

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 :

Quant Time: Mar 17 14:53:31 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

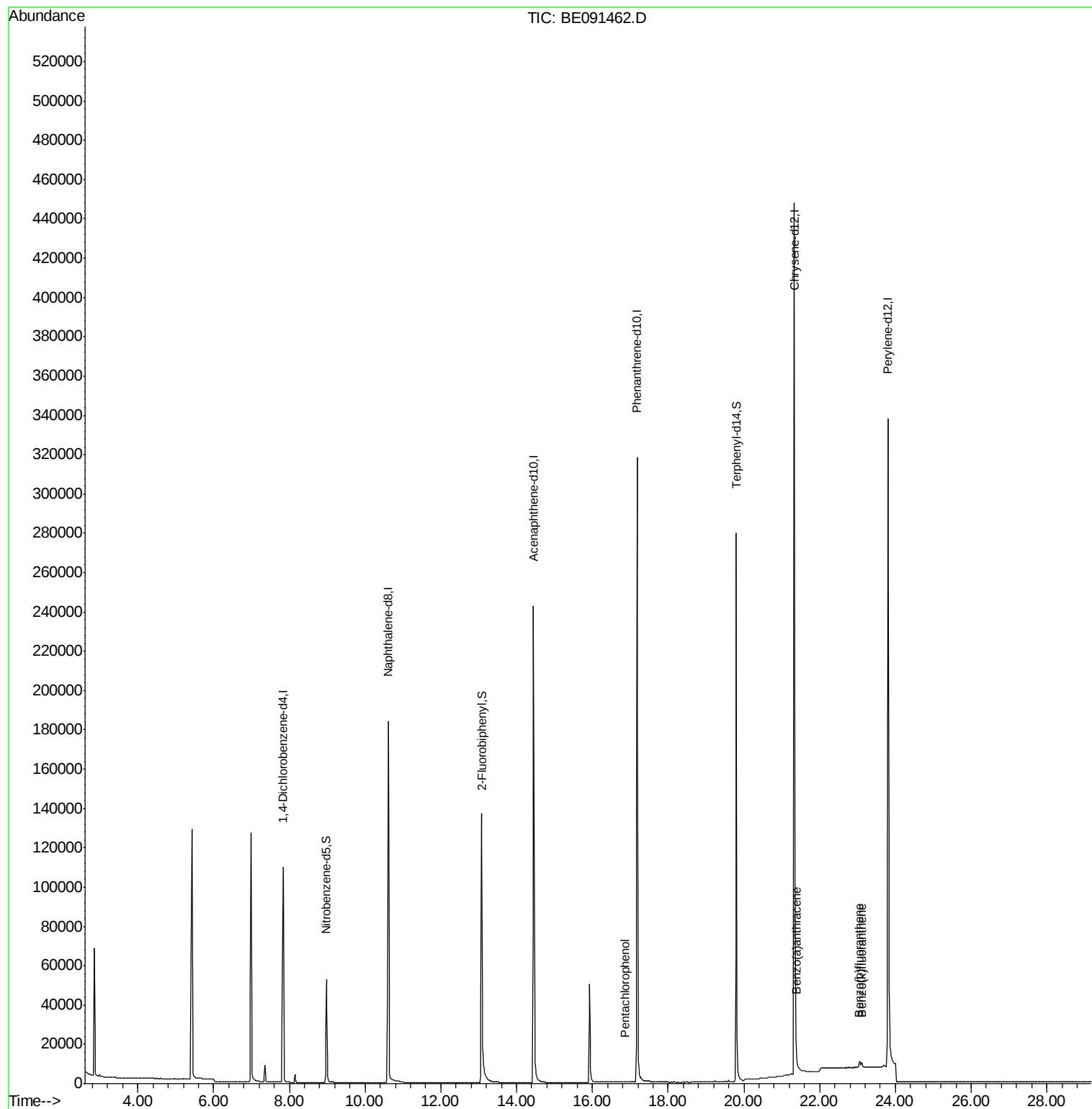
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	61254	5.00	ng	0.00
4) Naphthalene-d8	10.61	136	268897	5.00	ng	0.00
8) Acenaphthene-d10	14.45	164	164594	5.00	ng	0.00
13) Phenanthrene-d10	17.18	188	426023	5.00	ng	0.00
19) Chrysene-d12	21.34	240	564863	5.00	ng	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						Ovalue
15) Pentachlorophenol	16.86	266	137	0.26	ng	# 86
22) Benzo(a)anthracene	21.38	228	14503	0.07	ng	# 86
23) Chrysene	21.38	228	14959	Below Cal		98
26) Benzo(b)fluoranthene	23.04	252	5685	0.03	ng	# 48
27) Benzo(k)fluoranthene	23.10	252	4798	0.03	ng	# 39

