

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070716\
 Data File : BE091987.D
 Acq On : 7 Jul 2016 19:02
 Operator : UM/SJ
 Sample : H3697-04
 Misc : 4X internal std added
 ALS Vial : 5 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 EB-GW-02

Quant Time: Jul 08 16:14:57 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 16:14:58 2016
 Response via : Initial Calibration

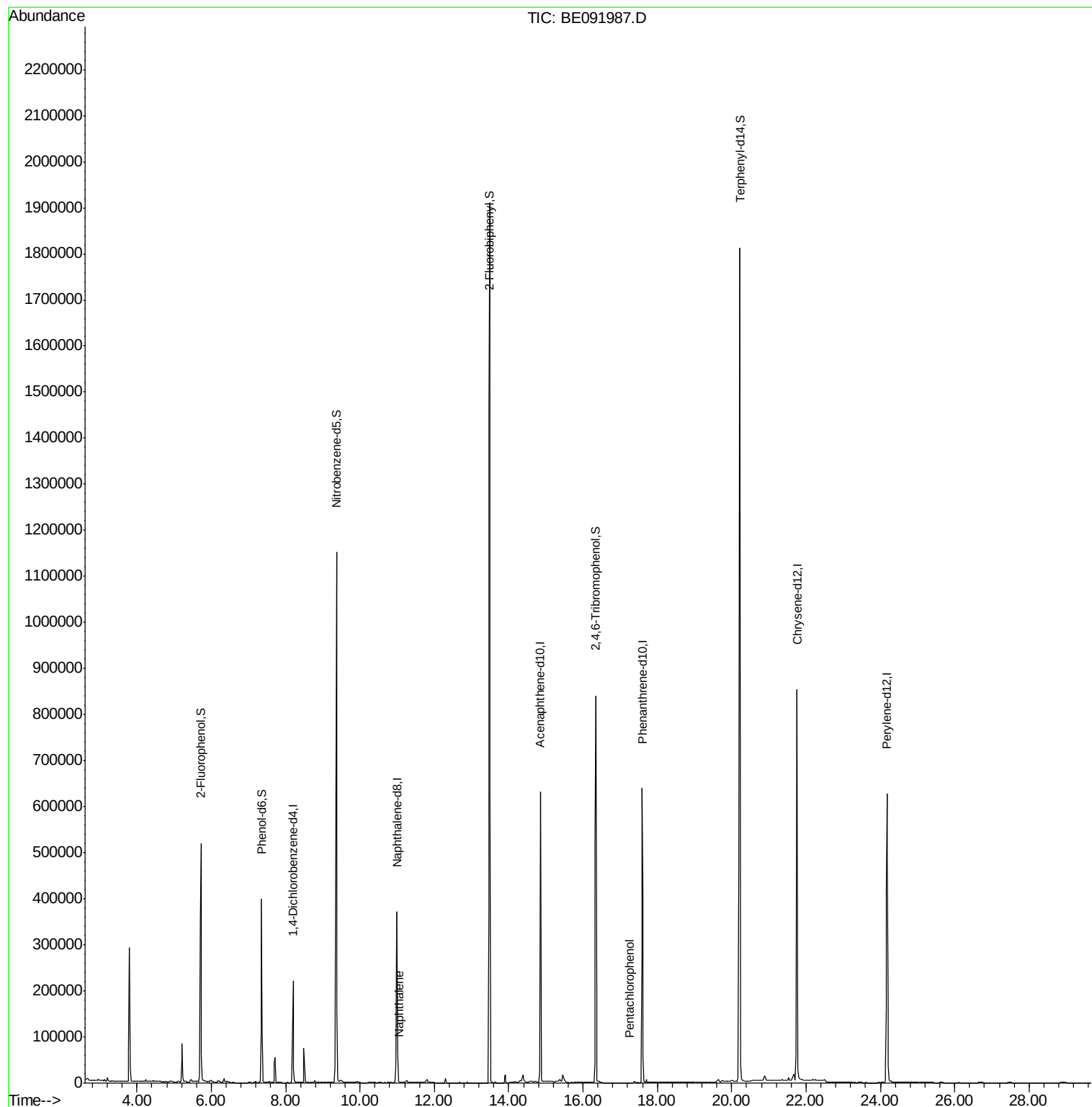
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	117517	20.00	ng	0.00
8) Naphthalene-d8	10.99	136	557221	20.00	ng	0.00
15) Acenaphthene-d10	14.86	164	400254	20.00	ng	0.00
24) Phenanthrene-d10	17.59	188	803865	20.00	ng	0.00
31) Chrysene-d12	21.76	240	1087948	20.00	ng	0.00
40) Perylene-d12	24.18	264	930490	20.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	468301	66.63	ng	0.00
5) Phenol-d6	7.35	99	416381	42.64	ng	-0.02
9) Nitrobenzene-d5	9.37	82	1022477	107.76	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	432110	118.98	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	1924292	78.83	ng	0.00
34) Terphenyl-d14	20.22	244	2469326	76.97	ng	0.00
Target Compounds						
12) Naphthalene	11.04	128	2657	0.08	ng	# 92
14) 2-Methylnaphthalene	12.66	142	1380	0.07	ng	# 85
27) Pentachlorophenol	17.25	266	388	0.59	ng	94
28) Phenanthrene	17.64	178	2376	0.05	ng	# 80
30) Fluoranthene	19.65	202	10307	0.05	ng	# 85
33) Pyrene	19.99	202	8298	0.04	ng	# 64

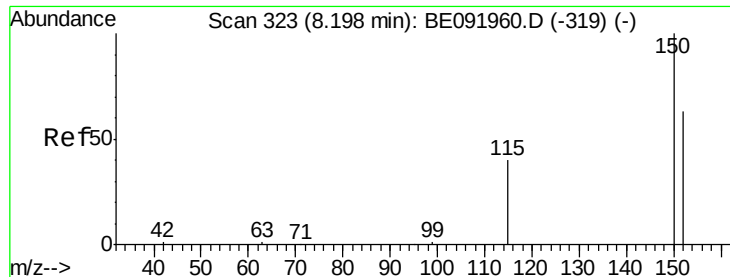
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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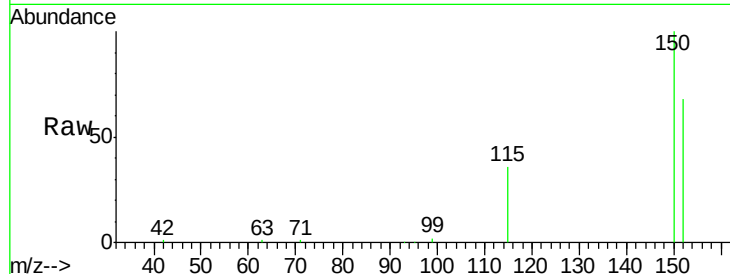


