

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078573.D
 Acq On : 16 Apr 2015 18:51
 Operator : TP/IZ
 Sample : G1891-07DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-71S

Quant Time: Apr 17 01:22:53 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

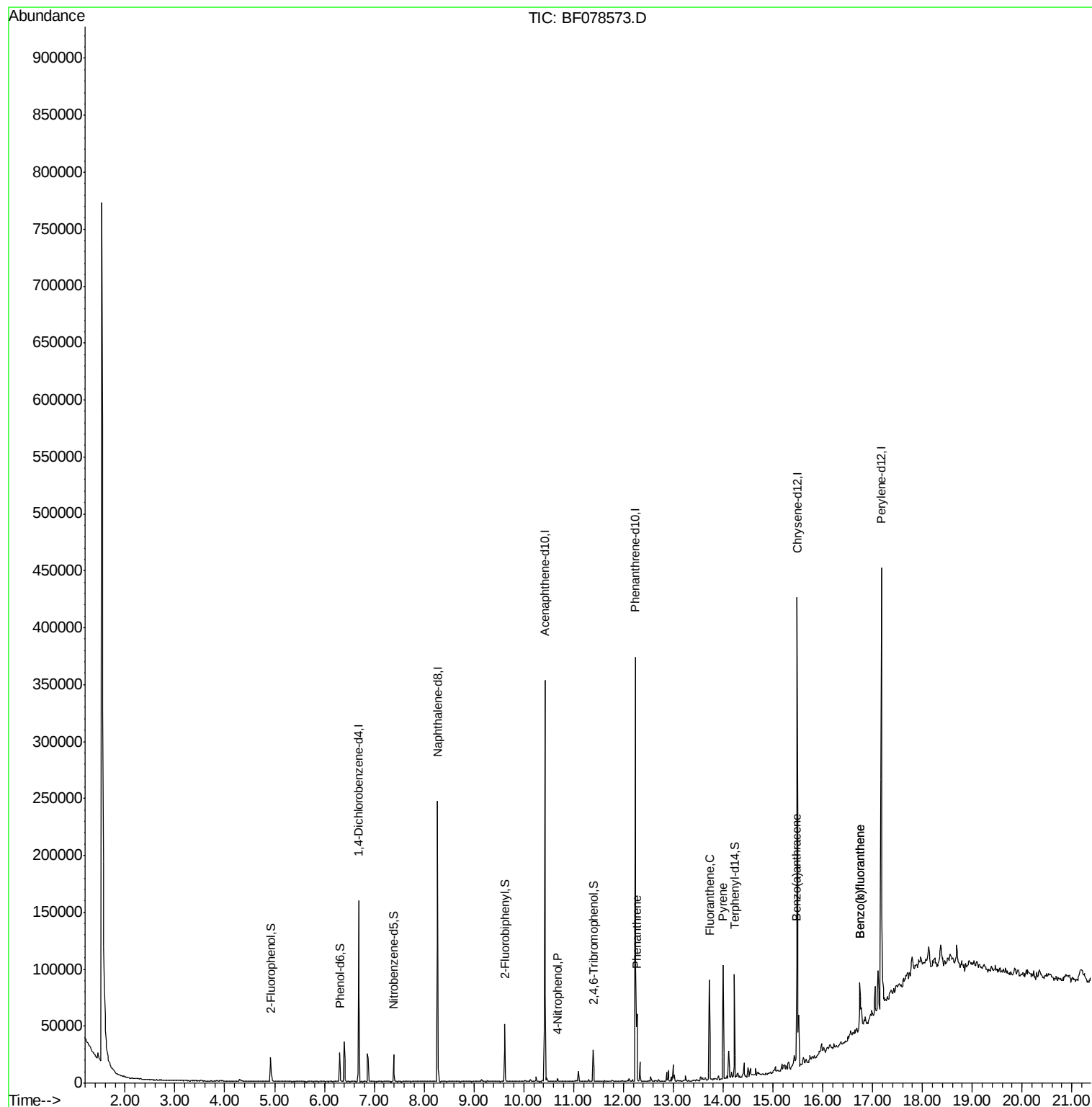
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	29712	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	135871	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	73112	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	148225	20.00	ng	0.00
75) Chrysene-d12	15.49	240	169985	20.00	ng	0.00
86) Perylene-d12	17.18	264	168706	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	11504	6.38	ng	0.02
7) Phenol-d6	6.31	99	15462	6.85	ng	0.01
23) Nitrobenzene-d5	7.39	82	9287	4.14	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	3849	6.35	ng	0.00
44) 2-Fluorobiphenyl	9.62	172	22973	4.49	ng	0.00
78) Terphenyl-d14	14.23	244	32541	4.33	ng	0.00
Target Compounds						
55) 4-Nitrophenol	10.67	139	699	3.48	ng	Qvalue # 18
70) Phenanthrene	12.27	178	33614	3.92	ng	99
74) Fluoranthene	13.73	202	41447	4.58	ng	99
77) Pyrene	14.00	202	40168	3.76	ng	96
80) Benzo(a)anthracene	15.47	228	20644	2.04	ng	96
87) Benzo(b)fluoranthene	16.74	252	28574	2.74	ng	# 92
88) Benzo(k)fluoranthene	16.74	252	28574	3.08	ng	97

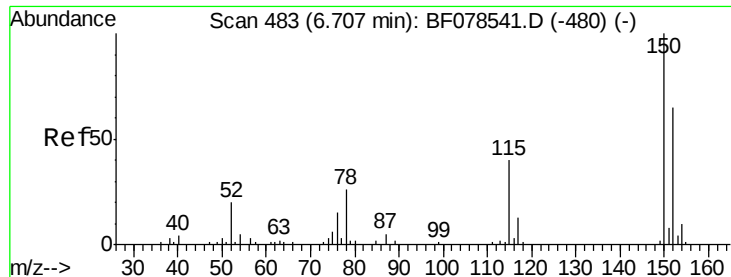
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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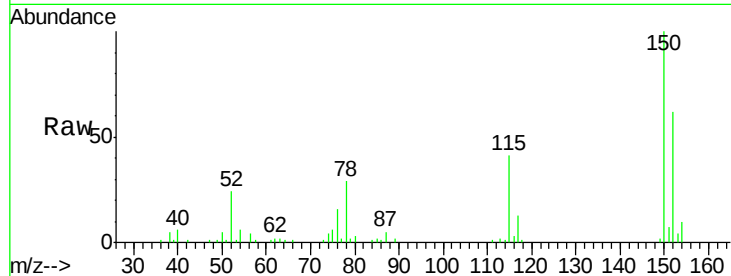


