

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081315\
 Data File : BE090503.D
 Acq On : 13 Aug 2015 17:03
 Operator : UM/IZ
 Sample : PB84988BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84988BL

Quant Time: Aug 14 04:40:31 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24474	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	119775	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	64274	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	144065	5.00	ng	0.00
25) Chrysene-d12	21.09	240	147444	5.00	ng	0.00
32) Perylene-d12	23.40	264	136650	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	59726	16.27	ng	0.00
5) Phenol-d6	6.77	99	86908	10.82	ng	0.00
7) Nitrobenzene-d5	8.72	82	37480	3.89	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	23950	10.56	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	70757	4.00	ng	0.00
27) Terphenyl-d14	19.55	244	100305	4.62	ng	-0.01

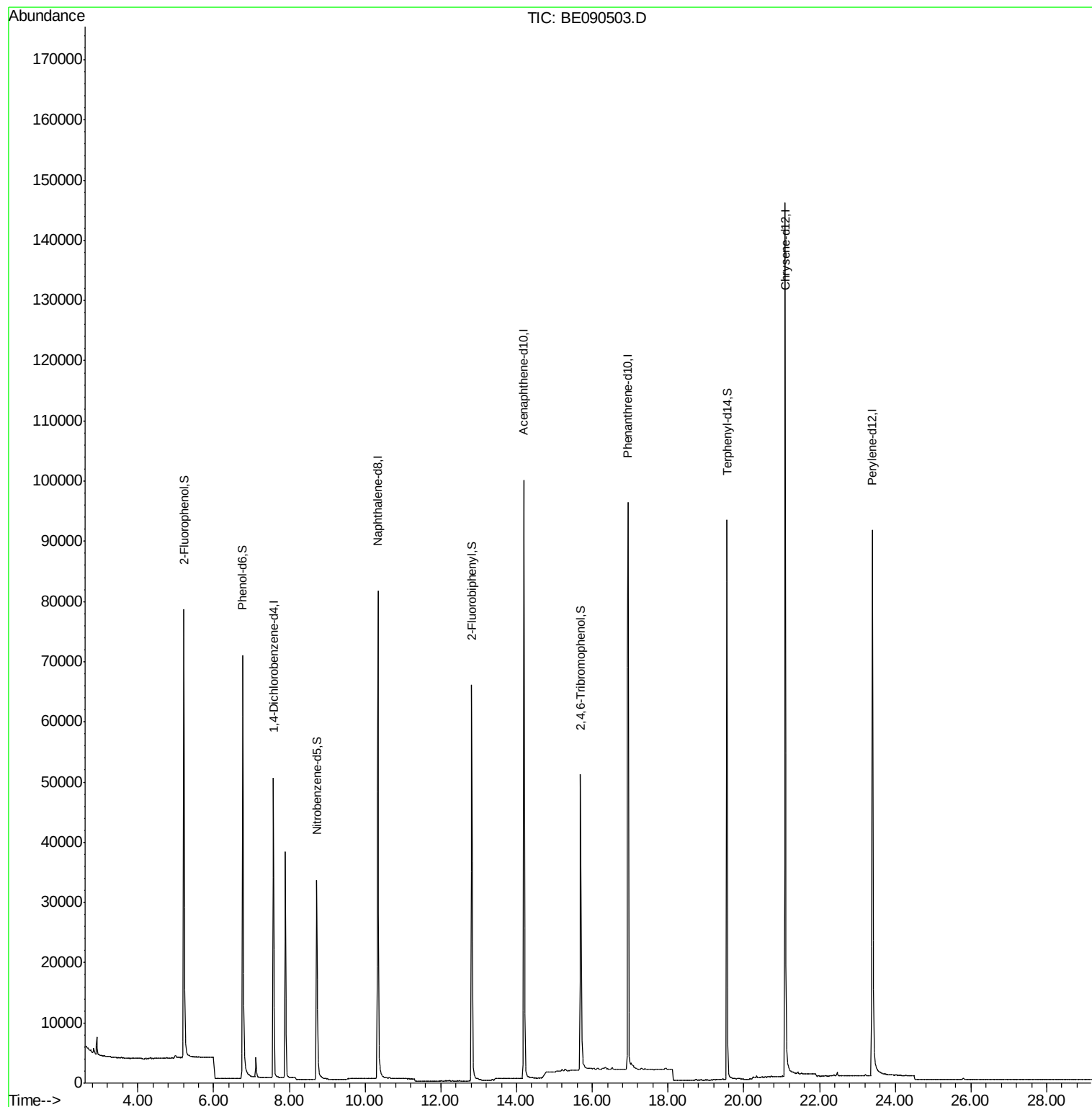
Target Compounds	Qvalue
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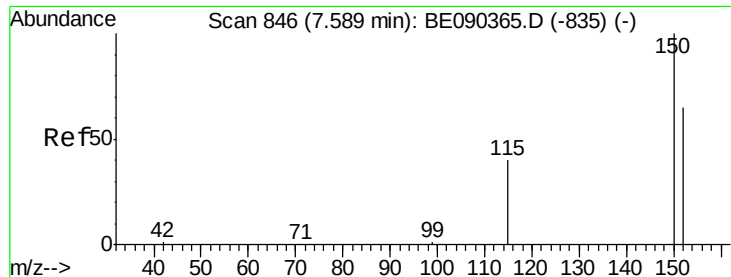
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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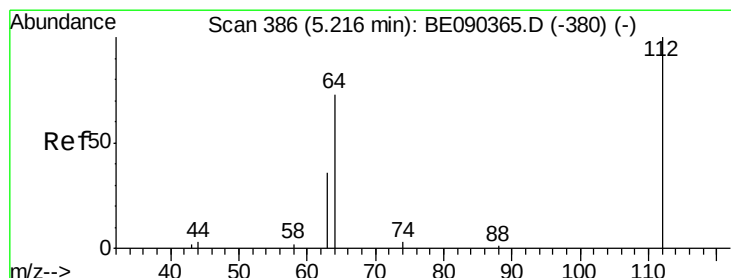
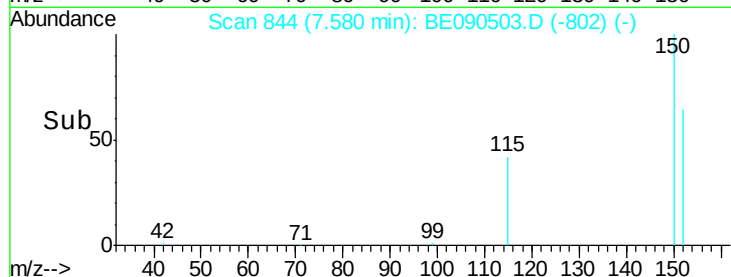
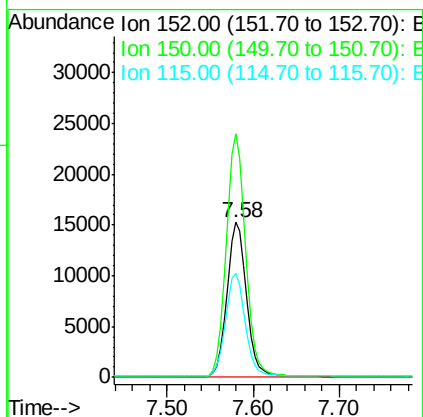
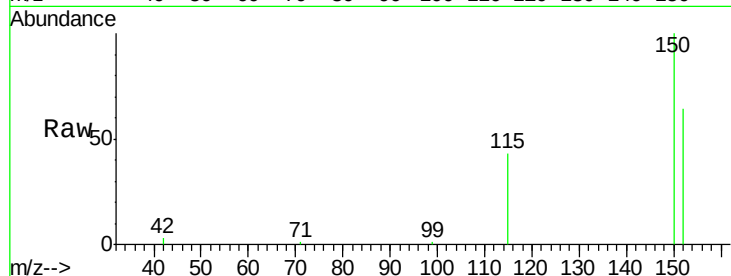


