

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078556.D
 Acq On : 16 Apr 2015 1:12
 Operator : TP/IZ
 Sample : G1855-11 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB08A(6-12)

Quant Time: Apr 16 01:45:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 01:25:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	33072	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	138930	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	68414	20.00	ng	0.00
63) Phenanthrene-d10	12.27	188	134271	20.00	ng	0.00
75) Chrysene-d12	15.53	240	141955	20.00	ng	0.00
86) Perylene-d12	17.21	264	135265	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.95	112	15873	7.91	ng	0.01
7) Phenol-d6	6.32	99	20497	8.15	ng	0.01
23) Nitrobenzene-d5	7.42	82	9382	4.09	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	4145	7.31	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	27973	5.84	ng	0.00
78) Terphenyl-d14	14.26	244	31906	5.08	ng	0.00

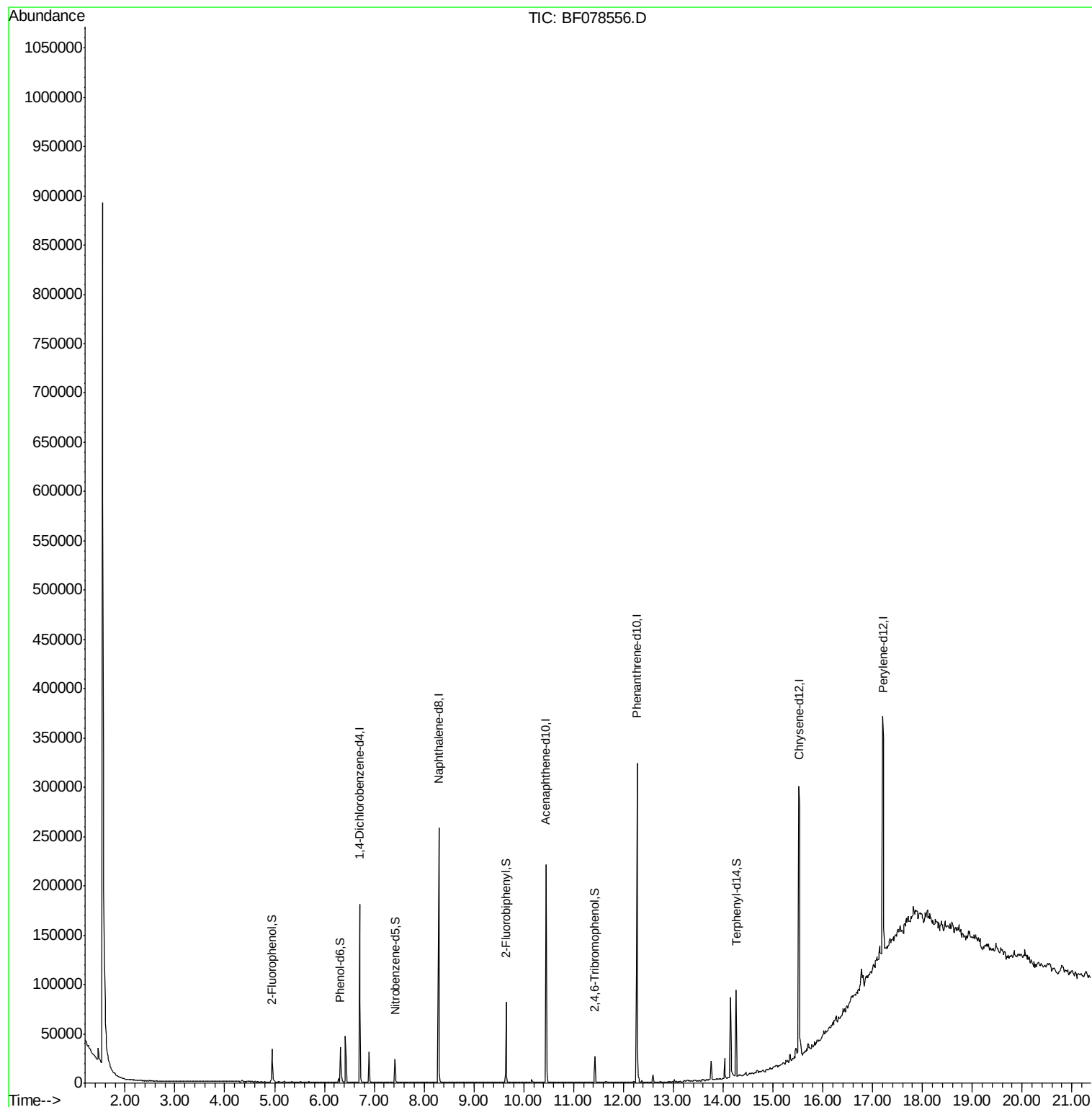
Target Compounds	Qvalue
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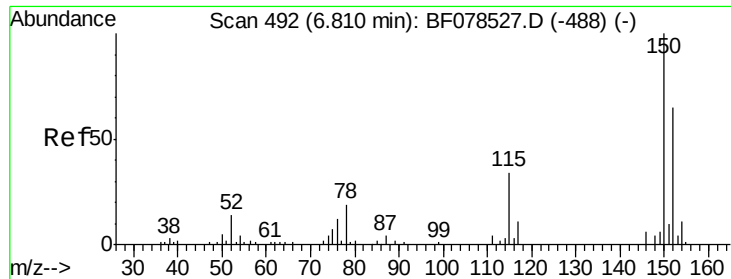
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 16 01:25:24 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF078556.D

