

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
 Data File : BE090487.D
 Acq On : 13 Aug 2015 3:10
 Operator : UM/IZ
 Sample : PB84984BL
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84984BL

Quant Time: Aug 13 03:51:03 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	18310	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	83782	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	48860	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	117265	5.00	ng	0.00
25) Chrysene-d12	21.09	240	127920	5.00	ng	0.00
32) Perylene-d12	23.40	264	111449	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	30671	11.16	ng	0.00
5) Phenol-d6	6.77	99	45117	7.58	ng	0.00
7) Nitrobenzene-d5	8.73	82	19853	2.99	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	10336	7.24	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	47918	3.57	ng	0.00
27) Terphenyl-d14	19.55	244	82806	4.39	ng	-0.01

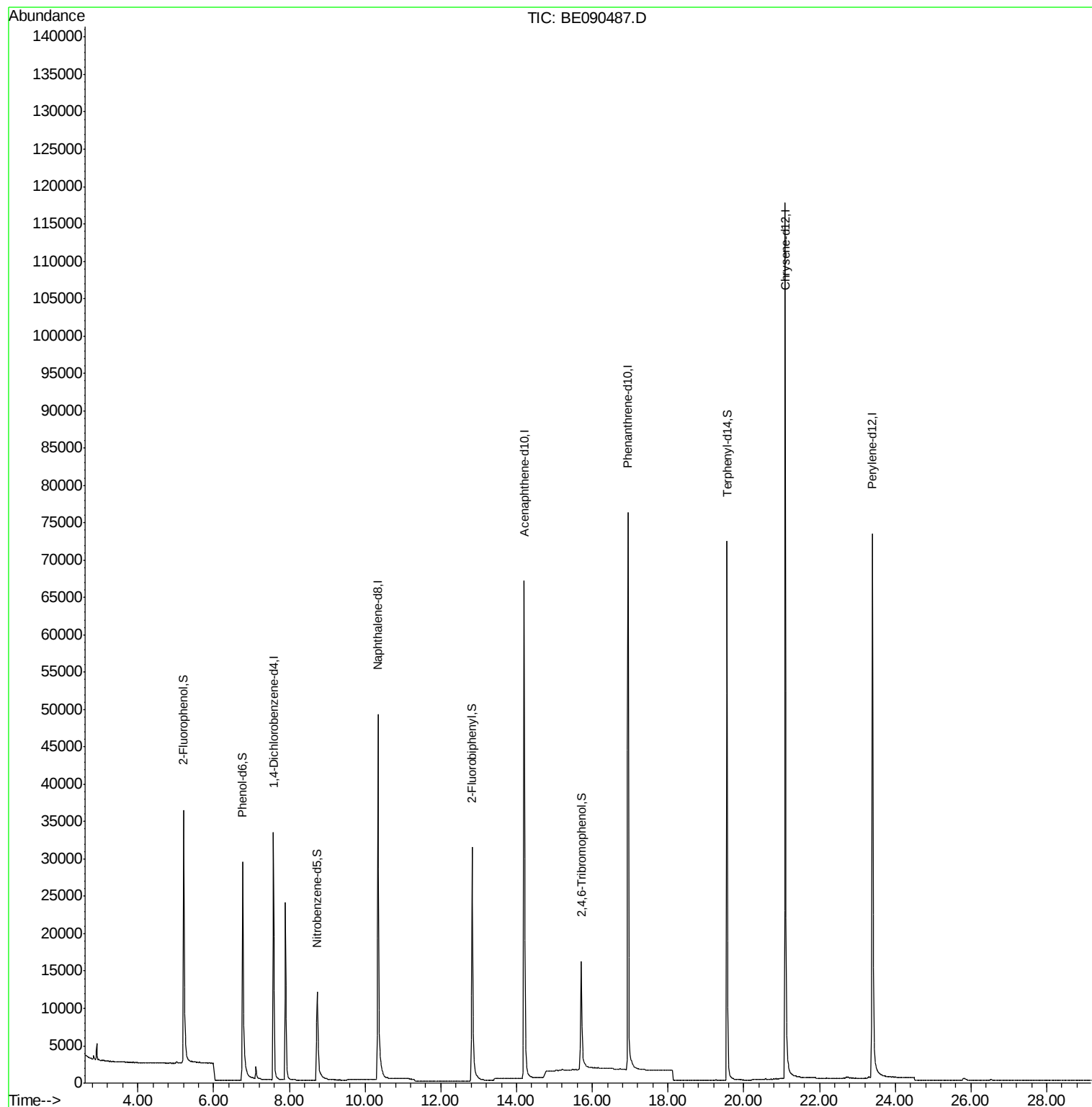
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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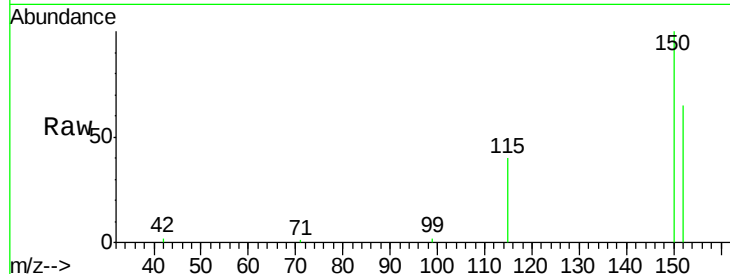




