

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080216\
 Data File : BE092134.D
 Acq On : 3 Aug 2016 5:36
 Operator : UM/SJ
 Sample : H4205-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-38-6.5-15.0

Quant Time: Aug 03 07:15:09 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 16:59:37 2016
 Response via : Initial Calibration

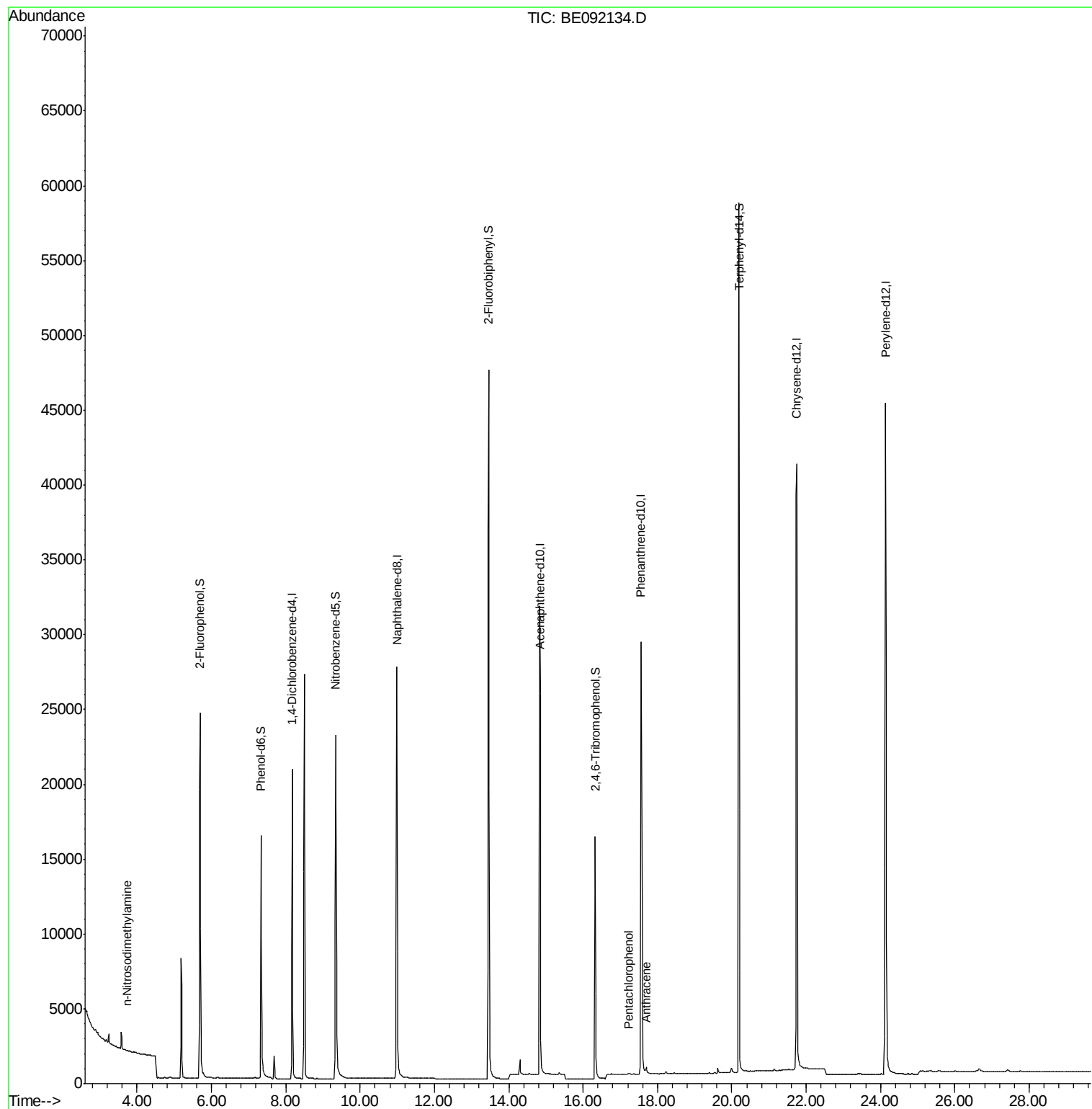
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11116	5.00	ng	0.00
6) Naphthalene-d8	10.99	136	47923	5.00	ng	0.00
10) Acenaphthene-d10	14.85	164	25002	5.00	ng	0.00
16) Phenanthrene-d10	17.56	188	52906	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	62659	5.00	ng	0.00
28) Perylene-d12	24.14	264	66359	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	21579	7.56	ng	0.00
5) Phenol-d6	7.34	99	18478	4.86	ng	-0.01
7) Nitrobenzene-d5	9.34	82	24629	6.51	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	11241	13.85	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	52541	6.63	ng	0.00
24) Terphenyl-d14	20.19	244	70122	7.79	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.73	42	12	0.10	ng	# 6
8) Naphthalene	11.03	128	78	Below Cal		# 1
18) Pentachlorophenol	17.21	266	58	0.25	ng	# 73
19) Phenanthrene	17.60	178	227	Below Cal		# 83
20) Anthracene	17.70	178	668	0.05	ng	97
30) Benzo(k)fluoranthene	23.46	252	60	Below Cal		# 1

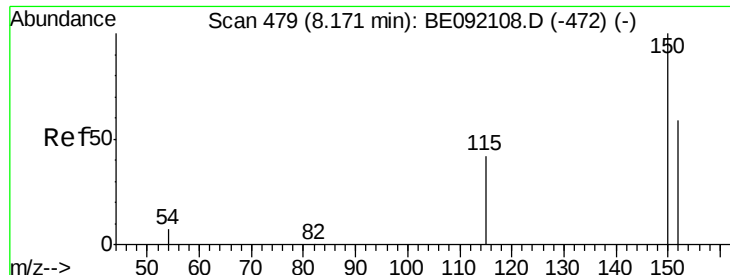
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080216\
Data File : BE092134.D
Acq On : 3 Aug 2016 5:36
Operator : UM/SJ
Sample : H4205-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-38-6.5-15.0

Quant Time: Aug 03 07:15:09 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:59:37 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE092134.D

Acq: 3 Aug 2016 5:36

Instrument :

