

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE033116\
 Data File : BE091572.D
 Acq On : 31 Mar 2016 2:17
 Operator : UM/SJ
 Sample : H1946-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Quant Time: Mar 31 03:07:08 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

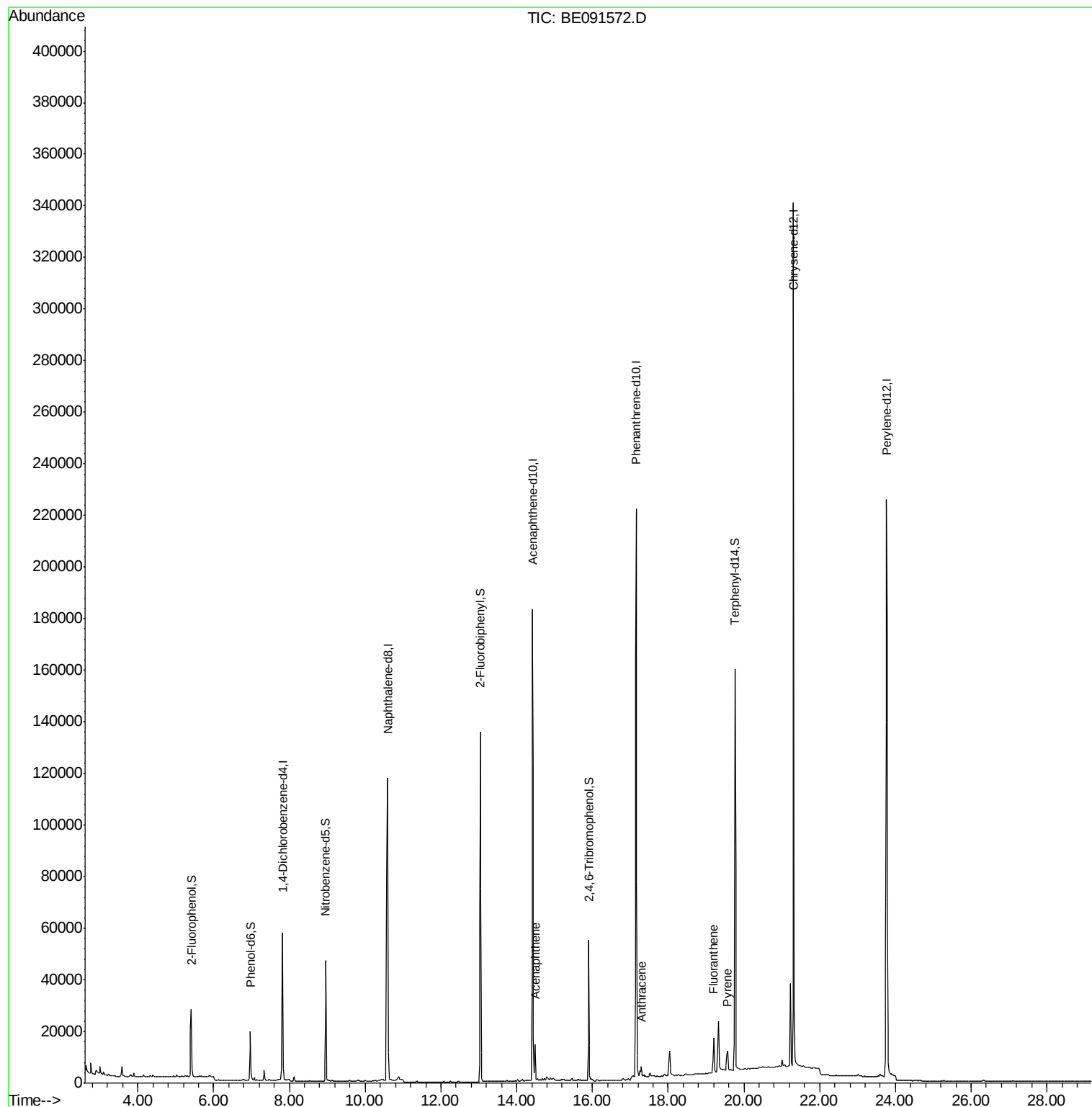
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	38640	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	191282	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	117406	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	286804	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	384137	5.00	ng	-0.02
28) Perylene-d12	23.76	264	326319	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	23885	2.36	ng	-0.02
5) Phenol-d6	6.97	99	23018	1.68	ng	-0.02
7) Nitrobenzene-d5	8.96	82	42489	3.31	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	38634	7.43	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	129014	3.87	ng	-0.02
24) Terphenyl-d14	19.76	244	228361	4.68	ng	-0.02
Target Compounds						
14) Acenaphthene	14.49	154	8528	0.29	ng	Qvalue 94
20) Anthracene	17.29	178	4156	0.07	ng	# 93
21) Fluoranthene	19.21	202	13926	0.18	ng	# 92
23) Pyrene	19.57	202	9425	0.12	ng	# 87

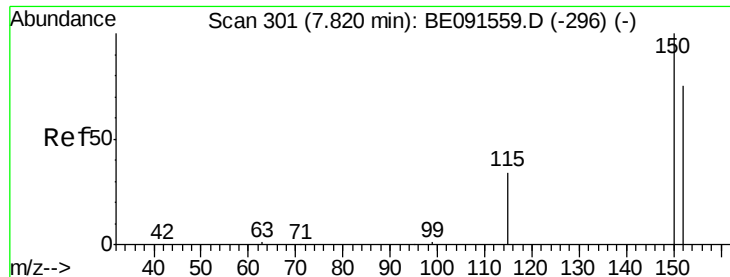
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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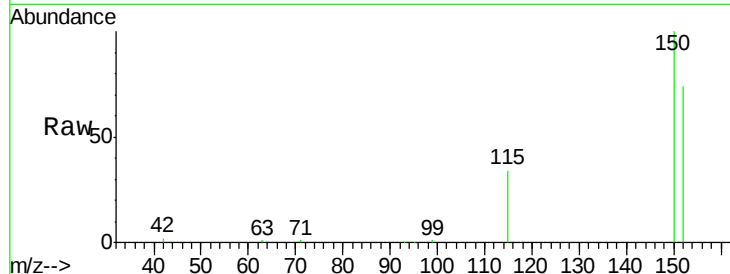


