

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102315\
 Data File : BE091043.D
 Acq On : 23 Oct 2015 20:56
 Operator : UM/NP
 Sample : G4143-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-21

Quant Time: Oct 24 05:05:11 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 02:19:56 2015
 Response via : Initial Calibration

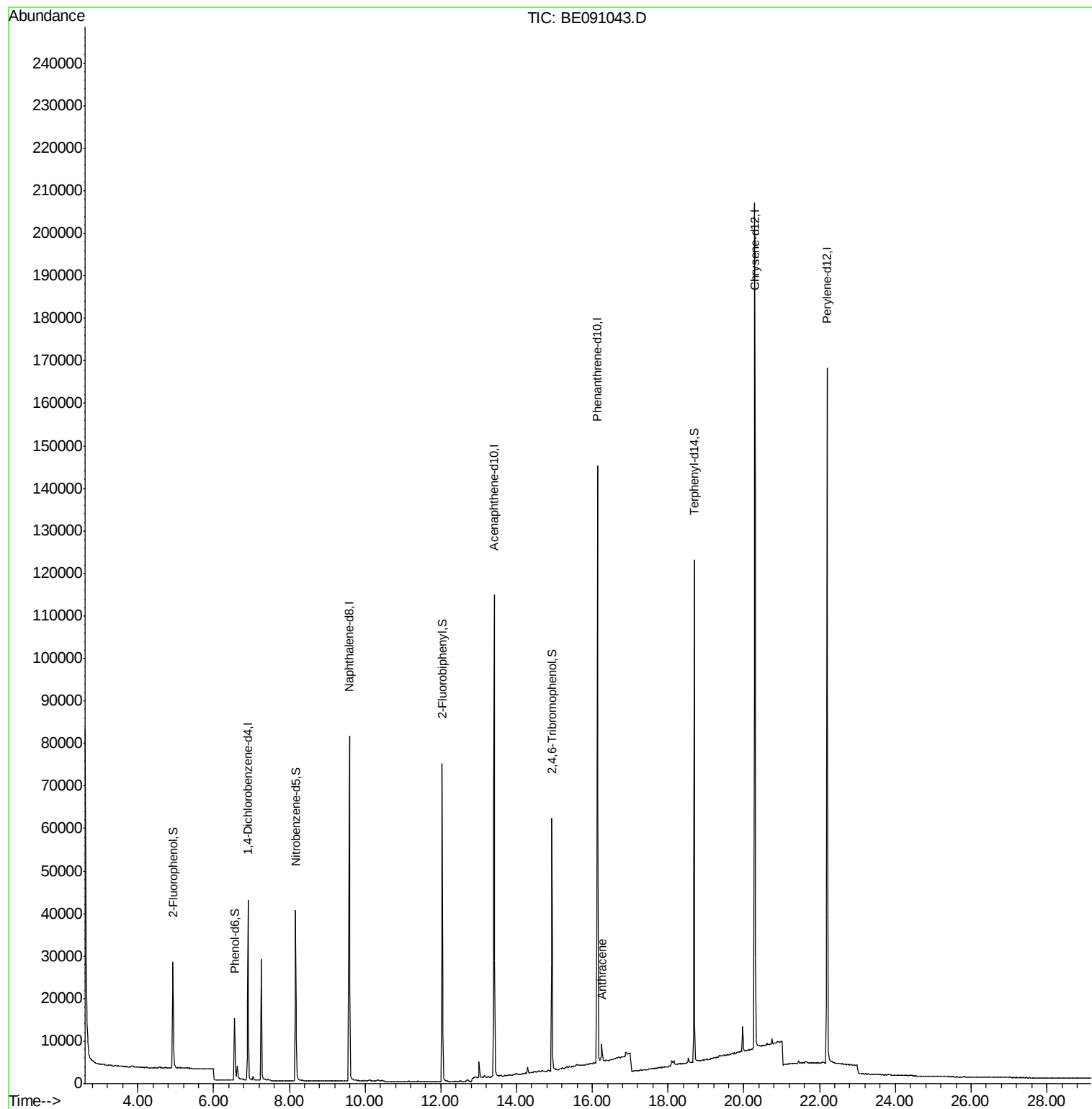
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	18816	5.00	ng	0.00
7) Naphthalene-d8	9.58	136	99808	5.00	ng	0.00
13) Acenaphthene-d10	13.41	164	60293	5.00	ng	0.00
19) Phenanthrene-d10	16.13	188	147553	5.00	ng	0.00
26) Chrysene-d12	20.29	240	172037	5.00	ng	0.00
35) Perylene-d12	22.20	264	166834	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.93	112	17123	4.52	ng	-0.01
5) Phenol-d6	6.55	99	16866	3.50	ng	0.00
8) Nitrobenzene-d5	8.17	82	35337	5.35	ng	-0.01
14) 2,4,6-Tribromophenol	14.93	330	23075	10.98	ng	-0.01
15) 2-Fluorobiphenyl	12.04	172	68603	4.20	ng	0.00
29) Terphenyl-d14	18.69	244	117636	5.54	ng	0.00
Target Compounds						
24) Anthracene	16.25	178	4363	0.15	ng	Qvalue # 90