BNA_E

ClientSampleId :

GW-38-6.5-15.0

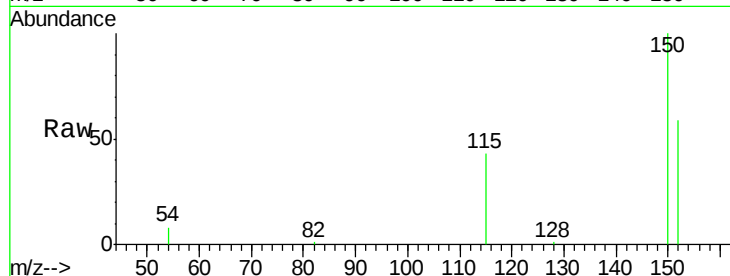
Tgt Ion:152 Resp: 11116

Ion Ratio Lower Upper

152 100

150 169.2 106.0 159.0#

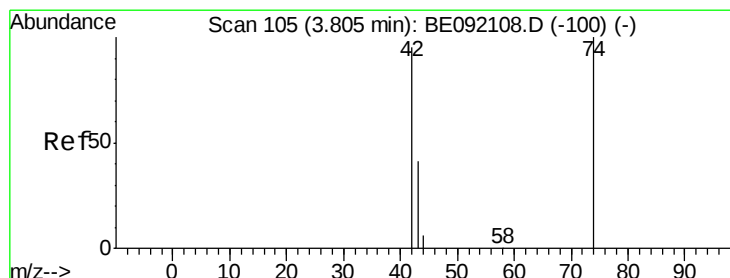
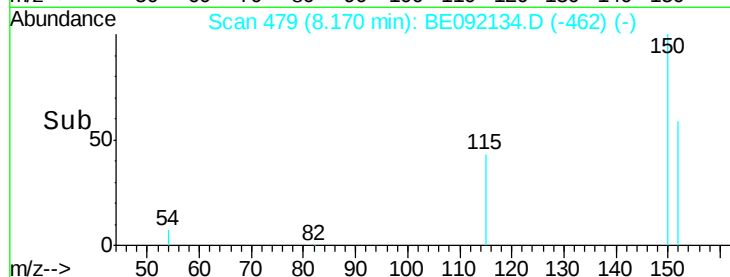
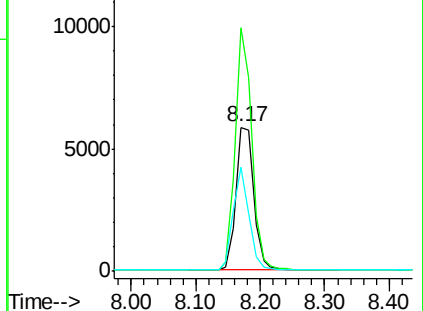
115 72.8 36.9 55.3#



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



#3

n-Nitrosodimethylamine

Concen: 0.10 ng

RT: 3.73 min Scan# 99

Delta R.T. -0.07 min

Lab File: BE092134.D

Acq: 3 Aug 2016 5:36

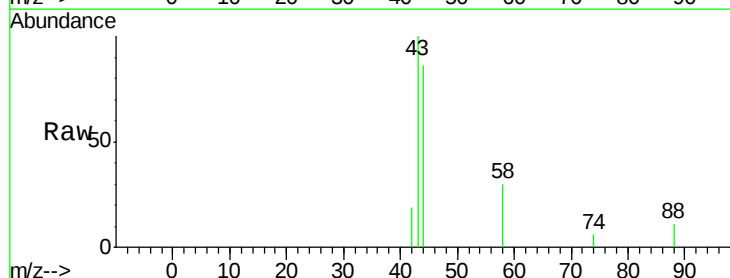
Tgt Ion: 42 Resp: 12

Ion Ratio Lower Upper

42 100

74 0.0 82.8 124.2#

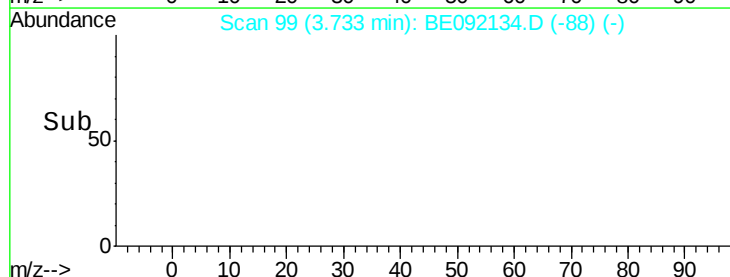
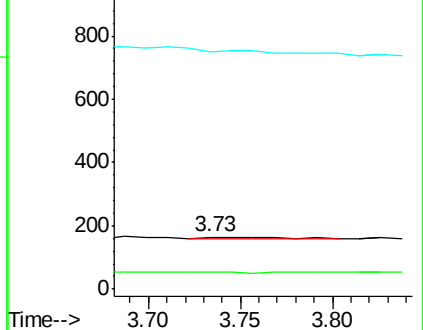
44 0.0 9.0 13.4#

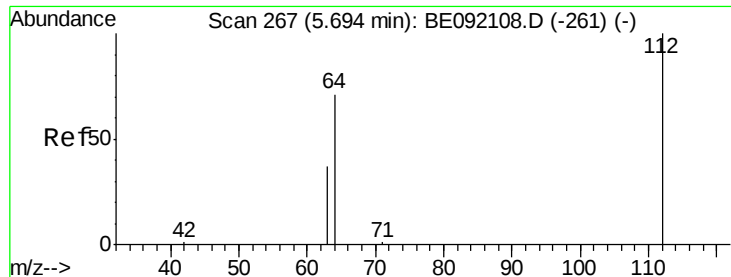


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 7.56 ng

RT: 5.70 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092134.D

Acq: 3 Aug 2016 5:36

Instrument :

BNA_E

ClientSampleId :

