

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090164.D
 Acq On : 18 Jul 2015 2:23
 Operator : TP/IZ
 Sample : PB84515BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84515BL

Quant Time: Jul 18 05:02:09 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	9028	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	41810	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	23265	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	57599	5.00	ng	0.00
25) Chrysene-d12	21.11	240	63638	5.00	ng	0.00
32) Perylene-d12	23.43	264	64389	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	11307	5.33	ng	0.00
5) Phenol-d6	6.79	99	15066	5.50	ng	0.00
7) Nitrobenzene-d5	8.75	82	8959	3.23	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	2708	4.93	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	22403	3.27	ng	0.00
27) Terphenyl-d14	19.58	244	38720	3.64	ng	0.00

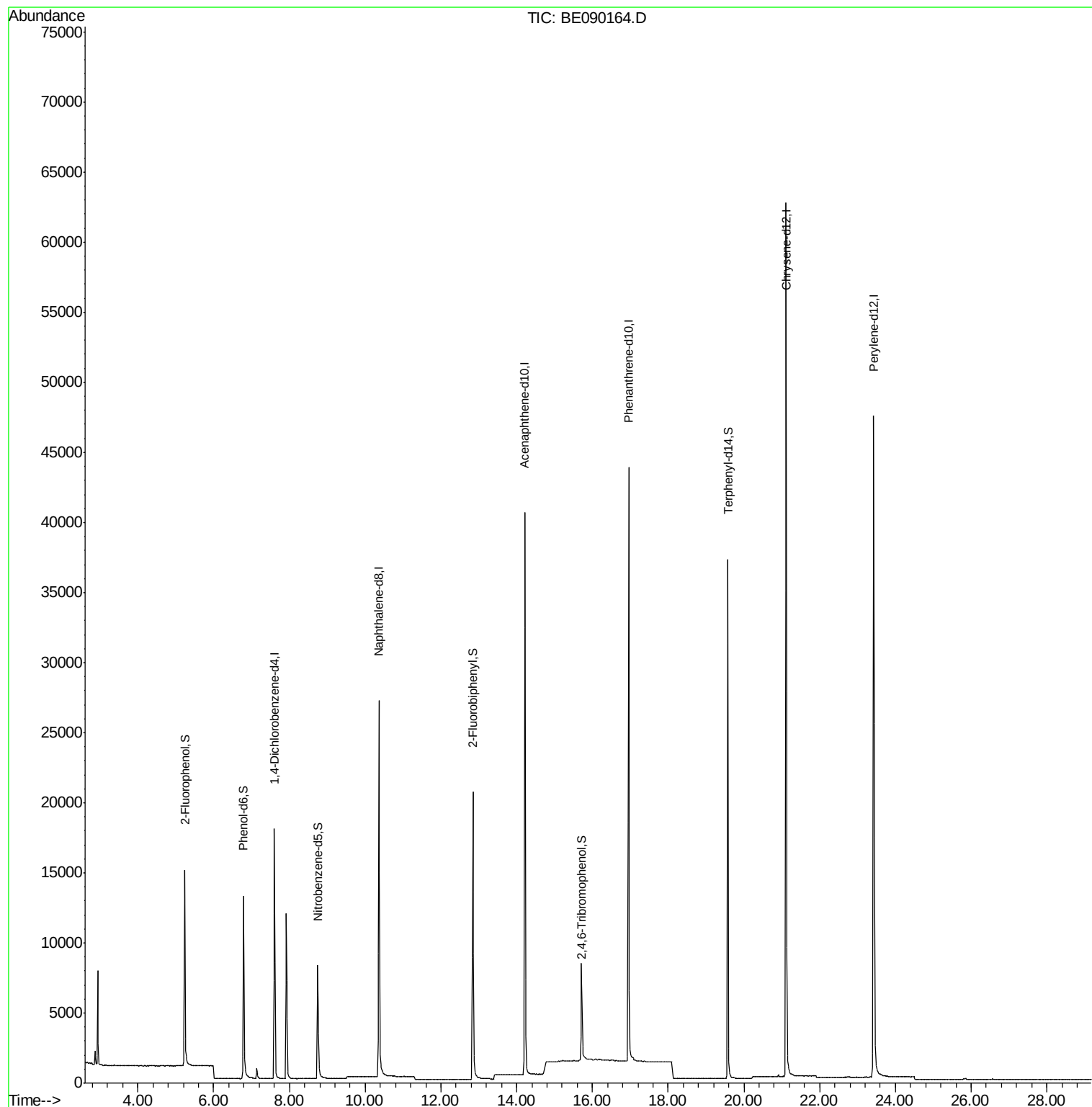
Target Compounds	Qvalue
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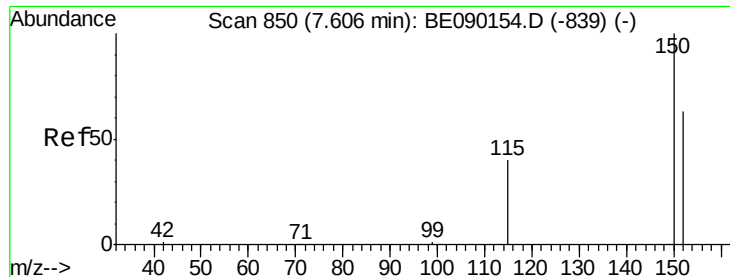
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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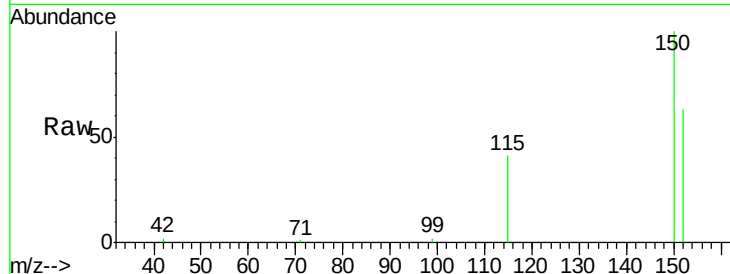