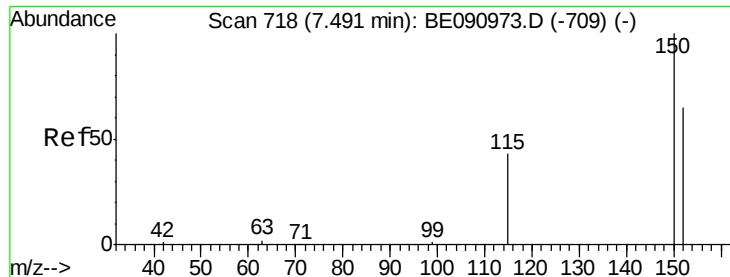
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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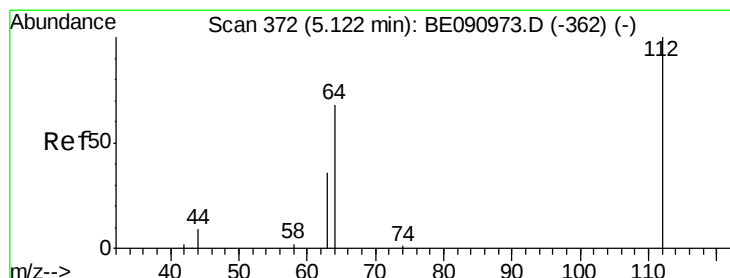
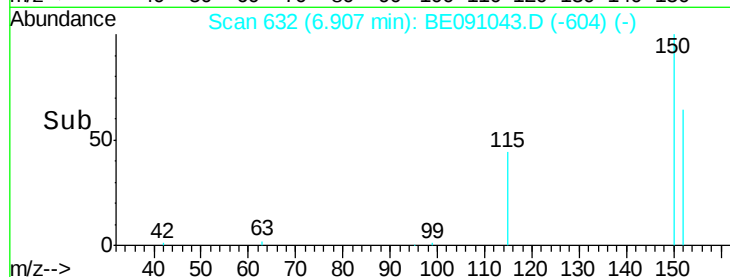
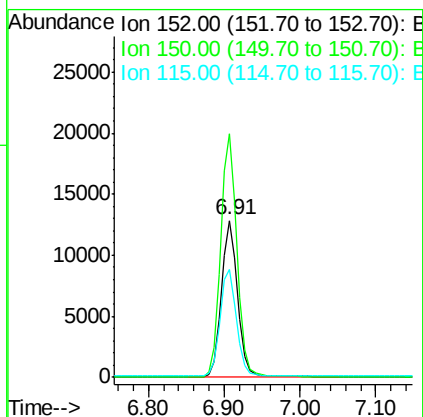
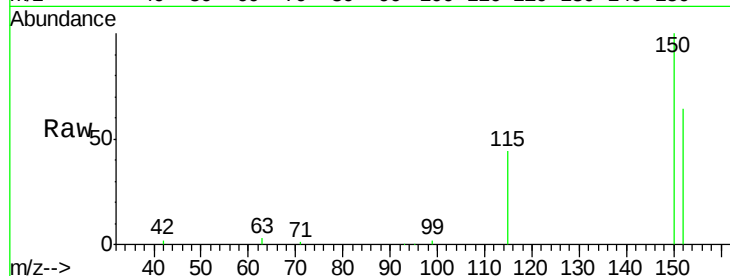


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Instrument :
BNA_E
ClientSampleId :
YT-MW-21

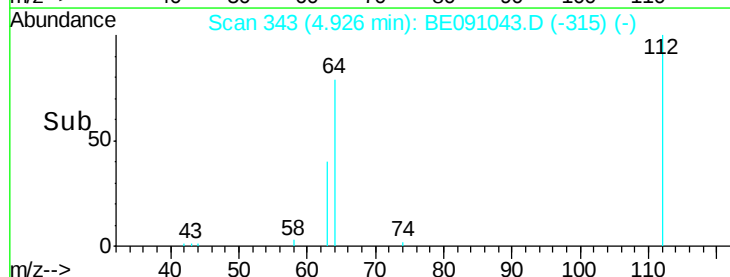
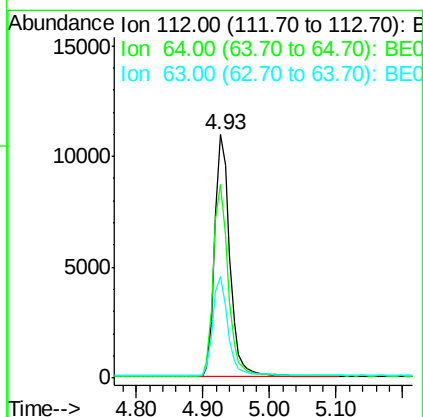
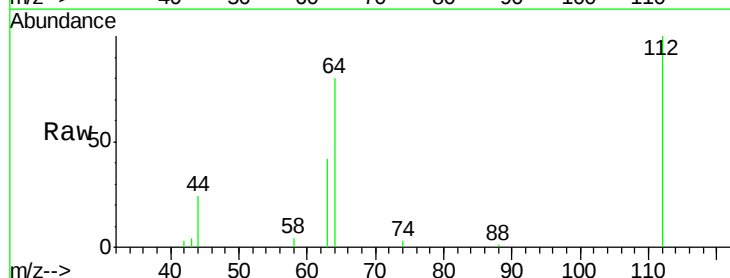
Tgt Ion:152 Resp: 18816
Ion Ratio Lower Upper
152 100
150 155.4 122.6 183.8
115 68.9 52.8 79.2

