

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE033116\
 Data File : BE091565.D
 Acq On : 30 Mar 2016 21:58
 Operator : UM/SJ
 Sample : H1953-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Quant Time: Mar 31 00:59:51 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

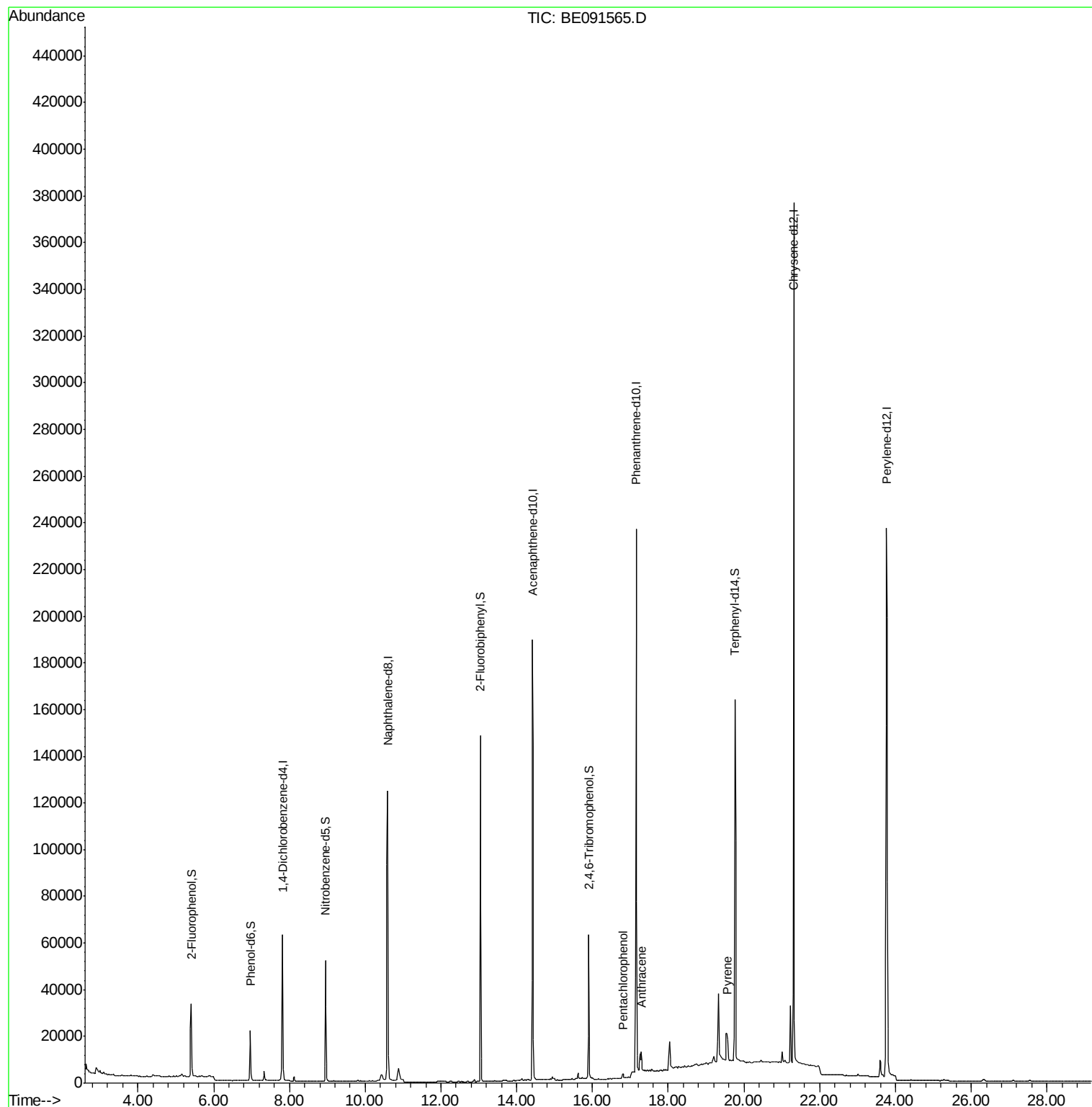
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	42235	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	209858	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	126690	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	311741	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	421924	5.00	ng	-0.02
28) Perylene-d12	23.76	264	360539	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	27798	2.51	ng	-0.02
5) Phenol-d6	6.97	99	26850	1.80	ng	-0.02
7) Nitrobenzene-d5	8.96	82	46544	3.30	ng	-0.02
11) 2,4,6-Tribromophenol	15.90	330	42534	7.58	ng	-0.02
12) 2-Fluorobiphenyl	13.05	172	141037	3.92	ng	-0.02
24) Terphenyl-d14	19.76	244	241271	4.51	ng	-0.02
Target Compounds						
18) Pentachlorophenol	16.81	266	1998	0.31	ng	Qvalue # 83
20) Anthracene	17.29	178	11271	0.17	ng	95
23) Pyrene	19.57	202	12688	0.15	ng	97

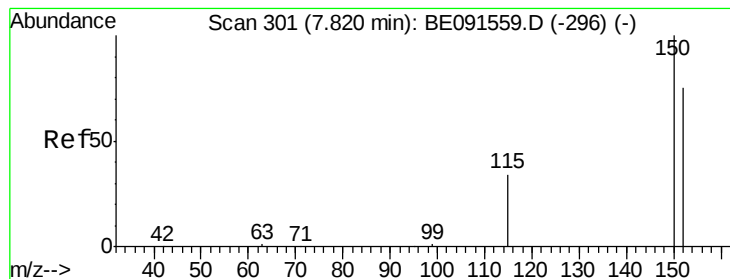
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. 0.00 min

Lab File: BE091565.D

Acq: 30 Mar 2016 21:58

Instrument :

BNA_E

ClientSampled :

