

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
 Data File : BE090685.D
 Acq On : 2 Sep 2015 2:35
 Operator : UM/IZ
 Sample : PB85319BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85319BL

Quant Time: Sep 02 05:04:17 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 01:57:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	44123	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	187509	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	95283	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	243022	5.00	ng	0.00
25) Chrysene-d12	21.07	240	293172	5.00	ng	0.00
32) Perylene-d12	23.36	264	268530	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	76226	8.86	ng	0.00
5) Phenol-d6	6.75	99	100837	8.21	ng	0.00
7) Nitrobenzene-d5	8.71	82	45521	3.67	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	20493	7.34	ng	0.02
14) 2-Fluorobiphenyl	12.81	172	91745	3.48	ng	0.00
27) Terphenyl-d14	19.53	244	166985	5.15	ng	0.00

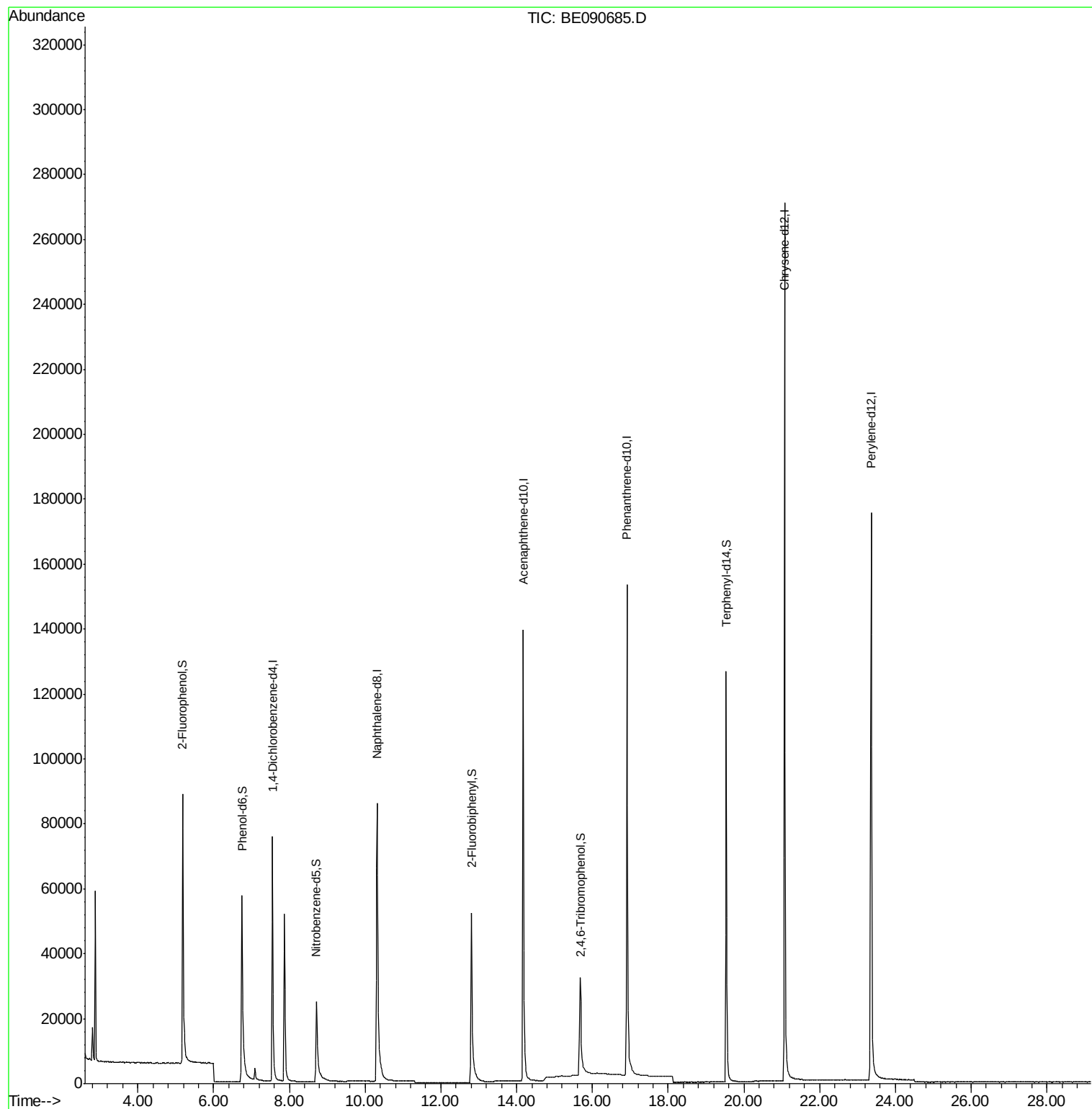
Target Compounds	Qvalue
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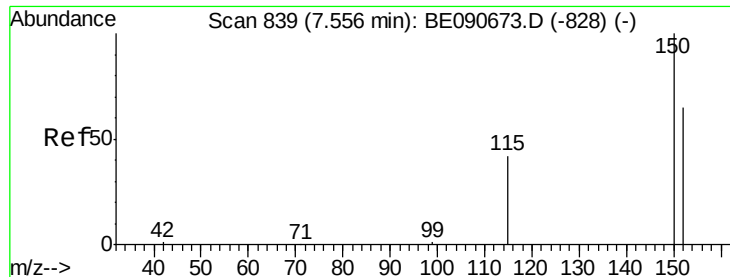
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

