

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078557.D
 Acq On : 16 Apr 2015 1:40
 Operator : TP/IZ
 Sample : G1854-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11B(9.5-10)

Quant Time: Apr 16 04:42:43 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	33255	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	135510	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	66947	20.00	ng	0.00
63) Phenanthrene-d10	12.27	188	135134	20.00	ng	0.00
75) Chrysene-d12	15.52	240	137958	20.00	ng	-0.01
86) Perylene-d12	17.18	264	138528	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	29507	14.63	ng	0.01
7) Phenol-d6	6.32	99	43503	17.21	ng	0.01
23) Nitrobenzene-d5	7.42	82	22102	9.89	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	7369	13.27	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	50469	10.78	ng	0.00
78) Terphenyl-d14	14.26	244	37367	6.12	ng	0.00

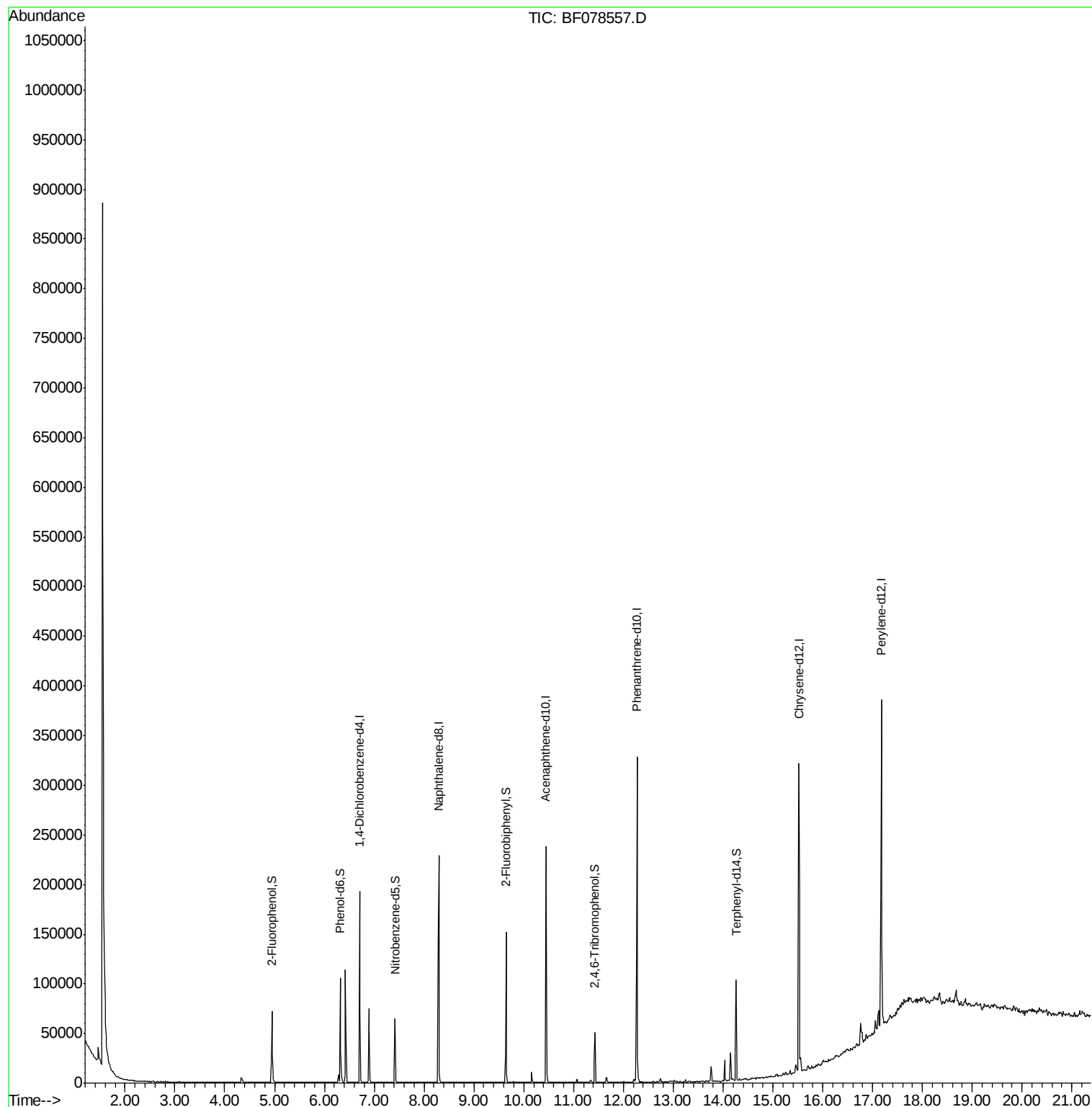
Target Compounds	Qvalue
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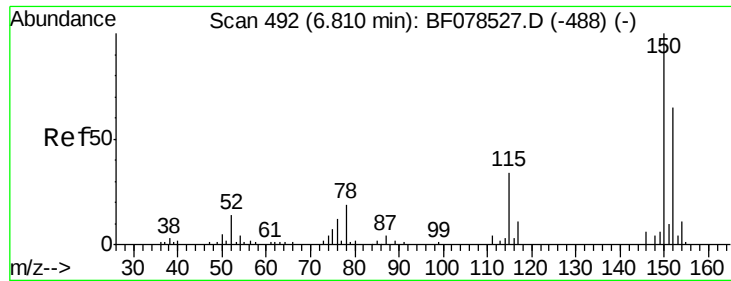
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078557.D

