

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080216\
 Data File : BE092129.D
 Acq On : 3 Aug 2016 2:25
 Operator : UM/SJ
 Sample : H4152-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-20-9.0-15.0

Quant Time: Aug 03 03:55:41 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

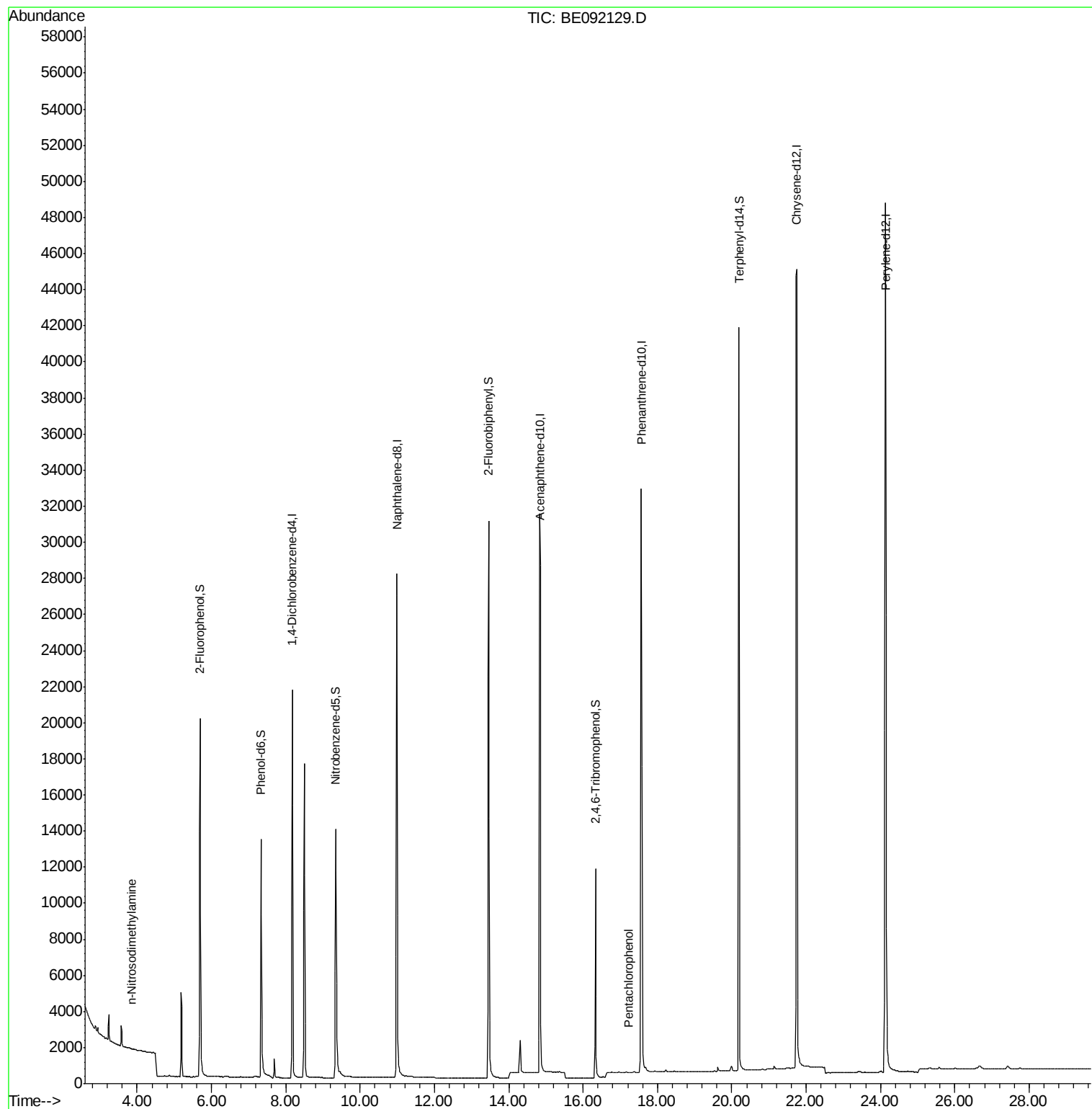
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11128	5.00	ng	0.00
6) Naphthalene-d8	10.99	136	48176	5.00	ng	0.00
10) Acenaphthene-d10	14.85	164	25853	5.00	ng	0.00
16) Phenanthrene-d10	17.56	188	57927	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	70358	5.00	ng	0.00
28) Perylene-d12	24.14	264	73472	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	17100	5.98	ng	0.00
5) Phenol-d6	7.34	99	15454	4.06	ng	-0.01
7) Nitrobenzene-d5	9.34	82	15414	4.05	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	8185	9.75	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	34394	4.20	ng	0.00
24) Terphenyl-d14	20.19	244	50082	4.96	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.85	42	14	0.10	ng	# 56
8) Naphthalene	11.03	128	46	Below Cal		# 1
18) Pentachlorophenol	17.24	266	7	0.20	ng	# 77
19) Phenanthrene	17.61	178	194	Below Cal		# 82
30) Benzo(k)fluoranthene	23.46	252	73	Below Cal		# 1

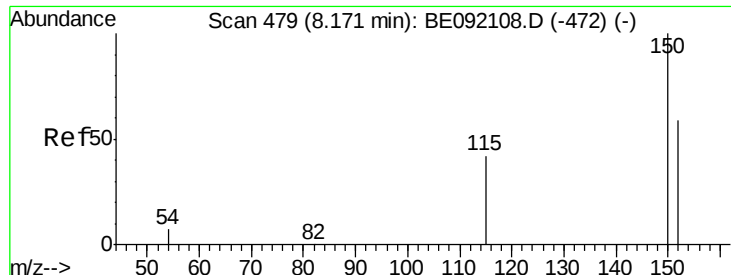
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080216\
Data File : BE092129.D
Acq On : 3 Aug 2016 2:25
Operator : UM/SJ
Sample : H4152-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-20-9.0-15.0

Quant Time: Aug 03 03:55:41 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: BE092129.D

Acq: 3 Aug 2016 2:25

Instrument :