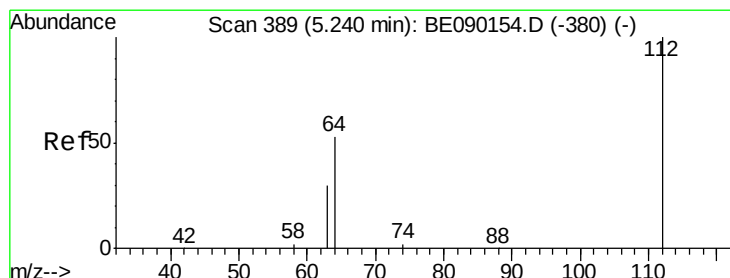
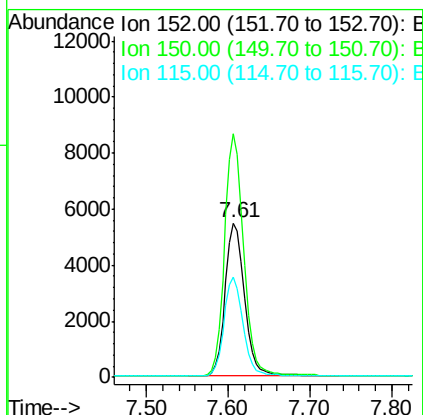
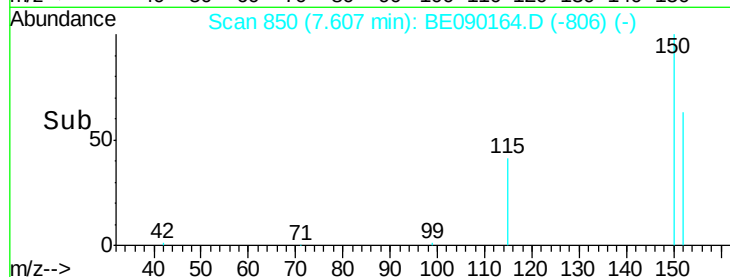
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.61 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BE090164.D
 Acq: 18 Jul 2015 2:23

Instrument :
 BNA_E
 ClientSampleId :
 PB84515BL

Tgt Ion:152 Resp: 9028
 Ion Ratio Lower Upper
 152 100
 150 158.0 127.2 190.8
 115 65.2 51.6 77.4

