

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031716\
 Data File : BE091462.D
 Acq On : 17 Mar 2016 12:20
 Operator : UM/SJ
 Sample : PB88823BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB88823BL

Quant Time: Mar 17 16:07:13 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE031616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 15:28:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	61254	5.00	ng	0.00
4) Naphthalene-d8	10.61	136	268897	5.00	ng	0.00
8) Acenaphthene-d10	14.45	164	164594	5.00	ng	0.00
13) Phenanthrene-d10	17.18	188	426023	5.00	ng	0.00
19) Chrysene-d12	21.34	240	564863	5.00	ng	0.00
25) Perylene-d12	23.81	264	521768	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.98	82	50654	3.51	ng	-0.01
9) 2-Fluorobiphenyl	13.08	172	186115	4.38	ng	0.00
21) Terphenyl-d14	19.80	244	359444	4.28	ng	0.00

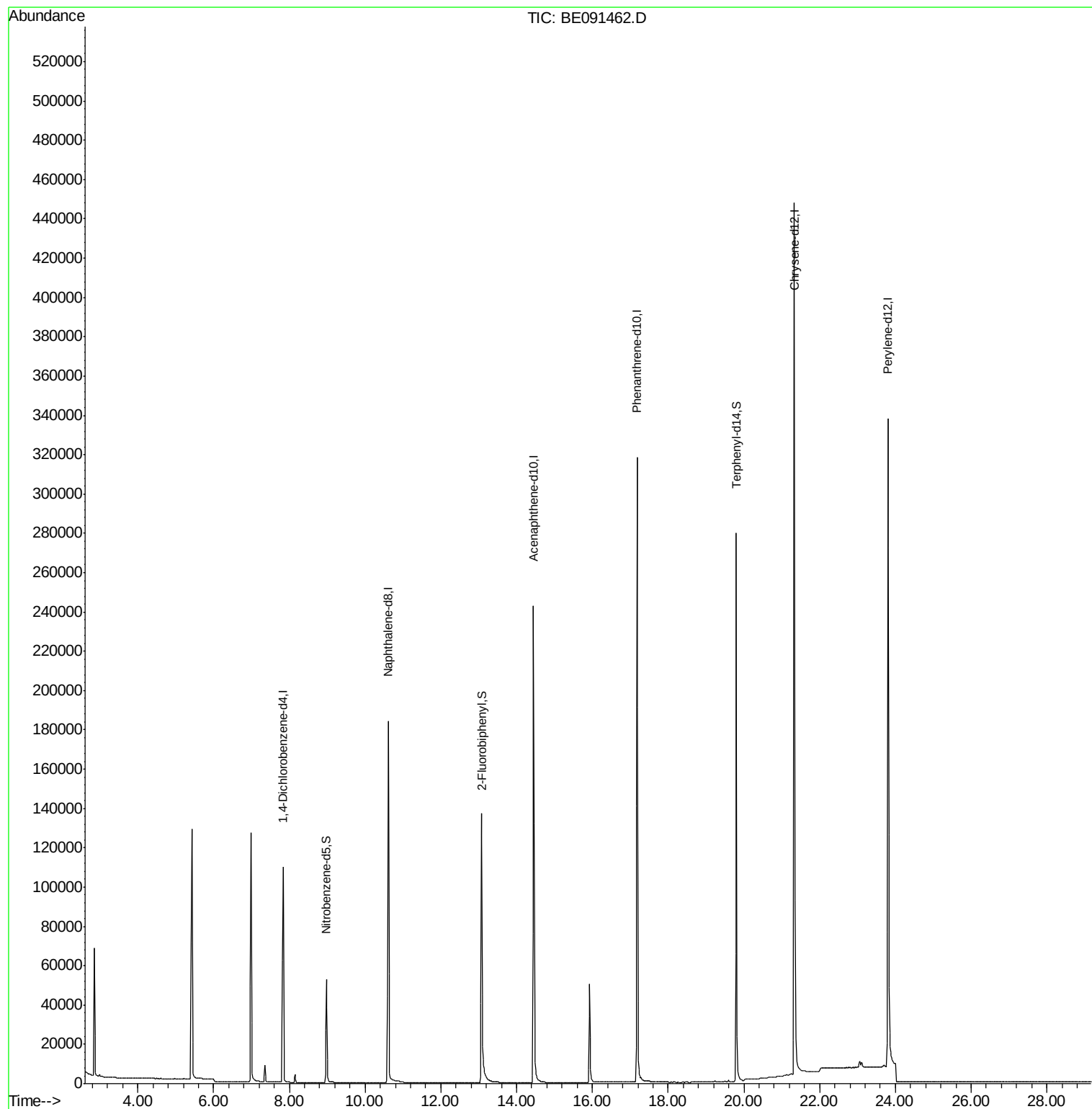
Target Compounds	Qvalue

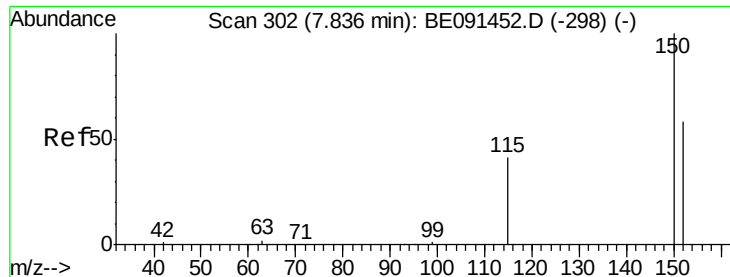
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.84 min Scan# 302

Delta R.T. 0.00 min

Lab File: BE091462.D

Acq: 17 Mar 2016 12:20

Instrument :

BNA_E

ClientSampleId :

PB88823BL

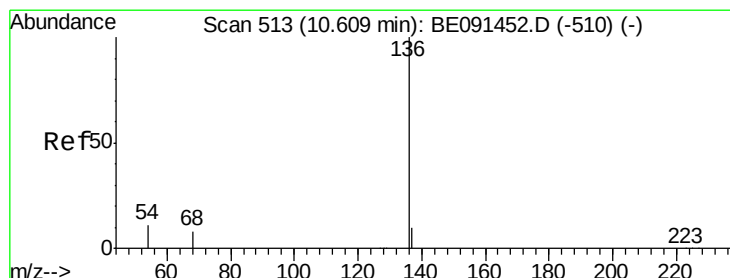
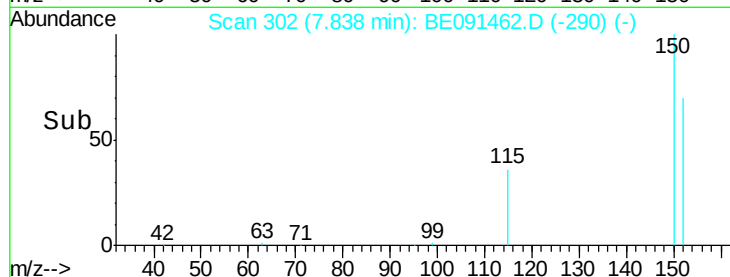
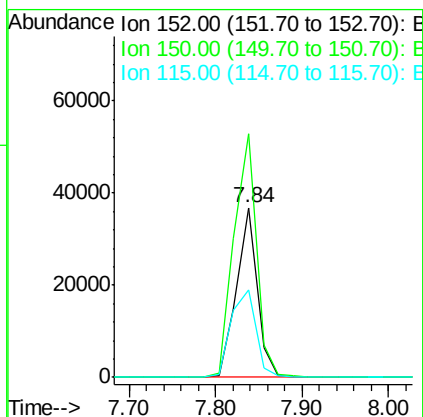
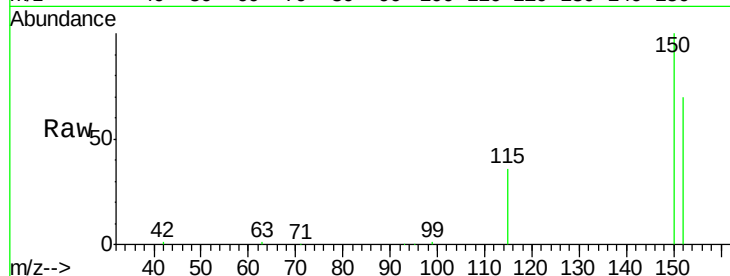
Tgt Ion:152 Resp: 61254