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090503.D
Acq: 13 Aug 2015 17:03

Instrument :
BNA_E
ClientSampleId :
PB84988BL

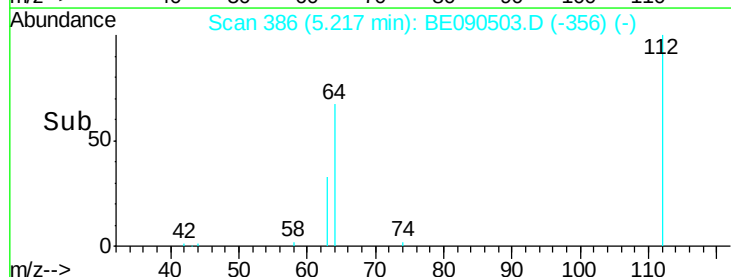
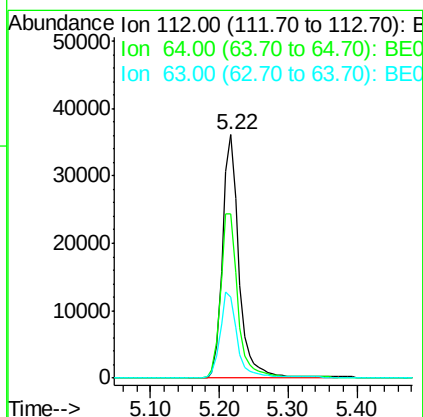
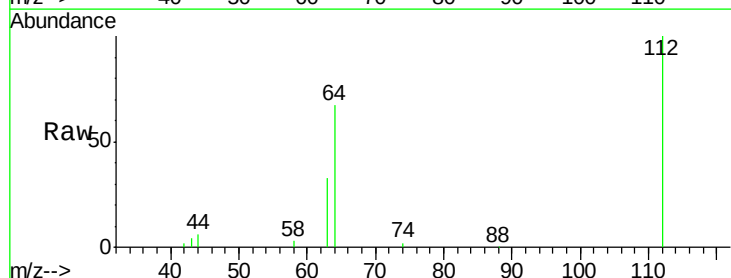
Tgt Ion:152 Resp: 24474
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.4
115 67.4 48.9 73.3