#1

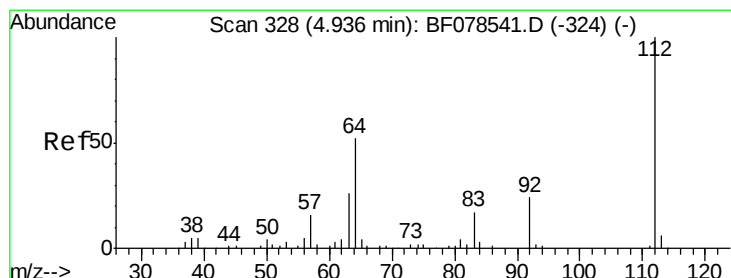
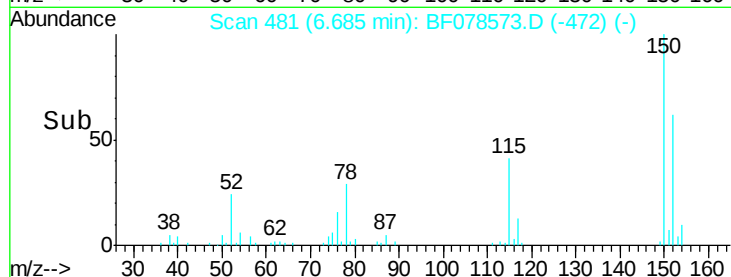
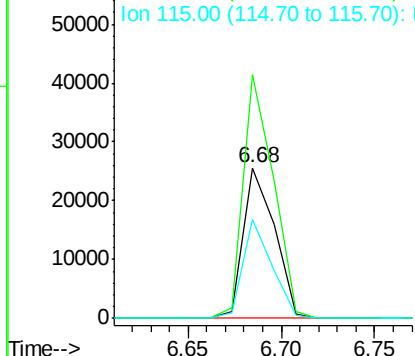
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF078573.D
Acq: 16 Apr 2015 18:51

Instrument :
BNA_F
ClientSampled :
SB-71S

Tgt Ion:152 Resp: 29712
Ion Ratio Lower Upper
152 100
150 161.9 125.9 188.9
115 66.0 52.7 79.1



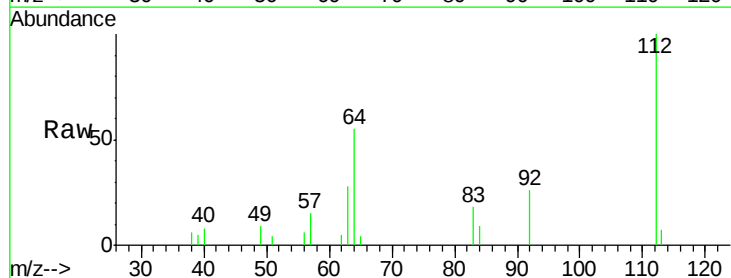
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



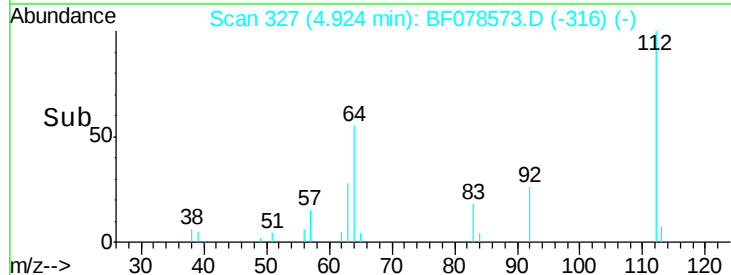
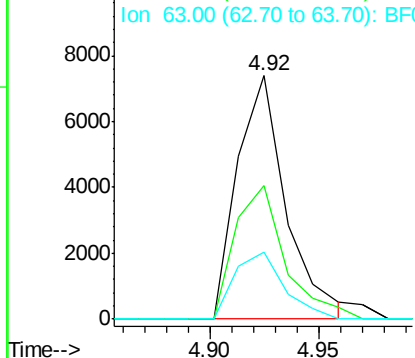
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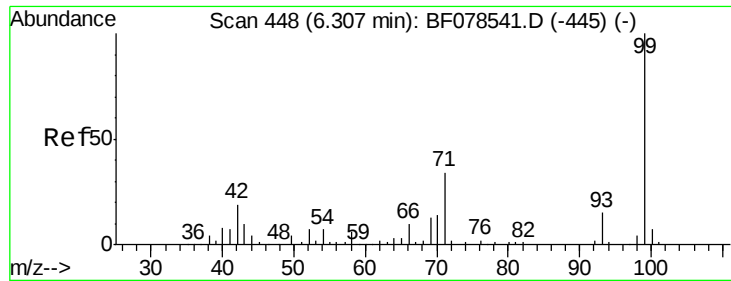
2-Fluorophenol
Concen: 6.38 ng
RT: 4.92 min Scan# 327
Delta R.T. 0.02 min
Lab File: BF078573.D
Acq: 16 Apr 2015 18:51

Tgt Ion:112 Resp: 11504
Ion Ratio Lower Upper
112 100
64 55.1 39.9 59.9
63 27.5 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: 6.85 ng

RT: 6.31 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF078573.D

Acq: 16 Apr 2015 18:51

Instrument :

BNA_F

ClientSampled :

SB-71S

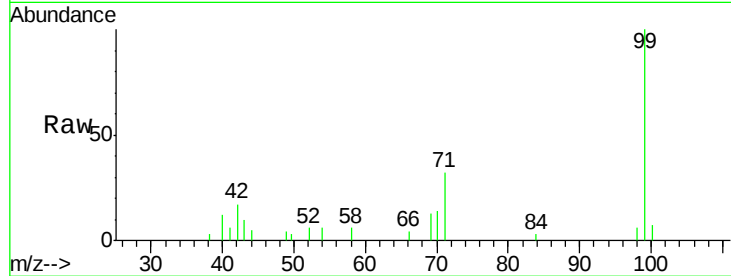
Tgt Ion: 99 Resp: 15462

Ion Ratio Lower Upper

99 100

42 16.6 14.8 22.2

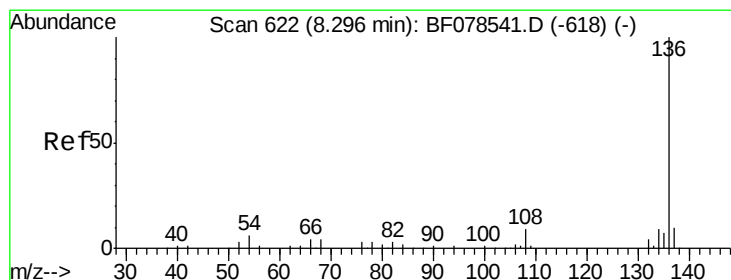
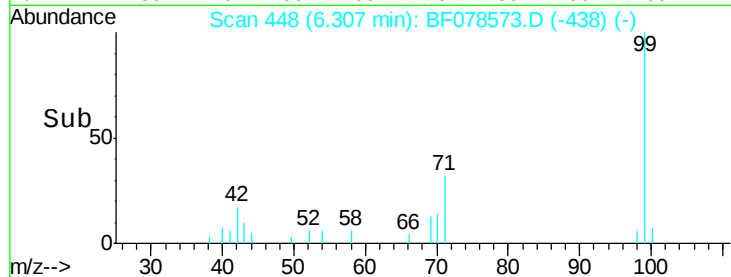
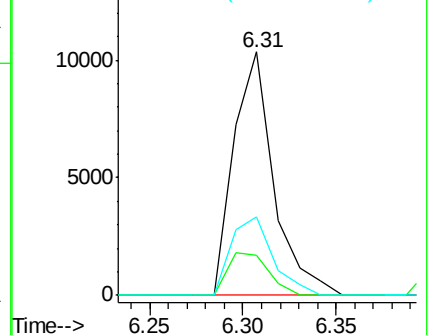
71 32.3 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF078573.D