#1

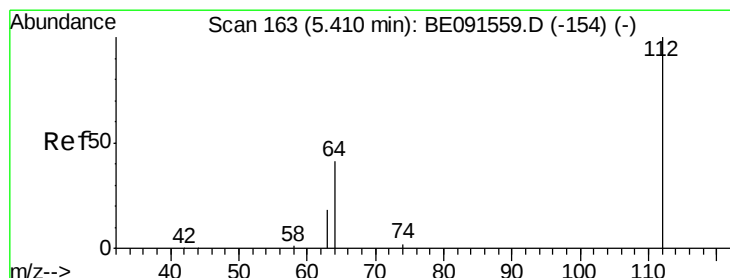
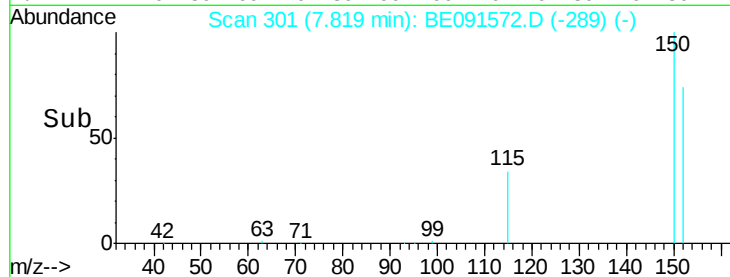
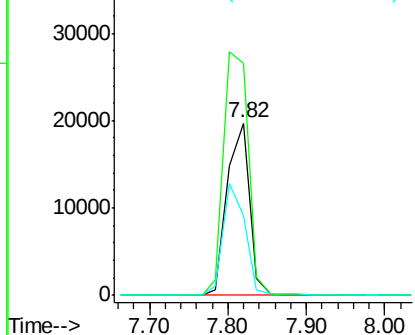
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091572.D
Acq: 31 Mar 2016 2:17

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 38640
Ion Ratio Lower Upper
152 100
150 134.5 122.2 183.2
115 46.3 45.9 68.9



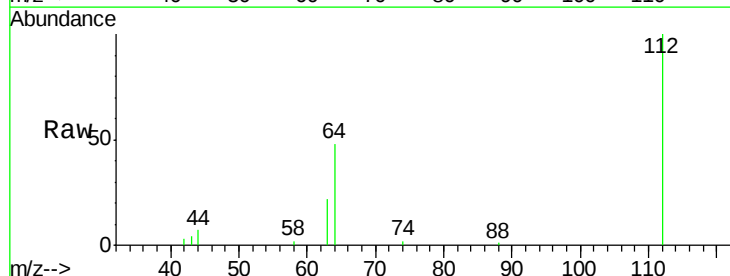
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



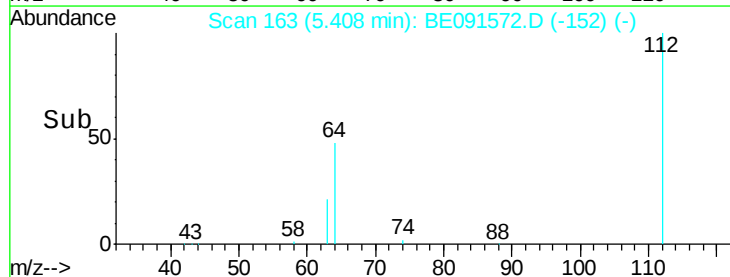
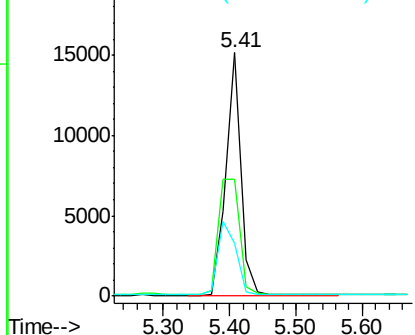
#4

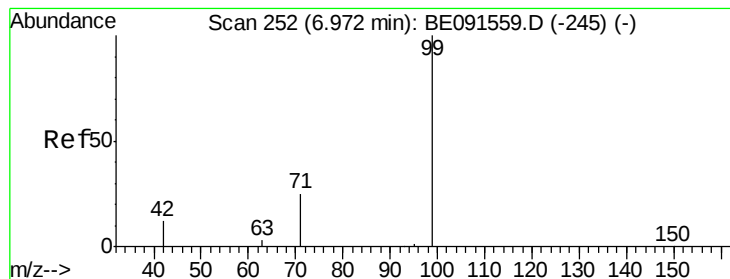
2-Fluorophenol
Concen: 2.36 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091572.D
Acq: 31 Mar 2016 2:17

Tgt Ion:112 Resp: 23885
Ion Ratio Lower Upper
112 100
64 67.0 53.3 79.9
63 36.4 29.8 44.8



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: 1.68 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091572.D

Acq: 31 Mar 2016 2:17

Instrument :

BNA_E

ClientSampleId :

