

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092012.D
 Acq On : 22 Jul 2016 18:49
 Operator : UM/SJ
 Sample : H4120-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-03-6.0-14.0

Quant Time: Jul 23 01:46:02 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 15:39:27 2016
 Response via : Initial Calibration

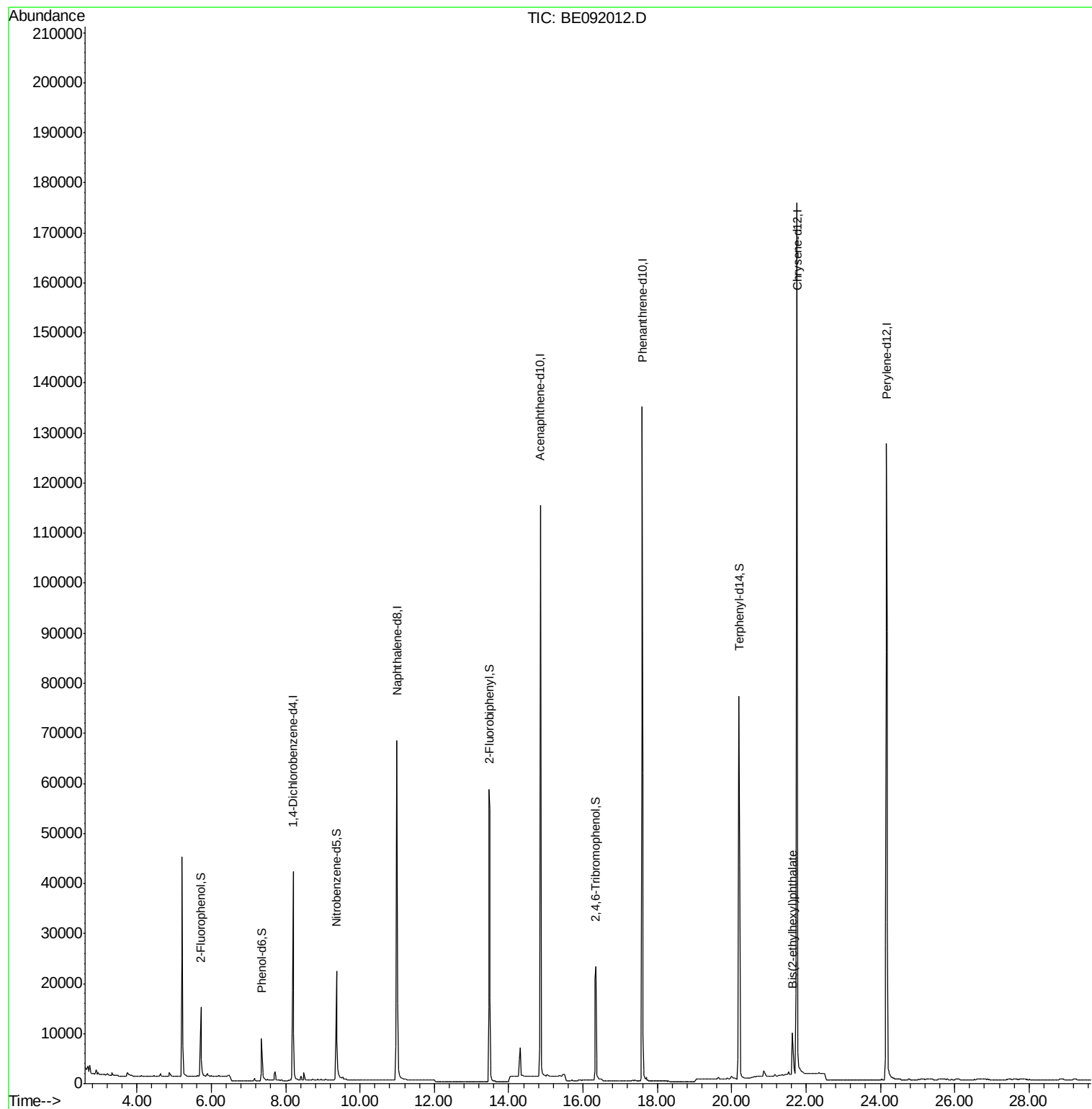
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	22832	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	109814	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	75160	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	166640	5.00	ng	0.00
31) Chrysene-d12	21.76	240	247799	5.00	ng	0.00
40) Perylene-d12	24.16	264	183043	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	13526	3.06	ng	0.00
5) Phenol-d6	7.35	99	11913	1.61	ng	-0.02
9) Nitrobenzene-d5	9.37	82	23067	3.49	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	13474	5.23	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	67427	3.41	ng	0.00
34) Terphenyl-d14	20.20	244	133731	5.37	ng	-0.02
Target Compounds						
38) Bis(2-ethylhexyl)phthalate	21.64	149	15423	0.39	ng	Qvalue # 100