Acq: 16 Apr 2015 18:51

Tgt Ion: 136 Resp: 135871

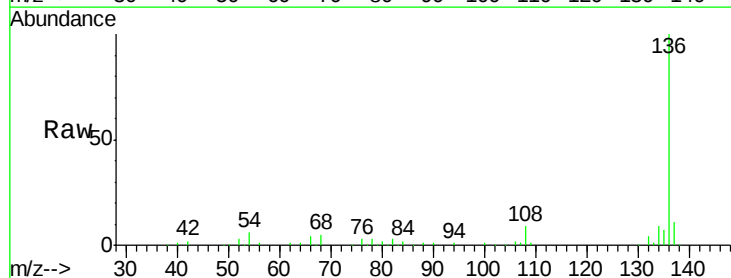
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.6 7.0 10.6#

68 4.9 5.4 8.2#

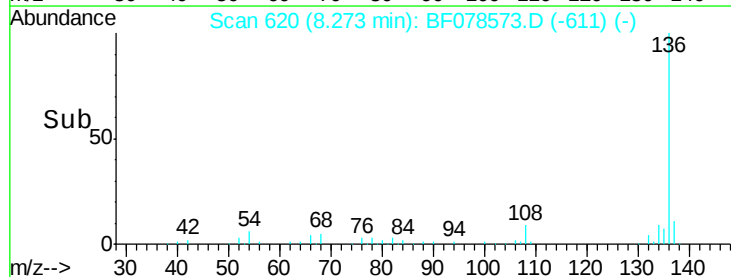
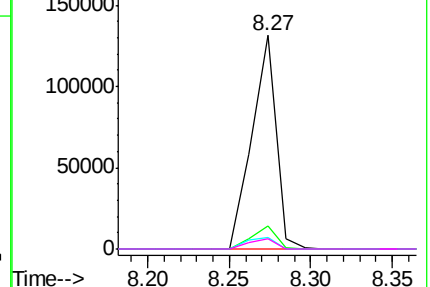


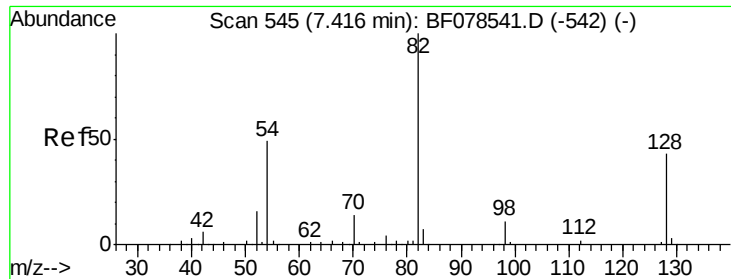
Abundance Ion 136.00 (135.70 to 136.70): E

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

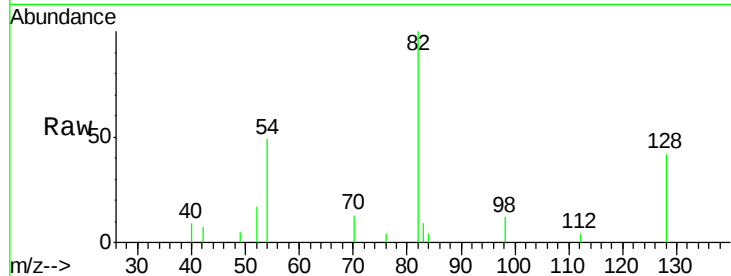




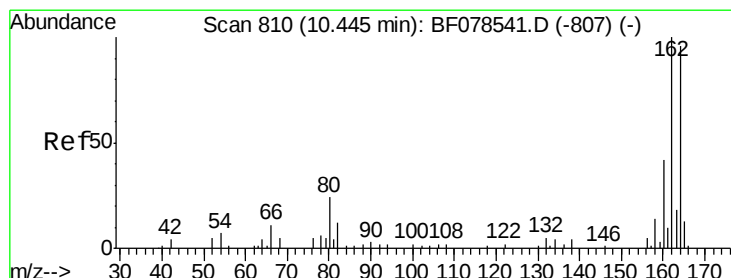
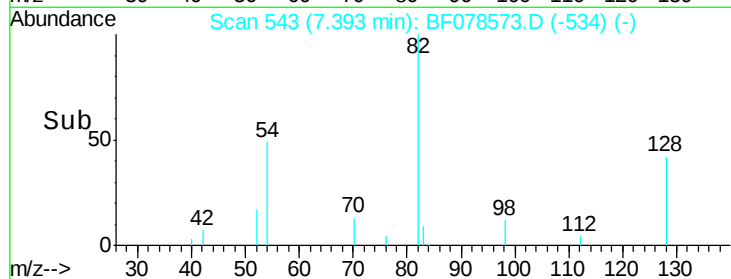
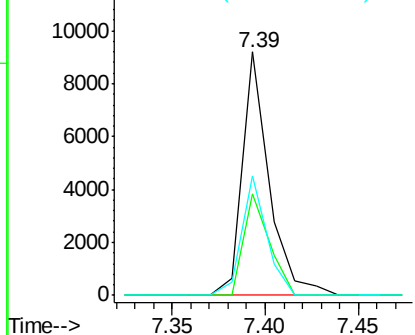
#23
 Nitrobenzene-d5
 Concen: 4.14 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078573.D
 Acq: 16 Apr 2015 18:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-71S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.8	47.8
54	49.2	41.5	62.3

