

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081715\
 Data File : BE090533.D
 Acq On : 17 Aug 2015 15:09
 Operator : UM/IZ
 Sample : PB85049BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85049BL

Quant Time: Aug 18 04:52:10 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20091	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	95628	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	55069	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	129032	5.00	ng	0.00
25) Chrysene-d12	21.09	240	144755	5.00	ng	0.00
32) Perylene-d12	23.40	264	136892	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	37527	6.46	ng	0.00
5) Phenol-d6	6.77	99	53387	6.25	ng	0.00
7) Nitrobenzene-d5	8.72	82	24938	3.27	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	17366	8.19	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	50032	3.04	ng	0.00
27) Terphenyl-d14	19.55	244	86391	3.26	ng	0.00

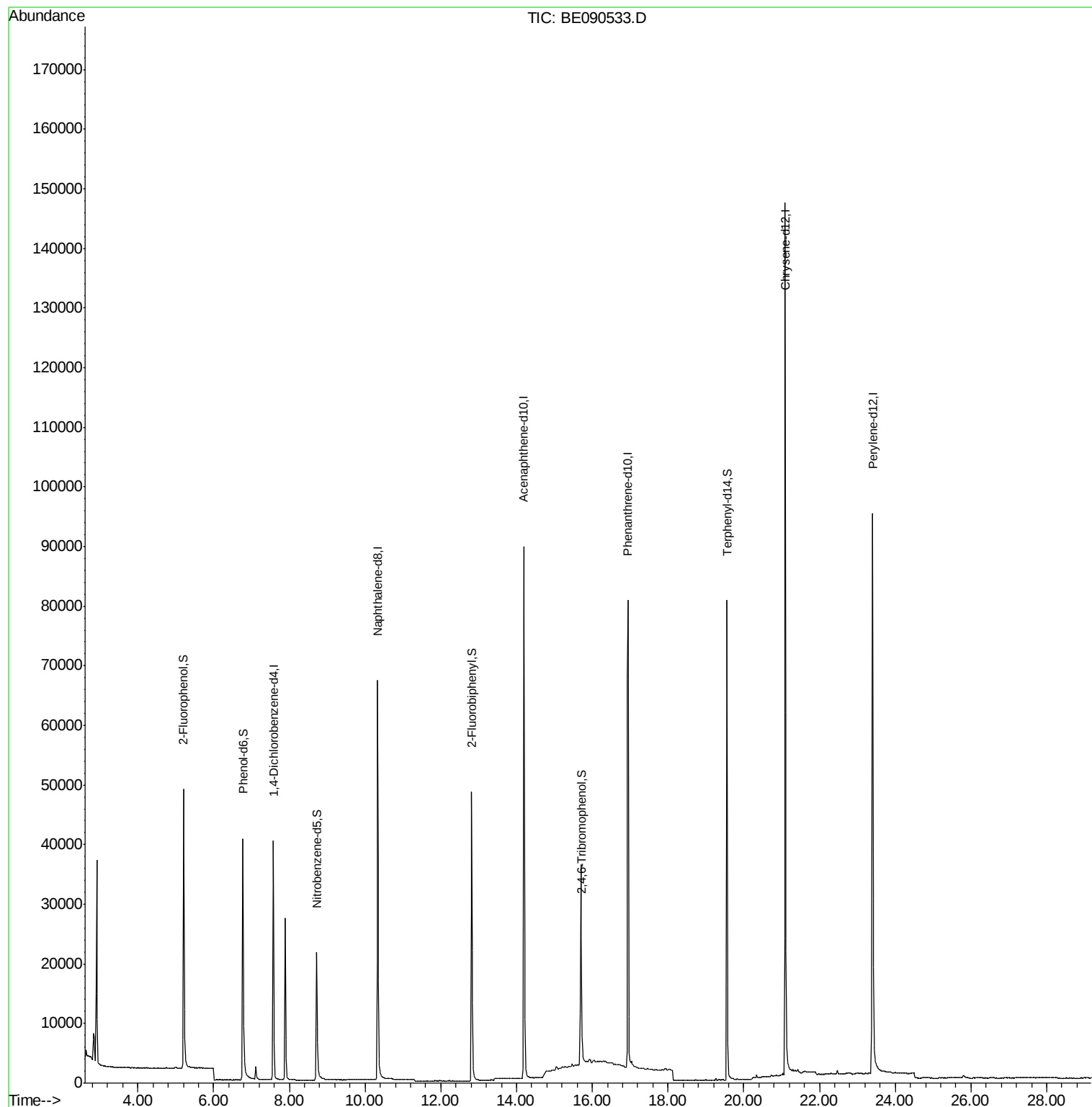
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.01 min