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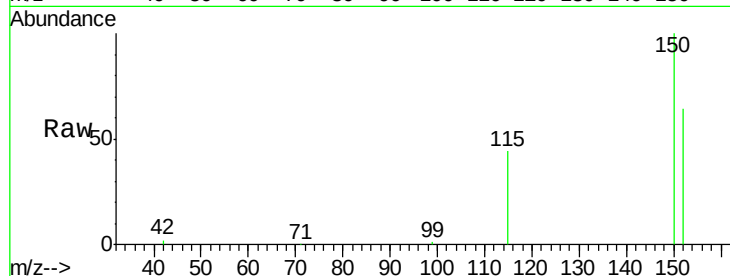
Tgt Ion:152 Resp: 44123

Ion Ratio Lower Upper

152 100

150 156.1 122.2 183.4

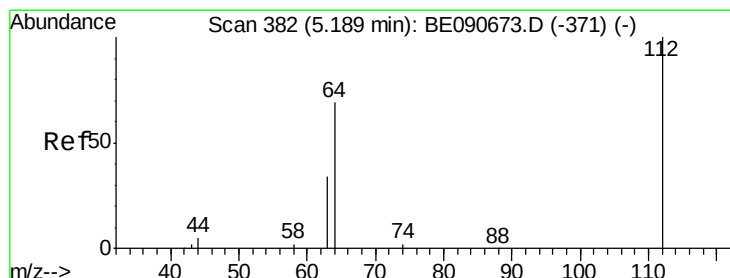
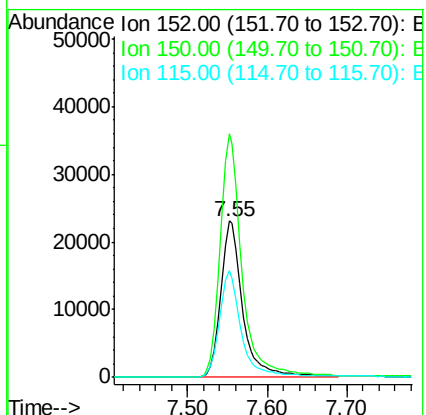
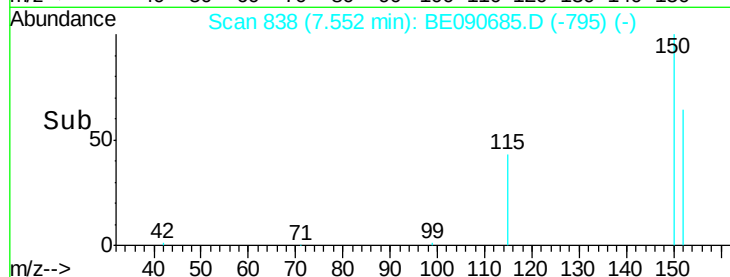
115 68.0 51.0 76.4



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: 8.86 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