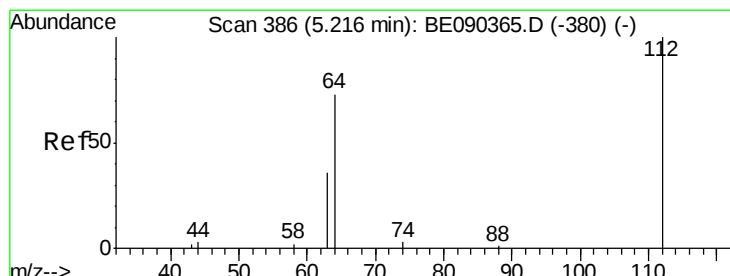
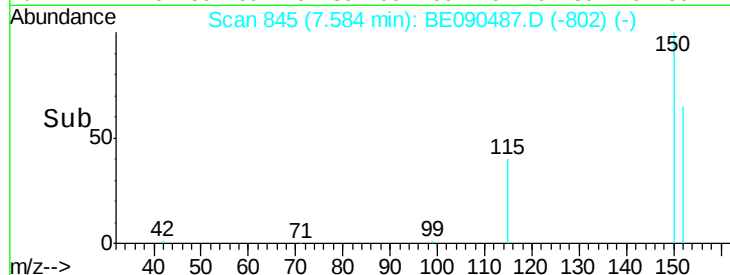
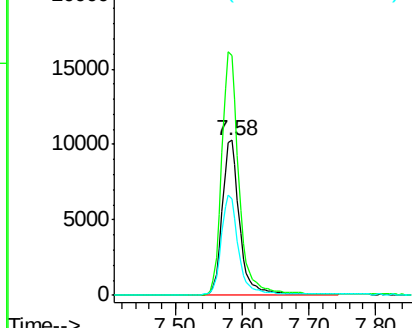
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BE090487.D
 Acq: 13 Aug 2015 3:10

Instrument :
 BNA_E
 ClientSampleID :
 PB84984BL

Tgt Ion:152 Resp: 18310
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.0 184.4
 115 62.1 48.9 73.3

