

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092115\
 Data File : BE090918.D
 Acq On : 21 Sep 2015 14:59
 Operator : UM/IZ
 Sample : PB85661BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85661BL

Quant Time: Sep 22 02:24:16 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	27993	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	113150	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	61002	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	152776	5.00	ng	0.00
26) Chrysene-d12	21.07	240	202715	5.00	ng	0.00
33) Perylene-d12	23.36	264	183289	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	47006	7.49	ng	0.00
5) Phenol-d6	6.74	99	56939	6.52	ng	-0.01
8) Nitrobenzene-d5	8.72	82	26933	3.45	ng	0.01
14) 2,4,6-Tribromophenol	15.69	330	10656	4.95	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	62250	3.60	ng	0.02
28) Terphenyl-d14	19.53	244	109022	4.75	ng	0.00

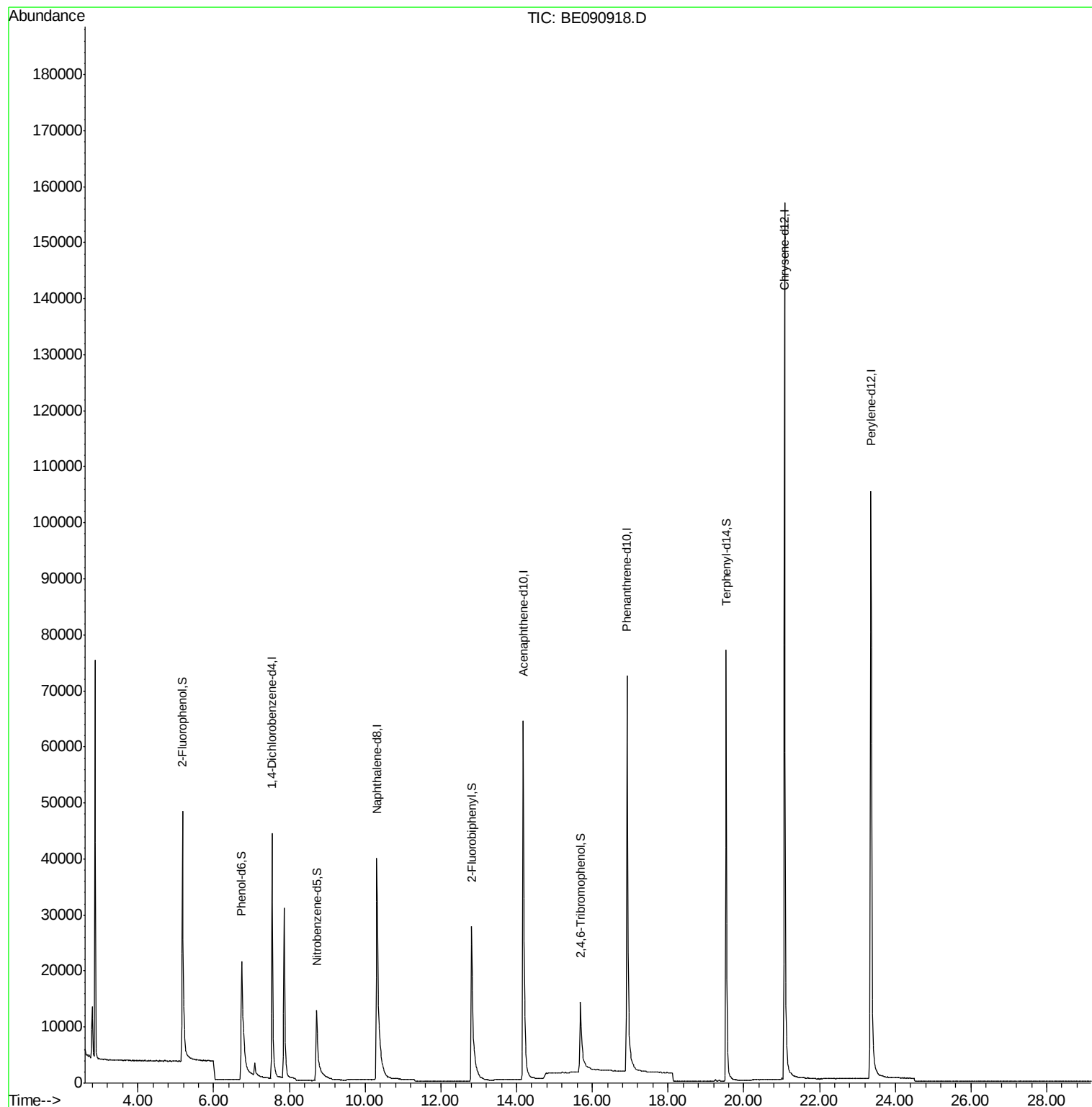
Target Compounds	Qvalue
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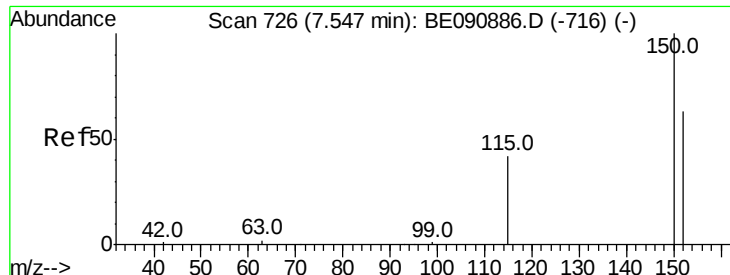
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. 0.00 min

