

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078978.D
 Acq On : 7 May 2015 4:44
 Operator : TP/IZ
 Sample : G2021-14RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-10-15RE

Quant Time: May 07 05:42:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 05:28:56 2015
 Response via : Initial Calibration

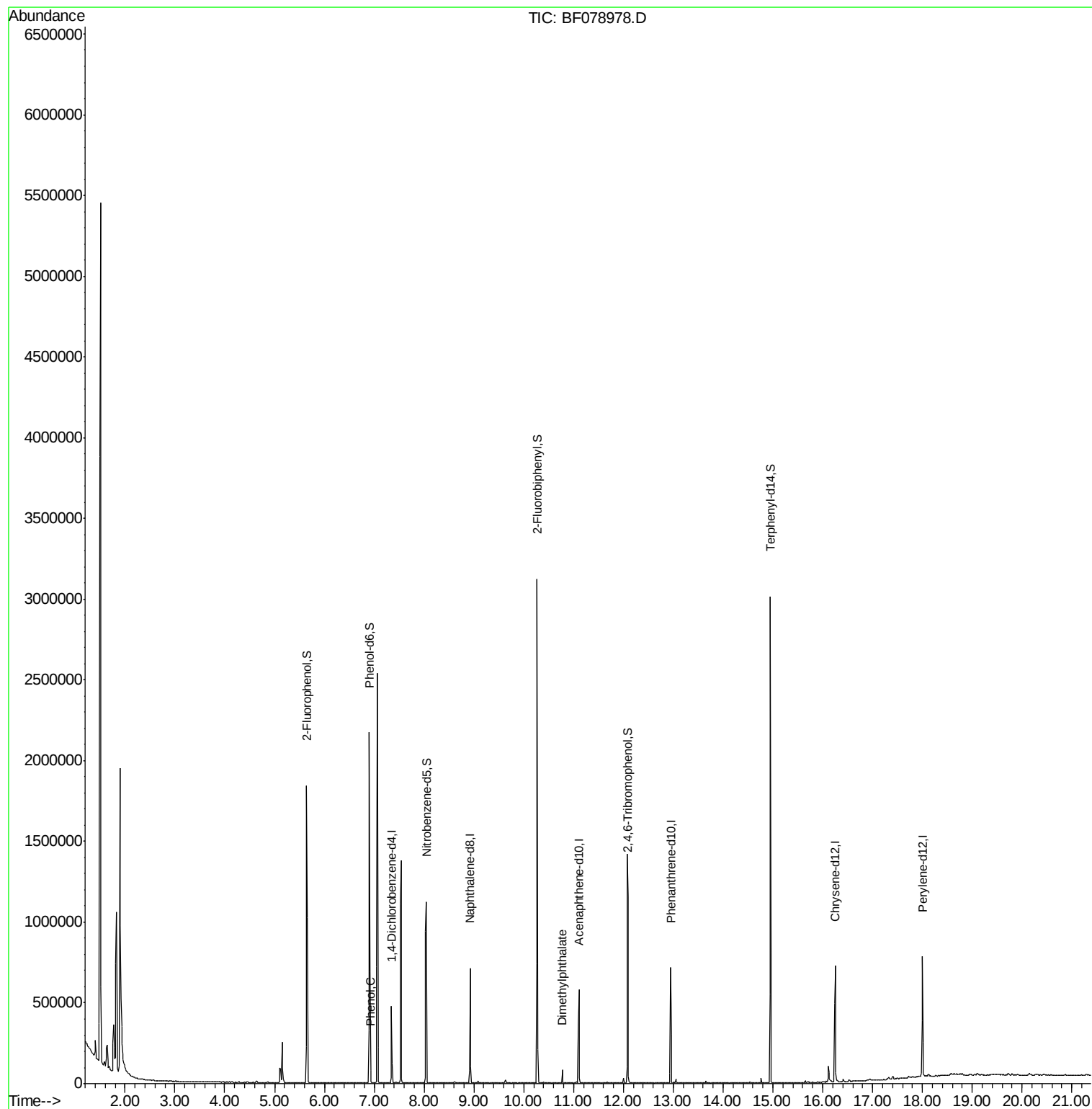
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	71500	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	305652	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	148635	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	294892	20.00	ng	0.00
75) Chrysene-d12	16.25	240	331429	20.00	ng	0.00
86) Perylene-d12	18.00	264	340429	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	632317	152.23	ng	0.00
7) Phenol-d6	6.90	99	800805	145.85	ng	0.00
23) Nitrobenzene-d5	8.04	82	500719	94.15	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	250545	155.82	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	963623	90.32	ng	0.00
78) Terphenyl-d14	14.95	244	1038628	75.03	ng	0.00
Target Compounds						
10) Phenol	6.92	94	29665	4.66	ng	93
49) Dimethylphthalate	10.78	163	32485	2.98	ng	100