#1

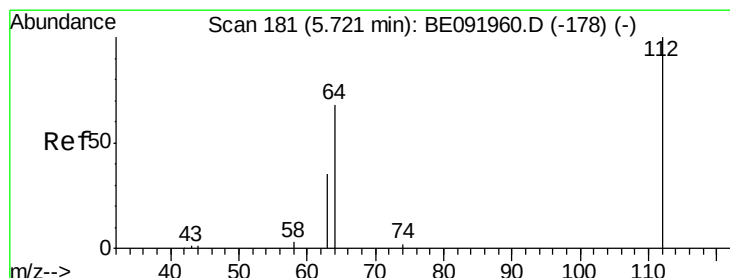
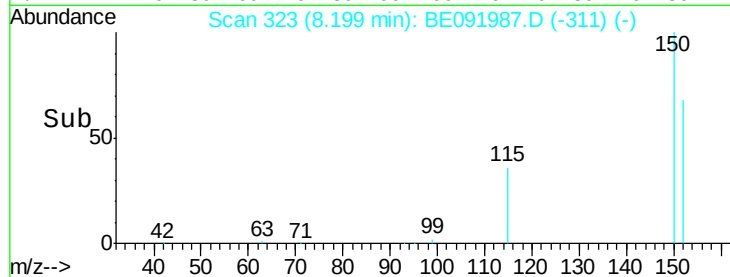
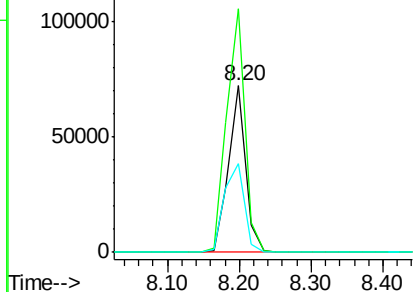
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 323
Delta R.T. 0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Instrument :
BNA_E
ClientSampleId :
EB-GW-02

Tot Ion:152 Resp: 117517
Ion Ratio Lower Upper
152 100
150 146.3 123.9 185.9
115 53.3 48.3 72.5



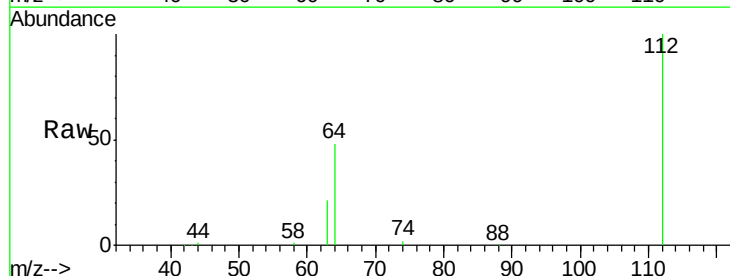
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



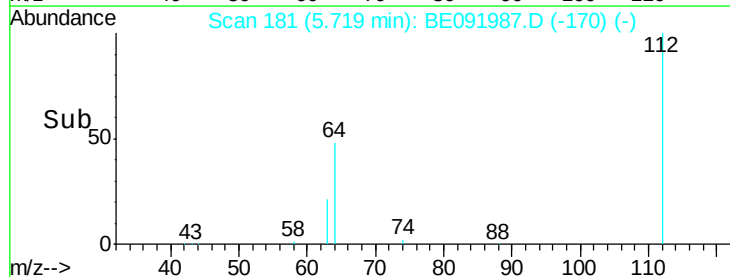
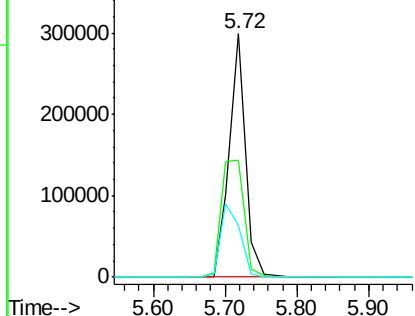
#4

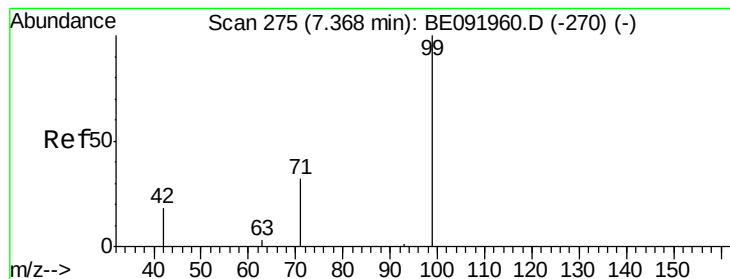
2-Fluorophenol
Concen: 66.63 ng
RT: 5.72 min Scan# 181
Delta R.T. -0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion:112 Resp: 468301
Ion Ratio Lower Upper
112 100
64 67.6 53.7 80.5
63 36.3 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 42.64 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091987.D

Acq: 7 Jul 2016 19:02

Instrument :

BNA_E

ClientSampleId :

EB-GW-02

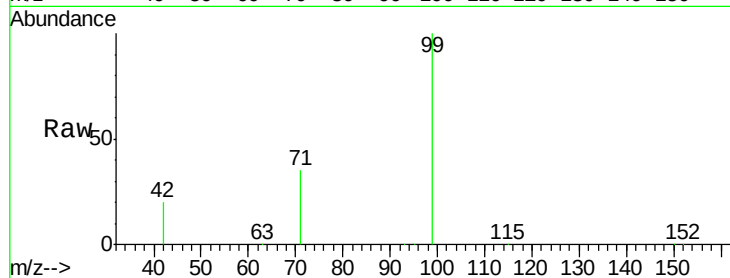
Tot Ion: 99 Resp: 416381

Ion Ratio Lower Upper

99 100

42 24.5 19.6 29.4

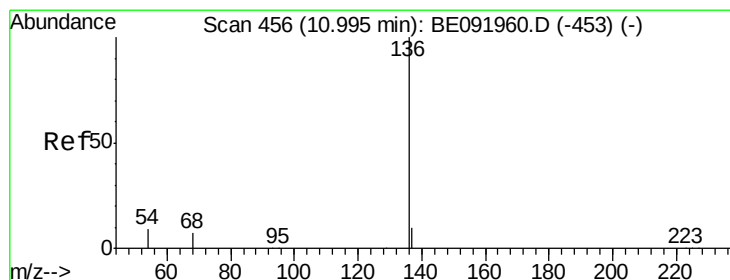
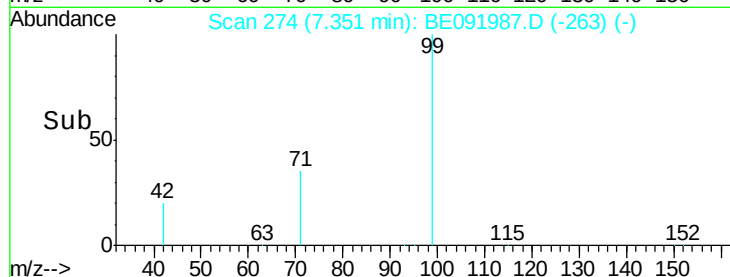
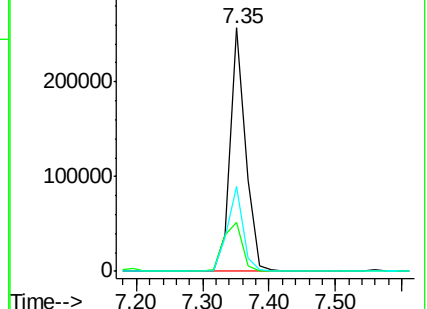
71 36.0 28.1 42.1