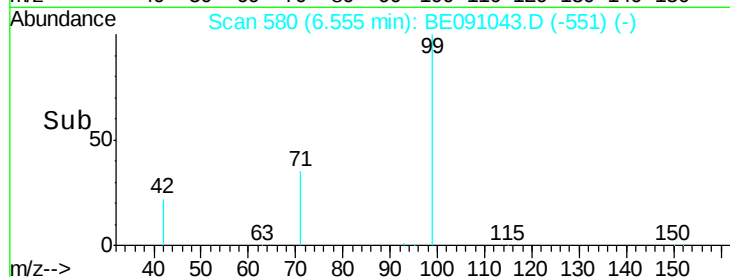
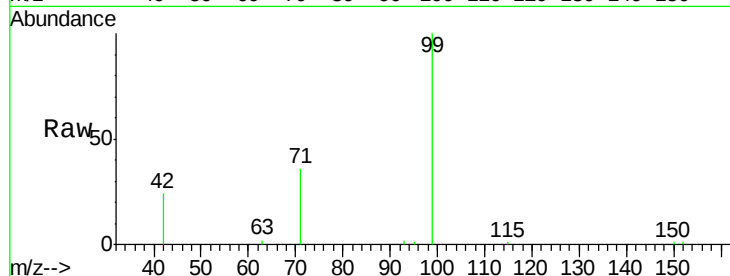
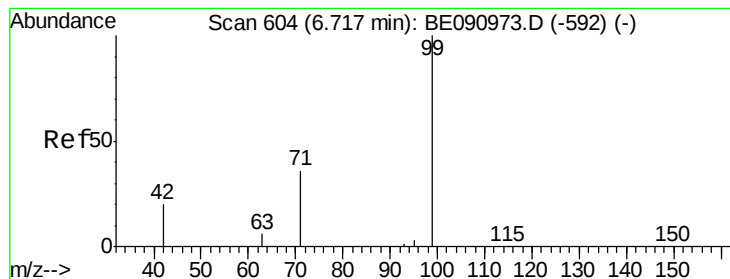


#4

2-Fluorophenol
Concen: 4.52 ng
RT: 4.93 min Scan# 343
Delta R.T. -0.01 min
Lab File: BE091043.D
Acq: 23 Oct 2015 20:56

Tgt Ion:112 Resp: 17123
Ion Ratio Lower Upper
112 100
64 78.7 30.9 46.3#
63 40.5 16.7 25.1#





#5

Phenol-d6

Concen: 3.50 ng

RT: 6.55 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE091043.D

Acq: 23 Oct 2015 20:56

Instrument :

BNA_E

ClientSampleId :

YT-MW-21

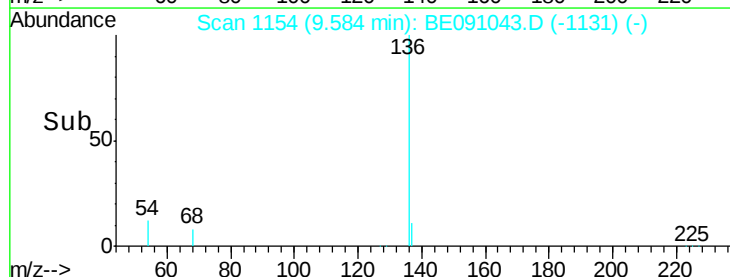
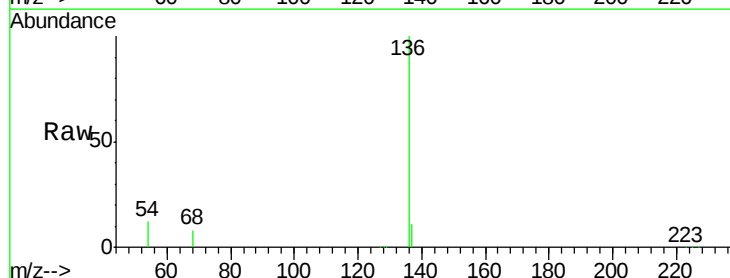
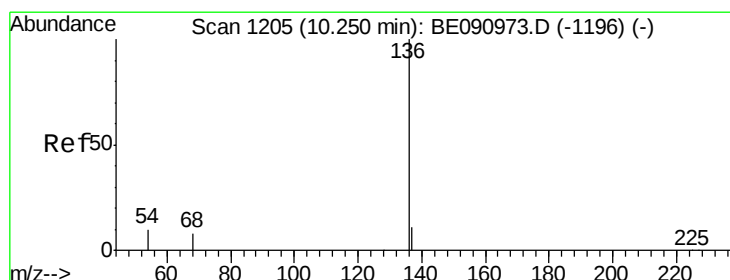
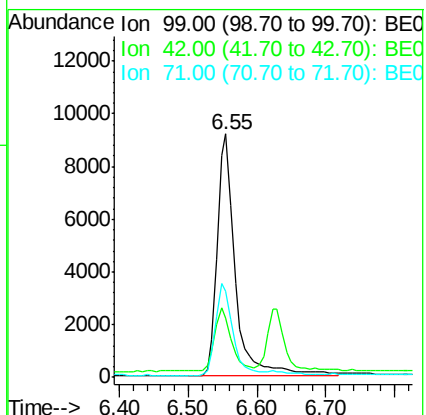
Tgt Ion: 99 Resp: 16866