Lab File: BE090533.D

Acq: 17 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

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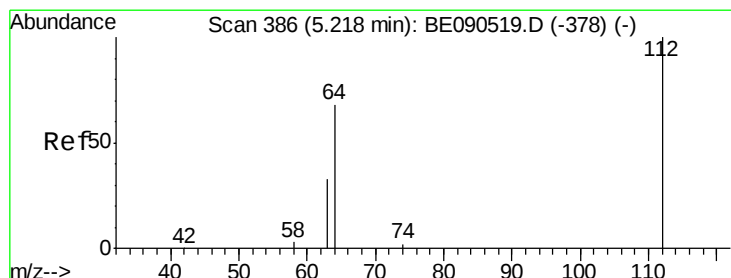
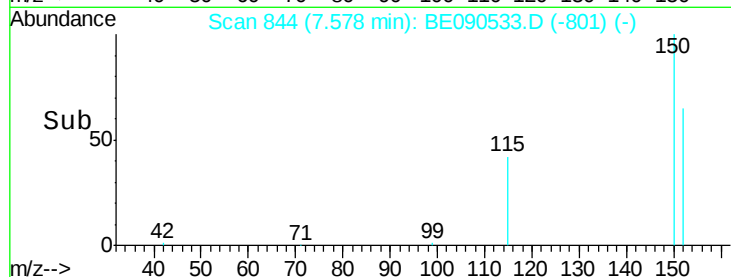
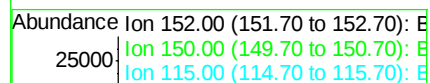
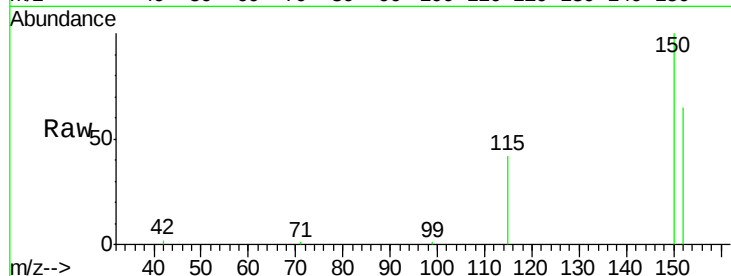
Tgt Ion:152 Resp: 20091

Ion Ratio Lower Upper

152 100

150 154.4 123.0 184.4

115 65.4 48.9 73.3



#4

2-Fluorophenol

Concen: 6.46 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090533.D

Acq: 17 Aug 2015 15:09

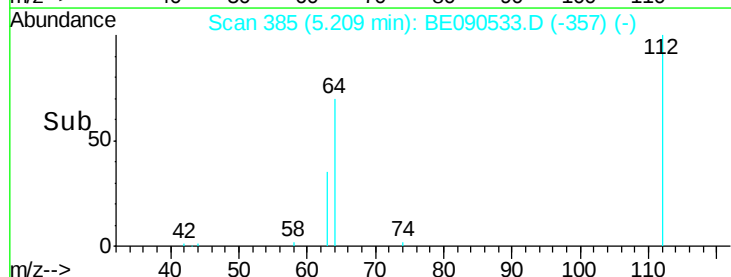
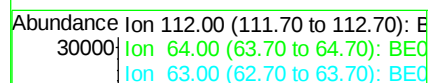
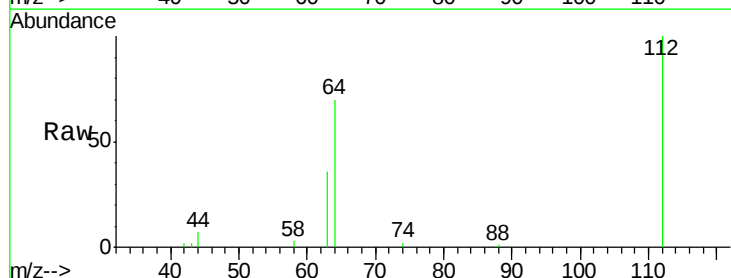
Tgt Ion:112 Resp: 37527