Acq: 16 Apr 2015 1:40

Instrument :

BNA_F

ClientSampleId :

LS-SB11B(9.5-10)

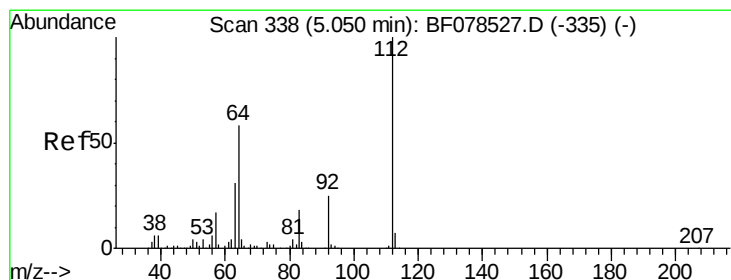
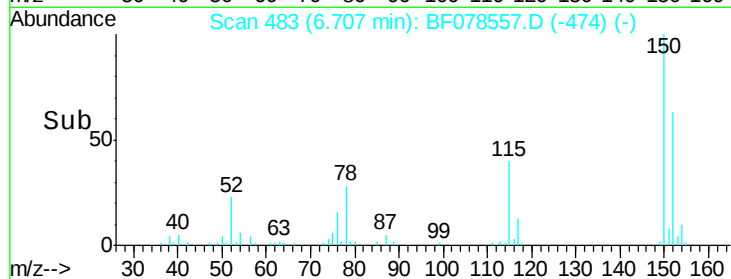
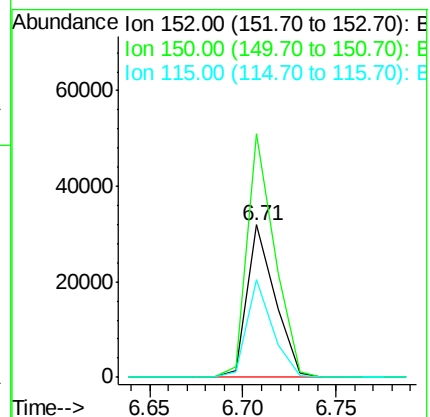
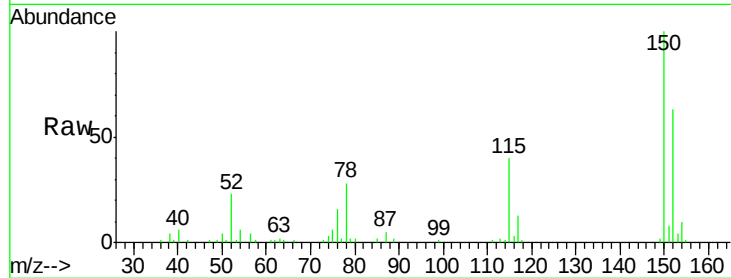
Tgt Ion:152 Resp: 33255