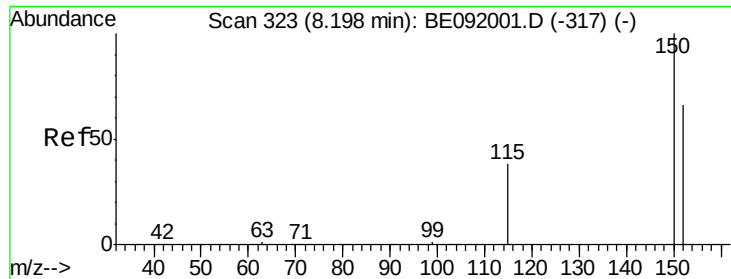
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. 0.00 min

Lab File: BE092012.D

Acq: 22 Jul 2016 18:49

Instrument :

BNA_E

ClientSampleId :

GW-03-6.0-14.0

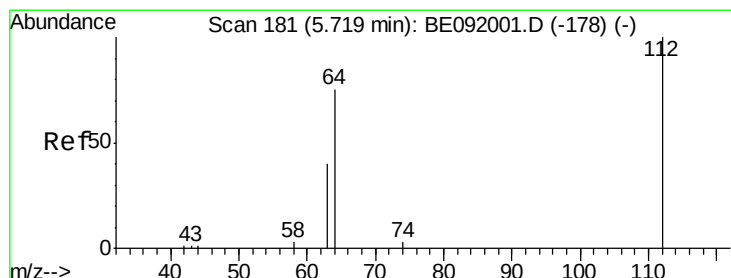
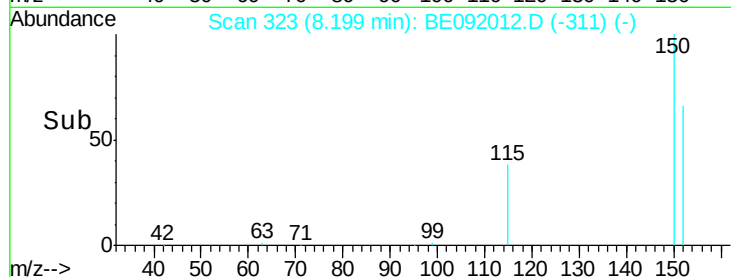
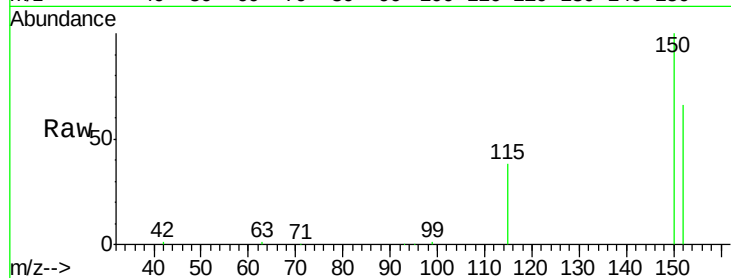
Tgt Ion:152 Resp: 22832

Ion Ratio Lower Upper

152 100

150 151.3 123.9 185.9

115 57.5 48.3 72.5



#4

2-Fluorophenol

Concen: 3.06 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092012.D

Acq: 22 Jul 2016 18:49

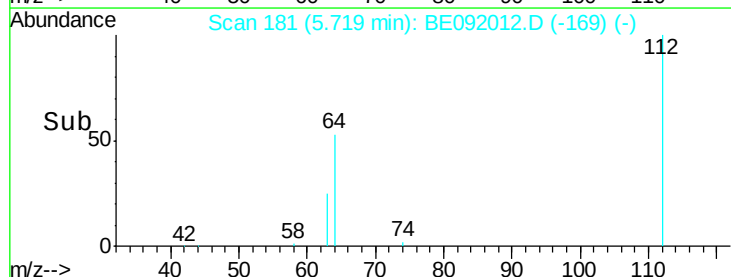
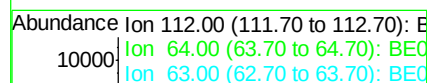
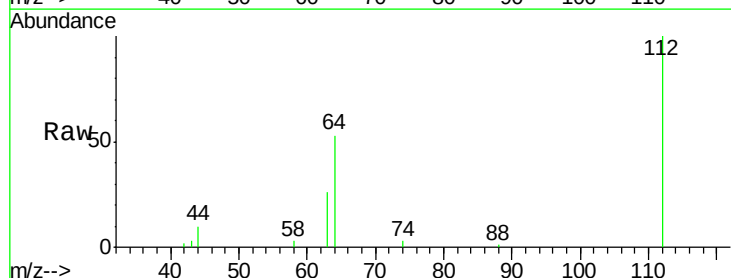
Tgt Ion:112 Resp: 13526

