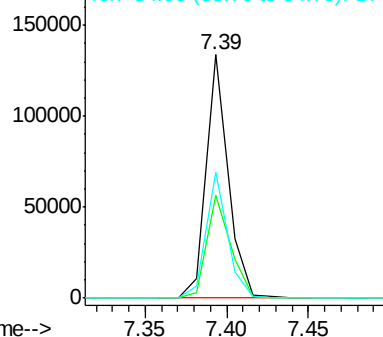


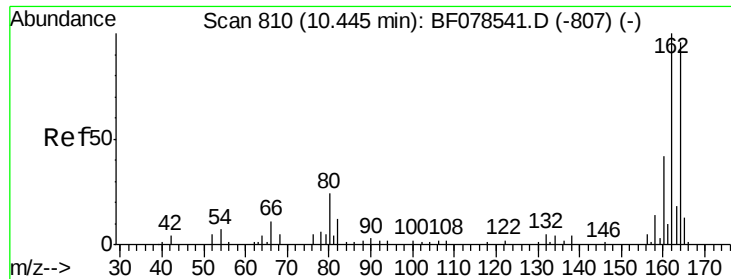
#23
Nitrobenzene-d5
Concen: 83.07 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF078574.D
Acq: 16 Apr 2015 19:20

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



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

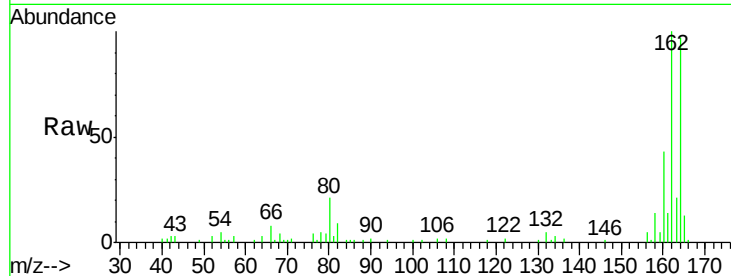




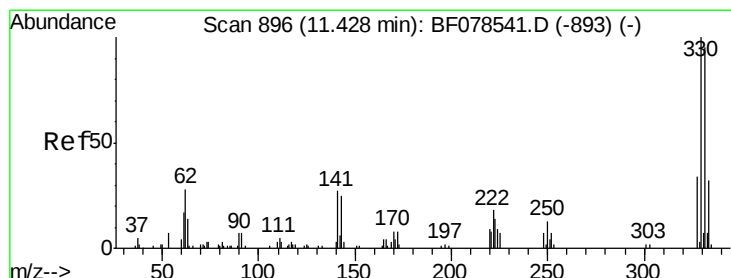
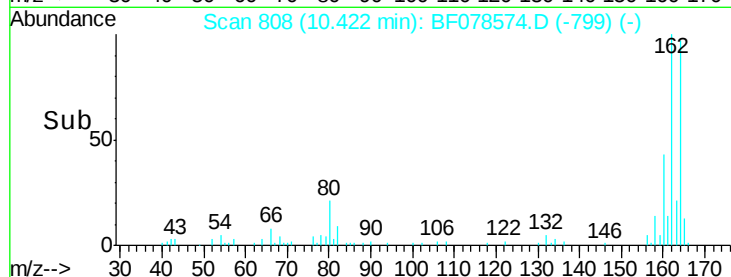
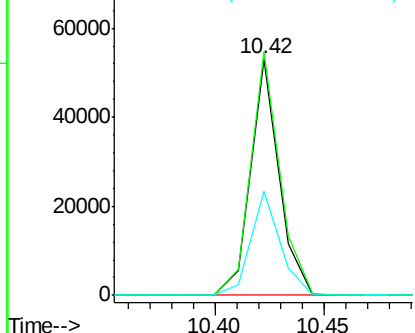
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078574.D
 Acq: 16 Apr 2015 19:20

