

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092315\
 Data File : BE090951.D
 Acq On : 23 Sep 2015 16:10
 Operator : UM/IZ
 Sample : PB85559BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85559BL

Quant Time: Sep 24 04:00:40 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	7.54	152	31874	5.00	ng	0.00
7) Naphthalene-d8	10.32	136	128933	5.00	ng	0.02
13) Acenaphthene-d10	14.17	164	79671	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	187207	5.00	ng	0.00
26) Chrysene-d12	21.07	240	236678	5.00	ng	0.00
33) Perylene-d12	23.36	264	211498	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	43077	6.02	ng	-0.01
5) Phenol-d6	6.79	99	50832m	5.12	ng	0.03
8) Nitrobenzene-d5	8.73	82	25802m	2.90	ng	0.03
14) 2,4,6-Tribromophenol	15.69	330	14171	5.04	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	62618m	2.77	ng	0.01
28) Terphenyl-d14	19.53	244	115437	4.30	ng	0.00

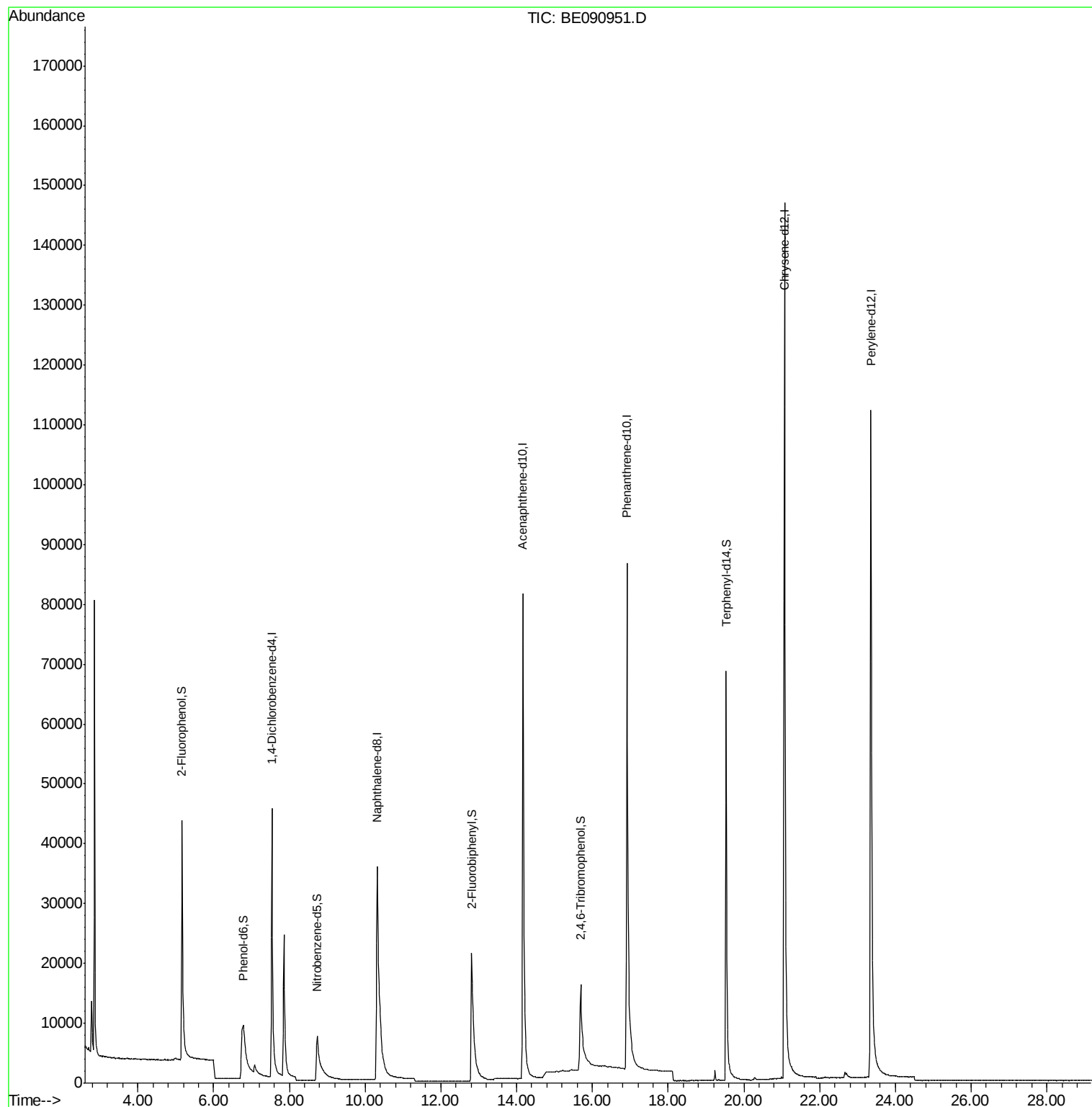
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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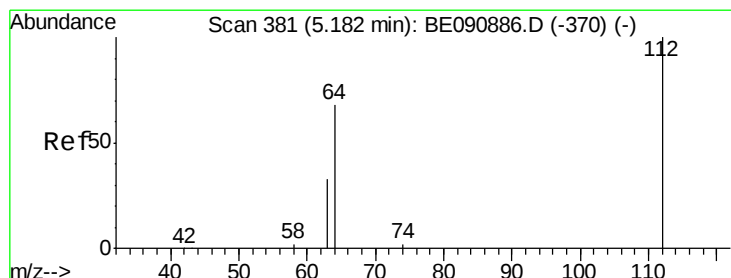
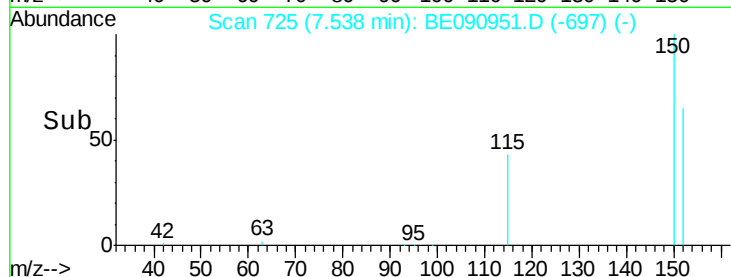
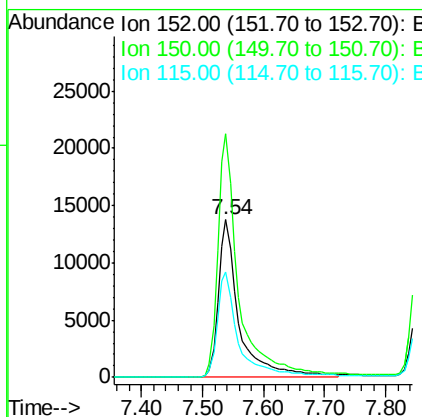
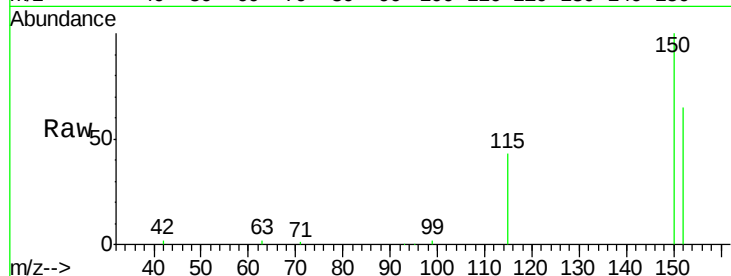