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: 20.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091987.D

Acq: 7 Jul 2016 19:02

Tgt Ion: 136 Resp: 557221

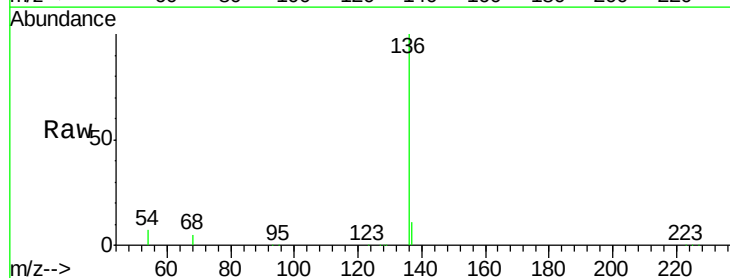
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 7.0 8.2 12.4#

68 5.4 5.9 8.9#

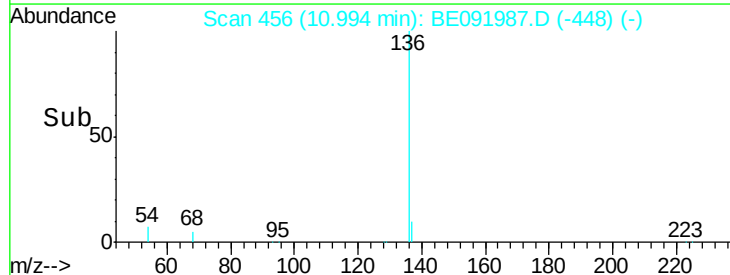
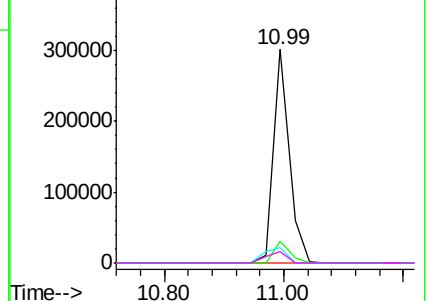


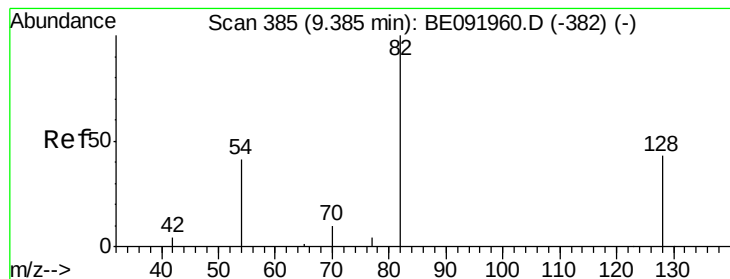
Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.76 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091987.D

Acq: 7 Jul 2016 19:02

Instrument :

BNA_E

ClientSampleId :

EB-GW-02

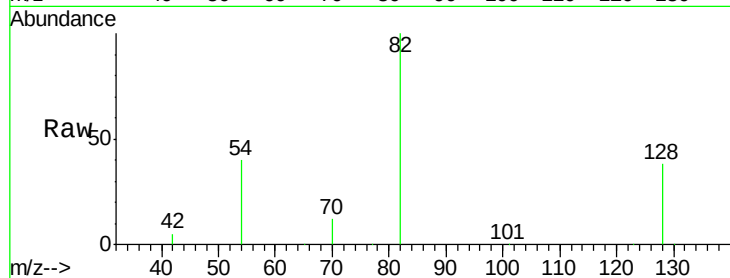
Tot Ion: 82 Resp: 1022477

Ion Ratio Lower Upper

82 100

128 37.6 39.5 59.3#

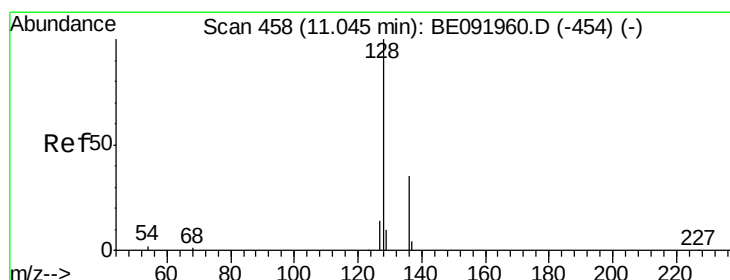
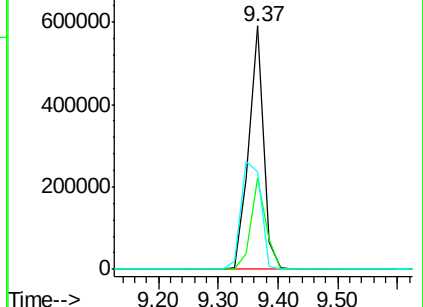
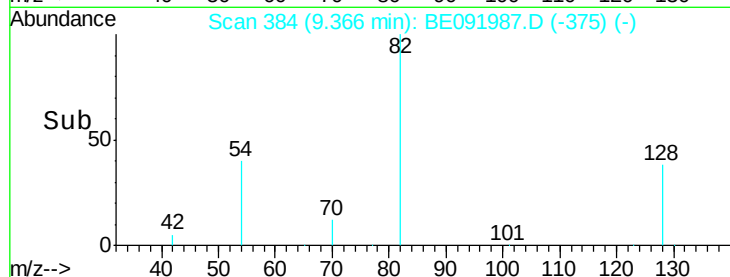
54 39.9 30.3 45.5



Abundance Ion 82.00 (81.70 to 82.70): BE091960.D (-382) (-)

Ion 128.00 (127.70 to 128.70): BE091960.D (-382) (-)

Ion 54.00 (53.70 to 54.70): BE091960.D (-382) (-)