Ion Ratio Lower Upper

152 100

150 143.3 136.8 205.2

115 51.2 56.9 85.3#



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091462.D

Acq: 17 Mar 2016 12:20

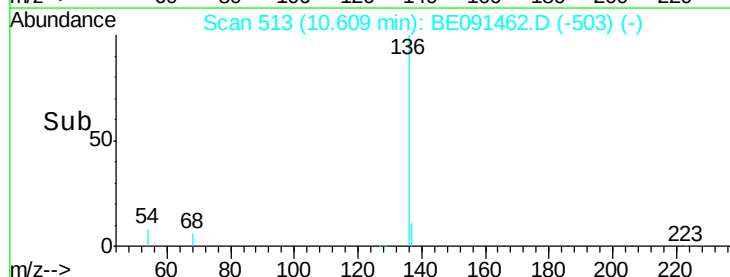
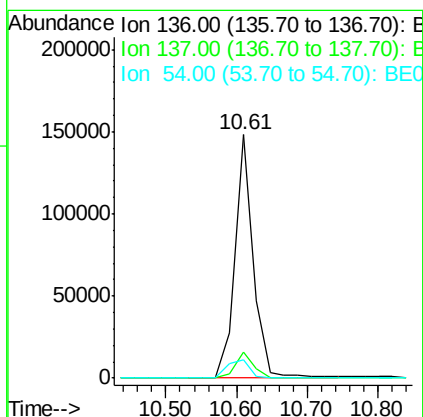
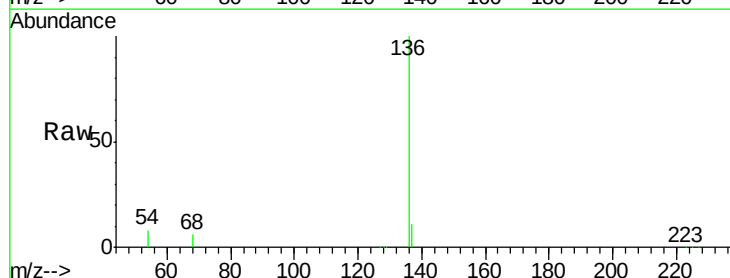
Tgt Ion:136 Resp: 268897