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.54 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BE090951.D
 Acq: 23 Sep 2015 16:10

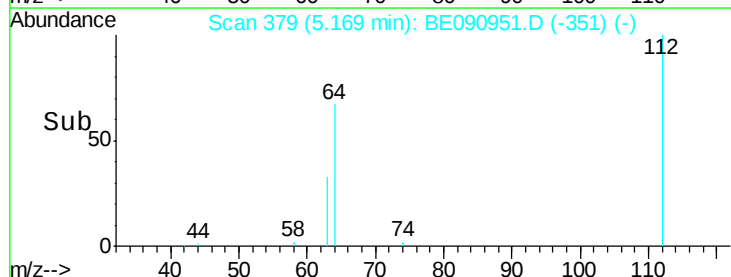
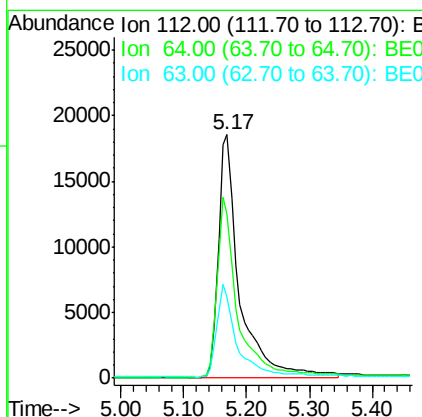
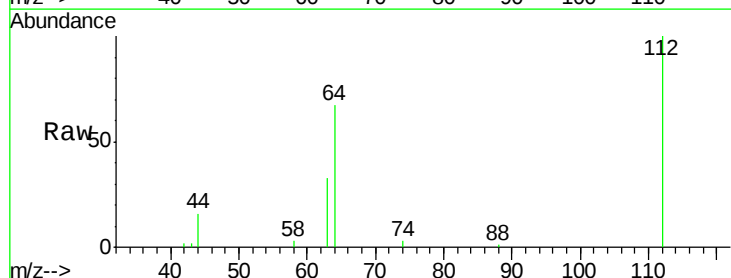
Instrument :
 BNA_E
 ClientSampleId :
 PB85559BL