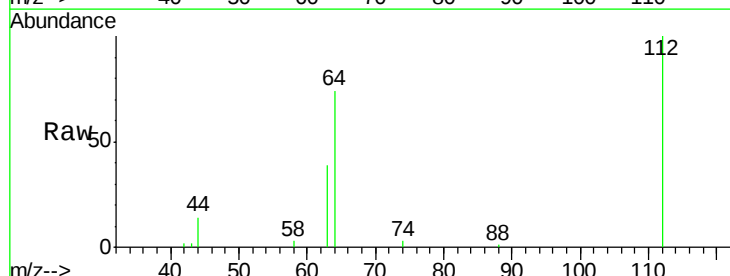


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

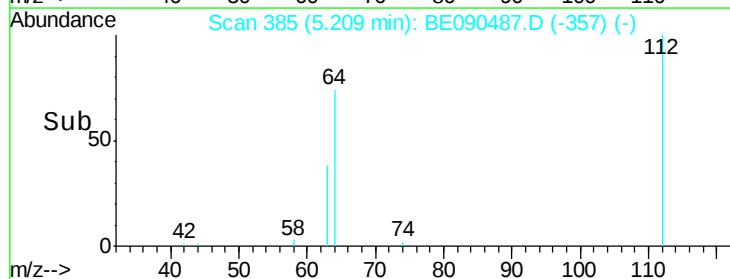
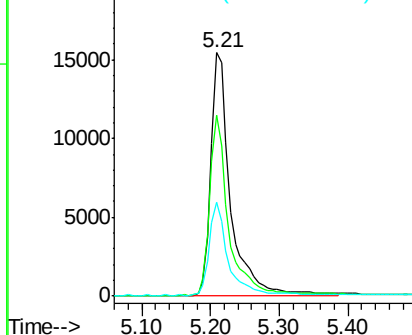


#4
 2-Fluorophenol
 Concen: 11.16 ng
 RT: 5.21 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BE090487.D
 Acq: 13 Aug 2015 3:10

Tgt Ion:112 Resp: 30671
 Ion Ratio Lower Upper
 112 100
 64 71.3 37.1 55.7#
 63 36.4 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.58 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090487.D

Acq: 13 Aug 2015 3:10

Instrument :

BNA_E

ClientSampleId :

PB84984BL

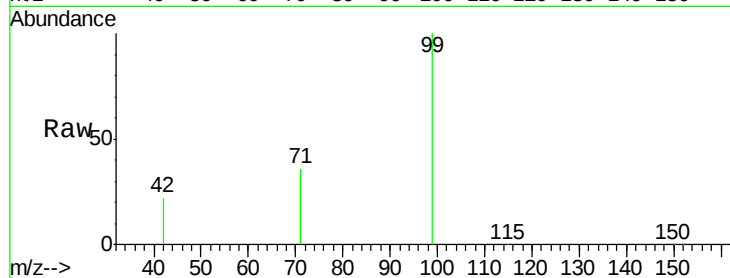
Tgt Ion: 99 Resp: 45117

Ion Ratio Lower Upper

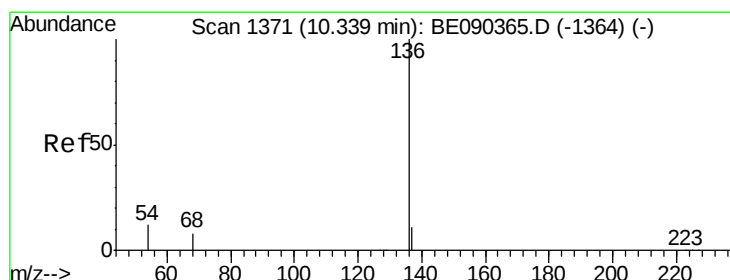
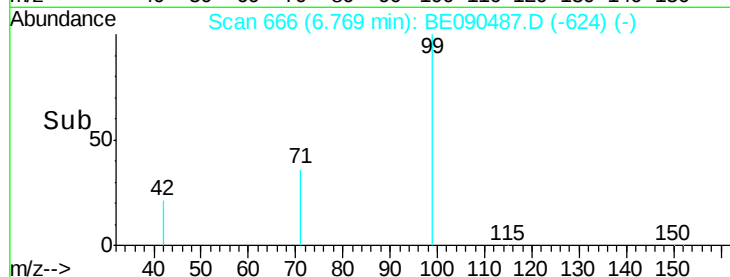
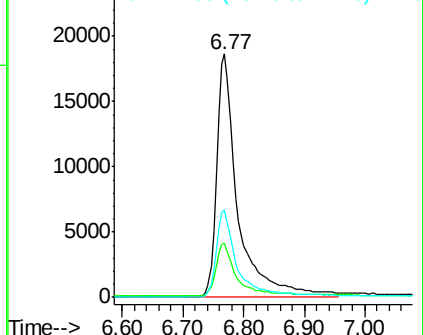
99 100