Ion Ratio Lower Upper

99 100

42 23.7 16.2 24.2

71 36.1 29.0 43.4



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.58 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE091043.D

Acq: 23 Oct 2015 20:56

Tgt Ion: 136 Resp: 99808

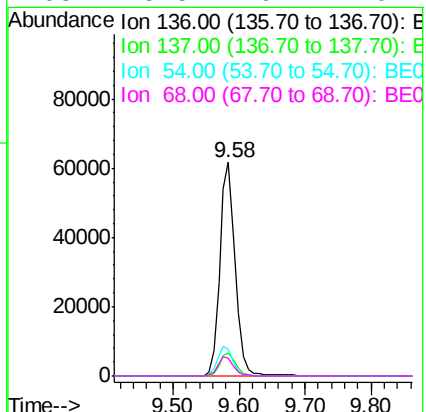
Ion Ratio Lower Upper

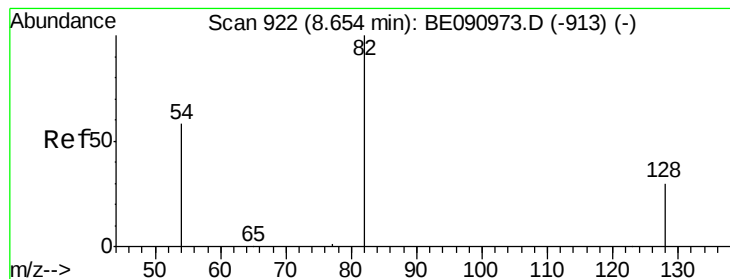
136 100

137 11.1 8.9 13.3

54 12.3 8.2 12.4

68 8.5 6.2 9.4





#8

Nitrobenzene-d5

Concen: 5.35 ng

RT: 8.17 min Scan# 862

Delta R.T. -0.01 min

Lab File: BE091043.D

Acq: 23 Oct 2015 20:56

Instrument :

BNA_E

ClientSampleId :

YT-MW-21

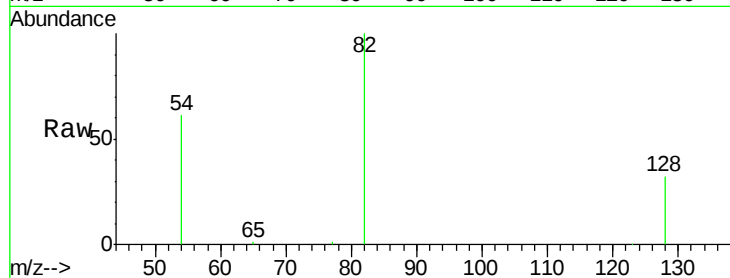
Tgt Ion: 82 Resp: 35337

Ion Ratio Lower Upper

82 100

128 31.9 25.4 38.0

54 61.0 48.4 72.6

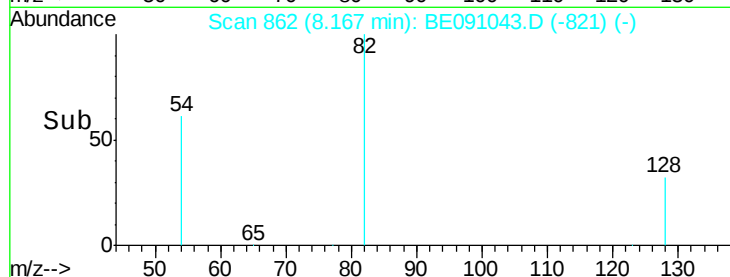


Abundance Ion 82.00 (81.70 to 82.70): BE091043.D (-821) (-)

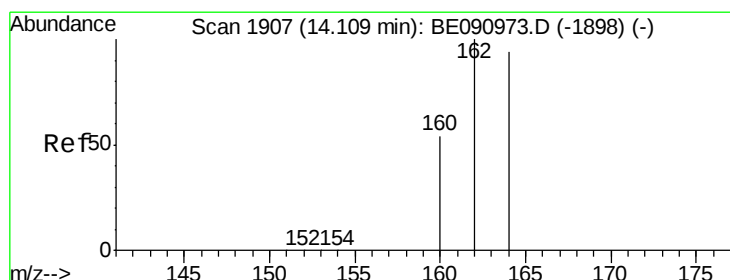
Ion 128.00 (127.70 to 128.70): BE091043.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BE091043.D (-821) (-)

Time--> 8.00 8.10 8.20 8.30



Time--> 8.00 8.10 8.20 8.30



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.41 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BE091043.D