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

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

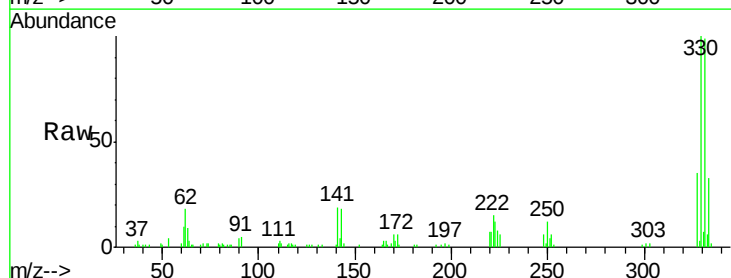


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

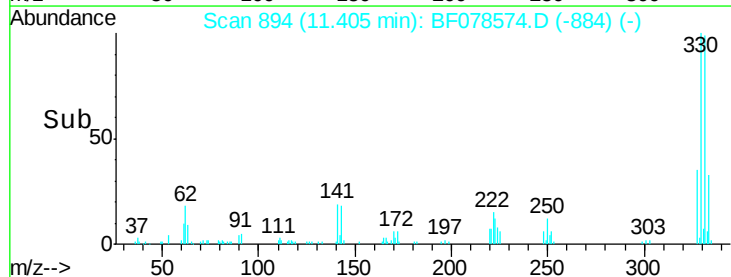
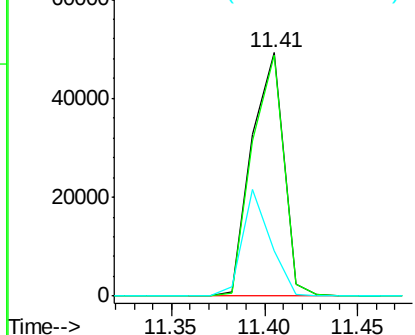


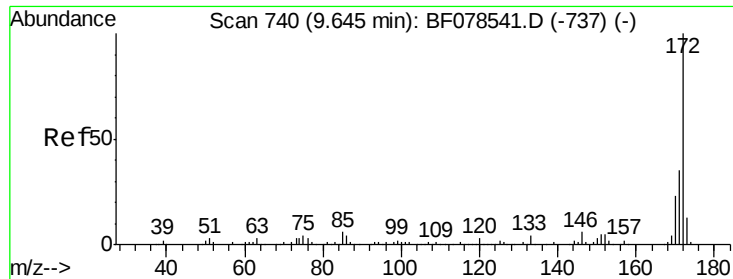
#41
 2,4,6-Tribromophenol
 Concen: 147.32 ng
 RT: 11.41 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF078574.D
 Acq: 16 Apr 2015 19:20

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

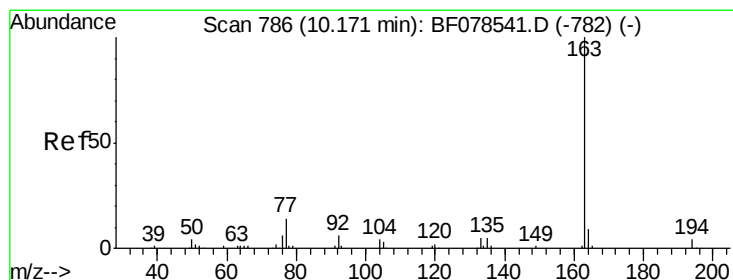
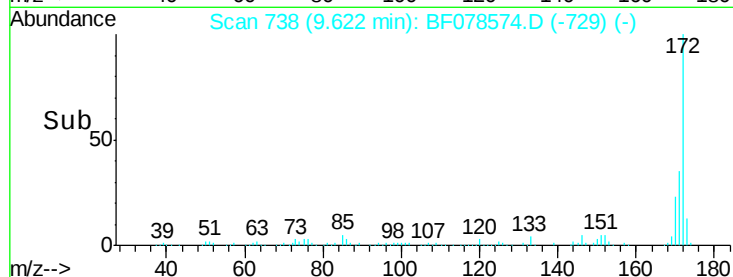
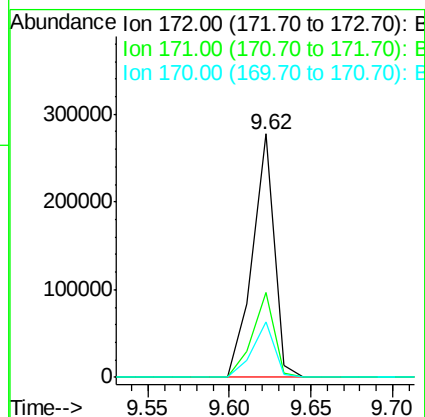
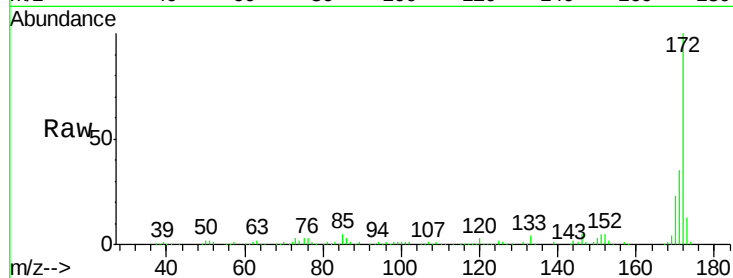