GW-38-6.5-15.0

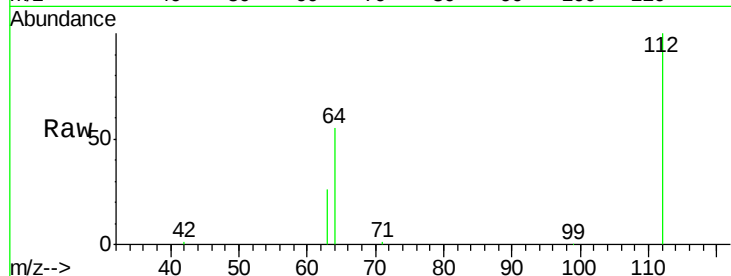
Tgt Ion: 112 Resp: 21579

Ion Ratio Lower Upper

112 100

64 66.7 55.9 83.9

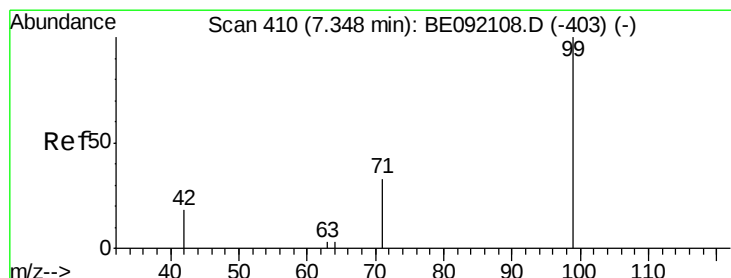
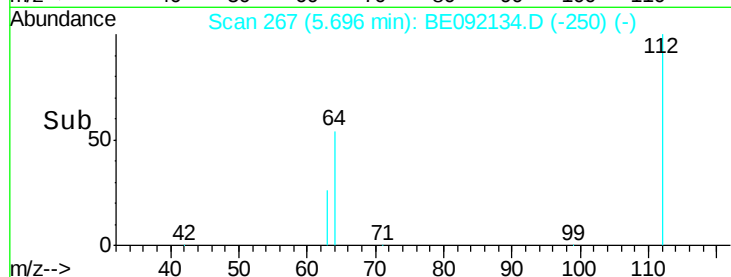
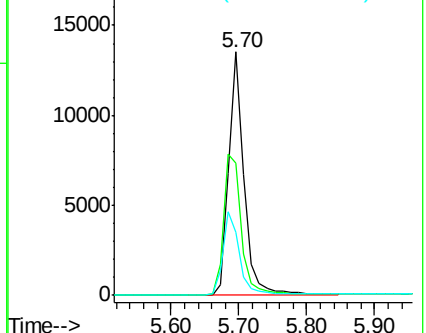
63 36.2 31.1 46.7



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 4.86 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092134.D

Acq: 3 Aug 2016 5:36

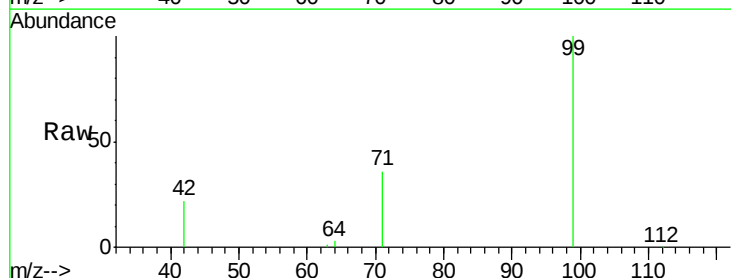
Tgt Ion: 99 Resp: 18478

Ion Ratio Lower Upper

99 100

42 24.9 22.4 33.6

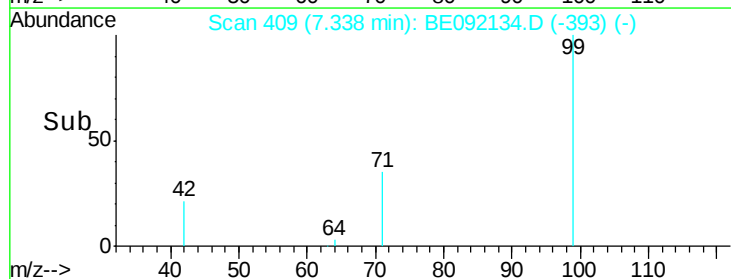
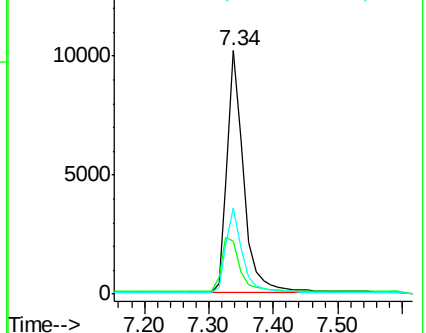
71 35.1 28.9 43.3