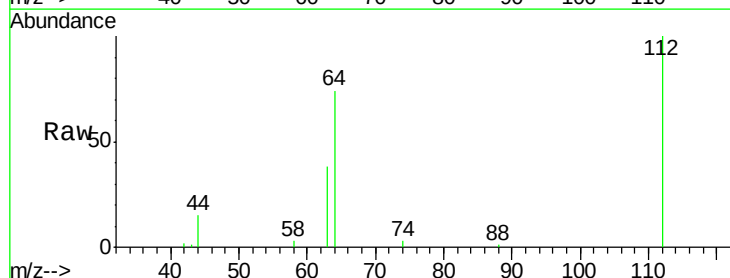
Tgt Ion:112 Resp: 76226

Ion Ratio Lower Upper

112 100

64 71.5 57.3 85.9

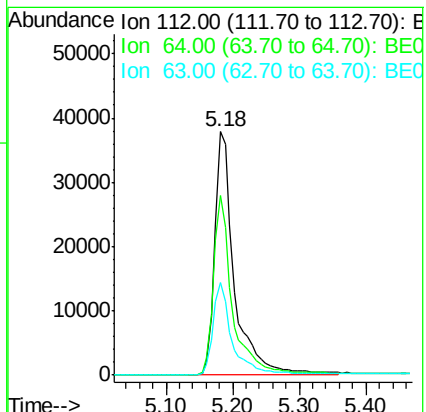
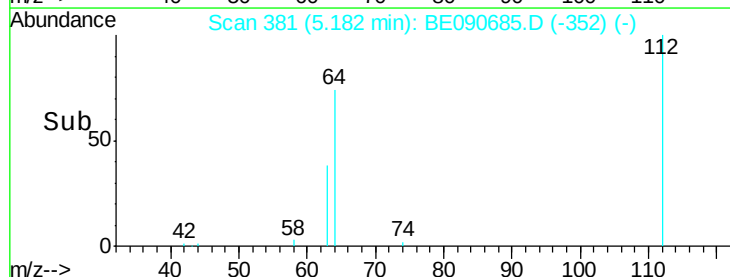
63 36.9 29.2 43.8

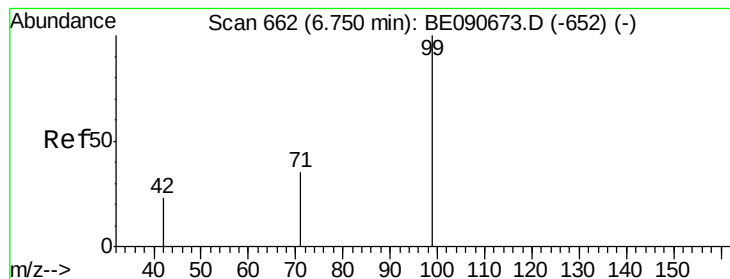


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.21 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

PB85319BL

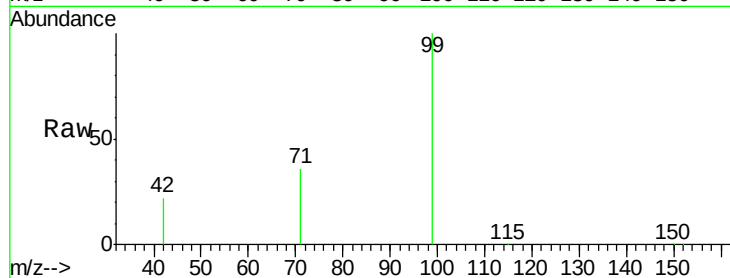
Tgt Ion: 99 Resp: 100837

Ion Ratio Lower Upper

99 100

42 21.6 16.8 25.2

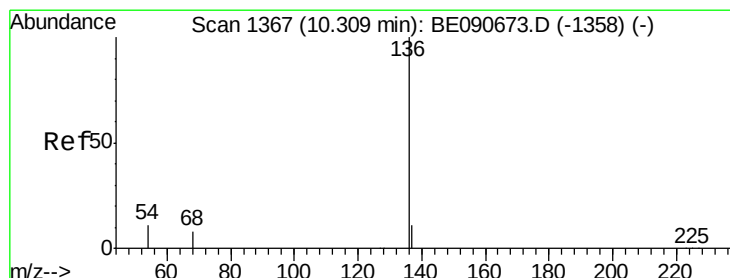
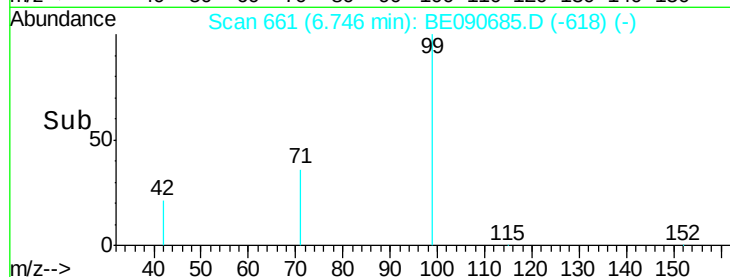
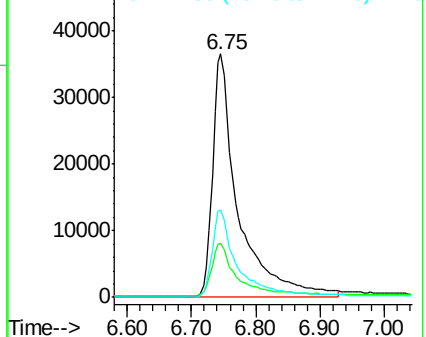
71 35.8 28.3 42.5