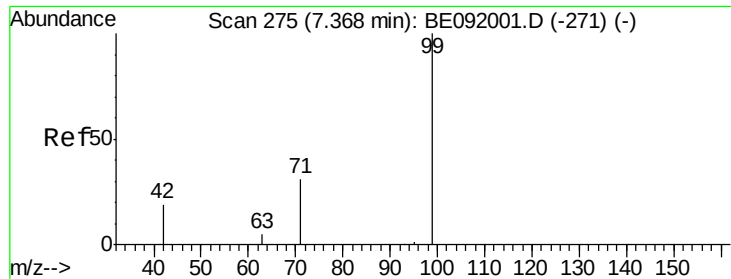
Ion Ratio Lower Upper

112 100

64 66.7 53.7 80.5

63 36.3 29.5 44.3





#5

Phenol-d6

Concen: 1.61 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092012.D

Acq: 22 Jul 2016 18:49

Instrument :

BNA_E

ClientSampleId :

GW-03-6.0-14.0

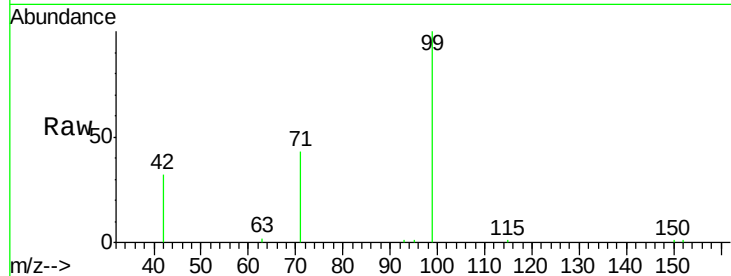
Tgt Ion: 99 Resp: 11913

Ion Ratio Lower Upper

99 100

42 25.7 19.6 29.4

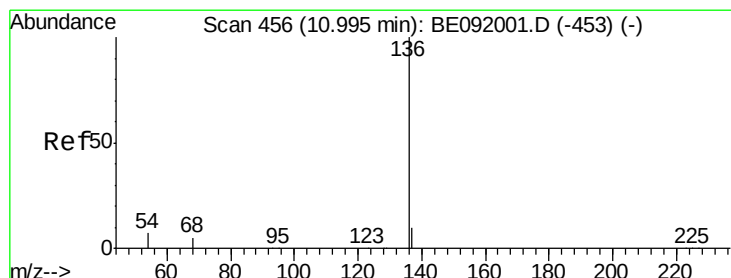
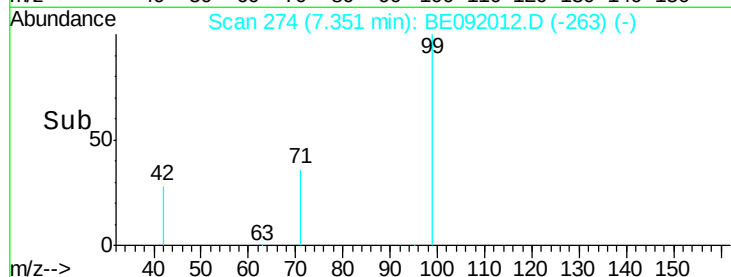
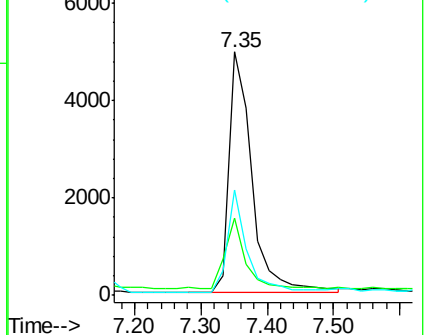
71 37.1 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092012.D

Acq: 22 Jul 2016 18:49

Tgt Ion: 136 Resp: 109814

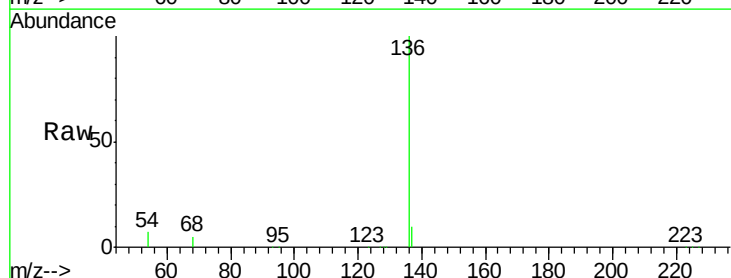
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 6.7 8.2 12.4#

68 5.1 5.9 8.9#

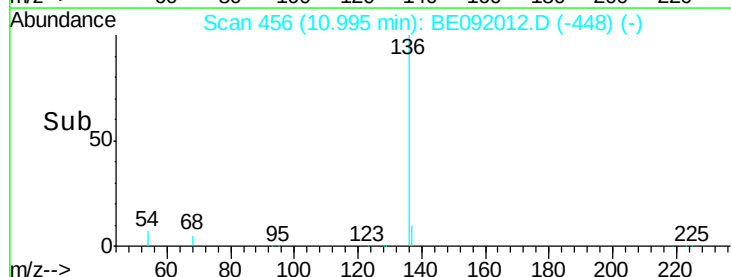
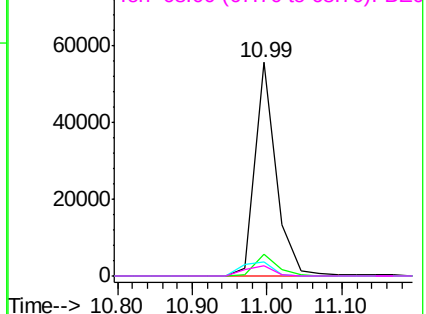