MW-2

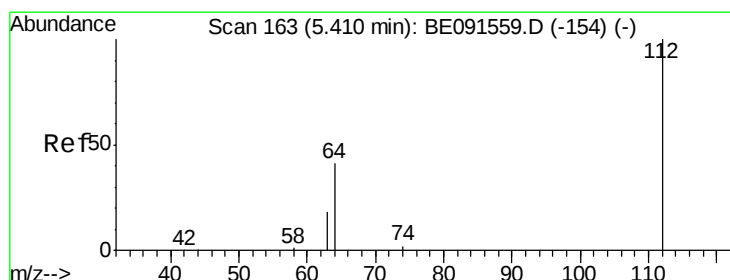
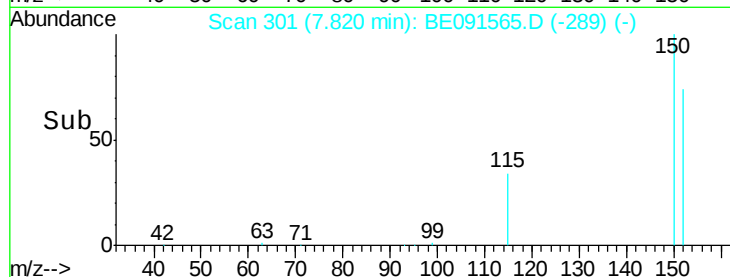
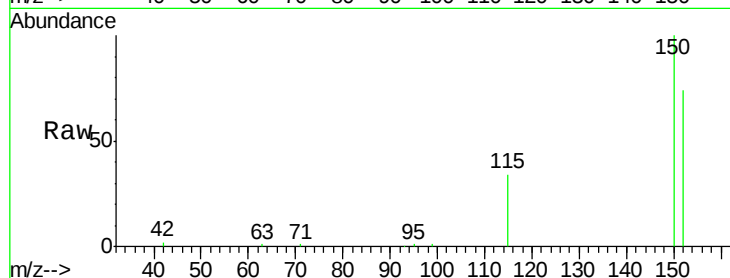
Tgt Ion:152 Resp: 42235

Ion Ratio Lower Upper

152 100

150 135.3 122.2 183.2

115 46.3 45.9 68.9



#4

2-Fluorophenol

Concen: 2.51 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091565.D

Acq: 30 Mar 2016 21:58

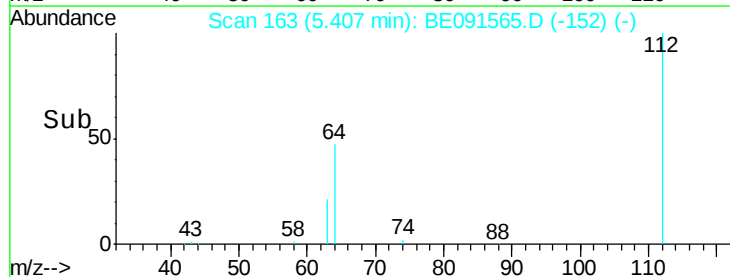
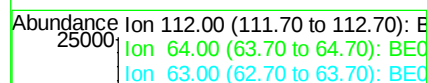
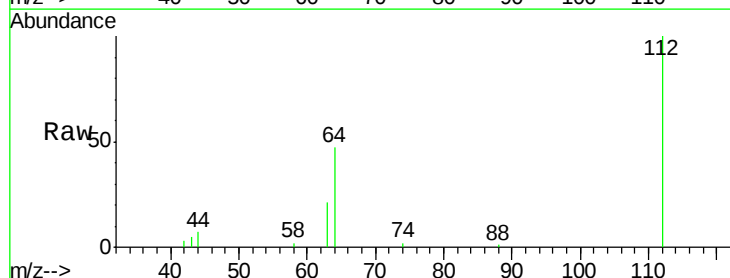
Tgt Ion:112 Resp: 27798

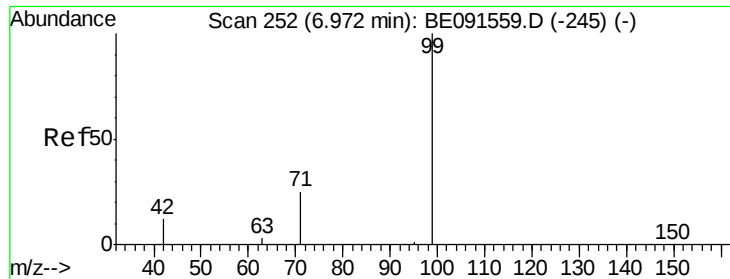
Ion Ratio Lower Upper

112 100

64 66.7 53.3 79.9

63 35.8 29.8 44.8





#5

Phenol-d6

Concen: 1.80 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091565.D

Acq: 30 Mar 2016 21:58

Instrument :

BNA_E

ClientSampleId :