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: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Tgt Ion: 136 Resp: 187509

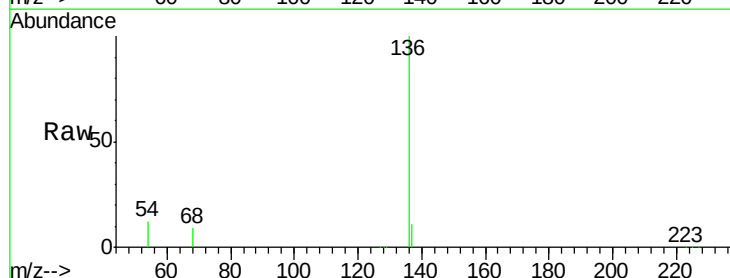
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 12.1 9.0 13.6

68 8.8 6.3 9.5

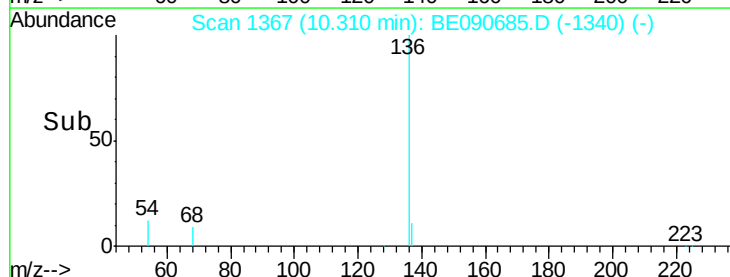
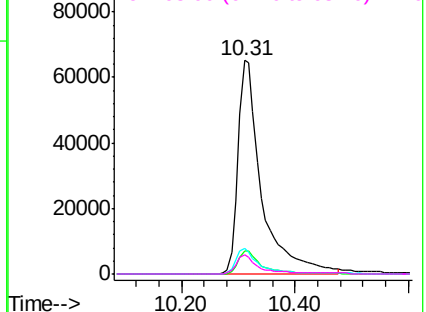


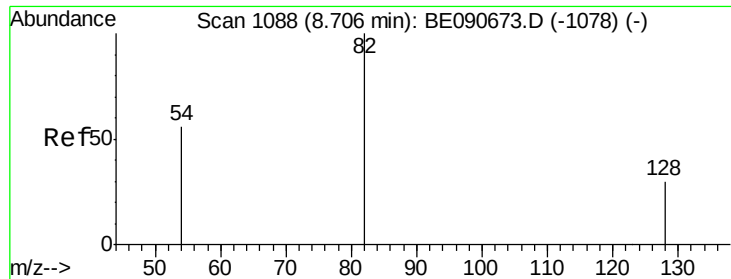
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.67 ng

RT: 8.71 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

PB85319BL

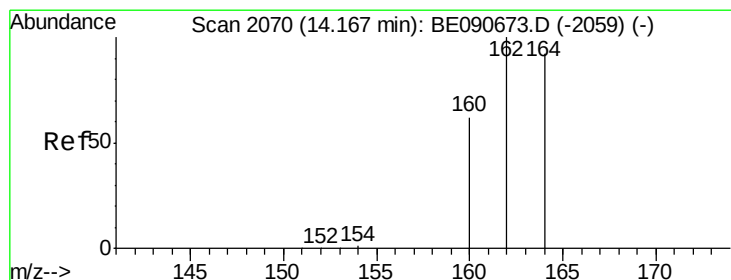
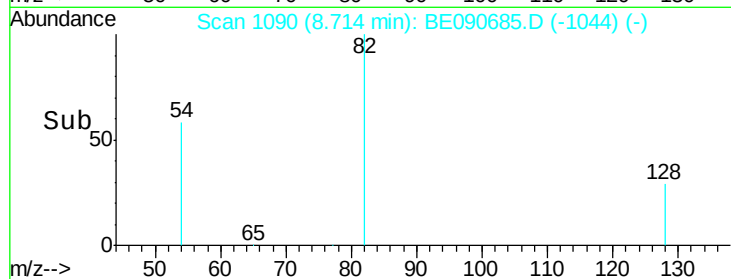
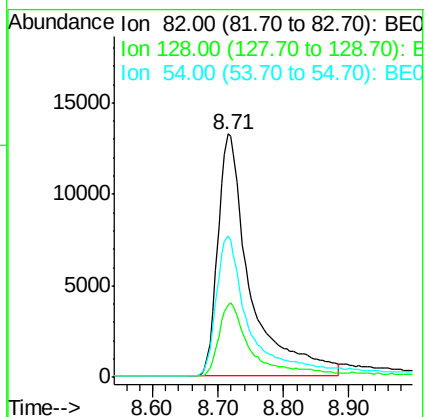
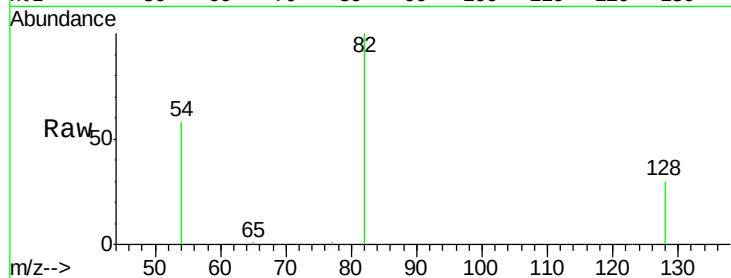
Tgt Ion: 82 Resp: 45521