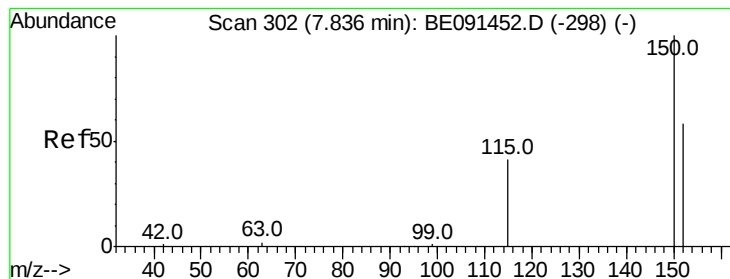
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

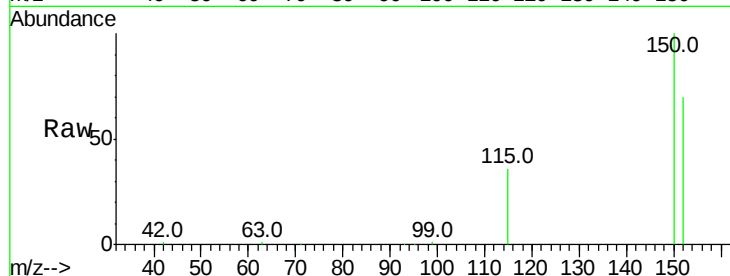
Tot Ion:152 Resp: 61254

Ion Ratio Lower Upper

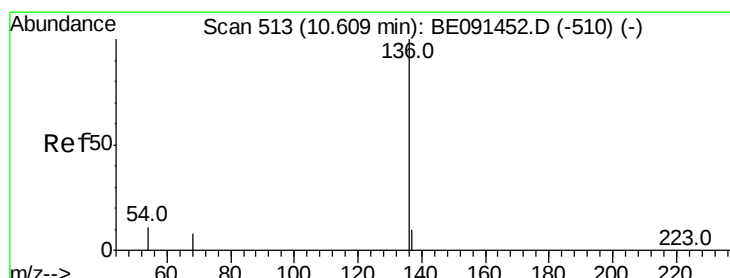
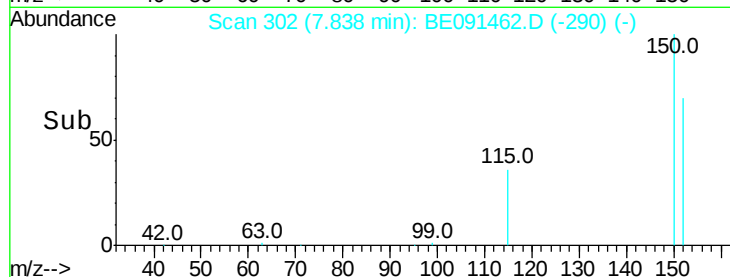
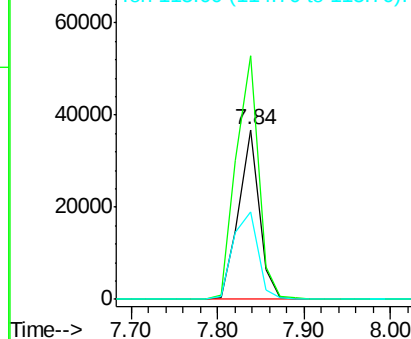
152 100

150 143.3 136.8 205.2

115 51.2 56.9 85.3#



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

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

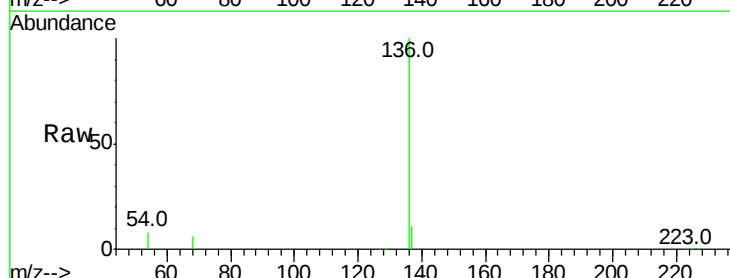
Tgt Ion:136 Resp: 268897

Ion Ratio Lower Upper

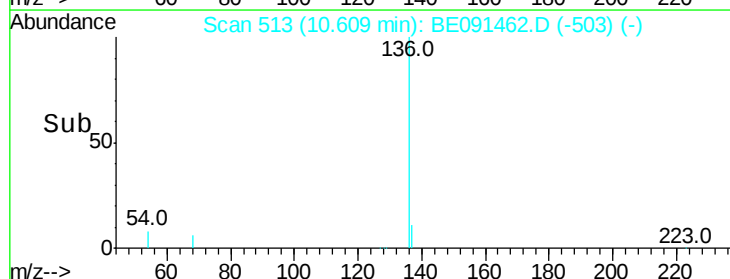
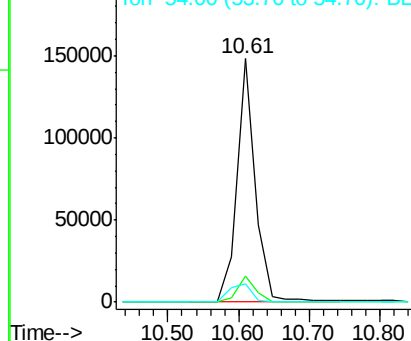
136 100