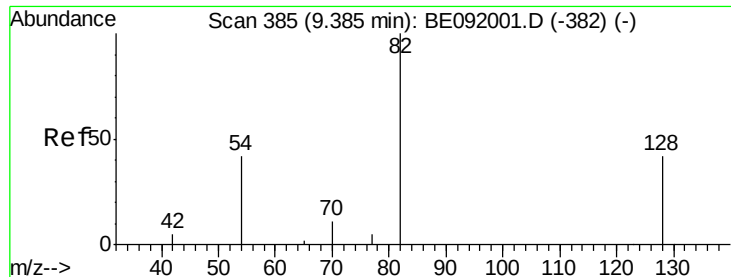
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

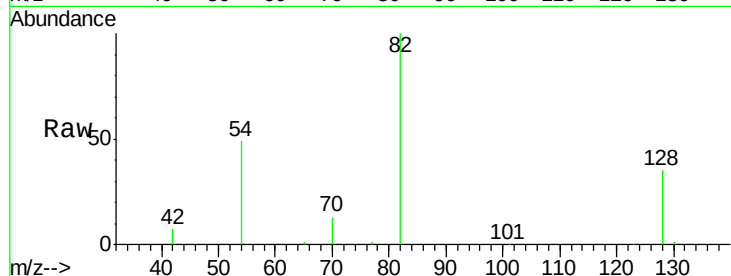




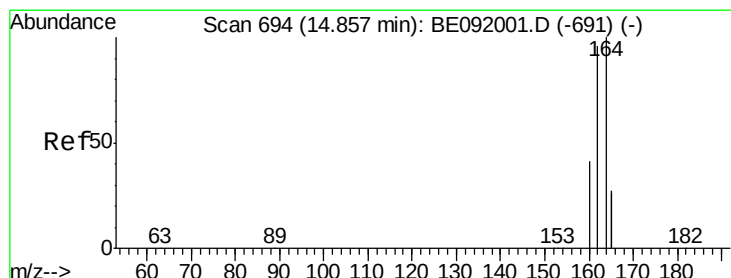
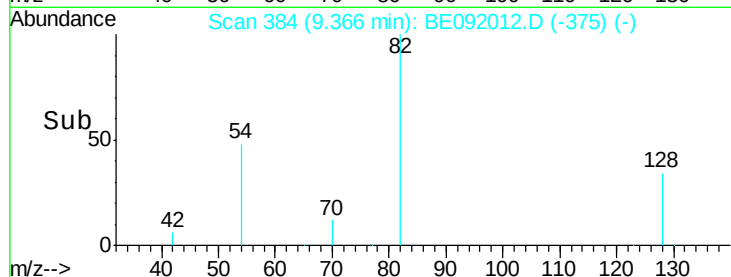
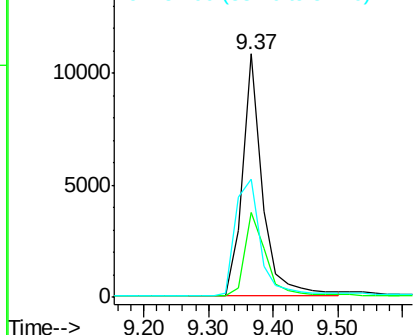
#9
Nitrobenzene-d5
Concen: 3.49 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE092012.D
Acq: 22 Jul 2016 18:49

Instrument :
BNA_E
ClientSampleId :
GW-03-6.0-14.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	39.5	59.3#
54	48.8	30.3	45.5#

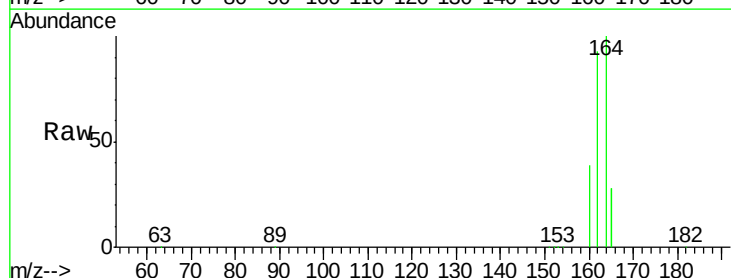


Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0

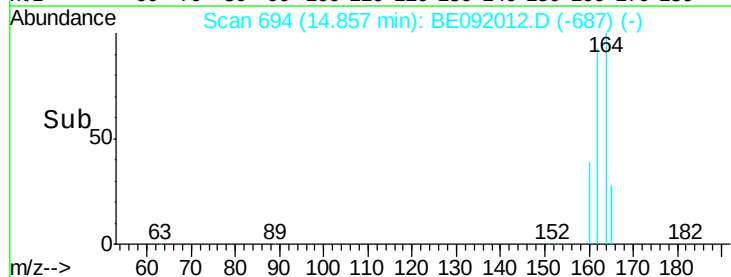
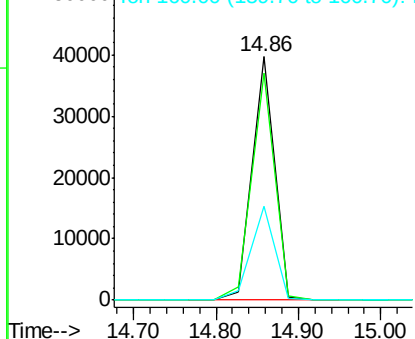


