

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075502.D
 Acq On : 14 Nov 2014 19:09
 Operator : TP / JJ
 Sample : PB80332BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BL

Quant Time: Nov 14 23:24:33 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

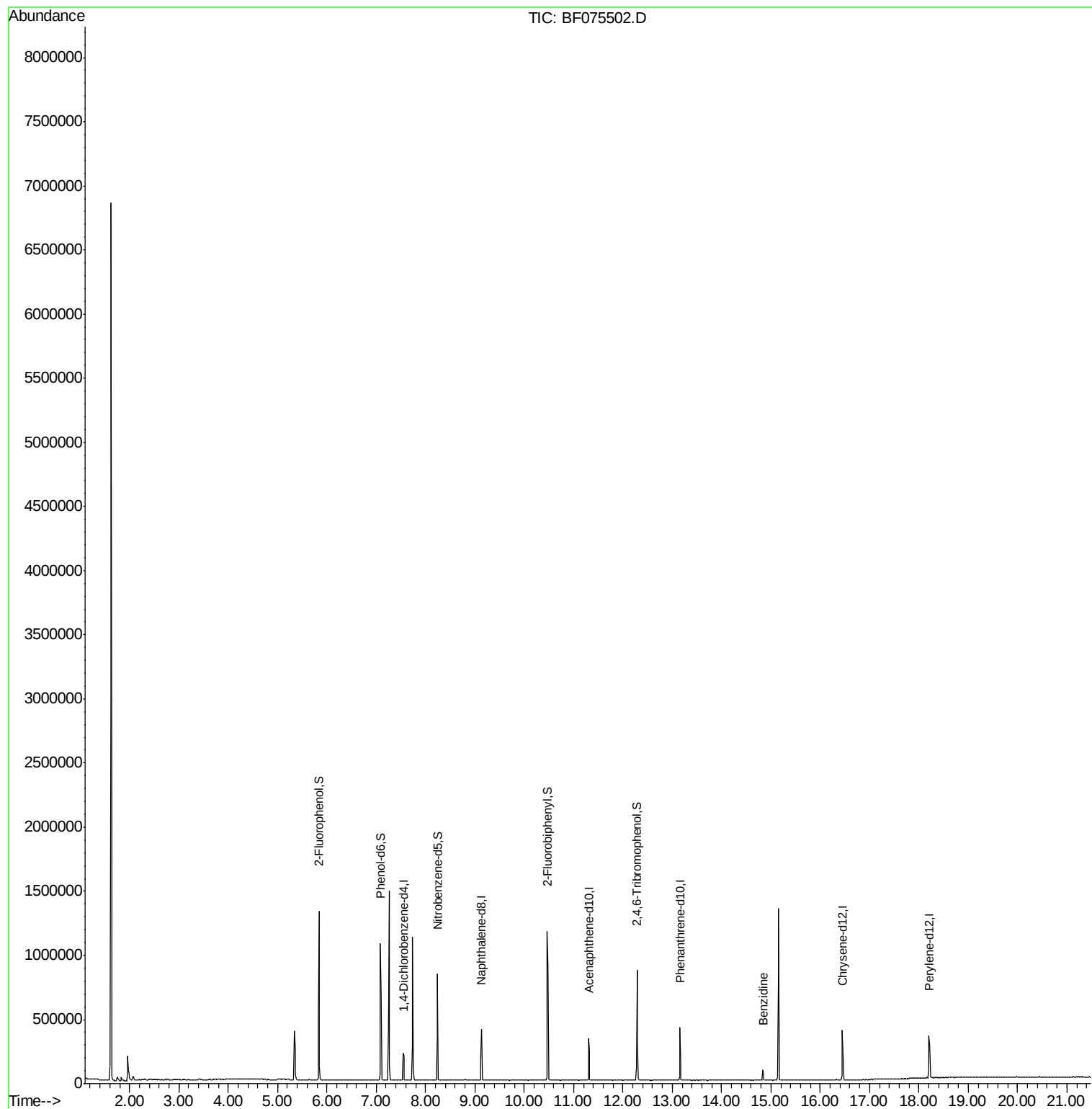
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	48099	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	203188	20.00	ng	-0.02
38) Acenaphthene-d10	11.30	164	96745	20.00	ng	-0.03
63) Phenanthrene-d10	13.16	188	161761	20.00	ng	-0.03
75) Chrysene-d12	16.45	240	169685	20.00	ng	-0.09
86) Perylene-d12	18.21	264	174693	20.00	ng	-0.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	395782	145.37	ng	-0.02
7) Phenol-d6	7.09	99	467014	142.64	ng	-0.02
23) Nitrobenzene-d5	8.24	82	271349	97.91	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	108475	133.87	ng	-0.03
44) 2-Fluorobiphenyl	10.47	172	508771	95.03	ng	-0.02
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
76) Benzidine	14.84	184	34137	6.33	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075502.D