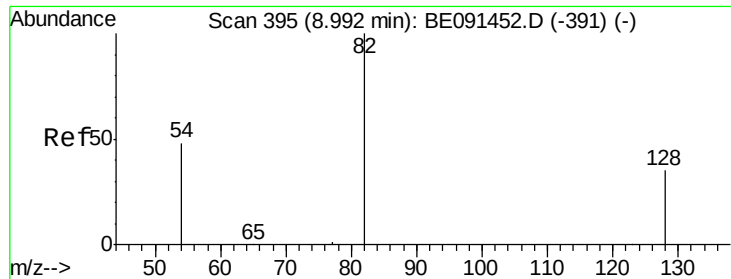
Ion Ratio Lower Upper

136 100

137 10.6 8.0 12.0

54 7.7 9.1 13.7#

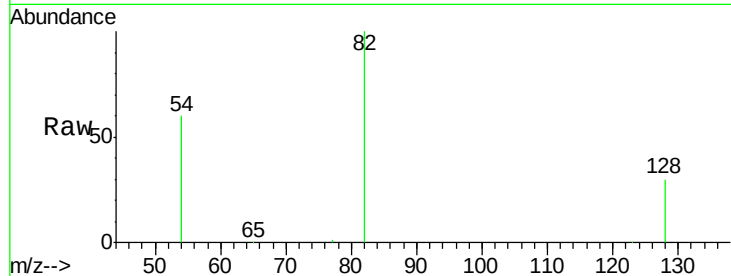




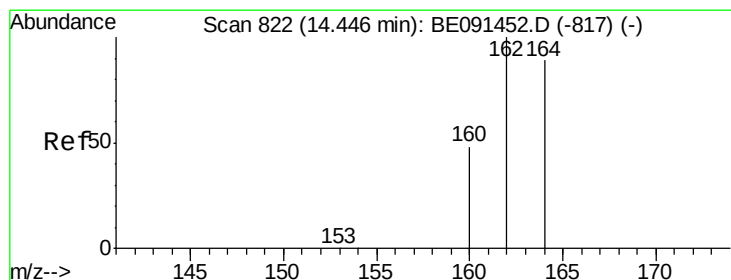
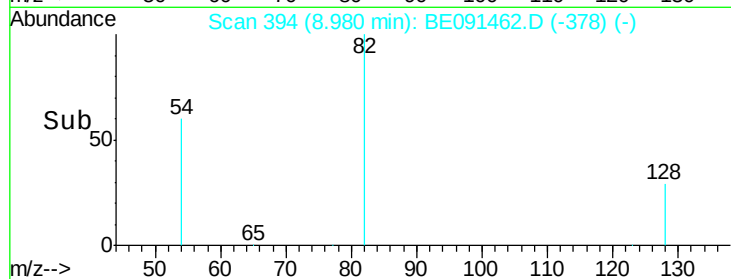
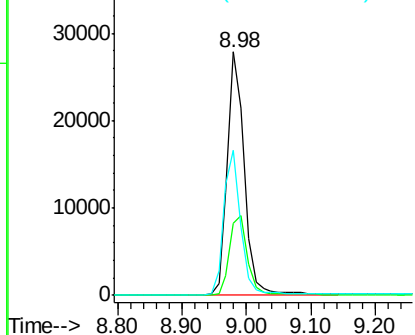
#5
 Nitrobenzene-d5
 Concen: 3.51 ng
 RT: 8.98 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BE091462.D
 Acq: 17 Mar 2016 12:20

Instrument :
 BNA_E
 ClientSampleId :
 PB88823BL

Tgt Ion: 82 Resp: 50654
 Ion Ratio Lower Upper
 82 100
 128 29.5 29.4 44.2
 54 59.8 39.8 59.8#

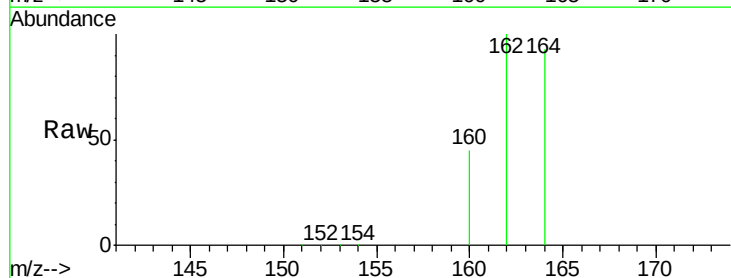


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

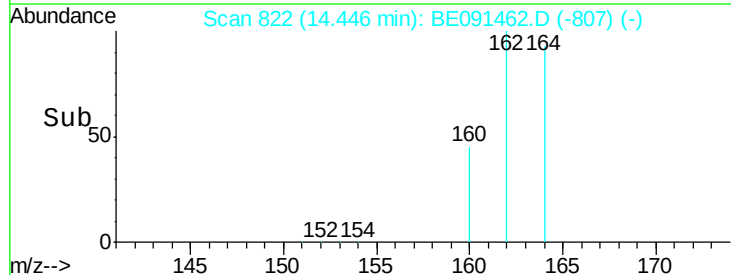
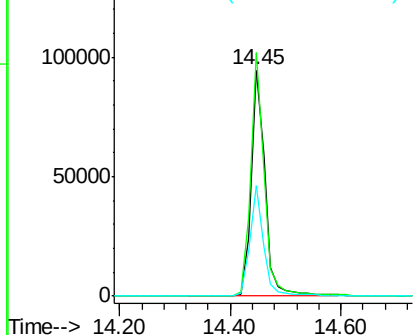


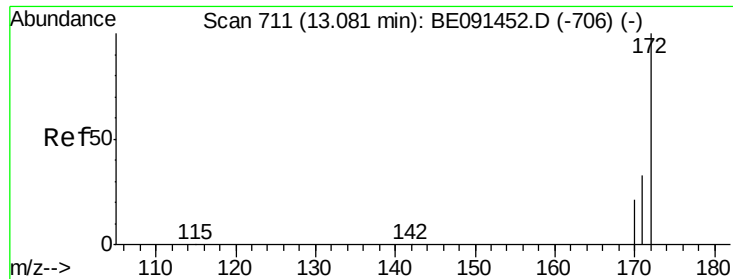
#8
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.45 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BE091462.D
 Acq: 17 Mar 2016 12:20

Tgt Ion: 164 Resp: 164594
 Ion Ratio Lower Upper
 164 100
 162 107.7 89.8 134.8
 160 48.6 43.1 64.7