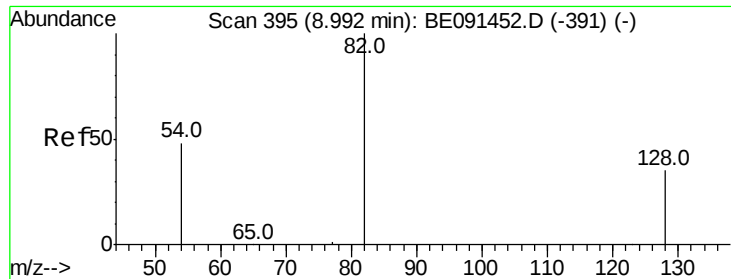
137 10.6 8.0 12.0

54 7.7 9.1 13.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): E

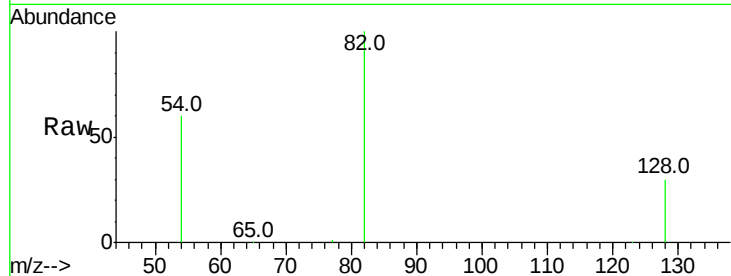




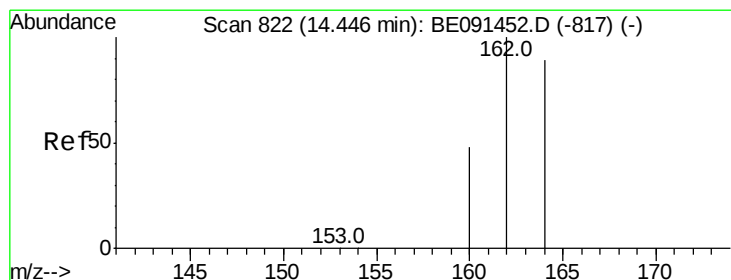
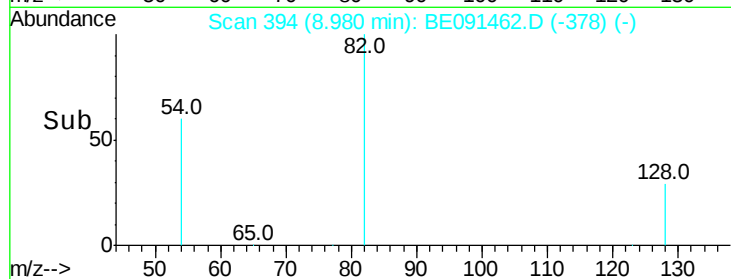
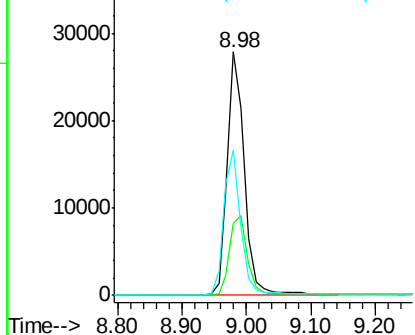
#5
 Nitrobenzene-d5
 Concen: 3.51 ng
 RT: 8.98 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BE091462.D
 Acq: 17 Mar 2016 12:20

Instrument :
 BNA_E
 ClientSampleId :

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

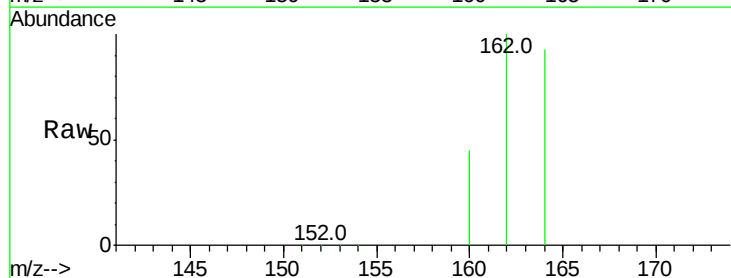


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

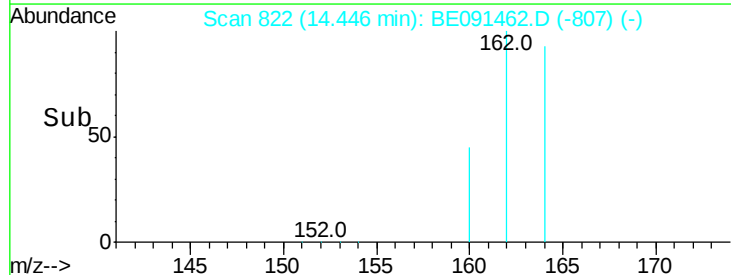
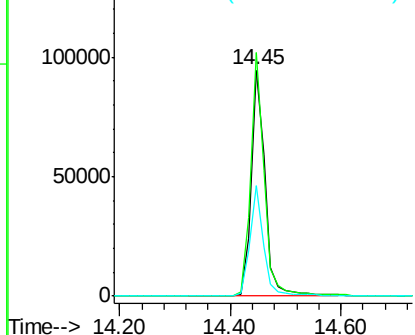