Acq: 14 Nov 2014 19:09

Instrument :

BNA_F

ClientSampleId :

PB80332BL

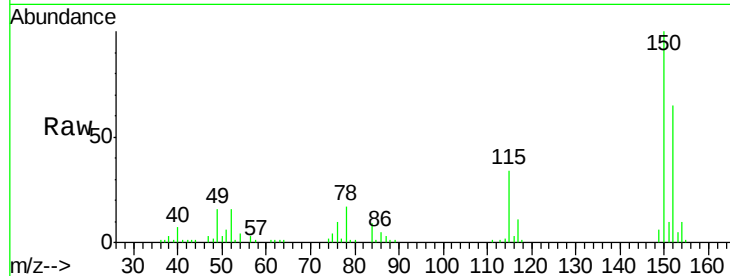
Tgt Ion:152 Resp: 48099

Ion Ratio Lower Upper

152 100

150 153.9 127.2 190.8

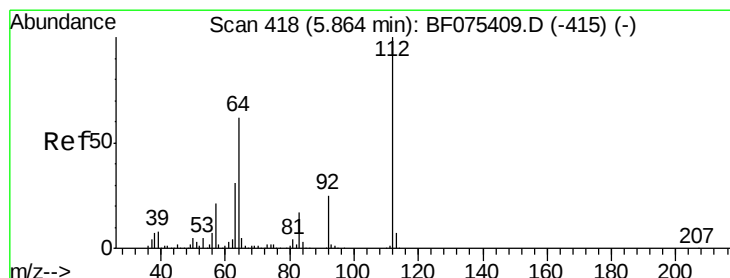
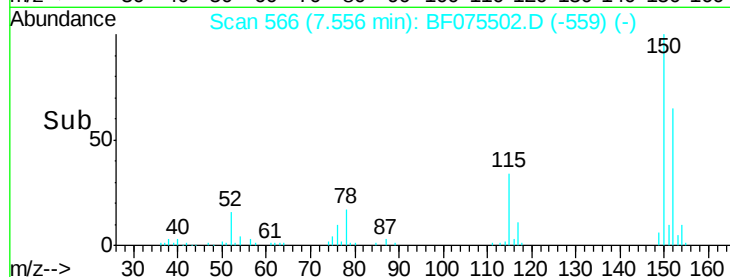
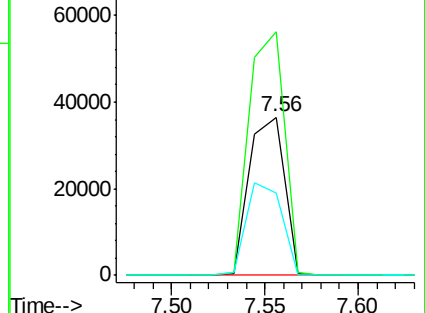
115 51.8 57.1 85.7#



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: 145.37 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075502.D

Acq: 14 Nov 2014 19:09

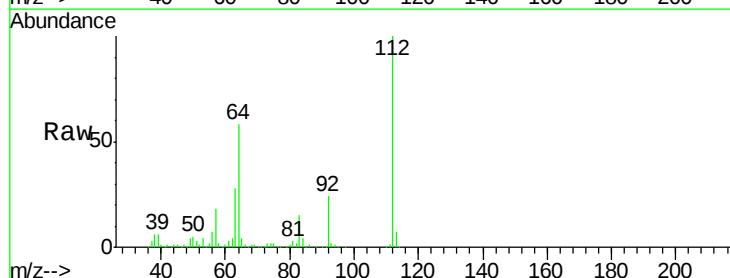
Tgt Ion:112 Resp: 395782

Ion Ratio Lower Upper

112 100

64 58.4 45.8 68.6

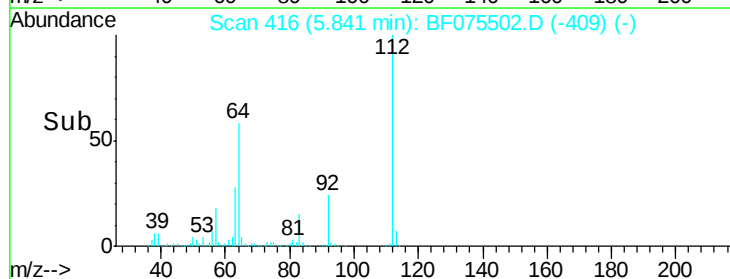
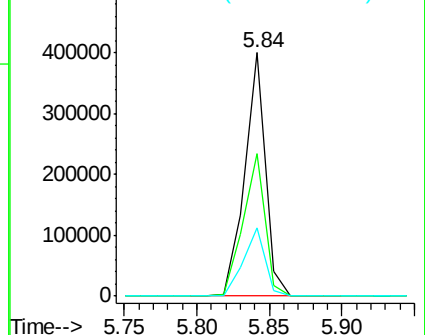
63 28.3 22.7 34.1