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

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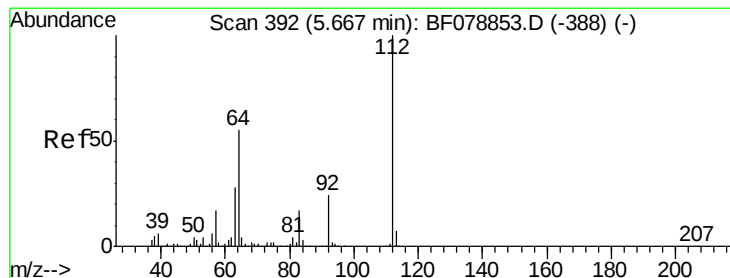
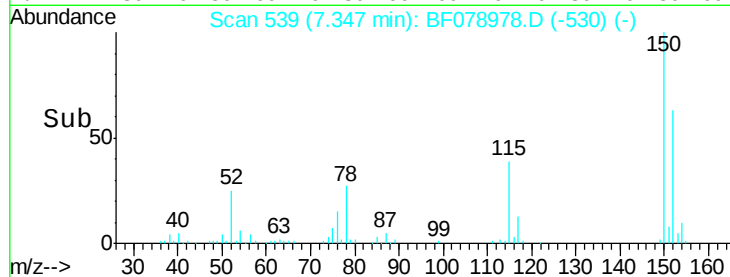
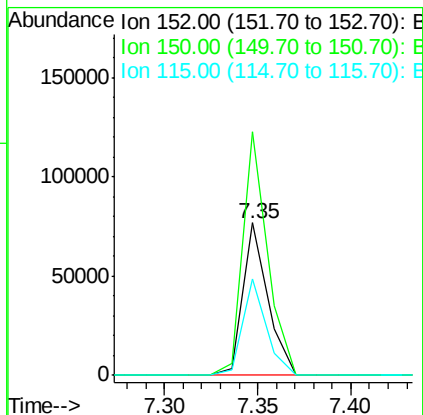
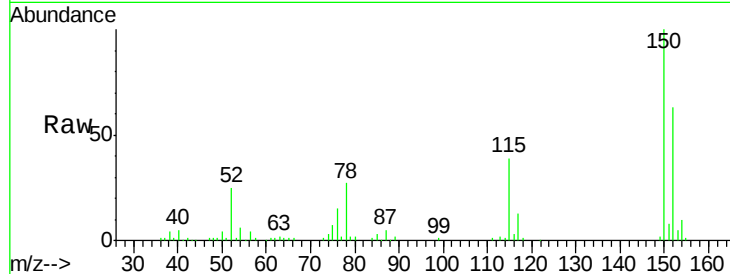


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF078978.D
Acq: 7 May 2015 4:44

Instrument :
BNA_F
ClientSampleId :
PS-25-10-15RE

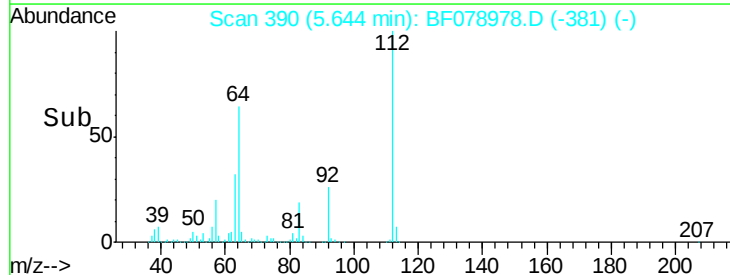
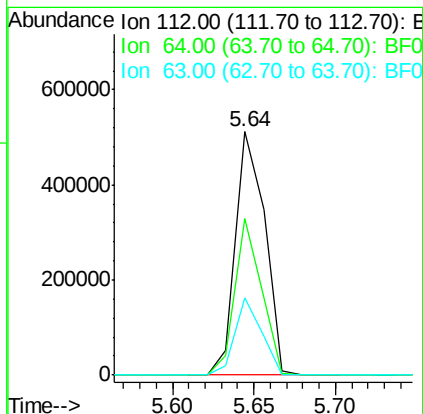
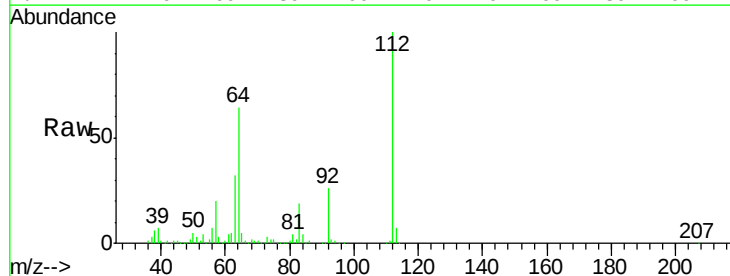
Tot Ion:152 Resp: 71500
Ion Ratio Lower Upper
152 100
150 159.8 122.0 183.0
115 62.9 46.3 69.5