#44
 2-Fluorobiphenyl
 Concen: 76.57 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078574.D
 Acq: 16 Apr 2015 19:20

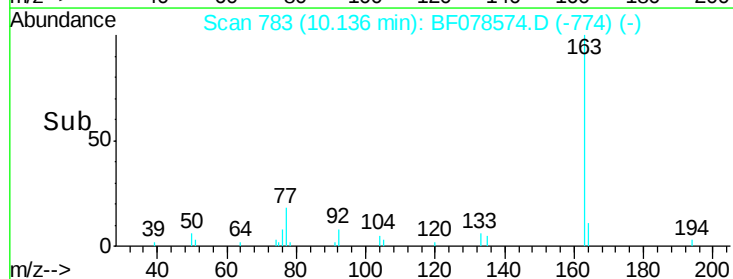
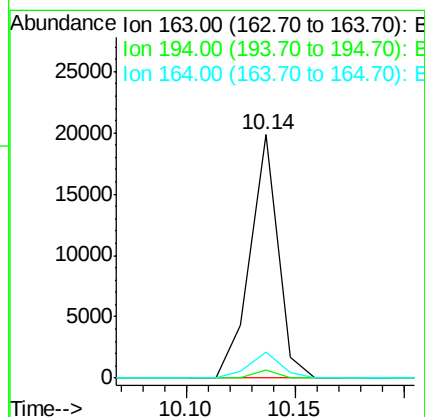
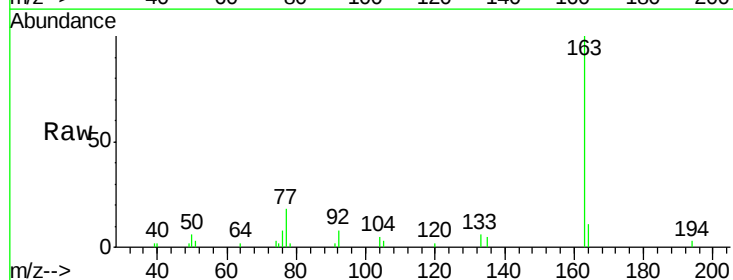
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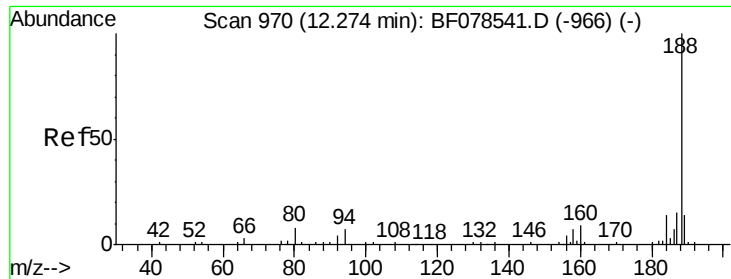
Tgt Ion:172 Resp: 257607
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 22.7 18.5 27.7