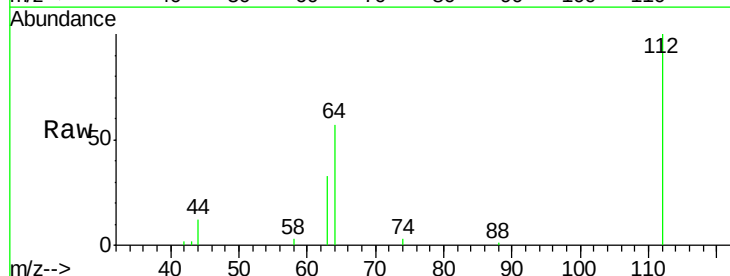


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

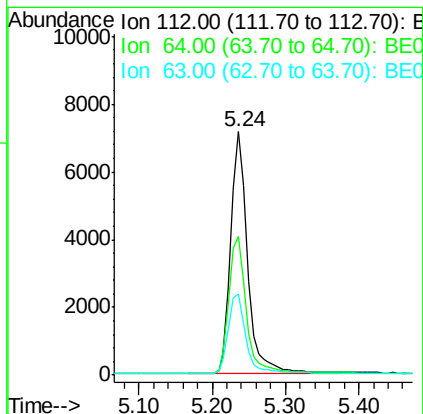
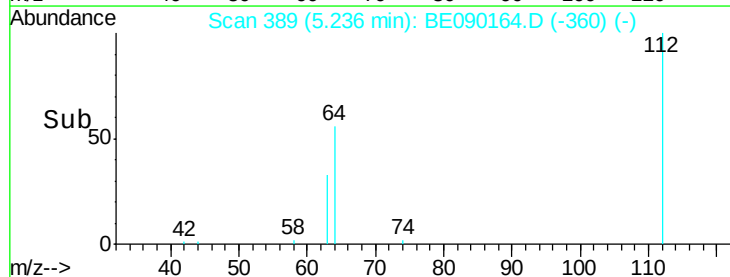


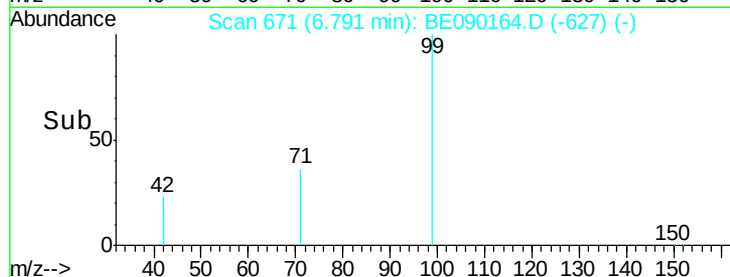
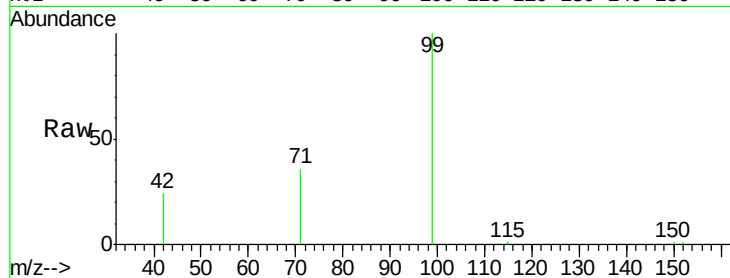
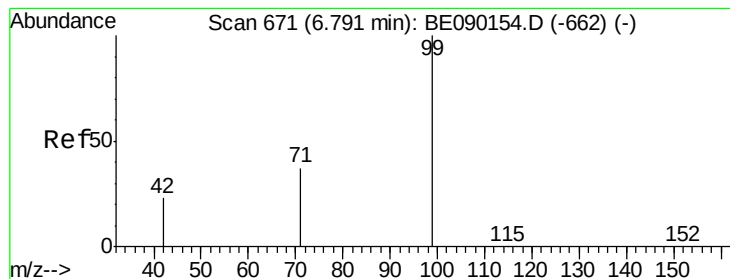
#4
 2-Fluorophenol
 Concen: 5.33 ng
 RT: 5.24 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: BE090164.D
 Acq: 18 Jul 2015 2:23

Tgt Ion:112 Resp: 11307
 Ion Ratio Lower Upper
 112 100
 64 59.0 46.7 70.1
 63 34.5 27.3 40.9



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: 5.50 ng

RT: 6.79 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE090164.D

Acq: 18 Jul 2015 2:23

Instrument :

BNA_E

ClientSampleId :

PB84515BL

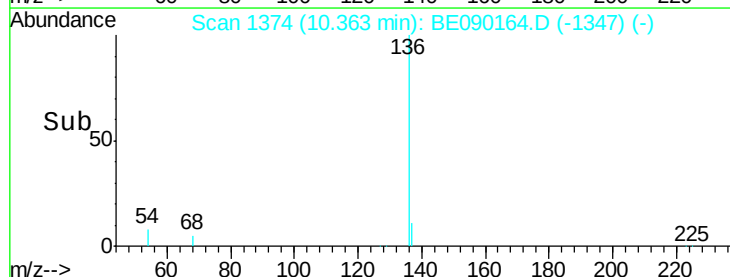
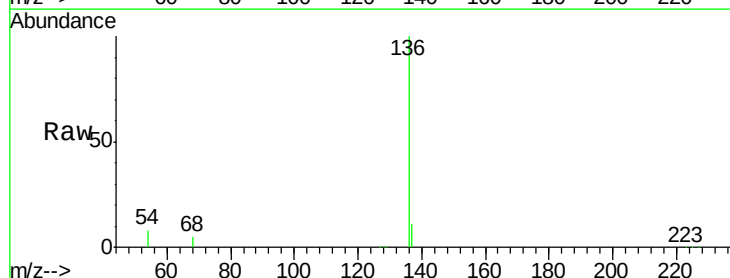
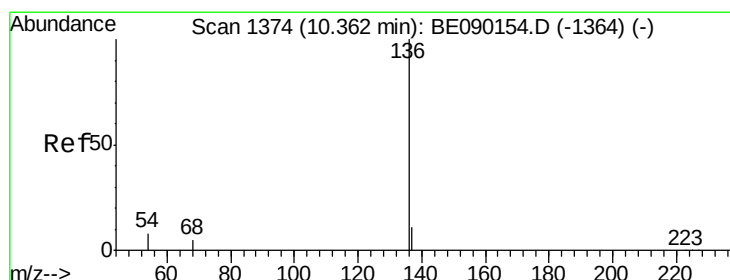
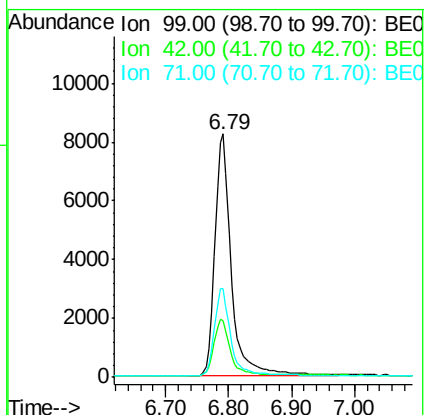
Tgt Ion: 99 Resp: 15066