#12

Naphthalene

Concen: 0.08 ng

RT: 11.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: BE091987.D

Acq: 7 Jul 2016 19:02

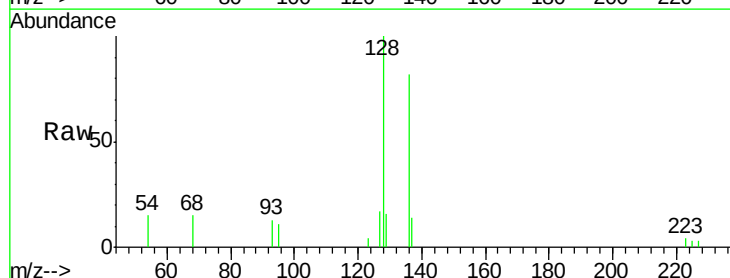
Tgt Ion: 128 Resp: 2657

Ion Ratio Lower Upper

128 100

129 15.6 10.4 15.6#

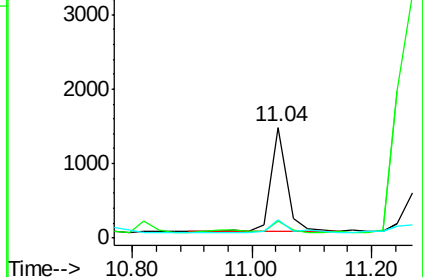
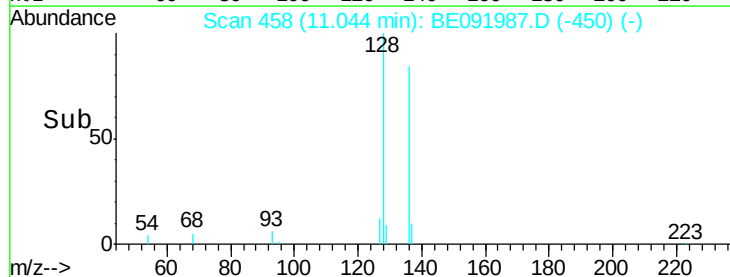
127 16.7 10.2 15.2#

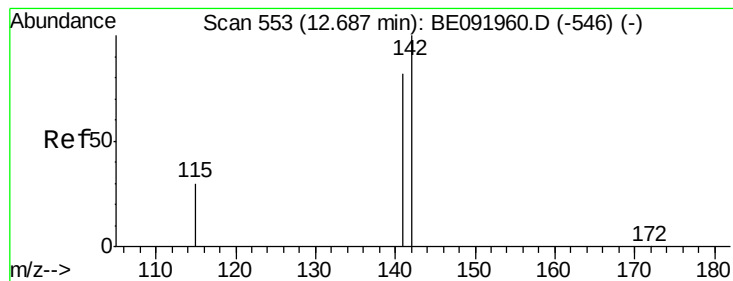


Abundance Ion 128.00 (127.70 to 128.70): BE091960.D (-454) (-)

Ion 129.00 (128.70 to 129.70): BE091960.D (-454) (-)

Ion 127.00 (126.70 to 127.70): BE091960.D (-454) (-)





#14

2-Methylnaphthalene

Concen: 0.07 ng

RT: 12.66 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE091987.D

Acq: 7 Jul 2016 19:02

Instrument :

BNA_E

ClientSampleId :

EB-GW-02

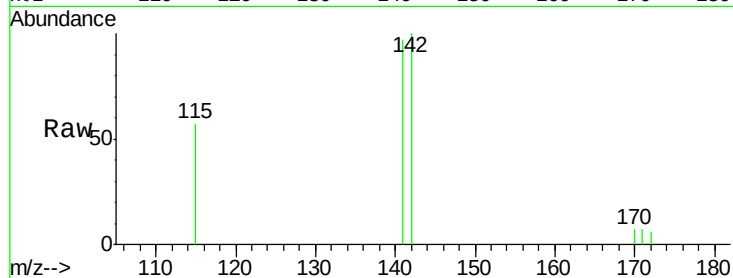
Tot Ion:142 Resp: 1380

Ion Ratio Lower Upper

142 100

141 97.4 71.9 107.9

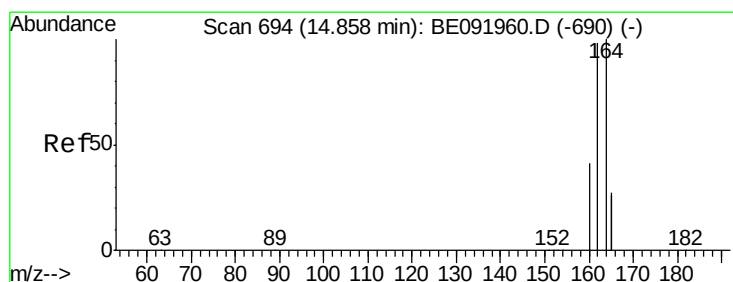
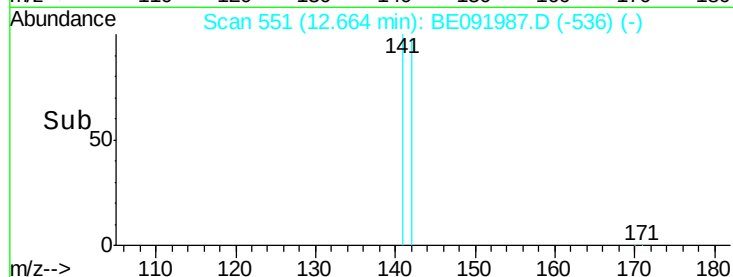
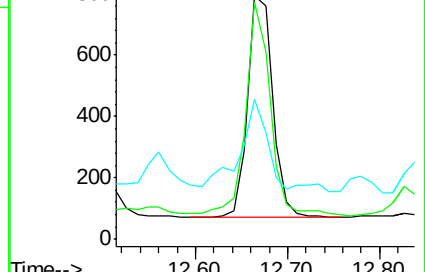
115 57.4 29.9 44.9#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#15

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE091987.D

Acq: 7 Jul 2016 19:02

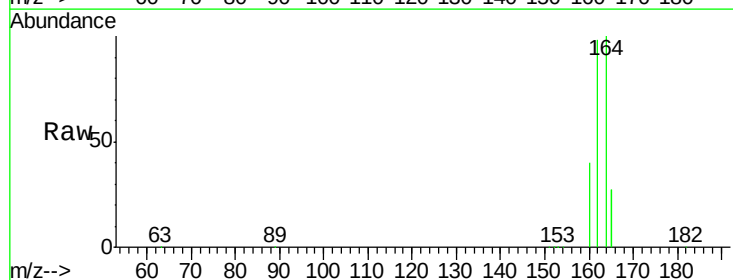
Tgt Ion:164 Resp: 400254

Ion Ratio Lower Upper

164 100

162 97.8 71.8 107.8

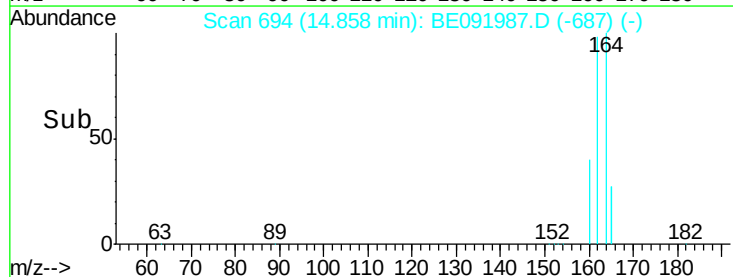
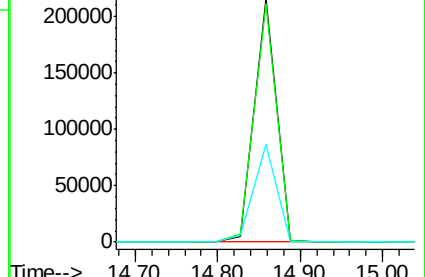
160 40.0 28.0 42.0