Acq: 23 Oct 2015 20:56

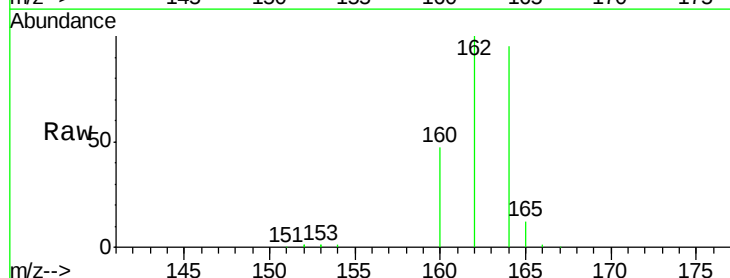
Tgt Ion: 164 Resp: 60293

Ion Ratio Lower Upper

164 100

162 105.2 85.3 127.9

160 49.8 46.2 69.2

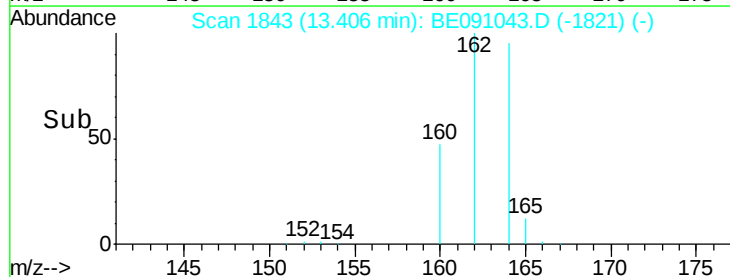


Abundance Ion 164.00 (163.70 to 164.70): BE091043.D (-1821) (-)

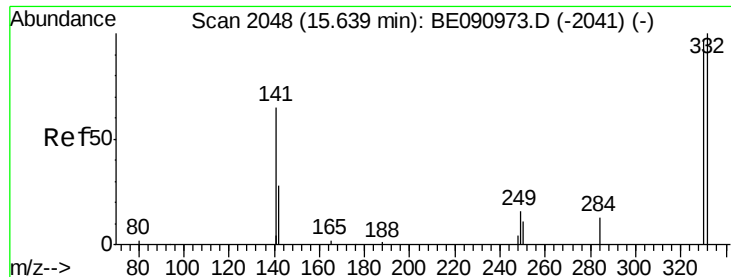
Ion 162.00 (161.70 to 162.70): BE091043.D (-1821) (-)

Ion 160.00 (159.70 to 160.70): BE091043.D (-1821) (-)

Time--> 13.30 13.40 13.50 13.60



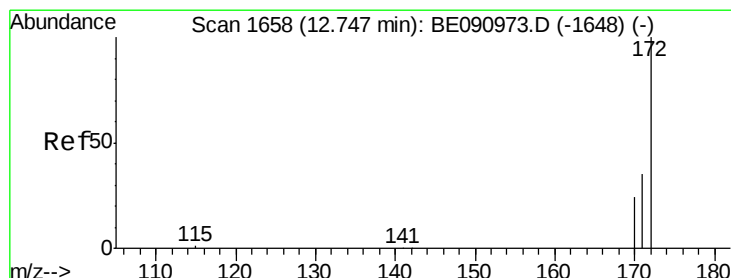
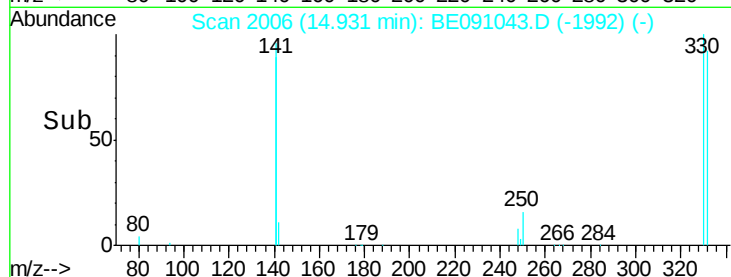
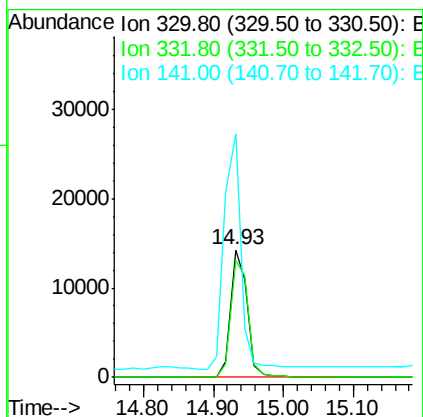
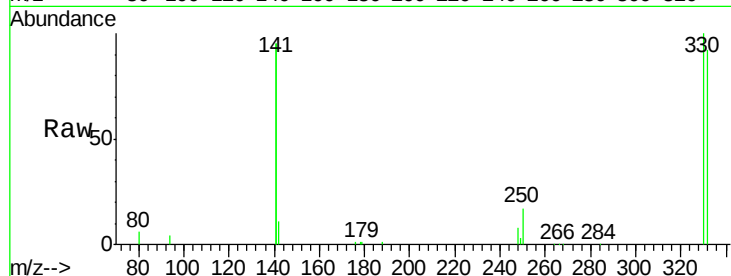
Time--> 13.30 13.40 13.50 13.60



#14
 2,4,6-Tribromophenol
 Concen: 10.98 ng
 RT: 14.93 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BE091043.D
 Acq: 23 Oct 2015 20:56