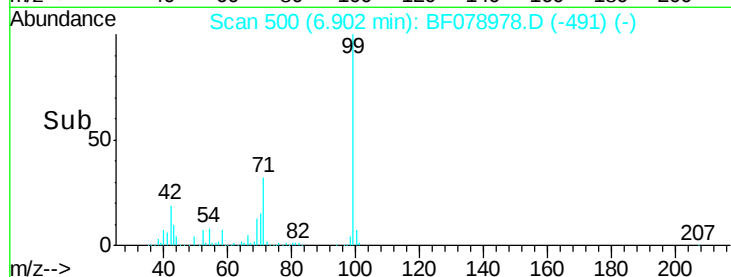
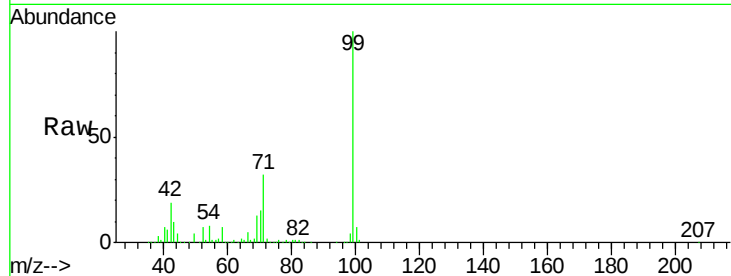
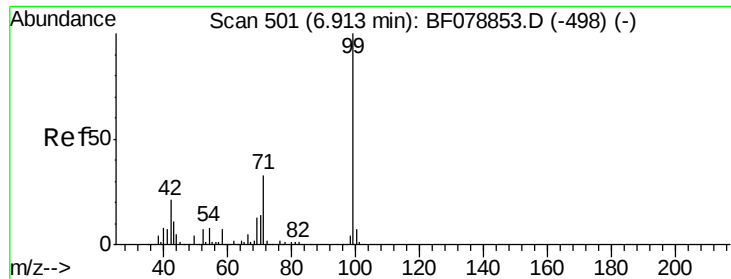


#5

2-Fluorophenol
Concen: 152.23 ng
RT: 5.64 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF078978.D
Acq: 7 May 2015 4:44

Tgt Ion:112 Resp: 632317
Ion Ratio Lower Upper
112 100
64 64.2 53.5 80.3
63 31.8 27.5 41.3





#7

Phenol-d6

Concen: 145.85 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078978.D

Acq: 7 May 2015 4:44

Instrument :

BNA_F

ClientSampleId :

PS-25-10-15RE

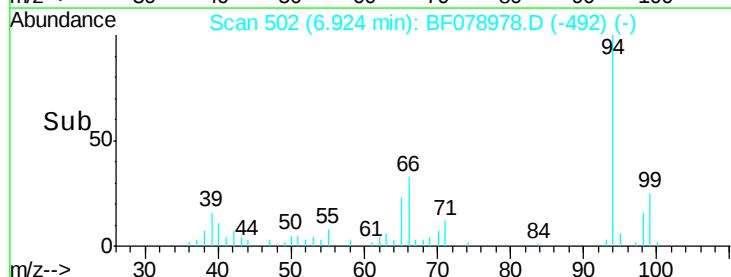
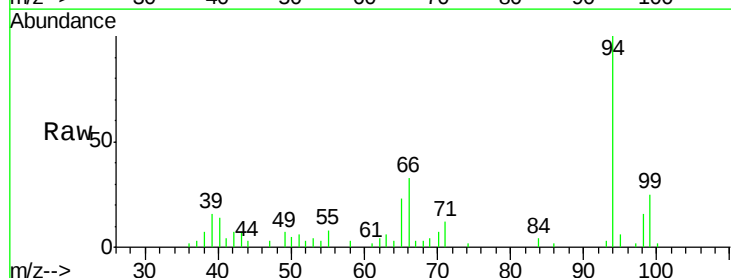
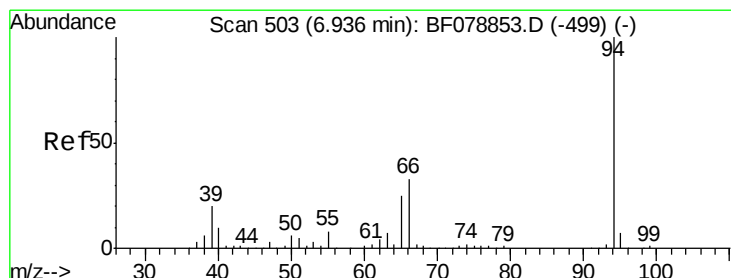
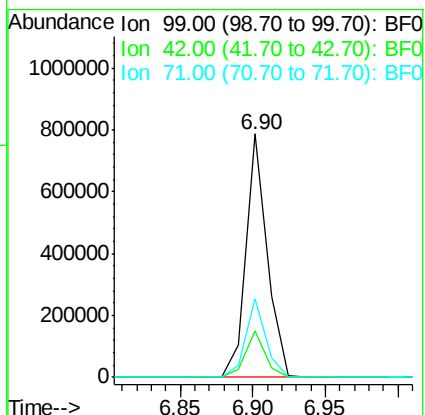
Tot Ion: 99 Resp: 800805