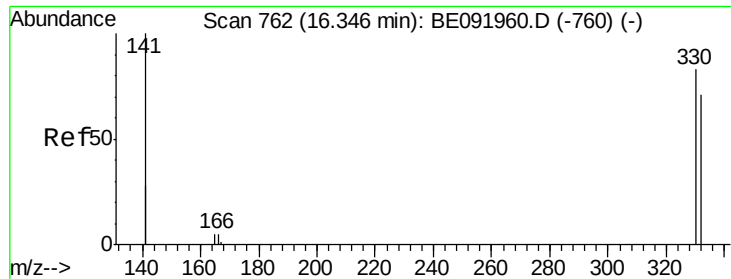


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

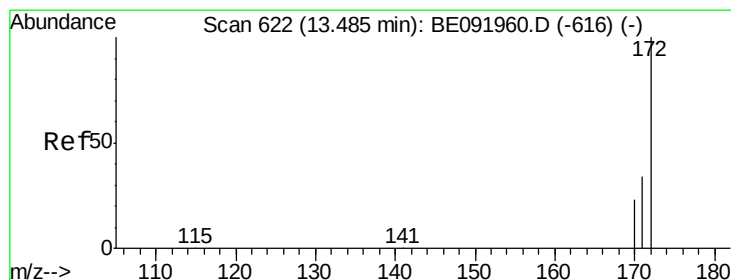
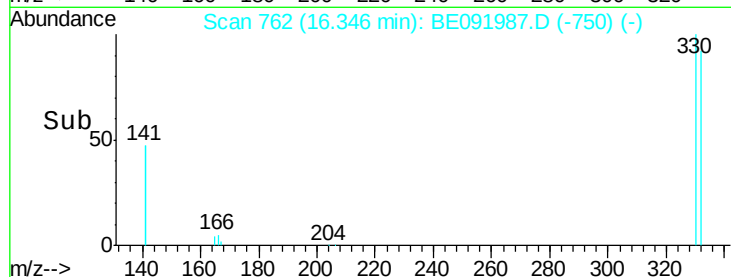
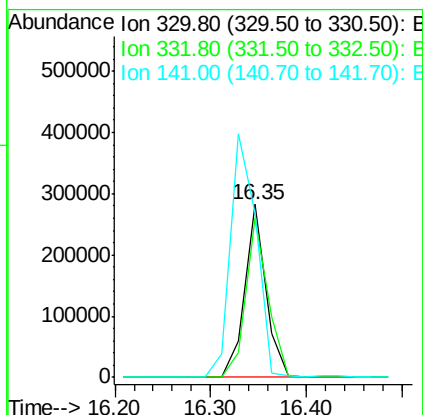
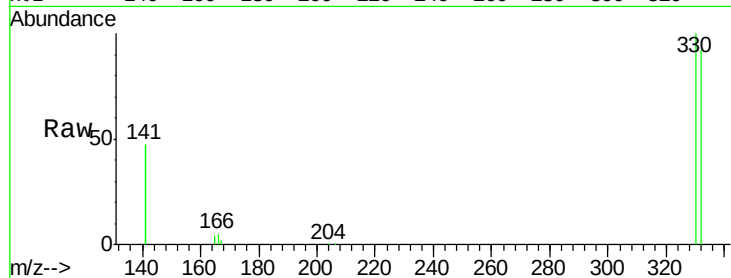




#16
 2,4,6-Tribromophenol
 Concen: 118.98 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE091987.D
 Acq: 7 Jul 2016 19:02

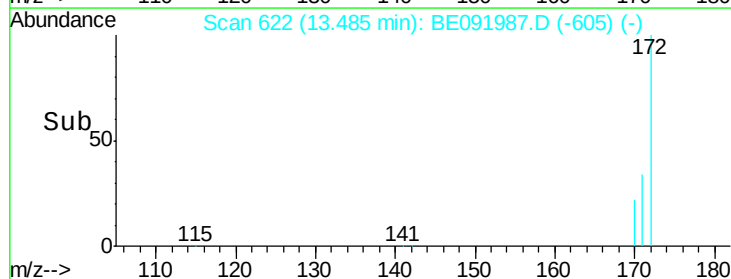
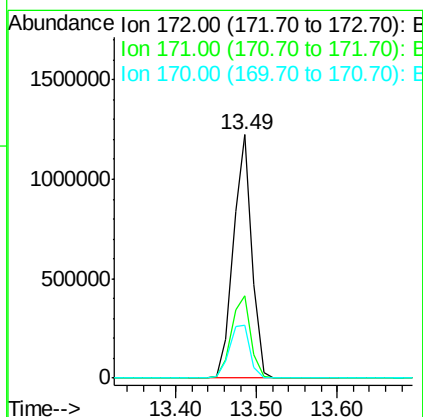
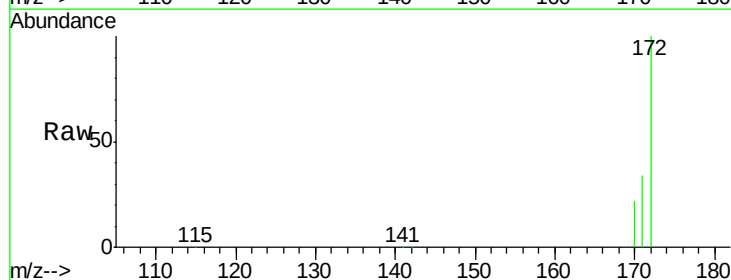
Instrument :
 BNA_E
 ClientSampleId :
 EB-GW-02

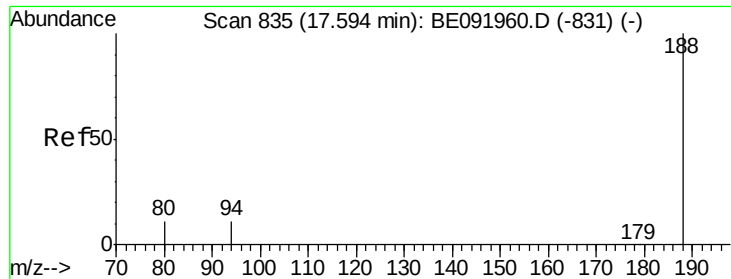
Tot Ion:330 Resp: 432110
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 170.9 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 78.83 ng
 RT: 13.49 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BE091987.D
 Acq: 7 Jul 2016 19:02