BNA_E

ClientSampleId :

GW-20-9.0-15.0

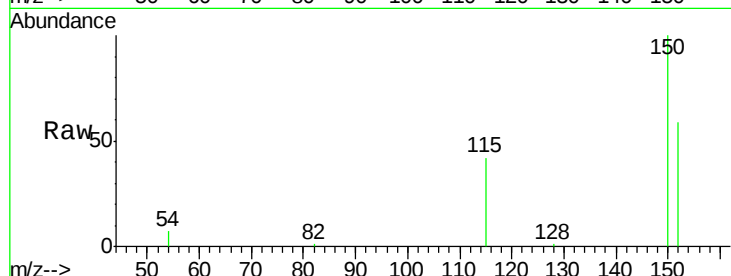
Tgt Ion:152 Resp: 11128

Ion Ratio Lower Upper

152 100

150 169.2 106.0 159.0#

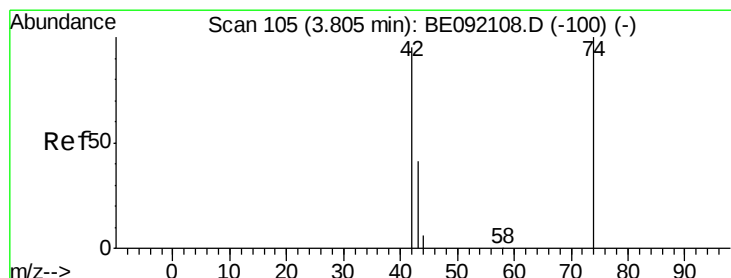
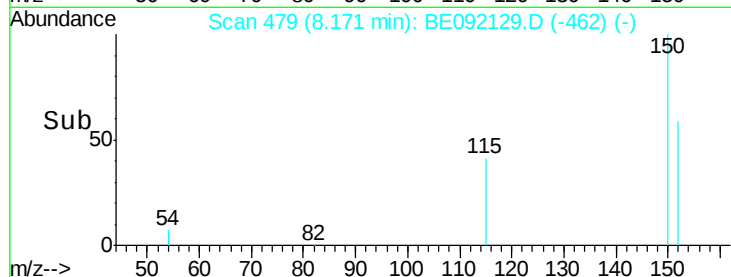
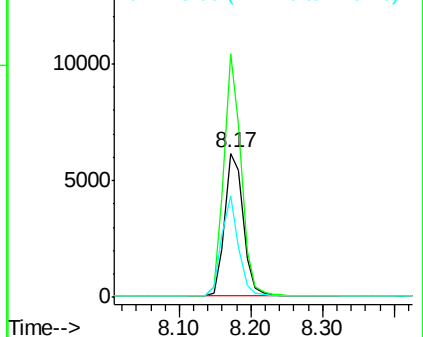
115 70.3 36.9 55.3#



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: 3.85 min Scan# 109

Delta R.T. 0.04 min

Lab File: BE092129.D

Acq: 3 Aug 2016 2:25

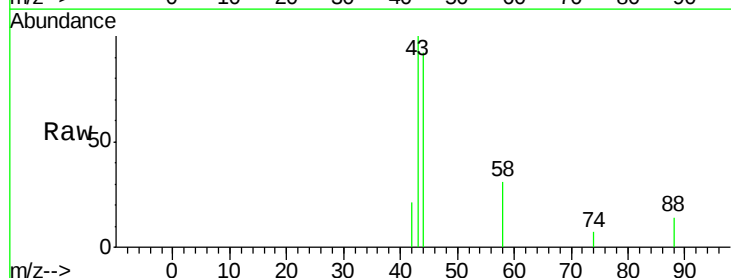
Tgt Ion: 42 Resp: 14

Ion Ratio Lower Upper

42 100

74 57.1 82.8 124.2#

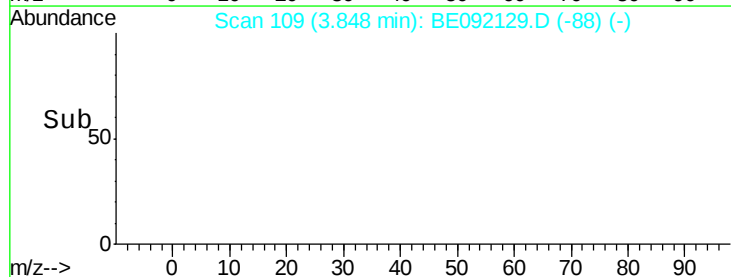
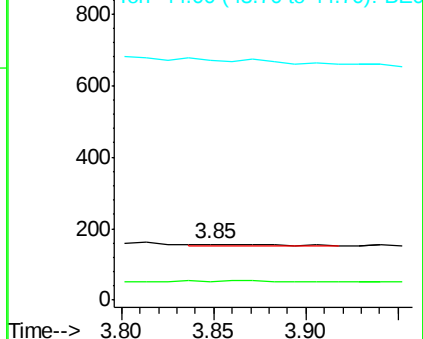
44 0.0 9.0 13.4#

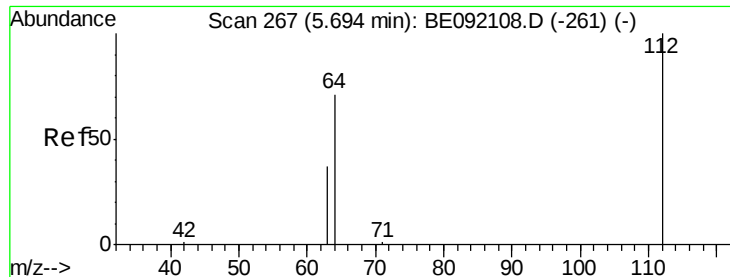


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 5.98 ng

RT: 5.69 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092129.D

Acq: 3 Aug 2016 2:25

Instrument :

BNA_E

ClientSampleId :