Acq: 16 Apr 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LS-SB08A(6-12)

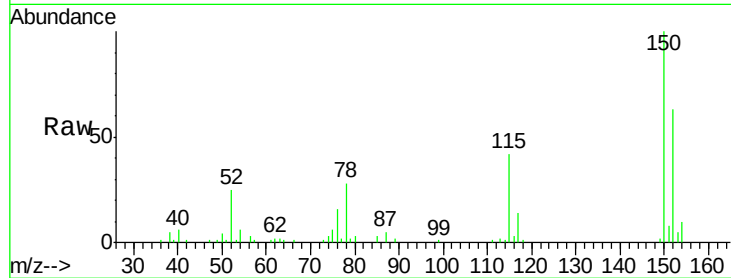
Tgt Ion:152 Resp: 33072

Ion Ratio Lower Upper

152 100

150 158.8 125.9 188.9

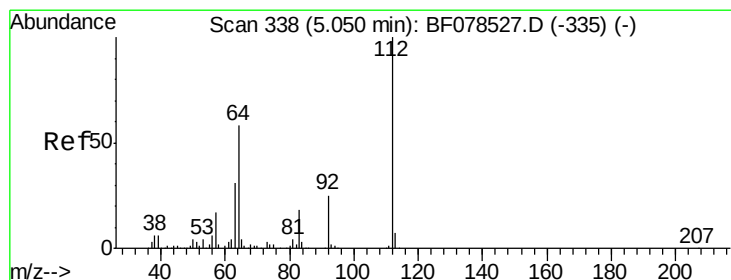
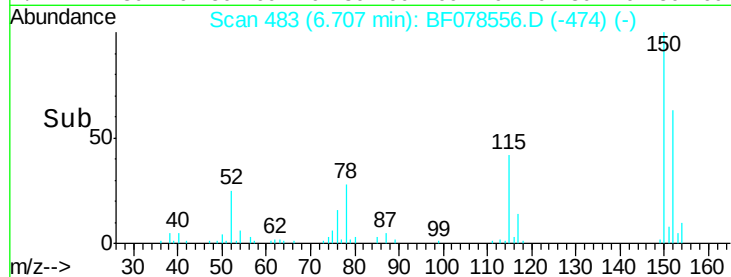
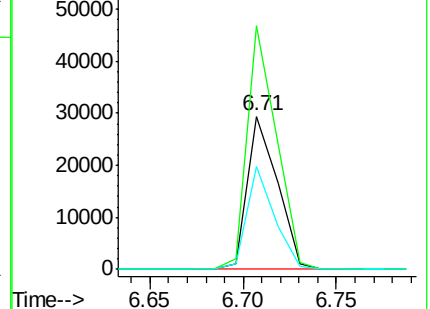
115 66.8 52.7 79.1