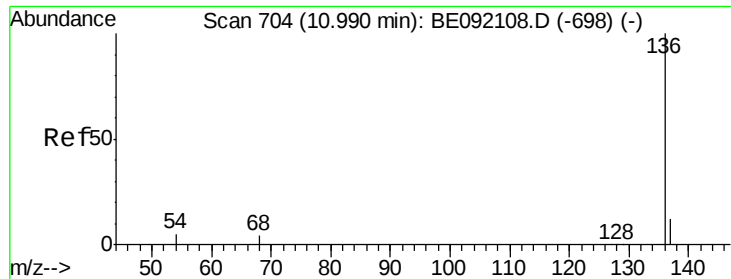


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

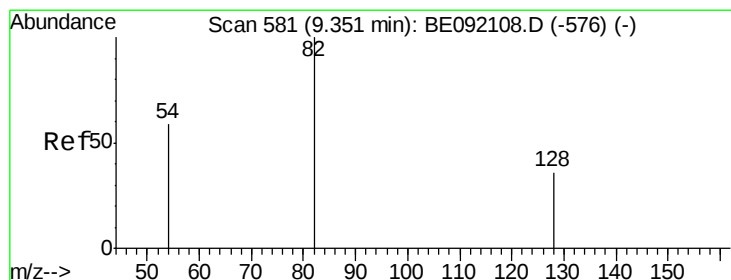
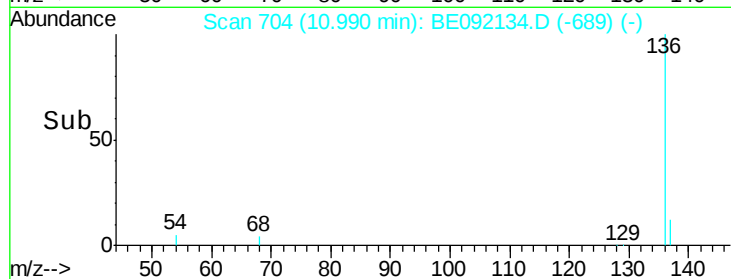
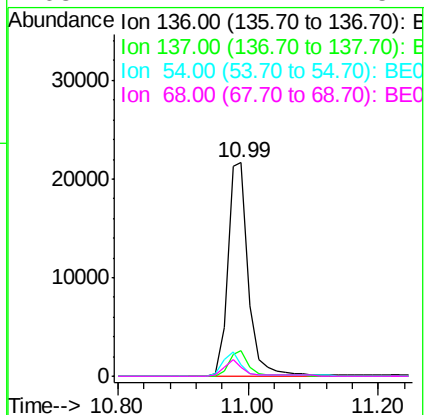
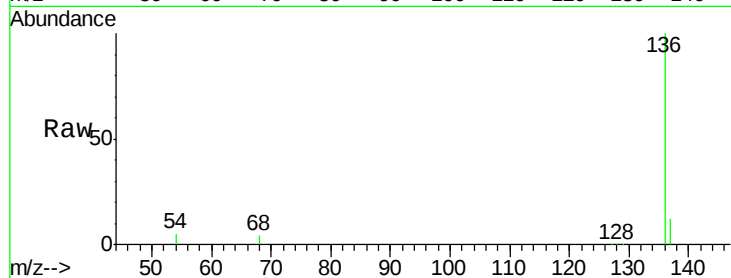




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 704
Delta R.T. -0.00 min
Lab File: BE092134.D
Acq: 3 Aug 2016 5:36

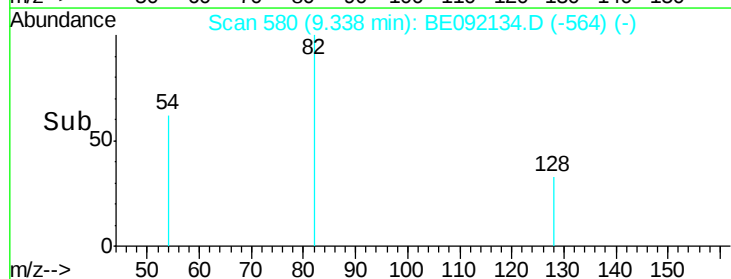
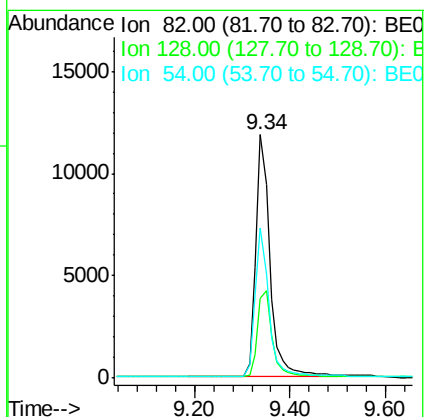
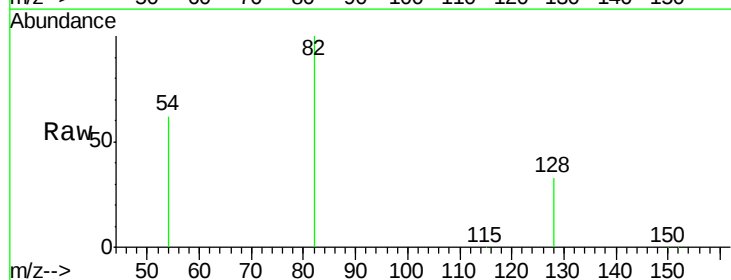
Instrument :
BNA_E
ClientSampleId :
GW-38-6.5-15.0

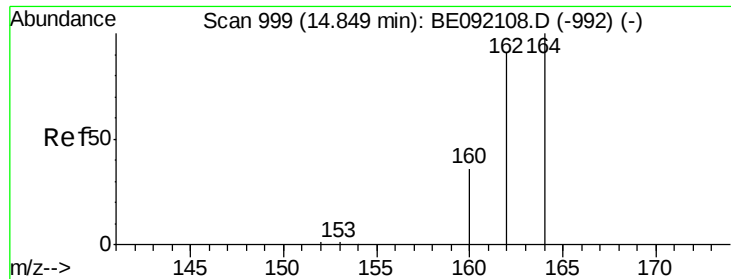
Tgt Ion: 136 Resp: 47923
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 5.3 2.7 4.1#
68 4.1 2.2 3.4#



#7
Nitrobenzene-d5
Concen: 6.51 ng
RT: 9.34 min Scan# 580
Delta R.T. -0.01 min
Lab File: BE092134.D
Acq: 3 Aug 2016 5:36

Tgt Ion: 82 Resp: 24629
Ion Ratio Lower Upper
82 100
128 32.8 33.0 49.4#
54 61.8 42.6 63.8





#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.85 min Scan# 999

Delta R.T. 0.00 min

Lab File: BE092134.D

Acq: 3 Aug 2016 5:36

Instrument :

BNA_E

ClientSampleId :

