

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100715\
 Data File : BE090988.D
 Acq On : 7 Oct 2015 16:24
 Operator : UM/IZ
 Sample : PB85999BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85999BL

Quant Time: Oct 08 01:50:00 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 01:45:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	64453	5.00	ng	0.00
7) Naphthalene-d8	9.64	136	284044	5.00	ng	0.00
13) Acenaphthene-d10	13.46	164	155966	5.00	ng	0.00
19) Phenanthrene-d10	16.19	188	404212	5.00	ng	0.00
26) Chrysene-d12	20.33	240	542325	5.00	ng	0.00
35) Perylene-d12	22.25	264	575738	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.98	112	121618	9.29	ng	-0.02
5) Phenol-d6	6.61	99	160409	9.72	ng	-0.01
8) Nitrobenzene-d5	8.23	82	85543	4.58	ng	0.00
14) 2,4,6-Tribromophenol	14.98	330	37787	7.01	ng	0.00
15) 2-Fluorobiphenyl	12.09	172	170294	4.03	ng	0.00
29) Terphenyl-d14	18.73	244	288728	4.32	ng	0.00

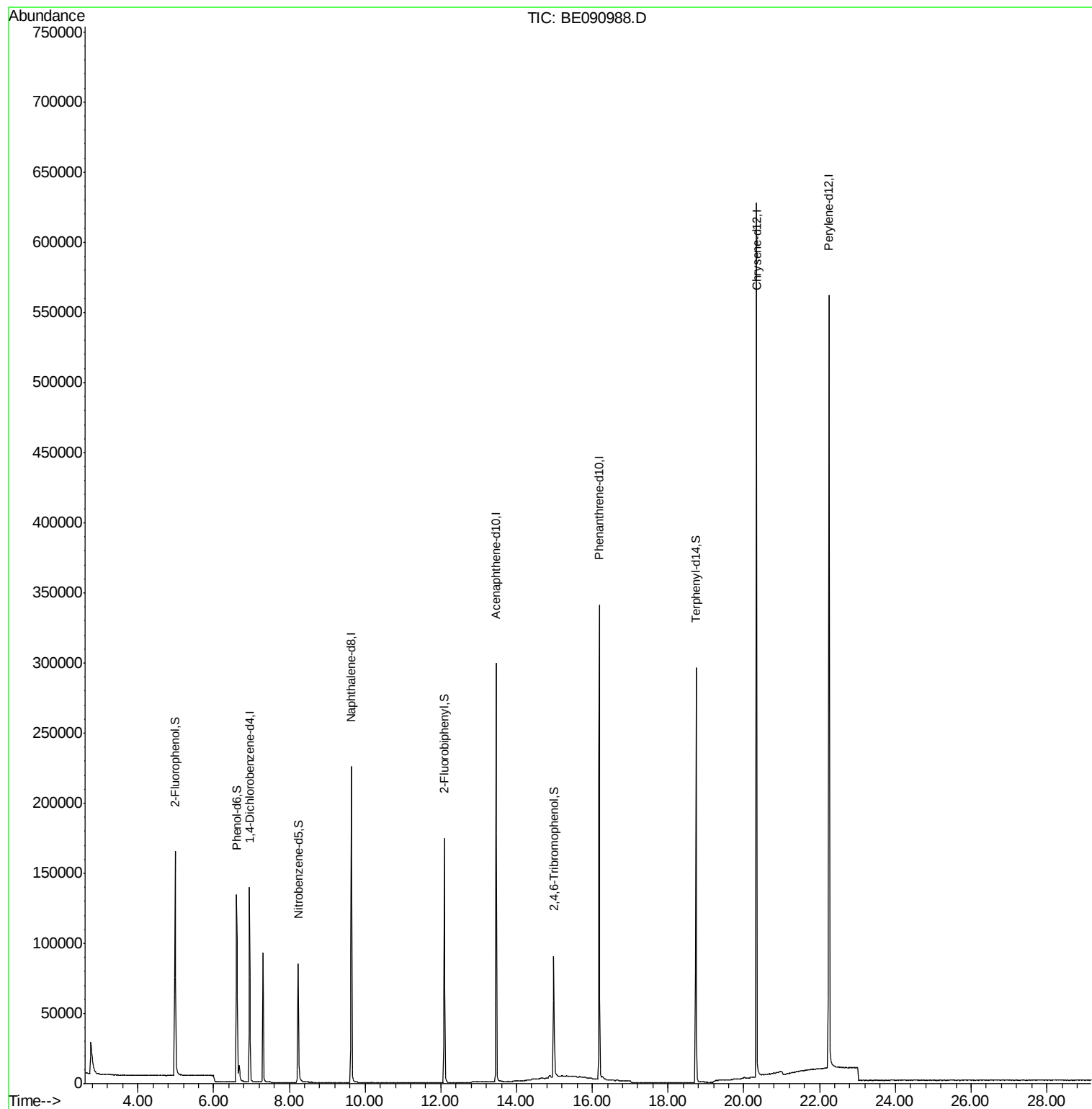
Target Compounds Qvalue

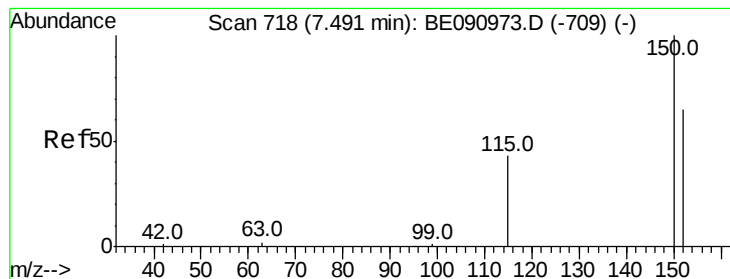
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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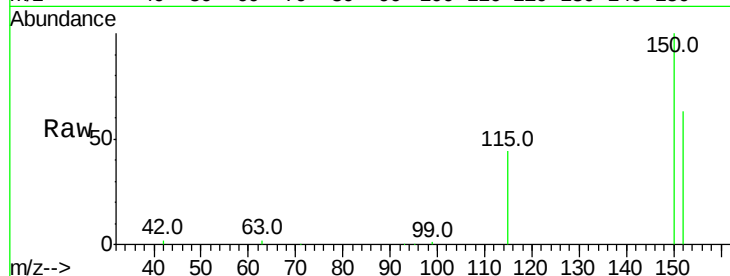


#1

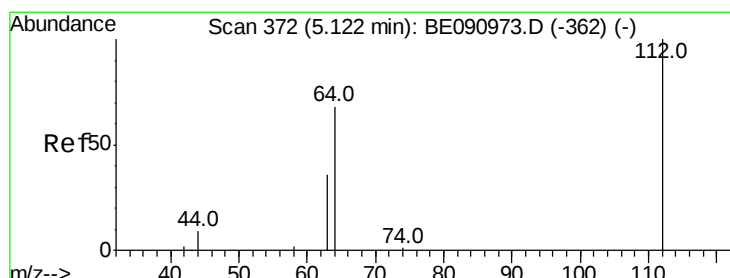
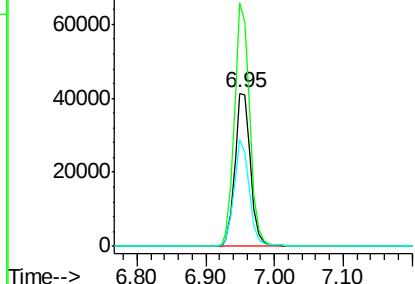
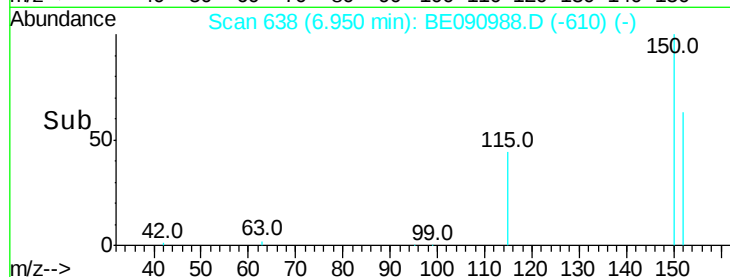
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.95 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE090988.D
Acq: 7 Oct 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85999BL

Tot Ion:152 Resp: 64453
Ion Ratio Lower Upper
152 100
150 159.4 122.6 183.8
115 70.2 52.8 79.2



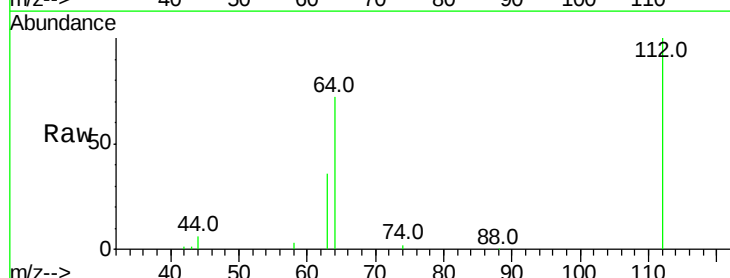
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