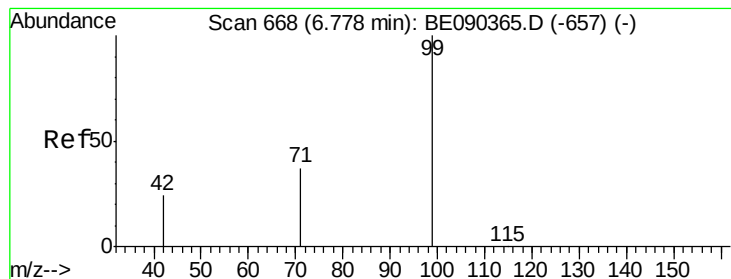


#4

2-Fluorophenol
Concen: 16.27 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090503.D
Acq: 13 Aug 2015 17:03

Tgt Ion:112 Resp: 59726
Ion Ratio Lower Upper
112 100
64 70.9 37.1 55.7#
63 36.0 19.5 29.3#





#5

Phenol-d6

Concen: 10.82 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090503.D

Acq: 13 Aug 2015 17:03

Instrument :

BNA_E

ClientSampled :

PB84988BL

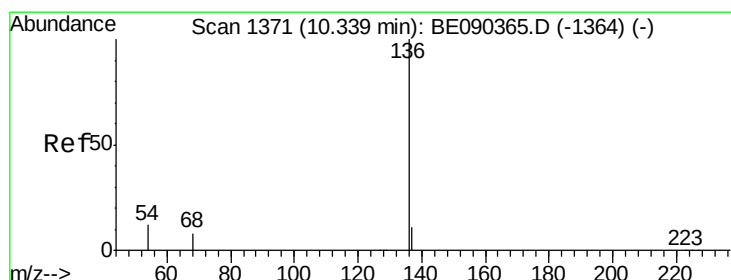
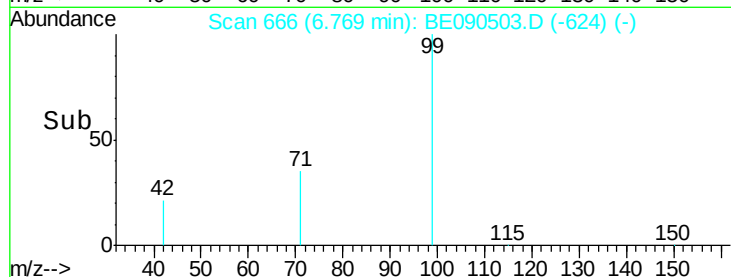
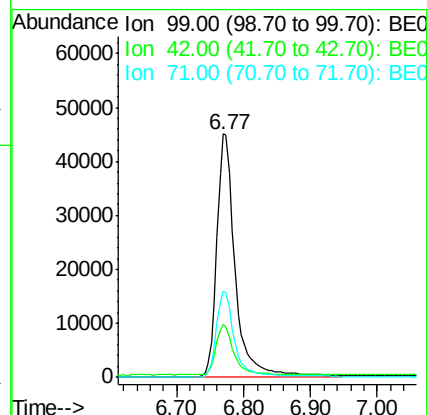
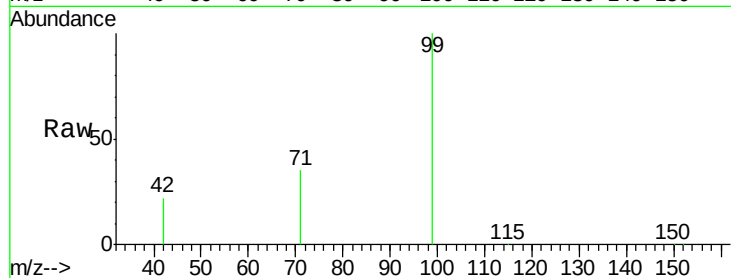
Tgt Ion: 99 Resp: 86908