MW-2

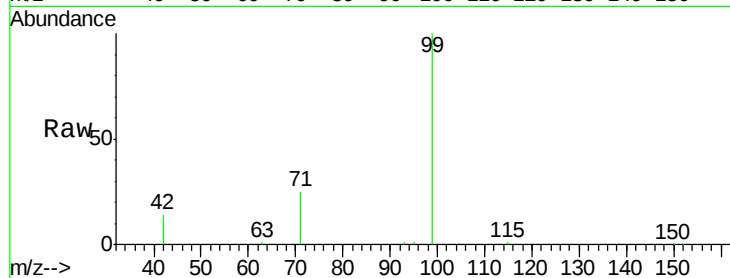
Tgt Ion: 99 Resp: 26850

Ion Ratio Lower Upper

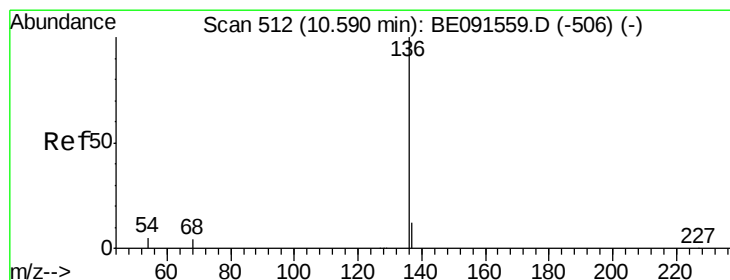
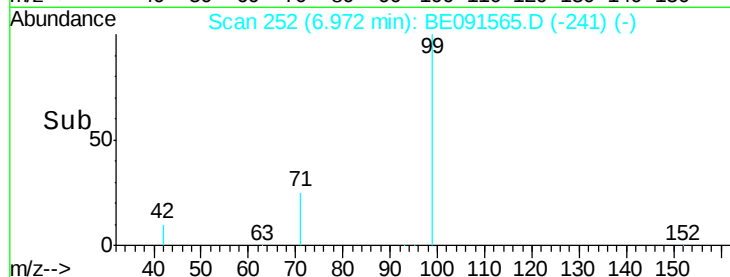
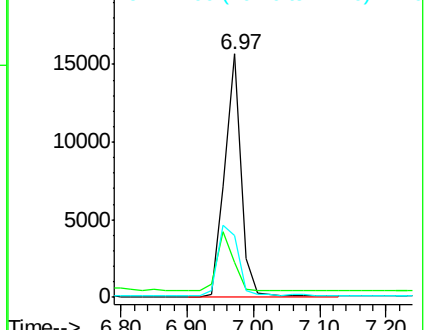
99 100

42 24.7 20.6 30.8

71 36.0 29.0 43.4



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: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091565.D

Acq: 30 Mar 2016 21:58

Tgt Ion: 136 Resp: 209858

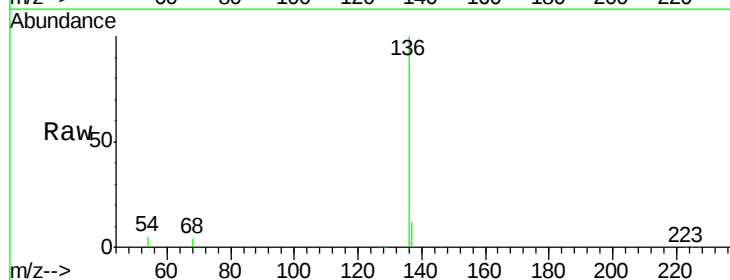
Ion Ratio Lower Upper

136 100

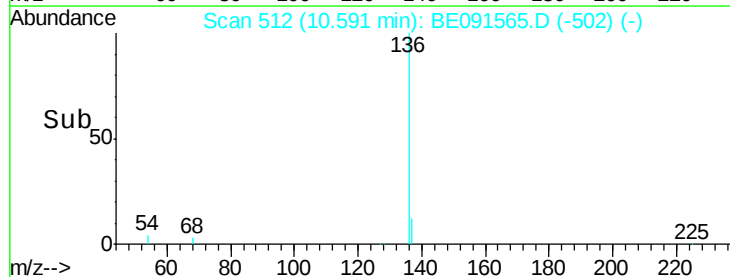
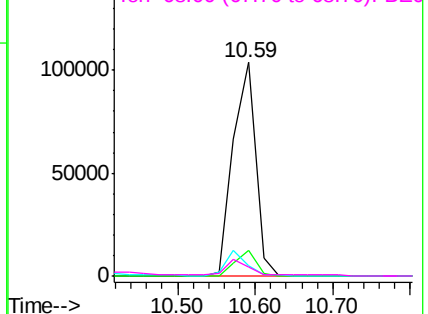
137 11.7 8.8 13.2

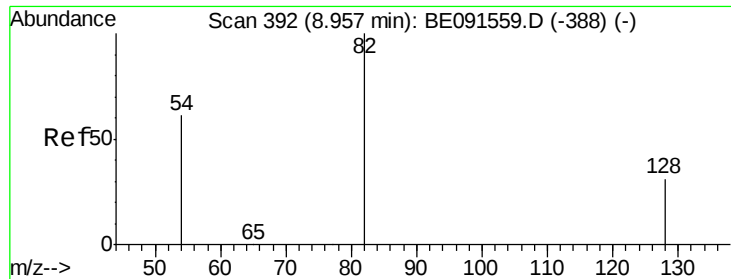
54 4.6 5.2 7.8#

68 4.0 4.1 6.1#



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





#7

Nitrobenzene-d5

Concen: 3.30 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091565.D

Acq: 30 Mar 2016 21:58

Instrument :

BNA_E

ClientSampleId :