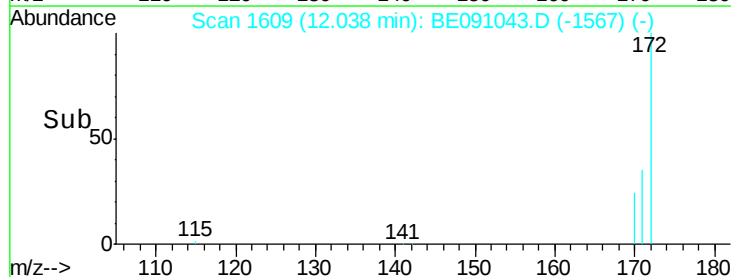
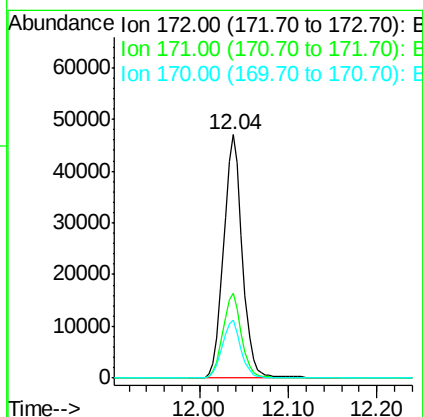
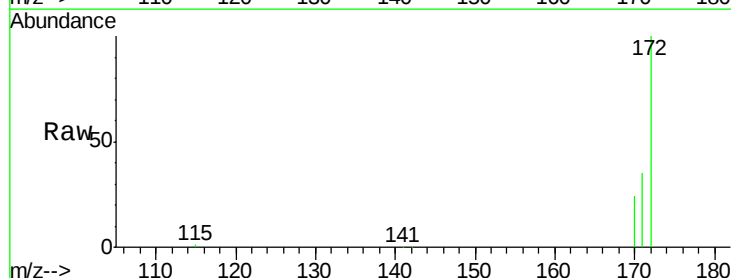
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-21

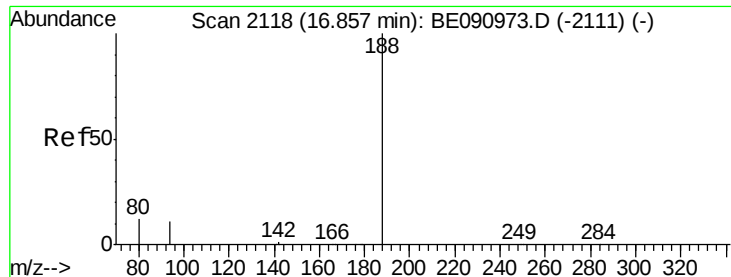
Tgt Ion:330 Resp: 23075
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.1 118.7
 141 189.3 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 4.20 ng
 RT: 12.04 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BE091043.D
 Acq: 23 Oct 2015 20:56

Tgt Ion:172 Resp: 68603
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.8 43.2
 170 23.9 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.13 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE091043.D

Acq: 23 Oct 2015 20:56

Instrument :

BNA_E

ClientSampleId :

YT-MW-21

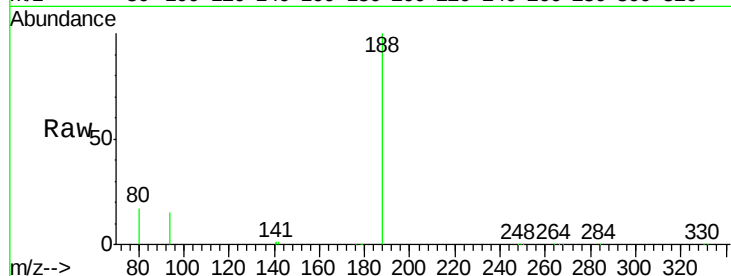
Tgt Ion:188 Resp: 147553

Ion Ratio Lower Upper

188 100

94 14.8 8.7 13.1#

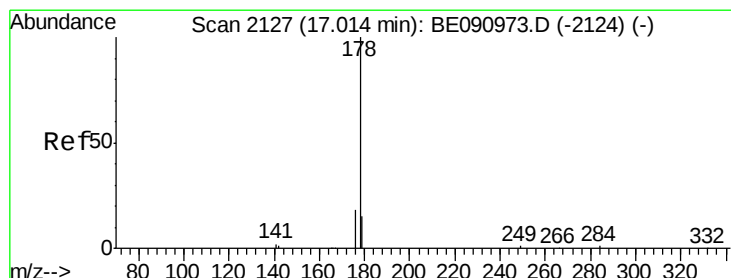
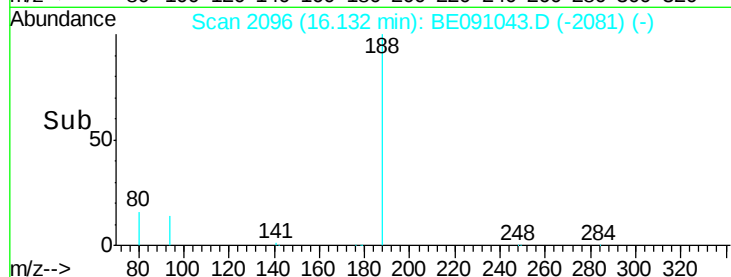
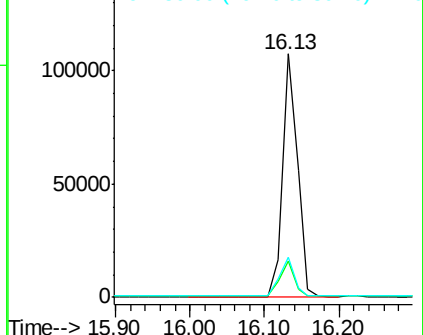
80 16.7 9.4 14.0#