GW-20-9.0-15.0

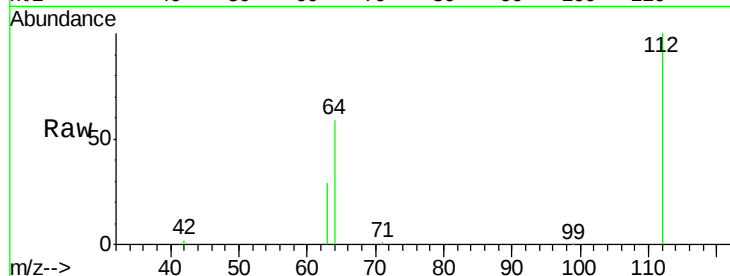
Tgt Ion: 112 Resp: 17100

Ion Ratio Lower Upper

112 100

64 66.8 55.9 83.9

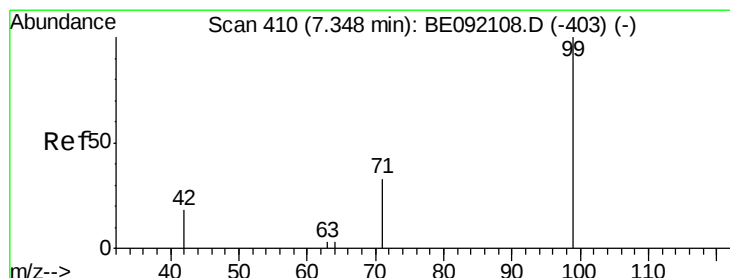
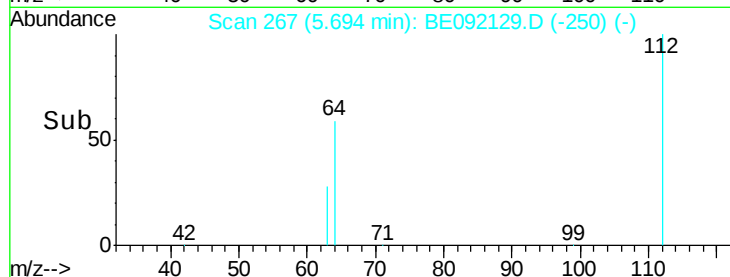
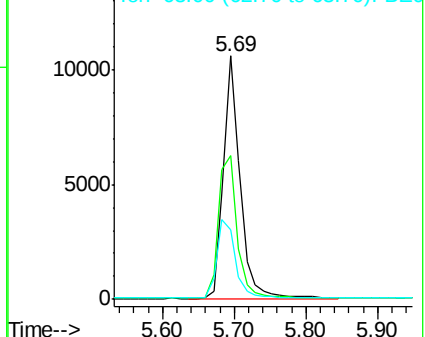
63 36.1 31.1 46.7



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: 4.06 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092129.D

Acq: 3 Aug 2016 2:25

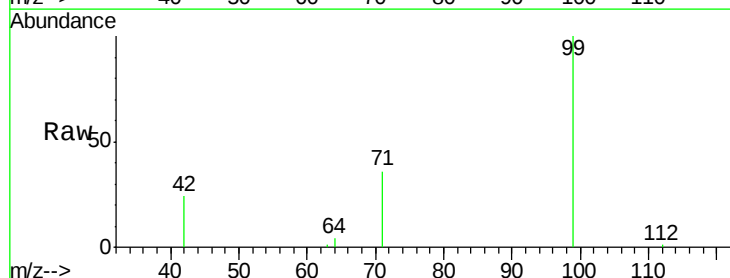
Tgt Ion: 99 Resp: 15454

Ion Ratio Lower Upper

99 100

42 24.7 22.4 33.6

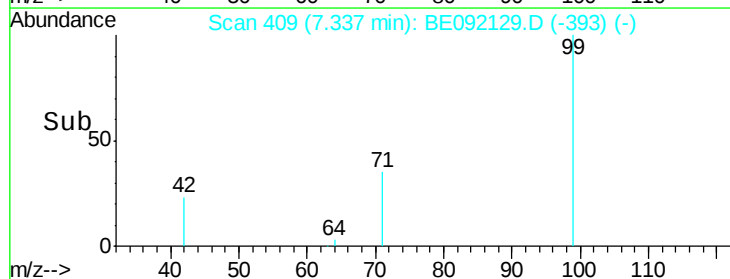
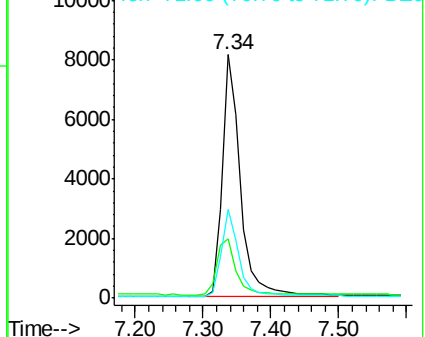
71 34.9 28.9 43.3