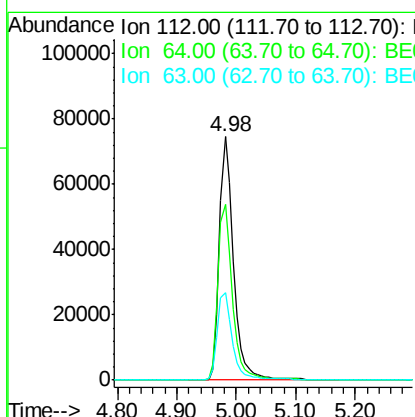
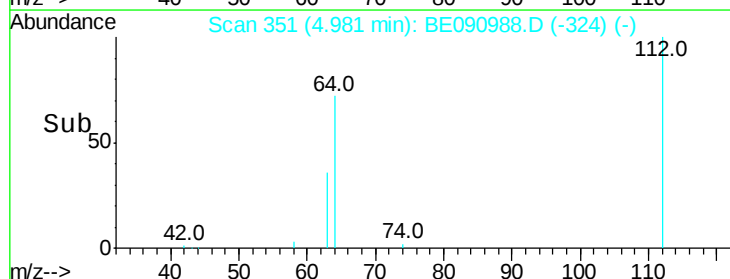
#4

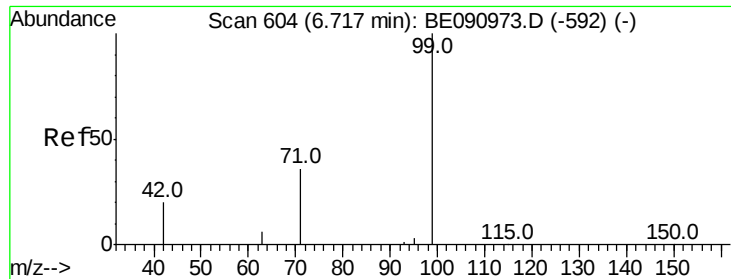
2-Fluorophenol
Concen: 9.29 ng
RT: 4.98 min Scan# 351
Delta R.T. -0.02 min
Lab File: BE090988.D
Acq: 7 Oct 2015 16:24

Tgt Ion:112 Resp: 121618
Ion Ratio Lower Upper
112 100
64 73.9 30.9 46.3#
63 36.8 16.7 25.1#



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: 9.72 ng

RT: 6.61 min Scan# 588

Delta R.T. -0.01 min

Lab File: BE090988.D

Acq: 7 Oct 2015 16:24

Instrument :

BNA_E

ClientSampleId :

PB85999BL

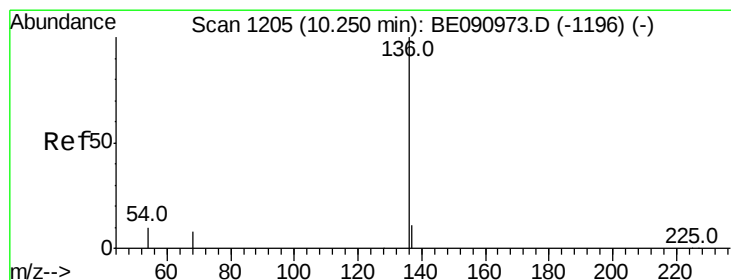
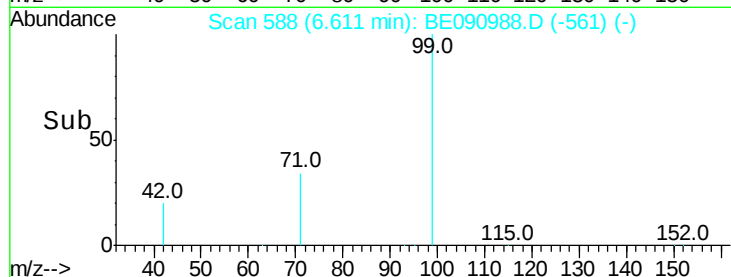
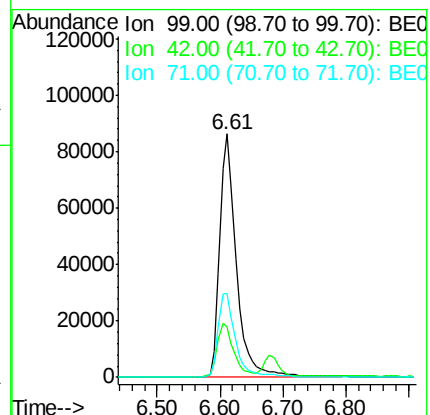
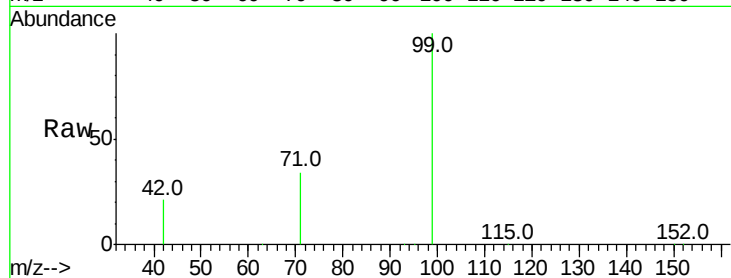
Tot Ion: 99 Resp: 160409