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: 7.91 ng

RT: 4.95 min Scan# 329

Delta R.T. 0.01 min

Lab File: BF078556.D

Acq: 16 Apr 2015 1:12

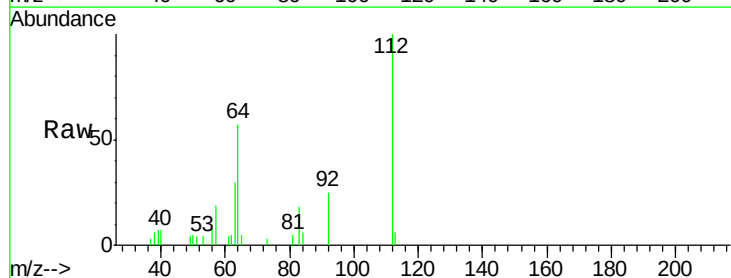
Tgt Ion:112 Resp: 15873

Ion Ratio Lower Upper

112 100

64 56.8 39.9 59.9

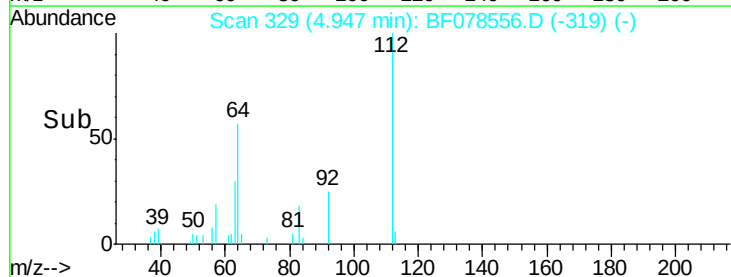
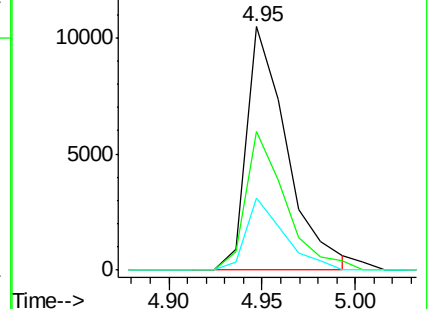
63 29.5 20.2 30.4

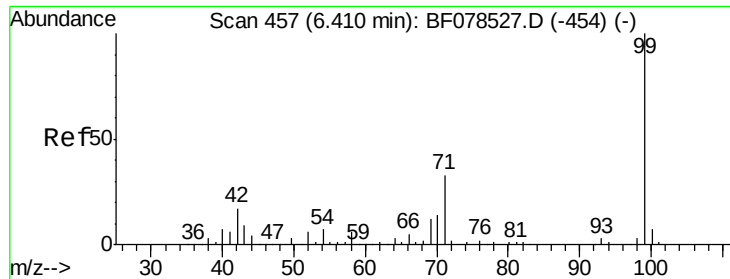


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.15 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078556.D

Acq: 16 Apr 2015 1:12

Instrument :

BNA_F

ClientSampleId :

LS-SB08A(6-12)

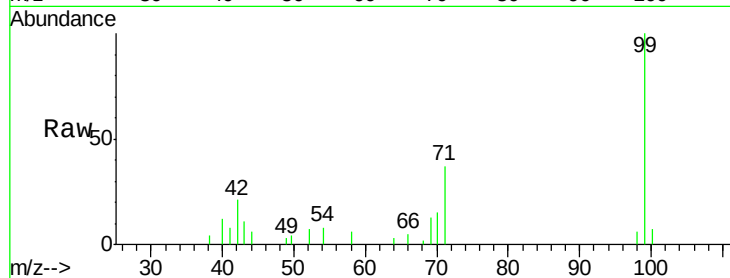
Tgt Ion: 99 Resp: 20497

Ion Ratio Lower Upper

99 100

42 20.7 14.8 22.2

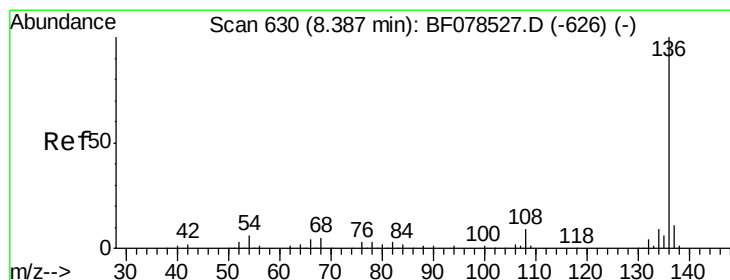
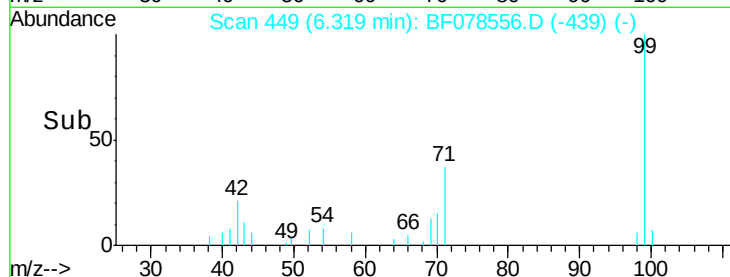
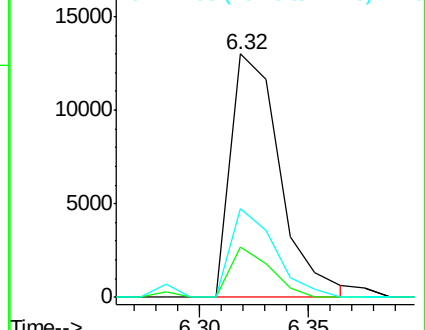
71 36.6 26.6 39.8