Ion Ratio Lower Upper

99 100

42 19.1 12.8 19.2

71 32.3 23.4 35.2



#10

Phenol

Concen: 4.66 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078978.D

Acq: 7 May 2015 4:44

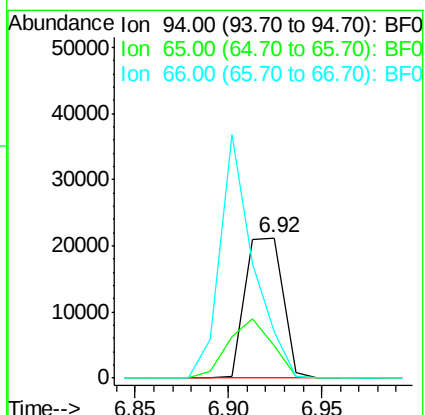
Tgt Ion: 94 Resp: 29665

Ion Ratio Lower Upper

94 100

65 22.9 8.5 48.5

66 33.3 16.0 56.0

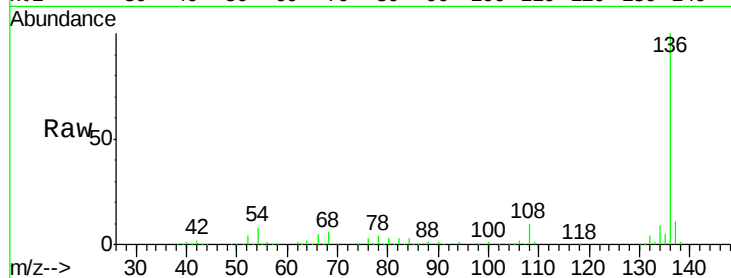




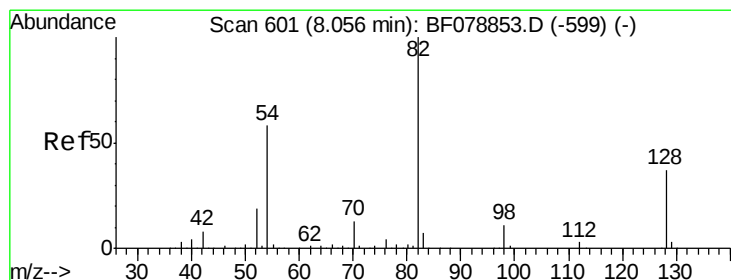
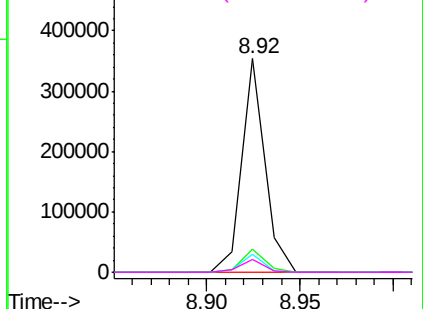
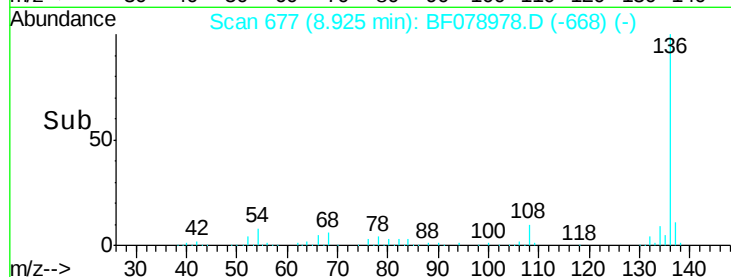
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF078978.D
Acq: 7 May 2015 4:44

Instrument :
BNA_F
ClientSampleId :
PS-25-10-15RE

Tot Ion:136	Resp:	305652
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 8.4	5.8	8.8
68 6.2	4.2	6.4

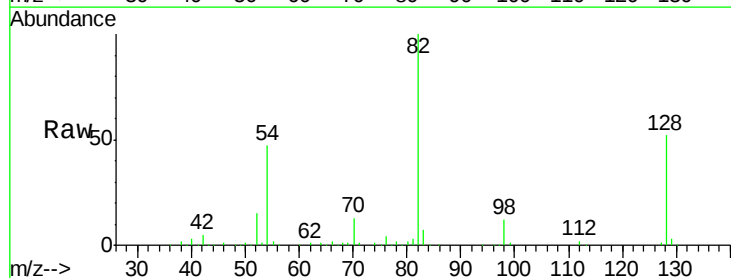


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

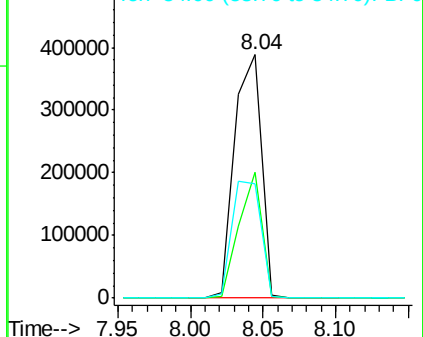
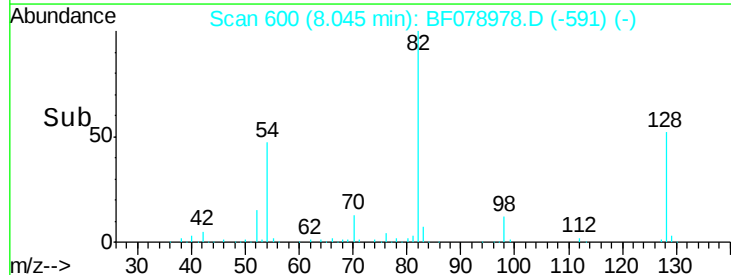