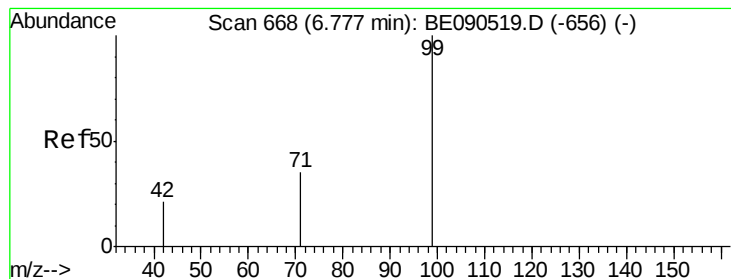
Ion Ratio Lower Upper

112 100

64 71.0 37.1 55.7#

63 36.1 19.5 29.3#





#5

Phenol-d6

Concen: 6.25 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090533.D

Acq: 17 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

PB85049BL

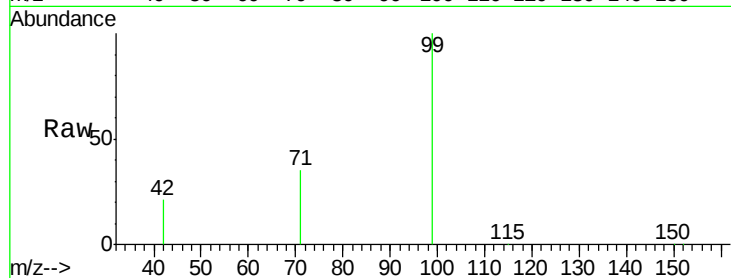
Tgt Ion: 99 Resp: 53387

Ion Ratio Lower Upper

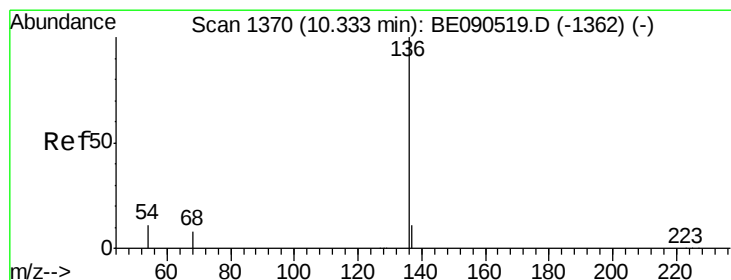
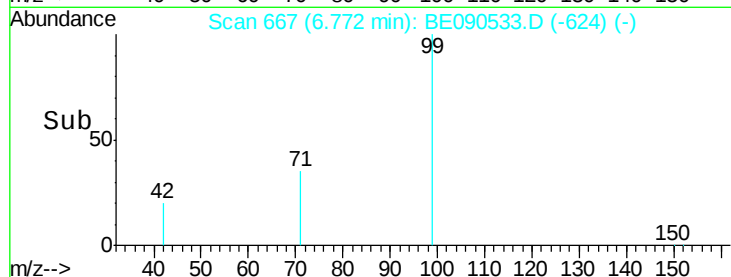
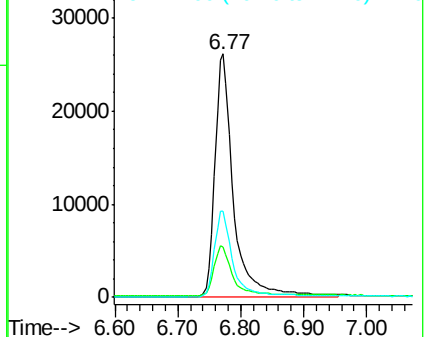
99 100

42 20.5 18.2 27.4

71 35.5 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: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090533.D