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: 8.30 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF078556.D

Acq: 16 Apr 2015 1:12

Tgt Ion: 136 Resp: 138930

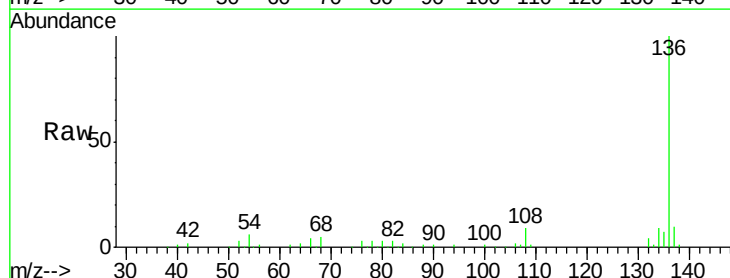
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 6.1 7.0 10.6#

68 4.7 5.4 8.2#

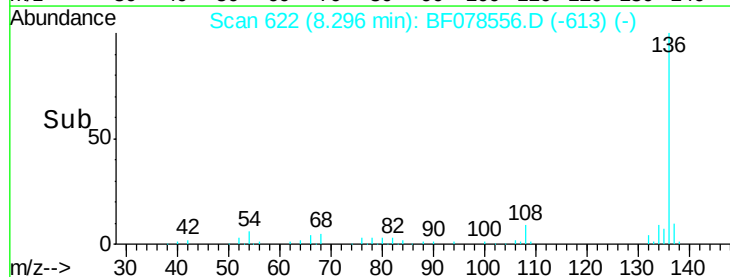
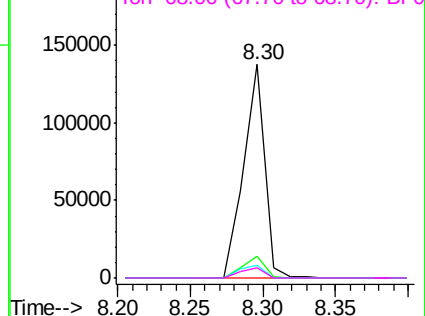


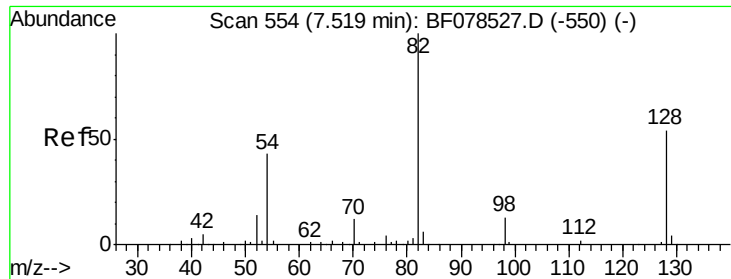
Abundance Ion 136.00 (135.70 to 136.70): E