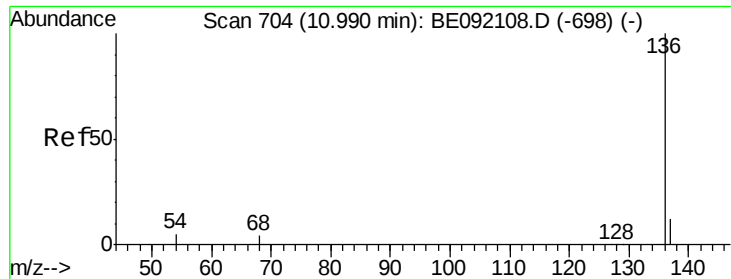


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

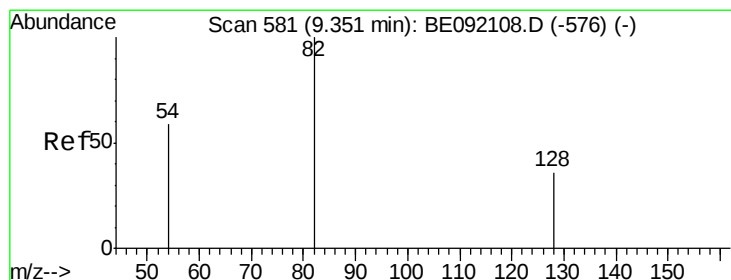
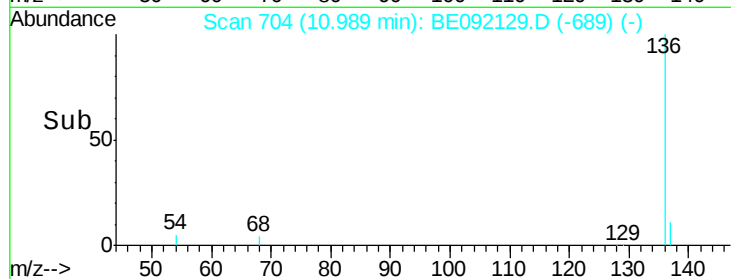
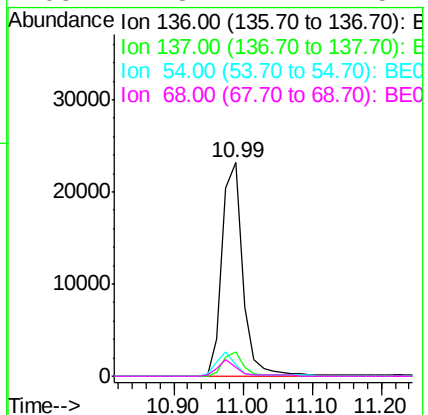
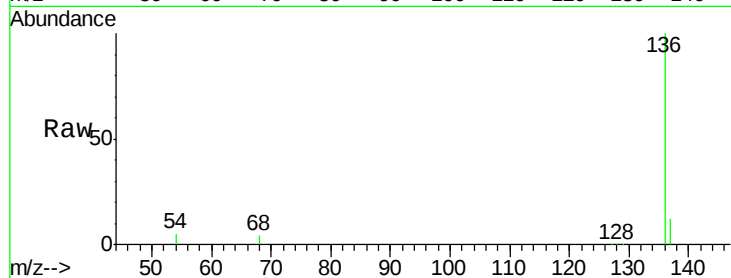




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 704
Delta R.T. -0.00 min
Lab File: BE092129.D
Acq: 3 Aug 2016 2:25

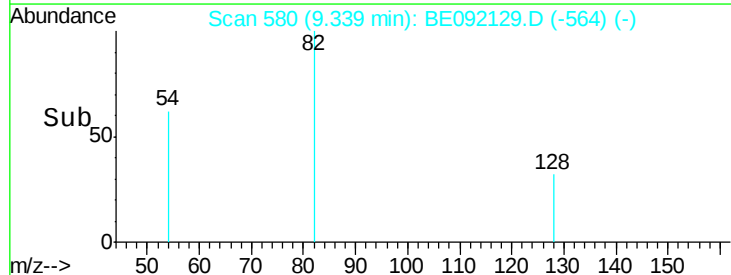
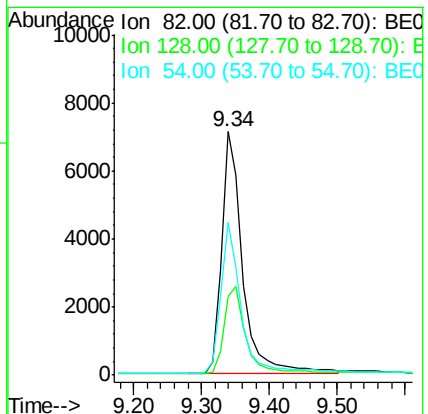
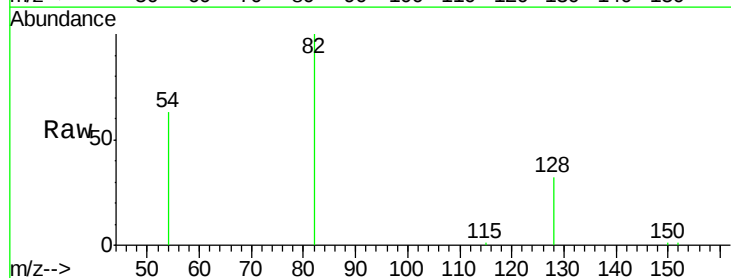
Instrument :
BNA_E
ClientSampleId :
GW-20-9.0-15.0

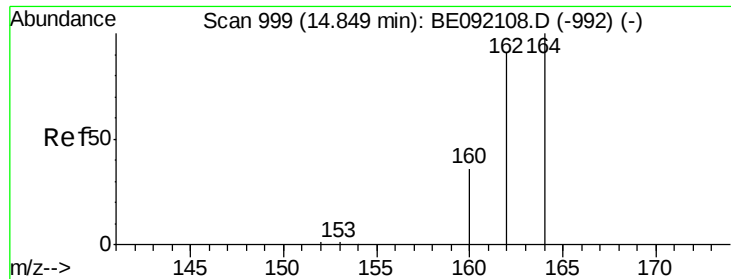
Tgt Ion: 136 Resp: 48176
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 5.3 2.7 4.1#
68 4.3 2.2 3.4#



#7
Nitrobenzene-d5
Concen: 4.05 ng
RT: 9.34 min Scan# 580
Delta R.T. -0.01 min
Lab File: BE092129.D
Acq: 3 Aug 2016 2:25

Tgt Ion: 82 Resp: 15414
Ion Ratio Lower Upper
82 100
128 32.0 33.0 49.4#
54 62.7 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: BE092129.D

Acq: 3 Aug 2016 2:25

Instrument :

BNA_E

ClientSampleId :