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

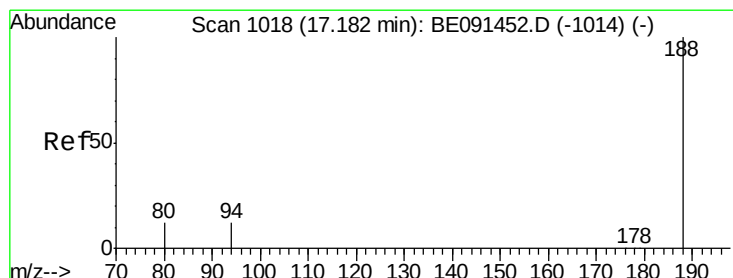
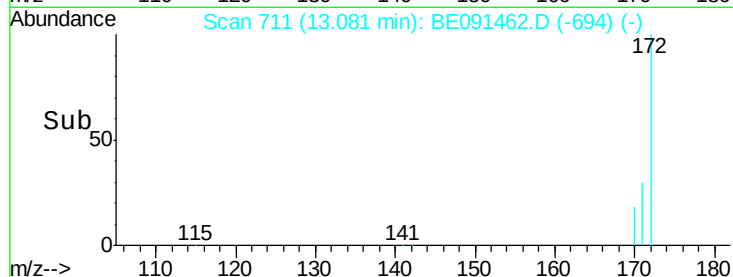
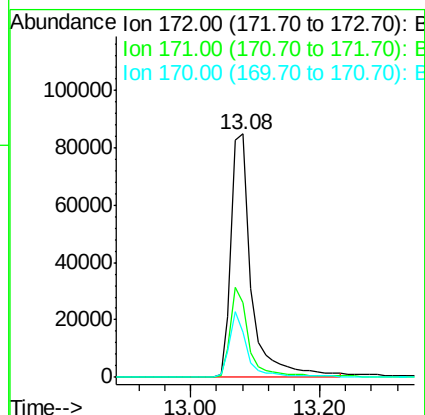
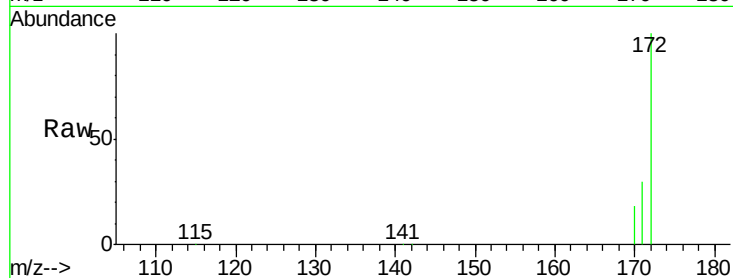




#9
2-Fluorobiphenyl
Concen: 4.38 ng
RT: 13.08 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE091462.D
Acq: 17 Mar 2016 12:20

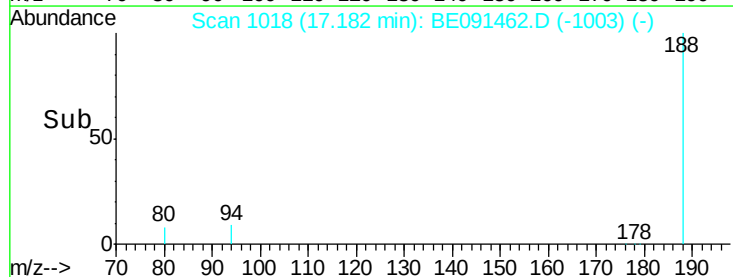
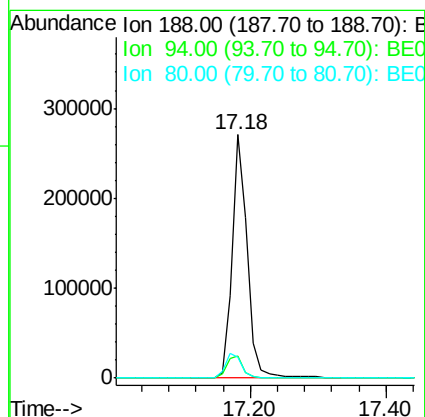
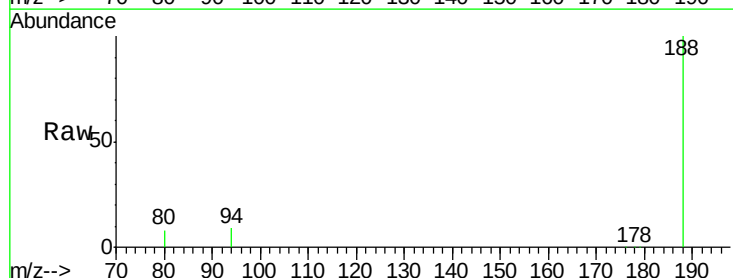
Instrument :
BNA_E
ClientSampleId :
PB88823BL