Ion Ratio Lower Upper

82 100

128 29.7 25.0 37.4

54 58.1 46.3 69.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

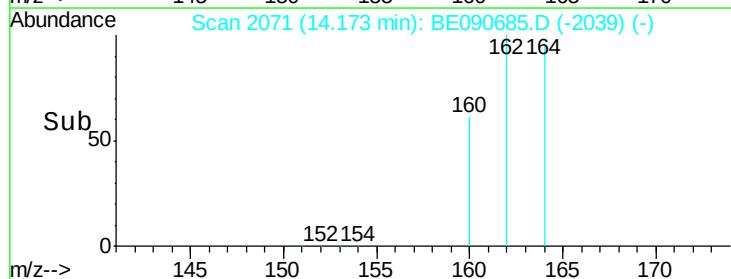
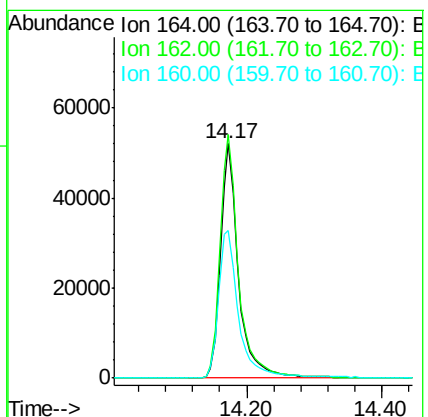
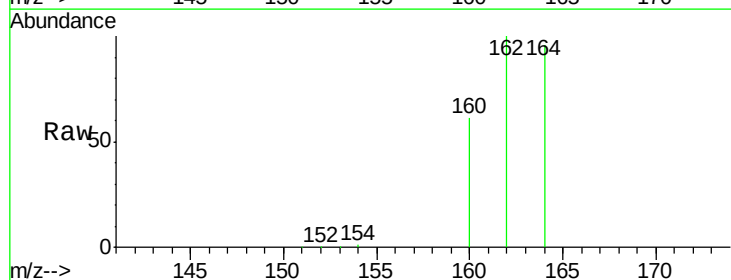
Tgt Ion: 164 Resp: 95283