Ion Ratio Lower Upper

99 100

42 23.2 19.1 28.7

71 36.6 29.4 44.2



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.36 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE090164.D

Acq: 18 Jul 2015 2:23

Tgt Ion: 136 Resp: 41810

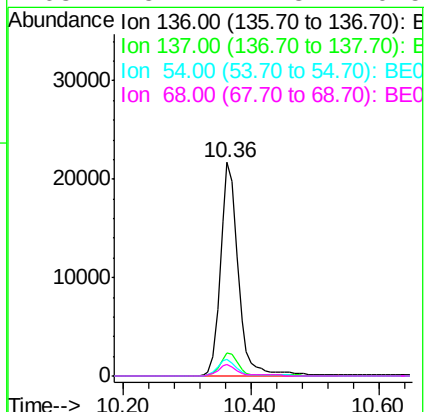
Ion Ratio Lower Upper

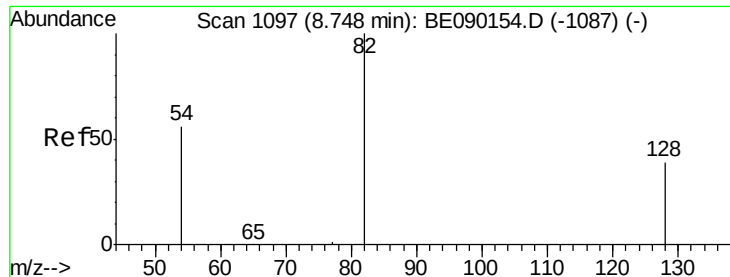
136 100

137 11.1 8.9 13.3

54 8.0 6.3 9.5

68 5.4 4.3 6.5





#7

Nitrobenzene-d5

Concen: 3.23 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BE090164.D

Acq: 18 Jul 2015 2:23

Instrument :

BNA_E

ClientSampled :