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

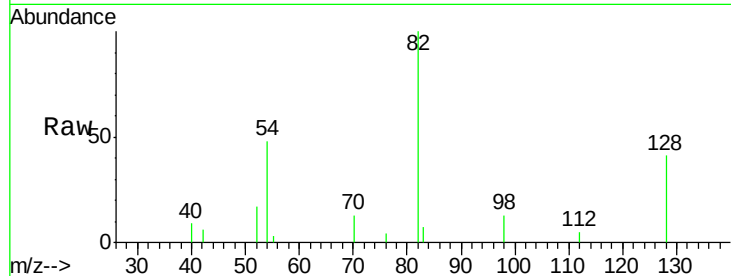




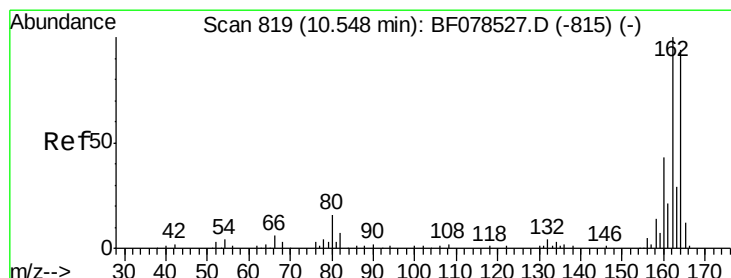
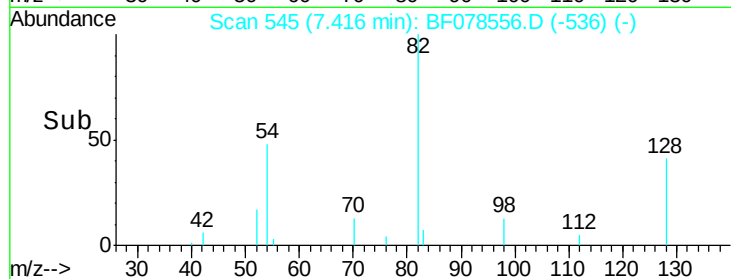
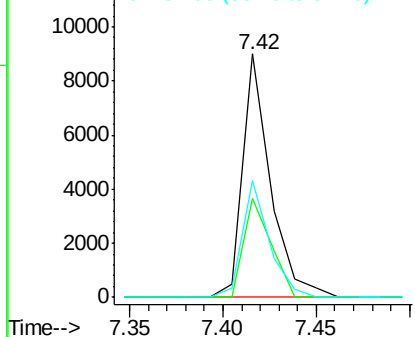
#23
 Nitrobenzene-d5
 Concen: 4.09 ng
 RT: 7.42 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF078556.D
 Acq: 16 Apr 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB08A(6-12)

Tgt Ion: 82 Resp: 9382
 Ion Ratio Lower Upper
 82 100
 128 40.7 31.8 47.8
 54 48.2 41.5 62.3

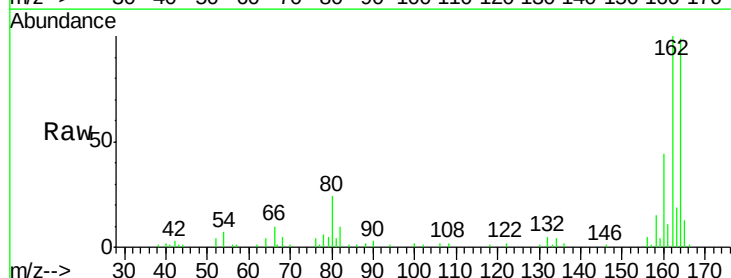


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

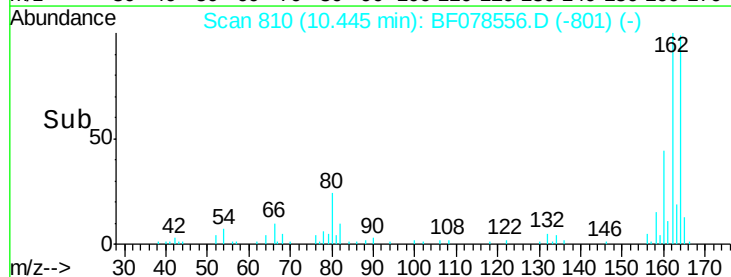
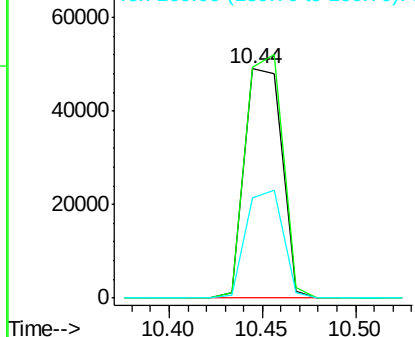


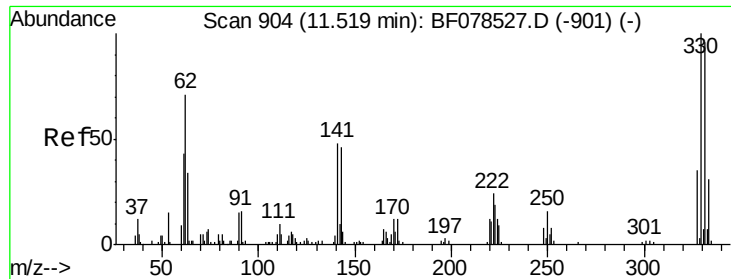
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF078556.D
 Acq: 16 Apr 2015 1:12

Tgt Ion: 164 Resp: 68414
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.2 123.2
 160 44.0 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