#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

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

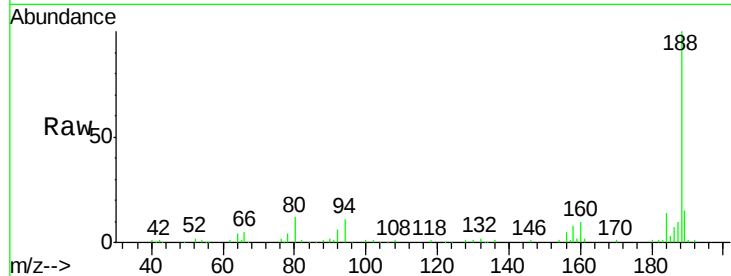




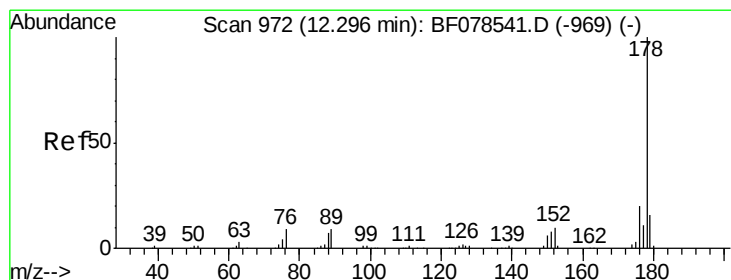
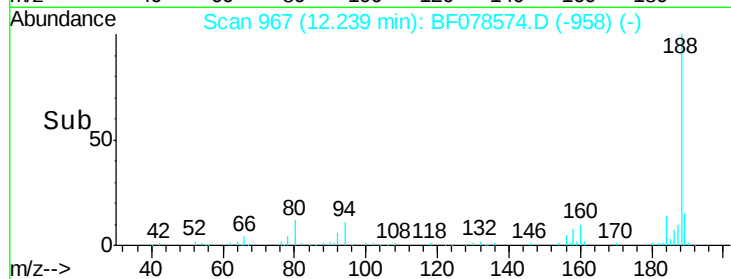
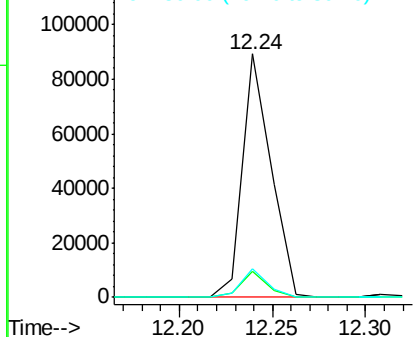
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078574.D
Acq: 16 Apr 2015 19:20

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

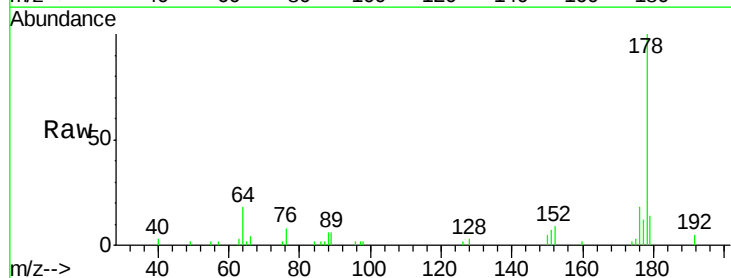


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

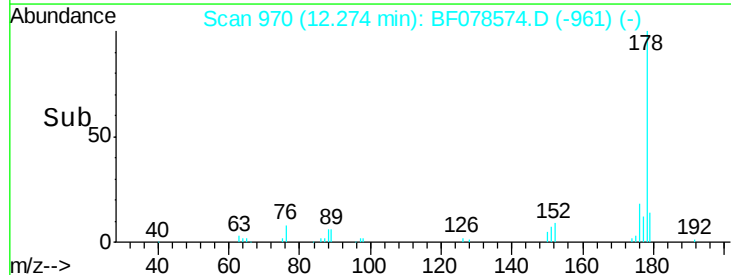
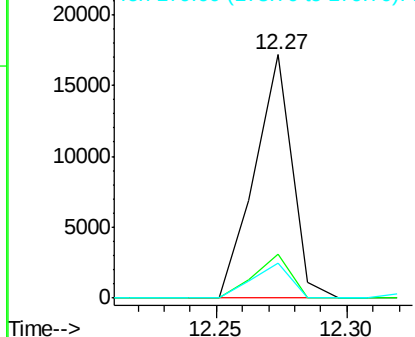


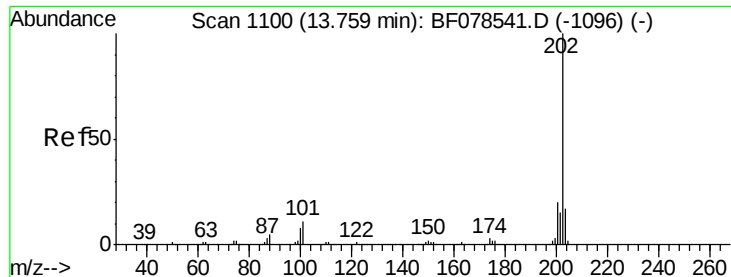
#70
Phenanthrene
Concen: 3.15 ng
RT: 12.27 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF078574.D
Acq: 16 Apr 2015 19:20

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)