MW-1

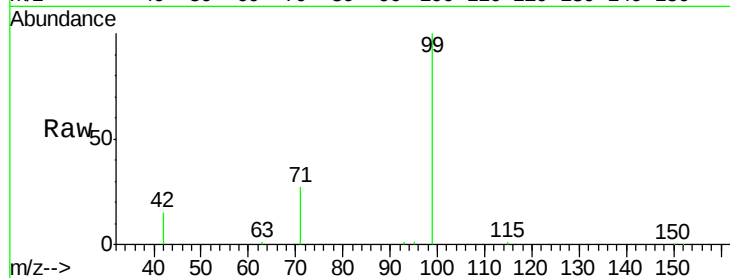
Tgt Ion: 99 Resp: 23018

Ion Ratio Lower Upper

99 100

42 24.9 20.6 30.8

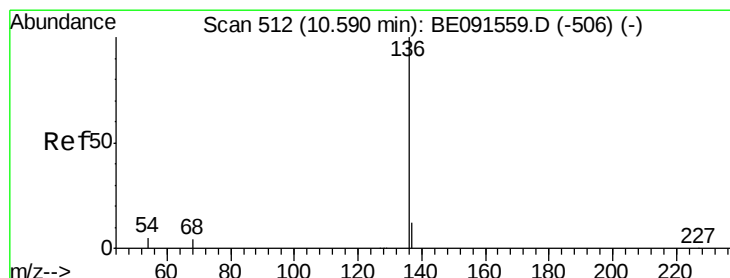
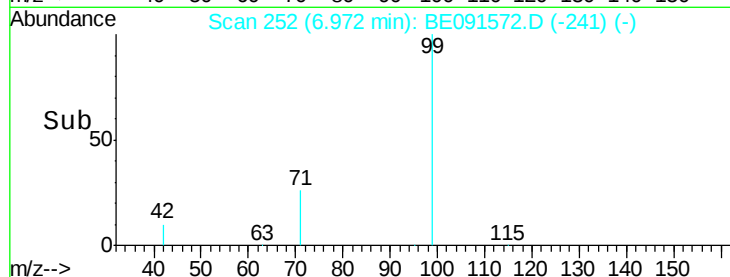
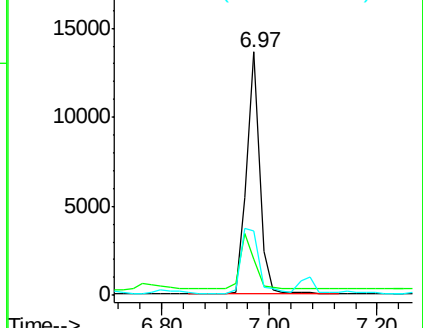
71 36.8 29.0 43.4



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: BE091572.D

Acq: 31 Mar 2016 2:17

Tgt Ion: 136 Resp: 191282

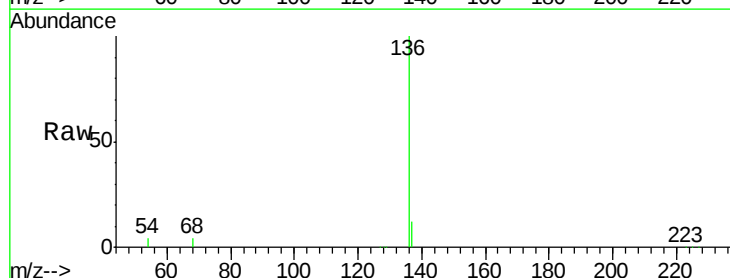
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 4.5 5.2 7.8#

68 3.8 4.1 6.1#

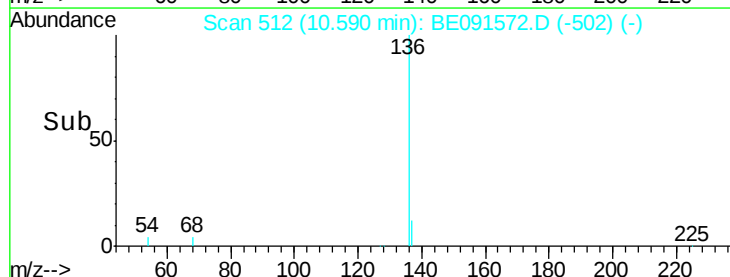
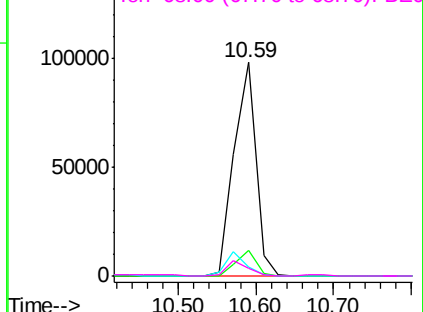


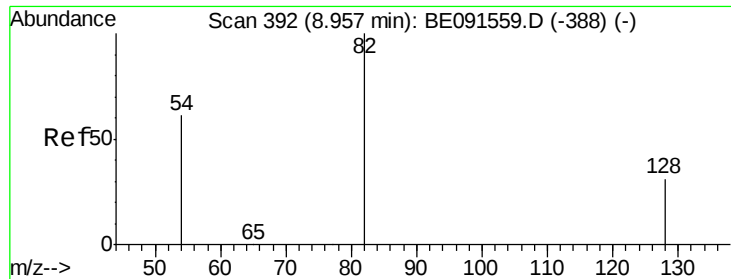
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.31 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091572.D

Acq: 31 Mar 2016 2:17

Instrument :

BNA_E

ClientSampleId :

MW-1

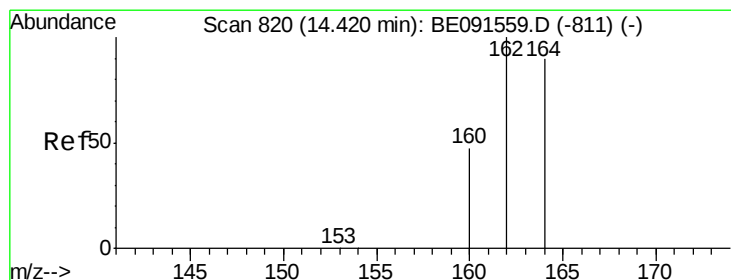
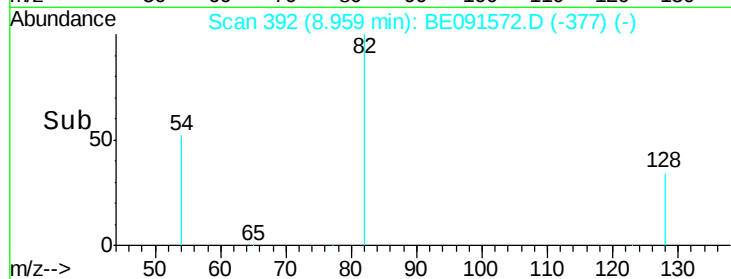
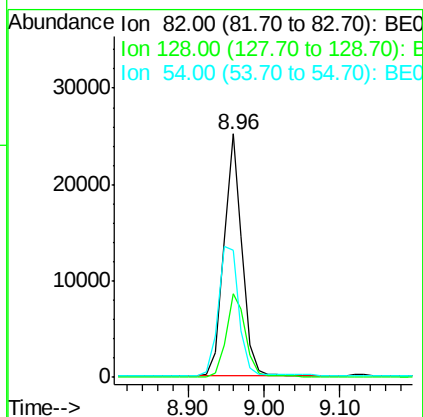
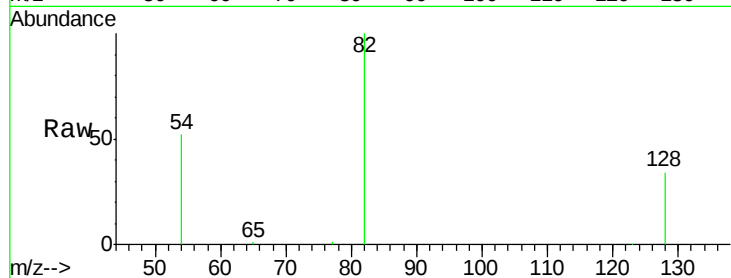
Tgt Ion: 82 Resp: 42489