PB84515BL

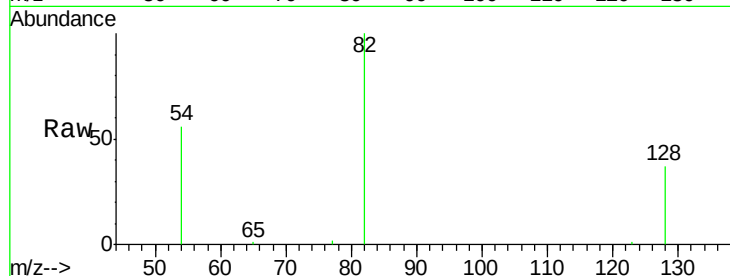
Tgt Ion: 82 Resp: 8959

Ion Ratio Lower Upper

82 100

128 37.3 32.7 49.1

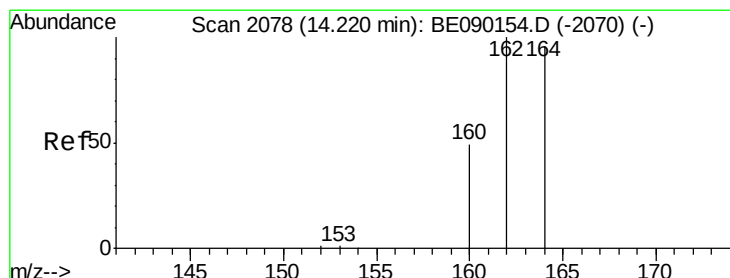
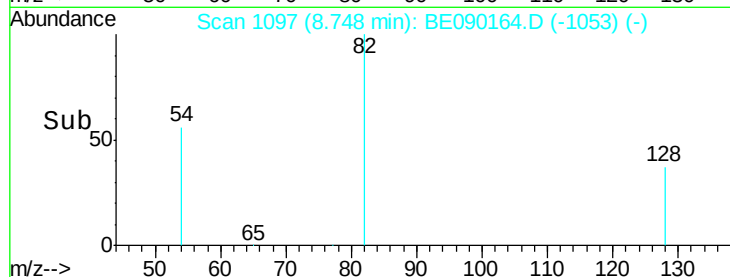
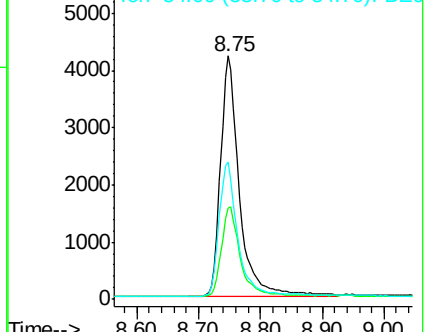
54 56.2 45.9 68.9



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: 14.22 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BE090164.D

Acq: 18 Jul 2015 2:23

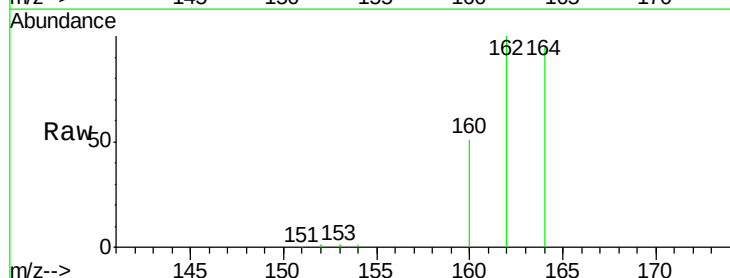
Tgt Ion: 164 Resp: 23265

Ion Ratio Lower Upper

164 100

162 105.6 83.3 124.9

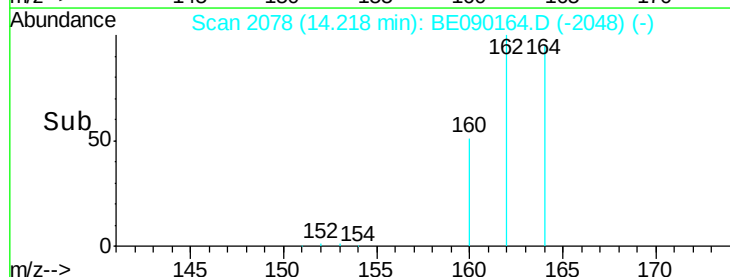
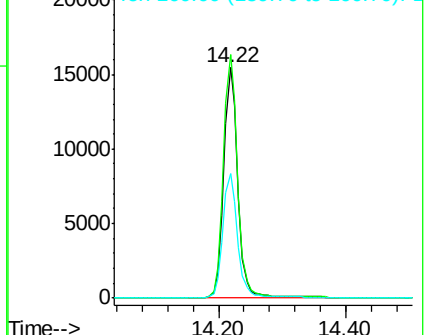
160 54.1 40.9 61.3