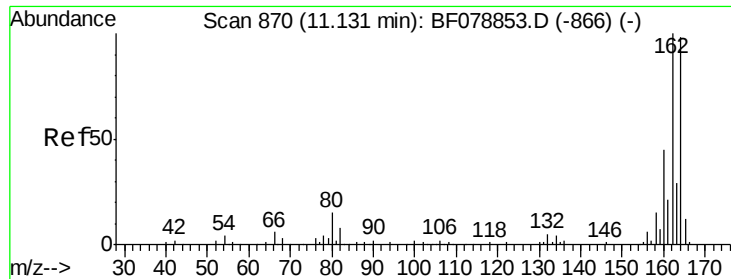
#23
Nitrobenzene-d5
Concen: 94.15 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078978.D
Acq: 7 May 2015 4:44

Tgt Ion: 82	Resp:	500719
Ion Ratio	Lower	Upper
82 100		
128 51.8	30.0	45.0#
54 47.0	46.4	69.6



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

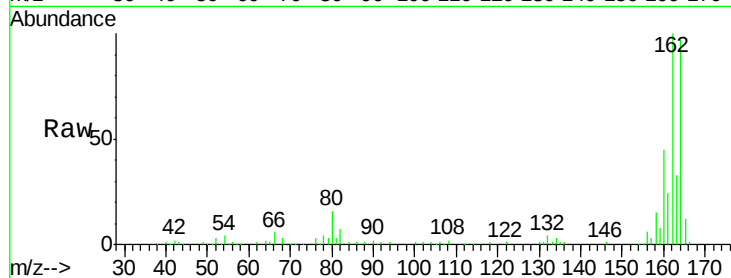




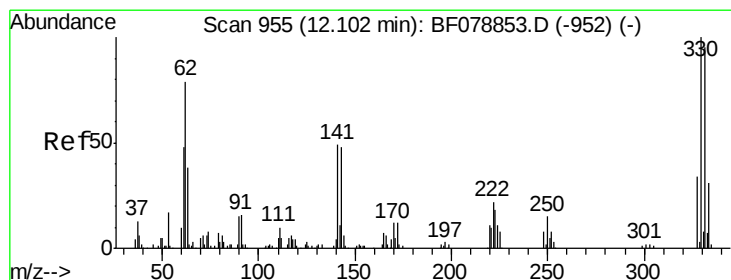
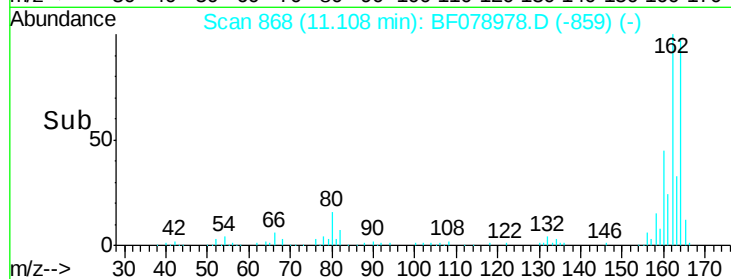
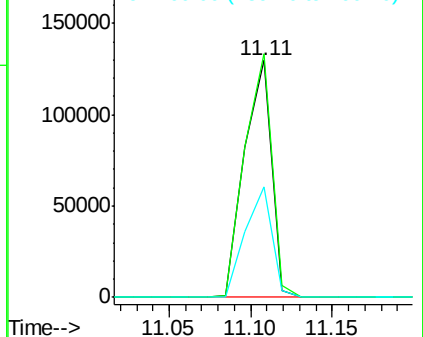
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF078978.D
Acq: 7 May 2015 4:44

Instrument :
BNA_F
ClientSampleId :
PS-25-10-15RE

Tot Ion:164 Resp: 148635
Ion Ratio Lower Upper
164 100
162 102.8 82.7 124.1
160 46.6 35.8 53.8

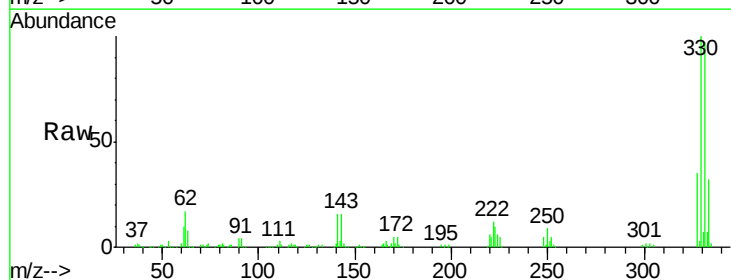


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

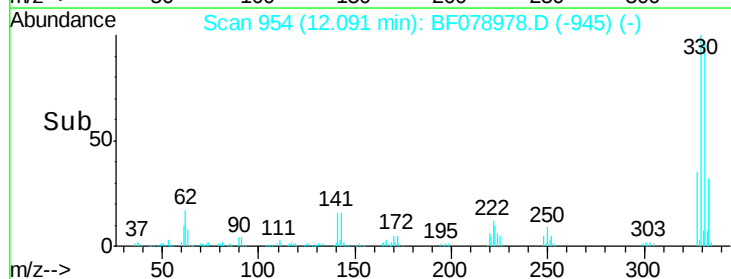
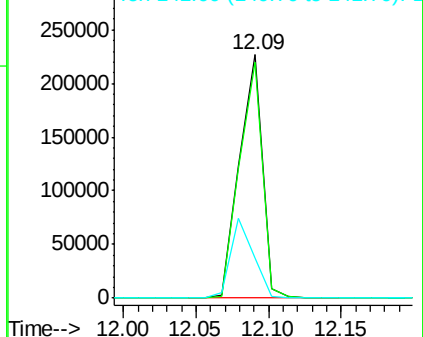