GW-20-9.0-15.0

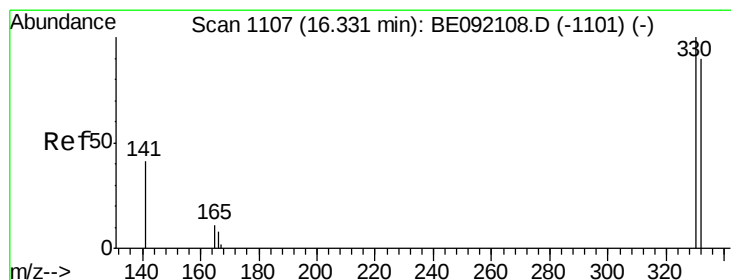
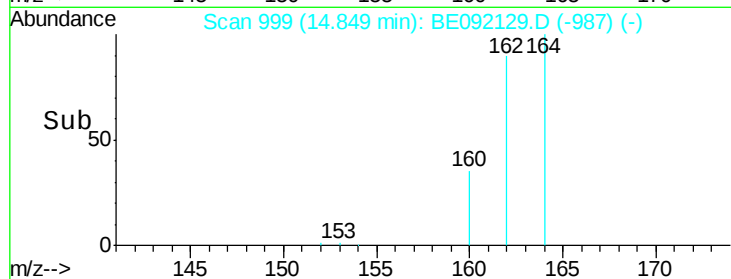
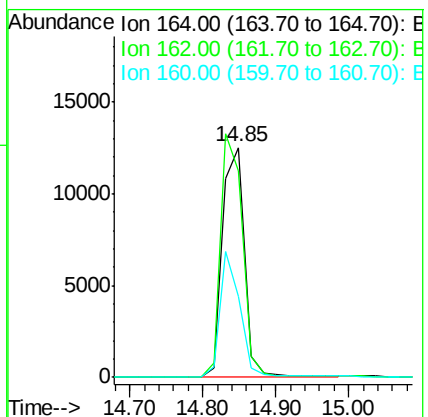
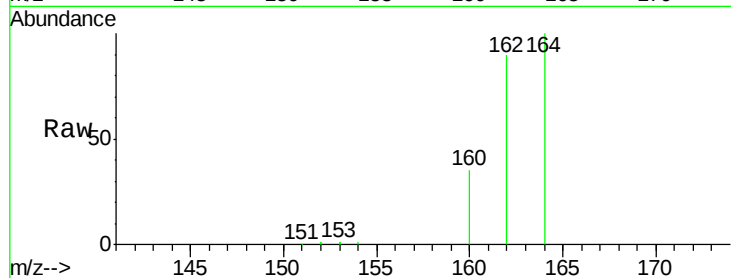
Tgt Ion:164 Resp: 25853

Ion Ratio Lower Upper

164 100

162 89.8 69.5 104.3

160 35.2 27.6 41.4



#11

2,4,6-Tribromophenol

Concen: 9.75 ng

RT: 16.33 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BE092129.D

Acq: 3 Aug 2016 2:25

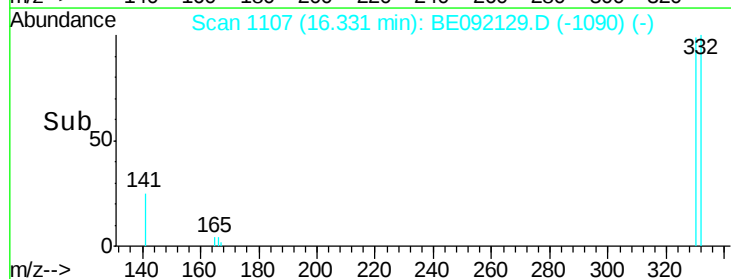
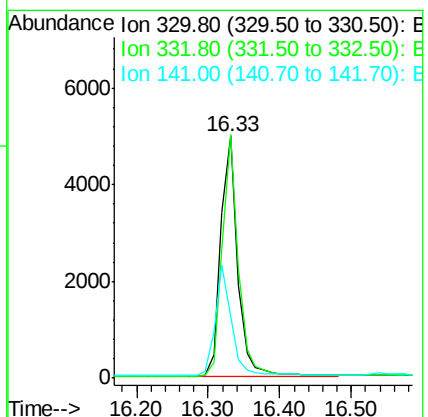
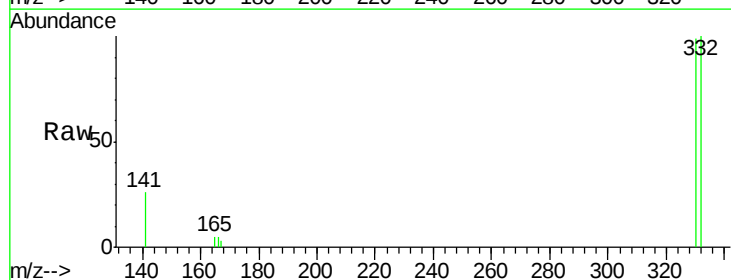
Tgt Ion:330 Resp: 8185