GW-38-6.5-15.0

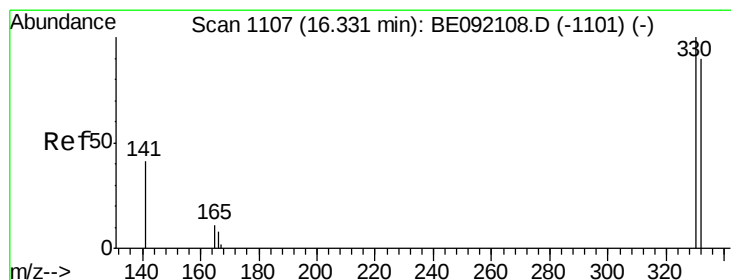
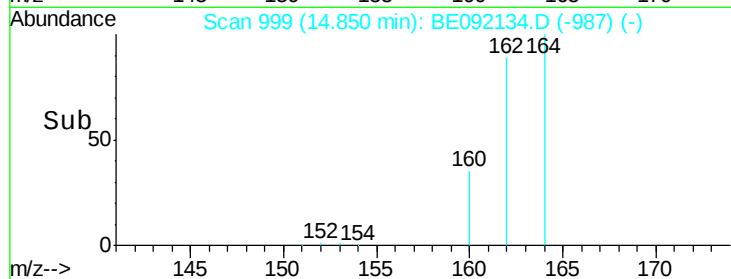
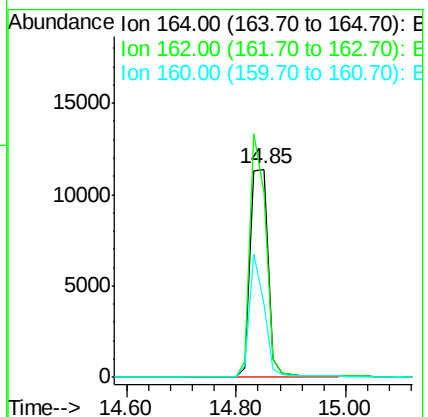
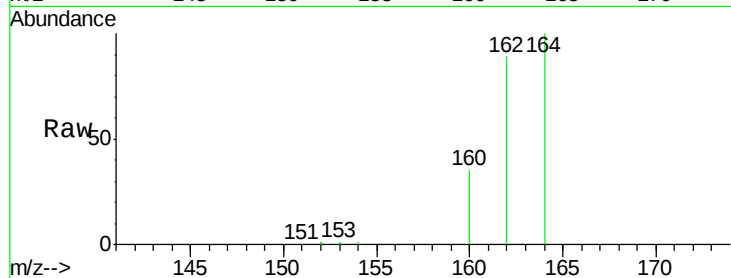
Tgt Ion:164 Resp: 25002

Ion Ratio Lower Upper

164 100

162 88.9 69.5 104.3

160 35.2 27.6 41.4



#11

2,4,6-Tribromophenol

Concen: 13.85 ng

RT: 16.33 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE092134.D

Acq: 3 Aug 2016 5:36

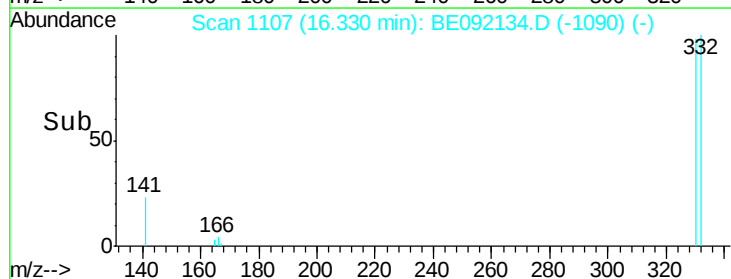
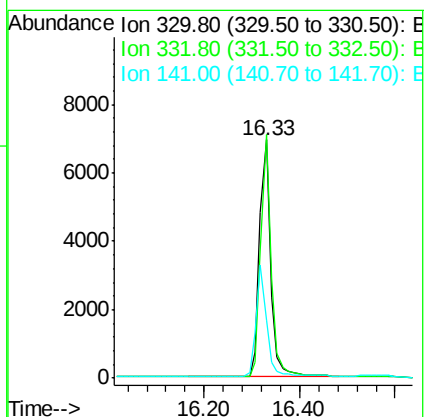
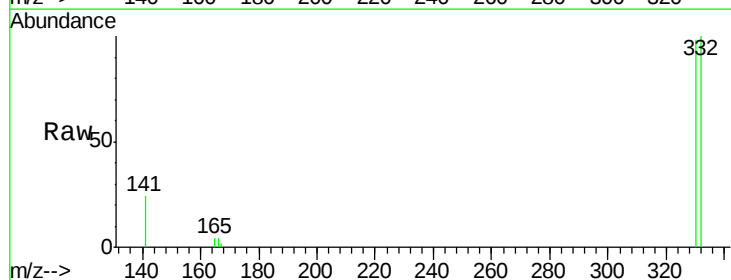
Tgt Ion:330 Resp: 11241

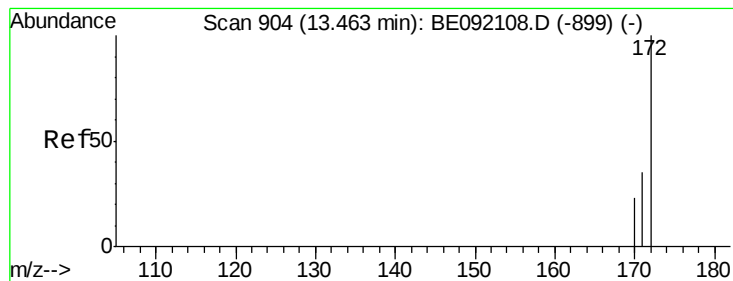
Ion Ratio Lower Upper

330 100

332 96.1 74.2 111.4

141 43.8 139.8 209.8#

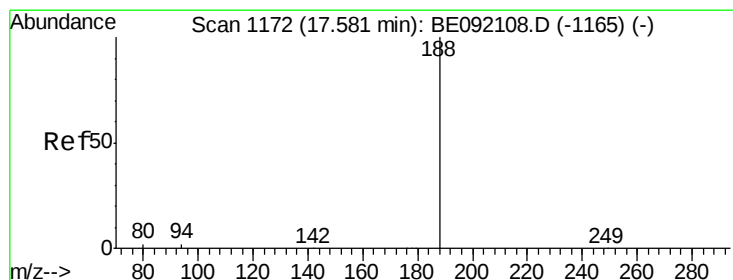
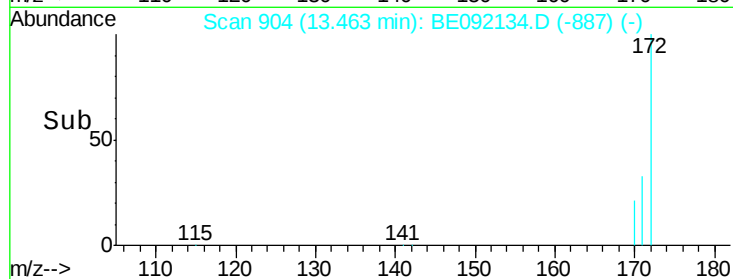
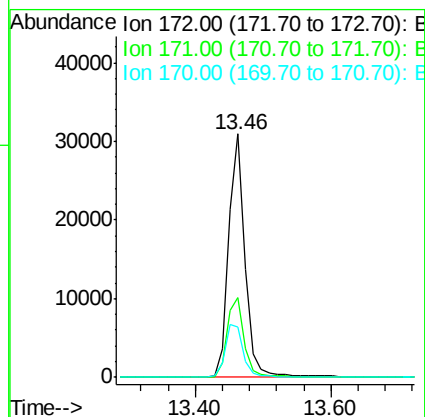
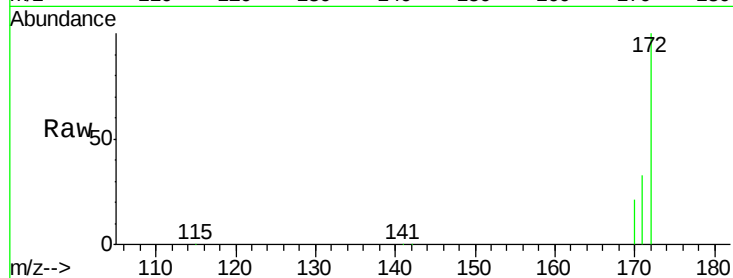