Ion Ratio Lower Upper

99 100

42 20.4 18.2 27.4

71 35.2 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090503.D

Acq: 13 Aug 2015 17:03

Tgt Ion: 136 Resp: 119775

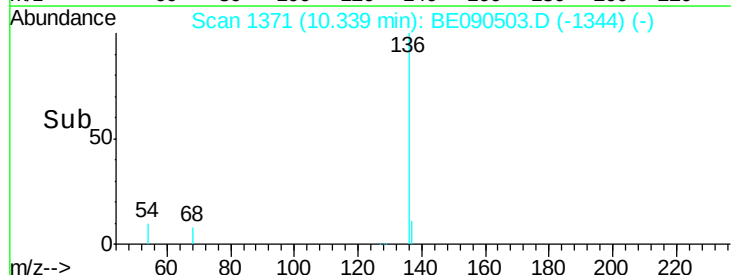
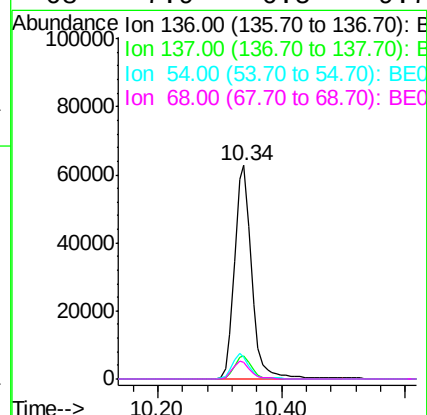
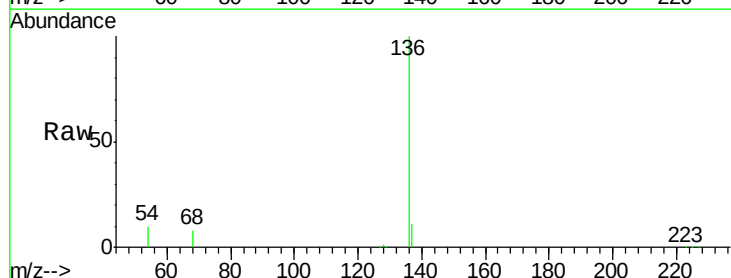
Ion Ratio Lower Upper

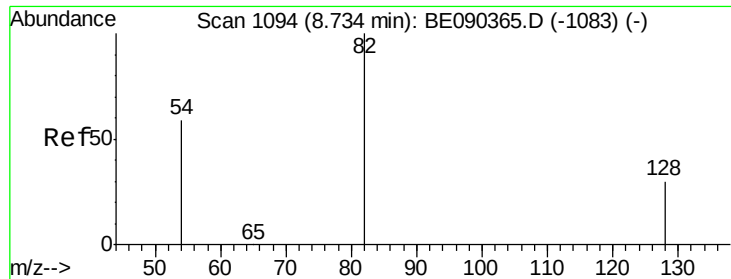
136 100

137 11.0 8.7 13.1

54 10.4 9.4 14.0

68 7.9 6.5 9.7





#7

Nitrobenzene-d5

Concen: 3.89 ng

RT: 8.72 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE090503.D

Acq: 13 Aug 2015 17:03

Instrument :

BNA_E

ClientSampleId :