Ion Ratio Lower Upper

99 100

42 20.8 16.2 24.2

71 36.1 29.0 43.4



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.64 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE090988.D

Acq: 7 Oct 2015 16:24

Tgt Ion: 136 Resp: 284044

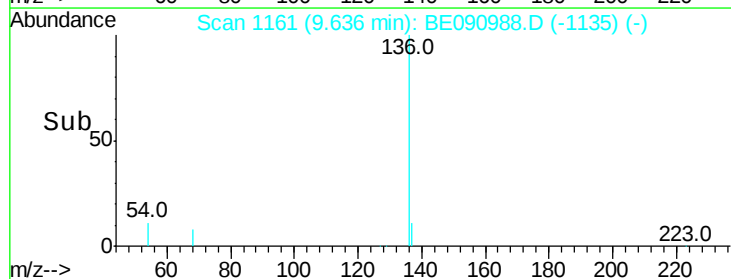
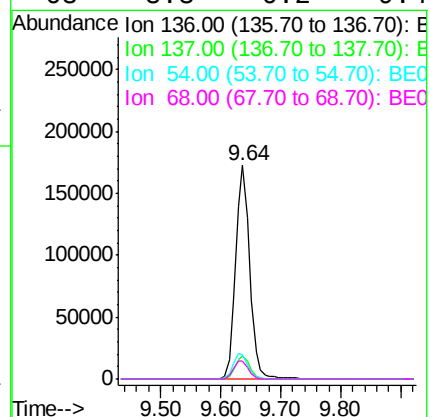
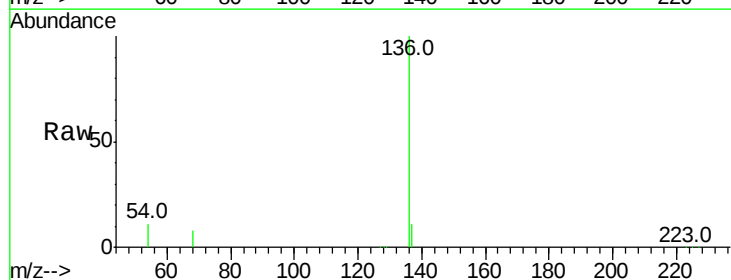
Ion Ratio Lower Upper

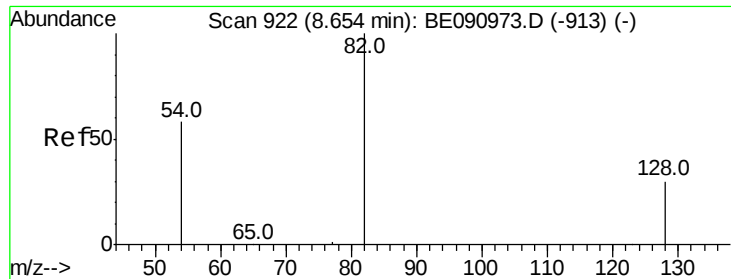
136 100

137 11.1 8.9 13.3

54 11.4 8.2 12.4

68 8.3 6.2 9.4





#8

Nitrobenzene-d5

Concen: 4.58 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BE090988.D

Acq: 7 Oct 2015 16:24

Instrument :

BNA_E

ClientSampleId :

PB85999BL

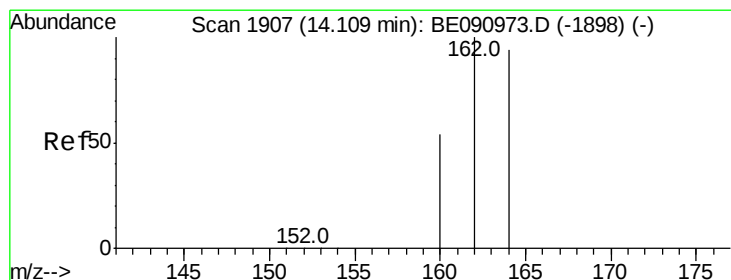
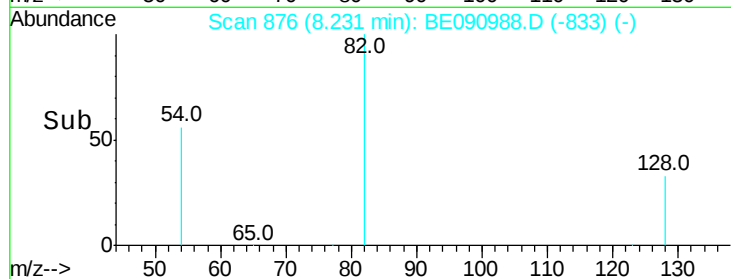
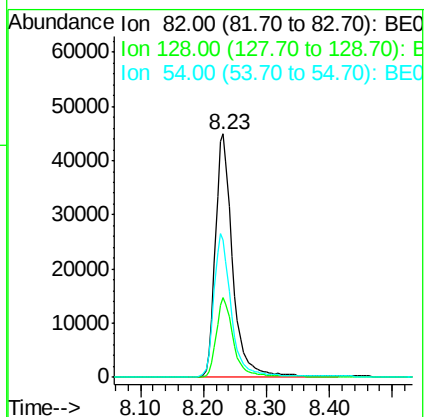
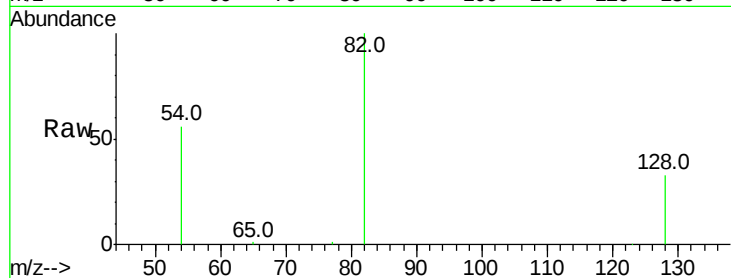
Tot Ion: 82 Resp: 85543