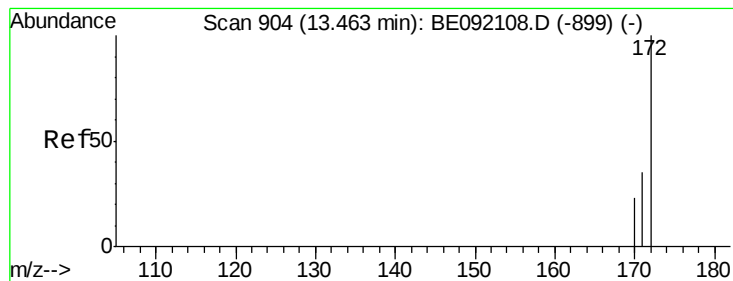
Ion Ratio Lower Upper

330 100

332 96.1 74.2 111.4

141 43.6 139.8 209.8#

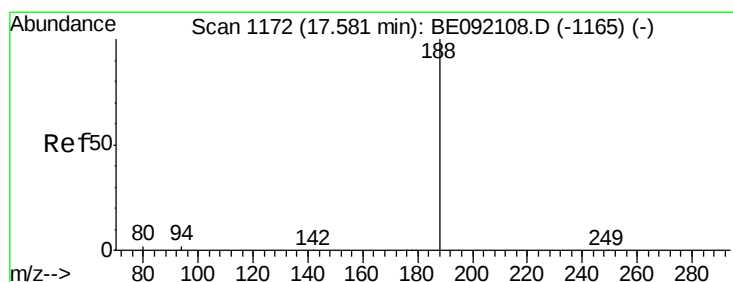
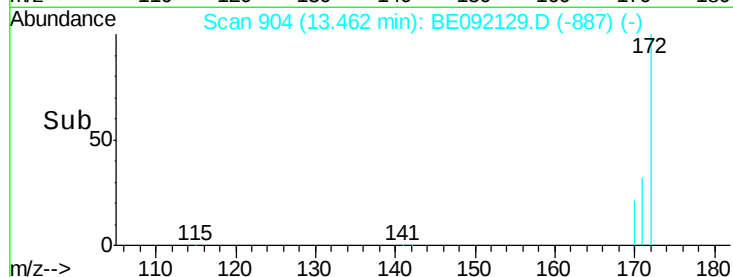
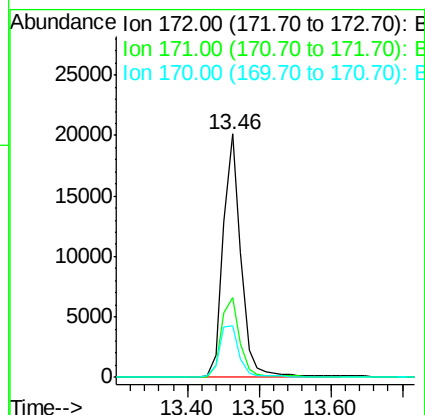
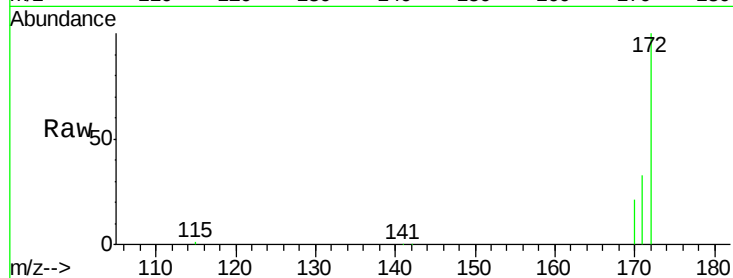




#12
2-Fluorobiphenyl
Concen: 4.20 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092129.D
Acq: 3 Aug 2016 2:25

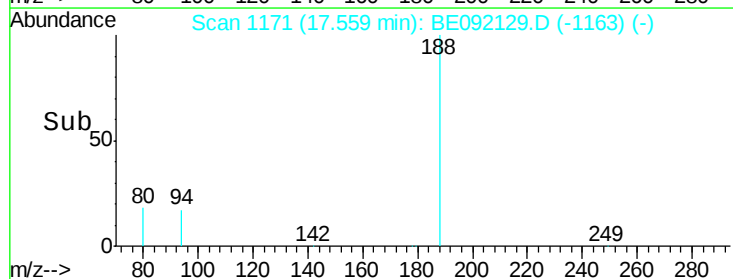
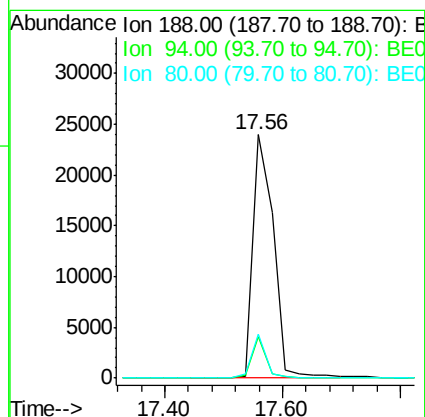
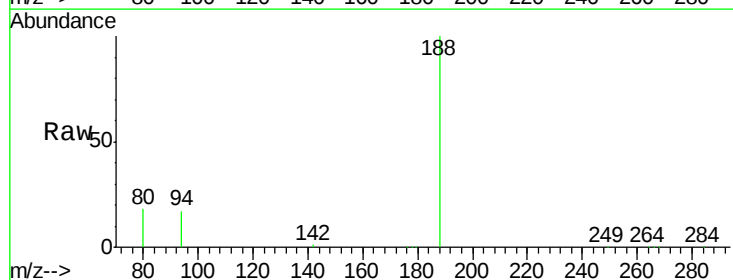
Instrument :
BNA_E
ClientSampleId :
GW-20-9.0-15.0

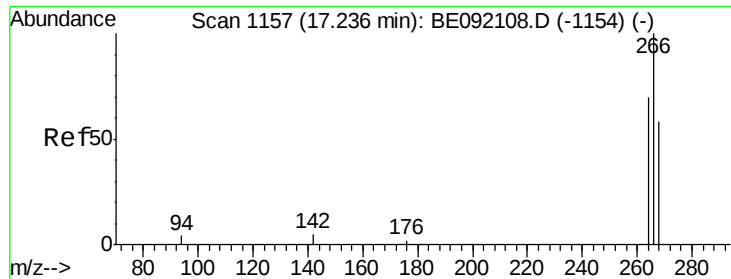
Tgt Ion:172 Resp: 34394
Ion Ratio Lower Upper
172 100
171 32.6 30.3 45.5
170 21.1 21.6 32.4#



#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092129.D
Acq: 3 Aug 2016 2:25

Tgt Ion:188 Resp: 57927
Ion Ratio Lower Upper
188 100
94 17.0 3.9 5.9#
80 18.0 3.4 5.0#