Acq: 17 Aug 2015 15:09

Tgt Ion: 136 Resp: 95628

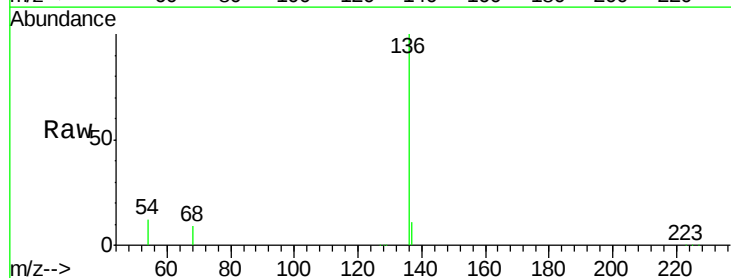
Ion Ratio Lower Upper

136 100

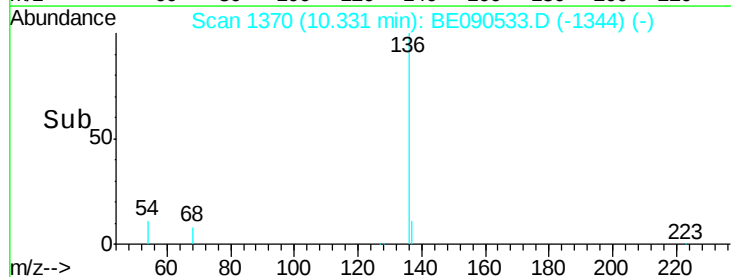
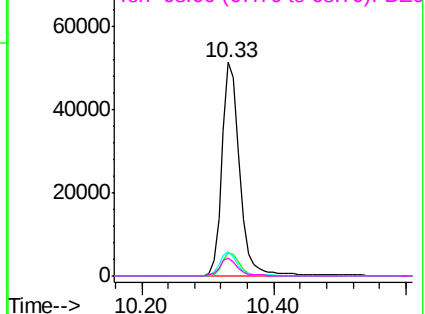
137 10.9 8.7 13.1

54 11.6 9.4 14.0

68 8.6 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: 3.27 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090533.D

Acq: 17 Aug 2015 15:09

Instrument :

BNA_E

ClientSampled :

PB85049BL

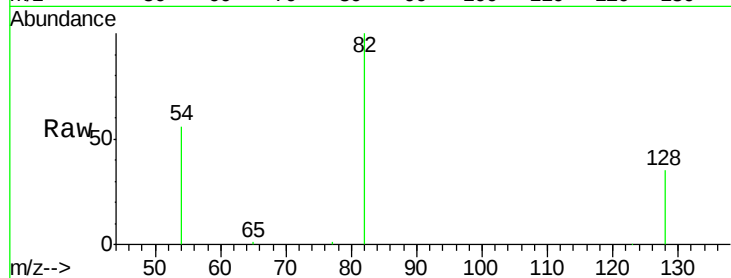
Tgt Ion: 82 Resp: 24938

Ion Ratio Lower Upper

82 100

128 34.5 25.0 37.6

54 55.9 48.8 73.2

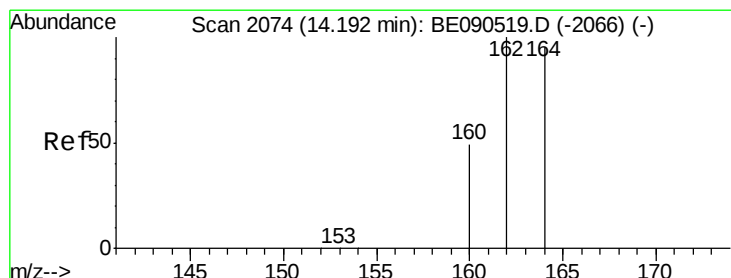
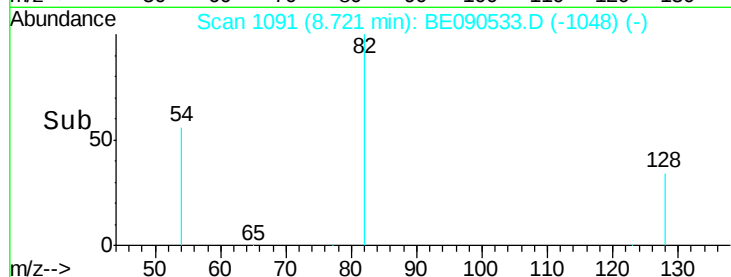


Abundance Ion 82.00 (81.70 to 82.70): BE090519.D (-1082) (-)

Ion 128.00 (127.70 to 128.70): BE090519.D (-1082) (-)

Ion 54.00 (53.70 to 54.70): BE090519.D (-1082) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090533.D