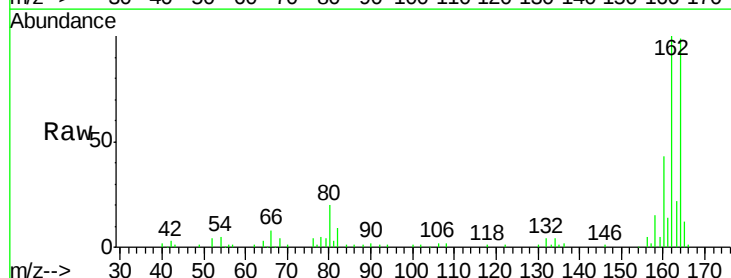


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

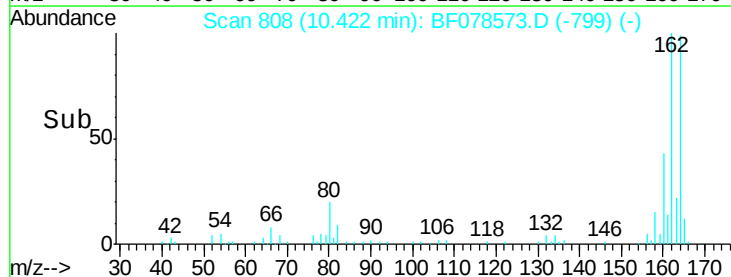
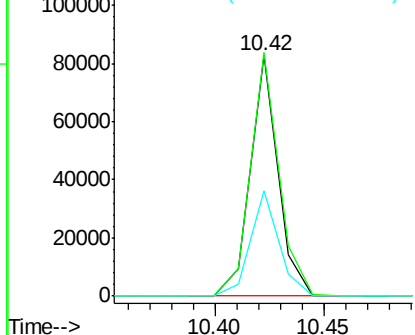


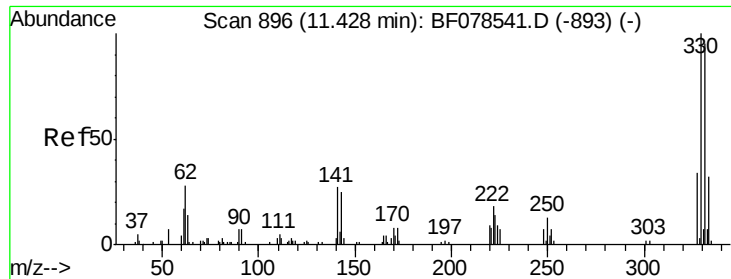
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078573.D
 Acq: 16 Apr 2015 18:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.2
160	43.7	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

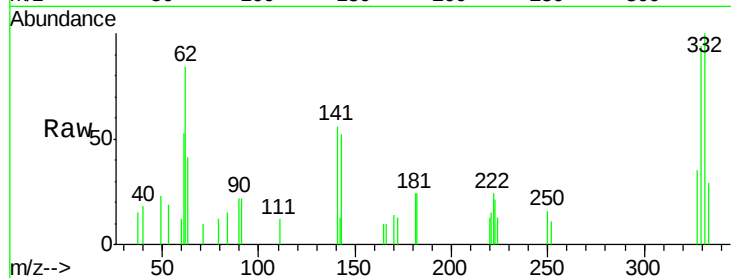




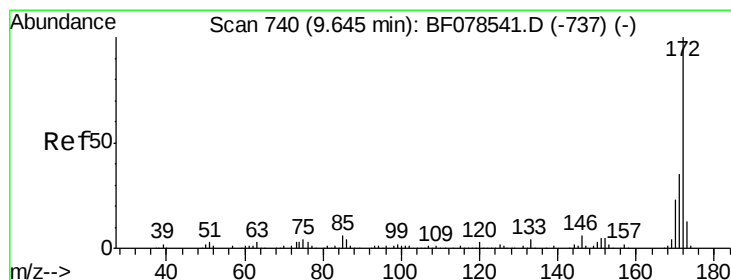
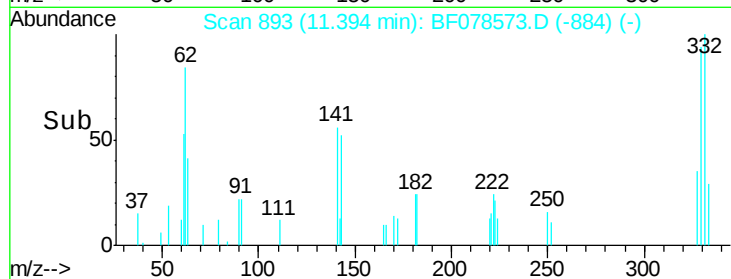
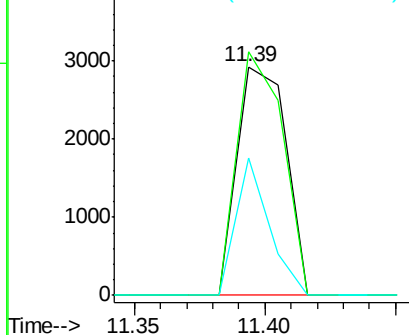
#41
 2,4,6-Tribromophenol
 Concen: 6.35 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF078573.D
 Acq: 16 Apr 2015 18:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-71S

Tgt Ion:330 Resp: 3849
 Ion Ratio Lower Upper
 330 100
 332 100.0 78.6 117.8
 141 40.8 31.2 46.8

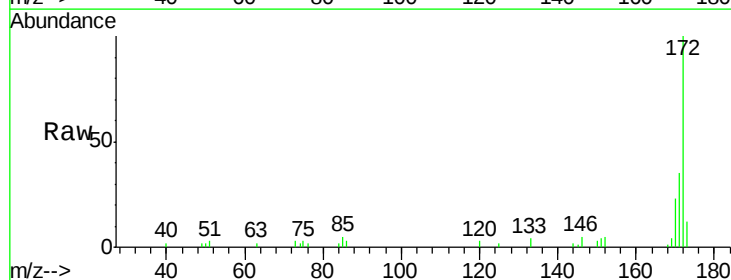


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

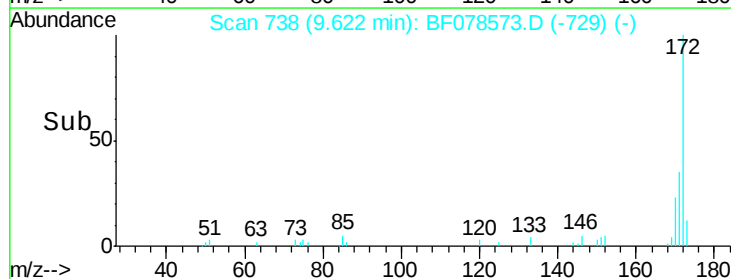
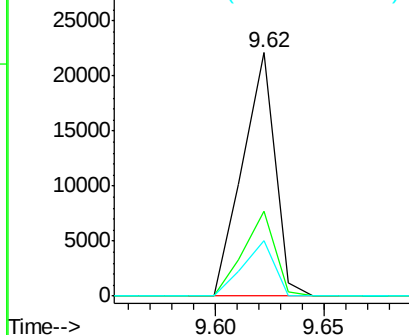