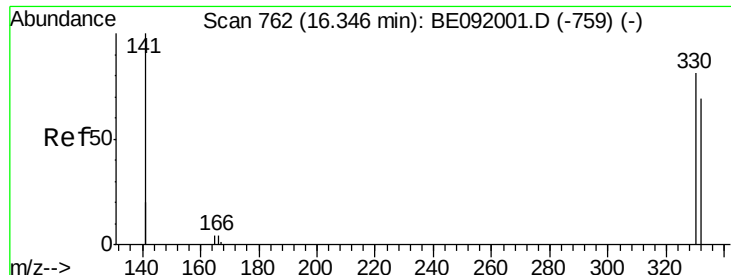
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE092012.D
Acq: 22 Jul 2016 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.2	71.8	107.8
160	38.6	28.0	42.0



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

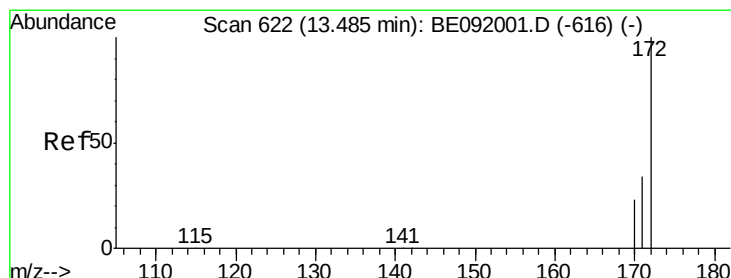
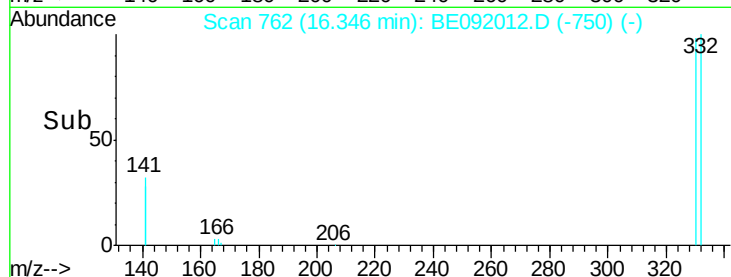
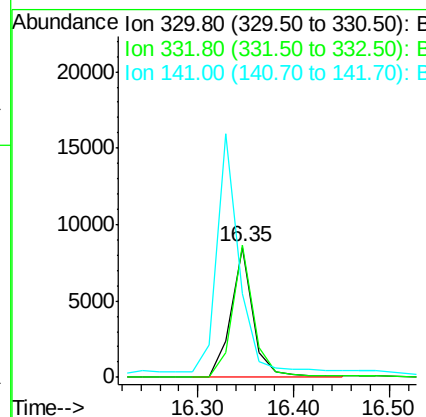
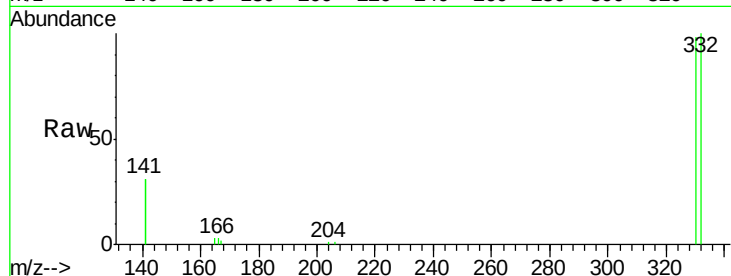




#16
 2,4,6-Tribromophenol
 Concen: 5.23 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092012.D
 Acq: 22 Jul 2016 18:49