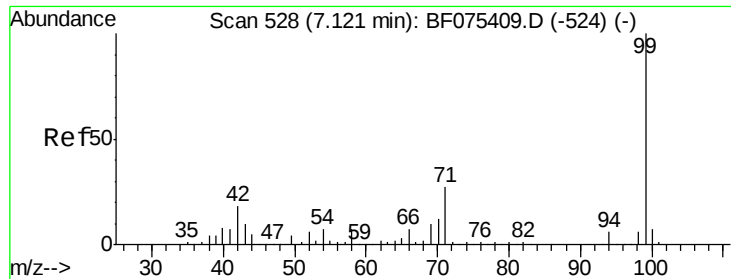


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.64 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075502.D

Acq: 14 Nov 2014 19:09

Instrument :

BNA_F

ClientSampleId :

PB80332BL

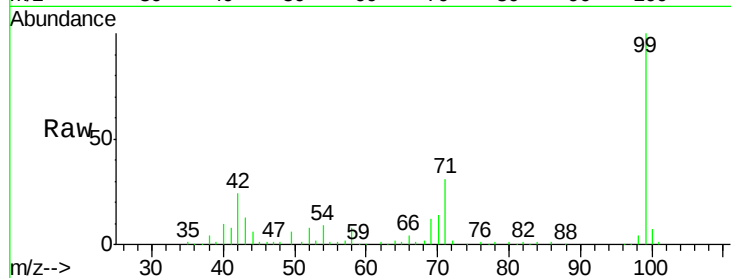
Tgt Ion: 99 Resp: 467014

Ion Ratio Lower Upper

99 100

42 24.2 19.8 29.6

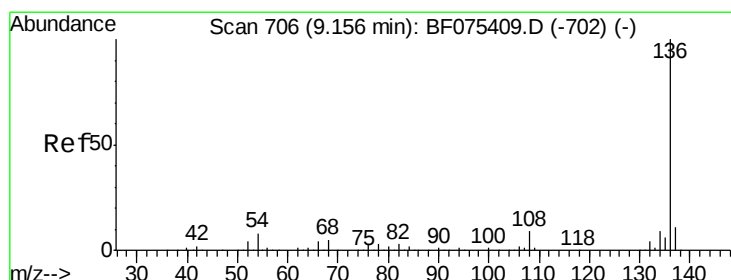
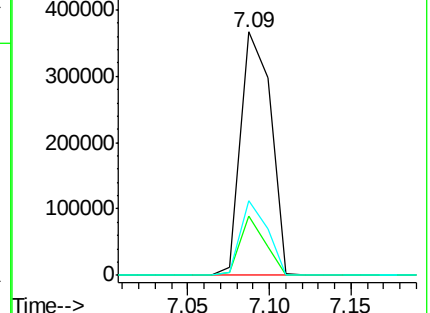
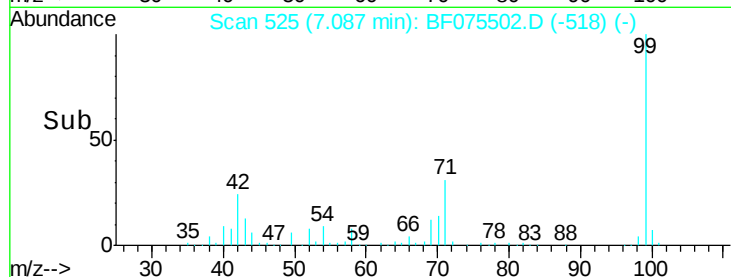
71 30.9 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF075502.D

Acq: 14 Nov 2014 19:09

Tgt Ion: 136 Resp: 203188

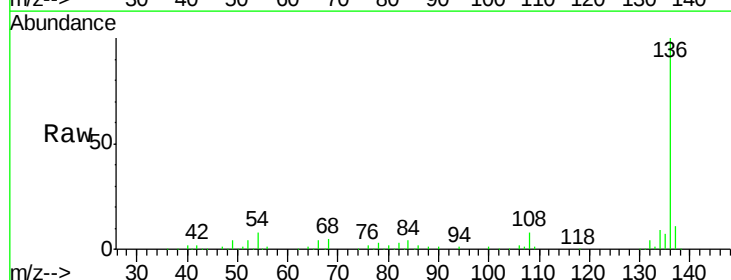
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 7.6 6.2 9.4