Ion Ratio Lower Upper

152 100

150 159.8 125.9 188.9

115 64.4 52.7 79.1



#5

2-Fluorophenol

Concen: 14.63 ng

RT: 4.95 min Scan# 329

Delta R.T. 0.01 min

Lab File: BF078557.D

Acq: 16 Apr 2015 1:40

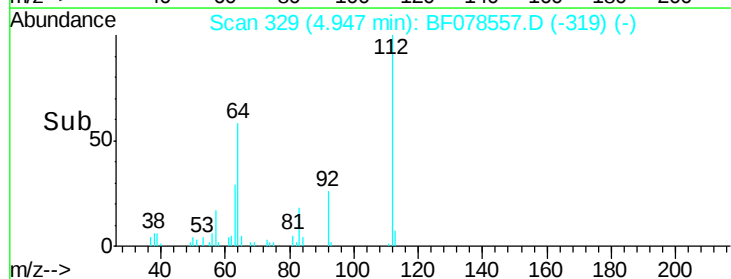
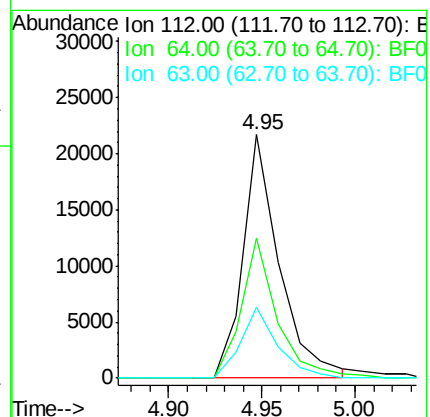
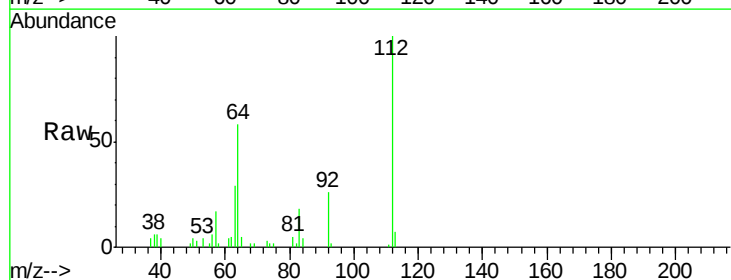
Tgt Ion:112 Resp: 29507

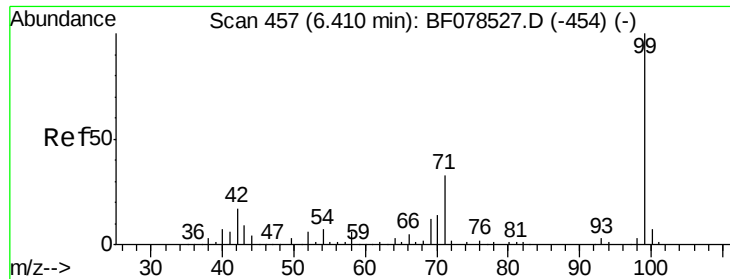
Ion Ratio Lower Upper

112 100

64 57.5 39.9 59.9

63 29.1 20.2 30.4





#7

Phenol-d6

Concen: 17.21 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078557.D

Acq: 16 Apr 2015 1:40

Instrument :

BNA_F

ClientSampleId :

LS-SB11B(9.5-10)

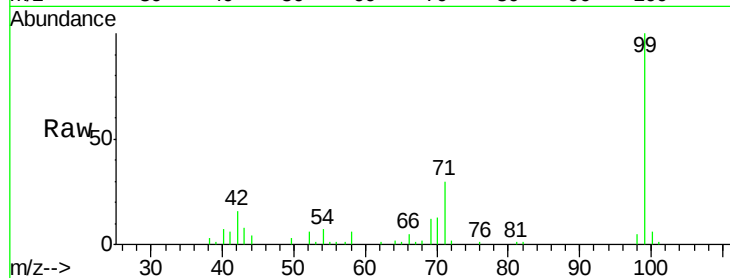
Tgt Ion: 99 Resp: 43503

Ion Ratio Lower Upper

99 100

42 16.5 14.8 22.2

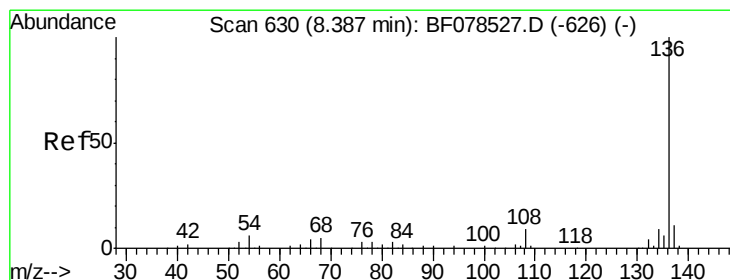
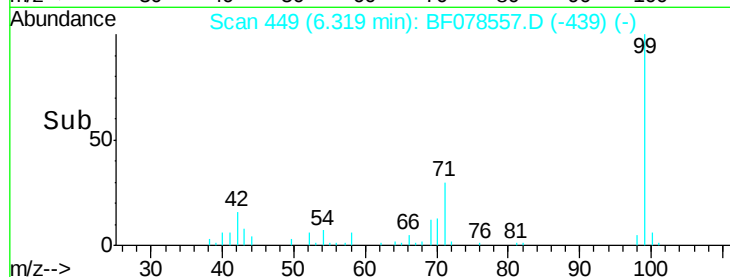
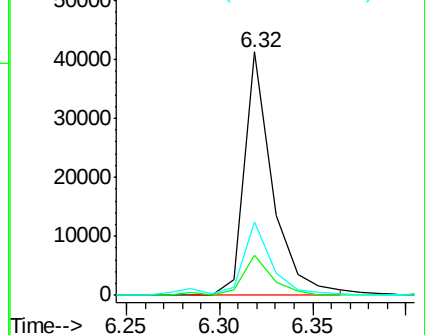
71 30.3 26.6 39.8



