

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
 Data File : BE093677.D
 Acq On : 5 Aug 2017 16:23
 Operator : SJ/JU
 Sample : PB101214BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB101214BL

Quant Time: Aug 06 02:43:22 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

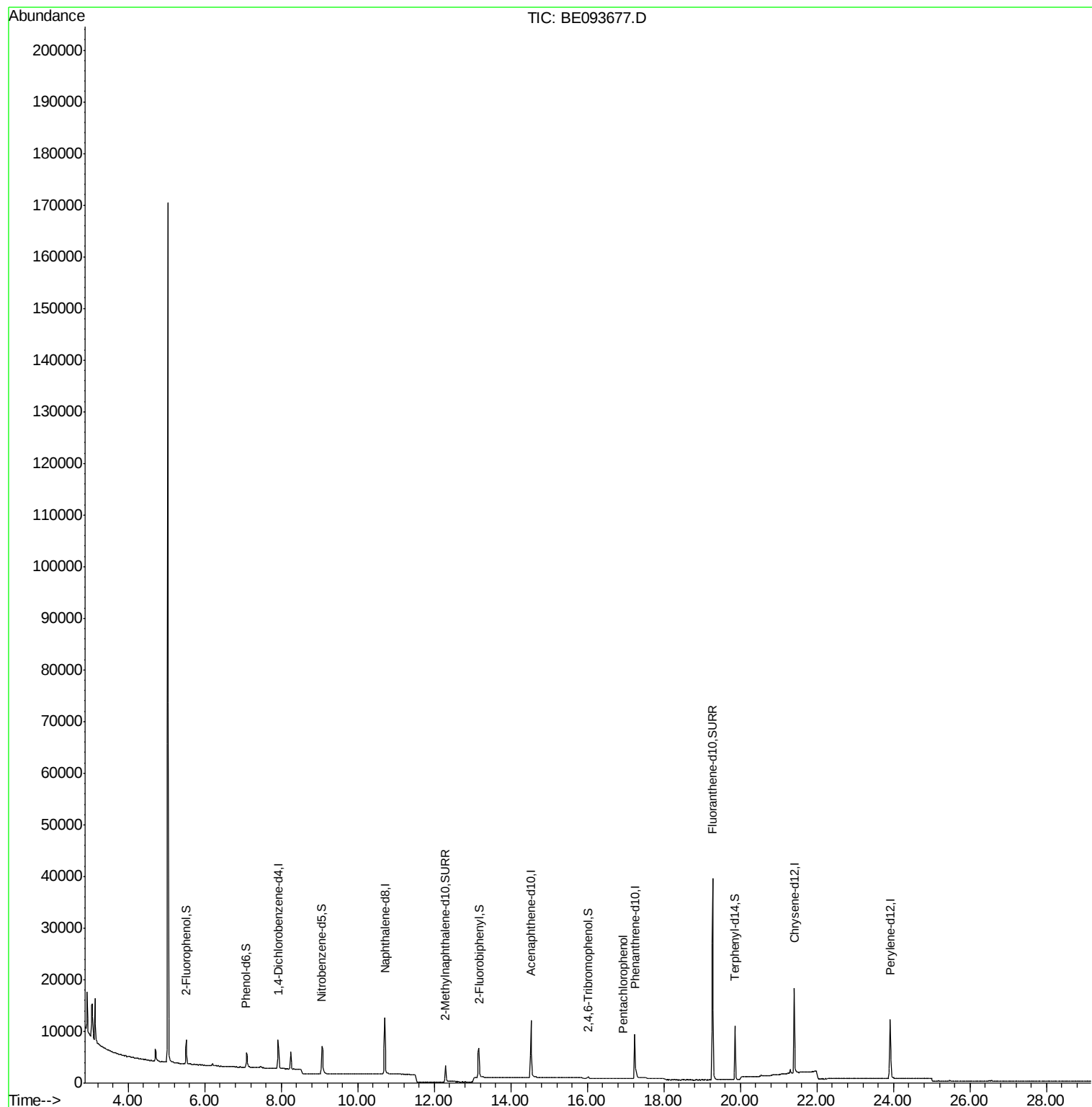
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2740	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	13079	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7340	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	15707	0.40	ng	0.00
27) Chrysene-d12	21.42	240	19934	0.40	ng	0.00
34) Perylene-d12	23.92	264	18380	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	2520	0.31	ng	0.00
5) Phenol-d6	7.09	99	3571	0.29	ng	-0.01
8) Nitrobenzene-d5	9.06	82	2752	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5347	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	413	0.30	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	7496	0.26	ng	0.00
25) Fluoranthene-d10	19.27	212	54440	0.31	ng	0.00
29) Terphenyl-d14	19.86	244	9523	0.27	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.94	266	6	0.152	ng	Qvalue # 62