68 5.4 3.4 5.2#

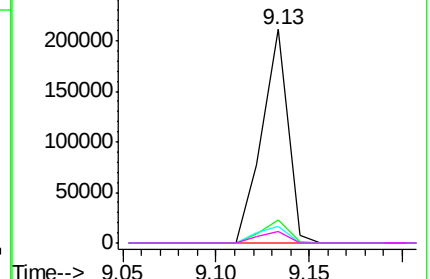
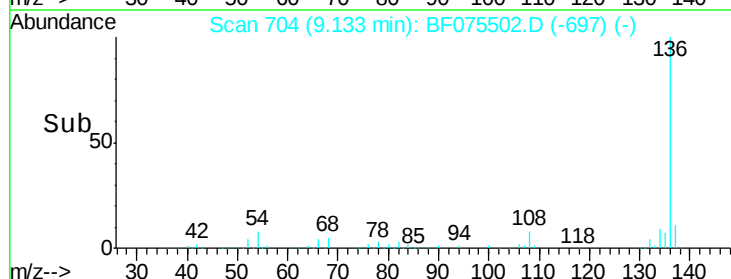


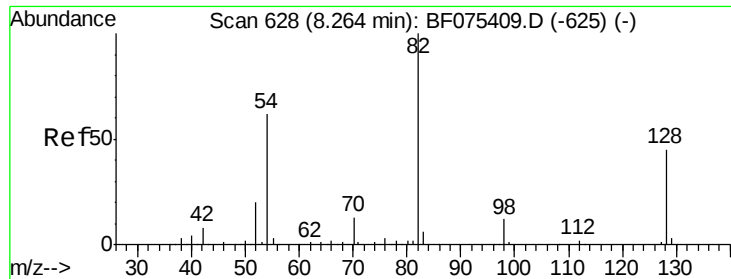
Abundance Ion 136.00 (135.70 to 136.70): E

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

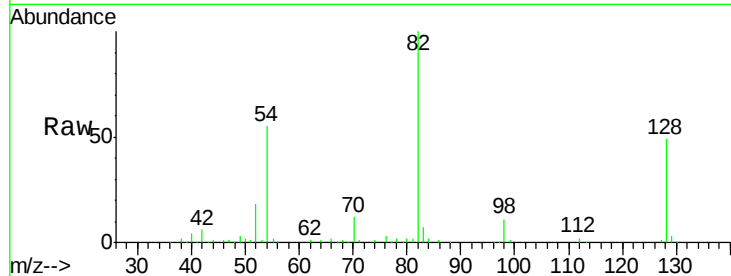




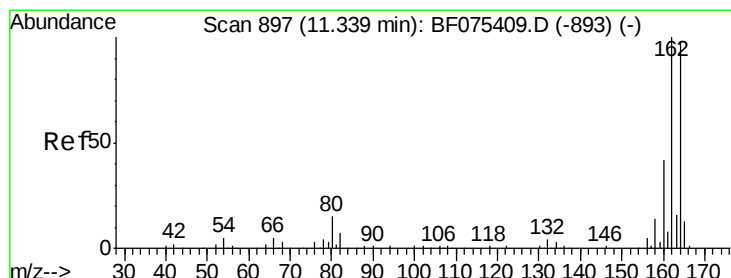
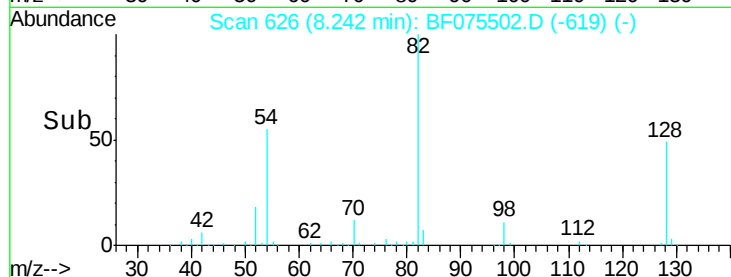
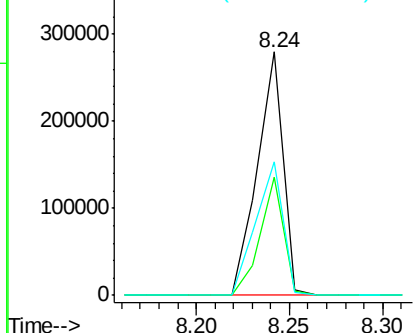
#23
Nitrobenzene-d5
Concen: 97.91 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075502.D
Acq: 14 Nov 2014 19:09

Instrument :
BNA_F
ClientSampleId :
PB80332BL

Tgt Ion: 82 Resp: 271349
Ion Ratio Lower Upper
82 100
128 48.7 37.8 56.6
54 55.1 49.8 74.8