42 21.6 18.2 27.4

71 35.2 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE090487.D

Acq: 13 Aug 2015 3:10

Tgt Ion: 136 Resp: 83782

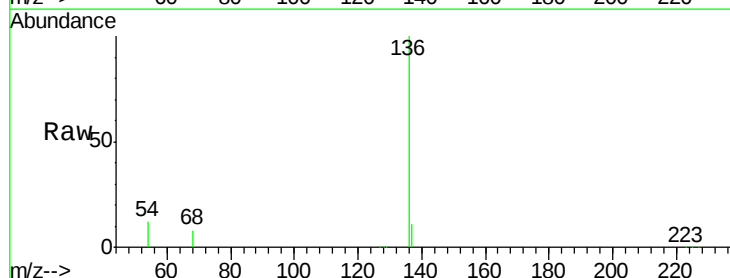
Ion Ratio Lower Upper

136 100

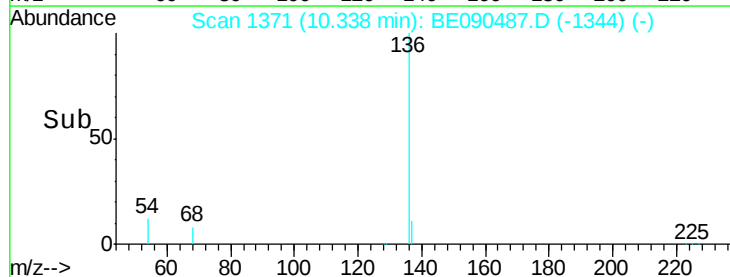
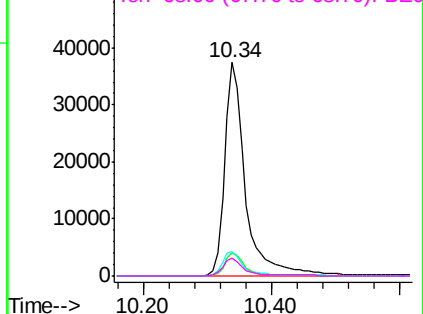
137 11.0 8.7 13.1

54 11.7 9.4 14.0

68 8.3 6.5 9.7



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): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 2.99 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090487.D

Acq: 13 Aug 2015 3:10

Instrument :

BNA_E

ClientSampleId :

PB84984BL

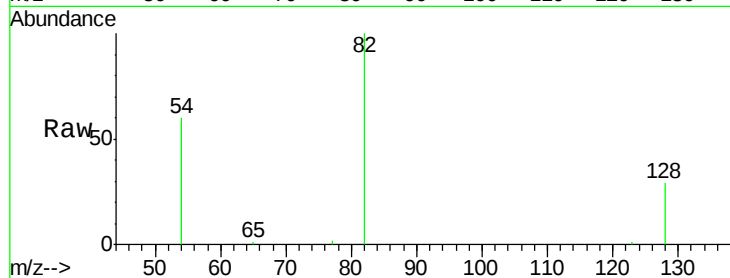
Tgt Ion: 82 Resp: 19853

Ion Ratio Lower Upper

82 100

128 29.4 25.0 37.6

54 59.6 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE090487.D (-1050) (-)

Ion 128.00 (127.70 to 128.70): BE090487.D (-1050) (-)