Lab File: BE090918.D

Acq: 21 Sep 2015 14:59

Instrument :

BNA_E

ClientSampleId :

PB85661BL

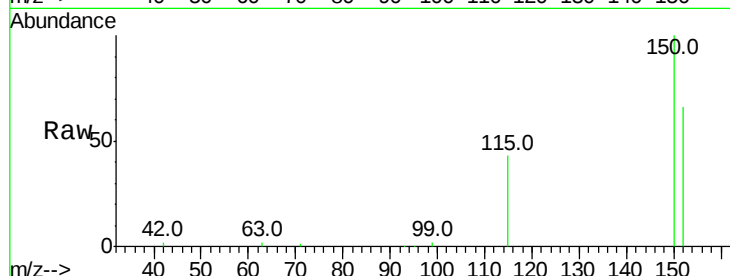
Tgt Ion:152 Resp: 27993

Ion Ratio Lower Upper

152 100

150 151.5 122.2 183.4

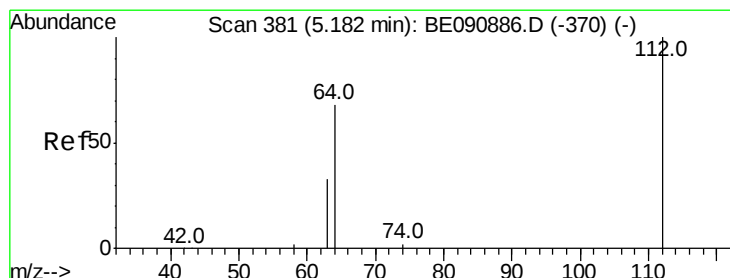
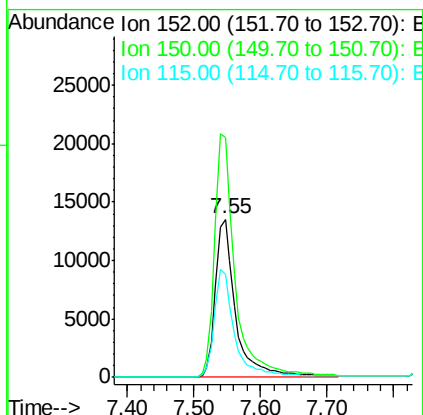
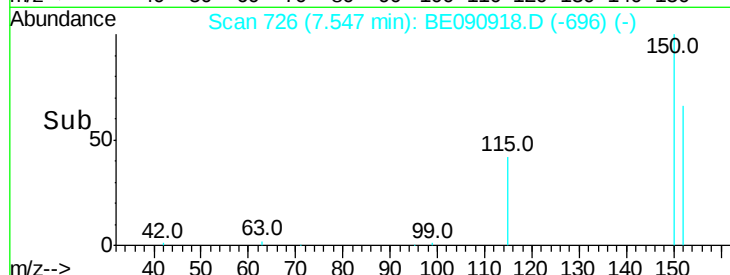
115 64.6 51.0 76.4