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: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF078557.D

Acq: 16 Apr 2015 1:40

Tgt Ion: 136 Resp: 135510

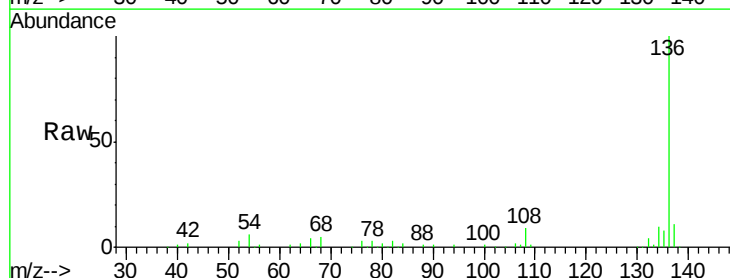
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.9 7.0 10.6#

68 4.9 5.4 8.2#

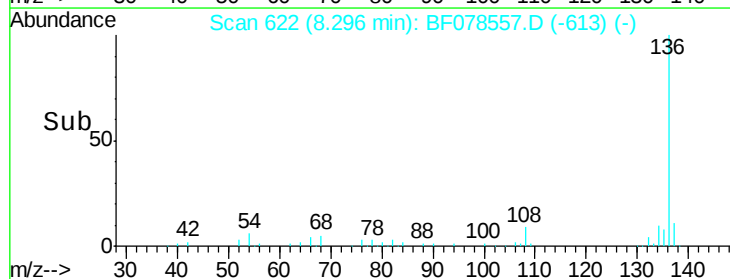
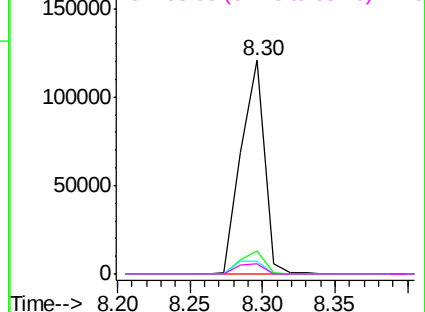


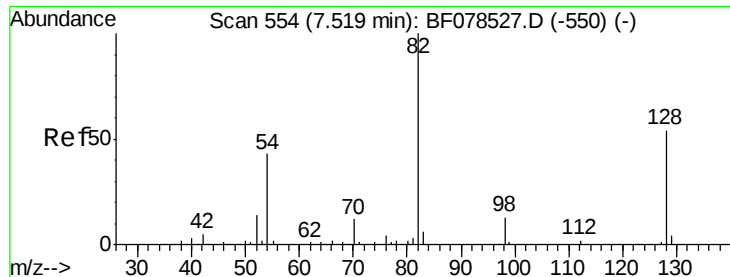
Abundance Ion 136.00 (135.70 to 136.70): E

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

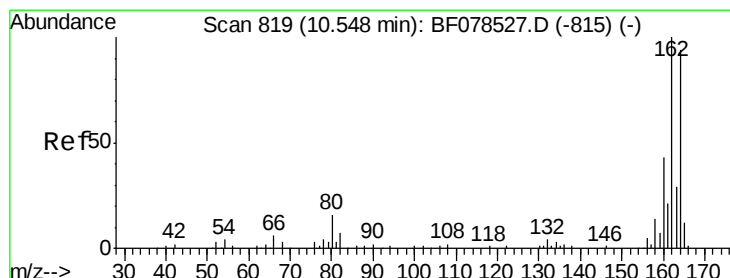
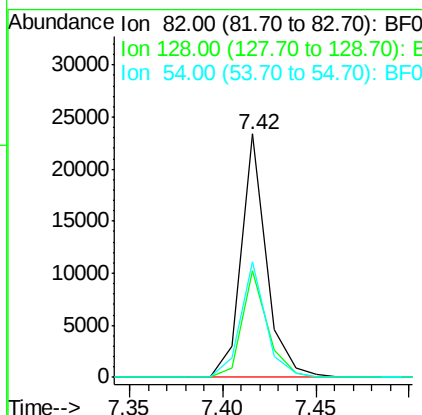
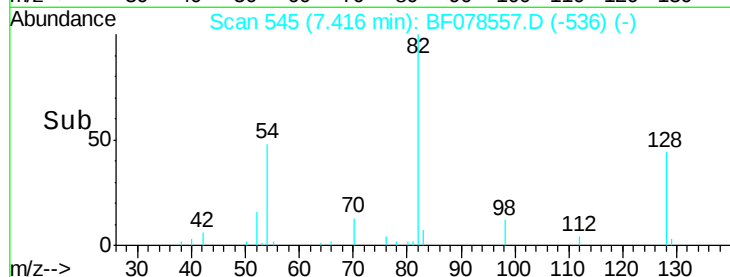
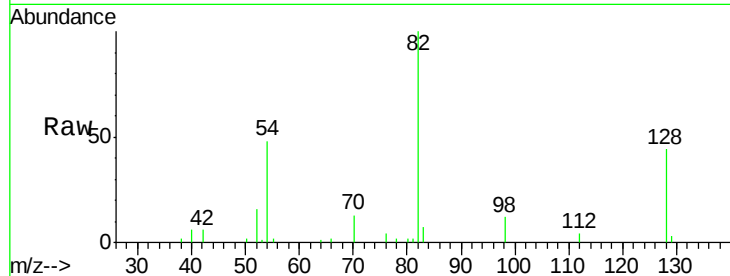