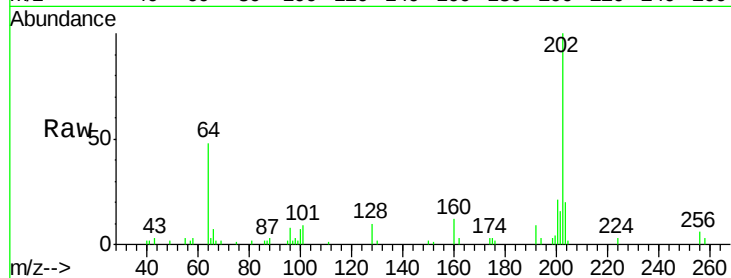
Tgt Ion:202 Resp: 25095

Ion Ratio Lower Upper

202 100

101 9.1 0.0 35.2

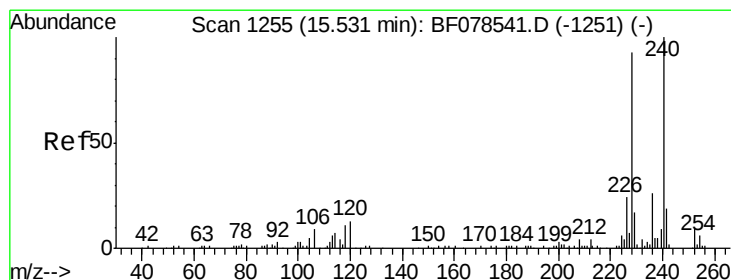
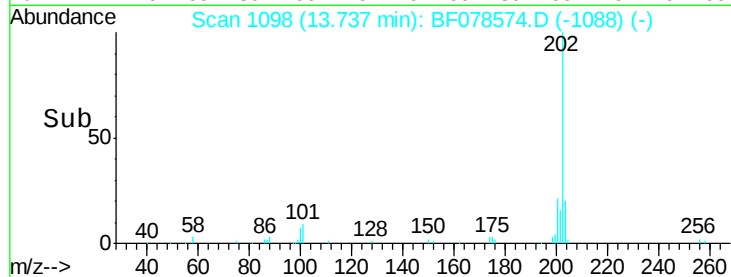
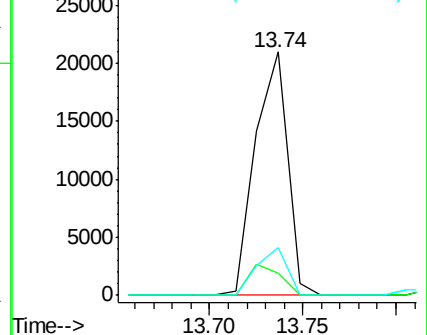
203 19.7 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

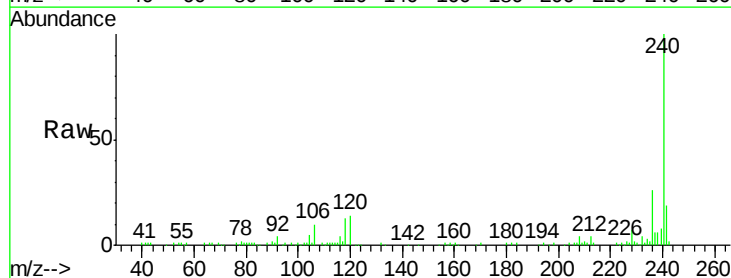
Tgt Ion:240 Resp: 110211

Ion Ratio Lower Upper

240 100

120 13.6 7.1 10.7#

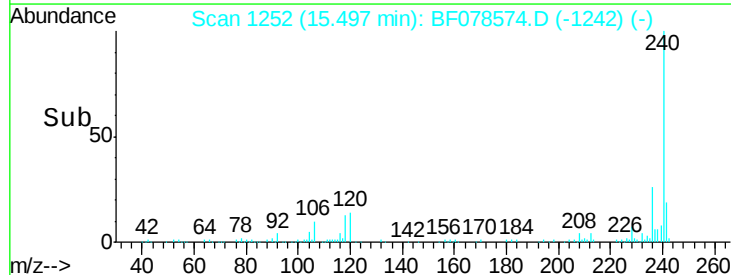
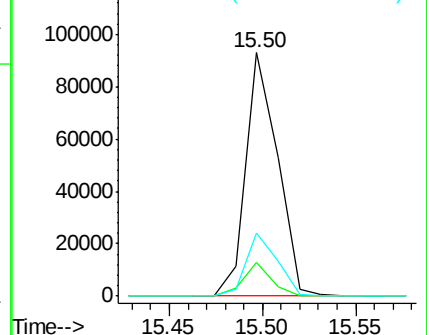
236 25.7 21.4 32.2