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



#24

Anthracene

Concen: 0.15 ng

RT: 16.25 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BE091043.D

Acq: 23 Oct 2015 20:56

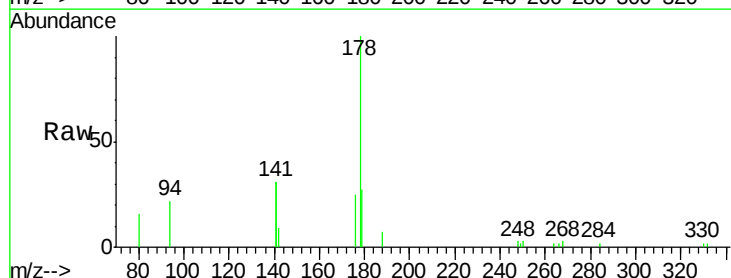
Tgt Ion:178 Resp: 4363

Ion Ratio Lower Upper

178 100

176 20.7 14.6 21.8

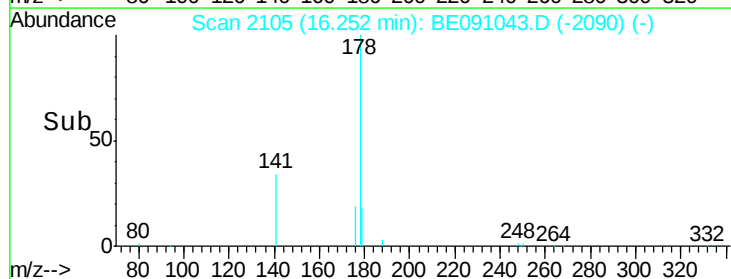
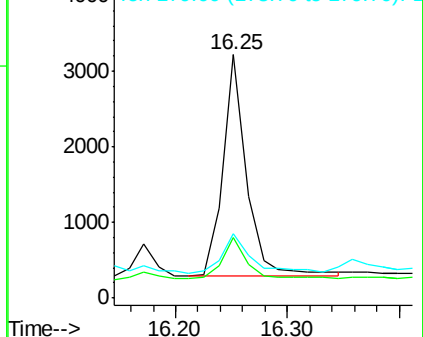
179 21.5 11.8 17.6#

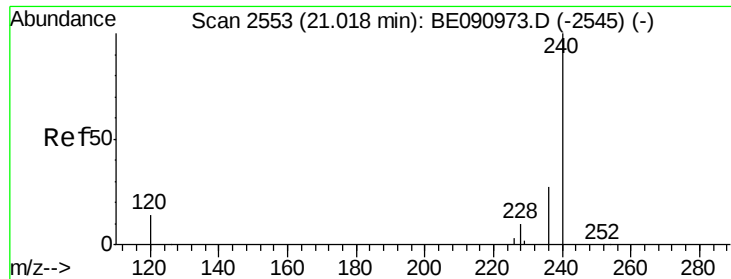


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 20.29 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BE091043.D

Acq: 23 Oct 2015 20:56

Instrument :

BNA_E

ClientSampleId :

YT-MW-21

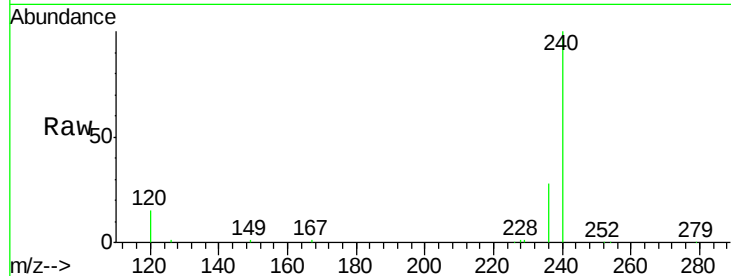
Tgt Ion:240 Resp: 172037

Ion Ratio Lower Upper

240 100

120 14.6 11.0 16.4

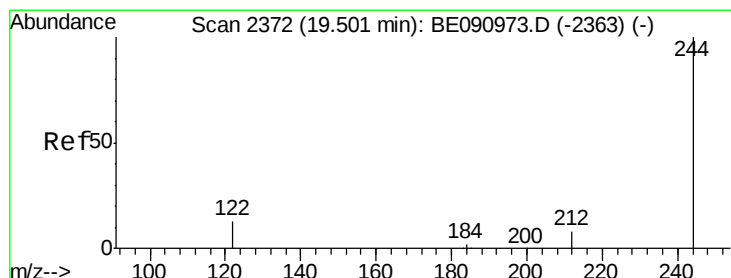
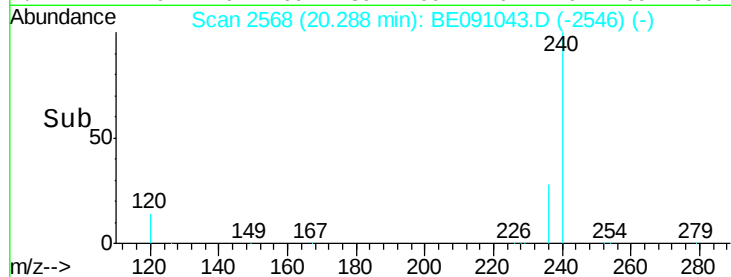
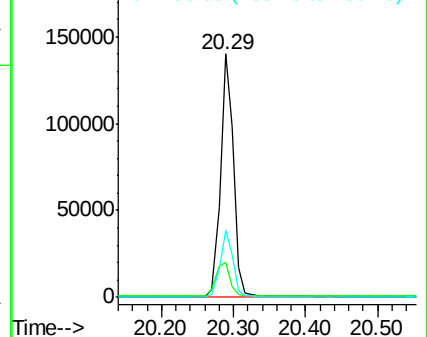
236 27.7 21.7 32.5