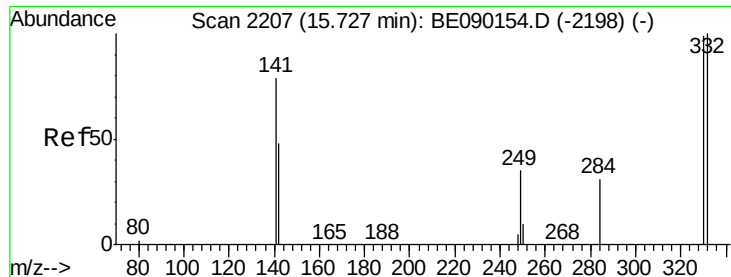


Abundance Ion 164.00 (163.70 to 164.70): BE0

Ion 162.00 (161.70 to 162.70): BE0

Ion 160.00 (159.70 to 160.70): BE0

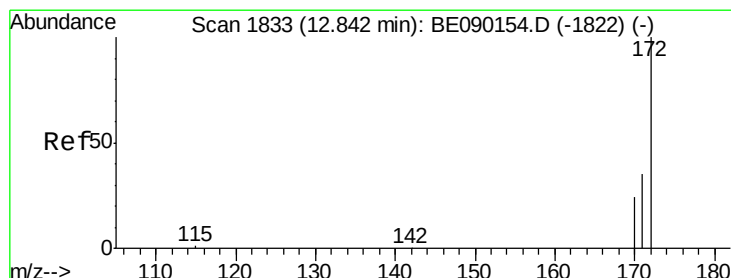
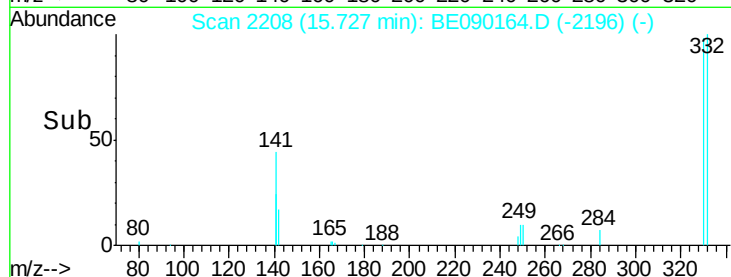
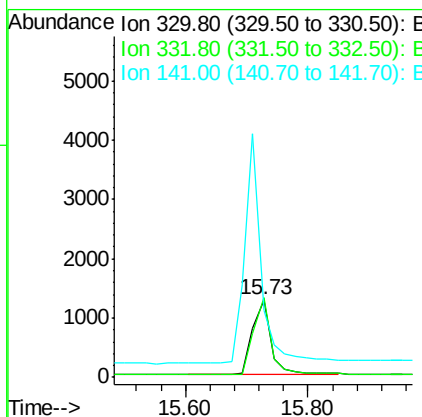
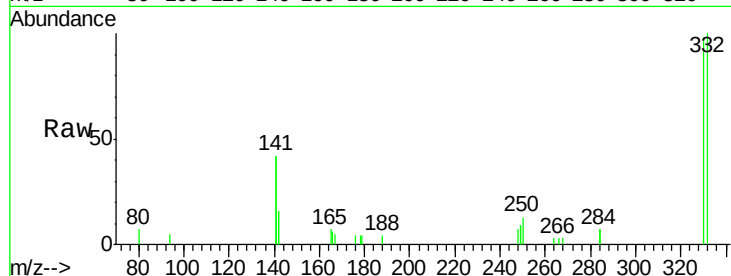




#13
 2,4,6-Tribromophenol
 Concen: 4.93 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE090164.D
 Acq: 18 Jul 2015 2:23

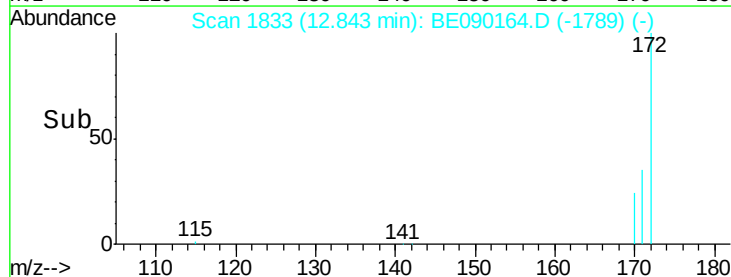
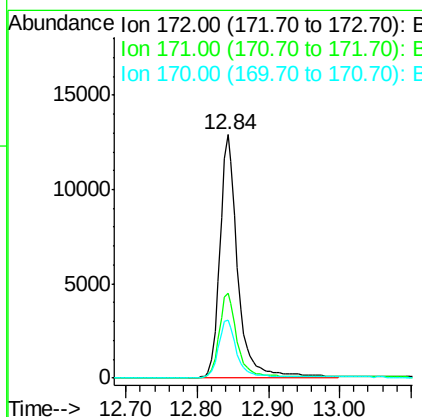
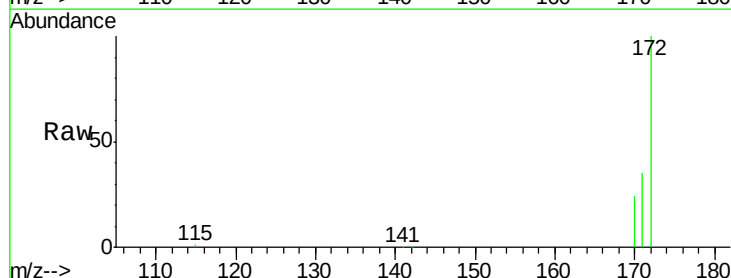
Instrument :
 BNA_E
 ClientSampled :
 PB84515BL

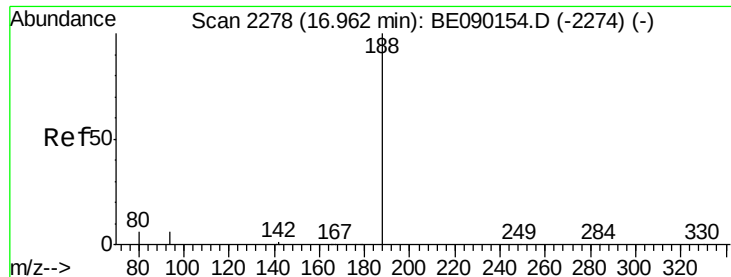
Tgt Ion: 330 Resp: 2708
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.2 117.2
 141 273.7 215.8 323.6