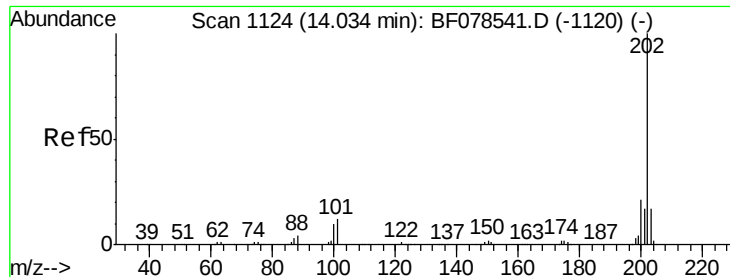


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

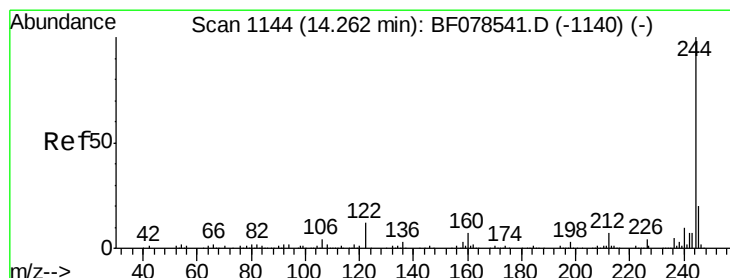
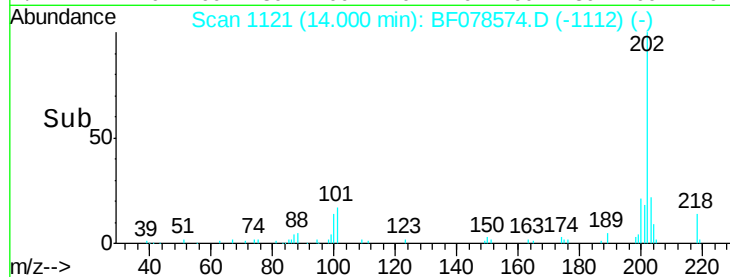
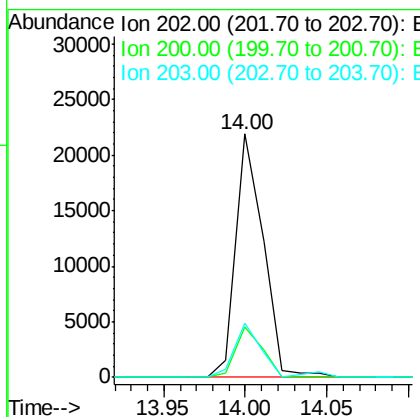
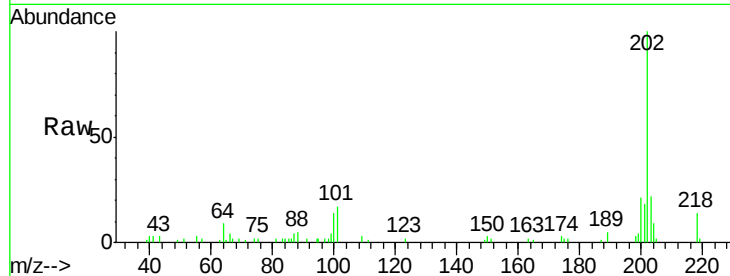




#77
 Pyrene
 Concen: 3.66 ng
 RT: 14.00 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF078574.D
 Acq: 16 Apr 2015 19:20