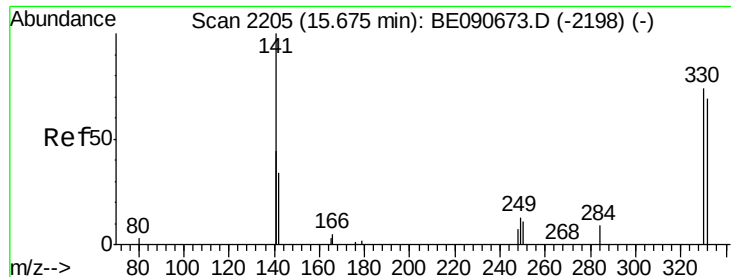
Ion Ratio Lower Upper

164 100

162 104.0 86.8 130.2

160 63.2 53.9 80.9

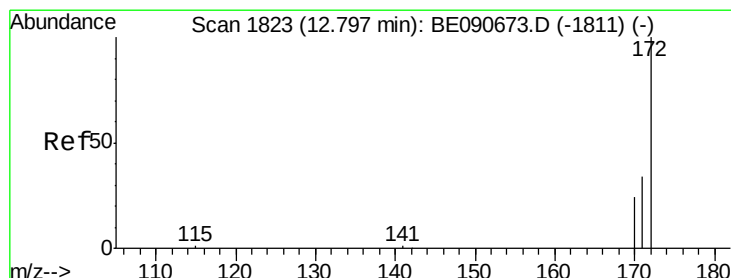
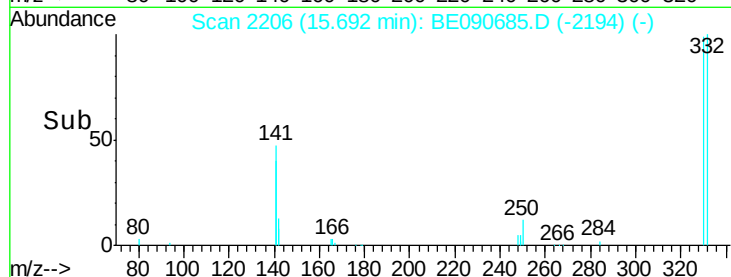
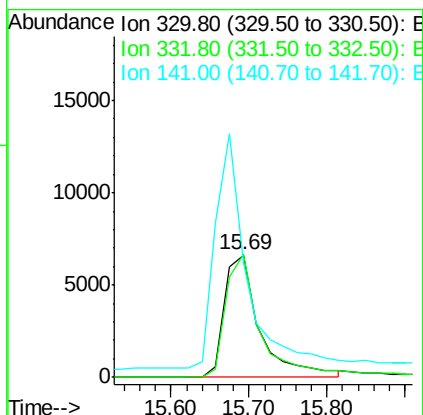
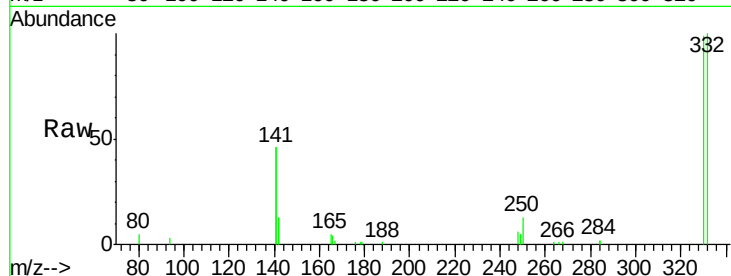




#13
 2,4,6-Tribromophenol
 Concen: 7.34 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. 0.02 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

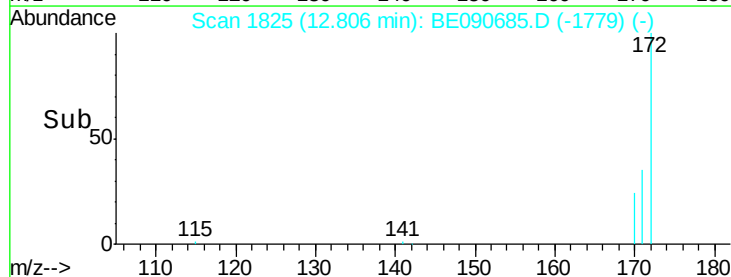
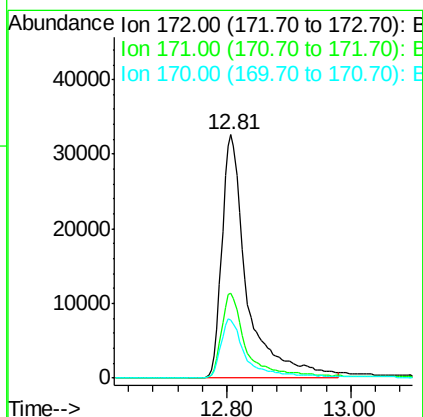
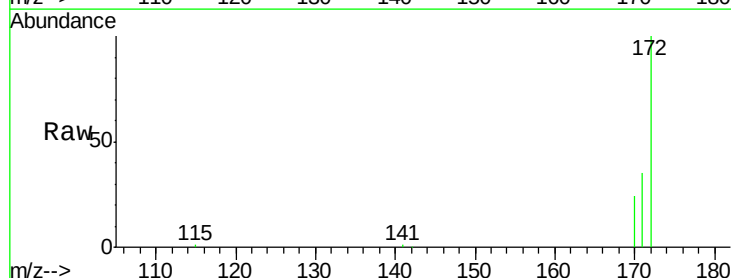
Instrument :
 BNA_E
 ClientSampleId :
 PB85319BL