Ion Ratio Lower Upper

82 100

128 34.1 23.5 35.3

54 52.2 52.4 78.6#



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091572.D

Acq: 31 Mar 2016 2:17

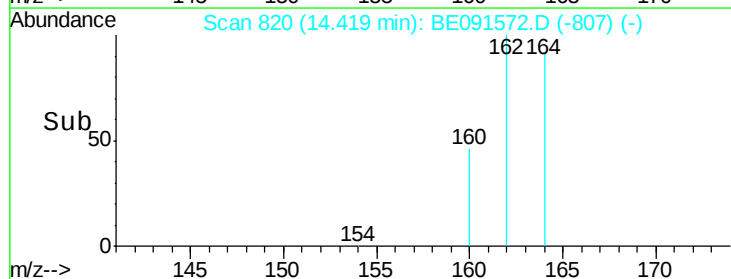
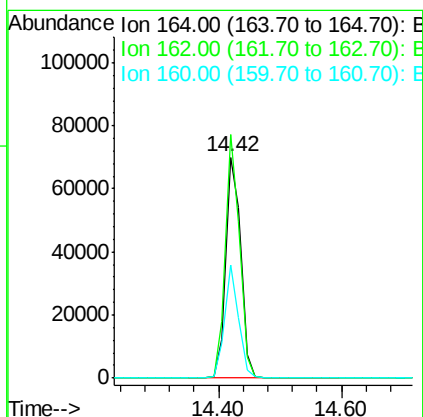
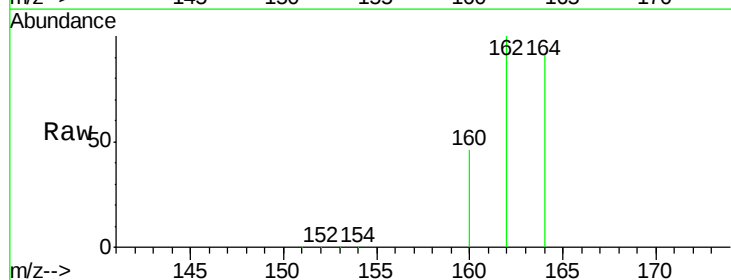
Tgt Ion: 164 Resp: 117406

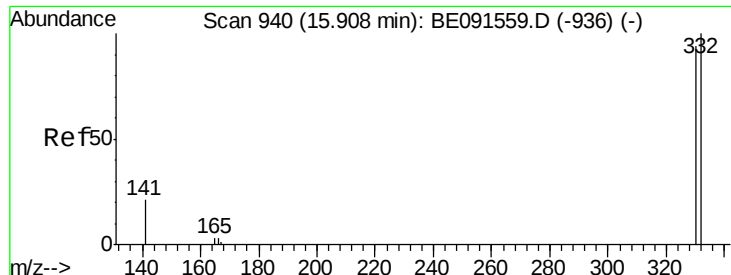
Ion Ratio Lower Upper

164 100

162 110.3 84.4 126.6

160 51.0 37.7 56.5

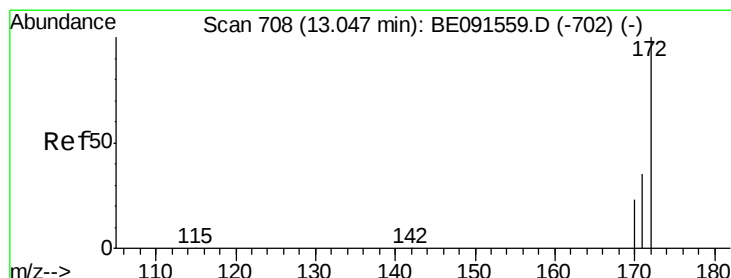
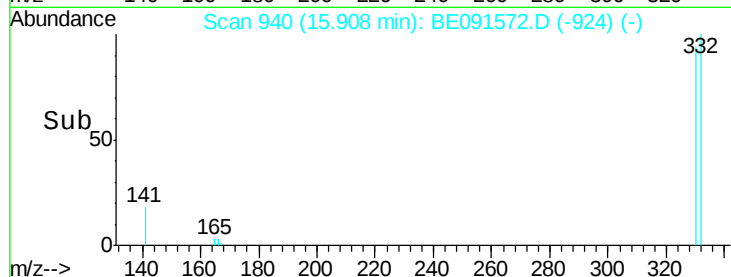
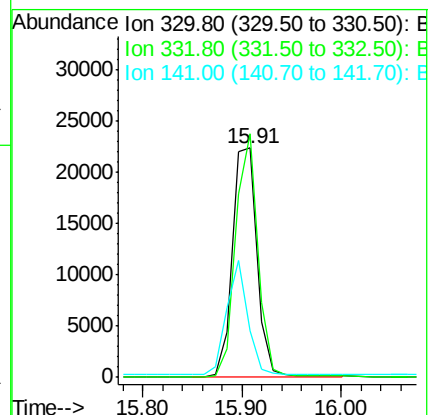
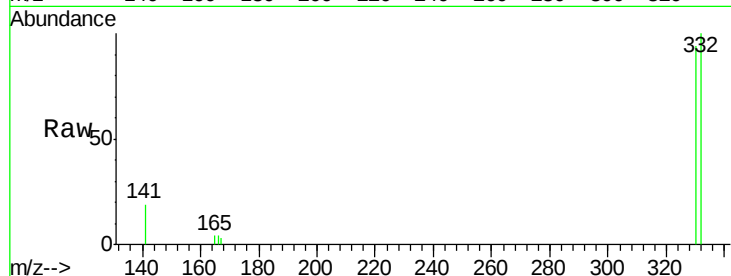