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: 7.49 ng

RT: 5.18 min Scan# 380

Delta R.T. -0.01 min

Lab File: BE090918.D

Acq: 21 Sep 2015 14:59

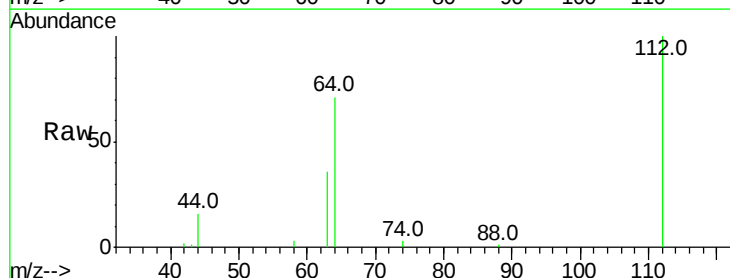
Tgt Ion:112 Resp: 47006

Ion Ratio Lower Upper

112 100

64 72.3 57.3 85.9

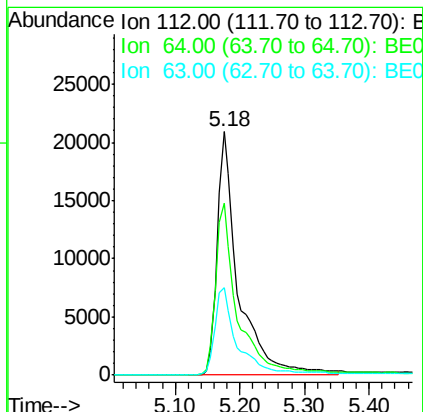
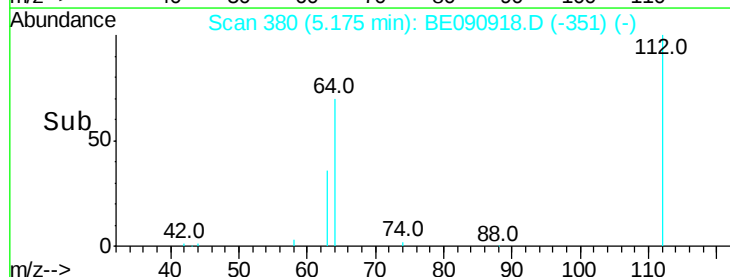
63 37.4 29.2 43.8

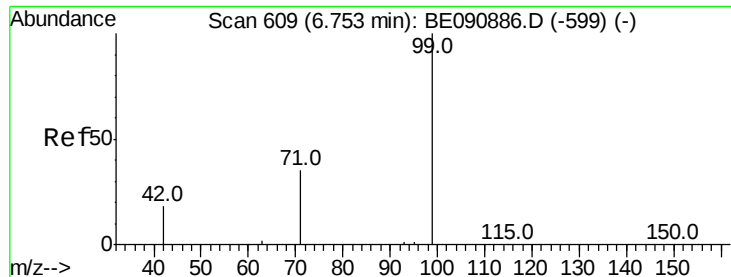


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.52 ng

RT: 6.74 min Scan# 607

Delta R.T. -0.01 min

Lab File: BE090918.D

Acq: 21 Sep 2015 14:59

Instrument :

BNA_E

ClientSampleId :

PB85661BL

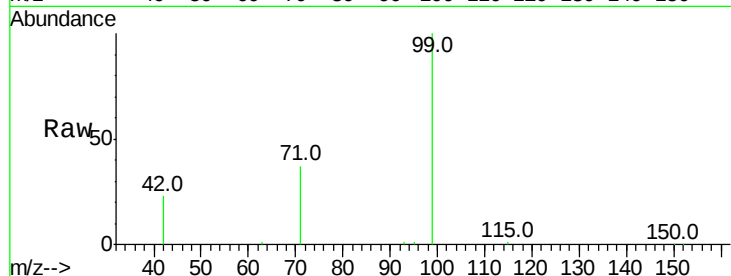
Tgt Ion: 99 Resp: 56939

Ion Ratio Lower Upper

99 100

42 22.3 16.8 25.2

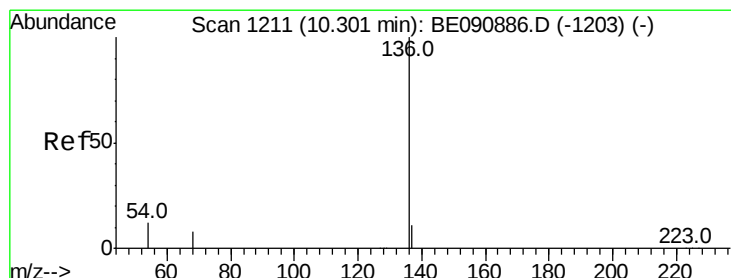
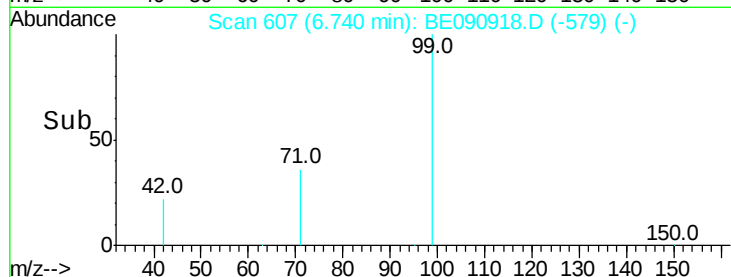
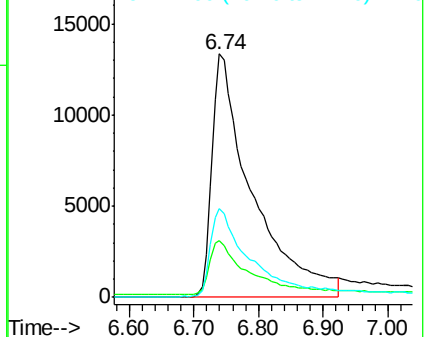
71 36.4 28.3 42.5