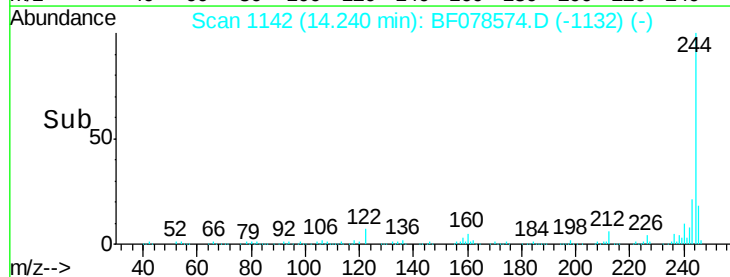
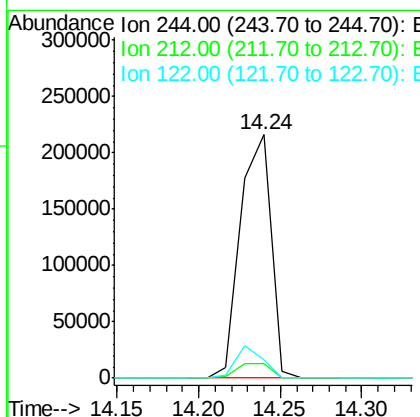
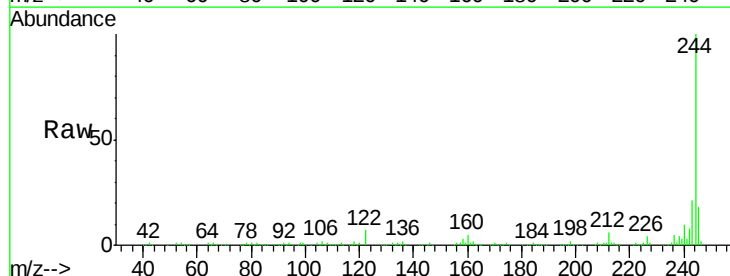
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB14B(10-10.5)

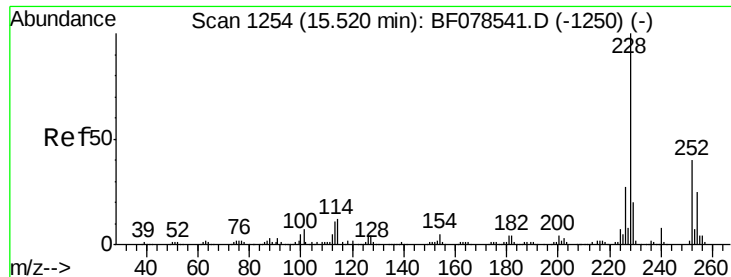
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	22.5	13.8	20.6



#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	Ratio	Lower	Upper
244	100		
212	5.8	5.0	7.4
122	7.3	7.1	10.7





#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)

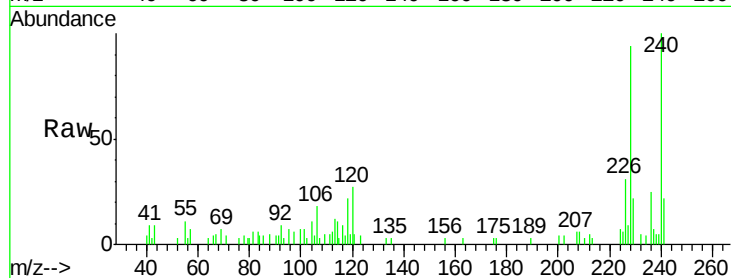
Tgt Ion:228 Resp: 13938

Ion Ratio Lower Upper

228 100

226 32.5 21.3 31.9#

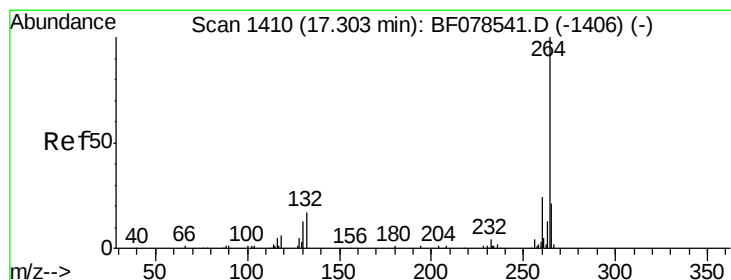
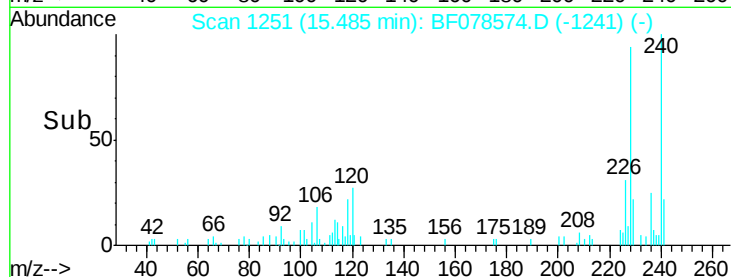
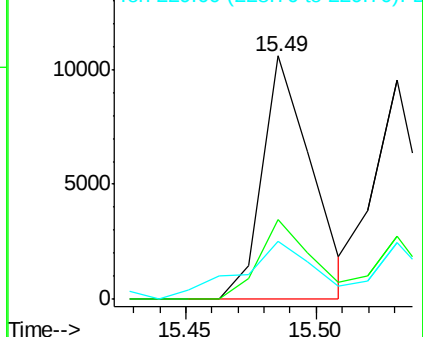
229 23.6 15.4 23.2#