Acq: 17 Aug 2015 15:09

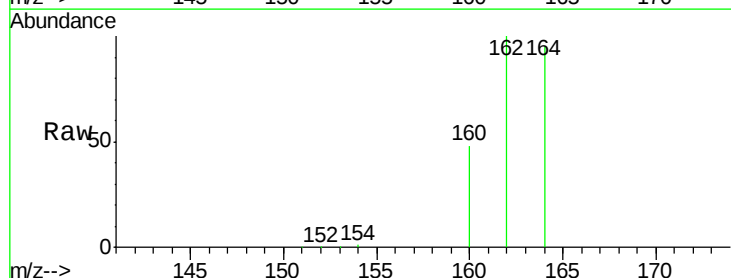
Tgt Ion: 164 Resp: 55069

Ion Ratio Lower Upper

164 100

162 105.0 81.8 122.8

160 50.5 44.2 66.4

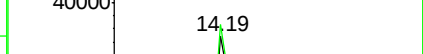
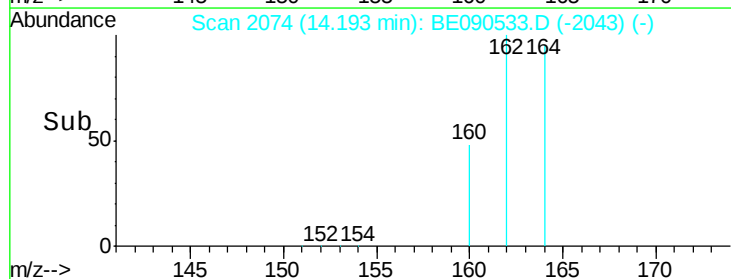


Abundance Ion 164.00 (163.70 to 164.70): BE090519.D (-2066) (-)

Ion 162.00 (161.70 to 162.70): BE090519.D (-2066) (-)

Ion 160.00 (159.70 to 160.70): BE090519.D (-2066) (-)

Time-->

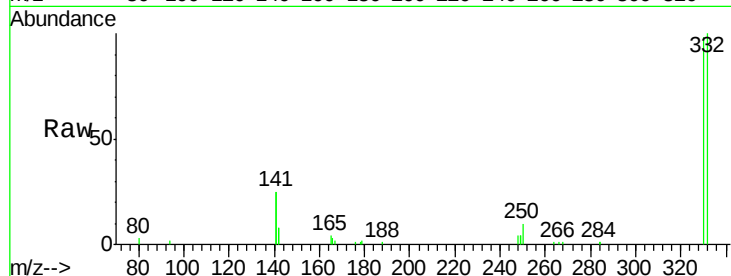




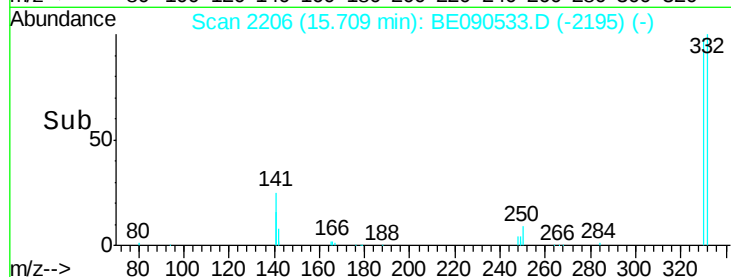
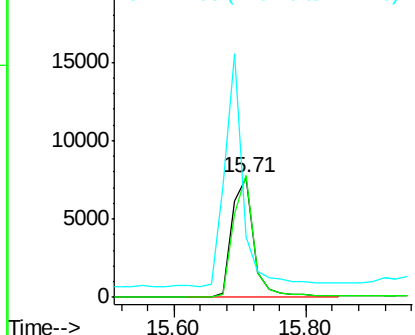
#13
 2,4,6-Tribromophenol
 Concen: 8.19 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE090533.D
 Acq: 17 Aug 2015 15:09

Instrument :
 BNA_E
 ClientSampleId :
 PB85049BL

Tgt Ion:330 Resp: 17366
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.8 113.6
 141 170.2 114.4 171.6