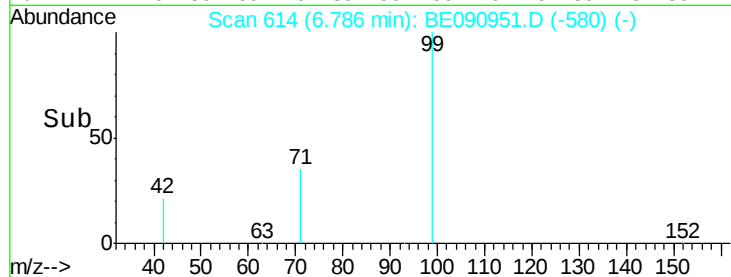
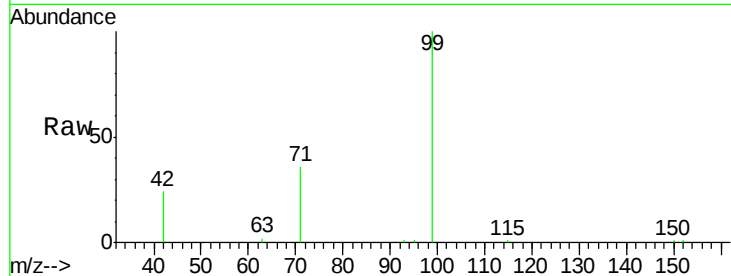
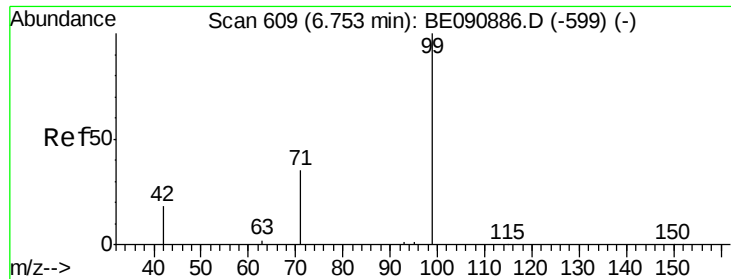
Tgt Ion:152 Resp: 31874
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.2 183.4
 115 66.8 51.0 76.4



#4
 2-Fluorophenol
 Concen: 6.02 ng
 RT: 5.17 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: BE090951.D
 Acq: 23 Sep 2015 16:10

Tgt Ion:112 Resp: 43077
 Ion Ratio Lower Upper
 112 100
 64 72.2 57.3 85.9
 63 37.3 29.2 43.8





#5

Phenol-d6

Concen: 5.12 ng m

RT: 6.79 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE090951.D

Acq: 23 Sep 2015 16:10

Instrument :

BNA_E

ClientSampleId :

PB85559BL

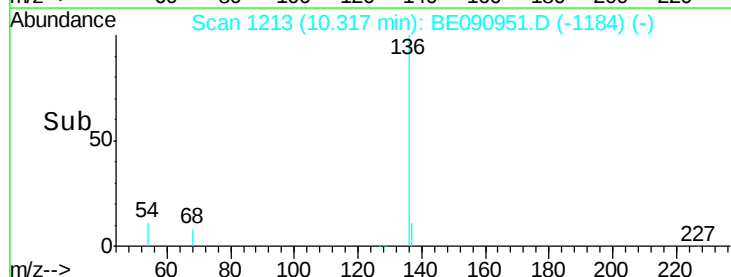
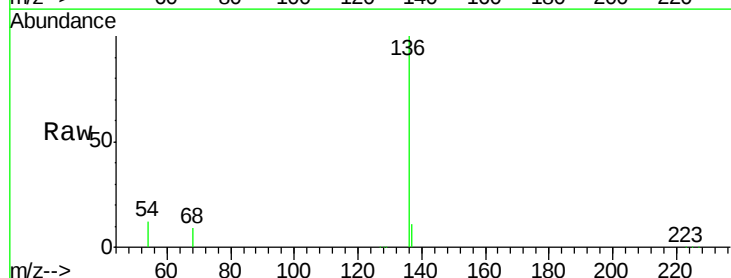
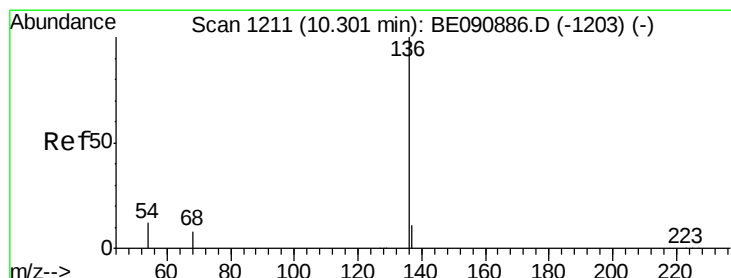
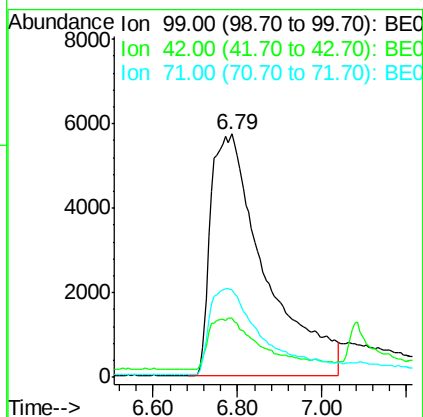
Tgt Ion: 99 Resp: 50832