Ion 54.00 (53.70 to 54.70): BE090487.D (-1050) (-)

8.73

6000

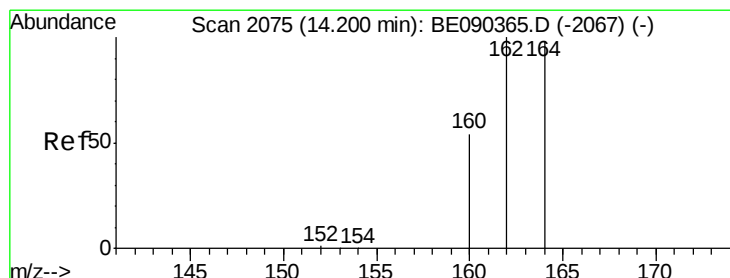
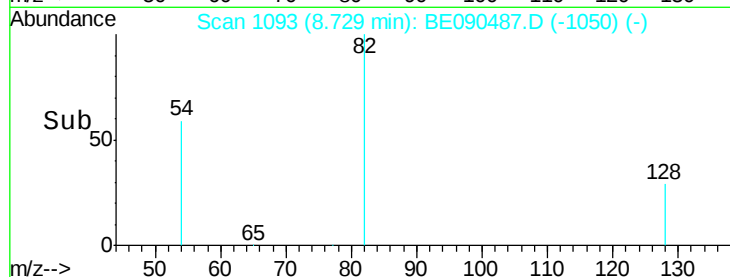
4000

2000

0

8.60 8.70 8.80 8.90

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090487.D

Acq: 13 Aug 2015 3:10

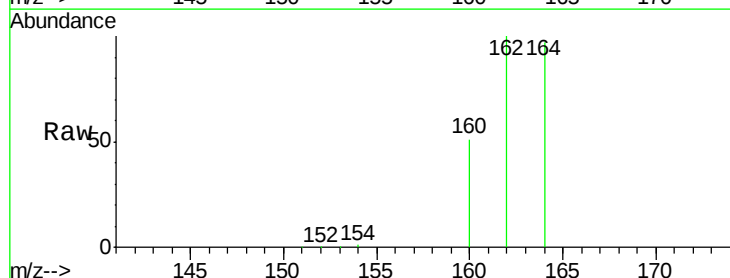
Tgt Ion: 164 Resp: 48860

Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.8

160 52.6 44.2 66.4



Abundance Ion 164.00 (163.70 to 164.70): BE090487.D (-2044) (-)

Ion 162.00 (161.70 to 162.70): BE090487.D (-2044) (-)

Ion 160.00 (159.70 to 160.70): BE090487.D (-2044) (-)