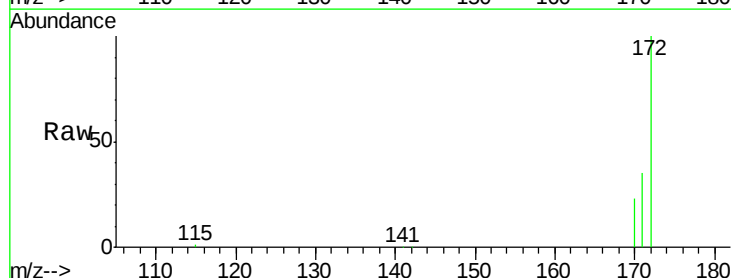


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

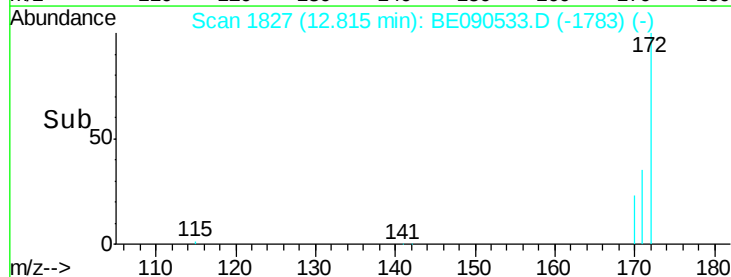
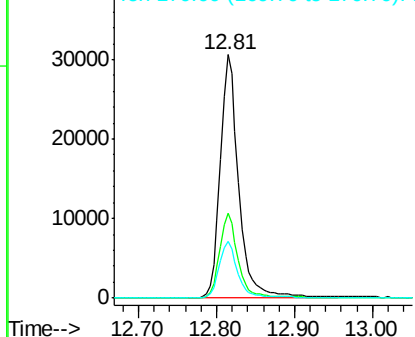


#14
 2-Fluorobiphenyl
 Concen: 3.04 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090533.D
 Acq: 17 Aug 2015 15:09

Tgt Ion:172 Resp: 50032
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.2 19.8 29.8



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090533.D

Acq: 17 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

PB85049BL

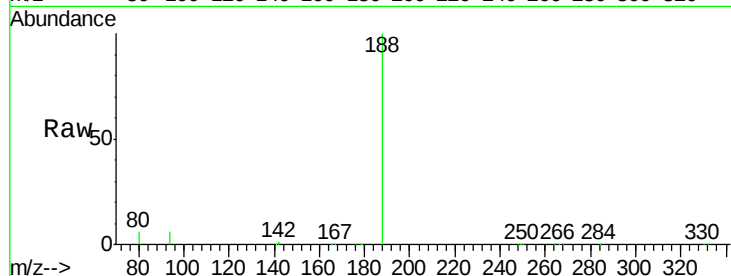
Tgt Ion:188 Resp: 129032

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

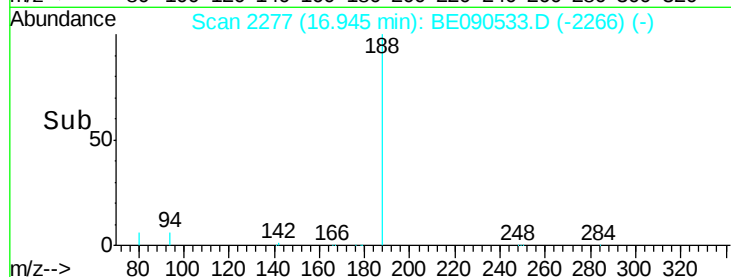
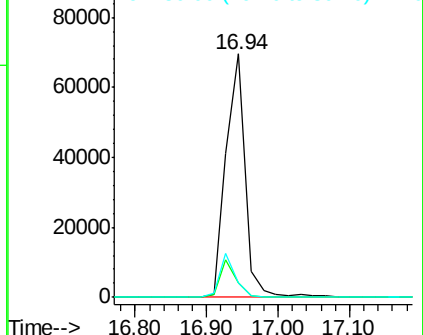
80 6.1 5.8 8.8