MW-2

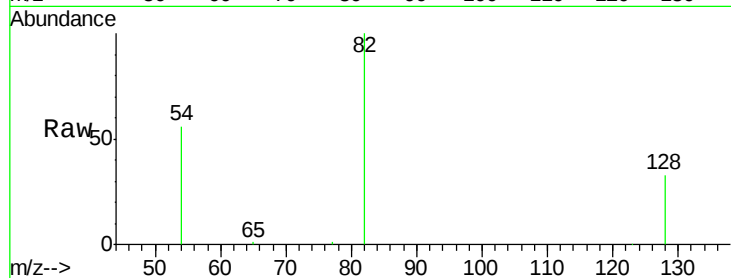
Tgt Ion: 82 Resp: 46544

Ion Ratio Lower Upper

82 100

128 32.6 23.5 35.3

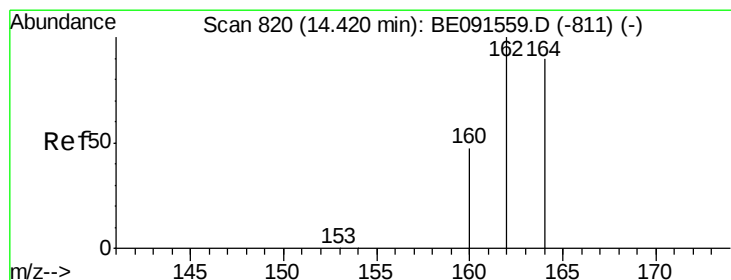
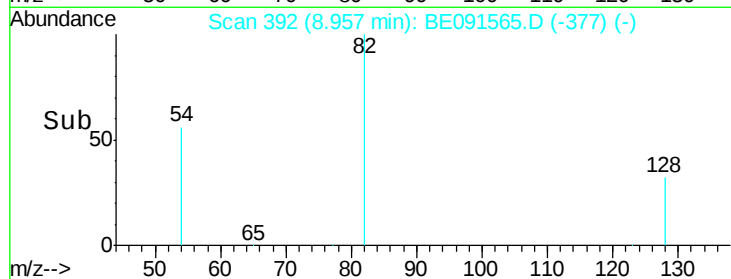
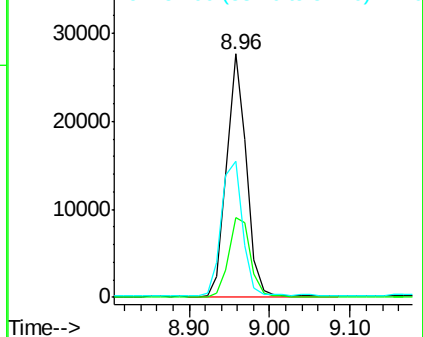
54 56.1 52.4 78.6



Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091565.D

Acq: 30 Mar 2016 21:58

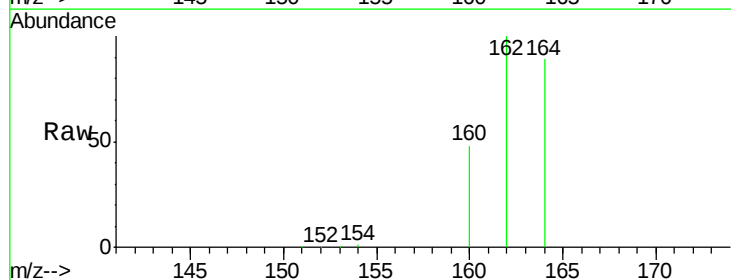
Tgt Ion: 164 Resp: 126690

Ion Ratio Lower Upper

164 100

162 112.8 84.4 126.6

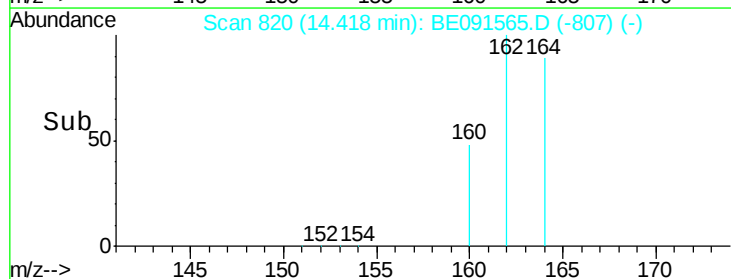
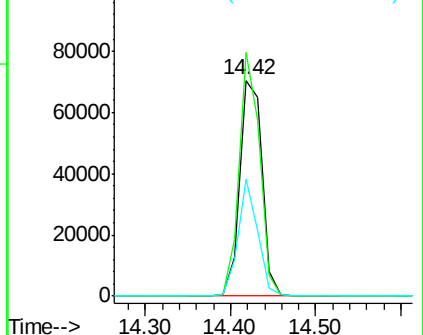
160 54.4 37.7 56.5

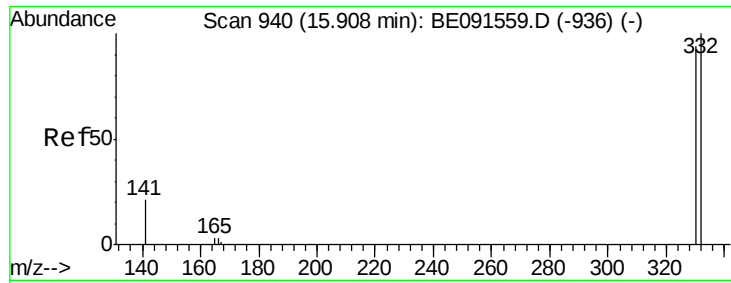


Abundance Ion 164.00 (163.70 to 164.70): BE091559.D (-811) (-)

Ion 162.00 (161.70 to 162.70): BE091559.D (-811) (-)

Ion 160.00 (159.70 to 160.70): BE091559.D (-811) (-)