14.20

30000

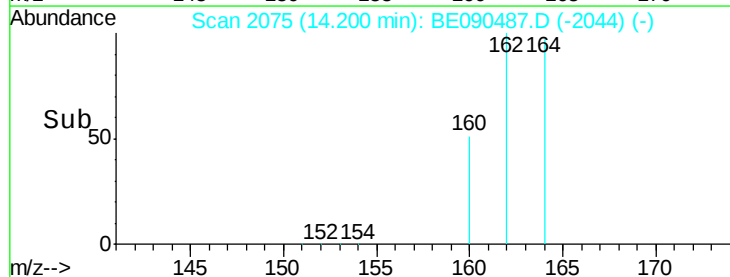
20000

10000

0

14.20 14.40

Time-->

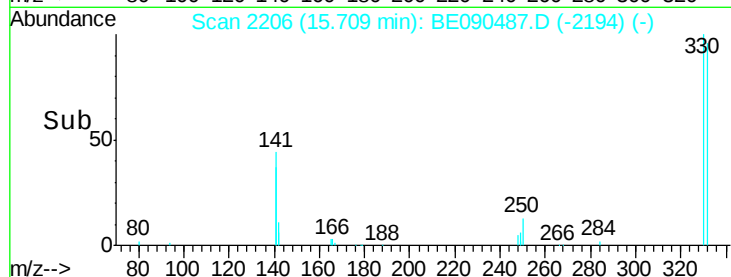
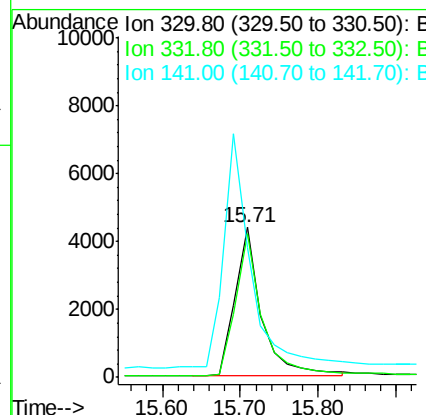
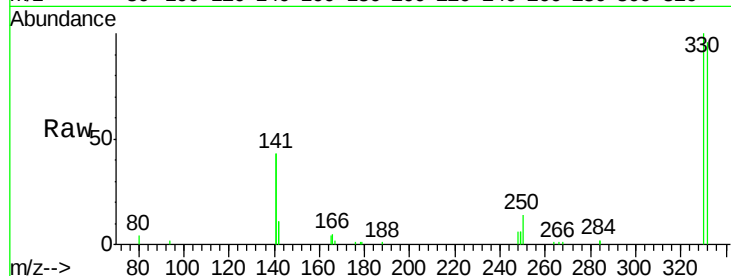




#13
 2,4,6-Tribromophenol
 Concen: 7.24 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090487.D
 Acq: 13 Aug 2015 3:10

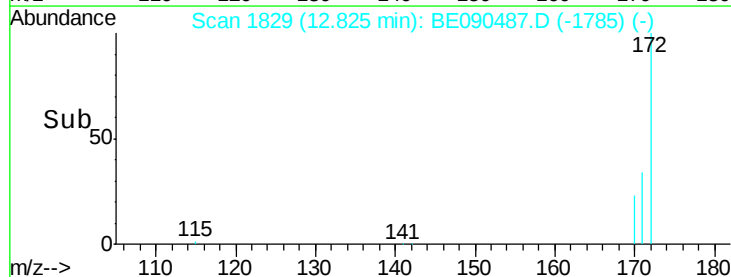
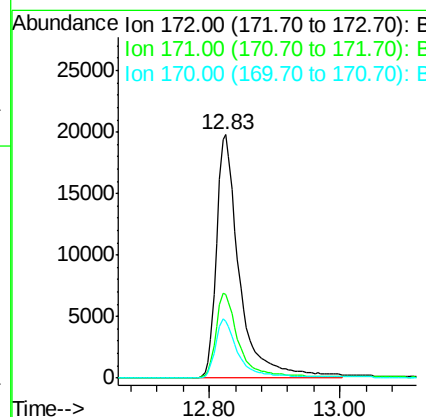
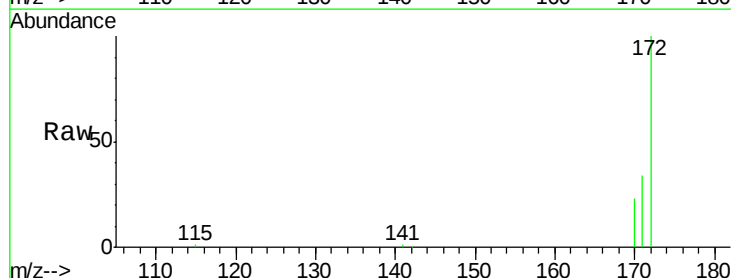
Instrument :
 BNA_E
 ClientSampleId :
 PB84984BL

Tgt Ion:330 Resp: 10336
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.8 113.6
 141 160.8 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.57 ng
 RT: 12.83 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE090487.D
 Acq: 13 Aug 2015 3:10

Tgt Ion:172 Resp: 47918
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 23.3 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090487.D