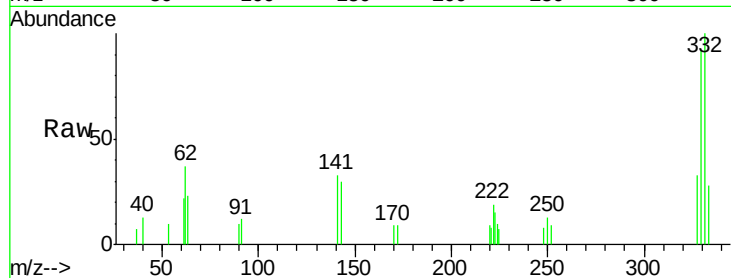




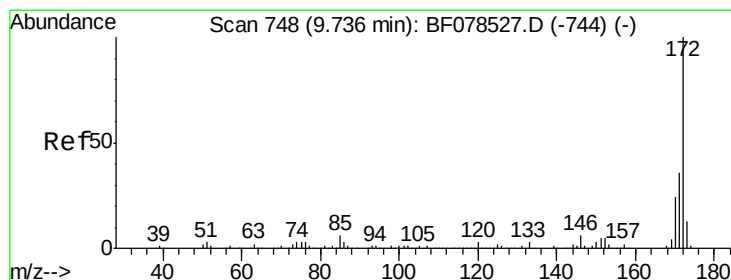
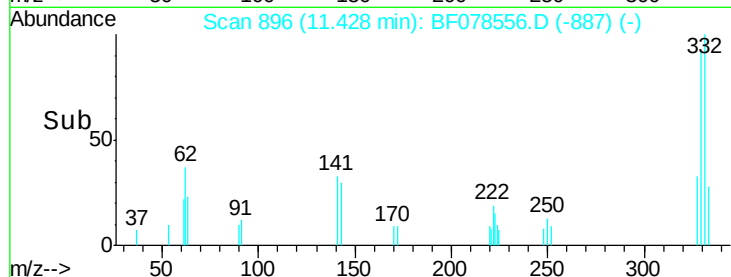
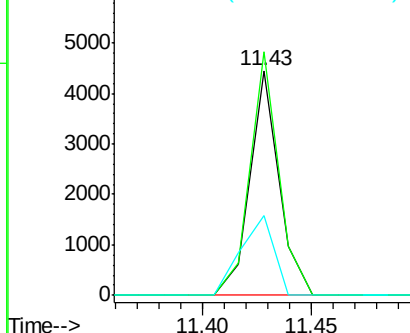
#41
 2,4,6-Tribromophenol
 Concen: 7.31 ng
 RT: 11.43 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF078556.D
 Acq: 16 Apr 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB08A(6-12)

Tgt Ion: 330 Resp: 4145
 Ion Ratio Lower Upper
 330 100
 332 106.5 78.6 117.8
 141 40.2 31.2 46.8

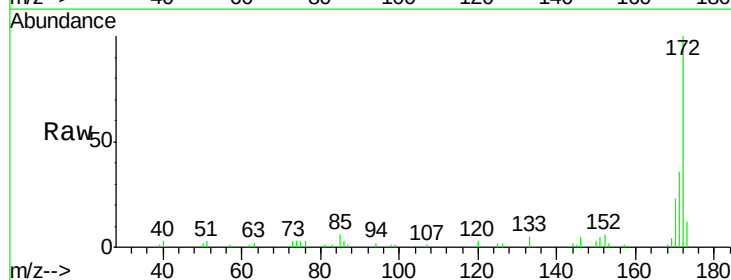


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

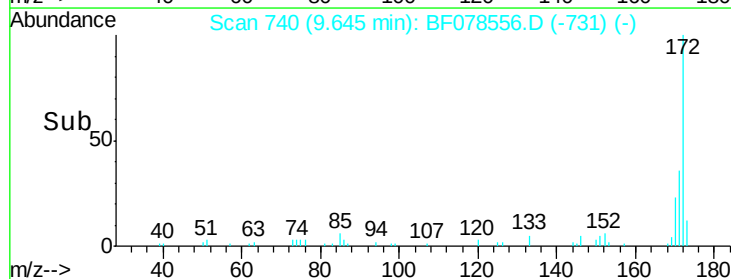
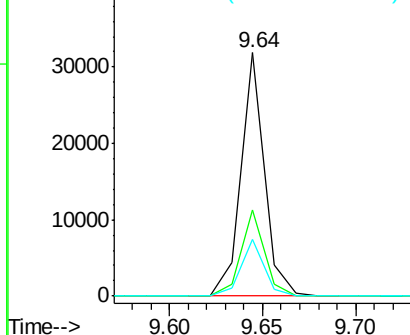