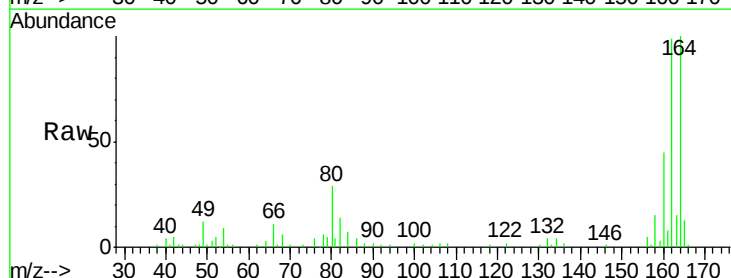


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

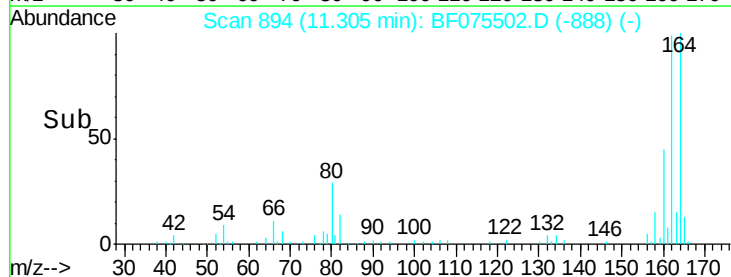
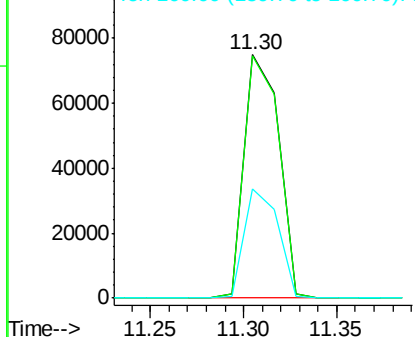


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF075502.D
Acq: 14 Nov 2014 19:09

Tgt Ion:164 Resp: 96745
Ion Ratio Lower Upper
164 100
162 99.4 79.1 118.7
160 44.7 34.6 51.8



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

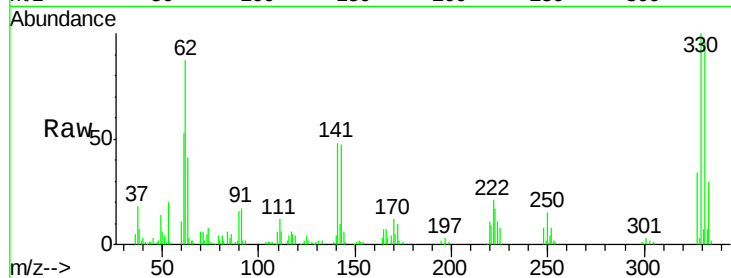




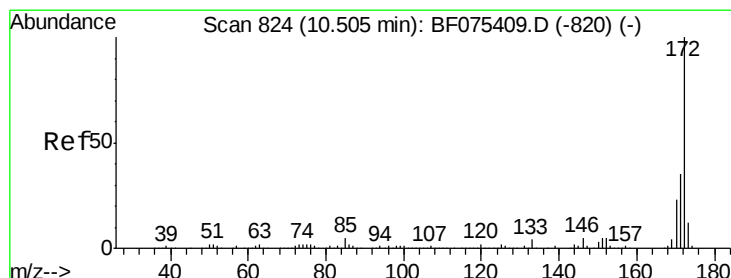
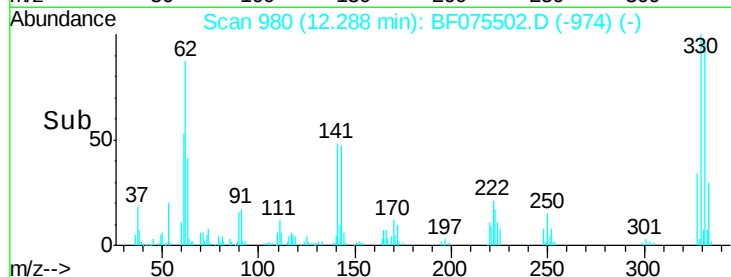
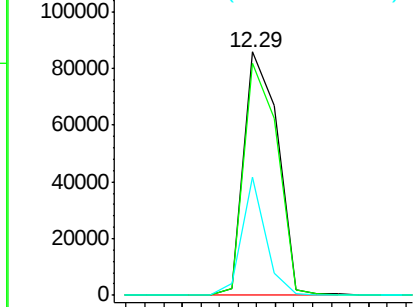
#41
 2,4,6-Tribromophenol
 Concen: 133.87 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075502.D
 Acq: 14 Nov 2014 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB80332BL

Tgt Ion:330 Resp: 108475
 Ion Ratio Lower Upper
 330 100
 332 94.6 74.5 111.7
 141 34.1 30.7 46.1