#23
 Nitrobenzene-d5
 Concen: 9.89 ng
 RT: 7.42 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF078557.D
 Acq: 16 Apr 2015 1:40

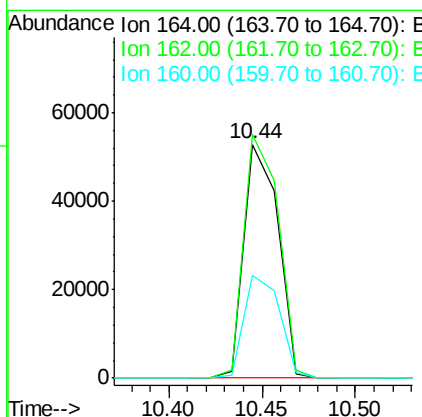
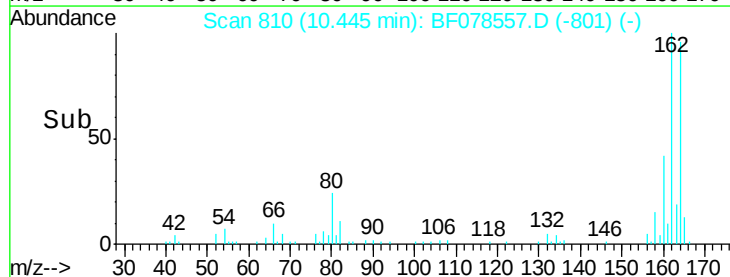
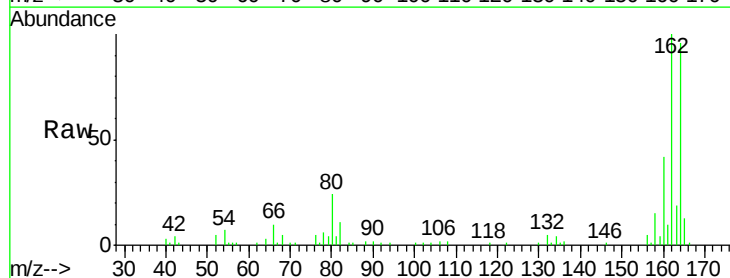
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11B(9.5-10)

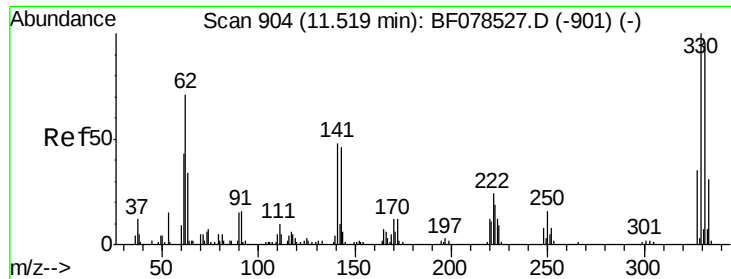
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	31.8	47.8
54	47.6	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF078557.D
 Acq: 16 Apr 2015 1:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.2
160	44.2	34.7	52.1