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# 2864

Delta R.T. 0.00 min

Lab File: BE090533.D

Acq: 17 Aug 2015 15:09

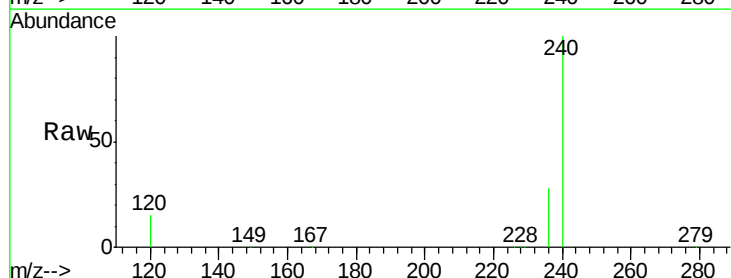
Tgt Ion:240 Resp: 144755

Ion Ratio Lower Upper

240 100

120 15.0 8.3 12.5#

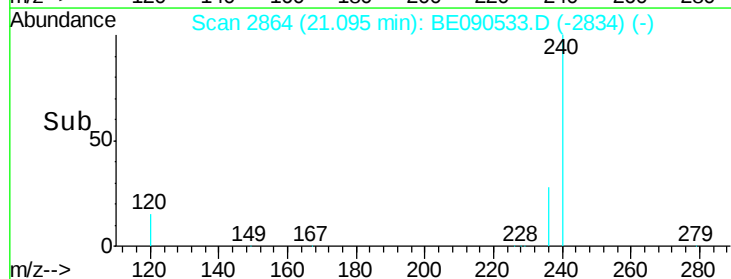
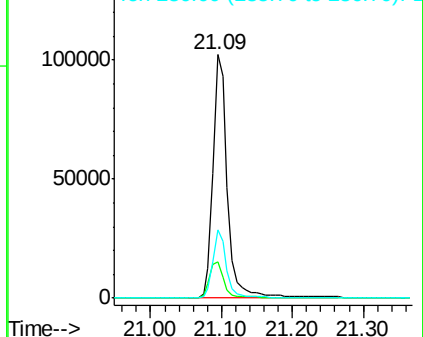
236 27.8 21.0 31.4



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

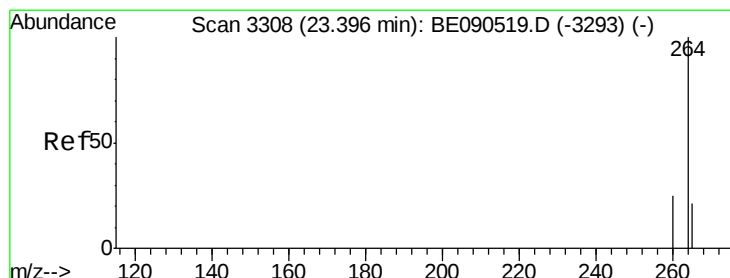
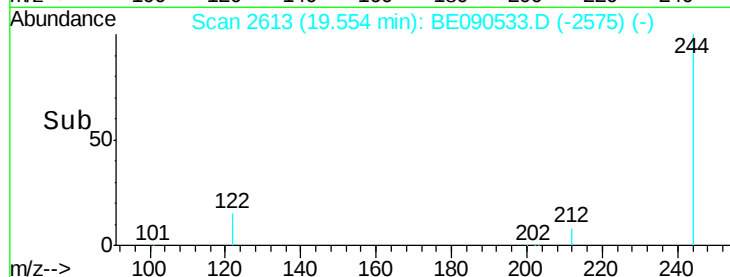
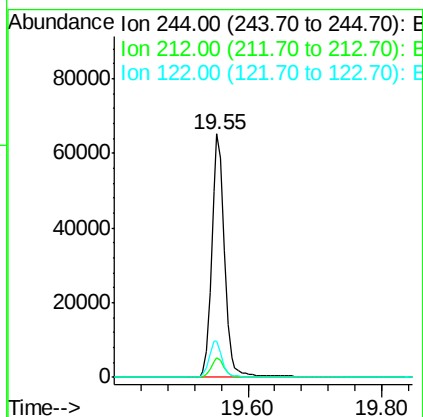
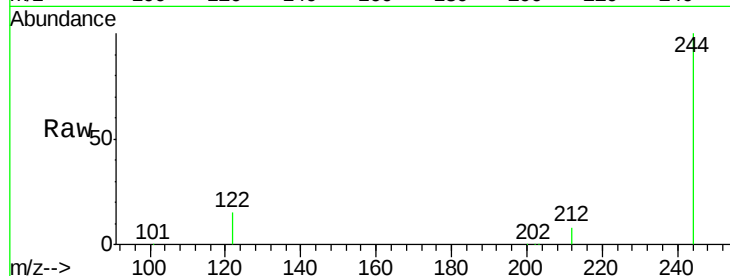




#27
 Terphenyl-d14
 Concen: 3.26 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090533.D
 Acq: 17 Aug 2015 15:09

Instrument :
 BNA_E
 ClientSampleId :
 PB85049BL

Tgt Ion:244 Resp: 86391
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 15.0 10.2 15.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. 0.01 min
 Lab File: BE090533.D
 Acq: 17 Aug 2015 15:09

Tgt Ion:264 Resp: 136892
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 21.8 17.2 25.8