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

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QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.01 min

Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

Instrument :

BNA_E

ClientSampleId :

PB101214BL

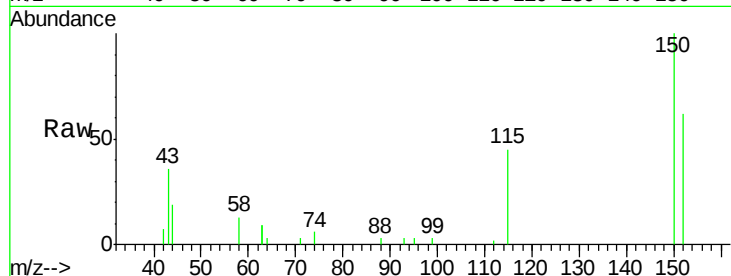
Tgt Ion:152 Resp: 2740

Ion Ratio Lower Upper

152 100

150 160.9 125.1 187.7

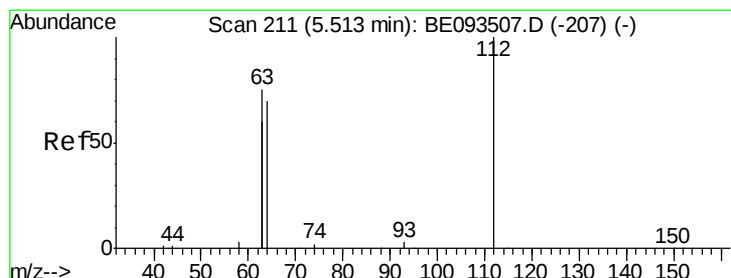
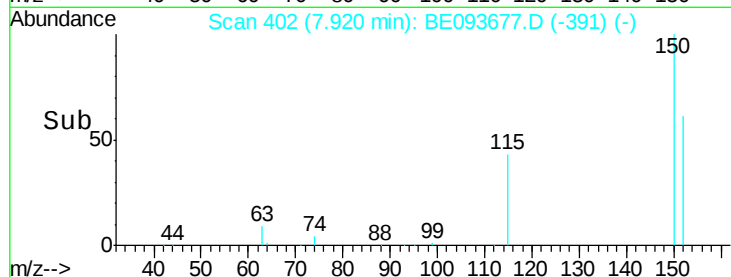
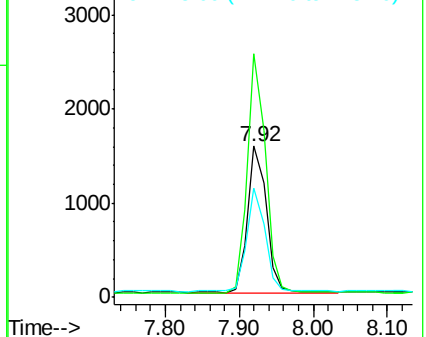
115 72.0 55.7 83.5



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: 0.309 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

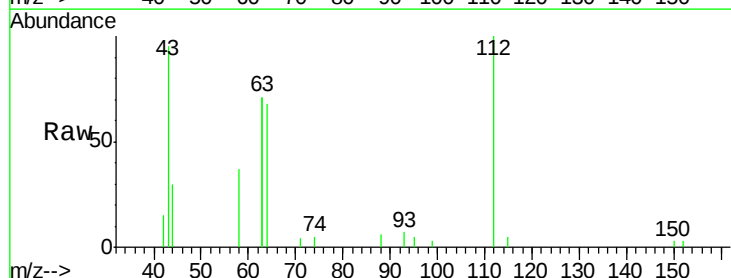
Tgt Ion:112 Resp: 2520

Ion Ratio Lower Upper

112 100

64 70.5 56.4 84.6

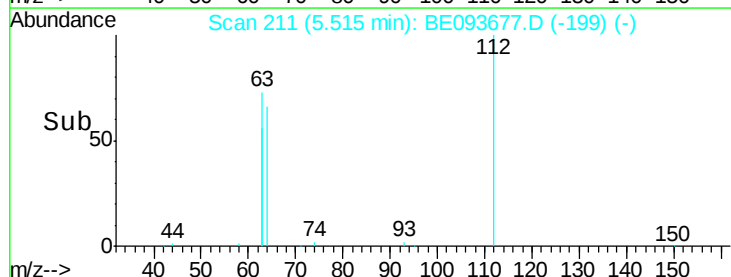
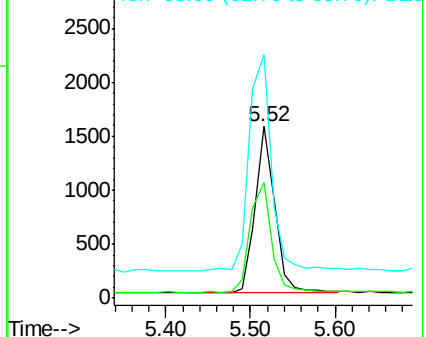
63 144.4 29.3 43.9#