Ion Ratio Lower Upper

82 100

128 32.9 25.4 38.0

54 56.3 48.4 72.6



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.46 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BE090988.D

Acq: 7 Oct 2015 16:24

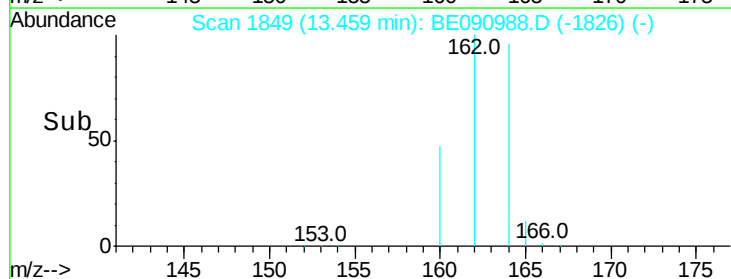
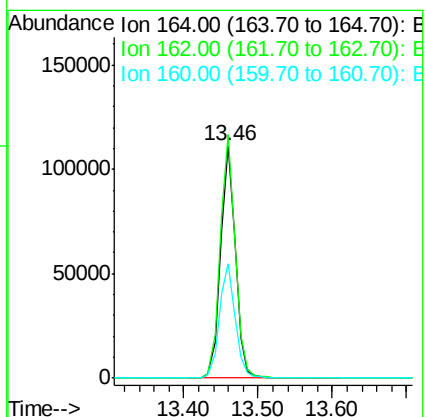
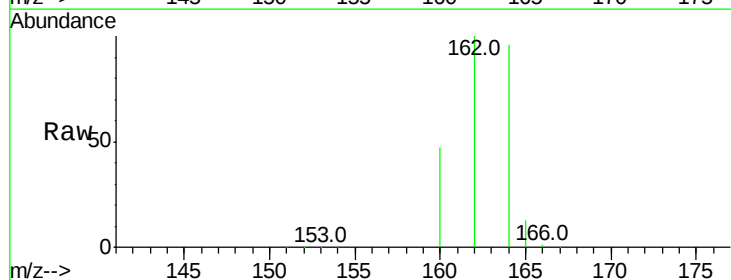
Tgt Ion: 164 Resp: 155966