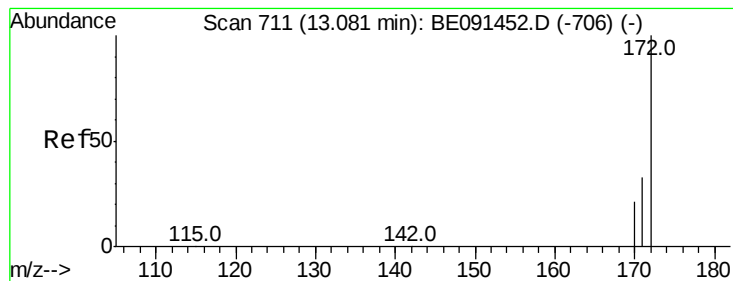
#8
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.45 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BE091462.D
 Acq: 17 Mar 2016 12:20

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

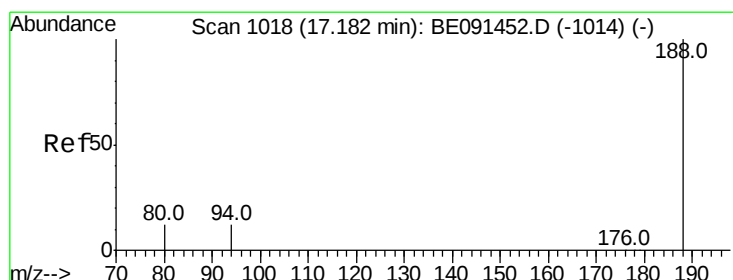
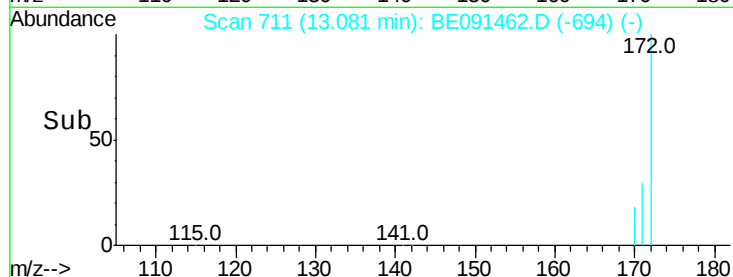
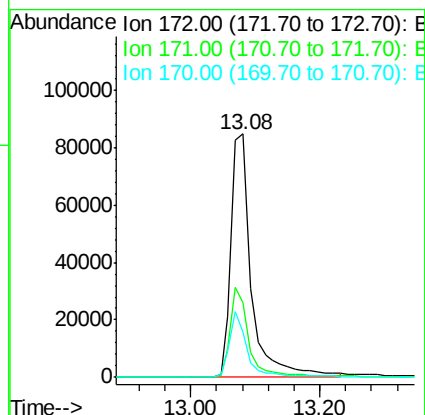
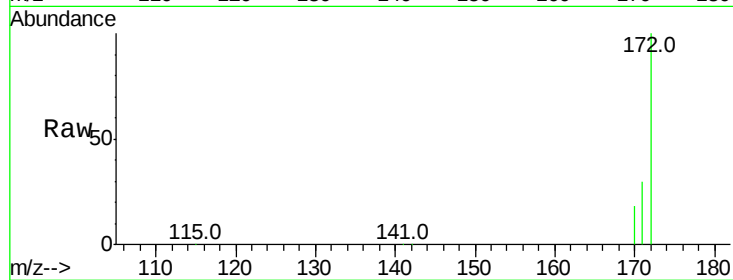




#9
2-Fluorobiphenyl
Concen: 4.38 ng
RT: 13.08 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE091462.D
Acq: 17 Mar 2016 12:20