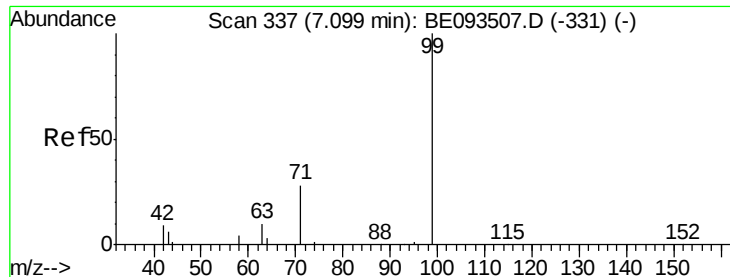


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.291 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

Instrument :

BNA_E

ClientSampleId :

PB101214BL

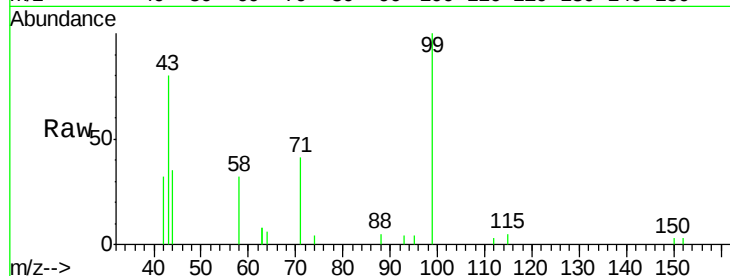
Tgt Ion: 99 Resp: 3571

Ion Ratio Lower Upper

99 100

42 19.0 0.0 0.0#

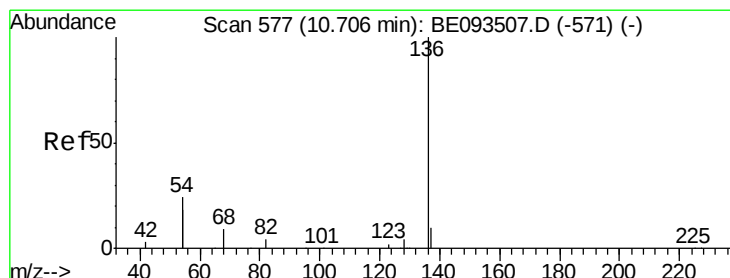
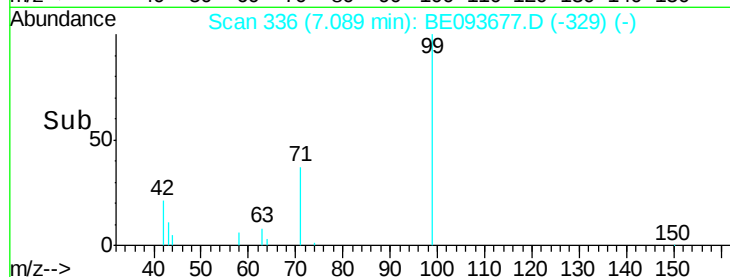
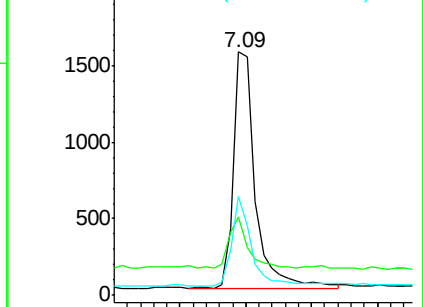
71 32.5 0.0 0.0#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

Tgt Ion: 136 Resp: 13079

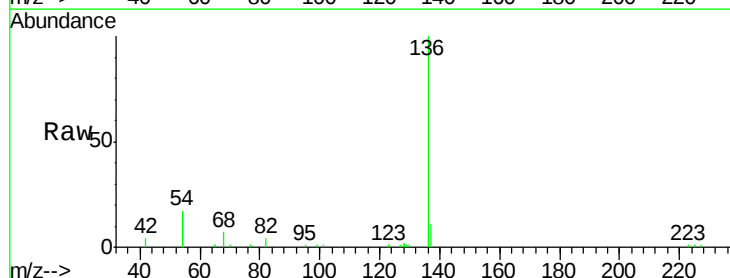
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 34.9 10.3 15.5#