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BE090918.D

Acq: 21 Sep 2015 14:59

Tgt Ion: 136 Resp: 113150

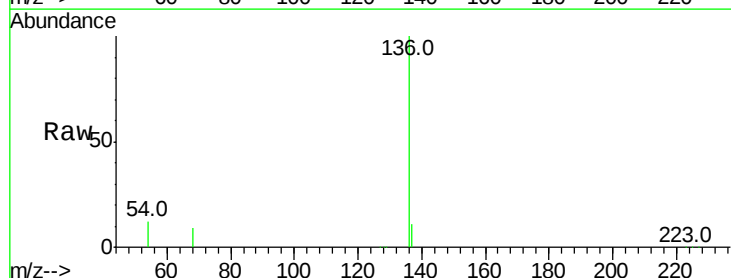
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 12.1 9.0 13.6

68 8.7 6.3 9.5

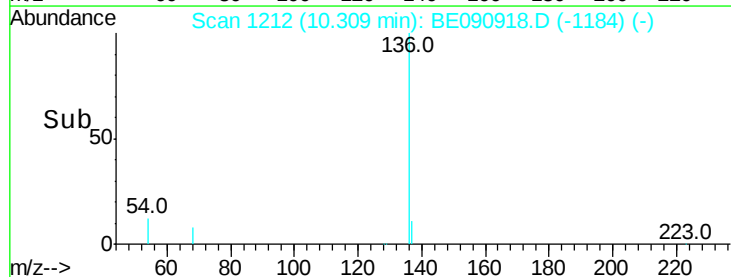
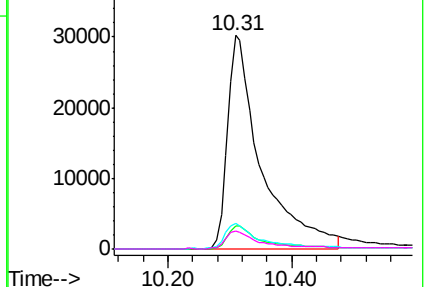


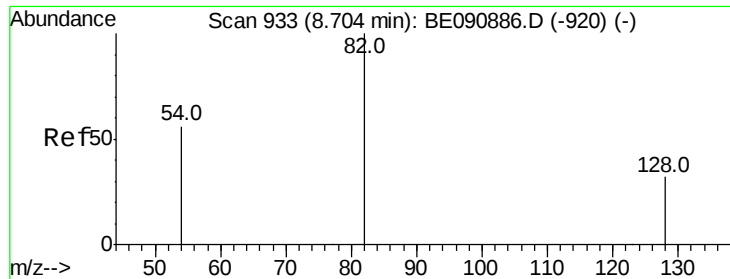
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 3.45 ng

RT: 8.72 min Scan# 936

Delta R.T. 0.01 min

Lab File: BE090918.D

Acq: 21 Sep 2015 14:59

Instrument :

BNA_E

ClientSampleId :