#14
 2-Fluorobiphenyl
 Concen: 3.27 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BE090164.D
 Acq: 18 Jul 2015 2:23

Tgt Ion: 172 Resp: 22403
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 24.0 19.7 29.5





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090164.D

Acq: 18 Jul 2015 2:23

Instrument :

BNA_E

ClientSampleId :

PB84515BL

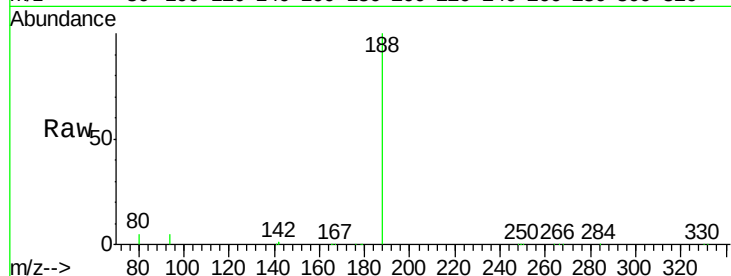
Tgt Ion:188 Resp: 57599

Ion Ratio Lower Upper

188 100

94 5.4 4.6 7.0

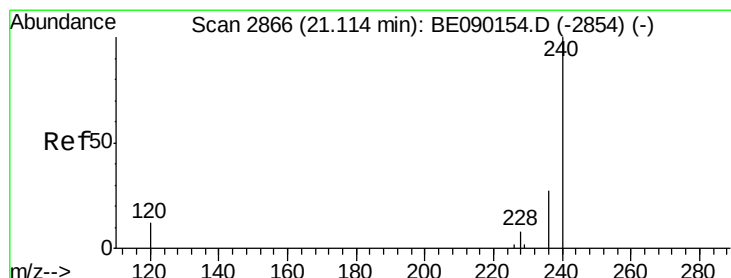
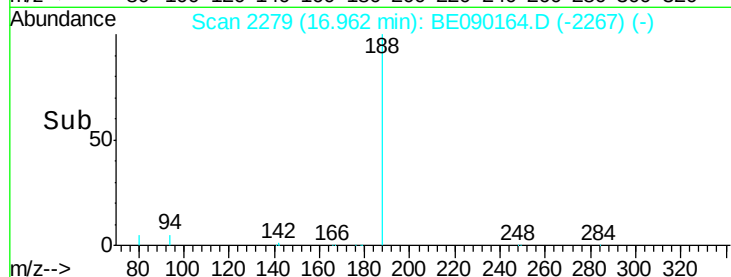
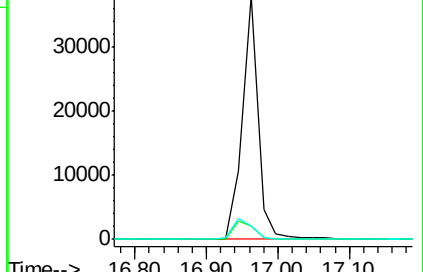
80 5.4 4.6 6.8



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: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090164.D

Acq: 18 Jul 2015 2:23

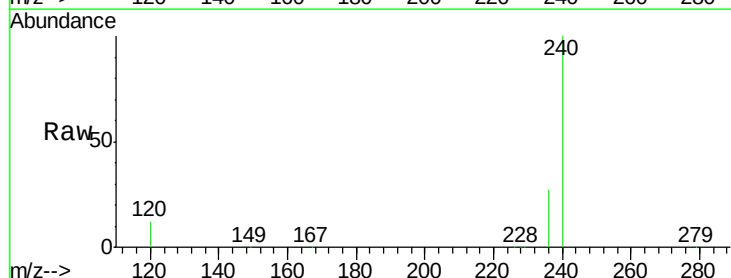
Tgt Ion:240 Resp: 63638

Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.0

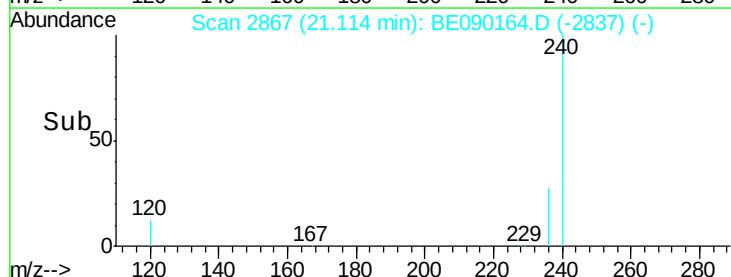
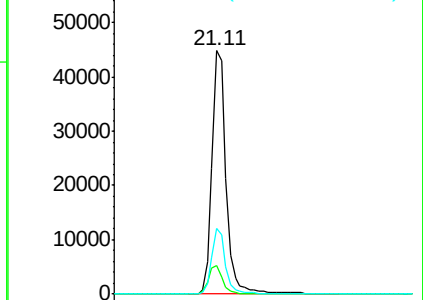
236 27.0 21.8 32.8