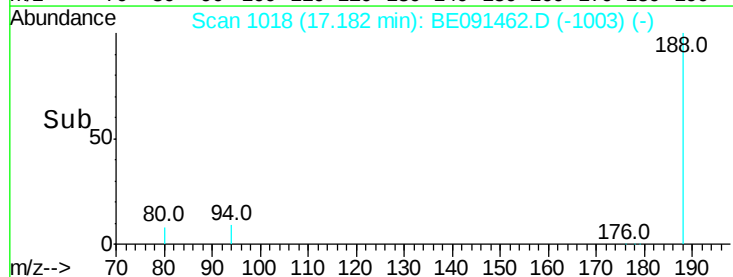
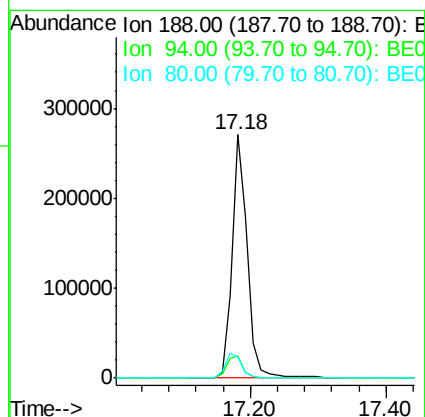
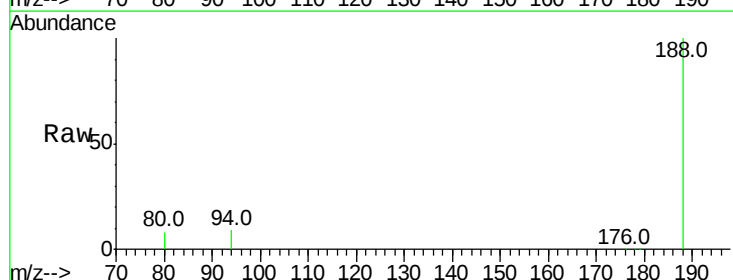
Instrument :
BNA_E
ClientSampleId :

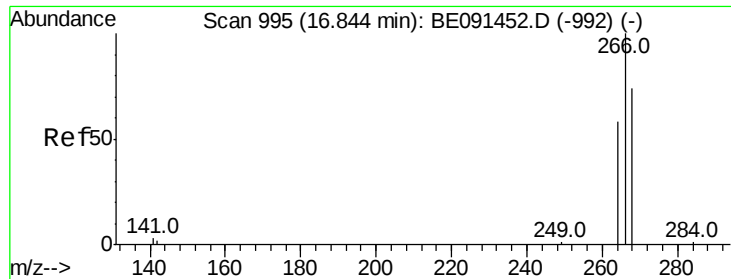
Tot Ion:172 Resp: 186115
Ion Ratio Lower Upper
172 100
171 30.5 26.7 40.1
170 18.3 17.4 26.2



#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#

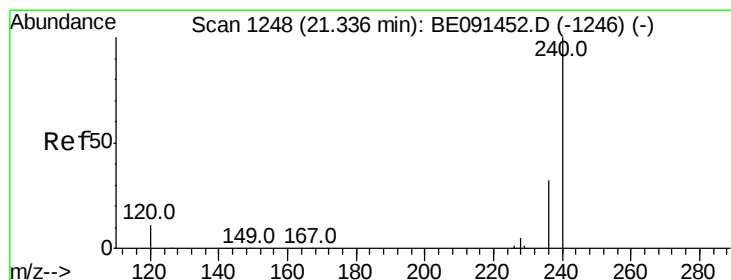
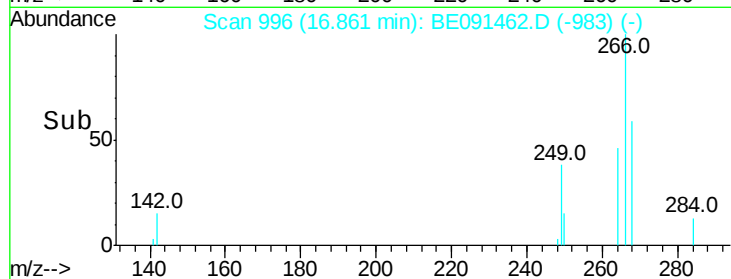
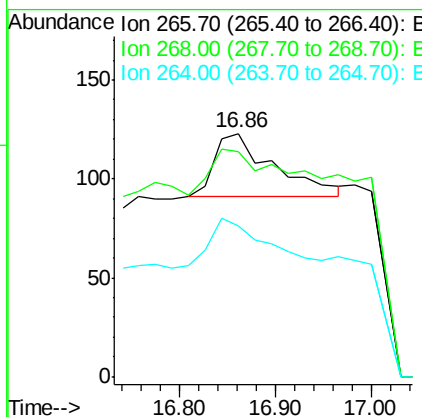
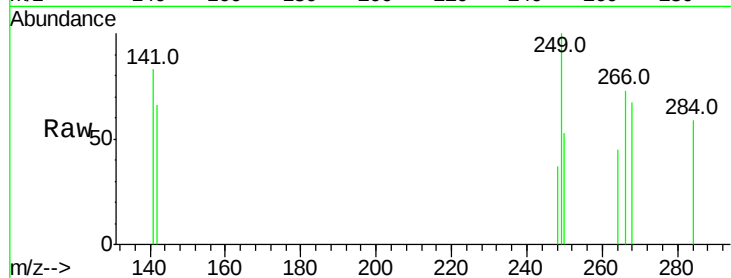