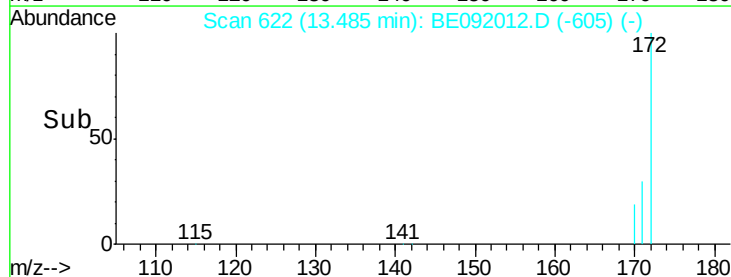
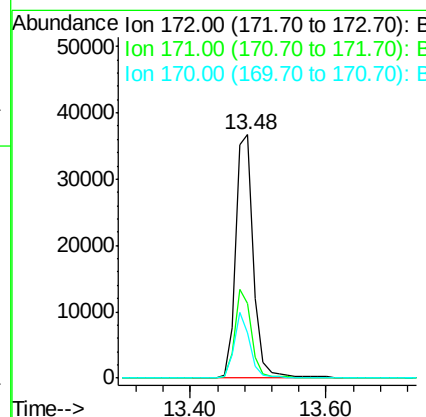
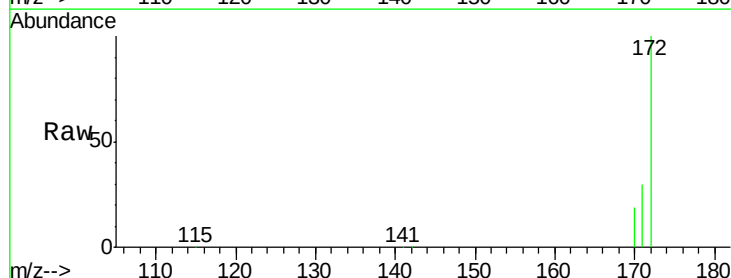
Instrument :
 BNA_E
 ClientSampleId :
 GW-03-6.0-14.0

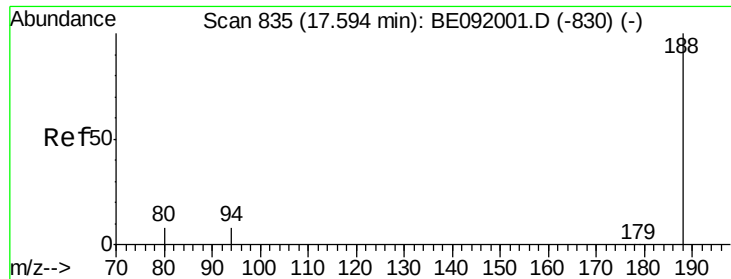
Tgt Ion:330 Resp: 13474
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 187.1 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 3.41 ng
 RT: 13.48 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BE092012.D
 Acq: 22 Jul 2016 18:49

Tgt Ion:172 Resp: 67427
 Ion Ratio Lower Upper
 172 100
 171 30.4 24.3 36.5
 170 18.7 14.9 22.3





#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.59 min Scan# 835

Delta R.T. 0.00 min

Lab File: BE092012.D

Acq: 22 Jul 2016 18:49

Instrument :

BNA_E

ClientSampleId :

GW-03-6.0-14.0

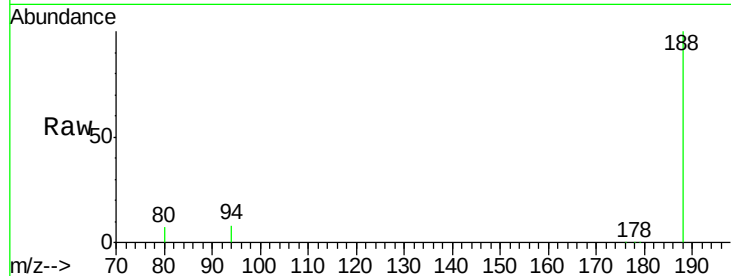
Tgt Ion:188 Resp: 166640

Ion Ratio Lower Upper

188 100

94 7.8 4.1 6.1#

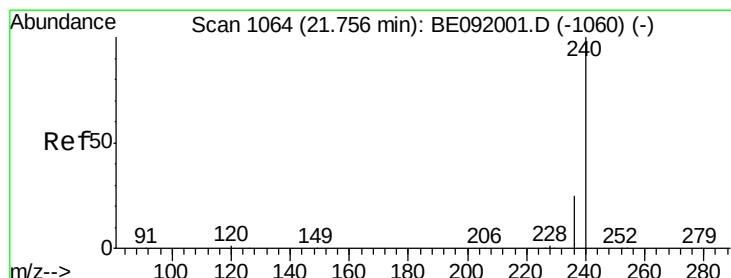
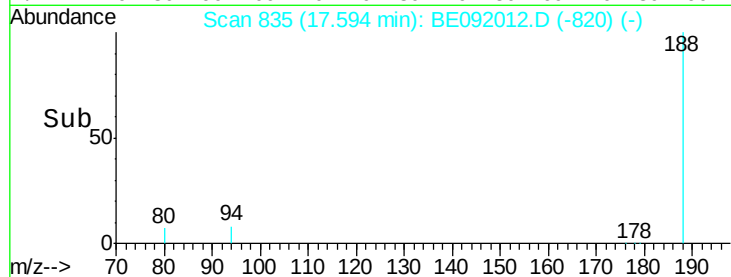
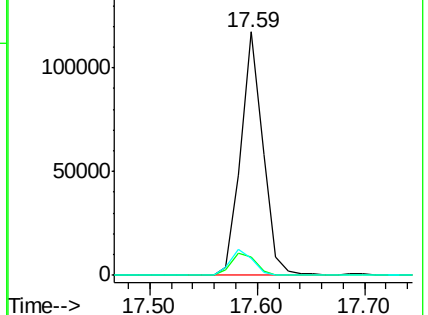
80 7.2 3.4 5.2#