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



#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

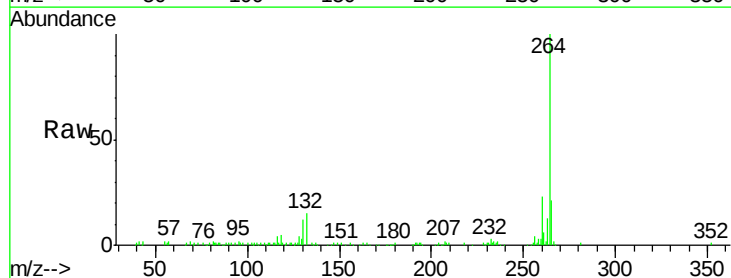
Tgt Ion:264 Resp: 112179

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

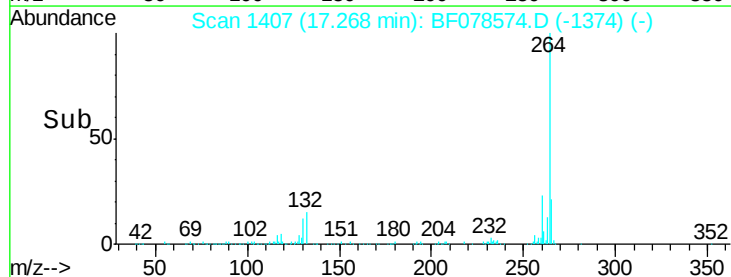
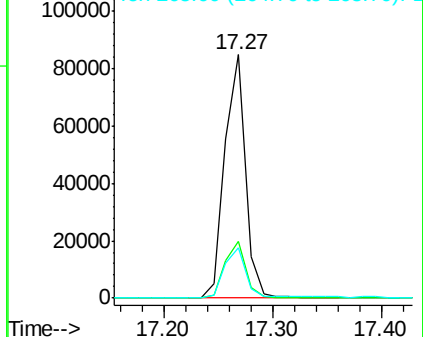
265 20.8 17.0 25.6

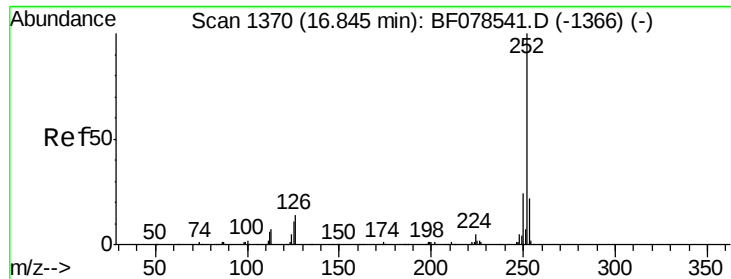


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.47 ng m

RT: 16.81 min Scan# 1367

Delta R.T. 0.06 min

Lab File: BF078574.D

Acq: 16 Apr 2015 19:20

Instrument :

BNA_F

ClientSampleId :

LS-SB14B(10-10.5)

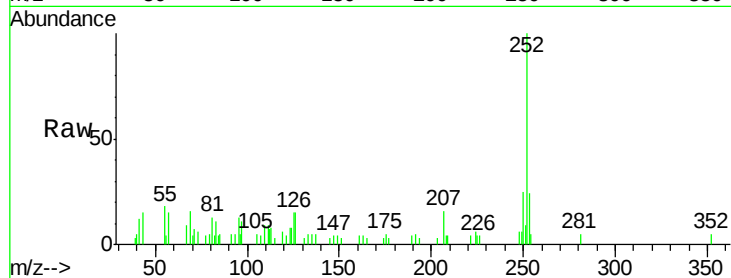
Tgt Ion: 252 Resp: 17096

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