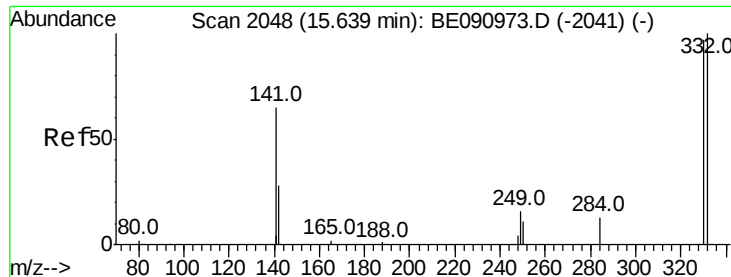
Ion Ratio Lower Upper

164 100

162 104.7 85.3 127.9

160 49.3 46.2 69.2

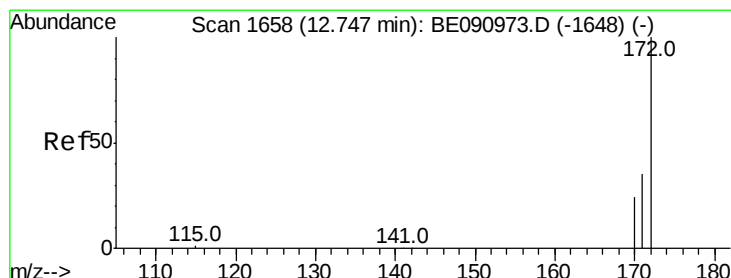
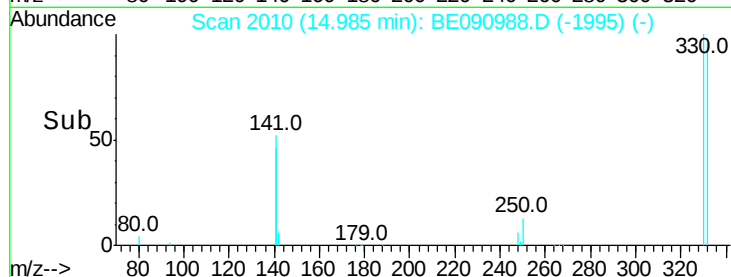
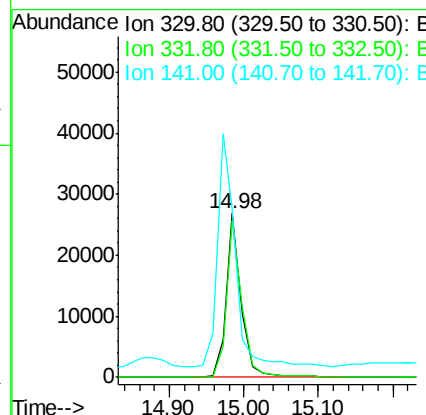
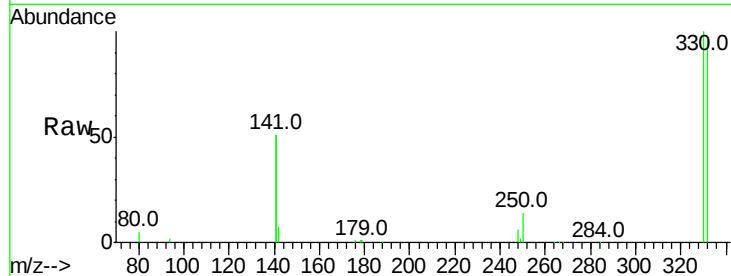




#14
 2,4,6-Tribromophenol
 Concen: 7.01 ng
 RT: 14.98 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BE090988.D
 Acq: 7 Oct 2015 16:24

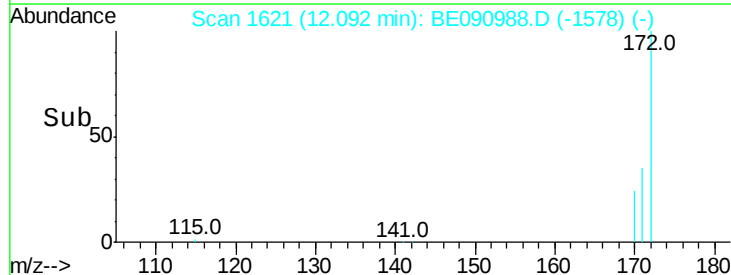
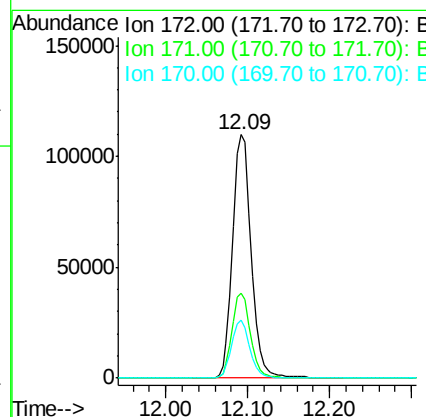
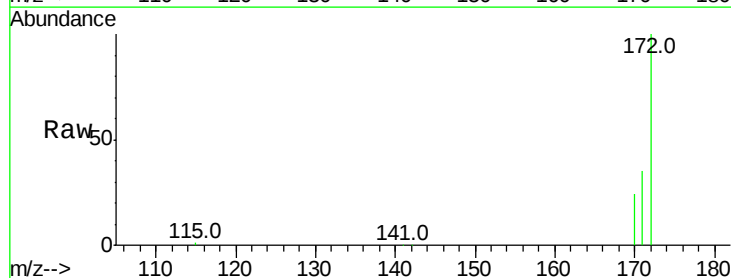
Instrument :
 BNA_E
 ClientSampleId :
 PB85999BL

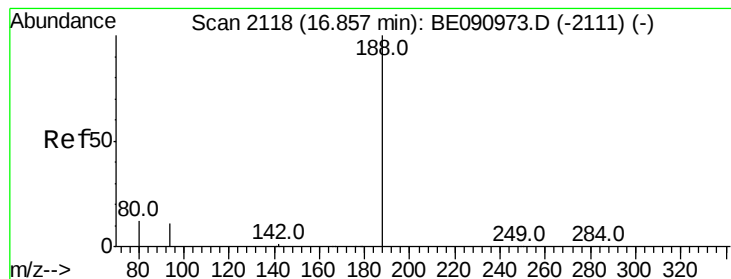
Tot Ion:330 Resp: 37787
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.1 118.7
 141 170.4 125.4 188.0