Acq: 13 Aug 2015 3:10

Instrument :

BNA_E

ClientSampleId :

PB84984BL

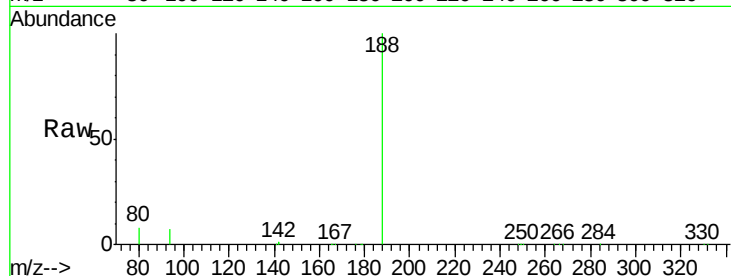
Tgt Ion:188 Resp: 117265

Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

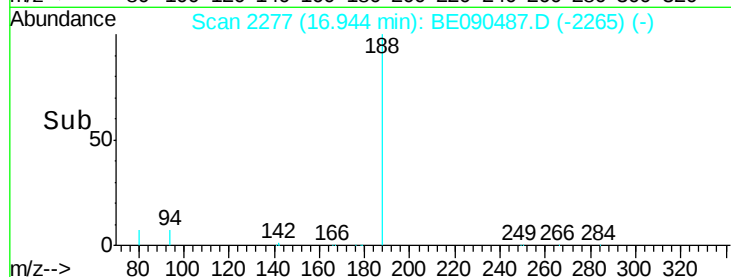
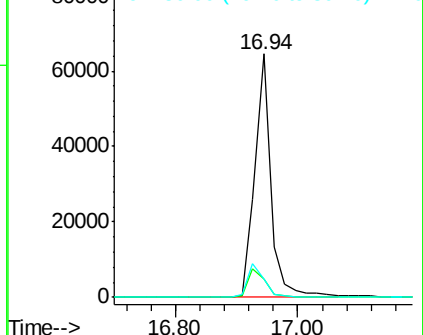
80 7.5 5.8 8.8



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# 2864

Delta R.T. -0.01 min

Lab File: BE090487.D

Acq: 13 Aug 2015 3:10

Tgt Ion:240 Resp: 127920

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

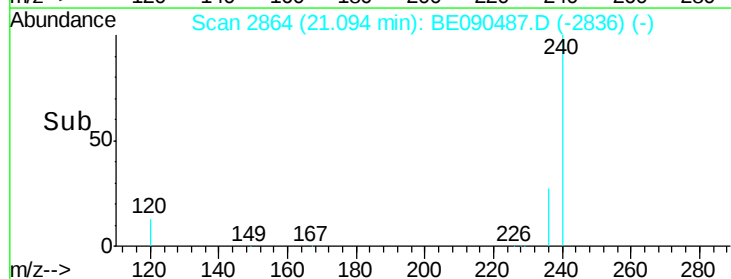
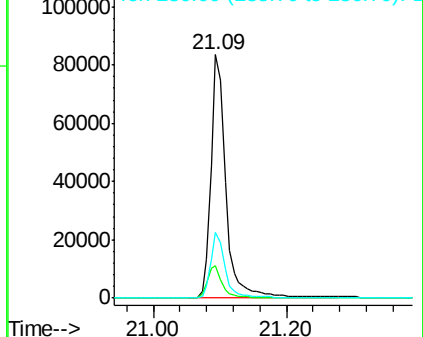
236 27.0 21.0 31.4