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



#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BE092012.D

Acq: 22 Jul 2016 18:49

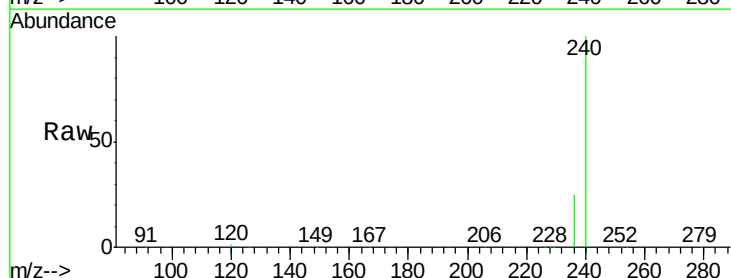
Tgt Ion:240 Resp: 247799

Ion Ratio Lower Upper

240 100

120 0.9 1.2 1.8#

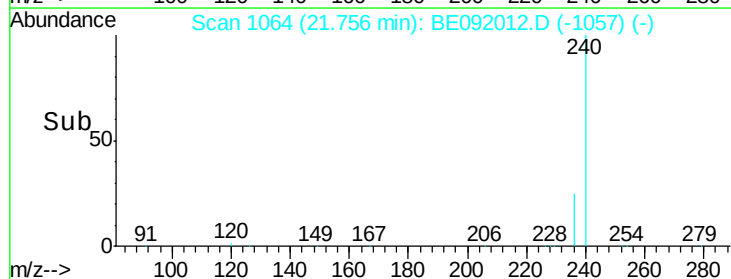
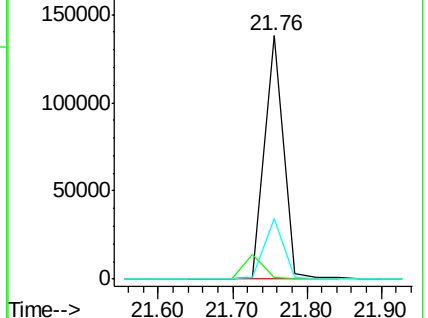
236 24.7 19.8 29.8

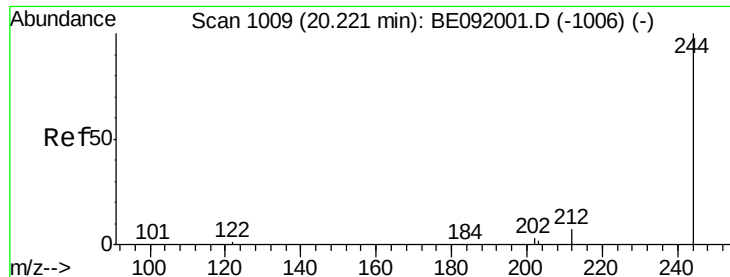


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

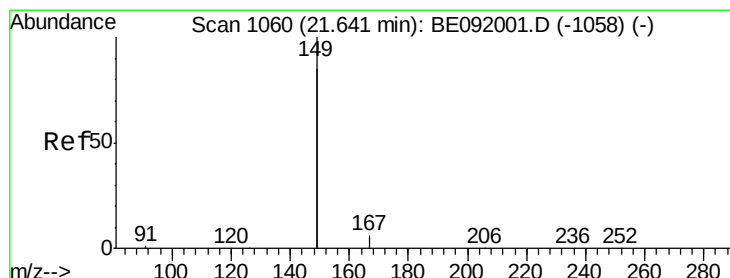
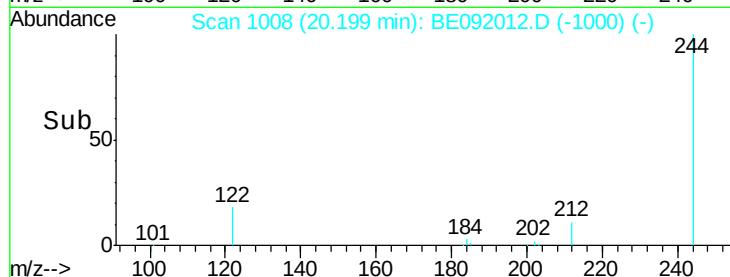
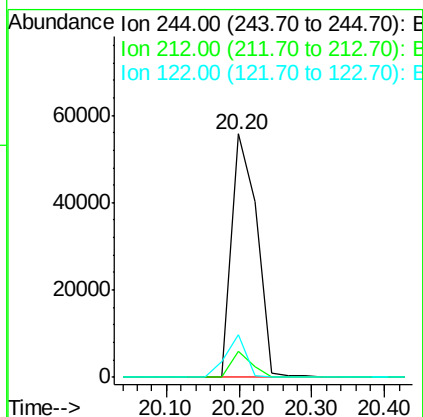
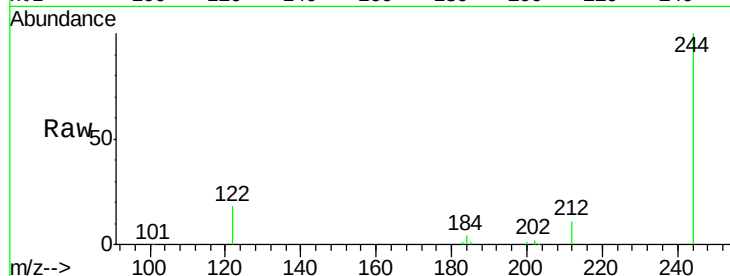