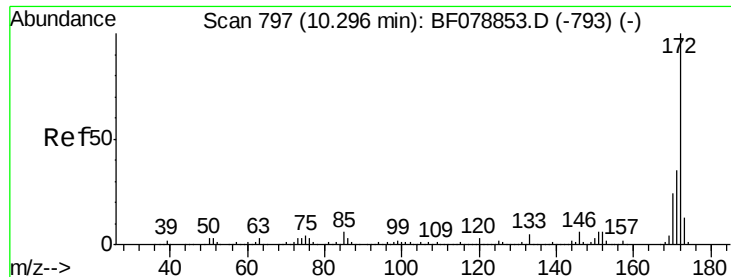
#41
2,4,6-Tribromophenol
Concen: 155.82 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF078978.D
Acq: 7 May 2015 4:44

Tgt Ion:330 Resp: 250545
Ion Ratio Lower Upper
330 100
332 97.4 0.0 0.0#
141 32.6 0.0 0.0#



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

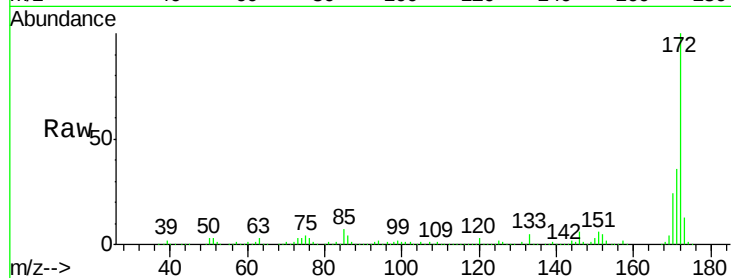




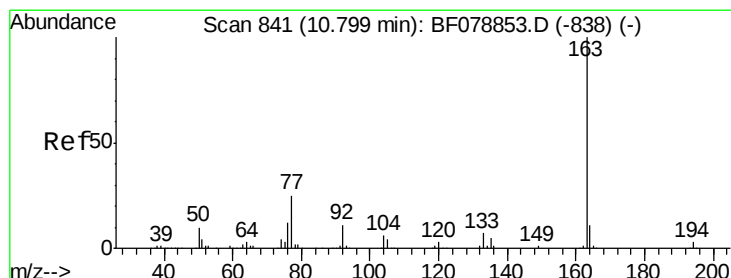
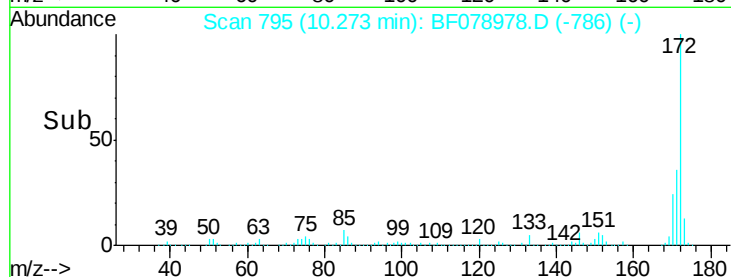
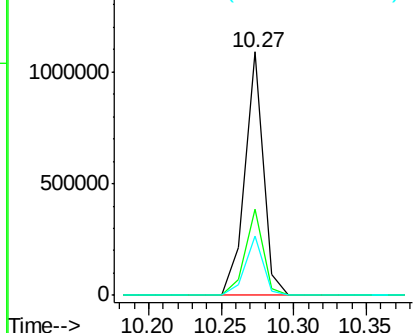
#44
2-Fluorobiphenyl
Concen: 90.32 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF078978.D
Acq: 7 May 2015 4:44

Instrument :
BNA_F
ClientSampleId :
PS-25-10-15RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.3	19.4	29.0

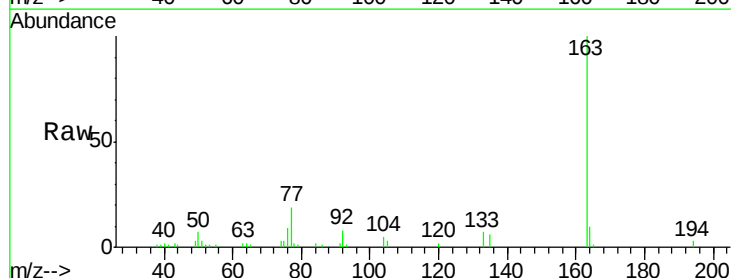


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

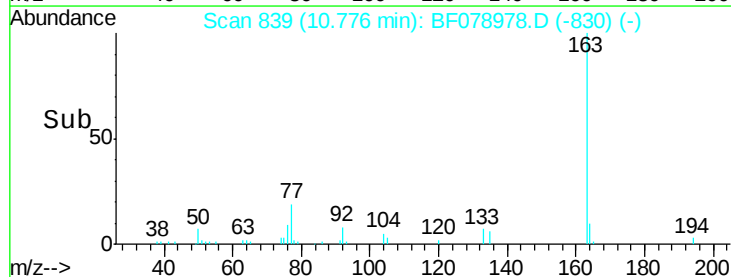
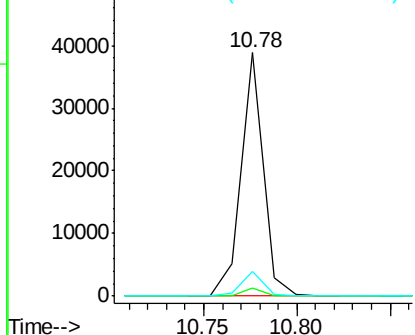