PB84988BL

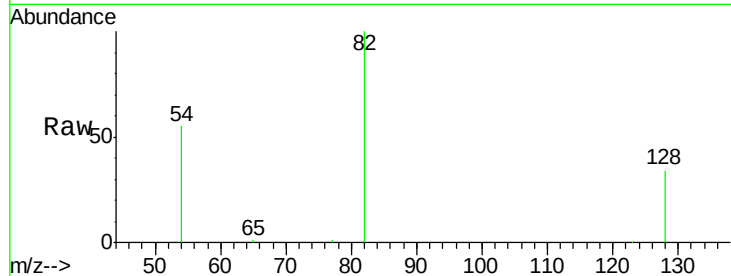
Tgt Ion: 82 Resp: 37480

Ion Ratio Lower Upper

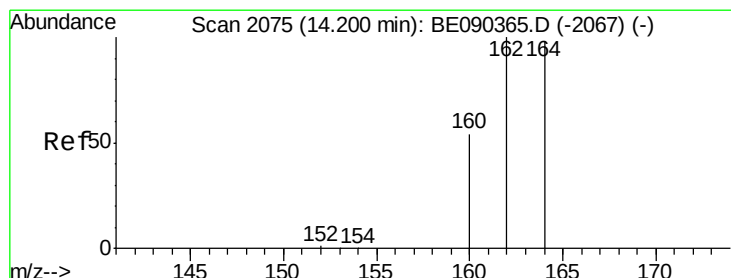
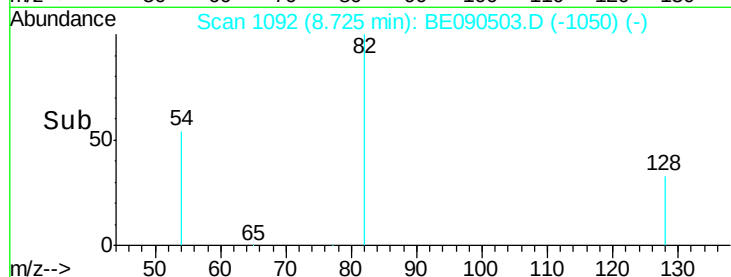
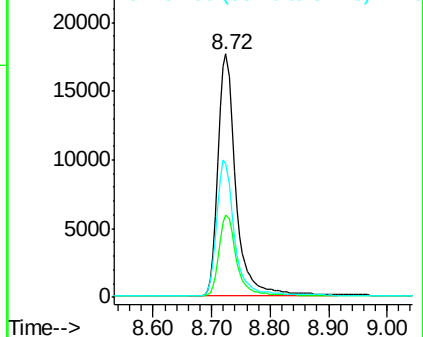
82 100

128 33.8 25.0 37.6

54 54.7 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BE090503.D

Acq: 13 Aug 2015 17:03

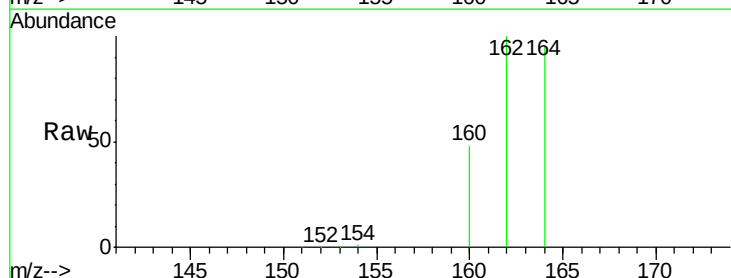
Tgt Ion: 164 Resp: 64274

Ion Ratio Lower Upper

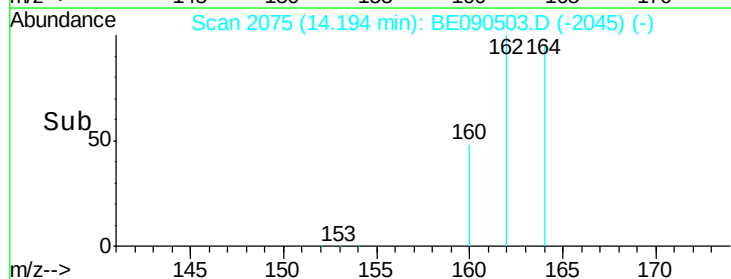
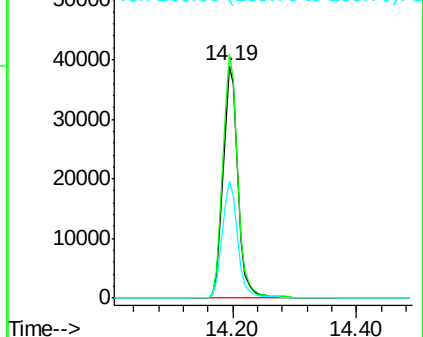
164 100