Tgt Ion:172 Resp: 1924292
 Ion Ratio Lower Upper
 172 100
 171 34.1 24.3 36.5
 170 21.6 14.9 22.3

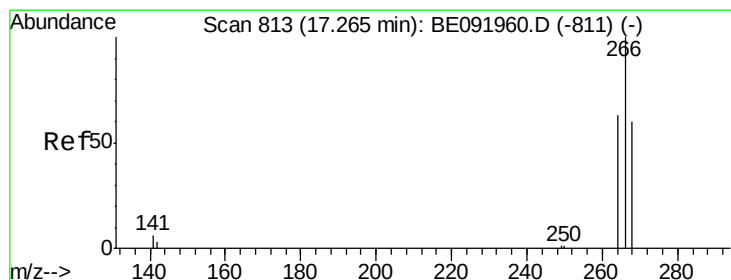
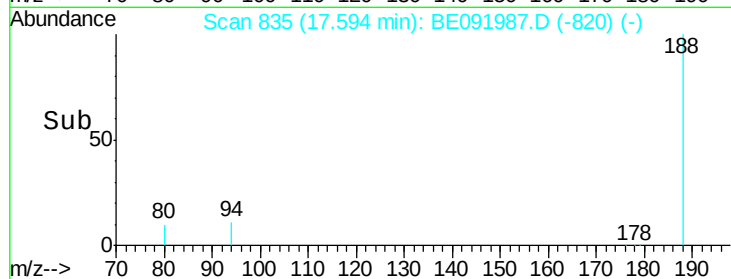
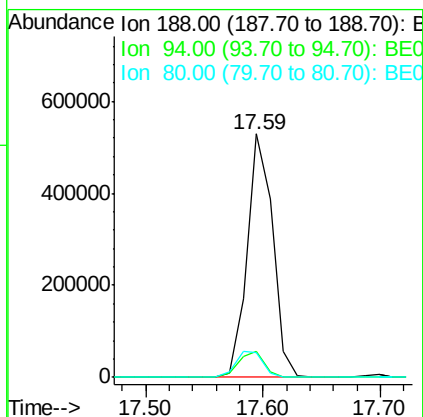
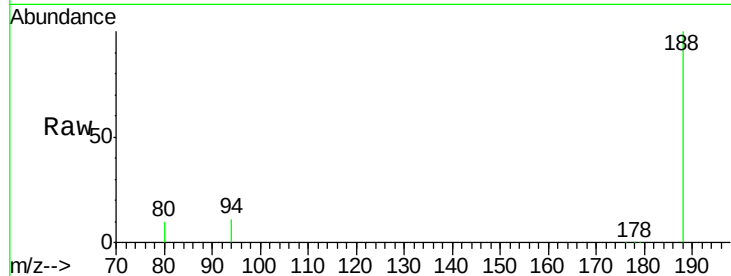




#24
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

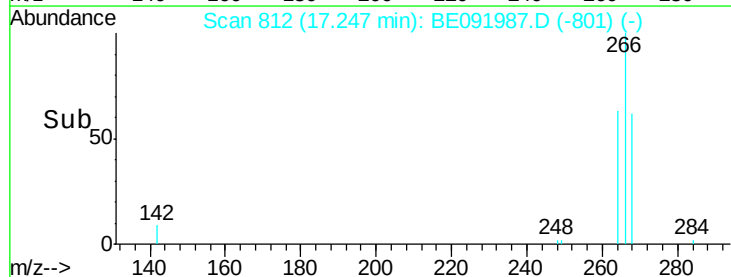
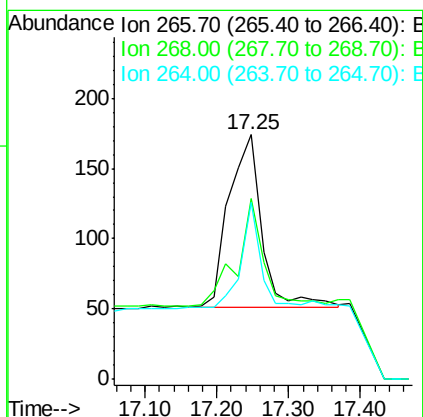
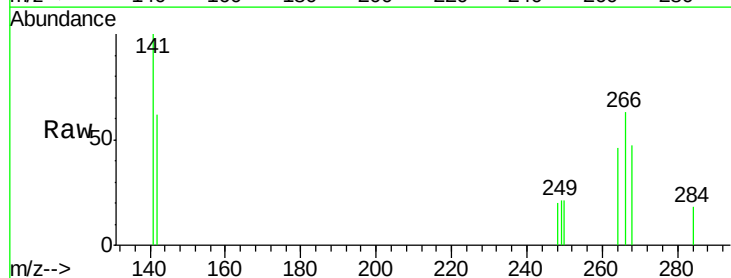
Instrument :
BNA_E
ClientSampleId :
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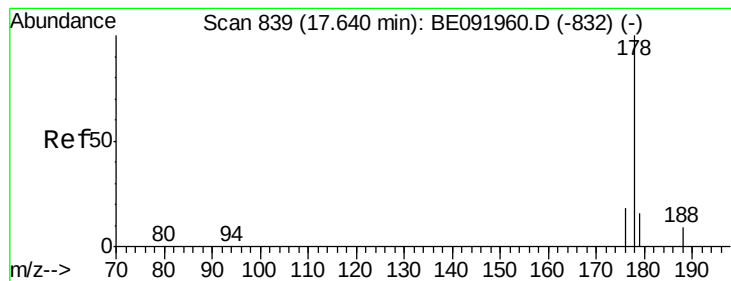
Tot Ion:188 Resp: 803865
Ion Ratio Lower Upper
188 100
94 10.6 4.1 6.1#
80 10.3 3.4 5.2#



#27
Pentachlorophenol
Concen: 0.59 ng
RT: 17.25 min Scan# 812
Delta R.T. -0.02 min
Lab File: BE091987.D
Acq: 7 Jul 2016 19:02

Tgt Ion:266 Resp: 388
Ion Ratio Lower Upper
266 100
268 74.1 60.5 90.7
264 72.4 51.0 76.4





#28

Phenanthrene

Concen: 0.05 ng

RT: 17.64 min Scan# 839

Delta R.T. 0.00 min

Lab File: BE091987.D

Acq: 7 Jul 2016 19:02

Instrument :

BNA_E

ClientSampleId :