#11
 2,4,6-Tribromophenol
 Concen: 7.43 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091572.D
 Acq: 31 Mar 2016 2:17

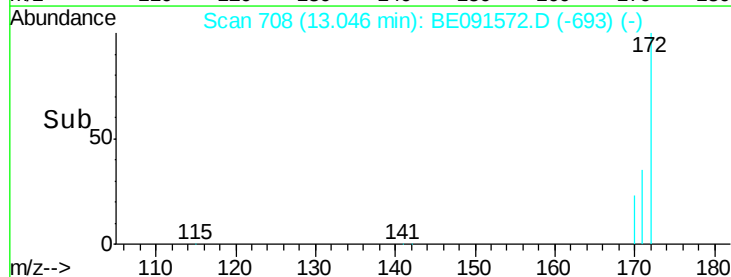
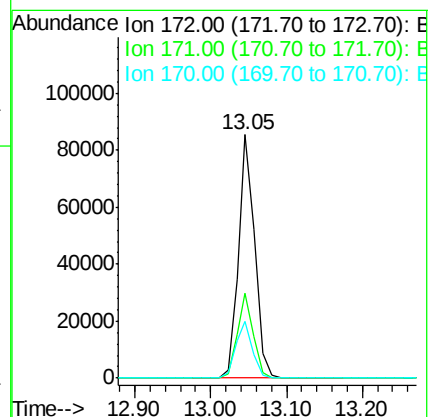
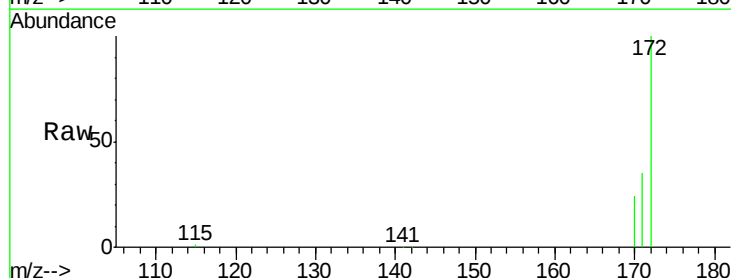
Instrument :
 BNA_E
 ClientSampleId :
 MW-1

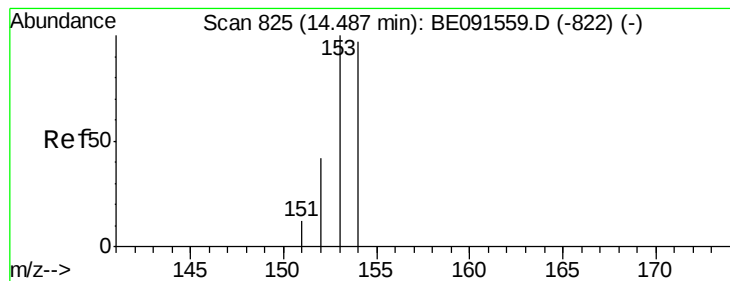
Tgt Ion:330 Resp: 38634
 Ion Ratio Lower Upper
 330 100
 332 95.8 79.2 118.8
 141 42.6 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 3.87 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091572.D
 Acq: 31 Mar 2016 2:17

Tgt Ion:172 Resp: 129014
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.8 44.8
 170 23.5 21.4 32.2





#14

Acenaphthene

Concen: 0.29 ng

RT: 14.49 min Scan# 825

Delta R.T. -0.01 min

Lab File: BE091572.D

Acq: 31 Mar 2016 2:17

Instrument :

BNA_E

ClientSampleId :

MW-1

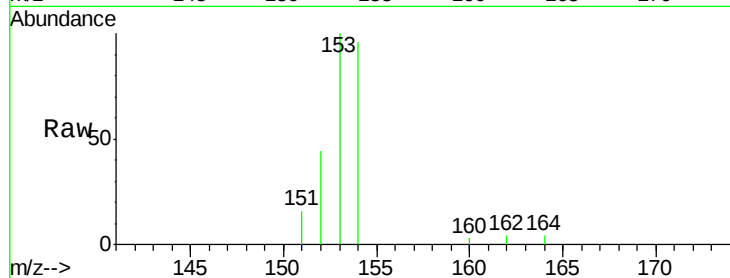
Tgt Ion:154 Resp: 8528

Ion Ratio Lower Upper

154 100

153 114.5 87.3 130.9

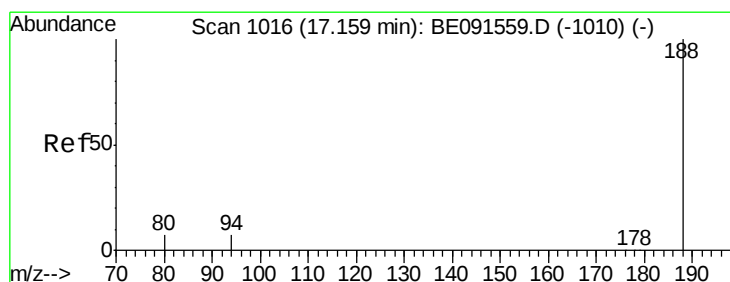
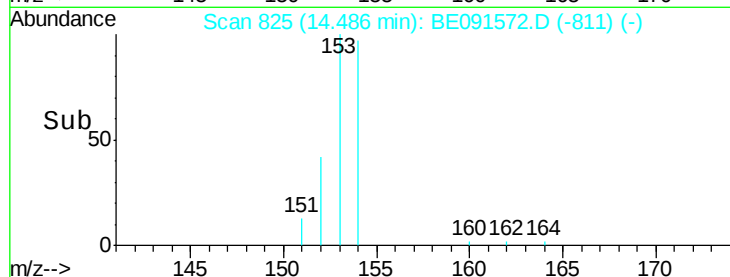
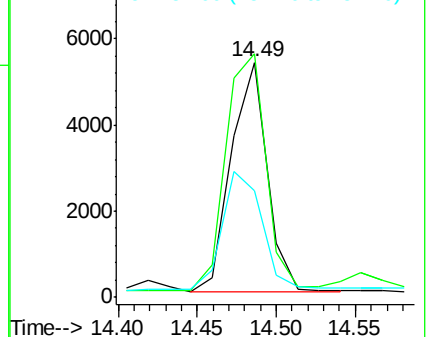
152 58.0 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BE091572.D