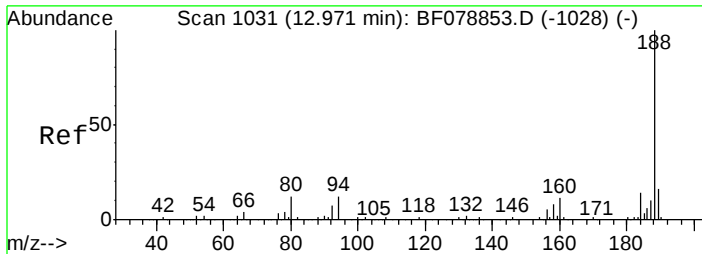
#49
Dimethylphthalate
Concen: 2.98 ng
RT: 10.78 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF078978.D
Acq: 7 May 2015 4:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.1	8.1	12.1



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

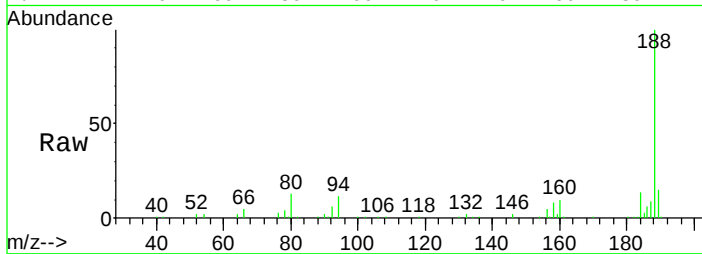




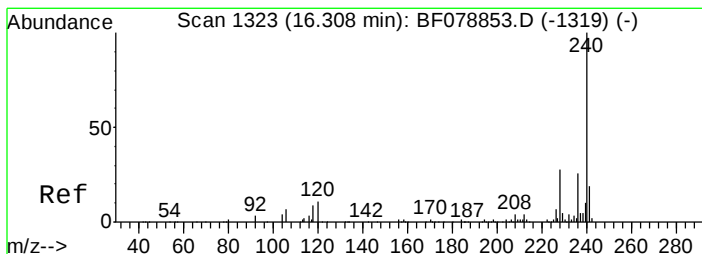
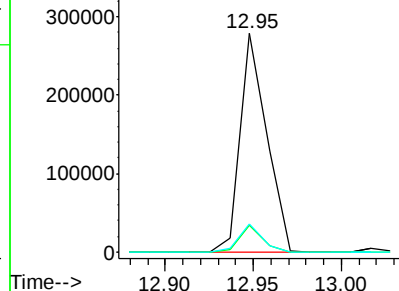
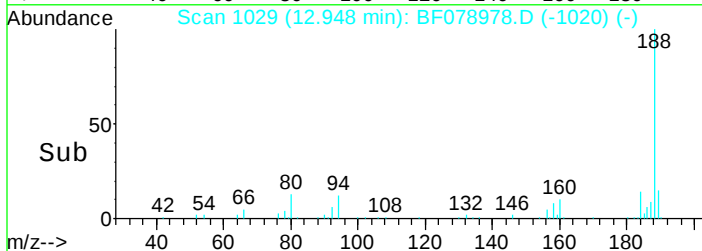
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF078978.D
 Acq: 7 May 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-10-15RE

Tot Ion:188 Resp: 294892
 Ion Ratio Lower Upper
 188 100
 94 12.4 8.2 12.2#
 80 12.9 8.9 13.3

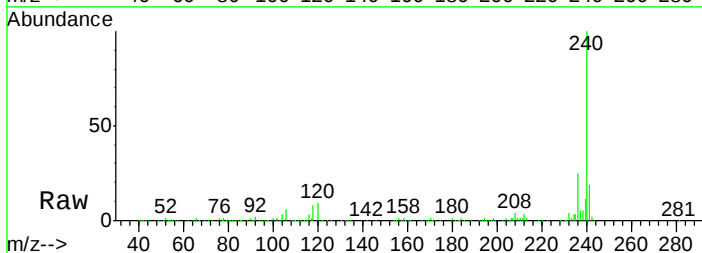


Abundance Ion 188.00 (187.70 to 188.70):
 Ion 94.00 (93.70 to 94.70): BF
 Ion 80.00 (79.70 to 80.70): BF