EB-GW-02

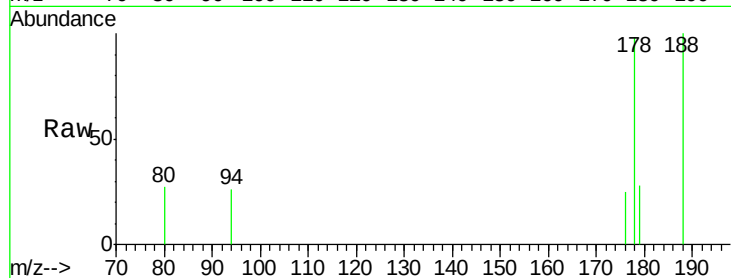
Tot Ion:178 Resp: 2376

Ion Ratio Lower Upper

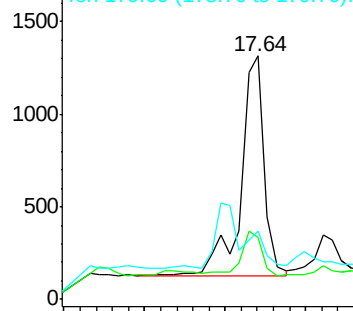
178 100

176 16.9 15.4 23.2

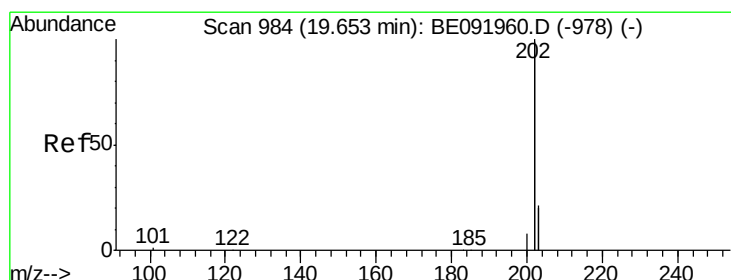
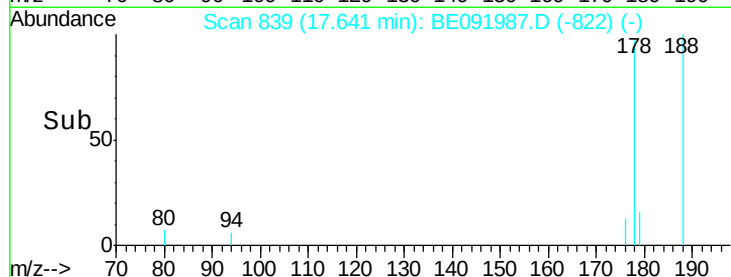
179 0.0 12.9 19.3#



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



Time--> 17.40 17.50 17.60 17.70



#30

Fluoranthene

Concen: 0.05 ng

RT: 19.65 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE091987.D

Acq: 7 Jul 2016 19:02

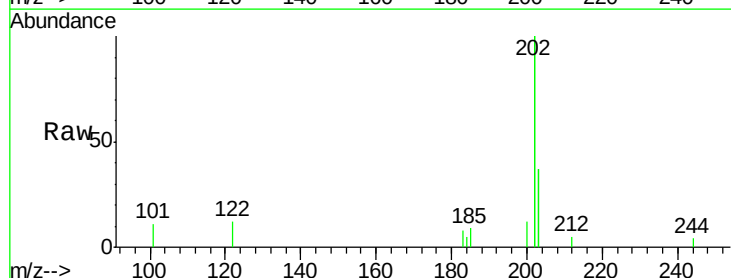
Tgt Ion:202 Resp: 10307

Ion Ratio Lower Upper

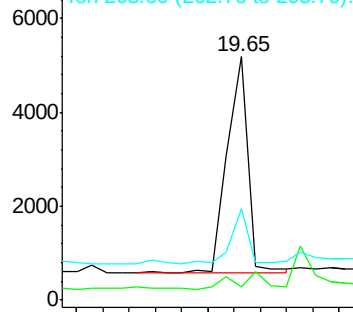
202 100

101 0.0 9.4 14.0#

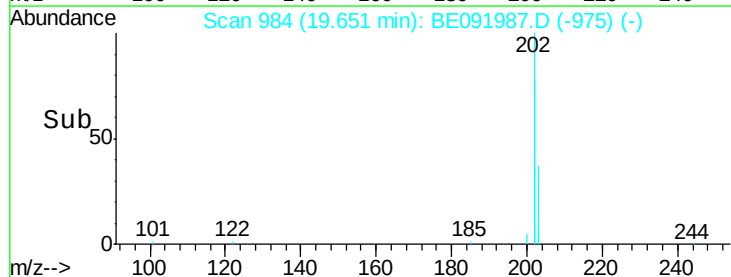
203 19.9 14.3 21.5

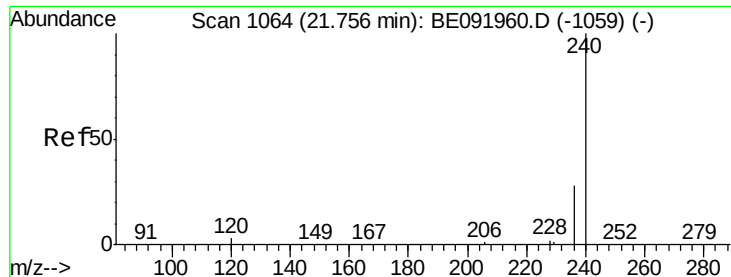


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.60





#31

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE091987.D

Acq: 7 Jul 2016 19:02

Instrument :

BNA_E

ClientSampleId :

EB-GW-02

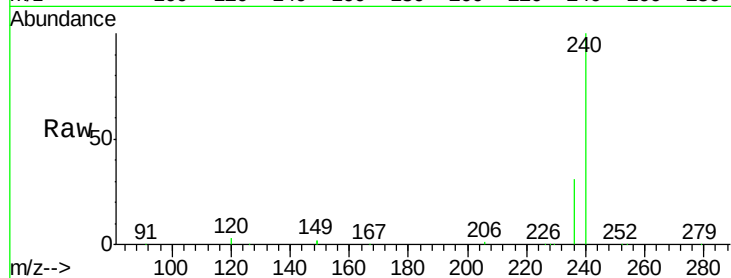
Tot Ion:240 Resp: 1087948

Ion Ratio Lower Upper

240 100

120 3.1 1.2 1.8#

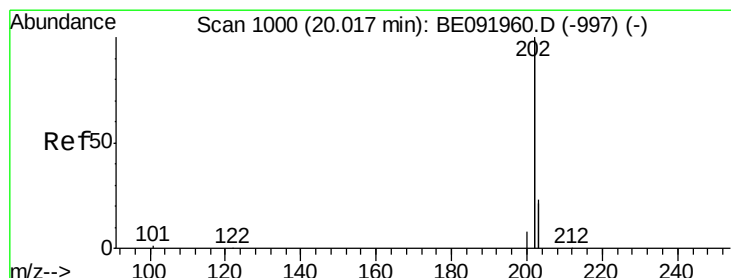
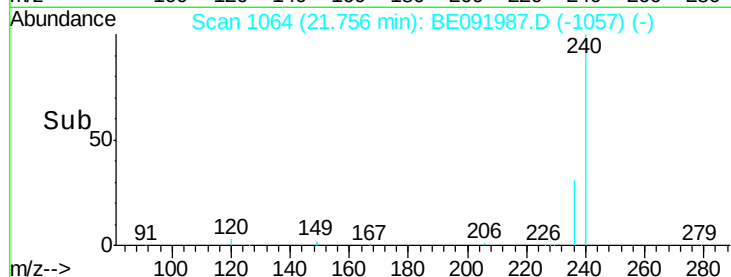
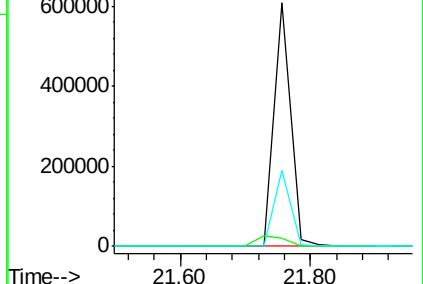
236 31.4 19.8 29.8#