#15
 Pentachlorophenol
 Concen: 0.26 ng
 RT: 16.86 min Scan# 996
 Delta R.T. 0.02 min
 Lab File: BE091462.D
 Acq: 17 Mar 2016 12:20

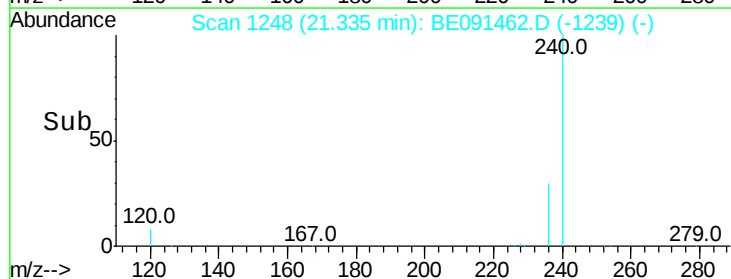
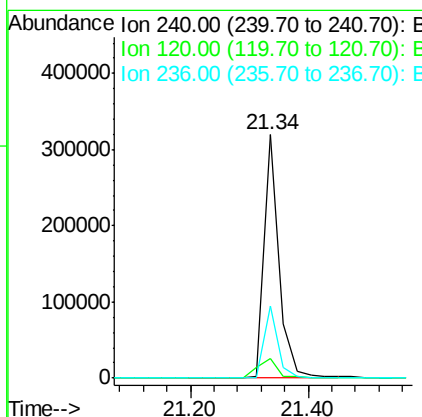
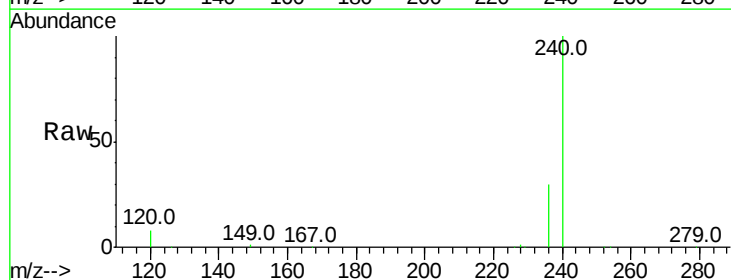
Instrument :
 BNA_E
 ClientSampleId :

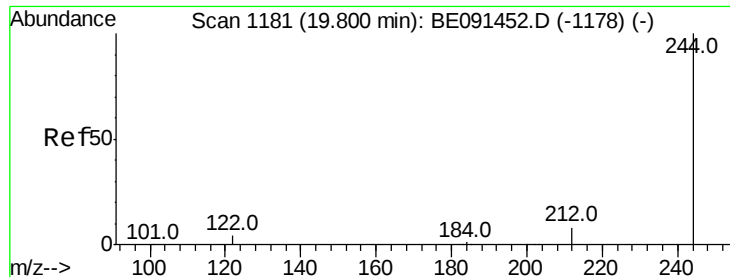
Tot Ion:266 Resp: 137
 Ion Ratio Lower Upper
 266 100
 268 92.7 61.0 91.6#
 264 61.8 45.7 68.5



#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

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





#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

Instrument :

BNA_E

ClientSampleId :