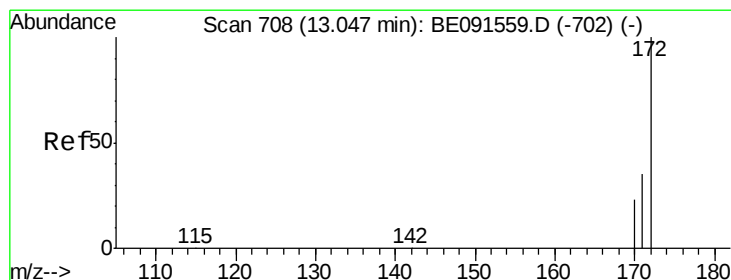
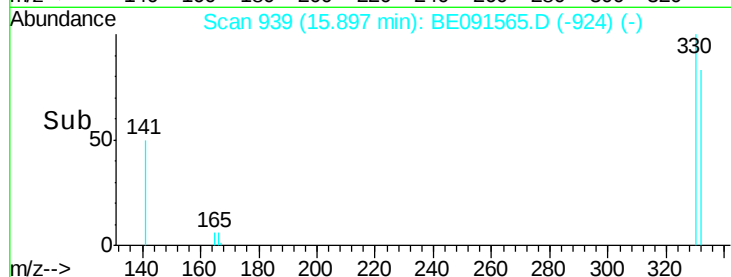
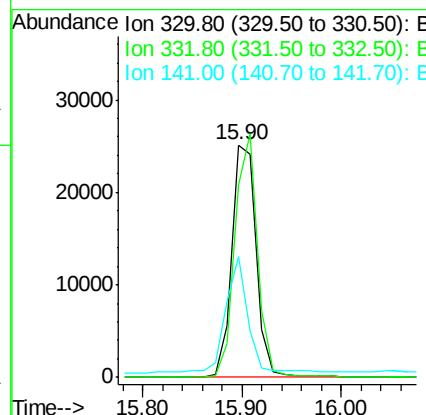
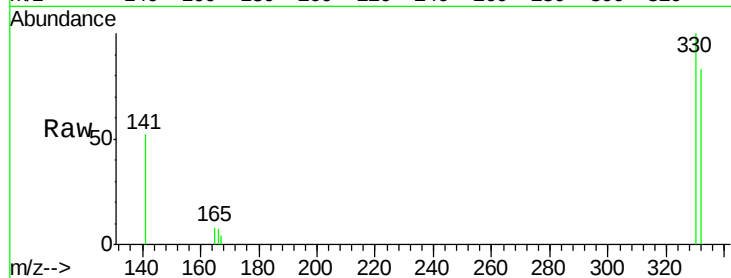




#11
 2,4,6-Tribromophenol
 Concen: 7.58 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.02 min
 Lab File: BE091565.D
 Acq: 30 Mar 2016 21:58

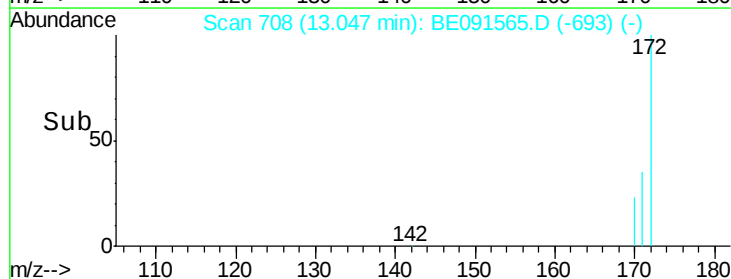
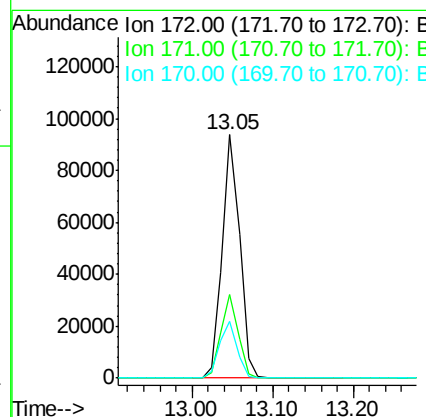
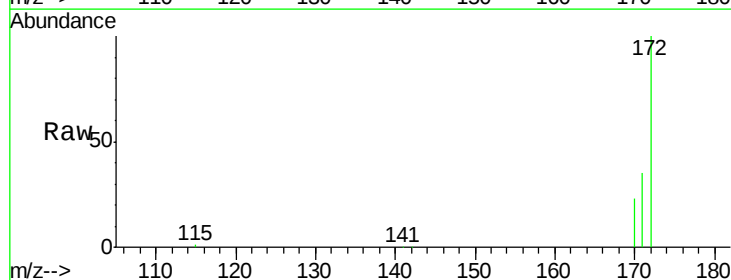
Instrument :
 BNA_E
 ClientSampleId :
 MW-2

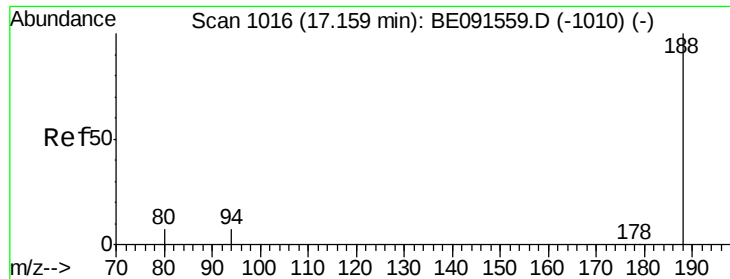
Tgt Ion:330 Resp: 42534
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.2 118.8
 141 47.3 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 3.92 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091565.D
 Acq: 30 Mar 2016 21:58

Tgt Ion:172 Resp: 141037
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.8 44.8
 170 23.2 21.4 32.2