#15
 2-Fluorobiphenyl
 Concen: 4.03 ng
 RT: 12.09 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BE090988.D
 Acq: 7 Oct 2015 16:24

Tgt Ion:172 Resp: 170294
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.8 43.2
 170 23.7 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.19 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BE090988.D

Acq: 7 Oct 2015 16:24

Instrument :

BNA_E

ClientSampleId :

PB85999BL

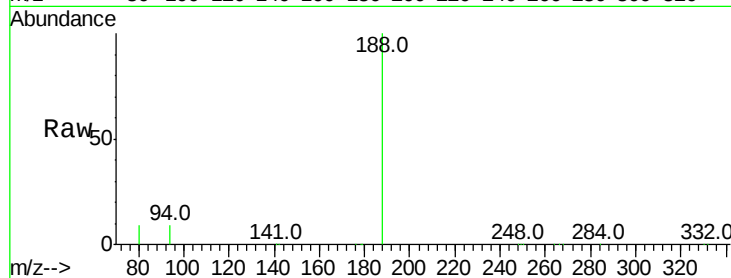
Tot Ion:188 Resp: 404212

Ion Ratio Lower Upper

188 100

94 8.8 8.7 13.1

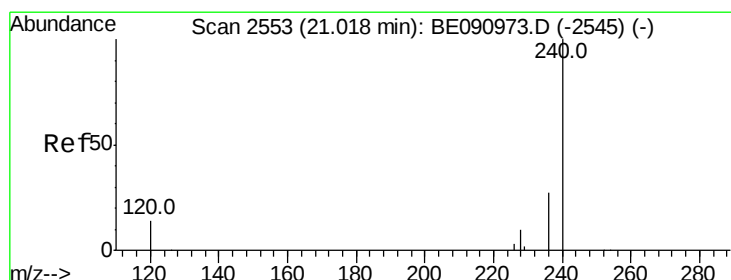
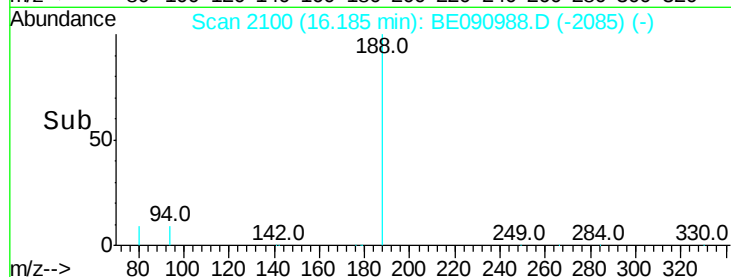
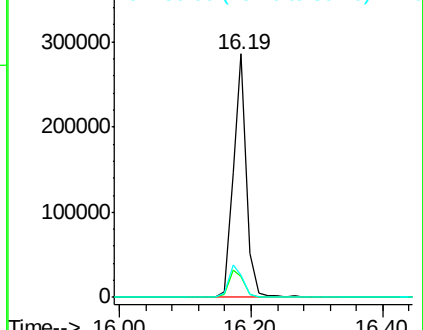
80 9.3 9.4 14.0#



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: 20.33 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090988.D

Acq: 7 Oct 2015 16:24

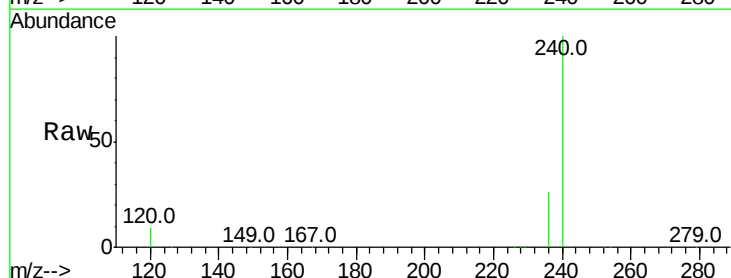
Tgt Ion:240 Resp: 542325

Ion Ratio Lower Upper

240 100

120 8.9 11.0 16.4#

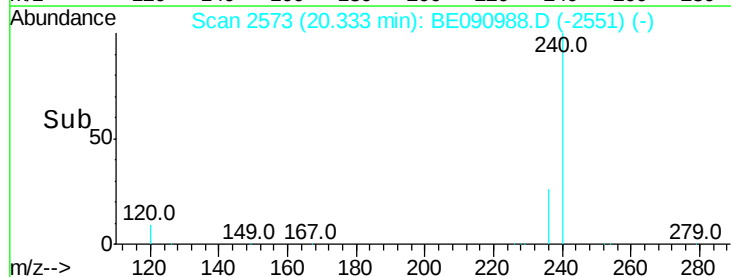
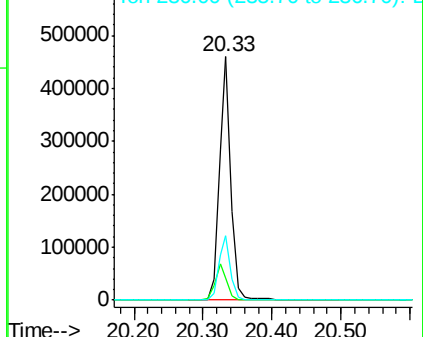
236 26.2 21.7 32.5