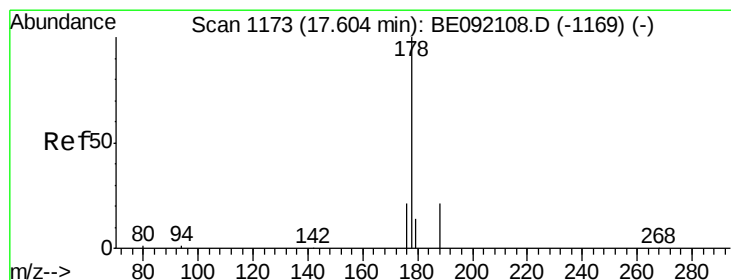
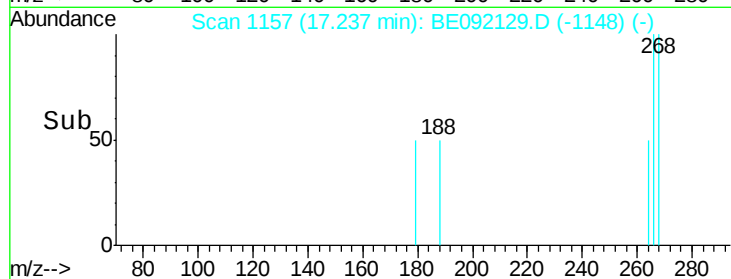
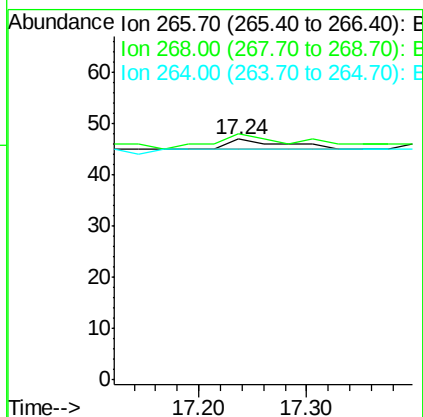
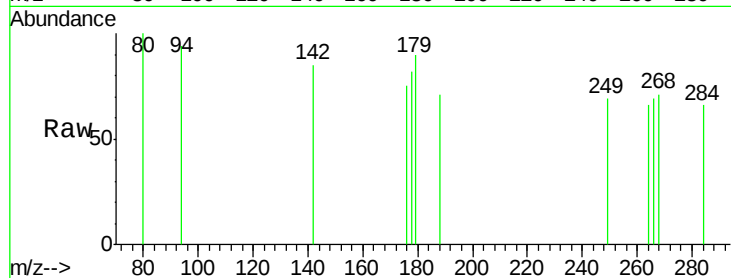




#18
 Pentachlorophenol
 Concen: 0.20 ng
 RT: 17.24 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BE092129.D
 Acq: 3 Aug 2016 2:25

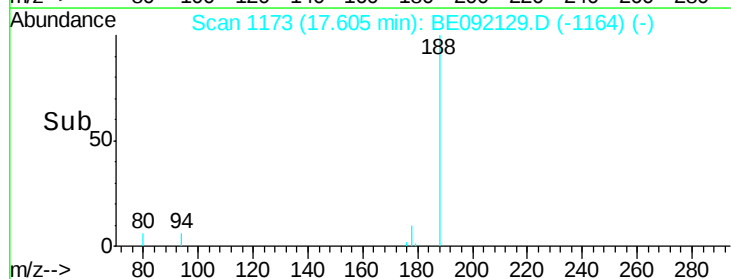
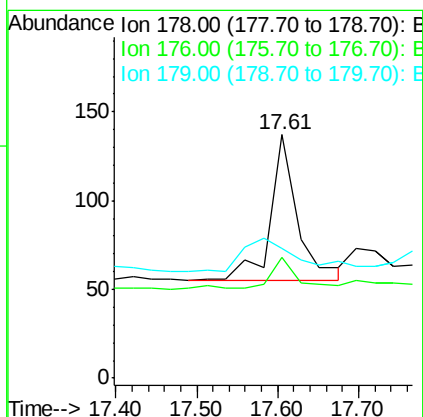
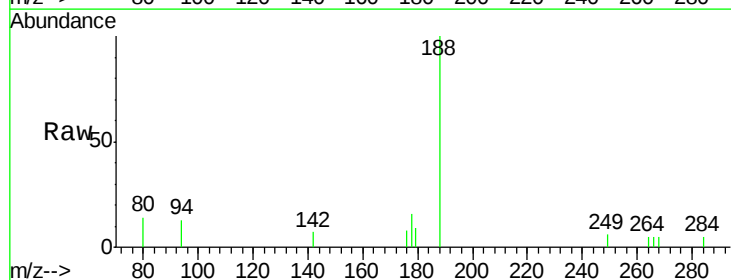
Instrument :
 BNA_E
 ClientSampleId :
 GW-20-9.0-15.0

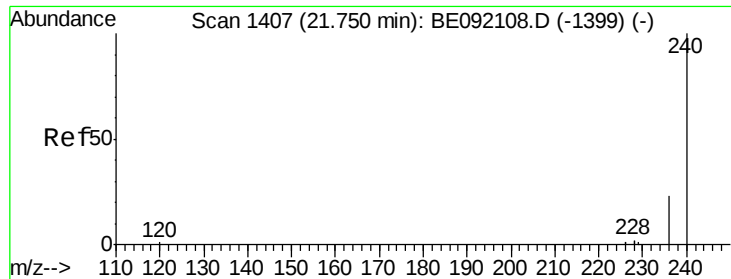
Tgt Ion: 266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 268 102.1 62.7 94.1#
 264 95.7 63.5 95.3#



#19
 Phenanthrene
 Concen: Below Cal
 RT: 17.61 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BE092129.D
 Acq: 3 Aug 2016 2:25

Tgt Ion: 178 Resp: 194
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.0
 179 0.0 12.7 19.1#





#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BE092129.D

Acq: 3 Aug 2016 2:25

Instrument :

BNA_E

ClientSampleId :