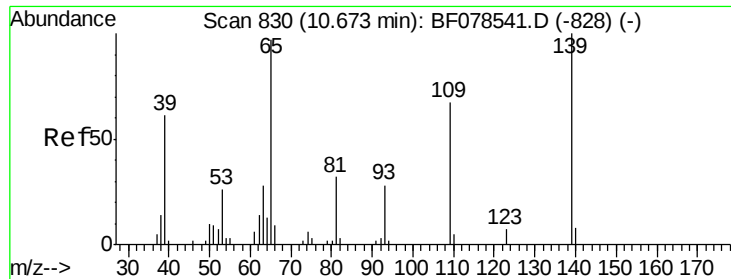
#44
 2-Fluorobiphenyl
 Concen: 4.49 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078573.D
 Acq: 16 Apr 2015 18:51

Tgt Ion:172 Resp: 22973
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 22.8 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

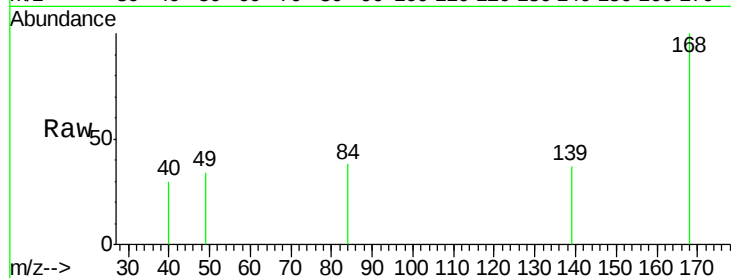




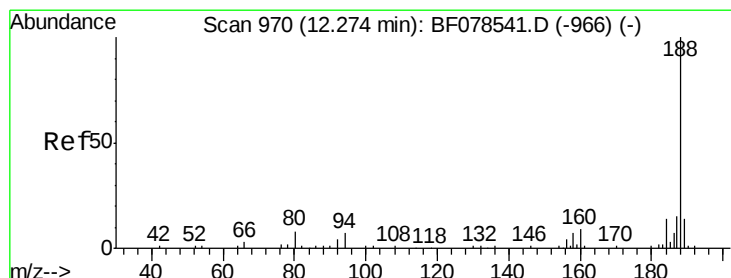
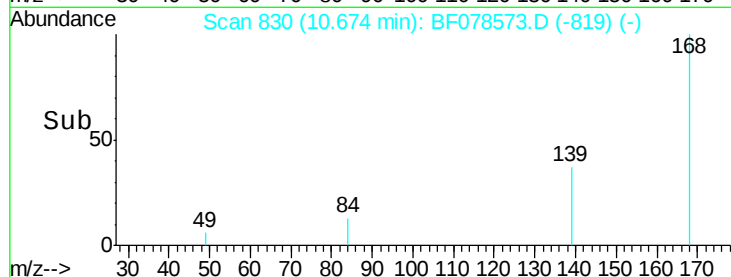
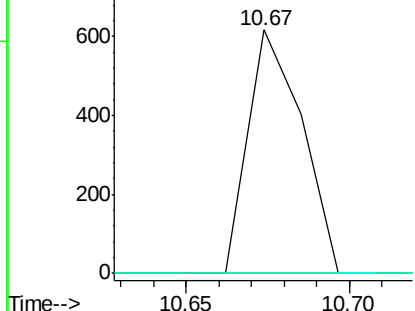
#55
4-Nitrophenol
Concen: 3.48 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.02 min
Lab File: BF078573.D
Acq: 16 Apr 2015 18:51

Instrument :
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ClientSampleId :
SB-71S

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#

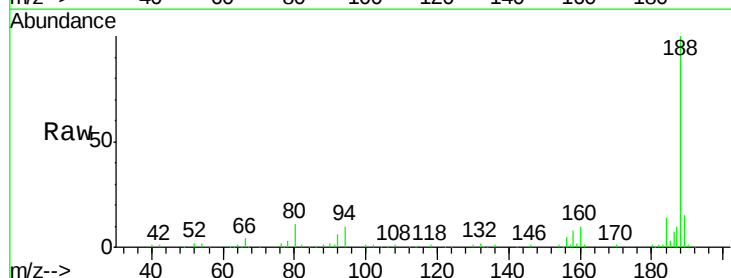


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

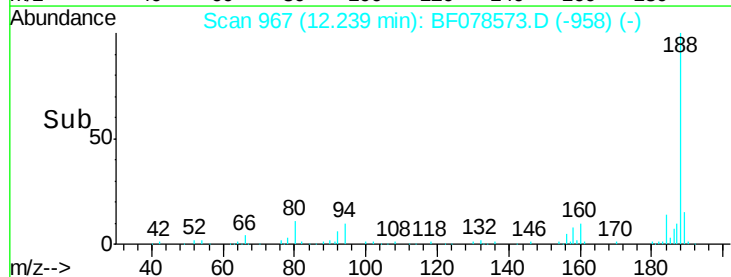
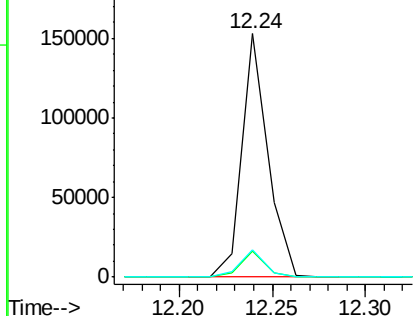


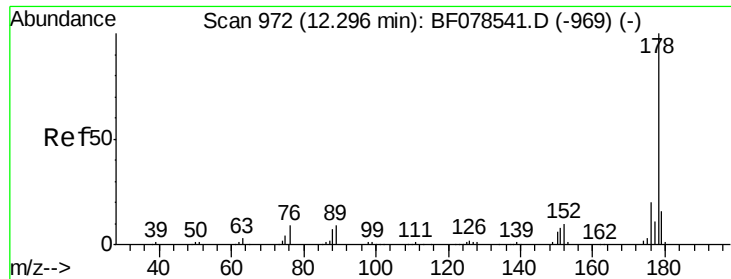
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078573.D
Acq: 16 Apr 2015 18:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.4
80	11.0	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