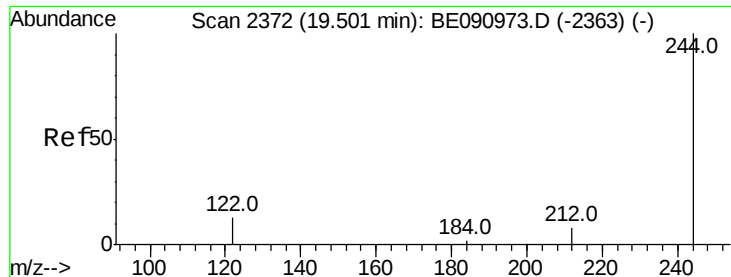


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.32 ng

RT: 18.73 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BE090988.D

Acq: 7 Oct 2015 16:24

Instrument :

BNA_E

ClientSampleId :

PB85999BL

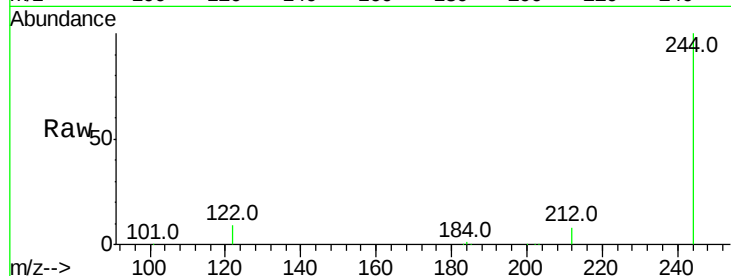
Tot Ion:244 Resp: 288728

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

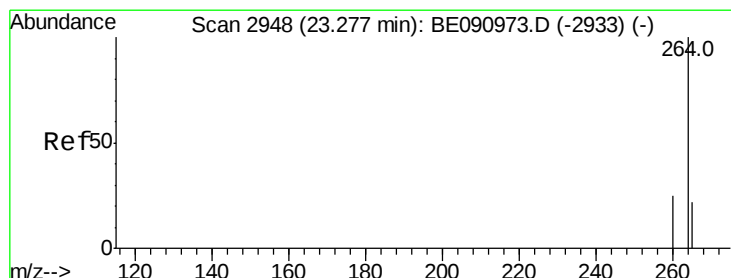
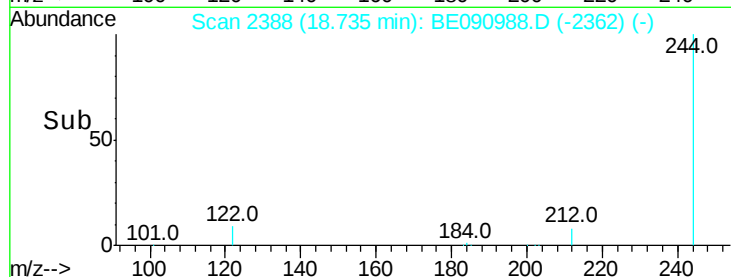
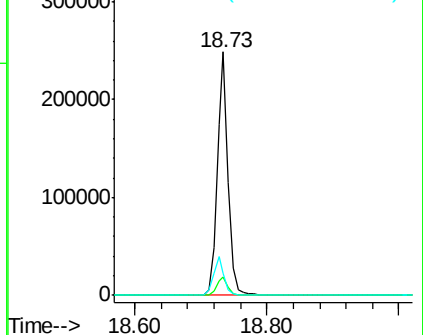
122 9.0 11.0 16.4#



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 22.25 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BE090988.D

Acq: 7 Oct 2015 16:24

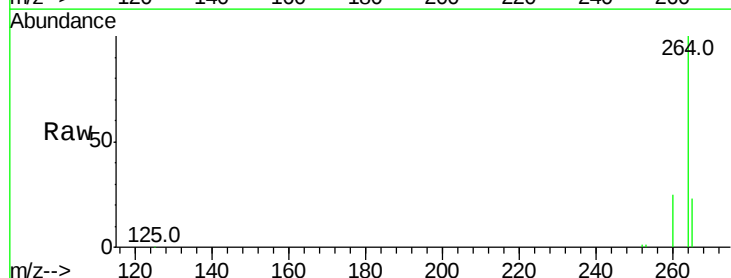
Tgt Ion:264 Resp: 575738

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 23.0 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