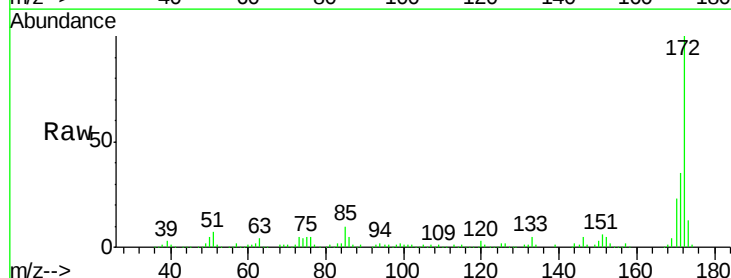


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

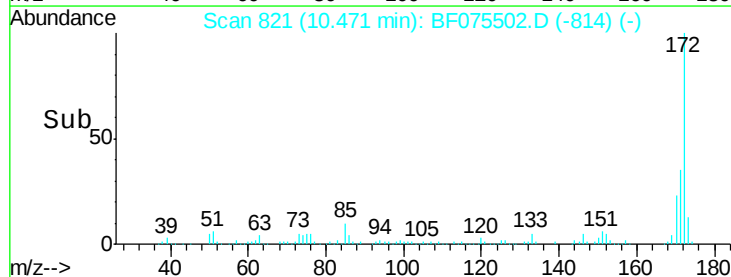
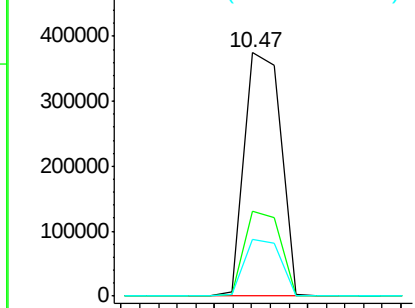


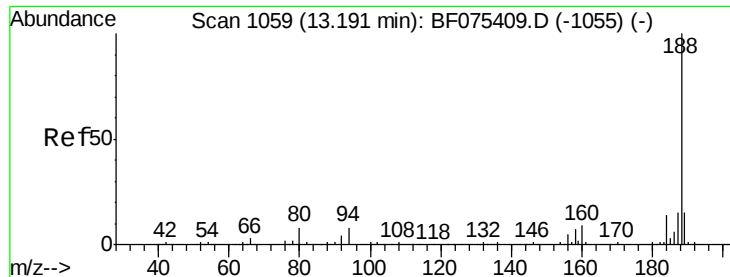
#44
 2-Fluorobiphenyl
 Concen: 95.03 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF075502.D
 Acq: 14 Nov 2014 19:09

Tgt Ion:172 Resp: 508771
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.3 40.9
 170 23.2 18.4 27.6



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

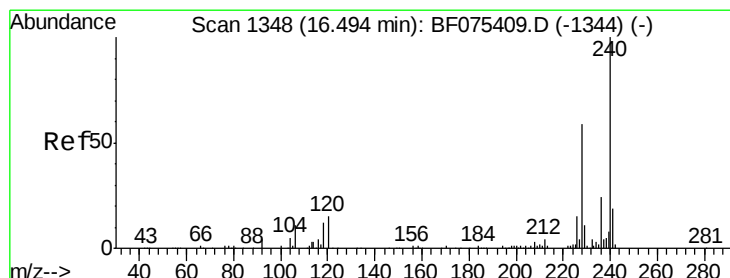
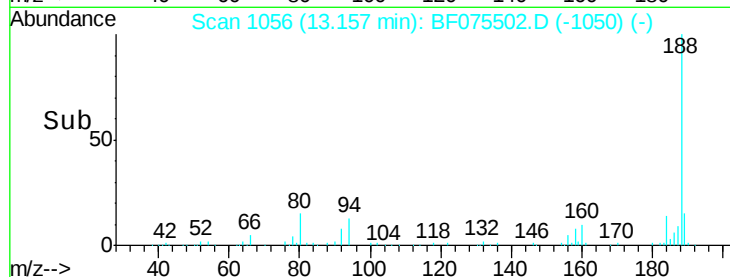
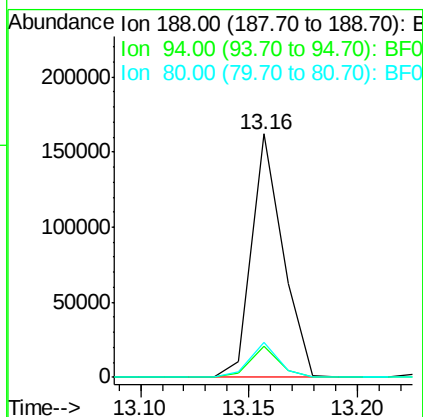
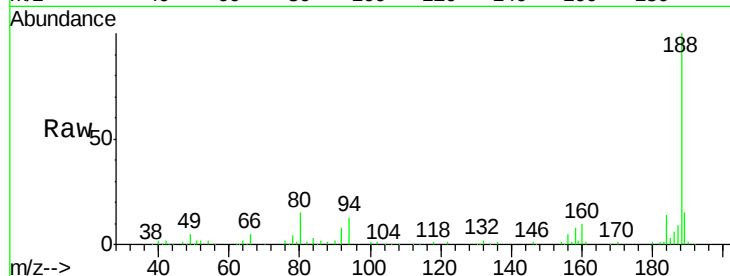




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075502.D
Acq: 14 Nov 2014 19:09