PB85661BL

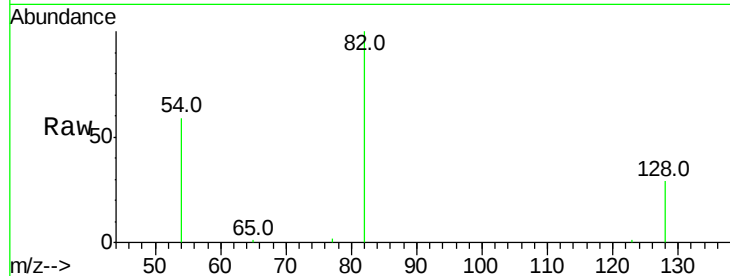
Tgt Ion: 82 Resp: 26933

Ion Ratio Lower Upper

82 100

128 29.0 25.0 37.4

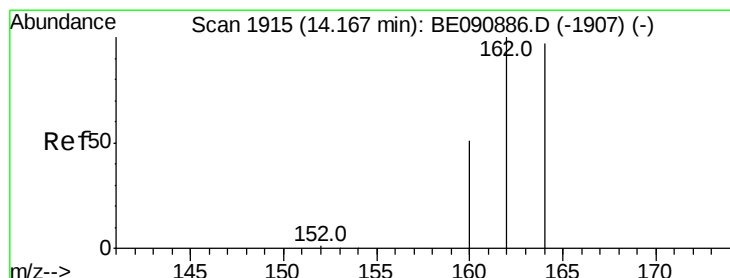
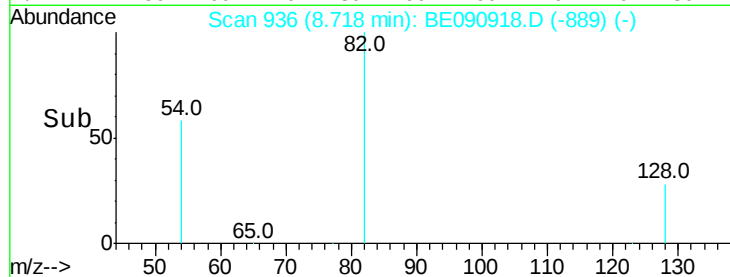
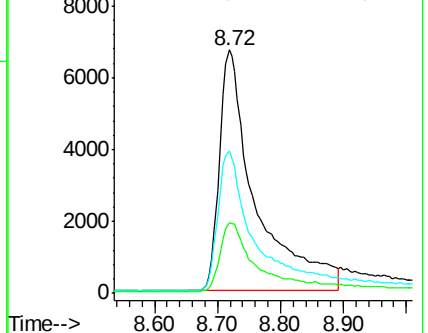
54 58.6 46.3 69.5



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



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1916

Delta R.T. 0.01 min

Lab File: BE090918.D

Acq: 21 Sep 2015 14:59

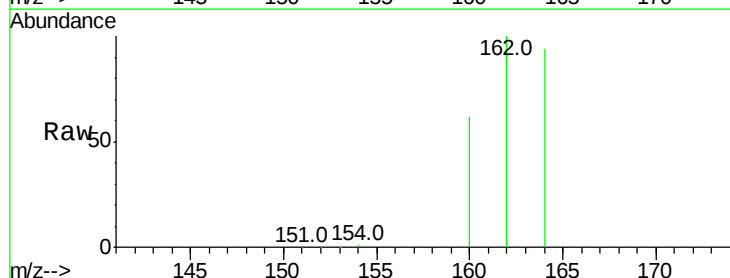
Tgt Ion: 164 Resp: 61002

Ion Ratio Lower Upper

164 100

162 105.9 86.8 130.2

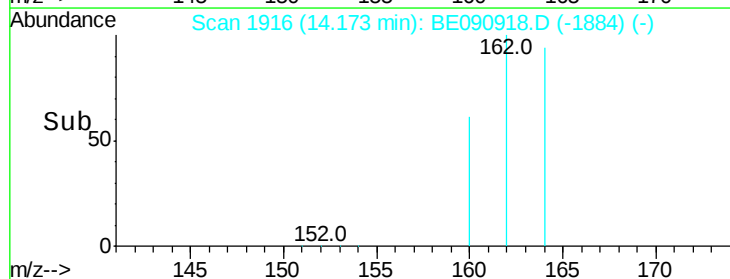
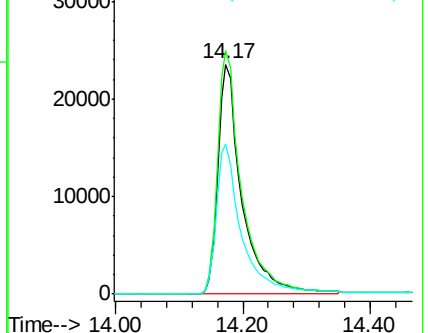
160 65.1 53.9 80.9

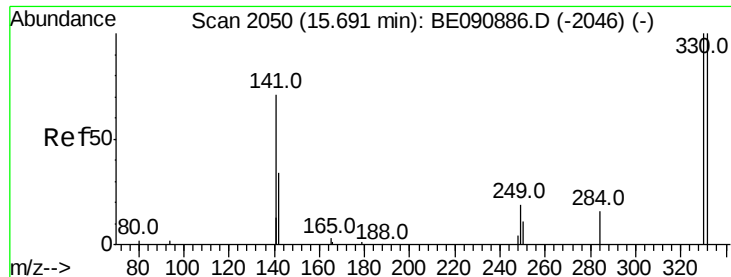


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 4.95 ng

RT: 15.69 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BE090918.D

Acq: 21 Sep 2015 14:59

Instrument :

BNA_E

ClientSampleId :