Acq: 31 Mar 2016 2:17

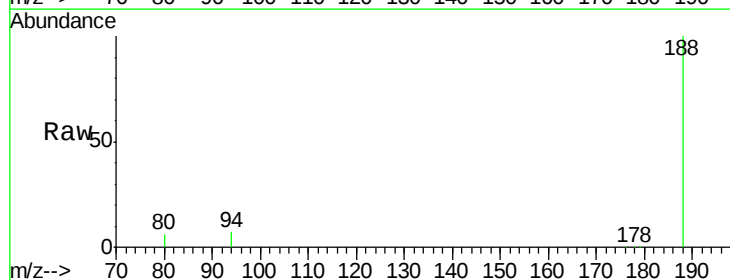
Tgt Ion:188 Resp: 286804

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

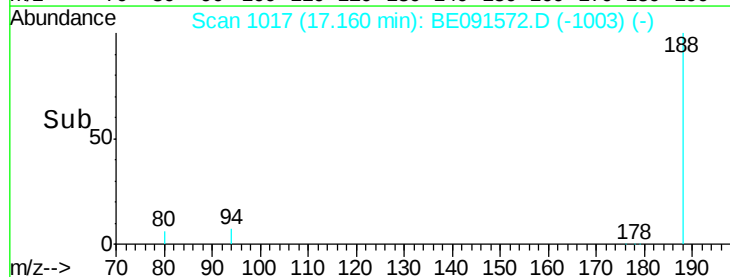
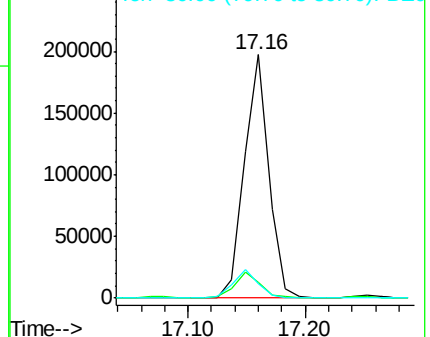
80 5.8 5.0 7.4

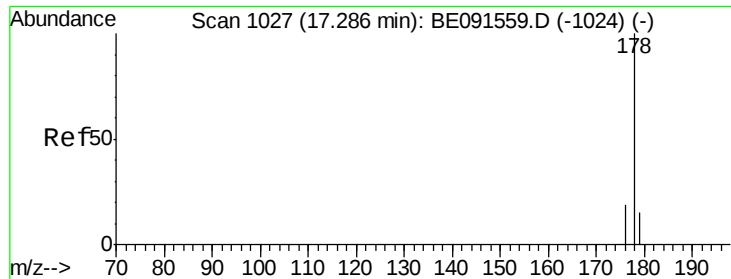


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

Anthracene

Concen: 0.07 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BE091572.D

Acq: 31 Mar 2016 2:17

Instrument :

BNA_E

ClientSampleId :

MW-1

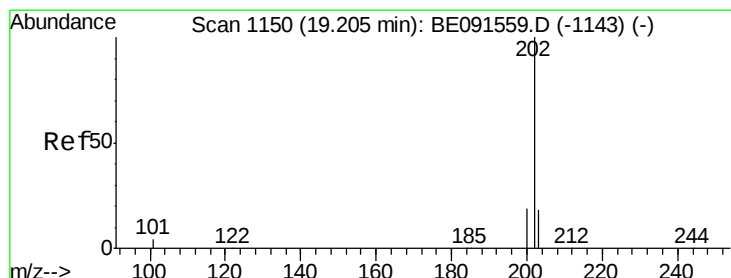
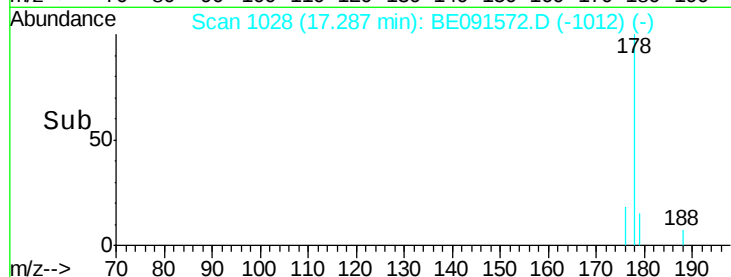
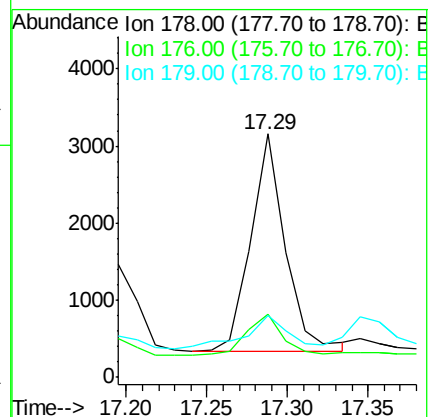
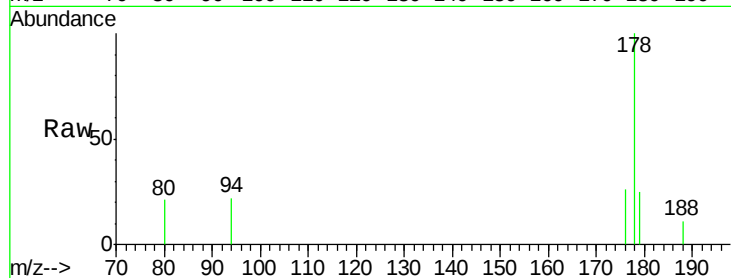
Tgt Ion:178 Resp: 4156