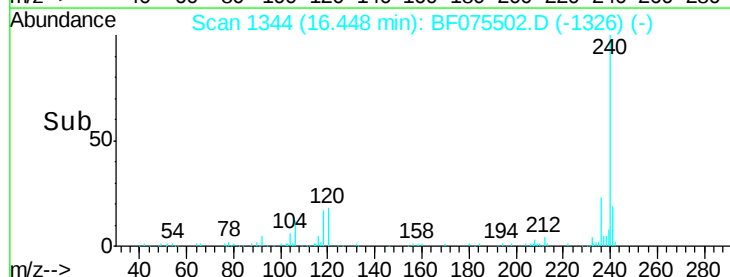
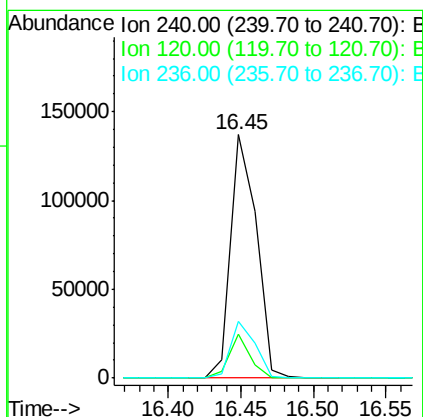
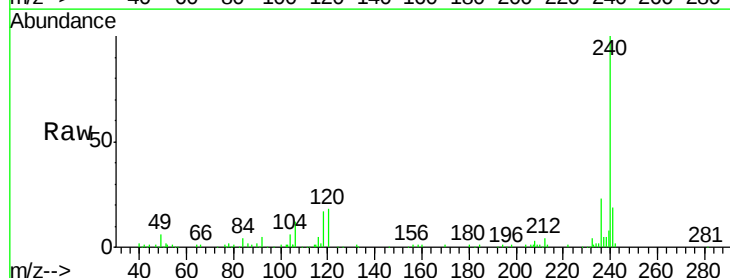
Instrument :
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PB80332BL

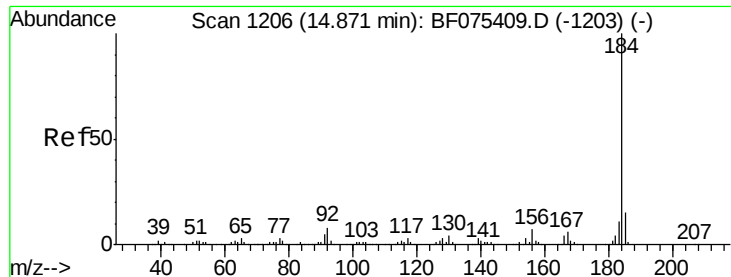
Tgt Ion:188 Resp: 161761
Ion Ratio Lower Upper
188 100
94 12.9 7.8 11.6#
80 14.6 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.09 min
Lab File: BF075502.D
Acq: 14 Nov 2014 19:09

Tgt Ion:240 Resp: 169685
Ion Ratio Lower Upper
240 100
120 18.1 9.6 14.4#
236 23.1 18.9 28.3

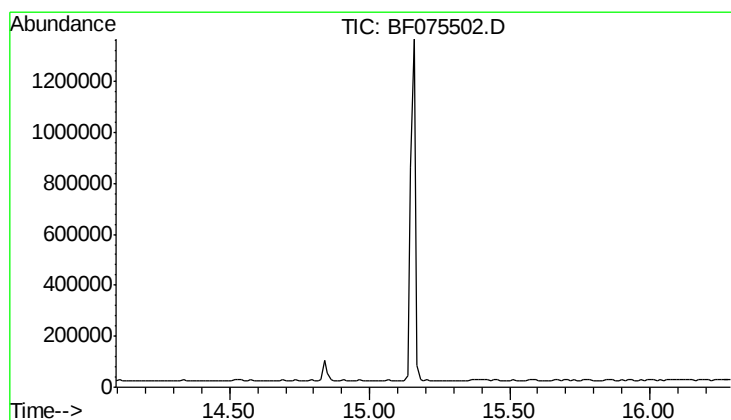
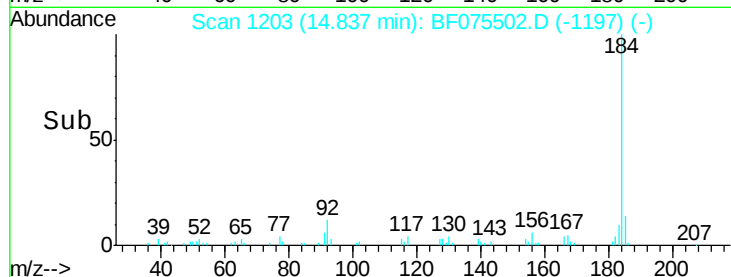
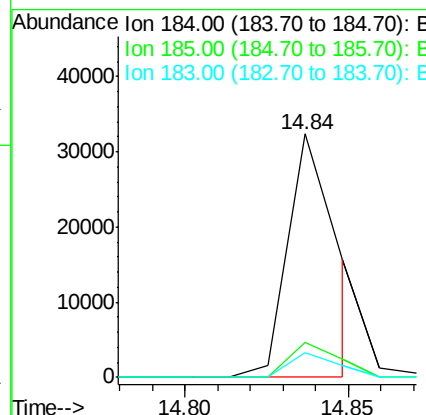
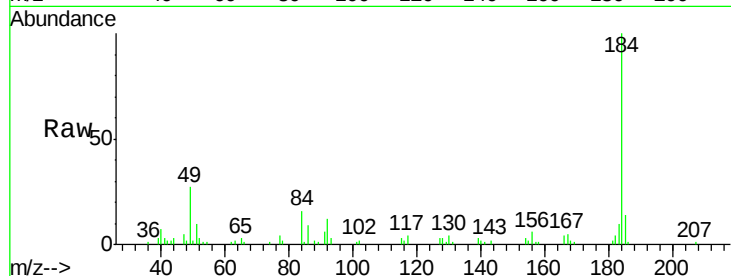