PB85661BL

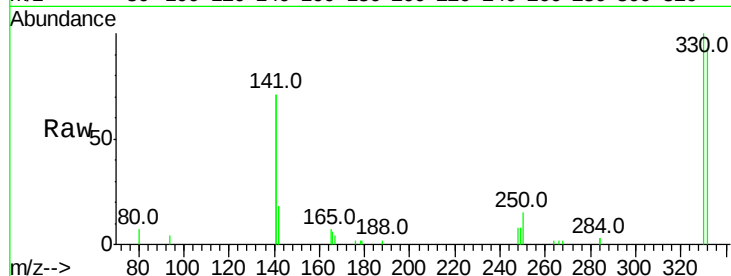
Tgt Ion:330 Resp: 10656

Ion Ratio Lower Upper

330 100

332 95.9 74.9 112.3

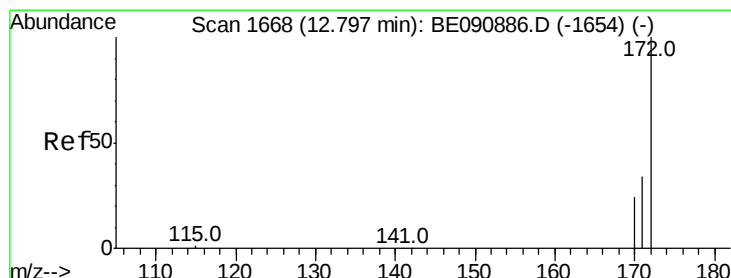
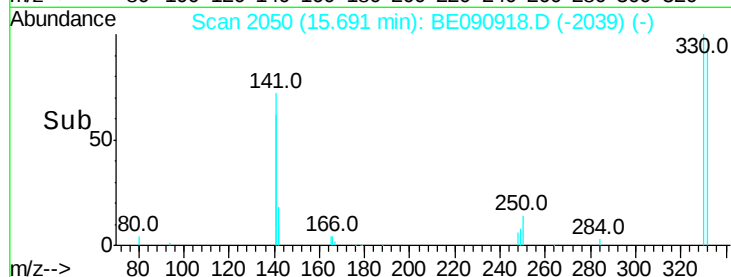
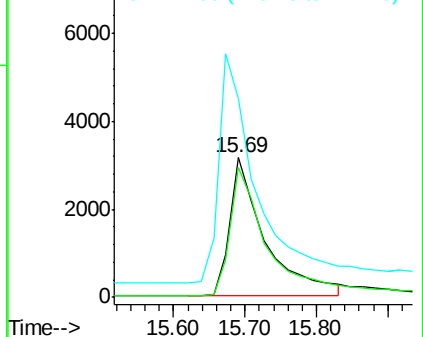
141 180.3 145.2 217.8



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



#15

2-Fluorobiphenyl

Concen: 3.60 ng

RT: 12.81 min Scan# 1672

Delta R.T. 0.02 min

Lab File: BE090918.D

Acq: 21 Sep 2015 14:59

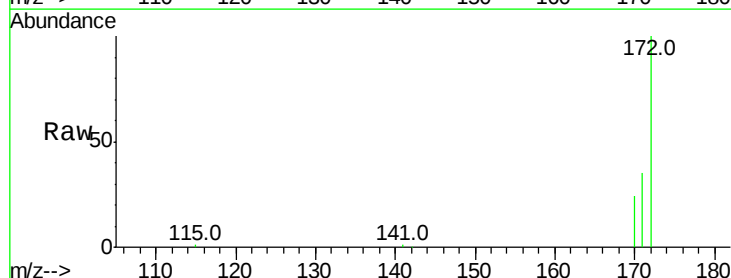
Tgt Ion:172 Resp: 62250

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

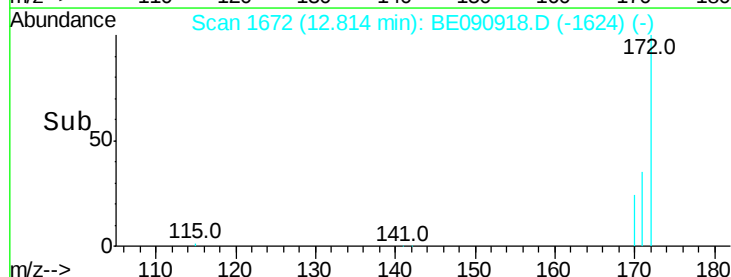
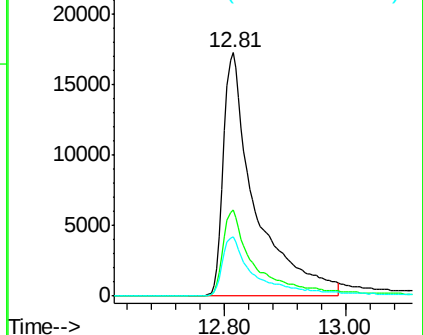
170 24.5 19.8 29.6

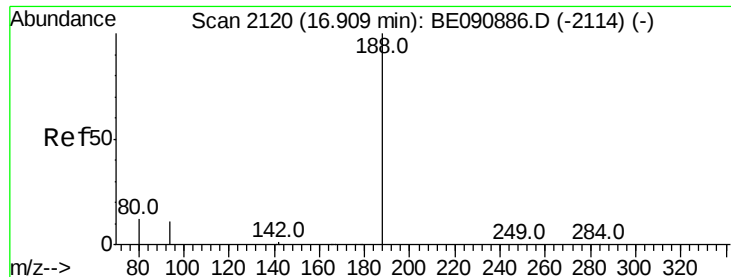


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BE090918.D

Acq: 21 Sep 2015 14:59

Instrument :