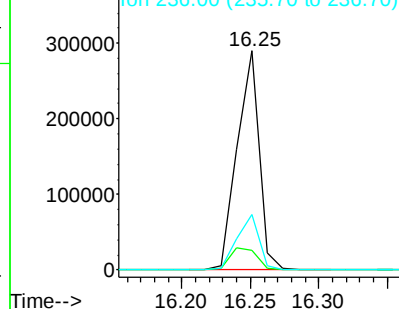
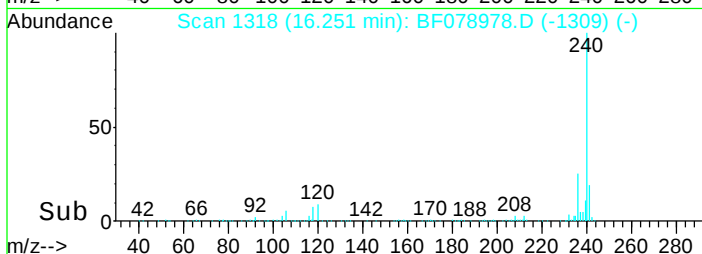


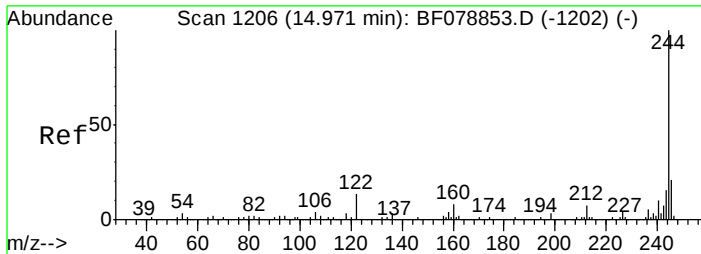
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF078978.D
 Acq: 7 May 2015 4:44

Tgt Ion:240 Resp: 331429
 Ion Ratio Lower Upper
 240 100



Abundance Ion 240.00 (239.70 to 240.70): 5#
 Ion 120.00 (119.70 to 120.70): 4
 Ion 236.00 (235.70 to 236.70): 4

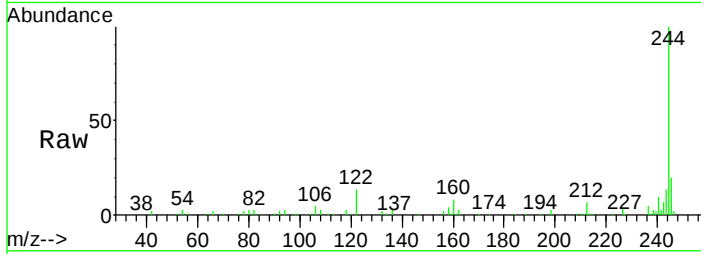




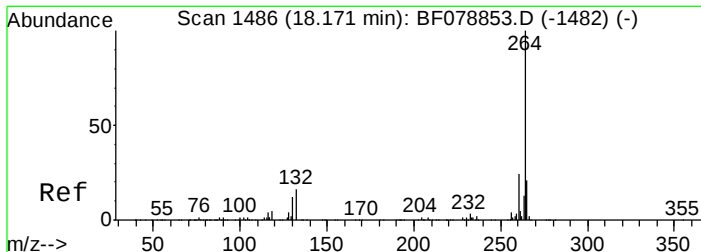
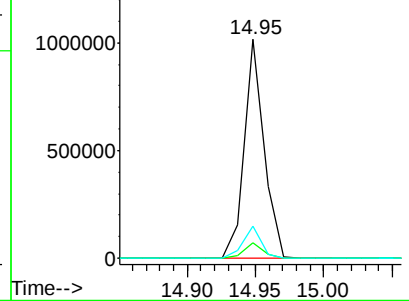
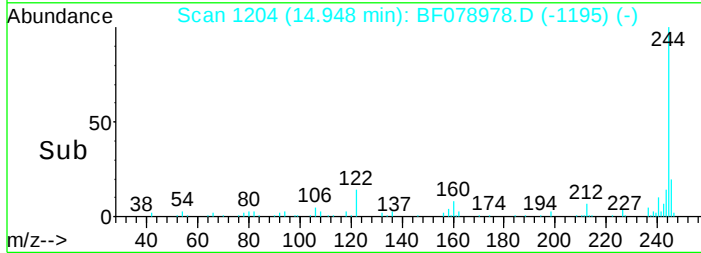
#78
 Terphenyl-d14
 Concen: 75.03 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078978.D
 Acq: 7 May 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-10-15RE

Tgt Ion:244 Resp: 1038628
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 14.3 10.3 15.5

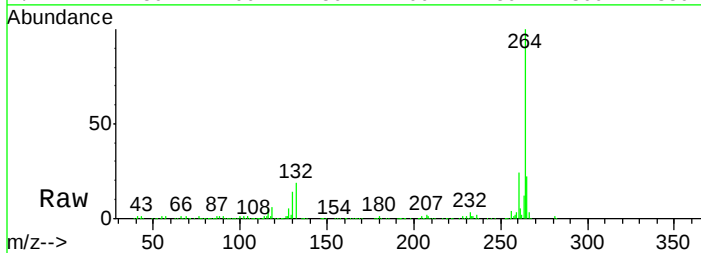


Abundance Ion 244.00 (243.70 to 244.70):
 Ion 212.00 (211.70 to 212.70):
 Ion 122.00 (121.70 to 122.70):



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.00 min Scan# 1471
 Delta R.T. 0.03 min
 Lab File: BF078978.D
 Acq: 7 May 2015 4:44

Tgt Ion:264 Resp: 340429
 Ion Ratio Lower Upper
 264 100



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