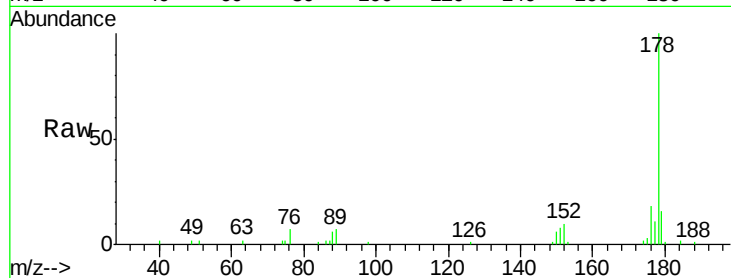




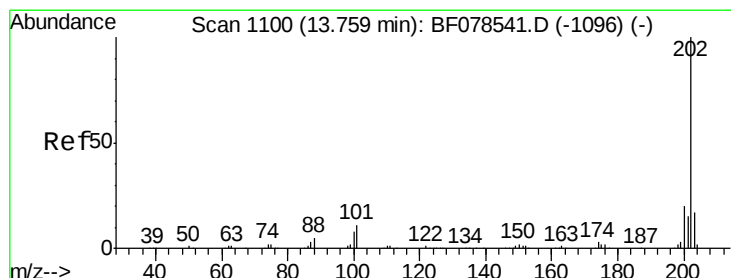
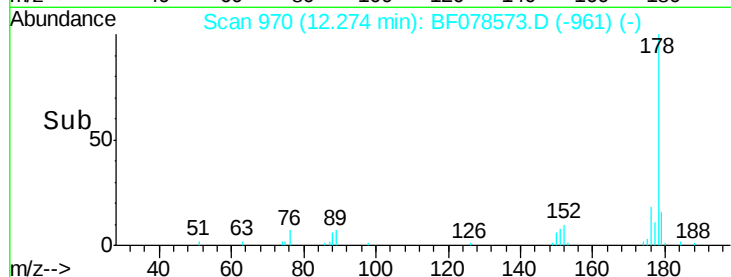
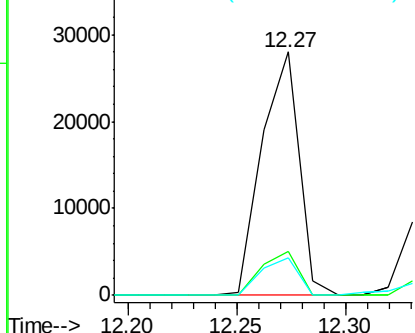
#70
 Phenanthrene
 Concen: 3.92 ng
 RT: 12.27 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF078573.D
 Acq: 16 Apr 2015 18:51

Instrument :
 BNA_F
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 SB-71S

Tgt Ion:178 Resp: 33614
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.0
 179 15.5 12.2 18.2

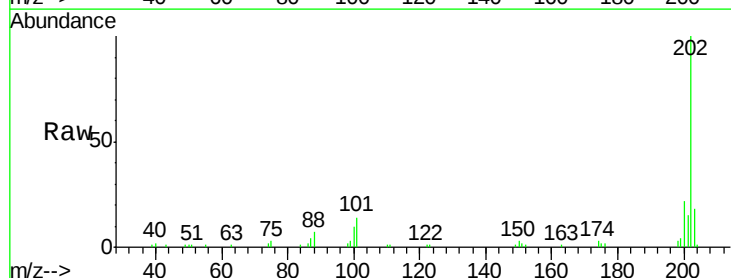


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

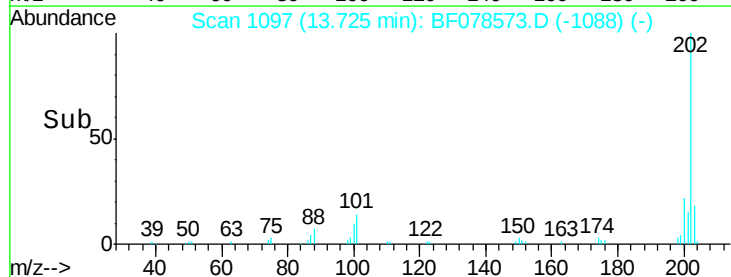
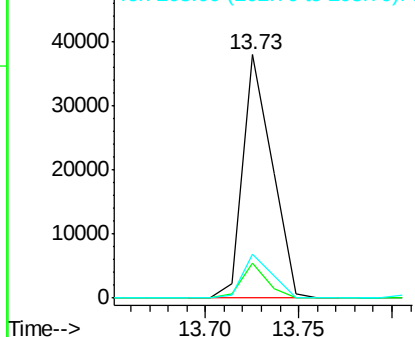


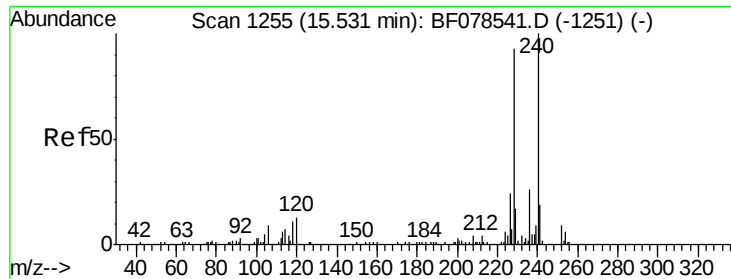
#74
 Fluoranthene
 Concen: 4.58 ng
 RT: 13.73 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF078573.D
 Acq: 16 Apr 2015 18:51

Tgt Ion:202 Resp: 41447
 Ion Ratio Lower Upper
 202 100
 101 14.2 0.0 35.2
 203 18.3 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: 15.49 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF078573.D

Acq: 16 Apr 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SB-71S

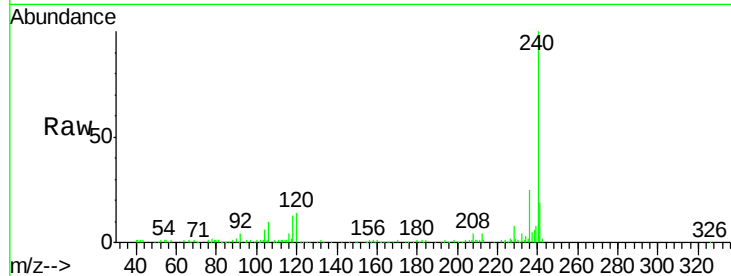
Tgt Ion:240 Resp: 169985

Ion Ratio Lower Upper

240 100

120 14.4 7.1 10.7#

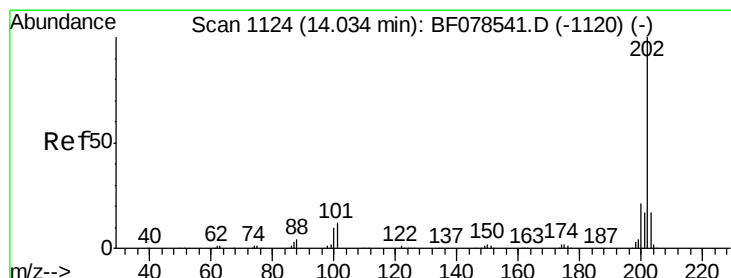
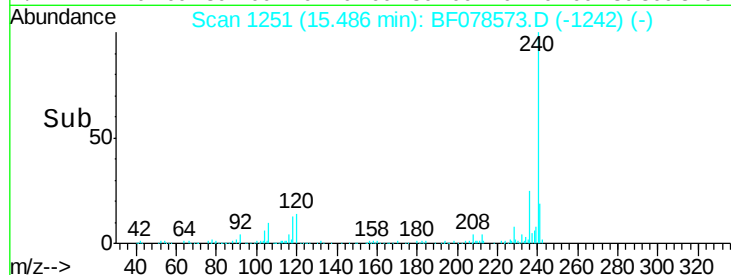
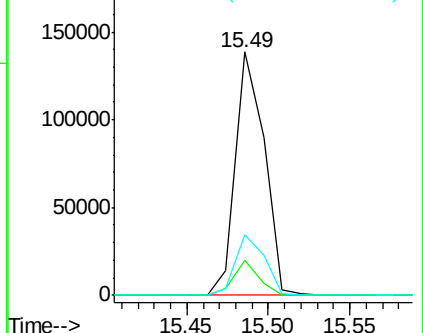
236 25.1 21.4 32.2