#12
2-Fluorobiphenyl
Concen: 6.63 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092134.D
Acq: 3 Aug 2016 5:36

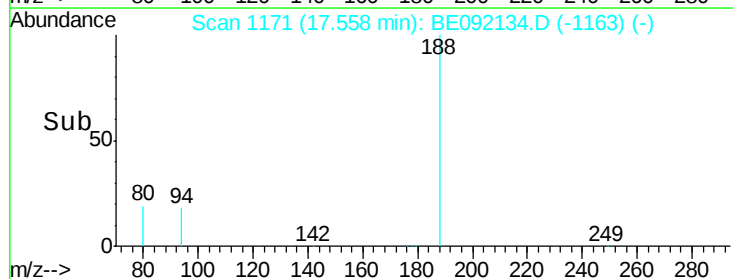
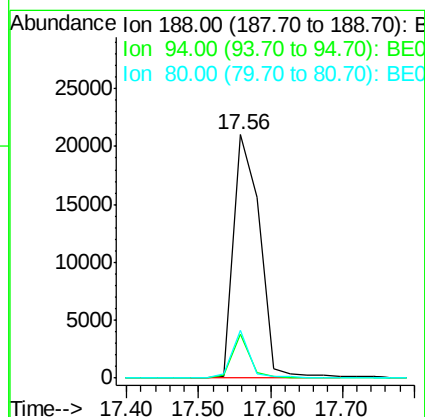
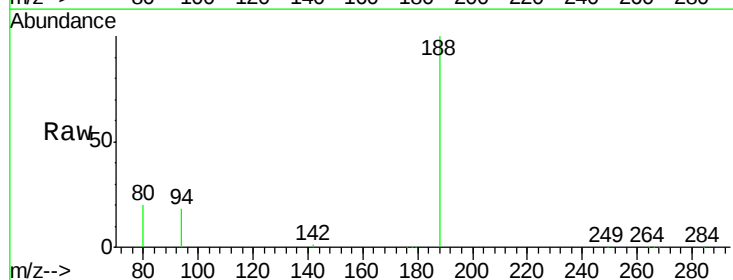
Instrument :
BNA_E
ClientSampleId :
GW-38-6.5-15.0

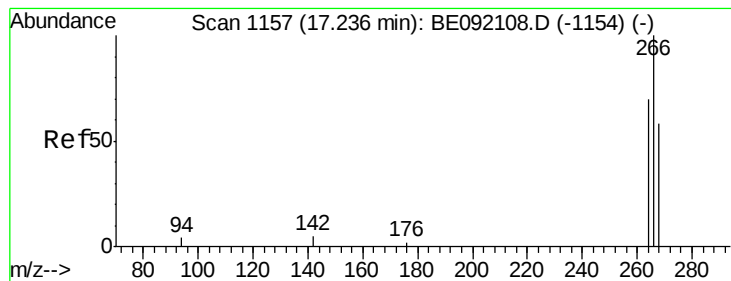
Tgt Ion:172 Resp: 52541
Ion Ratio Lower Upper
172 100
171 32.7 30.3 45.5
170 20.6 21.6 32.4#



#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092134.D
Acq: 3 Aug 2016 5:36

Tgt Ion:188 Resp: 52906
Ion Ratio Lower Upper
188 100
94 18.2 3.9 5.9#
80 19.5 3.4 5.0#





#18

Pentachlorophenol

Concen: 0.25 ng

RT: 17.21 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BE092134.D

Acq: 3 Aug 2016 5:36

Instrument :

BNA_E

ClientSampleId :