BNA_E

ClientSampleId :

PB85661BL

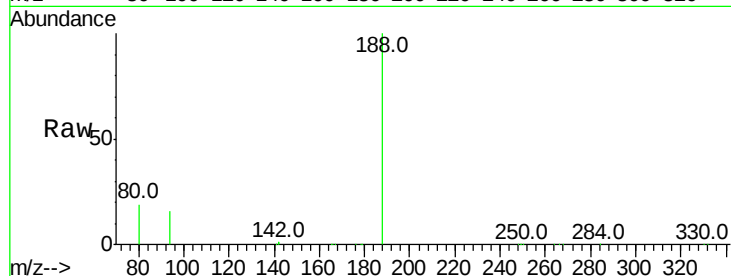
Tgt Ion:188 Resp: 152776

Ion Ratio Lower Upper

188 100

94 16.2 10.3 15.5#

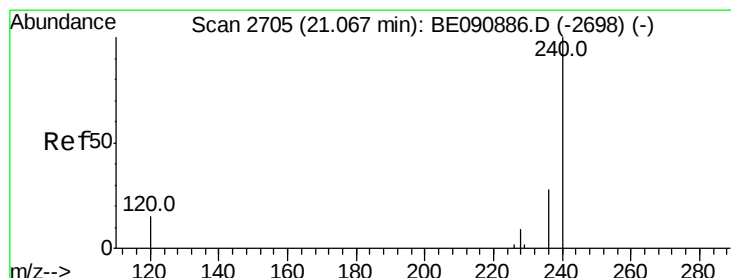
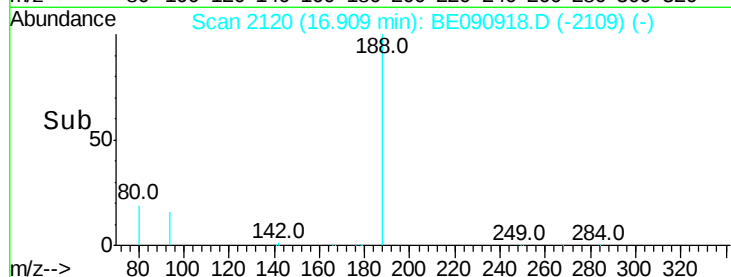
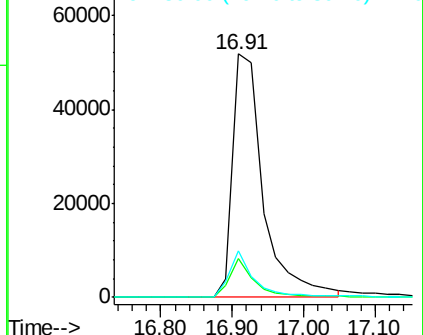
80 19.0 11.0 16.6#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2706

Delta R.T. 0.01 min

Lab File: BE090918.D

Acq: 21 Sep 2015 14:59

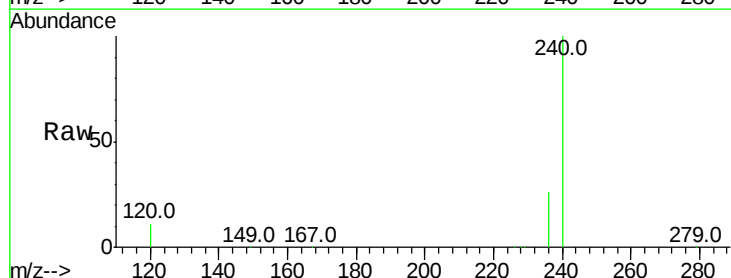
Tgt Ion:240 Resp: 202715

Ion Ratio Lower Upper

240 100

120 11.2 10.1 15.1

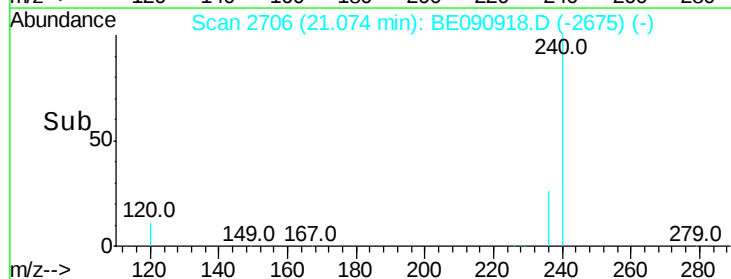
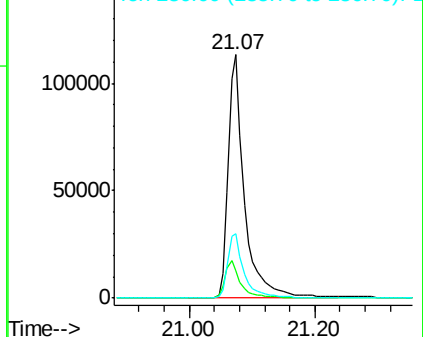
236 26.4 21.9 32.9