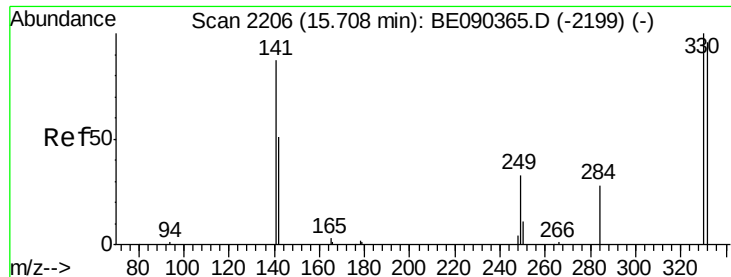
162 104.7 81.8 122.8

160 50.1 44.2 66.4



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

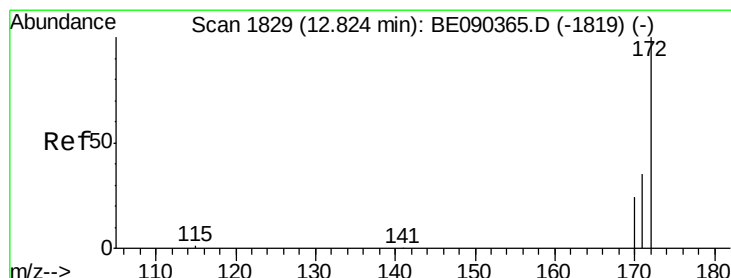
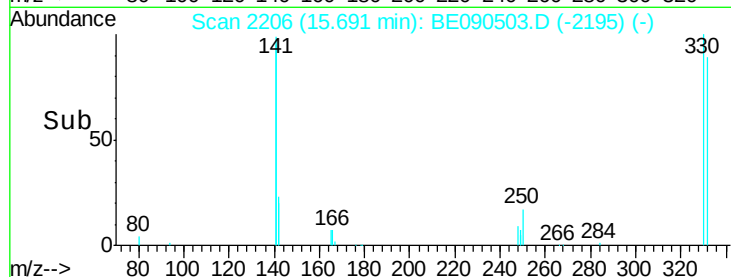
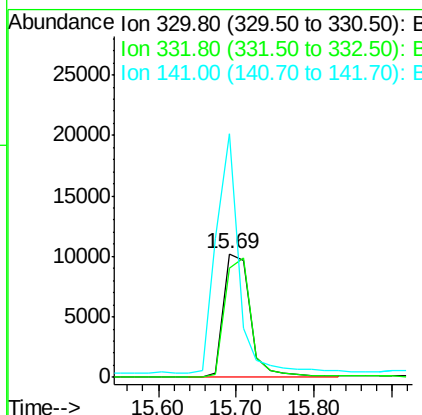
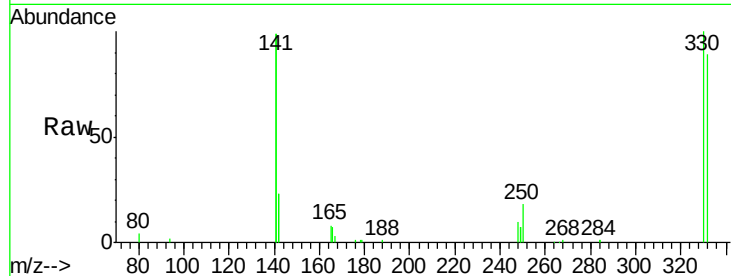




#13
 2,4,6-Tribromophenol
 Concen: 10.56 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090503.D
 Acq: 13 Aug 2015 17:03

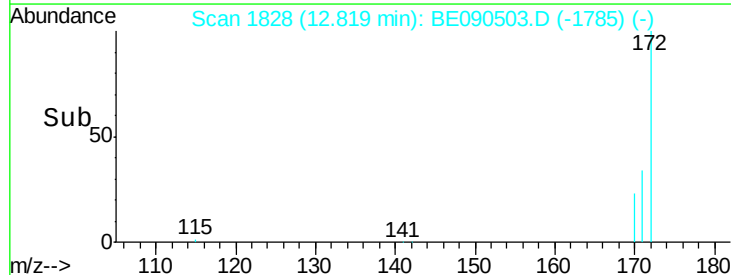
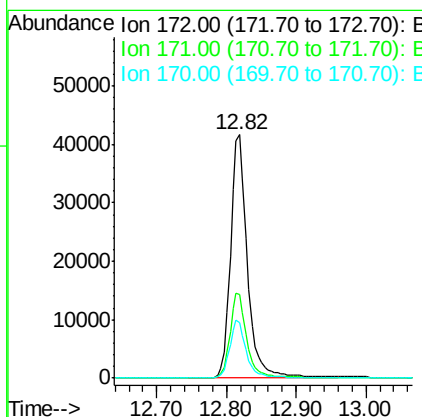
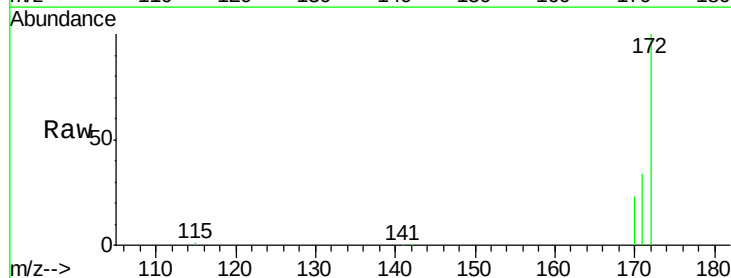
Instrument :
 BNA_E
 ClientSampleId :
 PB84988BL

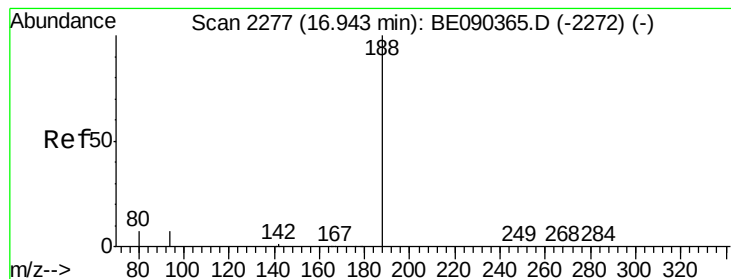
Tgt Ion: 330 Resp: 23950
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.8 113.6
 141 164.8 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 4.00 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BE090503.D
 Acq: 13 Aug 2015 17:03