GW-38-6.5-15.0

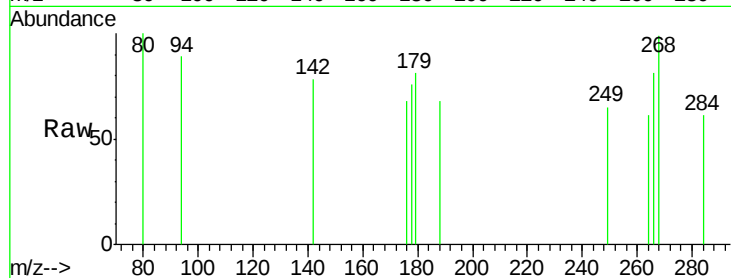
Tgt Ion:266 Resp: 58

Ion Ratio Lower Upper

266 100

268 121.7 62.7 94.1#

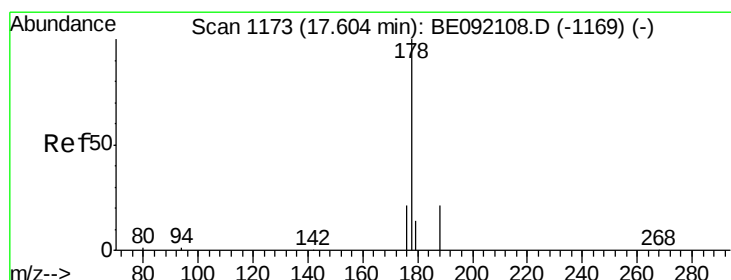
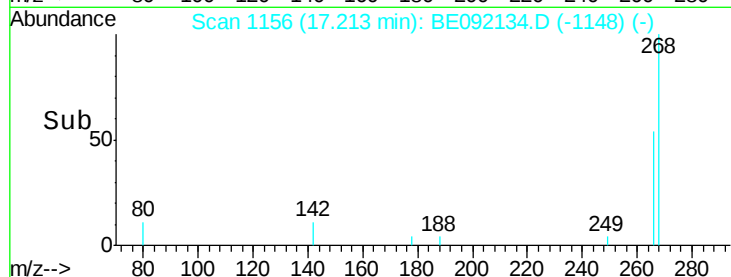
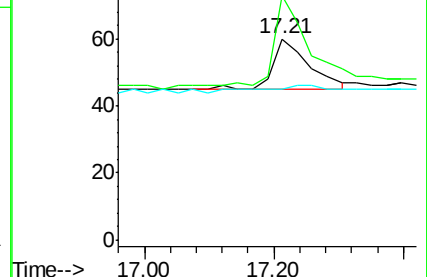
264 75.0 63.5 95.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#19

Phenanthrene

Concen: Below Cal

RT: 17.60 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092134.D

Acq: 3 Aug 2016 5:36

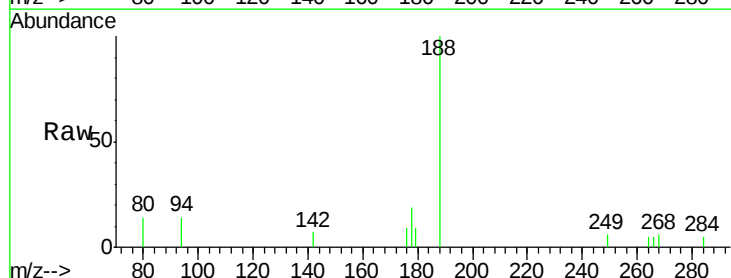
Tgt Ion:178 Resp: 227

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

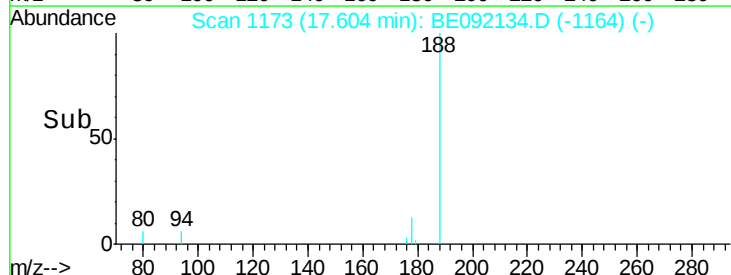
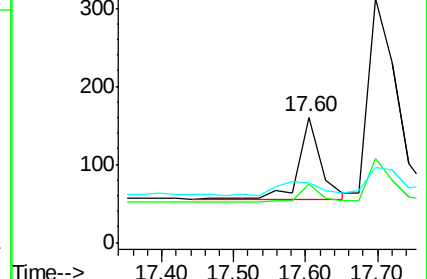
179 0.0 12.7 19.1#

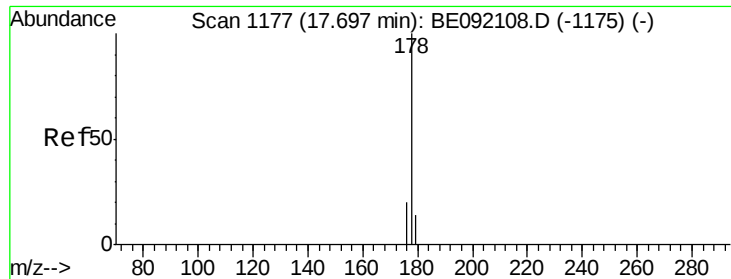


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#20

Anthracene

Concen: 0.05 ng

RT: 17.70 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE092134.D

Acq: 3 Aug 2016 5:36

Instrument :

BNA_E

ClientSampleId :

GW-38-6.5-15.0

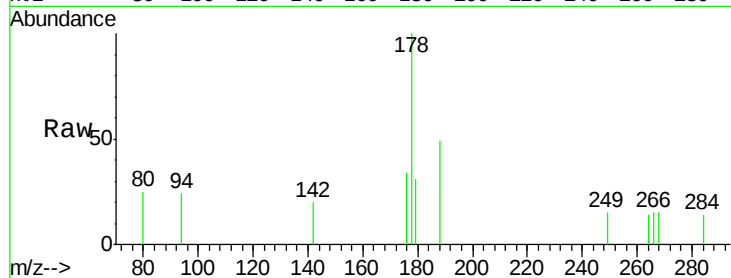
Tgt Ion:178 Resp: 668

Ion Ratio Lower Upper

178 100

176 18.4 15.2 22.8

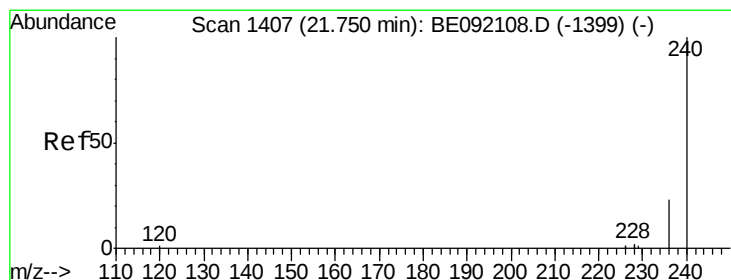
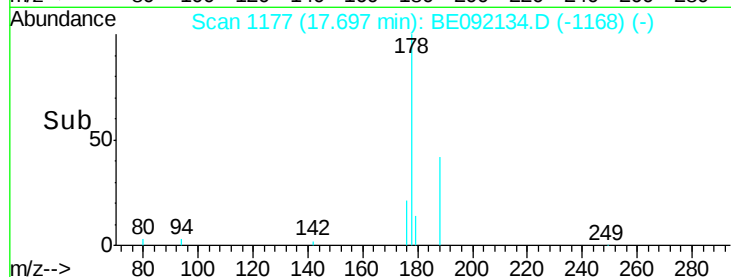
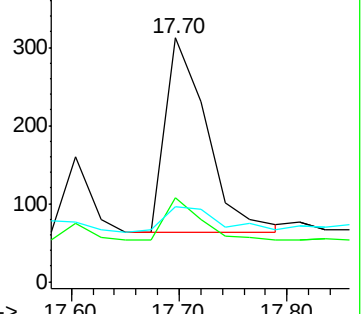
179 17.4 12.2 18.4