Ion Ratio Lower Upper

99 100

42 0.0 16.8 25.2#

71 31.0 28.3 42.5



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.32 min Scan# 1213

Delta R.T. 0.02 min

Lab File: BE090951.D

Acq: 23 Sep 2015 16:10

Tgt Ion: 136 Resp: 128933

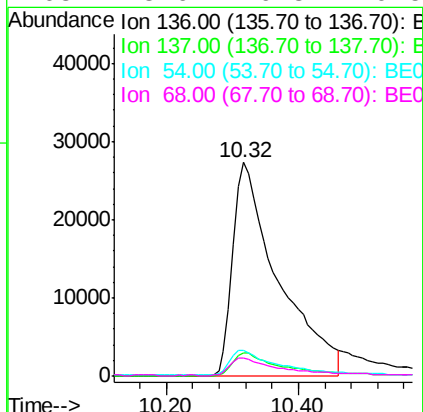
Ion Ratio Lower Upper

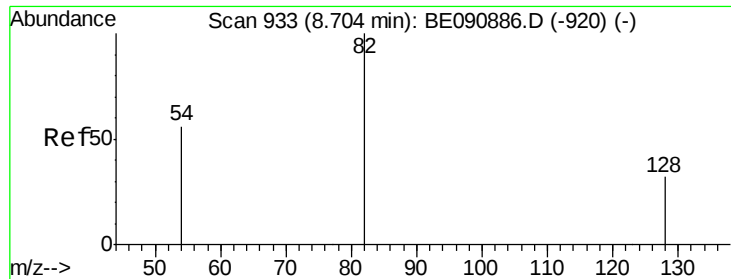
136 100

137 10.9 8.7 13.1

54 11.8 9.0 13.6

68 8.6 6.3 9.5

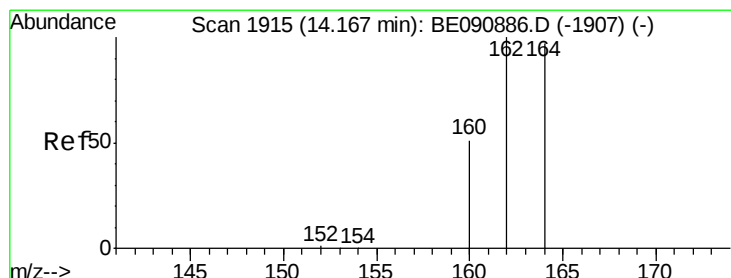
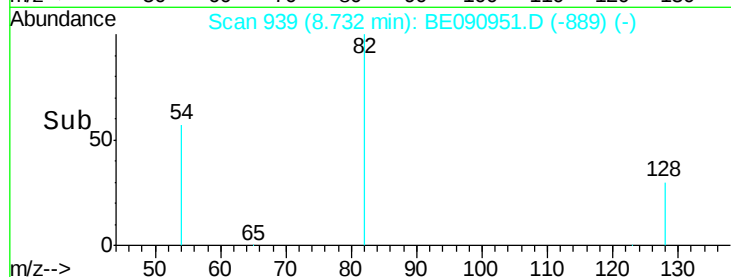
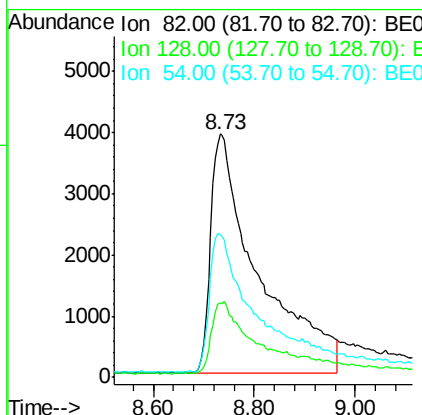
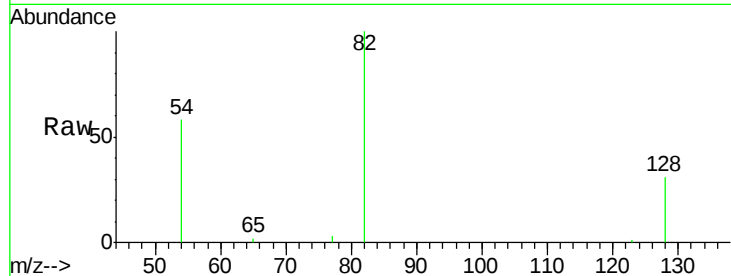