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



#33

Pyrene

Concen: 0.04 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.02 min

Lab File: BE091987.D

Acq: 7 Jul 2016 19:02

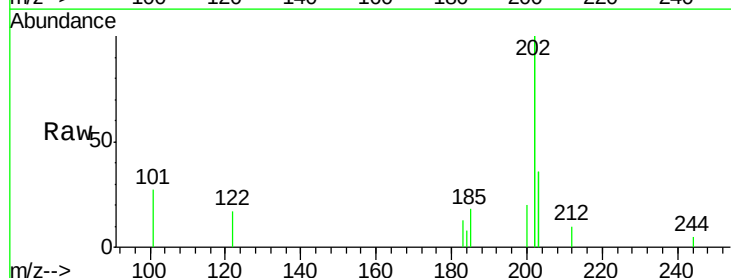
Tgt Ion:202 Resp: 8298

Ion Ratio Lower Upper

202 100

200 5.7 16.9 25.3#

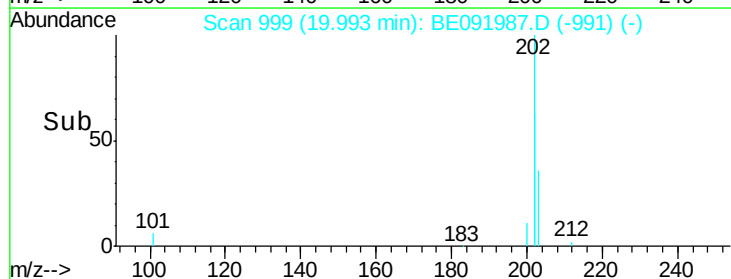
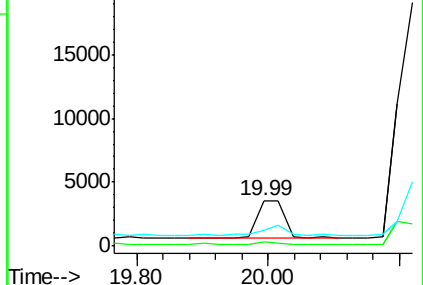
203 0.0 14.1 21.1#

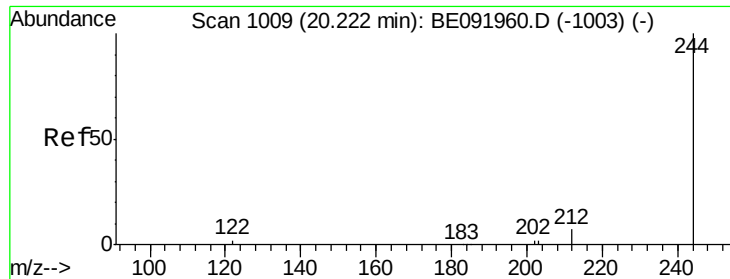


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

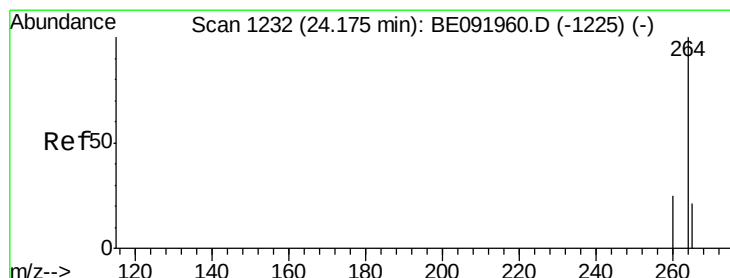
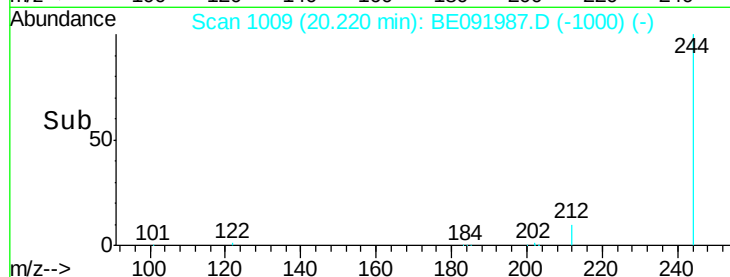
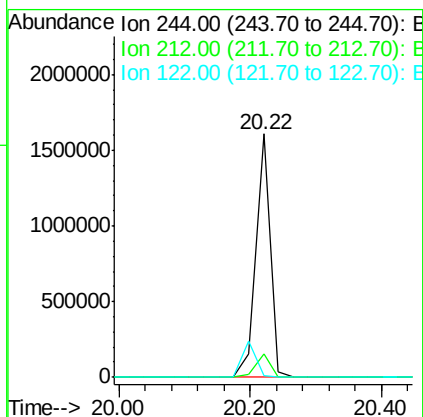
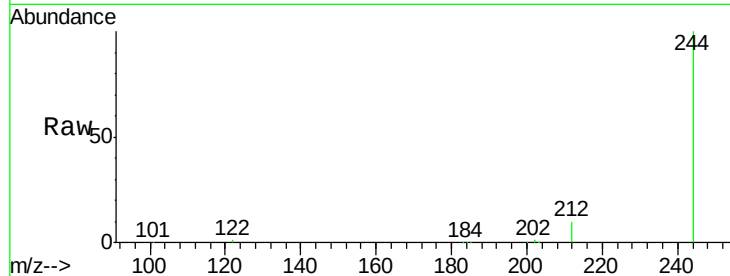




#34
 Terphenyl-d14
 Concen: 76.97 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BE091987.D
 Acq: 7 Jul 2016 19:02

Instrument :
 BNA_E
 ClientSampleId :
 EB-GW-02

Tot Ion:244 Resp: 2469326
 Ion Ratio Lower Upper
 244 100
 212 9.6 6.5 9.7
 122 0.9 2.9 4.3#



#40
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.18 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BE091987.D
 Acq: 7 Jul 2016 19:02

Tgt Ion:264 Resp: 930490
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.3 30.5
 265 21.4 17.6 26.4