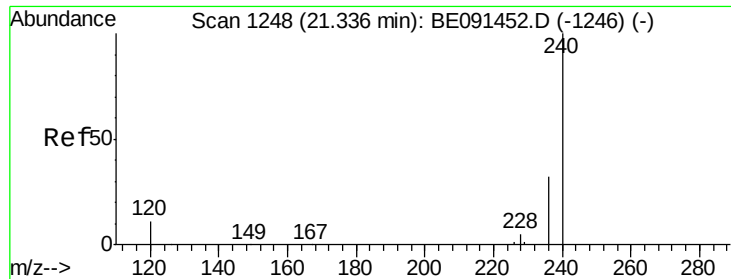
Tgt Ion:172 Resp: 186115
Ion Ratio Lower Upper
172 100
171 30.5 26.7 40.1
170 18.3 17.4 26.2



#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.18 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091462.D
Acq: 17 Mar 2016 12:20

Tgt Ion:188 Resp: 426023
Ion Ratio Lower Upper
188 100
94 8.9 9.5 14.3#
80 8.5 9.8 14.8#





#19

Chrysene-d12

Concen: 5.00 ng

RT: 21.34 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE091462.D

Acq: 17 Mar 2016 12:20

Instrument :

BNA_E

ClientSampleId :

PB88823BL

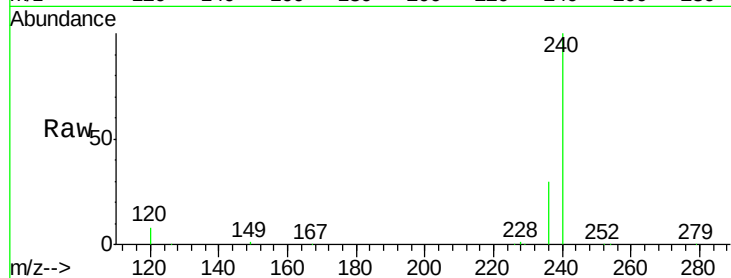
Tgt Ion:240 Resp: 564863

Ion Ratio Lower Upper

240 100

120 8.2 8.8 13.2#

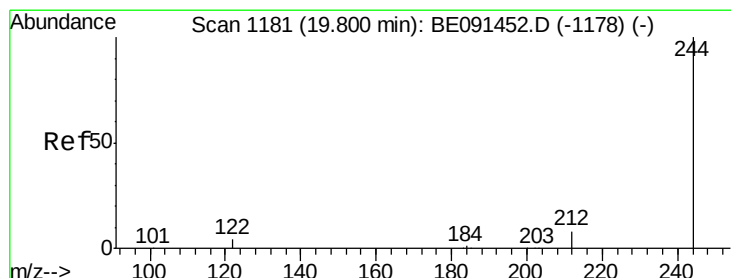
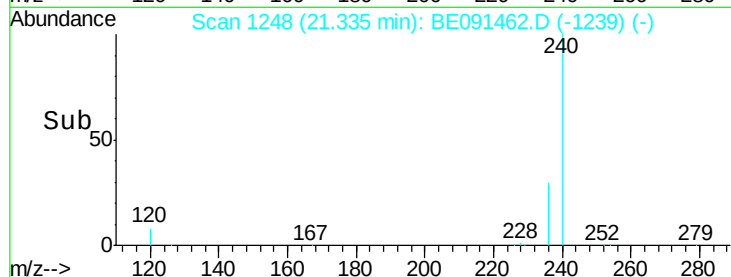
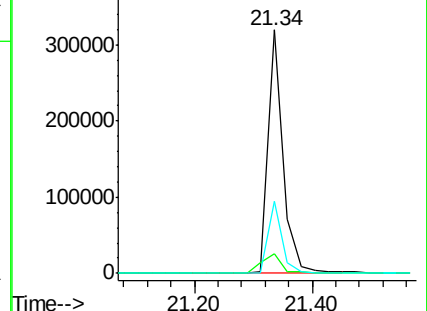
236 29.7 25.7 38.5