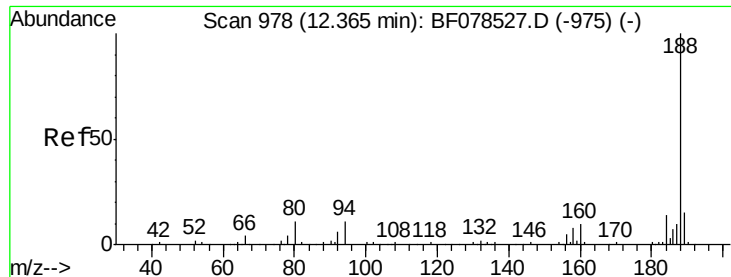
#44
 2-Fluorobiphenyl
 Concen: 5.84 ng
 RT: 9.64 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF078556.D
 Acq: 16 Apr 2015 1:12

Tgt Ion: 172 Resp: 27973
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.1 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

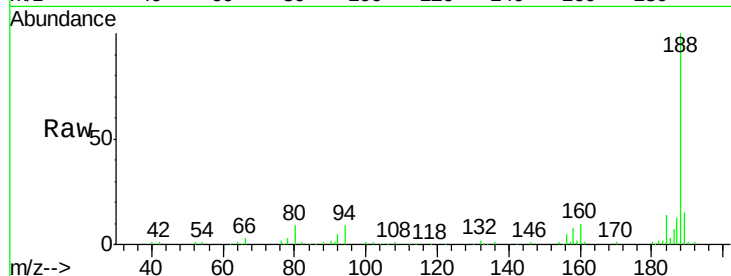




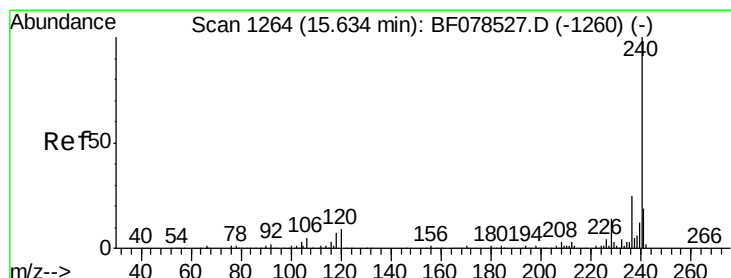
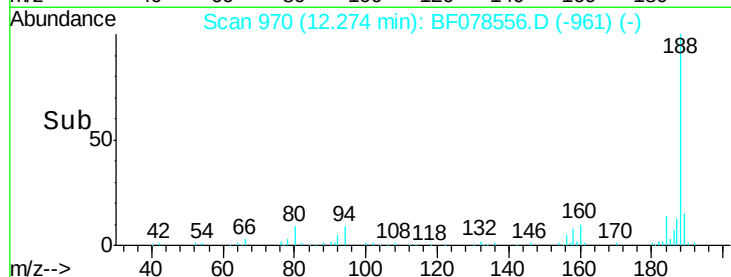
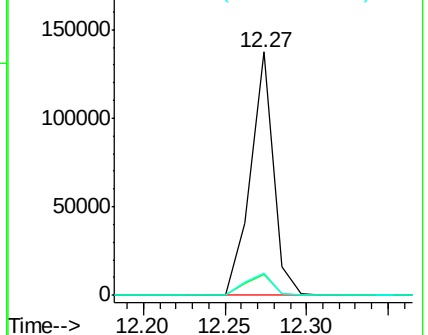
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF078556.D
Acq: 16 Apr 2015 1:12

Instrument :
BNA_F
ClientSampleId :
LS-SB08A(6-12)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.1	9.5	14.3#