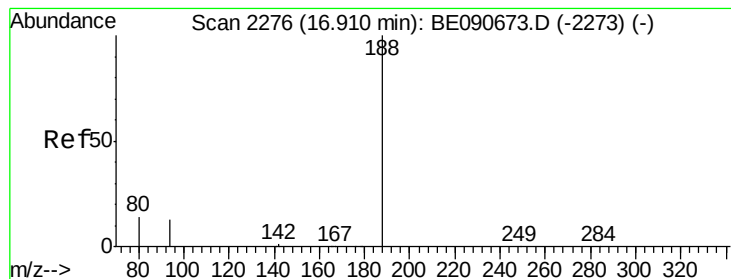
Tgt Ion:330 Resp: 20493
 Ion Ratio Lower Upper
 330 100
 332 96.5 74.9 112.3
 141 177.4 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.48 ng
 RT: 12.81 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

Tgt Ion:172 Resp: 91745
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.8
 170 24.1 19.8 29.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

Instrument :

BNA_E

ClientSampleId :

PB85319BL

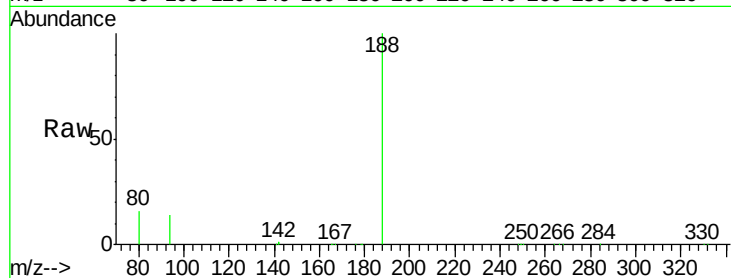
Tgt Ion:188 Resp: 243022

Ion Ratio Lower Upper

188 100

94 14.4 10.3 15.5

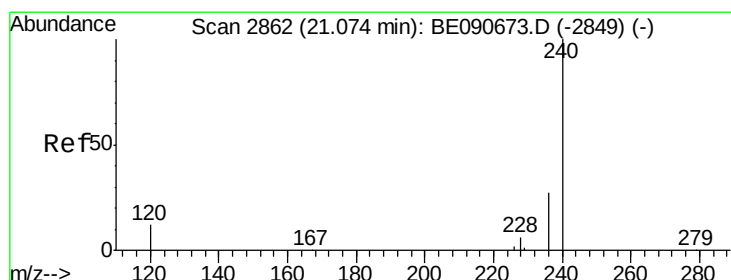
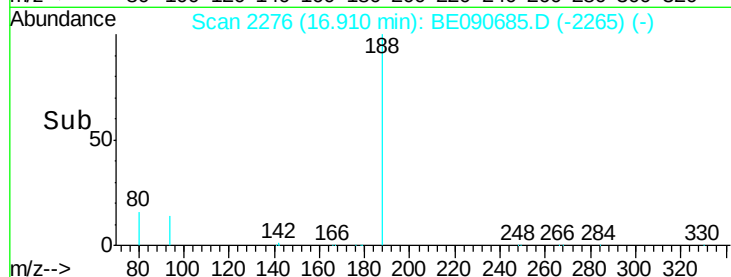
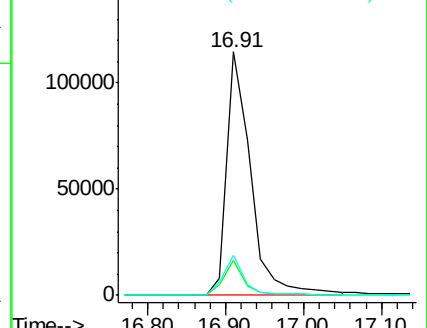
80 16.2 11.0 16.6



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: 21.07 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE090685.D