Ion Ratio Lower Upper

178 100

176 19.8 14.9 22.3

179 20.2 12.2 18.4#



#21

Fluoranthene

Concen: 0.18 ng

RT: 19.21 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BE091572.D

Acq: 31 Mar 2016 2:17

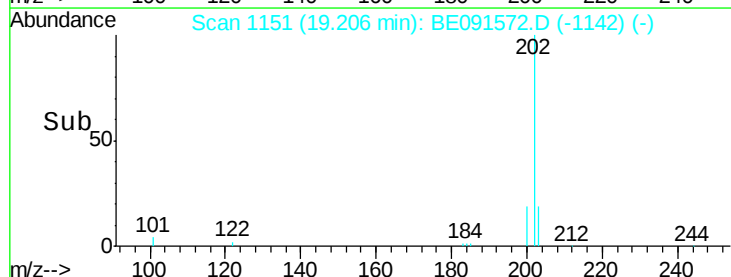
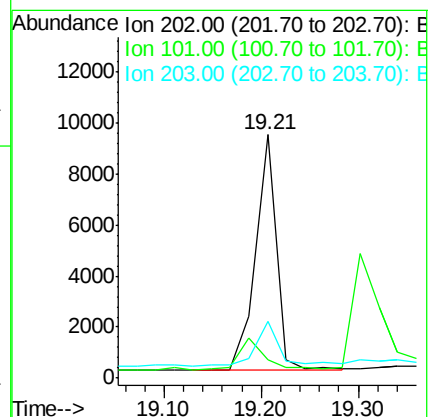
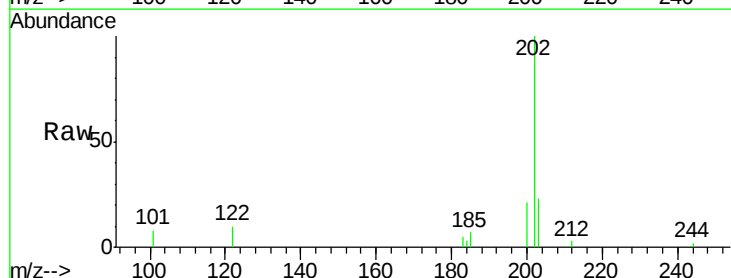
Tgt Ion:202 Resp: 13926

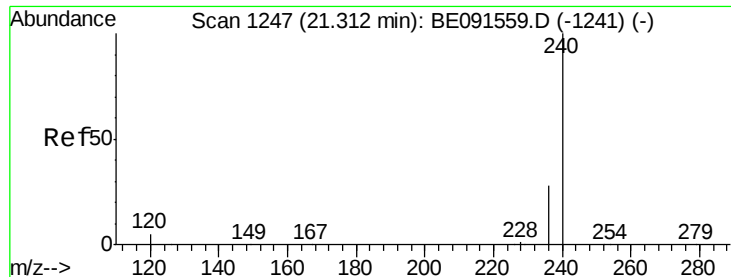
Ion Ratio Lower Upper

202 100

101 15.8 8.3 12.5#

203 19.4 13.9 20.9





#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BE091572.D

Acq: 31 Mar 2016 2:17

Instrument :

BNA_E

ClientSampleId :

MW-1

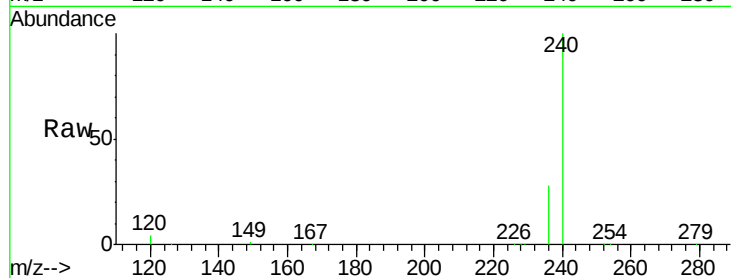
Tgt Ion:240 Resp: 384137

Ion Ratio Lower Upper

240 100

120 4.3 4.0 6.0

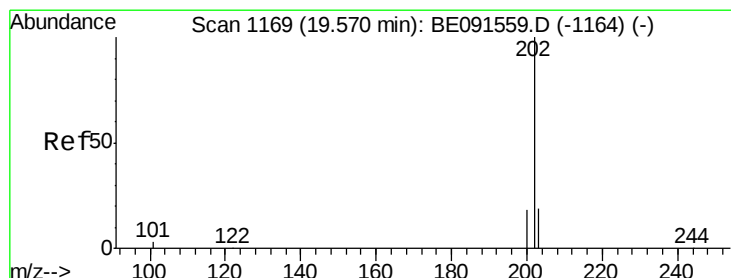
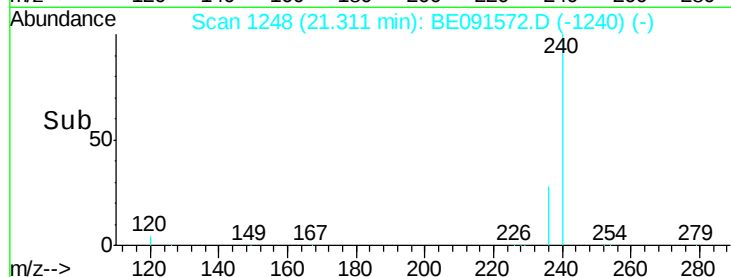
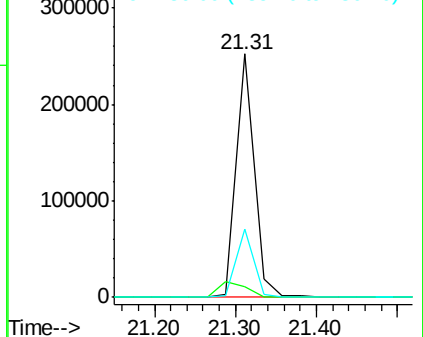
236 28.3 23.0 34.4