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



#21

Terphenyl-d14

Concen: 4.28 ng

RT: 19.80 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE091462.D

Acq: 17 Mar 2016 12:20

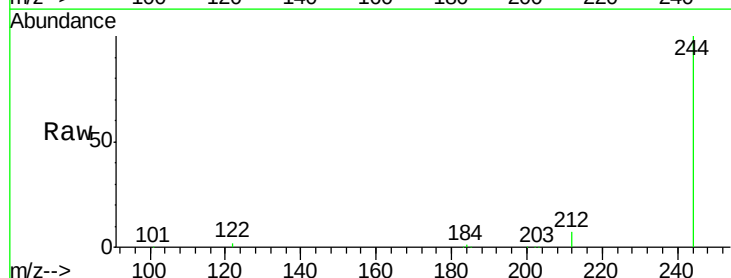
Tgt Ion:244 Resp: 359444

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

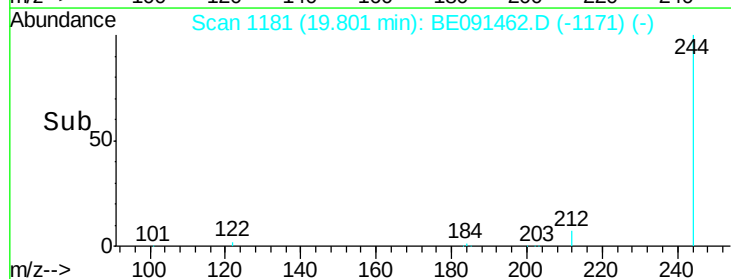
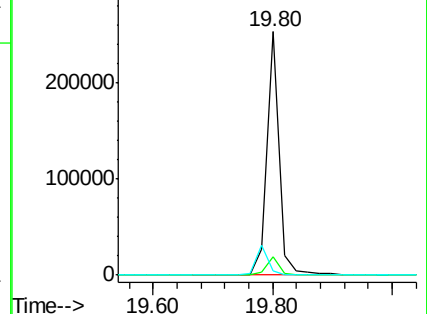
122 2.0 3.4 5.0#

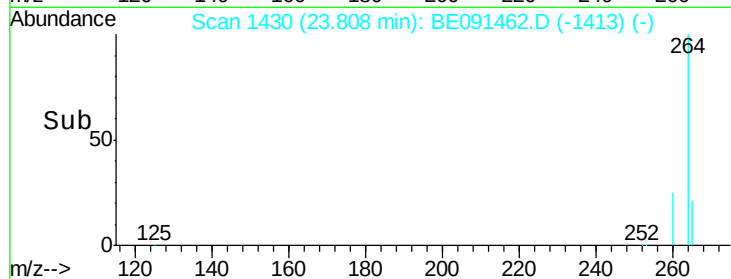
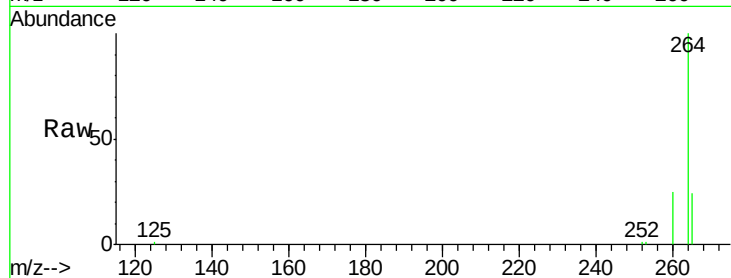
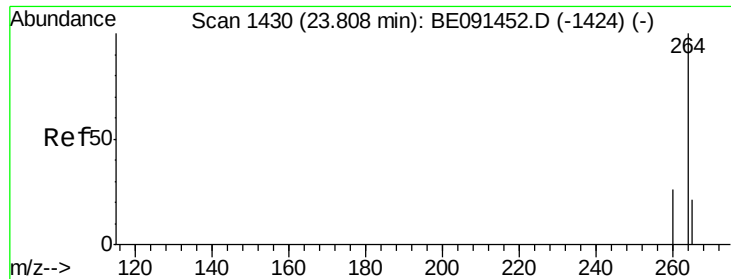


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#25
Perylene-d12
Concen: 5.00 ng
RT: 23.81 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE091462.D
Acq: 17 Mar 2016 12:20

Instrument :
BNA_E
ClientSampleId :
PB88823BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.7	31.1
265	23.6	19.4	29.2