#8
 Nitrobenzene-d5
 Concen: 2.90 ng m
 RT: 8.73 min Scan# 939
 Delta R.T. 0.03 min
 Lab File: BE090951.D
 Acq: 23 Sep 2015 16:10

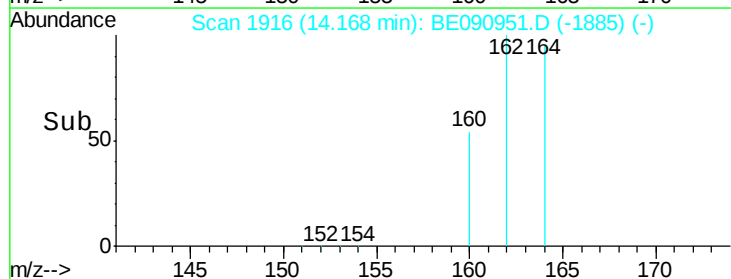
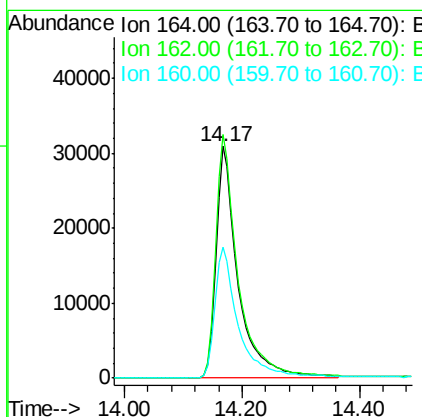
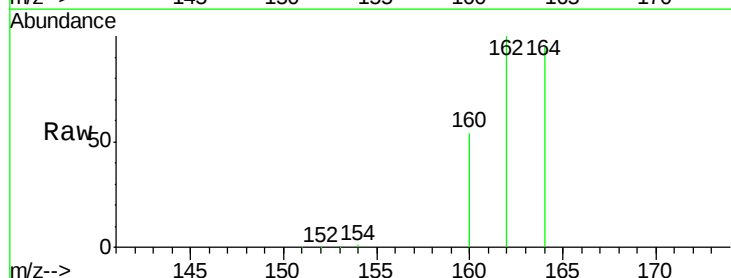
Instrument :
 BNA_E
 ClientSampleId :
 PB85559BL

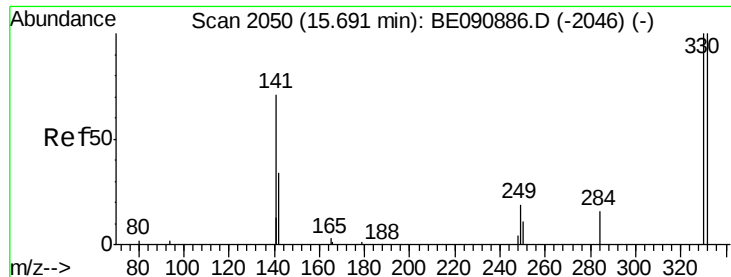
Tgt Ion: 82 Resp: 25802
 Ion Ratio Lower Upper
 82 100
 128 30.7 25.0 37.4
 54 58.3 46.3 69.5



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.17 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BE090951.D
 Acq: 23 Sep 2015 16:10

Tgt Ion: 164 Resp: 79671
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.8 130.2
 160 56.7 53.9 80.9