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



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BE092134.D

Acq: 3 Aug 2016 5:36

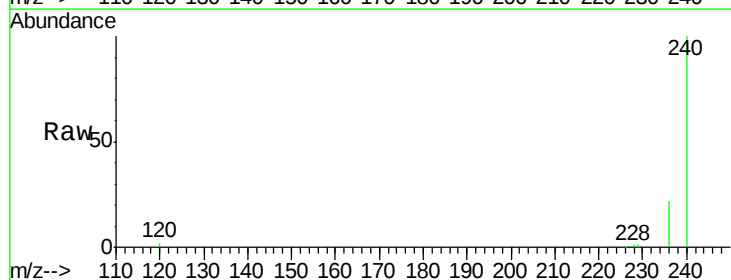
Tgt Ion:240 Resp: 62659

Ion Ratio Lower Upper

240 100

120 1.5 0.6 1.0#

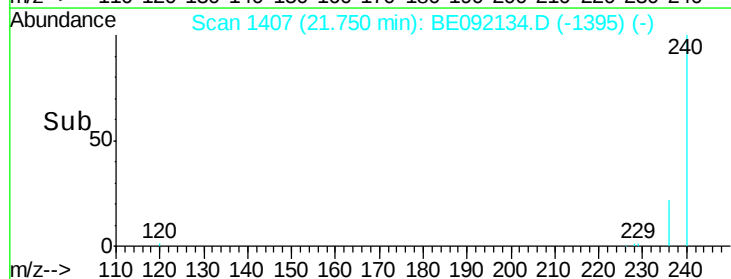
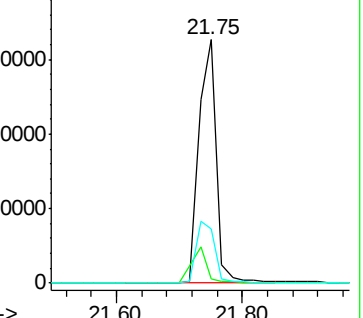
236 22.4 18.2 27.4

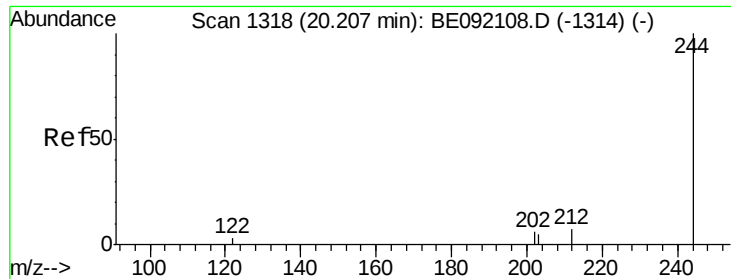


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

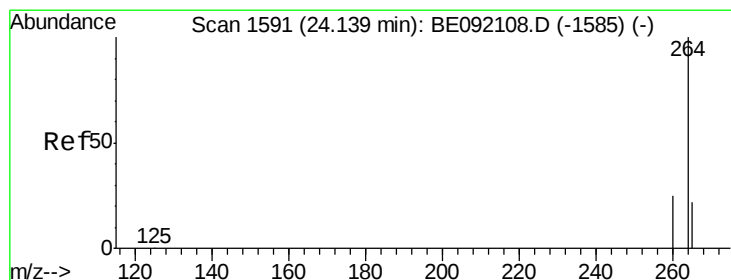
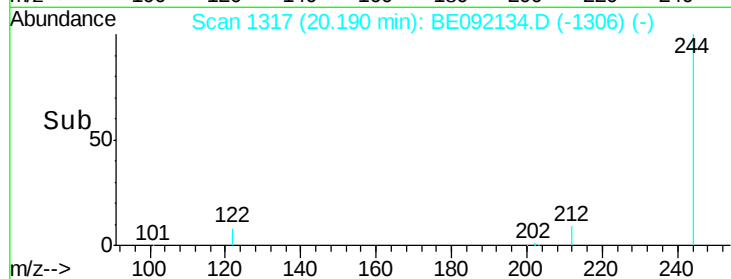
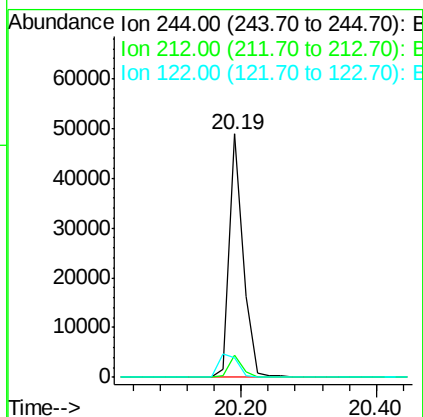
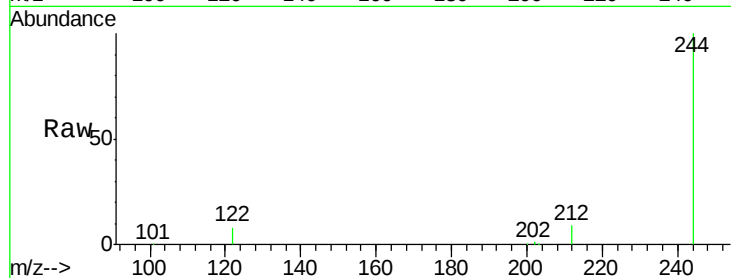




#24
 Terphenyl-d14
 Concen: 7.79 ng
 RT: 20.19 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BE092134.D
 Acq: 3 Aug 2016 5:36

Instrument :
 BNA_E
 ClientSampleId :
 GW-38-6.5-15.0

Tgt Ion: 244 Resp: 70122
 Ion Ratio Lower Upper
 244 100
 212 9.0 9.1 13.7#
 122 8.3 11.0 16.4#



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092134.D
 Acq: 3 Aug 2016 5:36

Tgt Ion: 264 Resp: 66359
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.8 31.2
 265 22.4 16.6 25.0