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: 5.54 ng

RT: 18.69 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BE091043.D

Acq: 23 Oct 2015 20:56

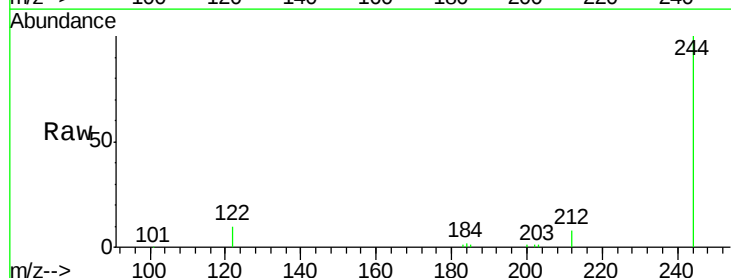
Tgt Ion:244 Resp: 117636

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

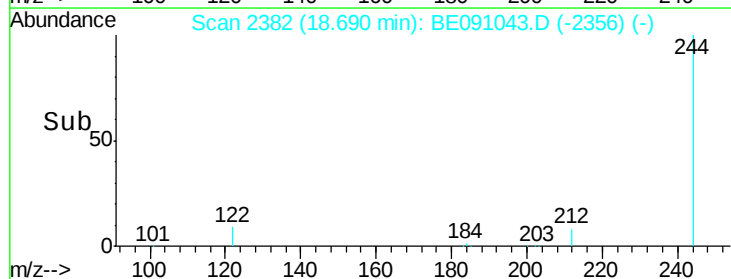
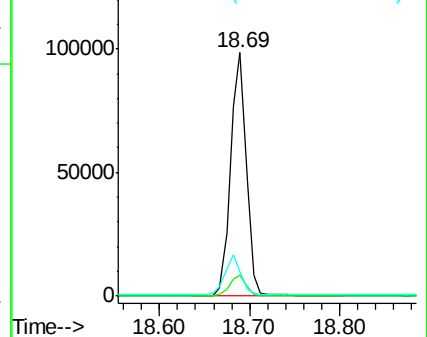
122 10.2 11.0 16.4#

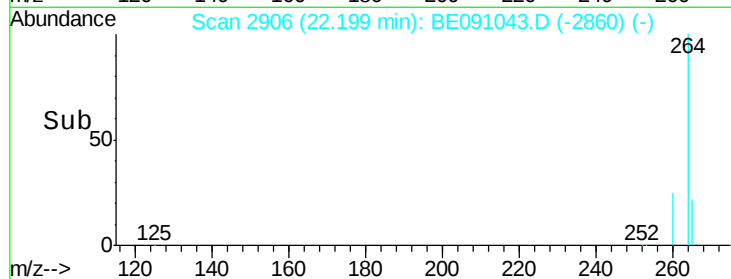
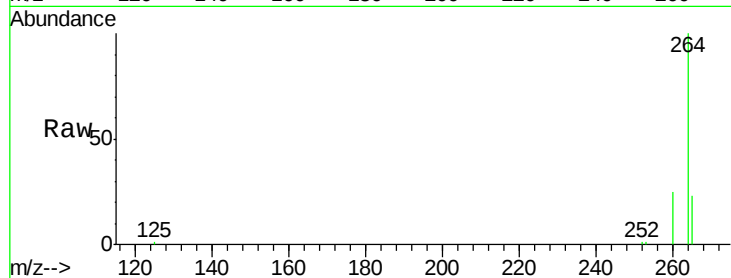
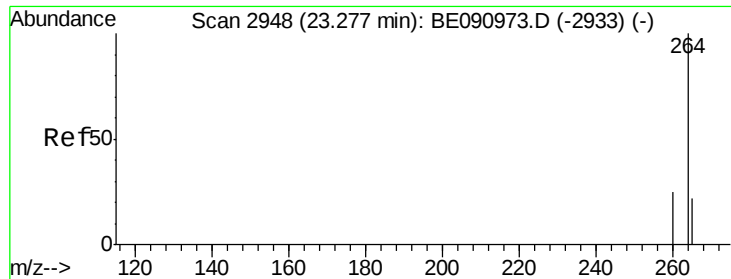


Abundance Ion 244.00 (243.70 to 244.70): E

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: 22.20 min Scan# 2906

Delta R.T. 0.01 min

Lab File: BE091043.D

Acq: 23 Oct 2015 20:56

Instrument :

BNA_E

ClientSampleId :

YT-MW-21

Tgt Ion: 264 Resp: 166834

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

265 22.9 17.5 26.3