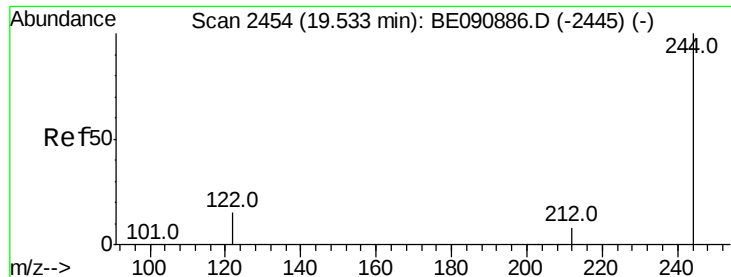


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

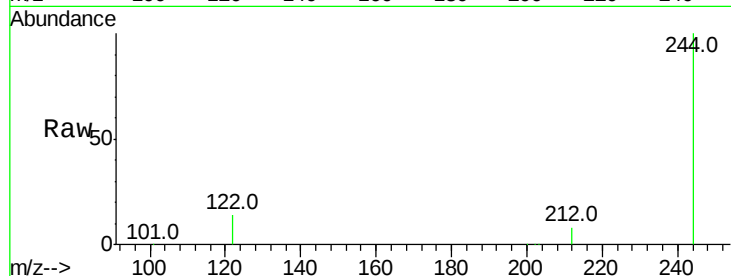




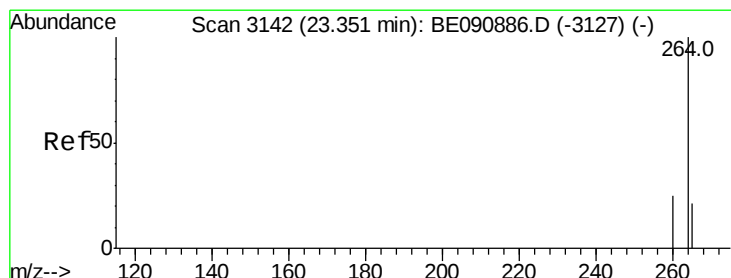
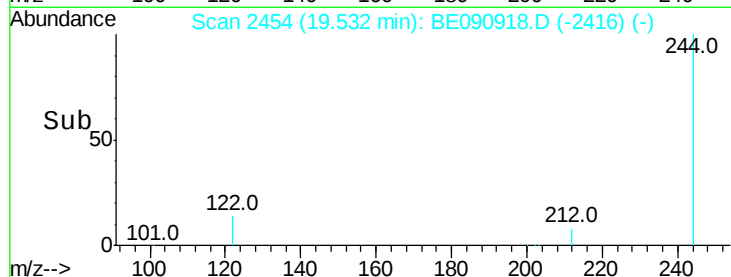
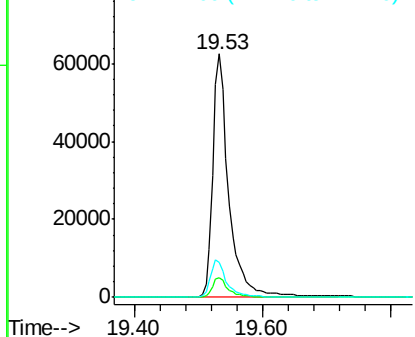
#28
 Terphenyl-d14
 Concen: 4.75 ng
 RT: 19.53 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BE090918.D
 Acq: 21 Sep 2015 14:59

Instrument :
 BNA_E
 ClientSampleId :
 PB85661BL

Tgt Ion:244 Resp: 109022
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 14.4 12.9 19.3

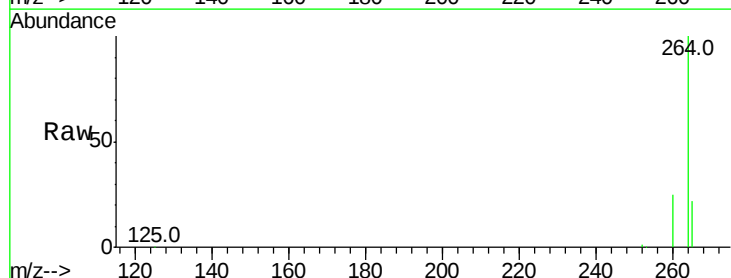


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#33
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3144
 Delta R.T. 0.01 min
 Lab File: BE090918.D
 Acq: 21 Sep 2015 14:59

Tgt Ion:264 Resp: 183289
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 21.7 17.5 26.3



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