Tgt Ion: 172 Resp: 70757
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 22.9 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090503.D

Acq: 13 Aug 2015 17:03

Instrument :

BNA_E

ClientSampleId :

PB84988BL

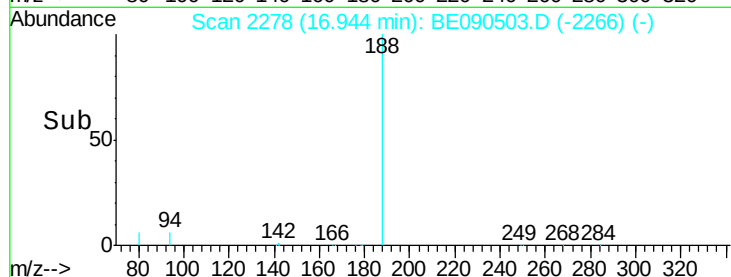
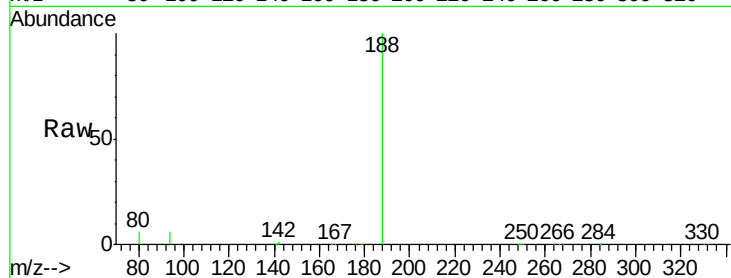
Tgt Ion:188 Resp: 144065

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

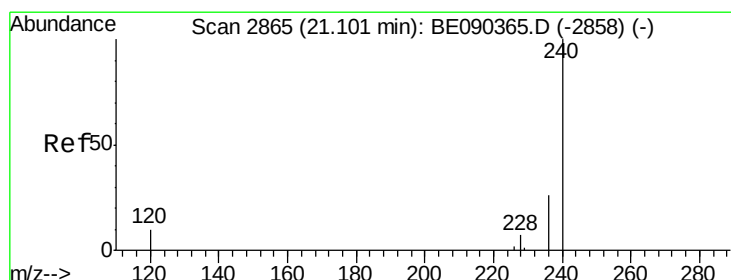
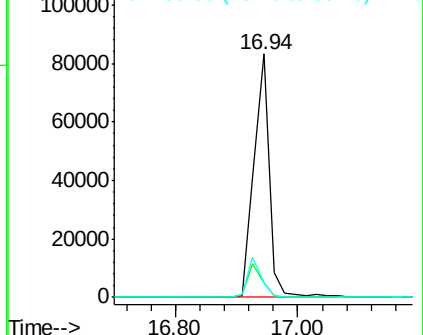
80 6.1 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090503.D

Acq: 13 Aug 2015 17:03

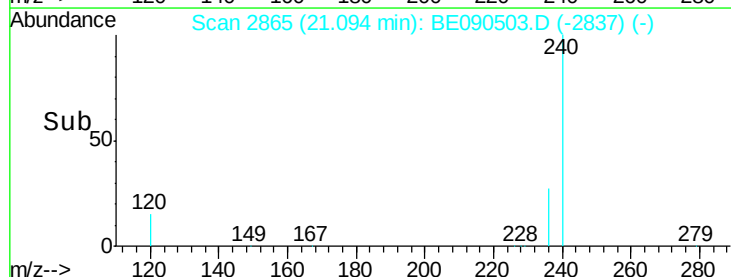
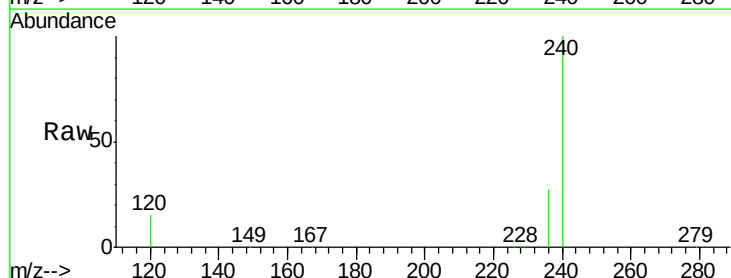
Tgt Ion:240 Resp: 147444