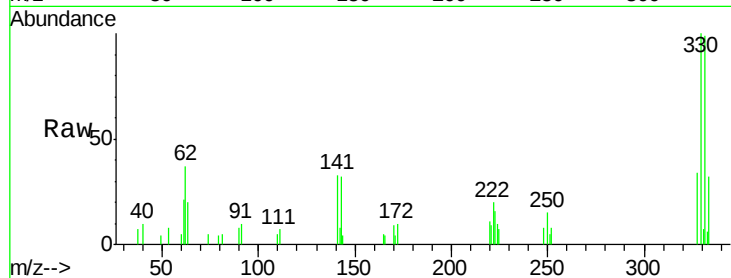




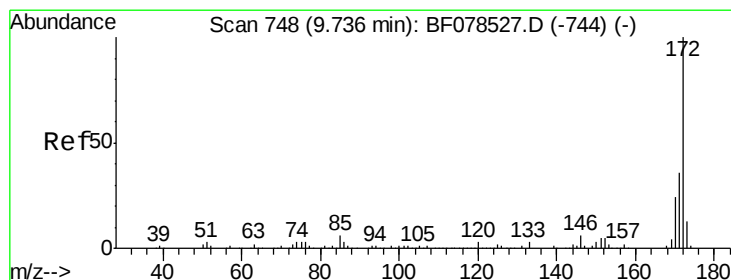
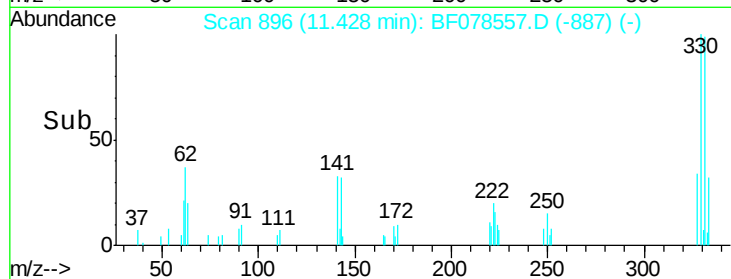
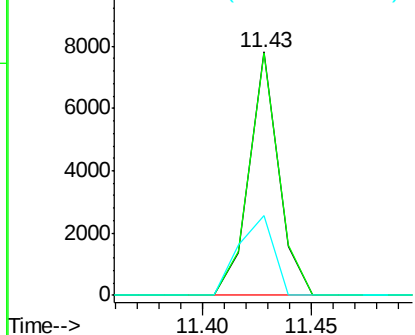
#41
 2,4,6-Tribromophenol
 Concen: 13.27 ng
 RT: 11.43 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF078557.D
 Acq: 16 Apr 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11B(9.5-10)

Tgt Ion: 330 Resp: 7369
 Ion Ratio Lower Upper
 330 100
 332 100.4 78.6 117.8
 141 39.2 31.2 46.8

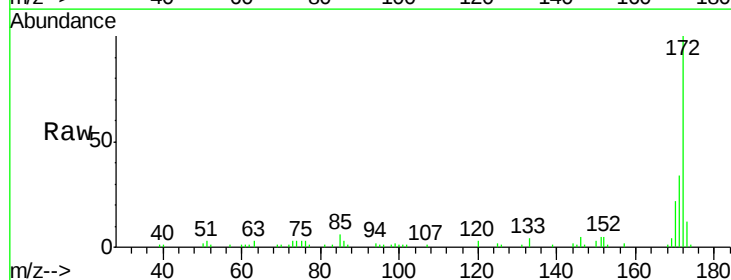


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

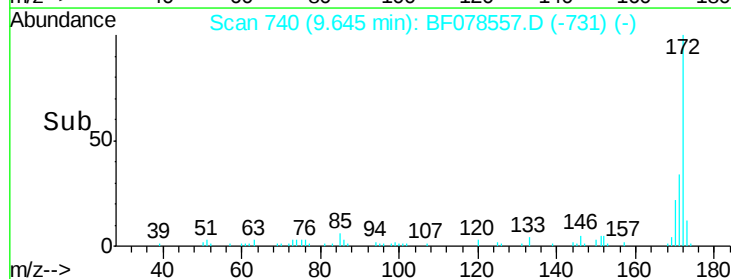
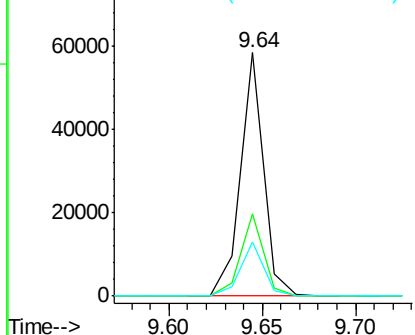