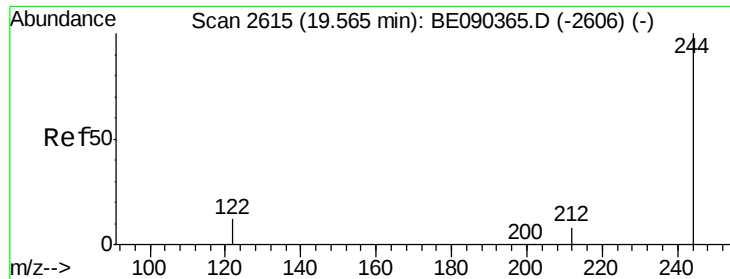


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

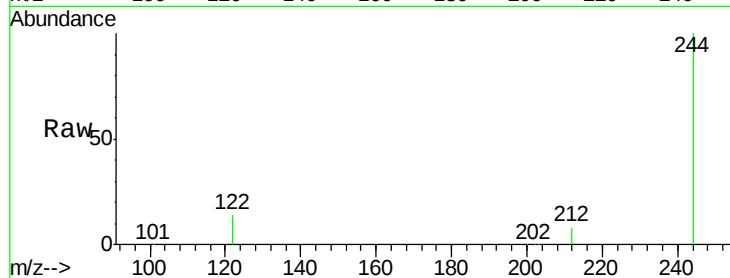




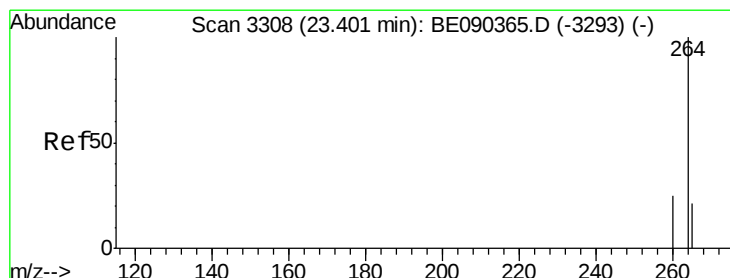
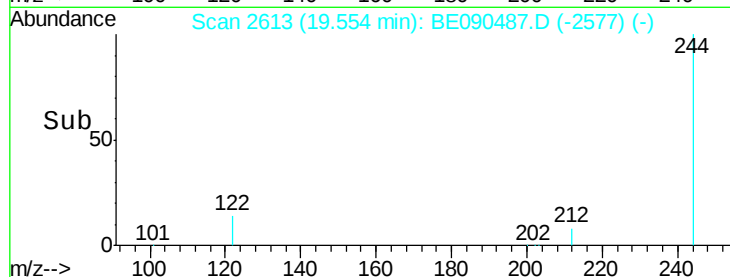
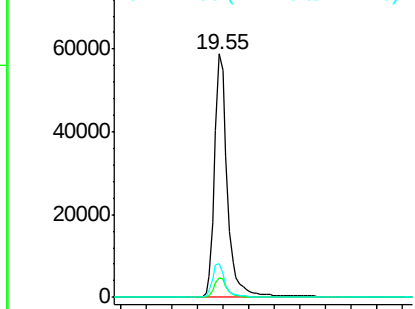
#27
 Terphenyl-d14
 Concen: 4.39 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090487.D
 Acq: 13 Aug 2015 3:10

Instrument :
 BNA_E
 ClientSampleId :
 PB84984BL

Tgt Ion: 244 Resp: 82806
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 14.0 10.2 15.4

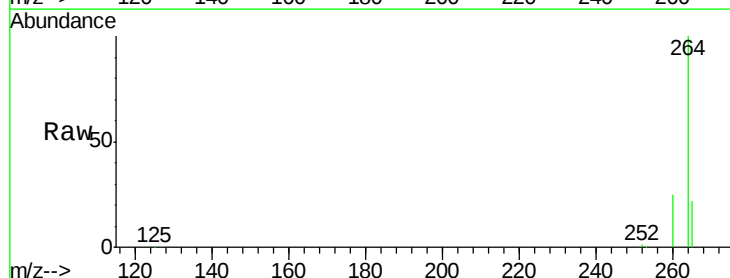


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090487.D
 Acq: 13 Aug 2015 3:10

Tgt Ion: 264 Resp: 111449
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 21.8 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