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: 3.76 ng

RT: 14.00 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF078573.D

Acq: 16 Apr 2015 18:51

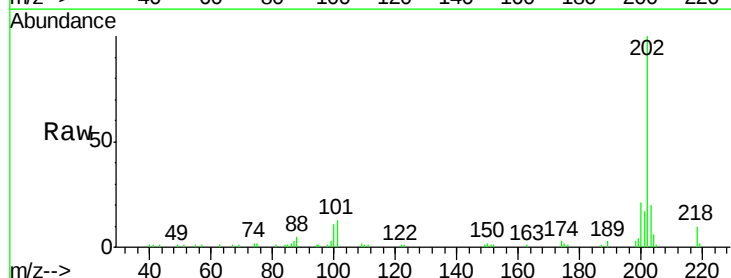
Tgt Ion:202 Resp: 40168

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

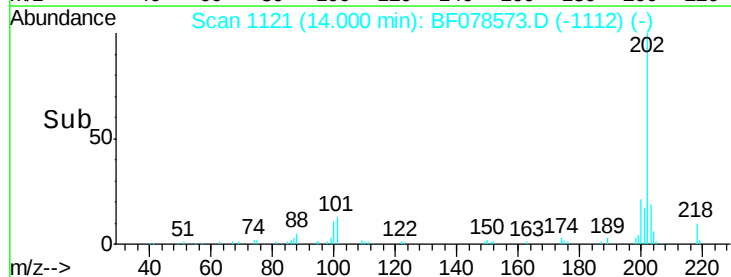
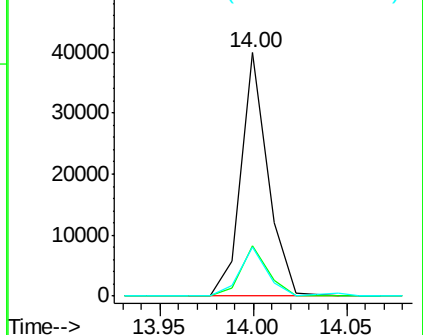
203 20.4 13.8 20.6

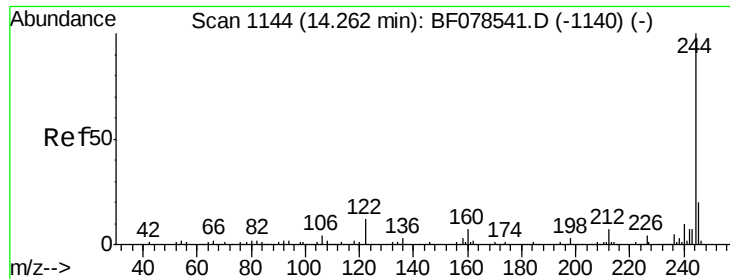


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

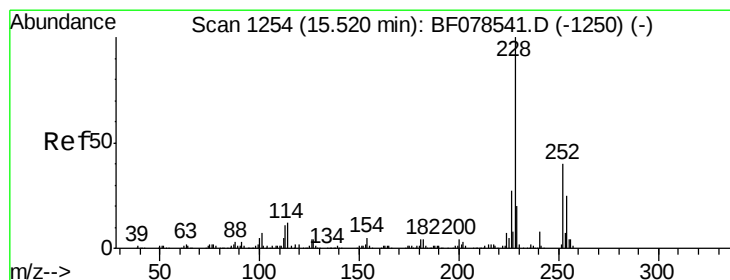
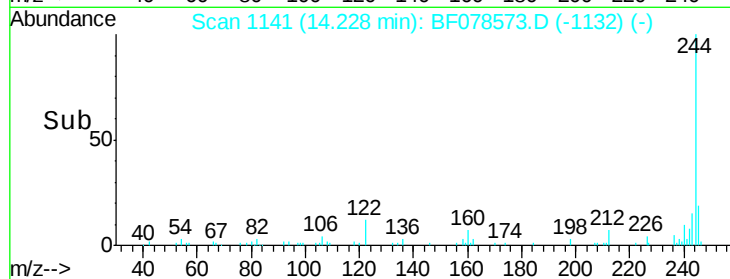
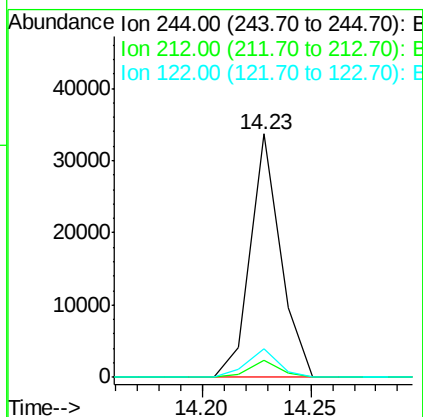
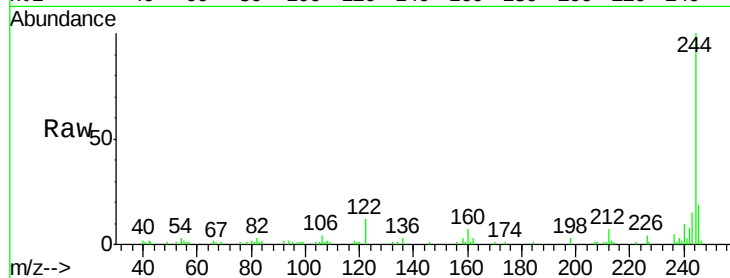




#78
 Terphenyl-d14
 Concen: 4.33 ng
 RT: 14.23 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF078573.D
 Acq: 16 Apr 2015 18:51