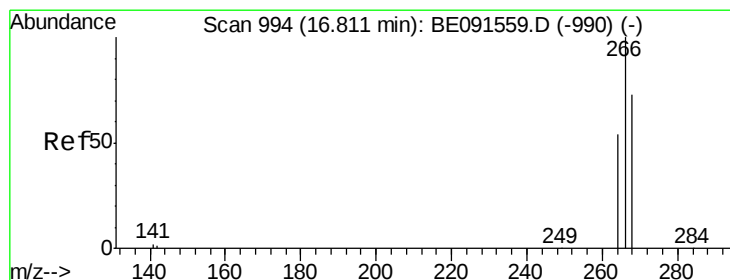
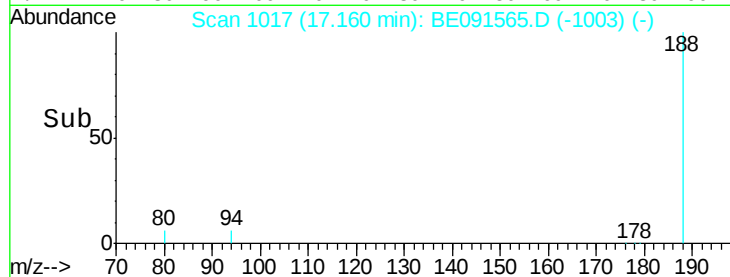
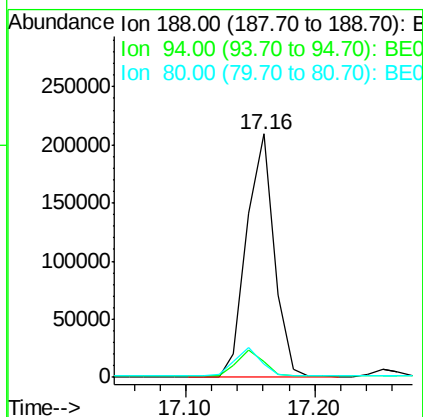
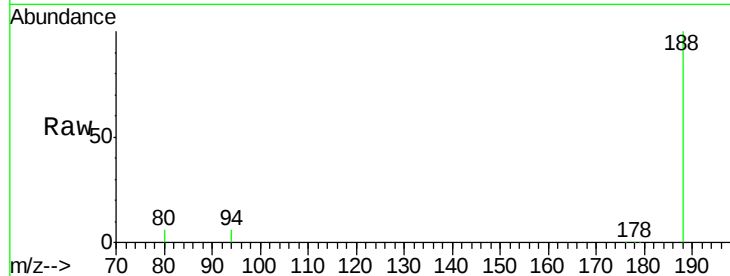




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091565.D
Acq: 30 Mar 2016 21:58

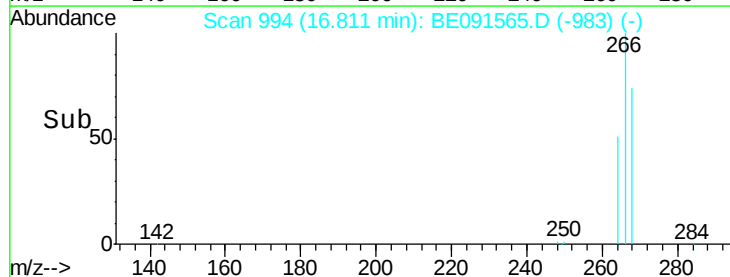
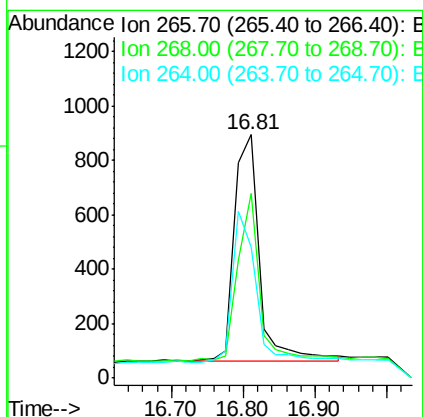
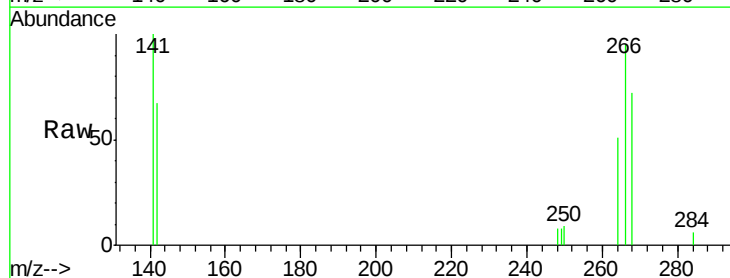
Instrument :
BNA_E
ClientSampled :
MW-2

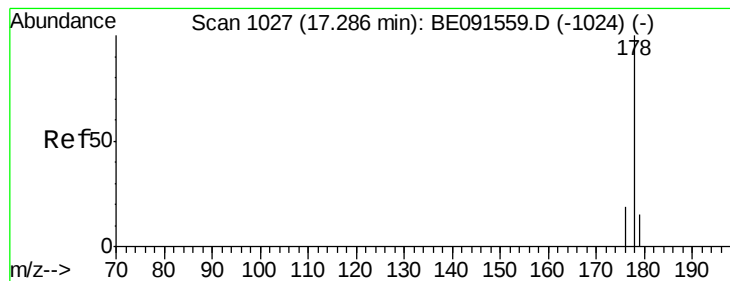
Tgt Ion:188 Resp: 311741
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 5.6 5.0 7.4



#18
Pentachlorophenol
Concen: 0.31 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091565.D
Acq: 30 Mar 2016 21:58

Tgt Ion:266 Resp: 1998
Ion Ratio Lower Upper
266 100
268 76.0 48.2 72.2#
264 53.9 52.1 78.1





#20

Anthracene

Concen: 0.17 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BE091565.D

Acq: 30 Mar 2016 21:58

Instrument :

BNA_E

ClientSampleId :