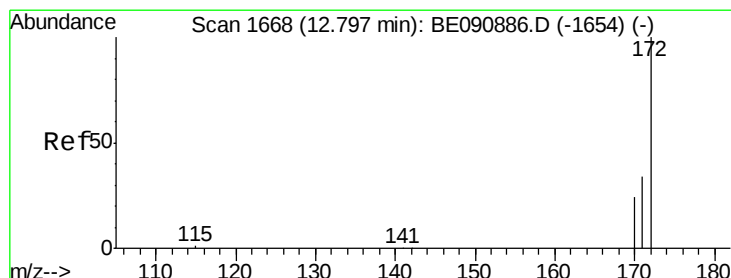
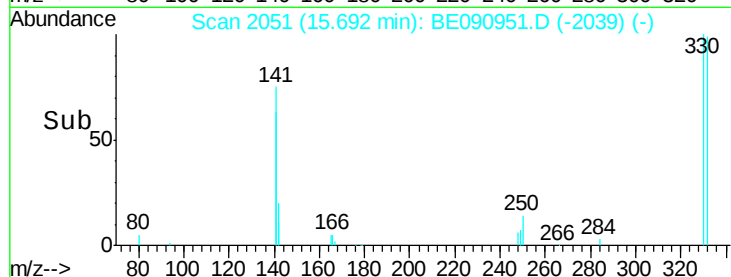
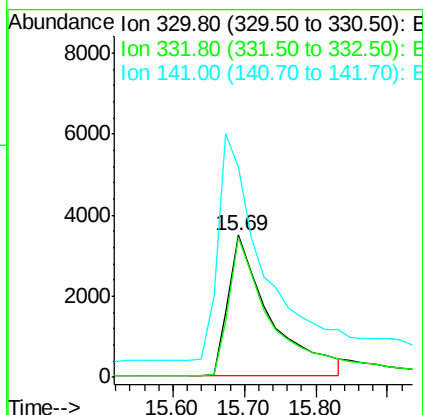
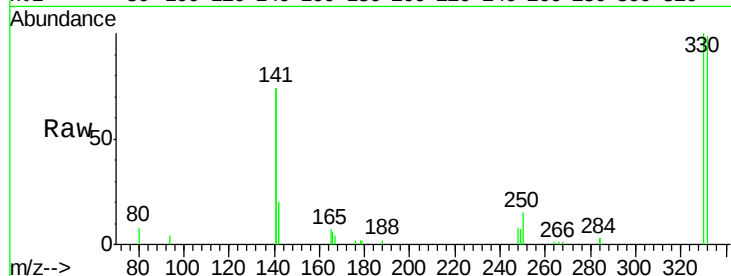




#14
 2,4,6-Tribromophenol
 Concen: 5.04 ng
 RT: 15.69 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BE090951.D
 Acq: 23 Sep 2015 16:10

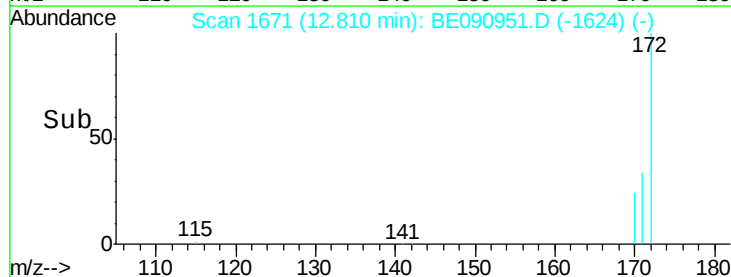
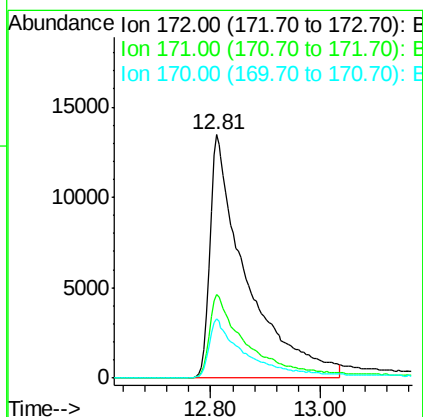
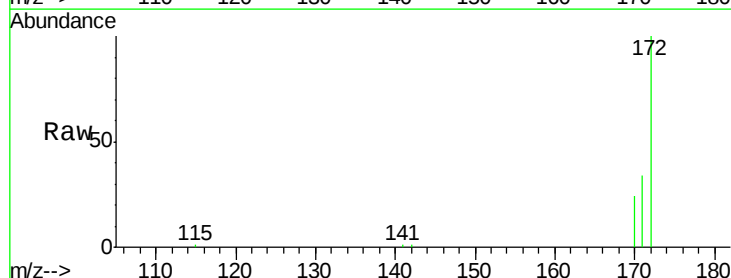
Instrument :
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 ClientSampleId :
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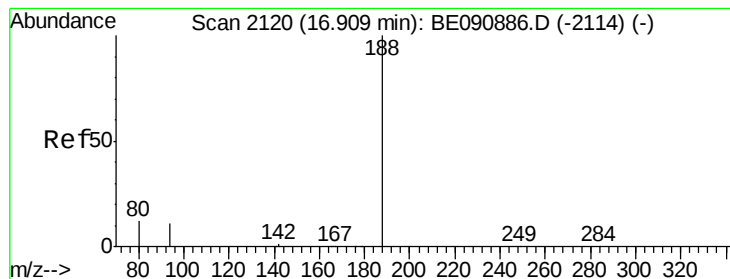
Tgt Ion: 330 Resp: 14171
 Ion Ratio Lower Upper
 330 100
 332 96.3 74.9 112.3
 141 169.9 145.2 217.8