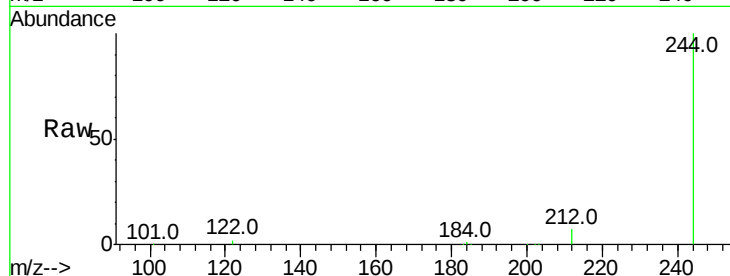
Tot Ion:244 Resp: 359444

Ion Ratio Lower Upper

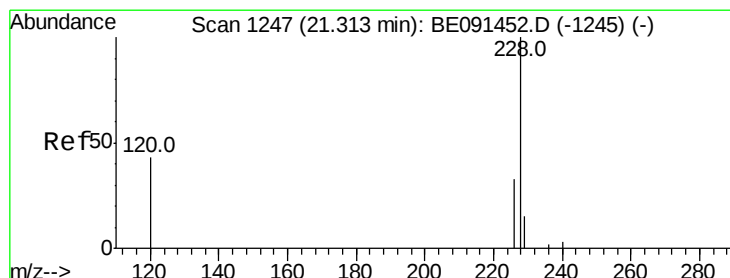
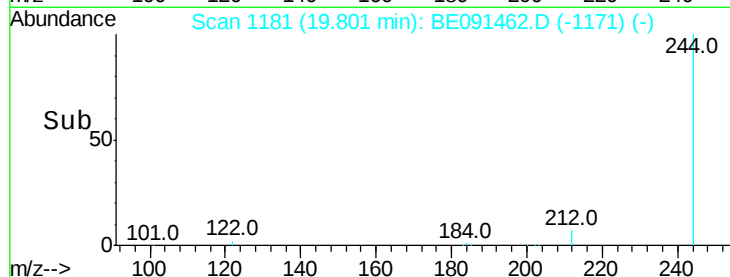
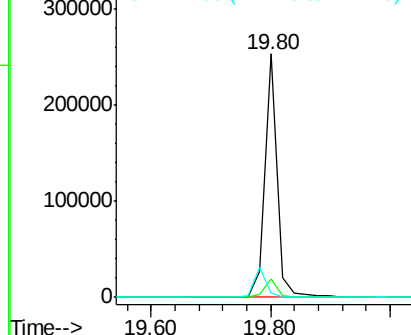
244 100

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



#22

Benzo(a)anthracene

Concen: 0.07 ng

RT: 21.38 min Scan# 1250

Delta R.T. 0.07 min

Lab File: BE091462.D

Acq: 17 Mar 2016 12:20

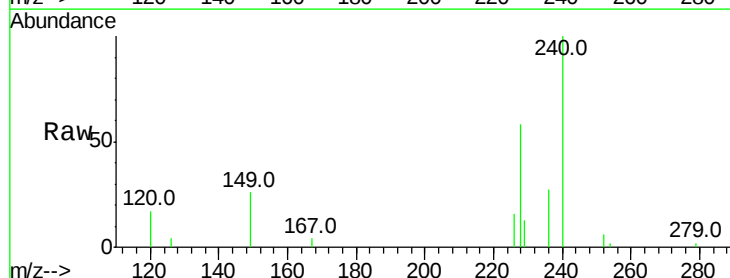
Tgt Ion:228 Resp: 14503

Ion Ratio Lower Upper

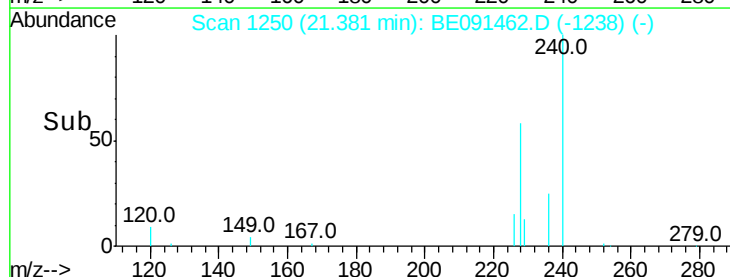
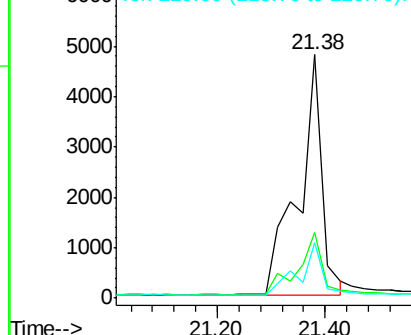
228 100

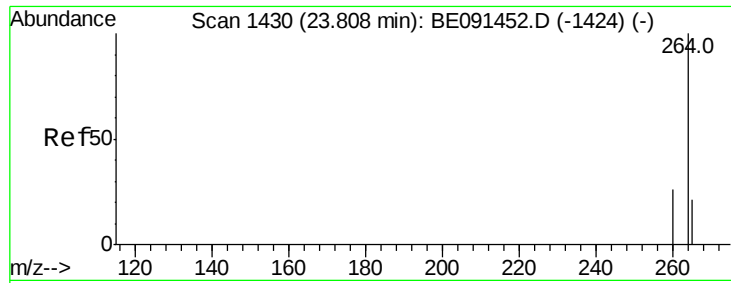
226 26.7 27.1 40.7#

229 22.8 12.3 18.5#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#25

Pervlene-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 :