#34
 Terphenyl-d14
 Concen: 5.37 ng
 RT: 20.20 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BE092012.D
 Acq: 22 Jul 2016 18:49

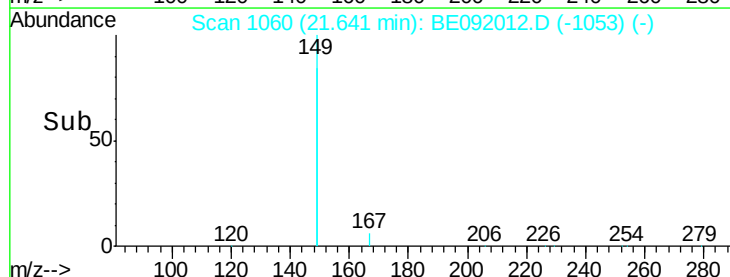
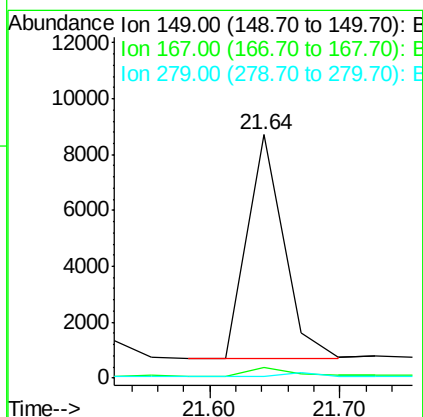
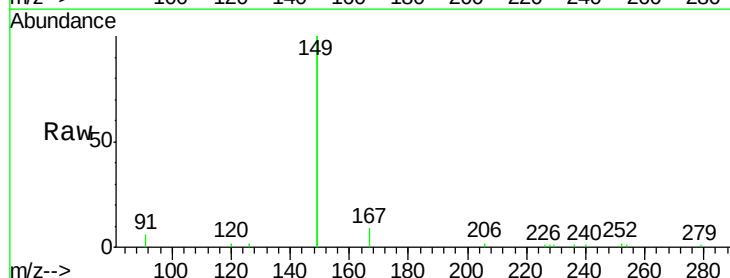
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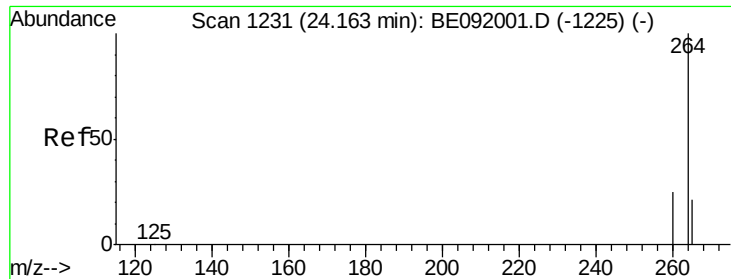
Tgt Ion: 244 Resp: 133731
 Ion Ratio Lower Upper
 244 100
 212 10.8 6.5 9.7#
 122 17.7 2.9 4.3#



#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.39 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE092012.D
 Acq: 22 Jul 2016 18:49

Tgt Ion: 149 Resp: 15423
 Ion Ratio Lower Upper
 149 100
 167 4.3 0.0 0.0#
 279 0.0 0.0 0.0



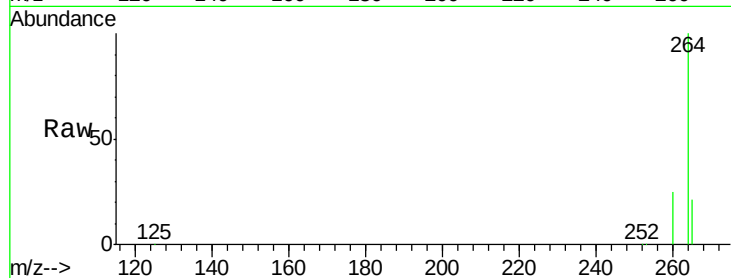


#40
Perylene-d12
Concen: 5.00 ng
RT: 24.16 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE092012.D
Acq: 22 Jul 2016 18:49

Instrument :
BNA_E
ClientSampleId :
GW-03-6.0-14.0

Tgt Ion: 264 Resp: 183043

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.3	30.5
265	21.4	17.6	26.4



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