Ion Ratio Lower Upper

240 100

120 14.7 8.3 12.5#

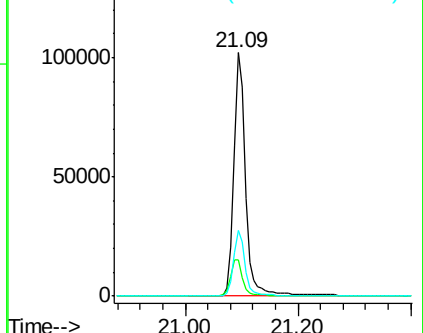
236 27.2 21.0 31.4

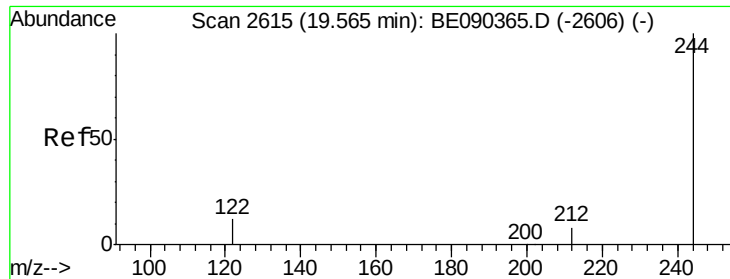


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

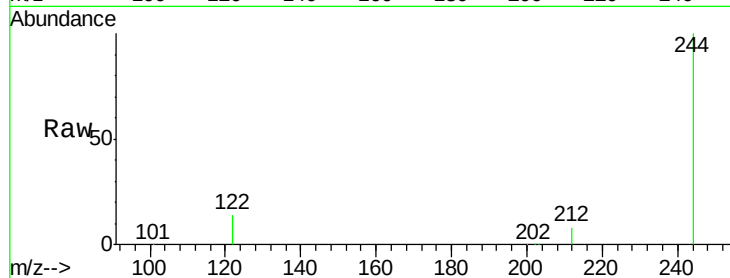




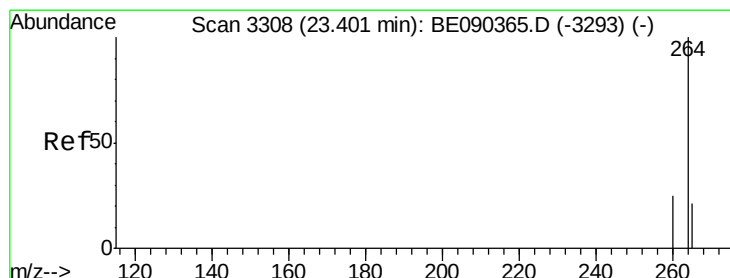
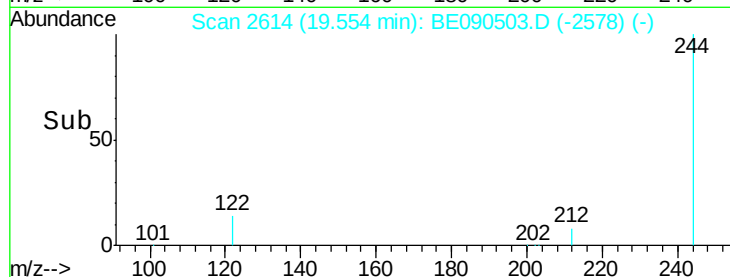
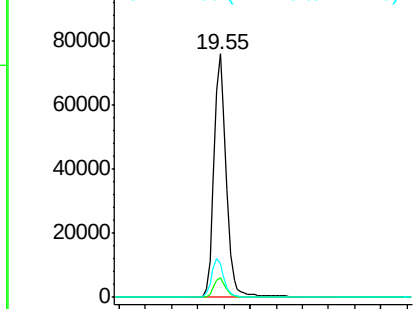
#27
 Terphenyl-d14
 Concen: 4.62 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090503.D
 Acq: 13 Aug 2015 17:03

Instrument :
 BNA_E
 ClientSampleId :
 PB84988BL

Tgt Ion: 244 Resp: 100305
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 13.9 10.2 15.4

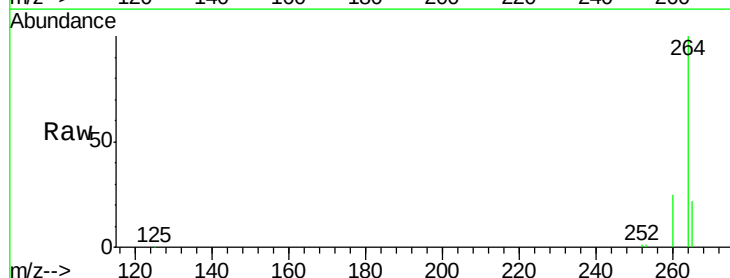


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: BE090503.D
 Acq: 13 Aug 2015 17:03

Tgt Ion: 264 Resp: 136650
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 22.2 17.2 25.8



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