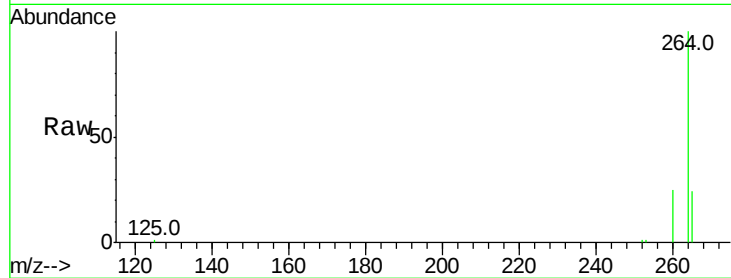
Tot Ion:264 Resp: 521768

Ion Ratio Lower Upper

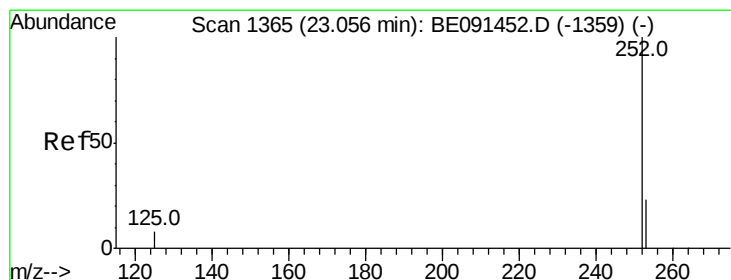
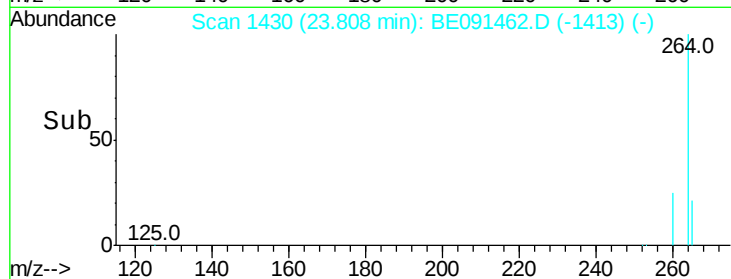
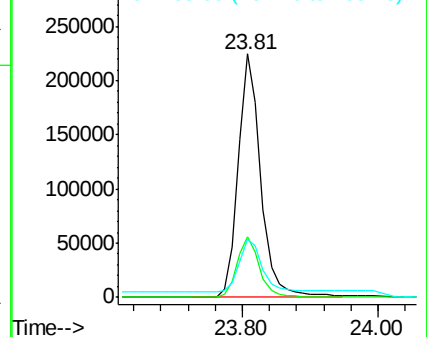
264 100

260 25.1 20.7 31.1

265 23.6 19.4 29.2



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



#26

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 23.04 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BE091462.D

Acq: 17 Mar 2016 12:20

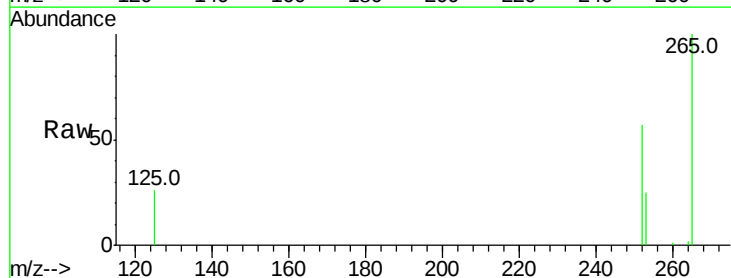
Tgt Ion:252 Resp: 5685

Ion Ratio Lower Upper

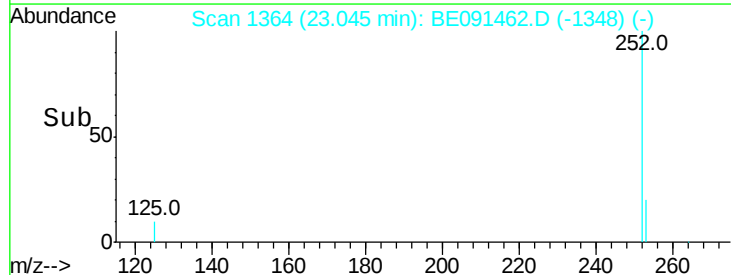
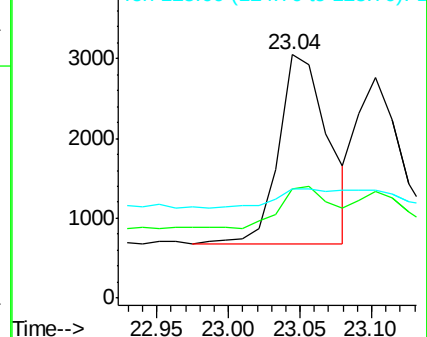
252 100

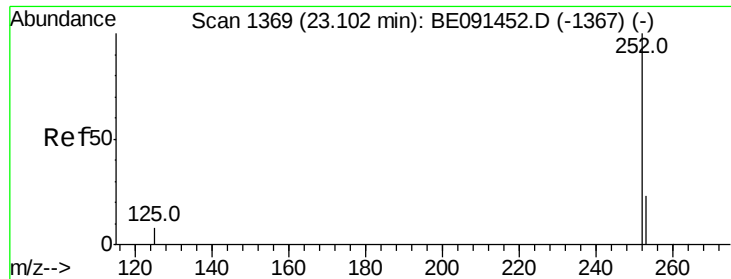
253 44.7 20.6 30.8#

125 44.9 10.2 15.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#27
 Benzo(k)fluoranthene
 Concen: 0.03 ng
 RT: 23.10 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BE091462.D
 Acq: 17 Mar 2016 12:20

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:252 Resp: 4798
 Ion Ratio Lower Upper
 252 100
 253 48.7 20.2 30.2#
 125 49.0 10.6 16.0#