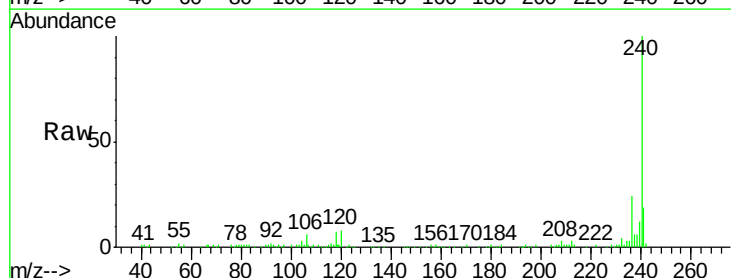


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

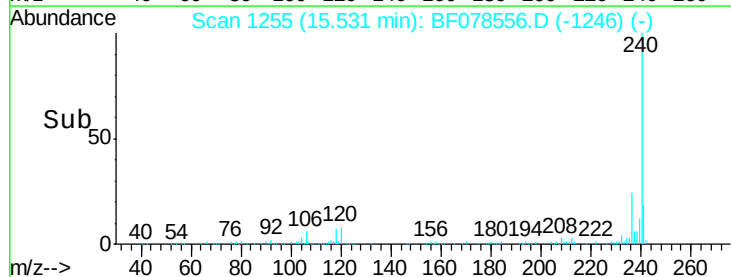
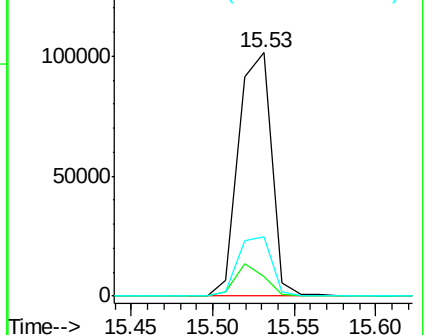


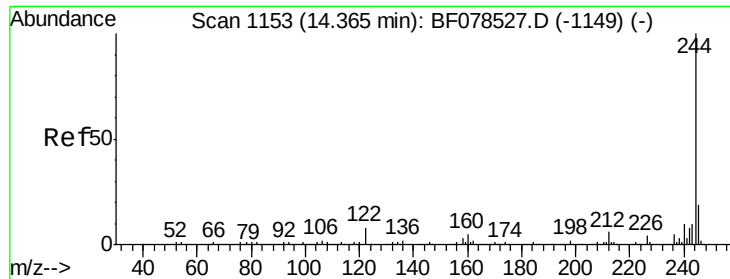
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF078556.D
Acq: 16 Apr 2015 1:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.1	10.7
236	24.4	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

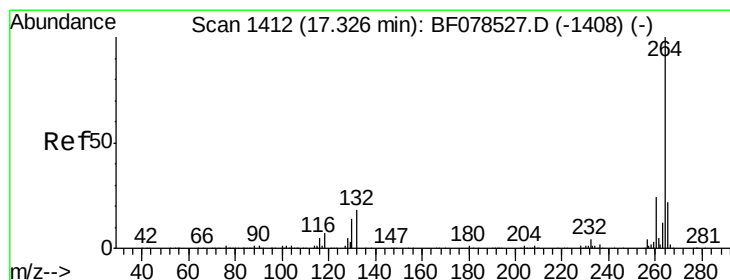
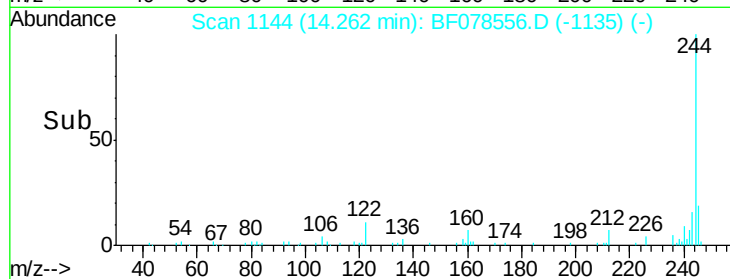
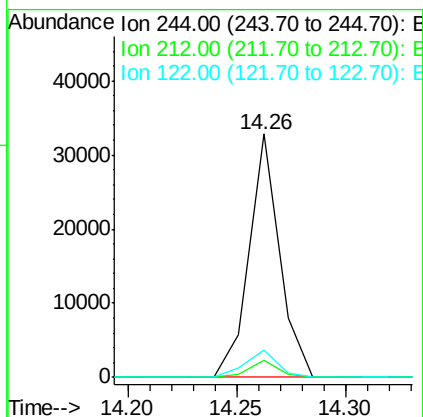
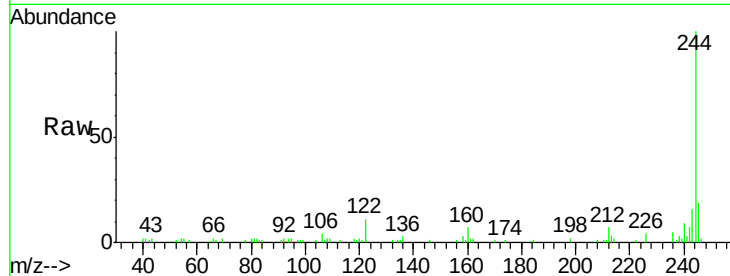




#78
 Terphenyl-d14
 Concen: 5.08 ng
 RT: 14.26 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF078556.D
 Acq: 16 Apr 2015 1:12

Instrument :
 BNA_F
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 LS-SB08A(6-12)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	11.4	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.21 min Scan# 1402
 Delta R.T. -0.09 min
 Lab File: BF078556.D
 Acq: 16 Apr 2015 1:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.6	17.0	25.6