#15
 2-Fluorobiphenyl
 Concen: 2.77 ng m
 RT: 12.81 min Scan# 1671
 Delta R.T. 0.01 min
 Lab File: BE090951.D
 Acq: 23 Sep 2015 16:10

Tgt Ion: 172 Resp: 62618
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.8 41.8
 170 24.1 19.8 29.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE090951.D

Acq: 23 Sep 2015 16:10

Instrument :

BNA_E

ClientSampleId :

PB85559BL

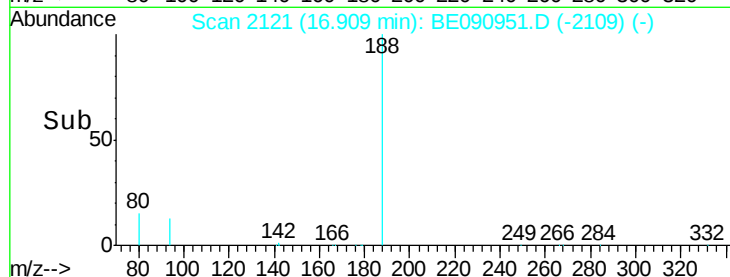
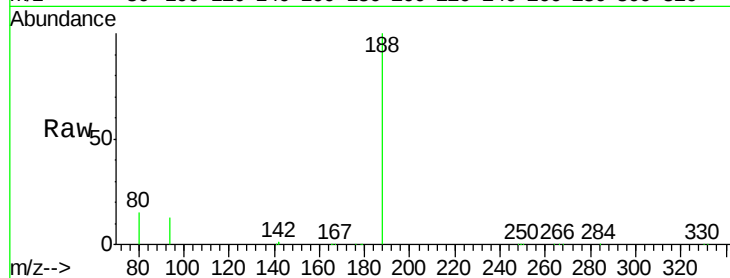
Tgt Ion:188 Resp: 187207

Ion Ratio Lower Upper

188 100

94 13.4 10.3 15.5

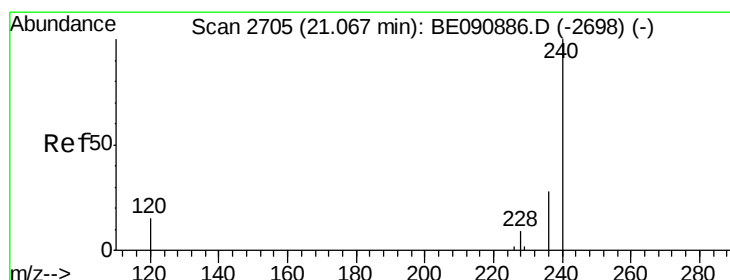
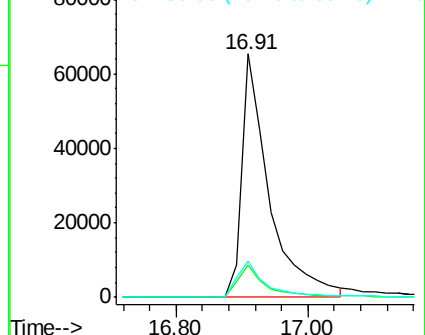
80 15.0 11.0 16.6



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: BE090951.D

Acq: 23 Sep 2015 16:10

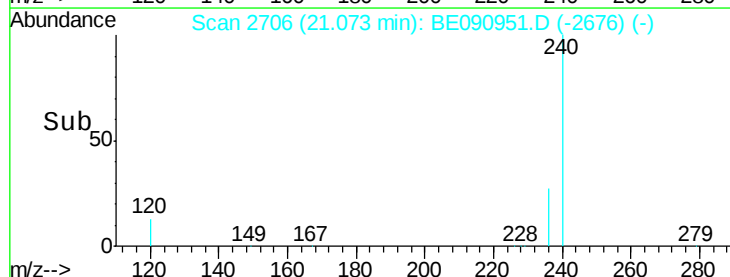
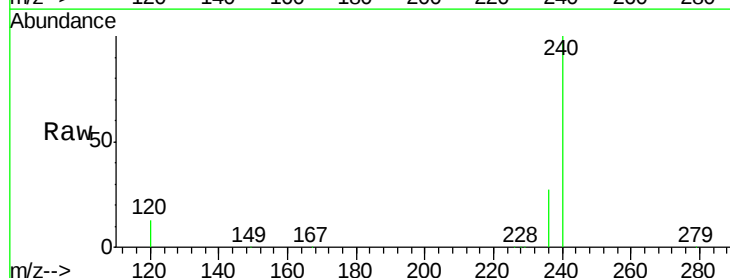
Tgt Ion:240 Resp: 236678

Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

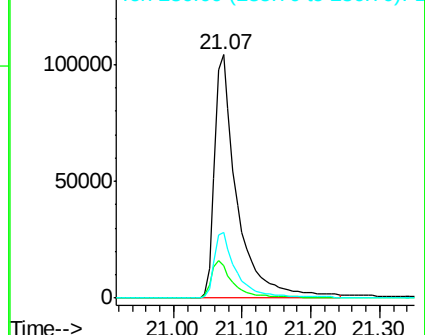
236 26.8 21.9 32.9

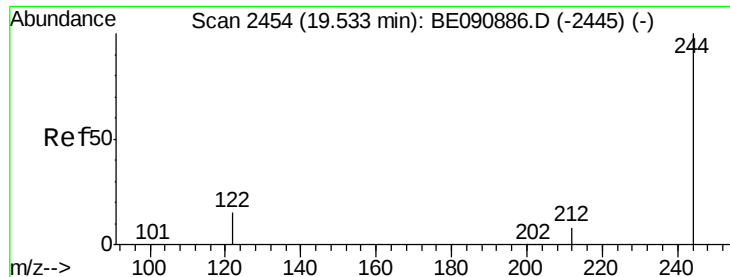


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 4.30 ng

RT: 19.53 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BE090951.D

Acq: 23 Sep 2015 16:10

Instrument :

BNA_E

ClientSampleId :

PB85559BL

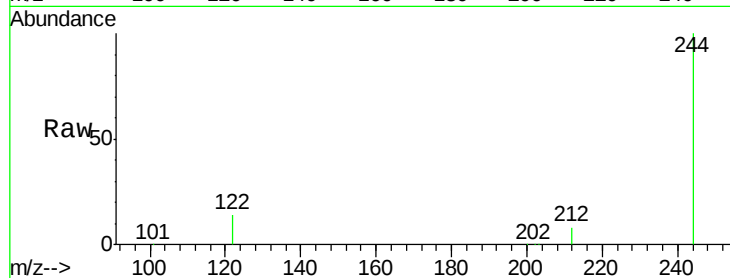
Tgt Ion:244 Resp: 115437

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

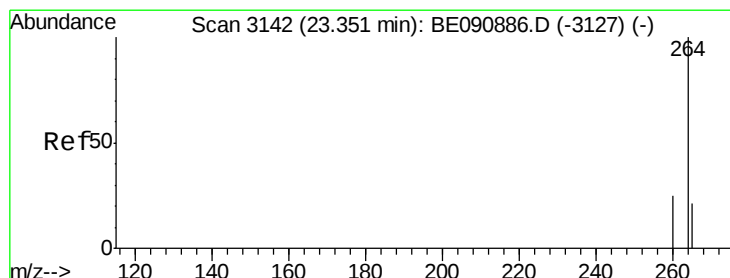
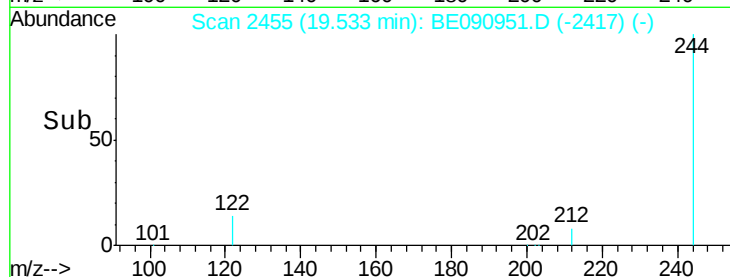
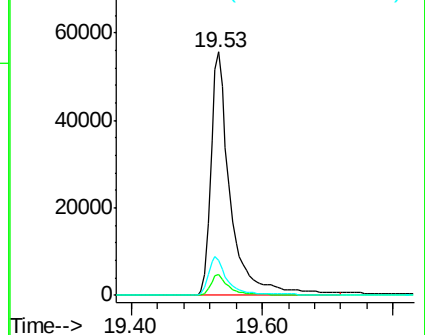
122 14.2 12.9 19.3



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: BE090951.D

Acq: 23 Sep 2015 16:10

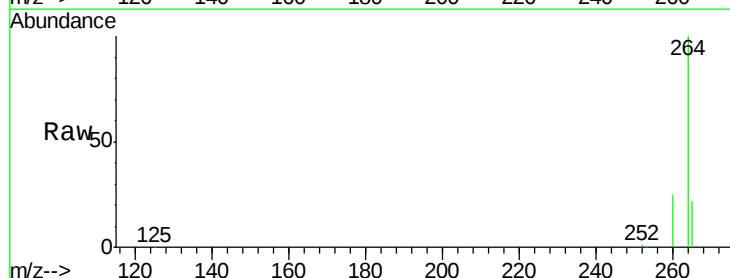
Tgt Ion:264 Resp: 211498

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.9 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