MW-2

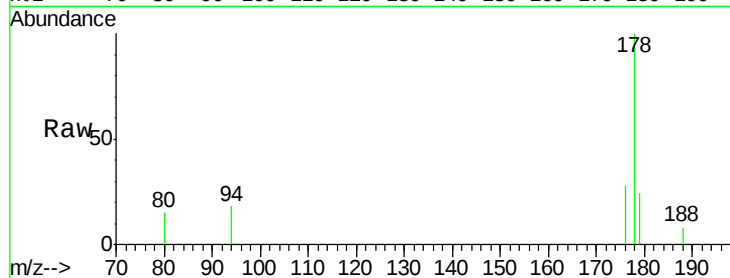
Tgt Ion:178 Resp: 11271

Ion Ratio Lower Upper

178 100

176 21.5 14.9 22.3

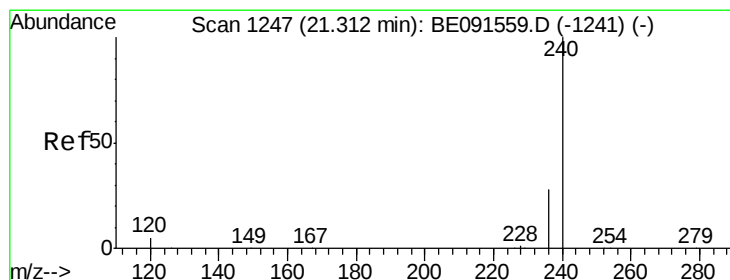
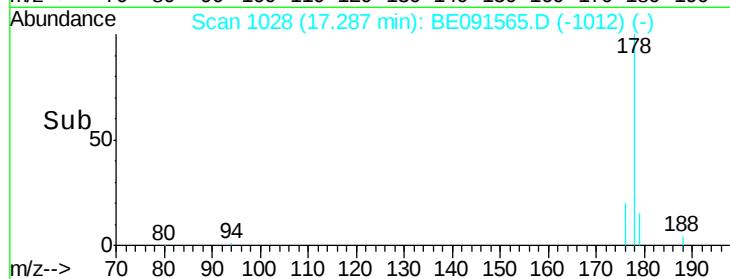
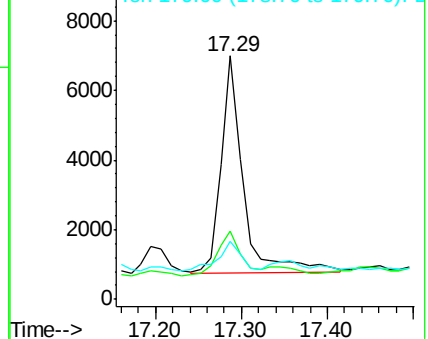
179 14.0 12.2 18.4



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: 21.31 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BE091565.D

Acq: 30 Mar 2016 21:58

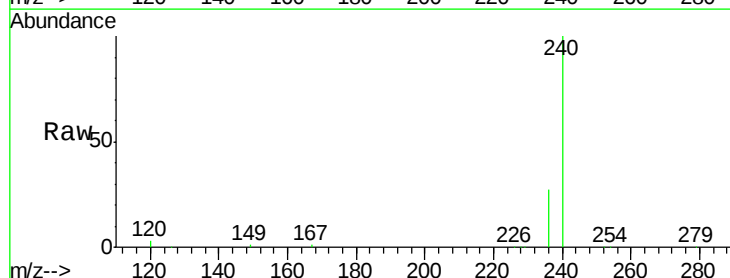
Tgt Ion:240 Resp: 421924

Ion Ratio Lower Upper

240 100

120 3.4 4.0 6.0#

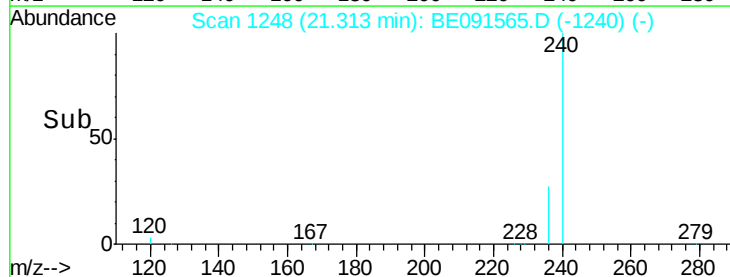
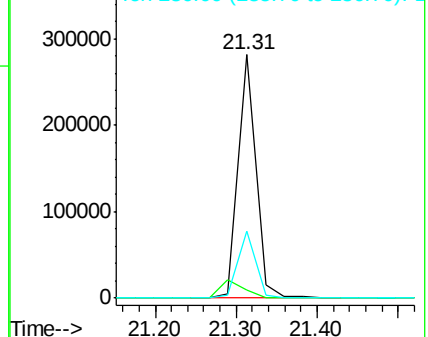
236 27.4 23.0 34.4