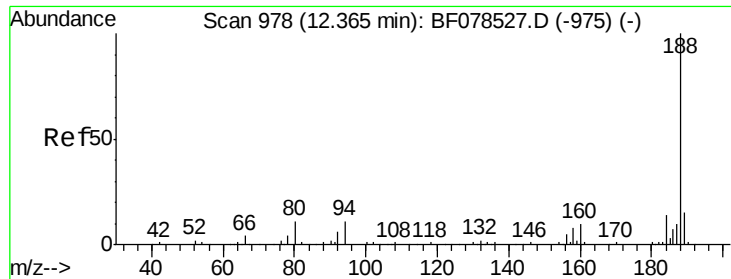
#44
 2-Fluorobiphenyl
 Concen: 10.78 ng
 RT: 9.64 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF078557.D
 Acq: 16 Apr 2015 1:40

Tgt Ion: 172 Resp: 50469
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.6 42.8
 170 22.4 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

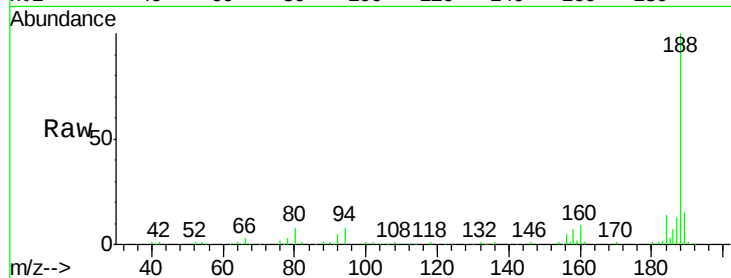




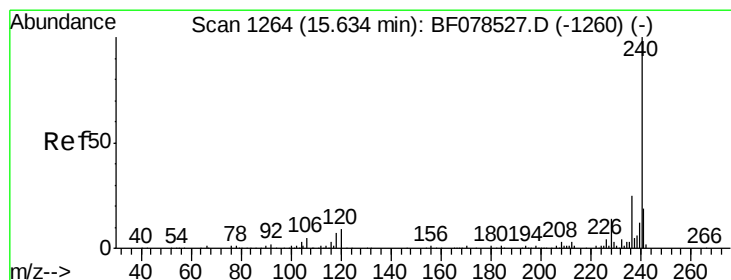
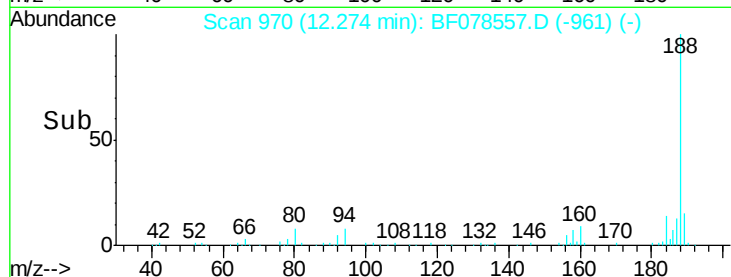
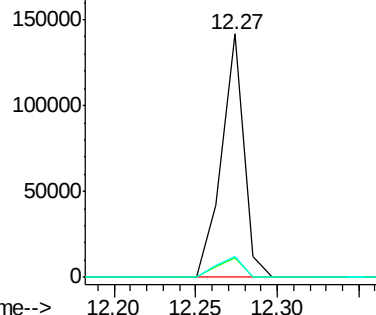
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF078557.D
Acq: 16 Apr 2015 1:40

Instrument :
BNA_F
ClientSampleId :
LS-SB11B(9.5-10)

Tgt Ion:188 Resp: 135134
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.4#
80 8.4 9.5 14.3#

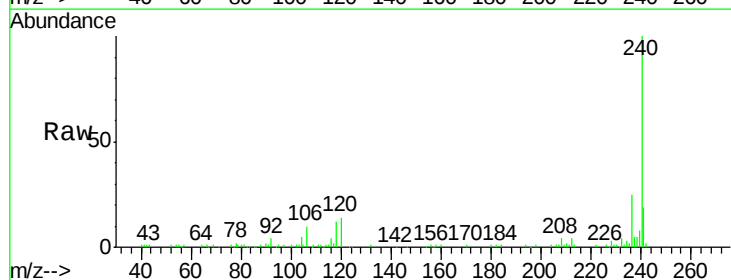


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

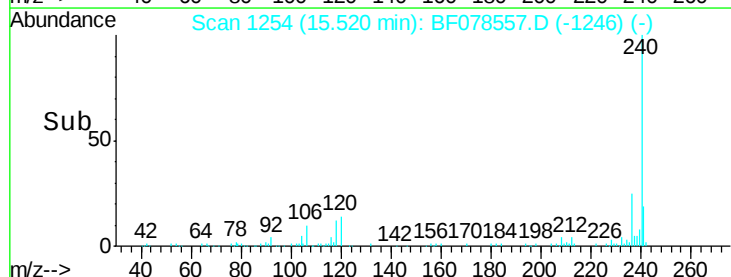
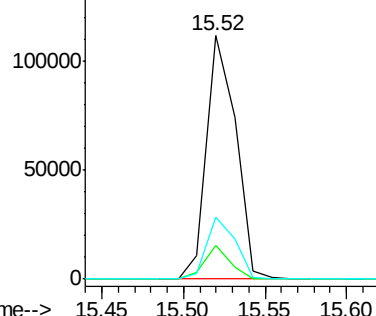