#76
Benzidine
Concen: 6.33 ng
RT: 14.84 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BF075502.D
Acq: 14 Nov 2014 19:09

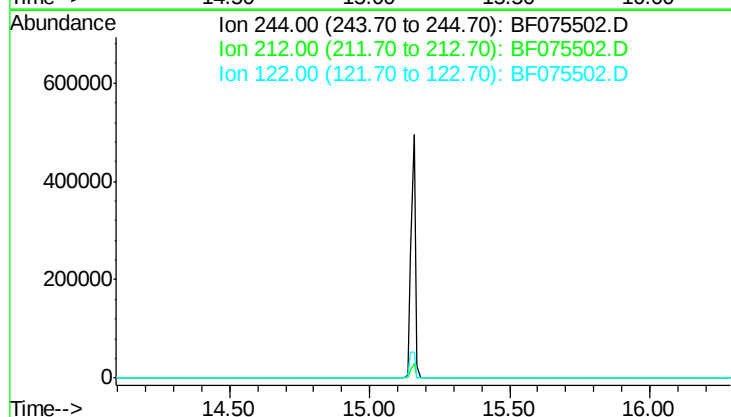
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BNA_F
ClientSampleId :
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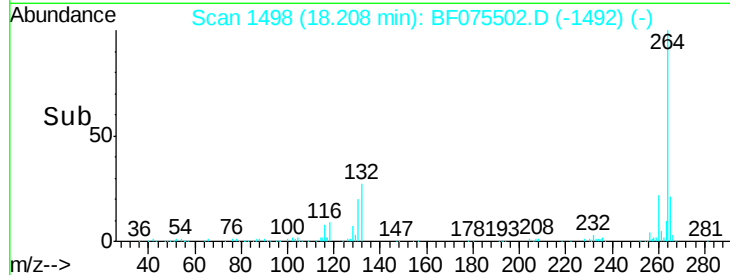
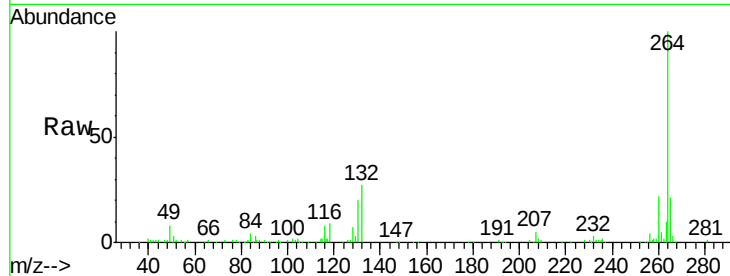
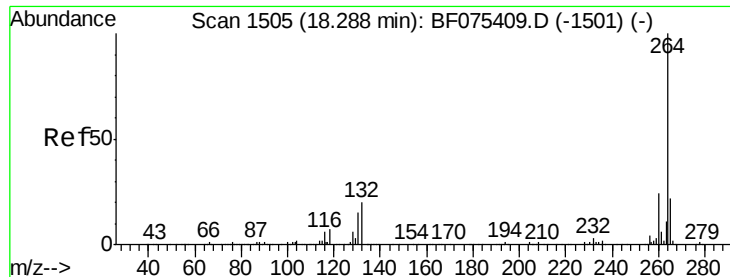
Tgt Ion: 184 Resp: 34137
Ion Ratio Lower Upper
184 100
185 14.2 10.9 16.3
183 10.3 8.7 13.1



#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 15.19 min
Lab File: BF075502.D
Acq: 14 Nov 2014 19:09

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.9
122 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.23 min
Lab File: BF075502.D
Acq: 14 Nov 2014 19:09

Instrument :
BNA_F
ClientSampleId :
PB80332BL

Tgt Ion:	264	Resp:	174693
Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.9	26.9
265	21.0	16.3	24.5