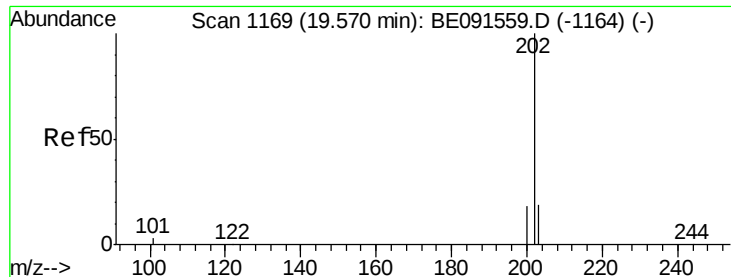


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

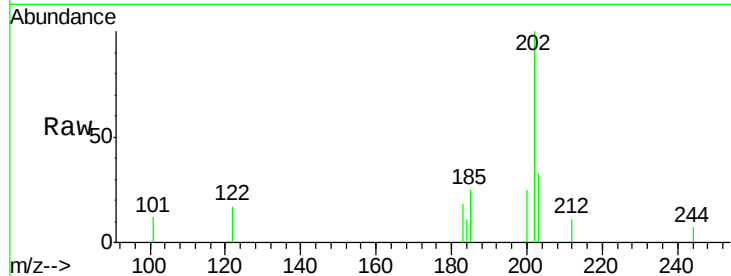




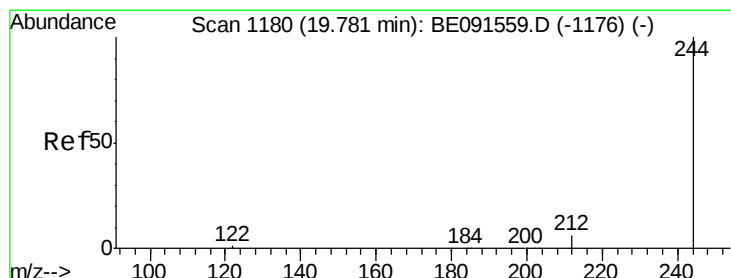
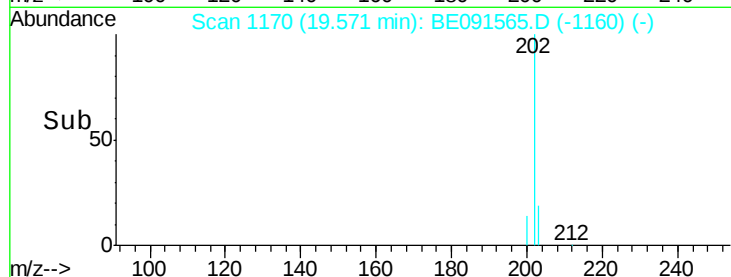
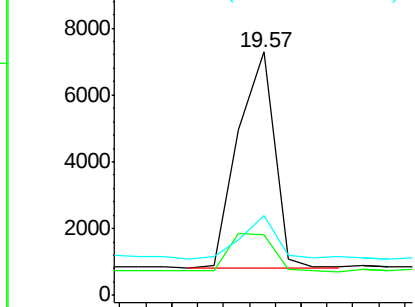
#23
 Pyrene
 Concen: 0.15 ng
 RT: 19.57 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BE091565.D
 Acq: 30 Mar 2016 21:58

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Tgt Ion: 202 Resp: 12688
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.4 24.6
 203 20.4 14.6 21.8

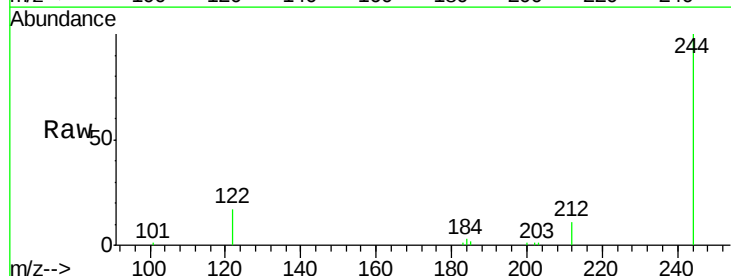


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

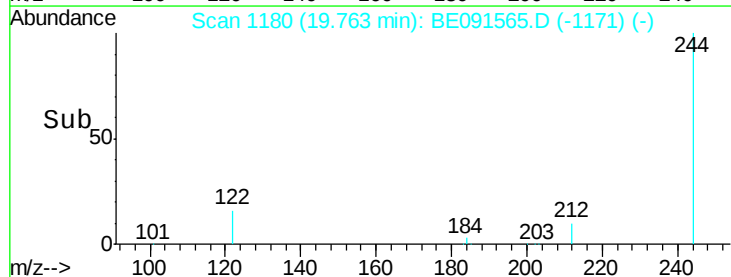
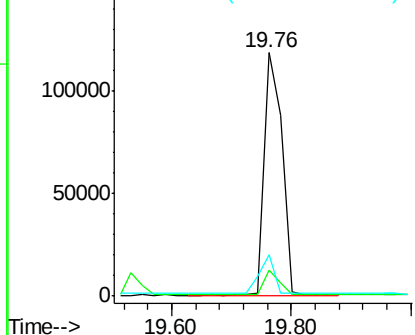


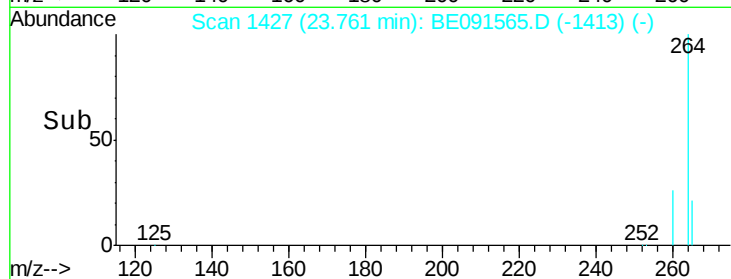
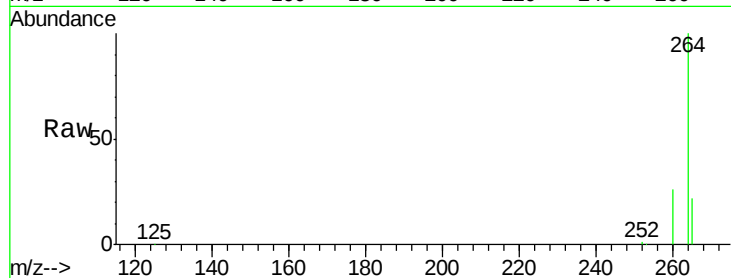
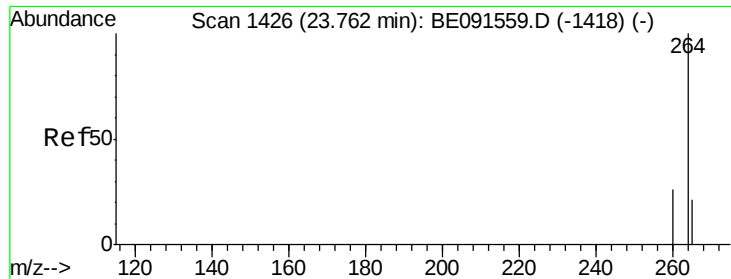
#24
 Terphenyl-d14
 Concen: 4.51 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BE091565.D
 Acq: 30 Mar 2016 21:58

Tgt Ion: 244 Resp: 241271
 Ion Ratio Lower Upper
 244 100
 212 10.6 5.8 8.8#
 122 16.8 1.8 2.8#



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: 23.76 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE091565.D

Acq: 30 Mar 2016 21:58

Instrument :

BNA_E

ClientSampleId :

MW-2

Tgt Ion:264 Resp: 360539

Ion Ratio Lower Upper

264 100

260 25.8 20.1 30.1

265 21.7 18.3 27.5