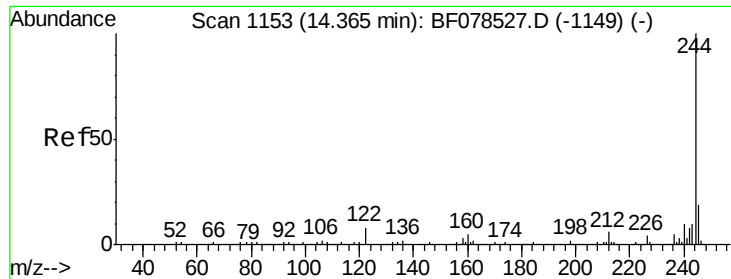
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF078557.D
Acq: 16 Apr 2015 1:40

Tgt Ion:240 Resp: 137958
Ion Ratio Lower Upper
240 100
120 13.8 7.1 10.7#
236 25.2 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

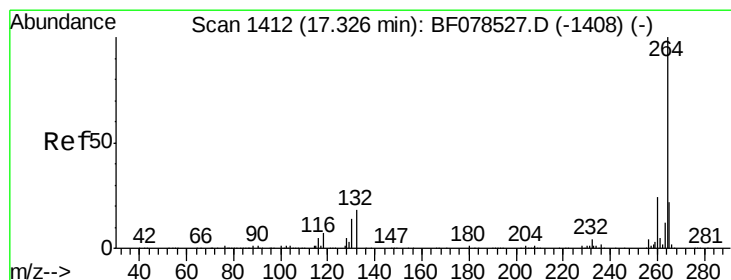
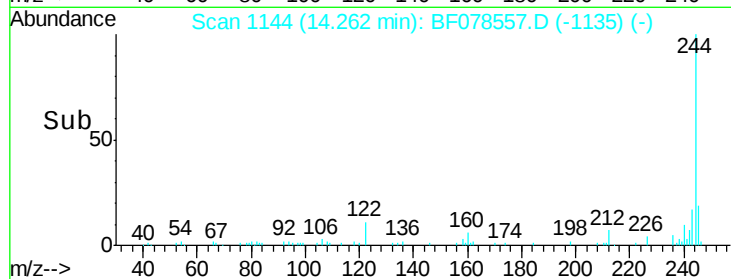
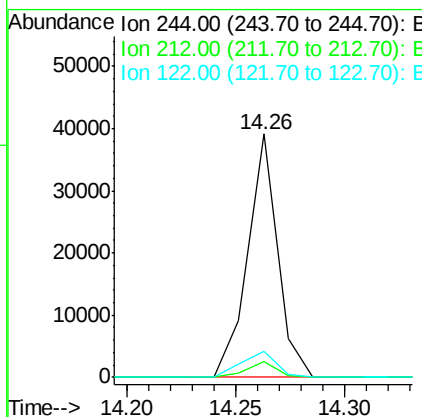
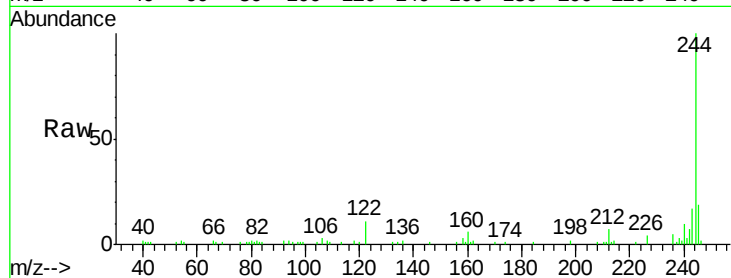




#78
 Terphenyl-d14
 Concen: 6.12 ng
 RT: 14.26 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF078557.D
 Acq: 16 Apr 2015 1:40

Instrument :
 BNA_F
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 LS-SB11B(9.5-10)

Tgt Ion: 244 Resp: 37367
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 10.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1399
 Delta R.T. -0.13 min
 Lab File: BF078557.D
 Acq: 16 Apr 2015 1:40

Tgt Ion: 264 Resp: 138528
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 27.8
 265 21.7 17.0 25.6