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: 0.12 ng

RT: 19.57 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BE091572.D

Acq: 31 Mar 2016 2:17

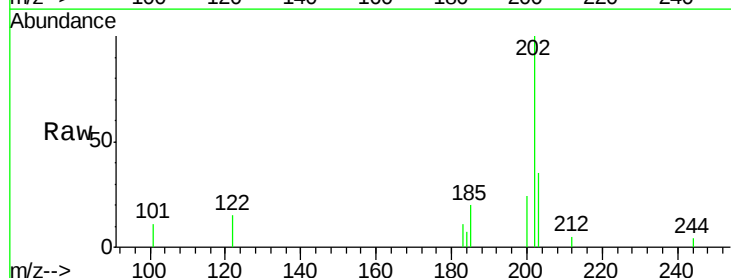
Tgt Ion:202 Resp: 9425

Ion Ratio Lower Upper

202 100

200 24.6 16.4 24.6

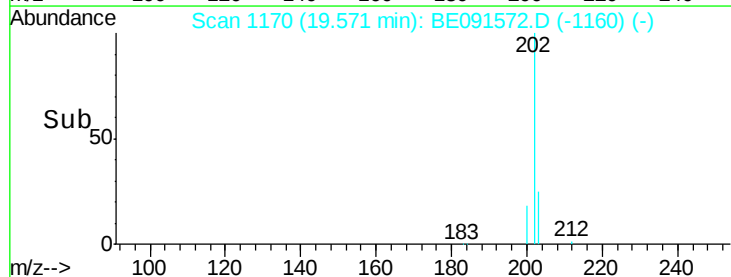
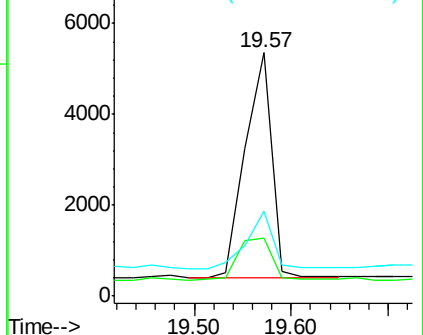
203 25.8 14.6 21.8#

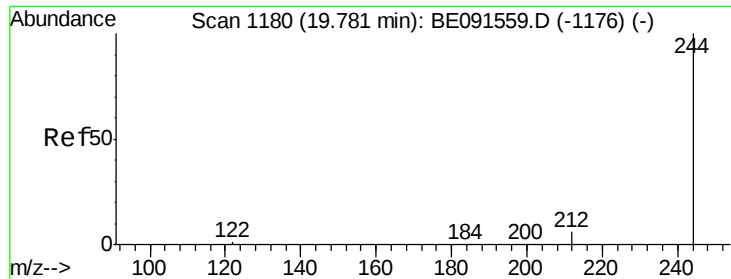


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#24

Terphenyl-d14

Concen: 4.68 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BE091572.D

Acq: 31 Mar 2016 2:17

Instrument :

BNA_E

ClientSampleId :

MW-1

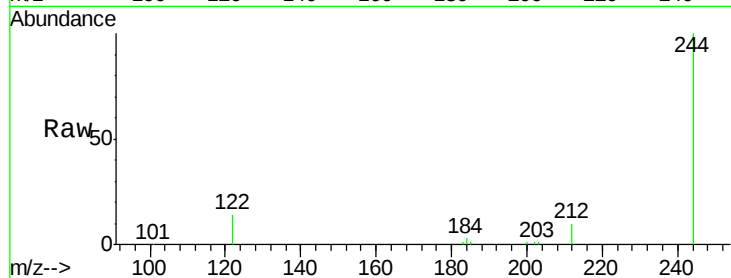
Tgt Ion:244 Resp: 228361

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

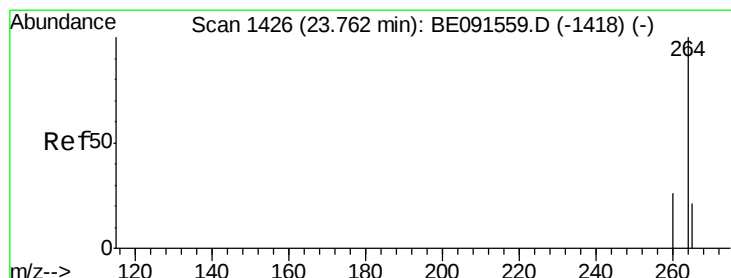
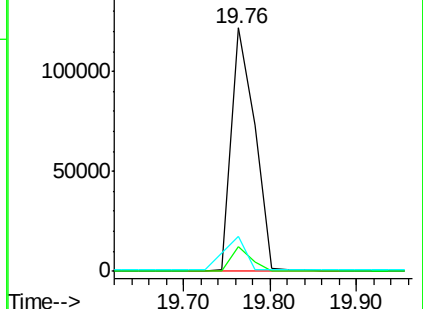
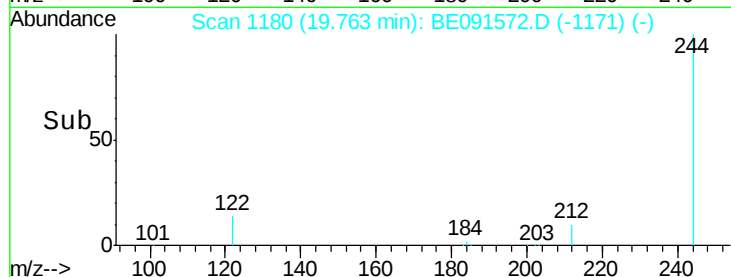
122 14.4 1.8 2.8#



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: BE091572.D

Acq: 31 Mar 2016 2:17

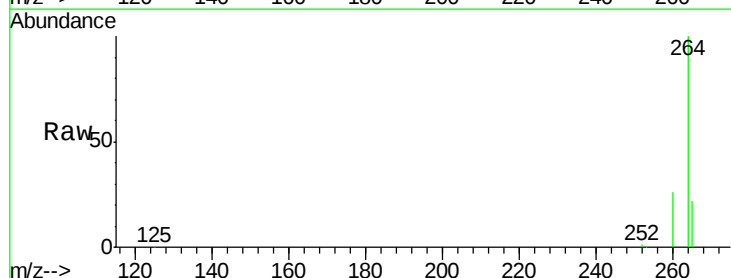
Tgt Ion:264 Resp: 326319

Ion Ratio Lower Upper

264 100

260 25.6 20.1 30.1

265 21.7 18.3 27.5



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