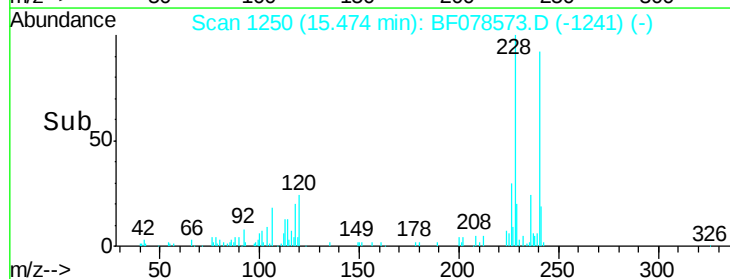
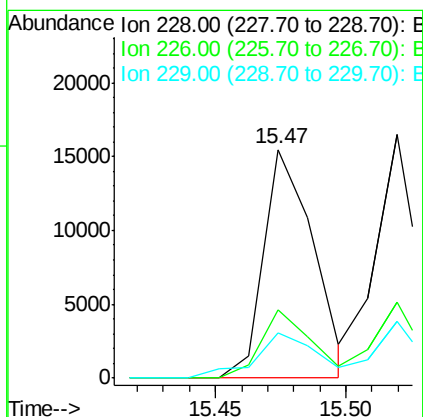
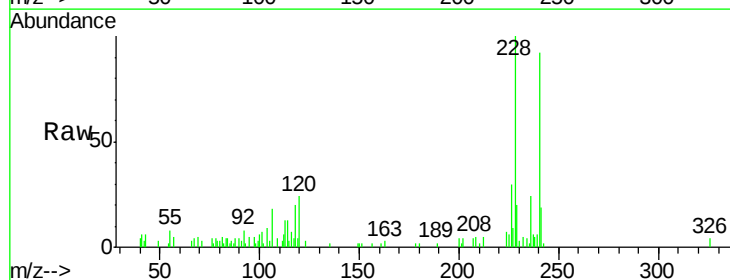
Instrument :
 BNA_F
 ClientSampleId :
 SB-71S

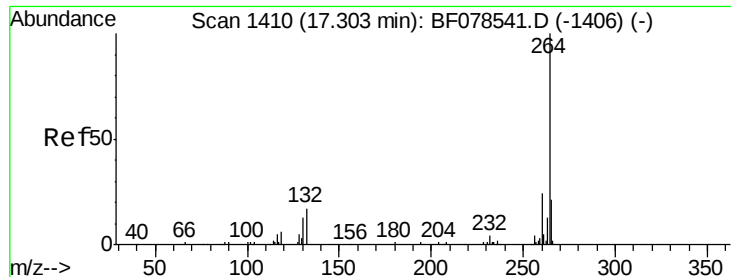
Tgt Ion:244 Resp: 32541
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 11.7 7.1 10.7#



#80
 Benzo(a)anthracene
 Concen: 2.04 ng
 RT: 15.47 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF078573.D
 Acq: 16 Apr 2015 18:51

Tgt Ion:228 Resp: 20644
 Ion Ratio Lower Upper
 228 100
 226 29.8 21.3 31.9
 229 20.0 15.4 23.2

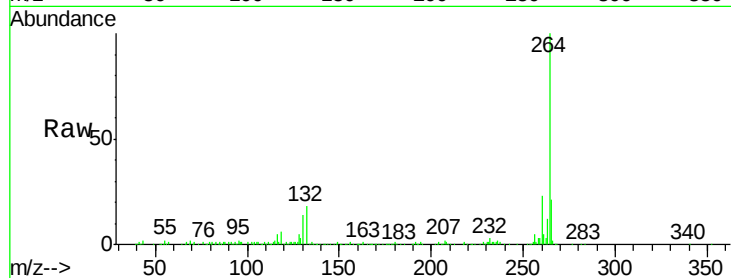




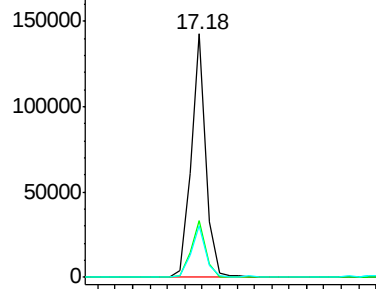
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.18 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF078573.D
Acq: 16 Apr 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-71S

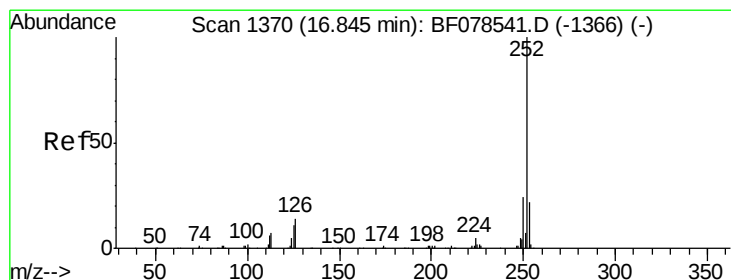
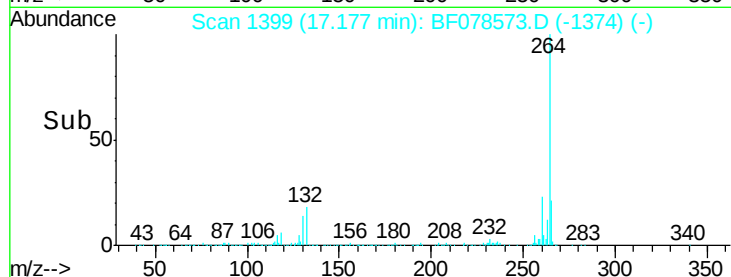
Tgt Ion:264 Resp: 168706
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.4 17.0 25.6



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

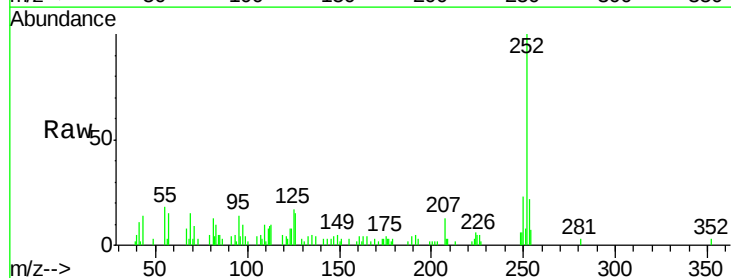


Time-->

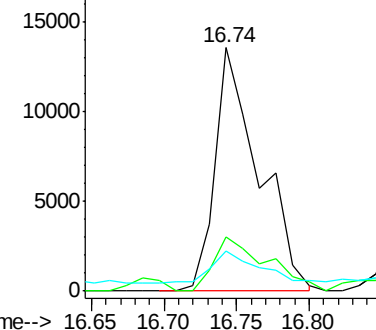


#87
Benzo(b)fluoranthene
Concen: 2.74 ng
RT: 16.74 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF078573.D
Acq: 16 Apr 2015 18:51

Tgt Ion:252 Resp: 28574
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 16.6 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



Time-->