Acq: 2 Sep 2015 2:35

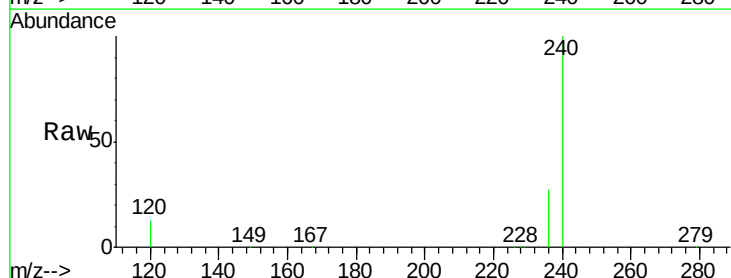
Tgt Ion:240 Resp: 293172

Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

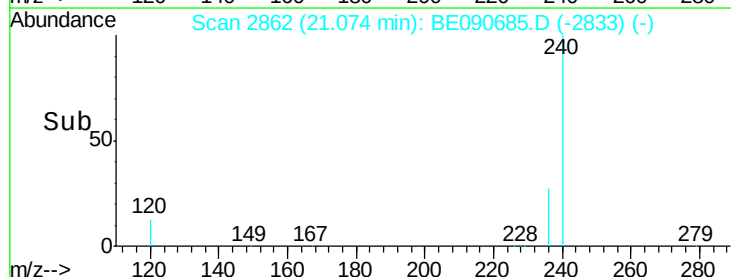
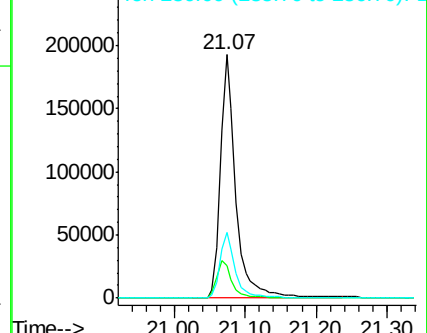
236 26.8 21.9 32.9

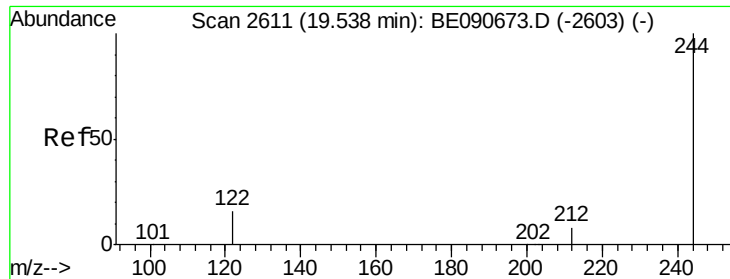


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

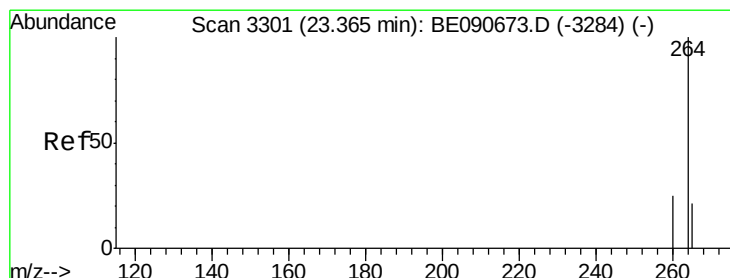
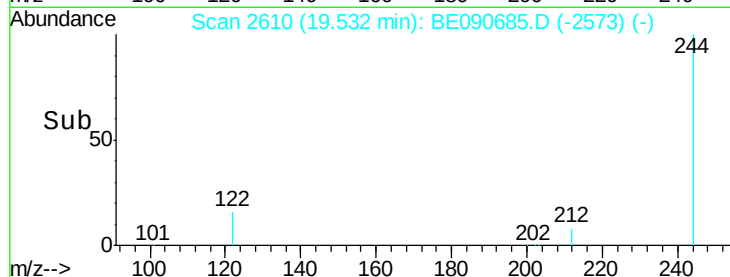
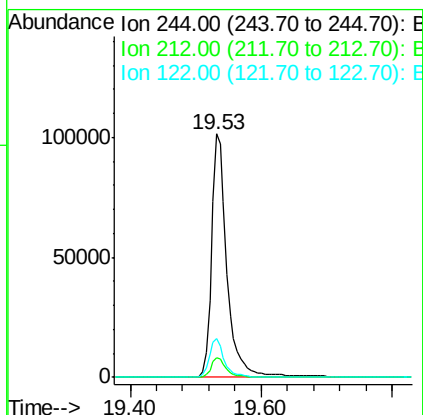
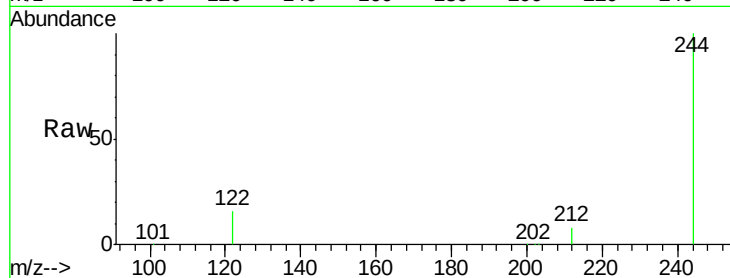




#27
 Terphenyl-d14
 Concen: 5.15 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion: 244 Resp: 166985
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 15.8 12.9 19.3



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3300
 Delta R.T. -0.00 min
 Lab File: BE090685.D
 Acq: 2 Sep 2015 2:35

Tgt Ion: 264 Resp: 268530
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 22.3 17.5 26.3