GW-20-9.0-15.0

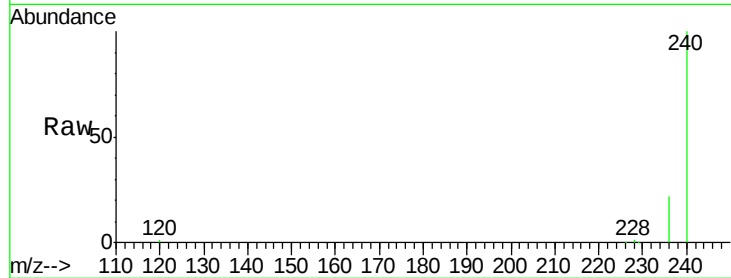
Tgt Ion:240 Resp: 70358

Ion Ratio Lower Upper

240 100

120 1.5 0.6 1.0#

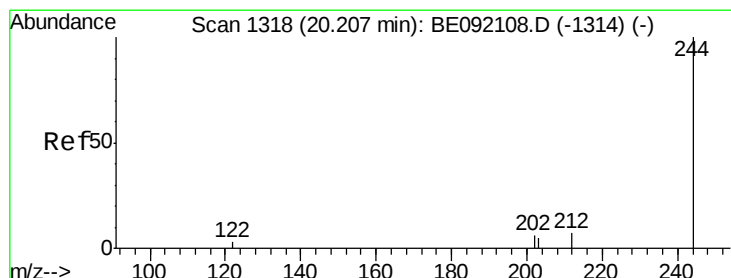
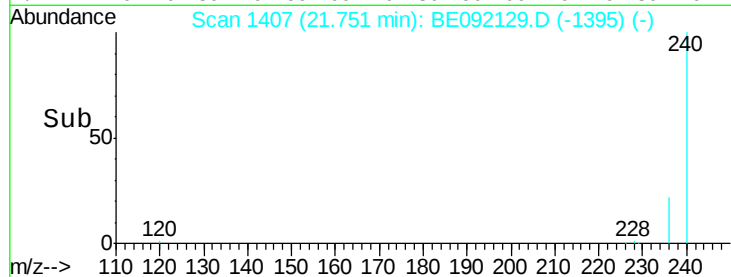
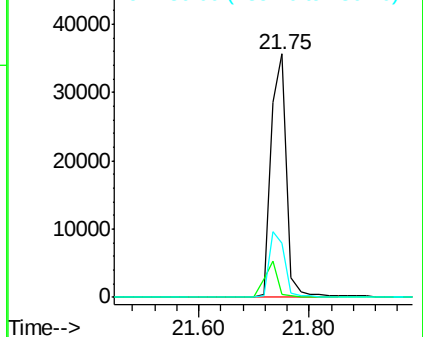
236 22.4 18.2 27.4



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: 4.96 ng

RT: 20.19 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BE092129.D

Acq: 3 Aug 2016 2:25

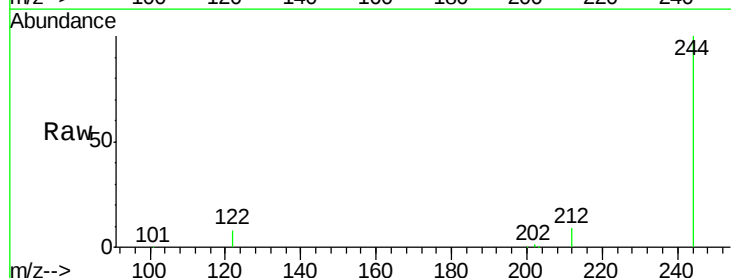
Tgt Ion:244 Resp: 50082

Ion Ratio Lower Upper

244 100

212 9.1 9.1 13.7#

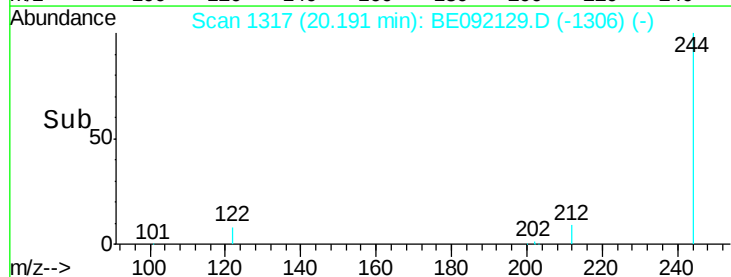
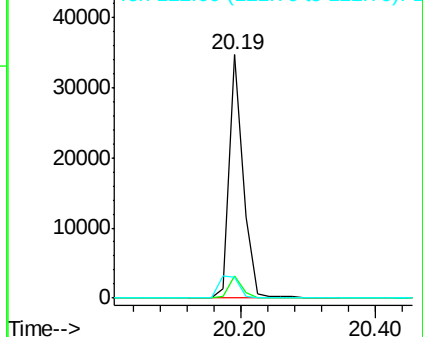
122 8.4 11.0 16.4#

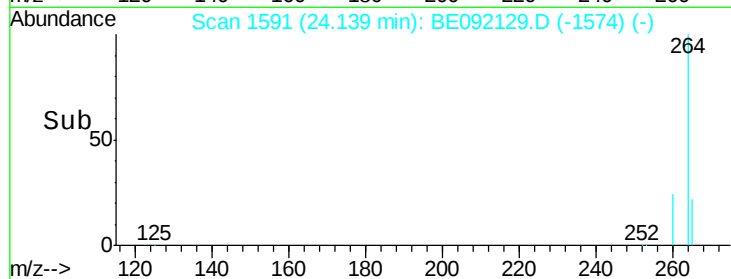
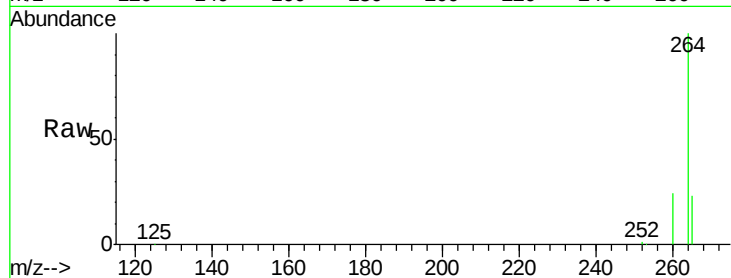
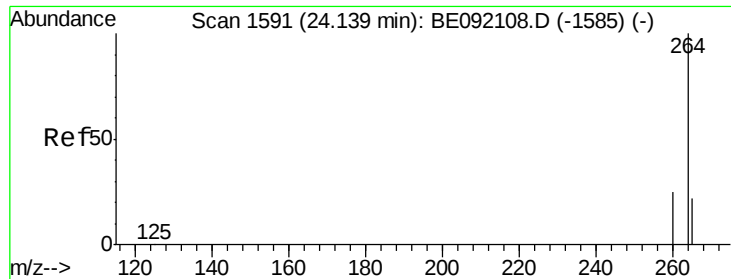


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Perylene-d12

Concen: 5.00 ng

RT: 24.14 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BE092129.D

Acq: 3 Aug 2016 2:25

Instrument :

BNA_E

ClientSampleId :

GW-20-9.0-15.0

Tgt Ion: 264 Resp: 73472

Ion Ratio Lower Upper

264 100

260 24.1 20.8 31.2

265 23.1 16.6 25.0