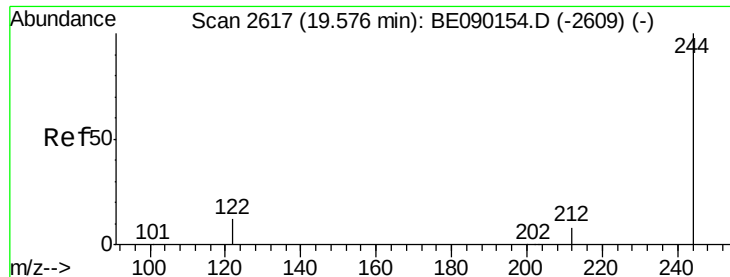


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 3.64 ng

RT: 19.58 min Scan# 2618

Delta R.T. 0.00 min

Lab File: BE090164.D

Acq: 18 Jul 2015 2:23

Instrument :

BNA_E

ClientSampleId :

PB84515BL

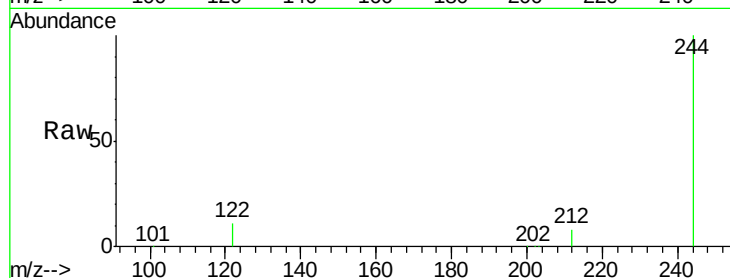
Tgt Ion:244 Resp: 38720

Ion Ratio Lower Upper

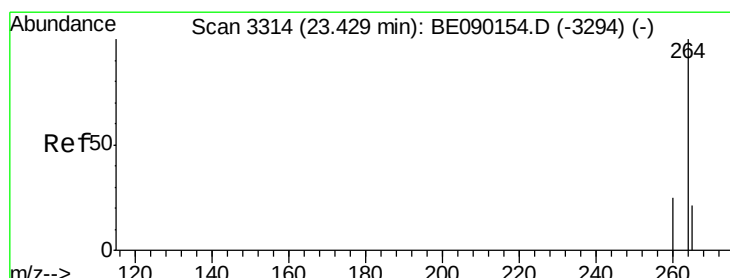
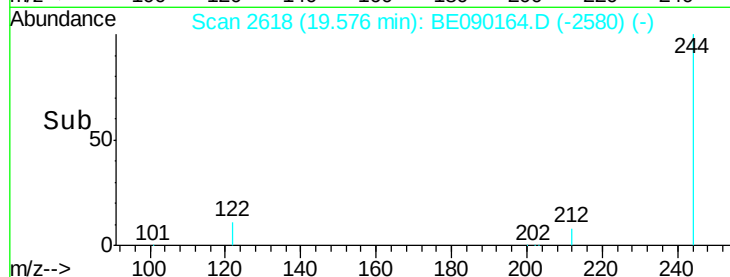
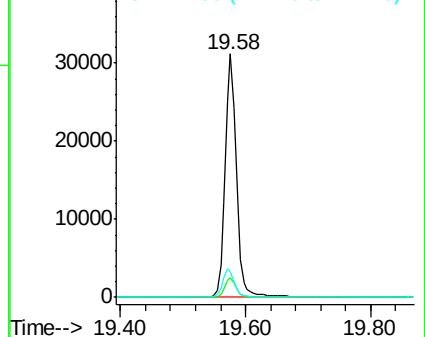
244 100

212 7.9 6.5 9.7

122 10.8 9.8 14.6



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: 23.43 min Scan# 3315

Delta R.T. 0.00 min

Lab File: BE090164.D

Acq: 18 Jul 2015 2:23

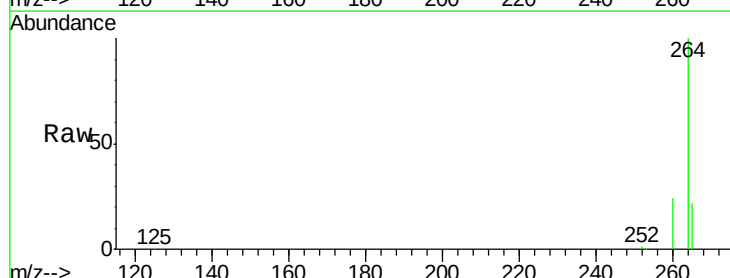
Tgt Ion:264 Resp: 64389

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 22.1 17.4 26.2



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