68 7.2 9.0 13.4#

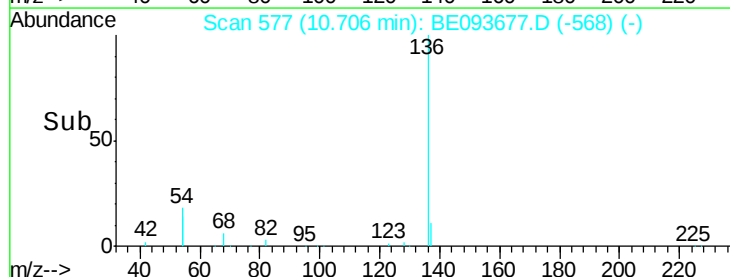
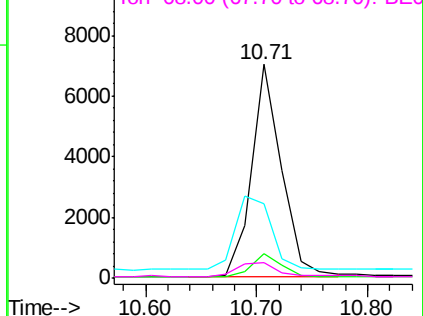


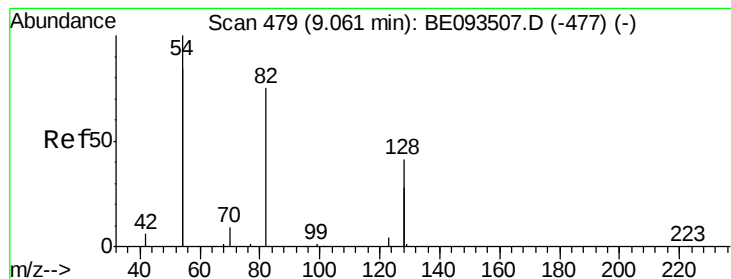
Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.276 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

Instrument :

BNA_E

ClientSampleId :

PB101214BL

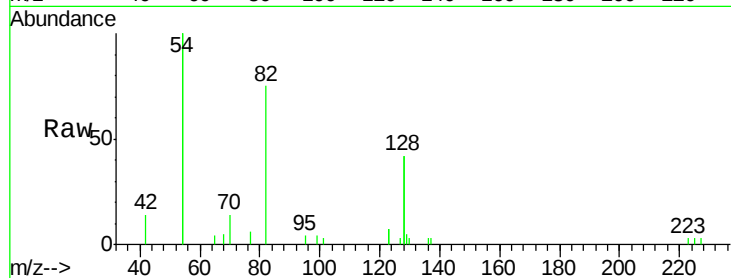
Tgt Ion: 82 Resp: 2752

Ion Ratio Lower Upper

82 100

128 113.2 17.0 25.4#

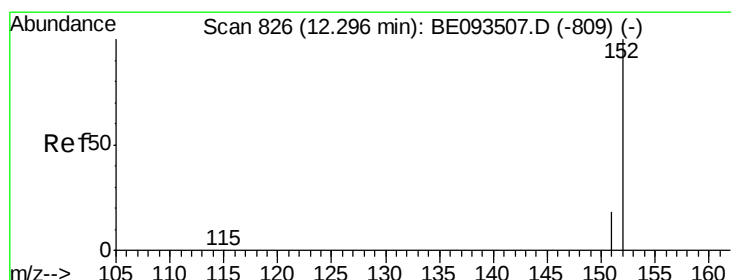
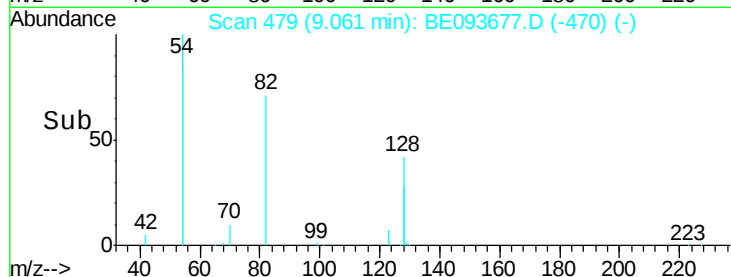
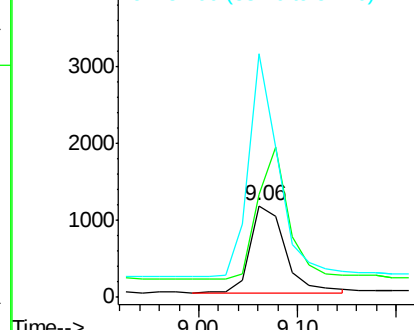
54 266.7 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093507.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE093507.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE093507.D (-477) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.259 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093677.D

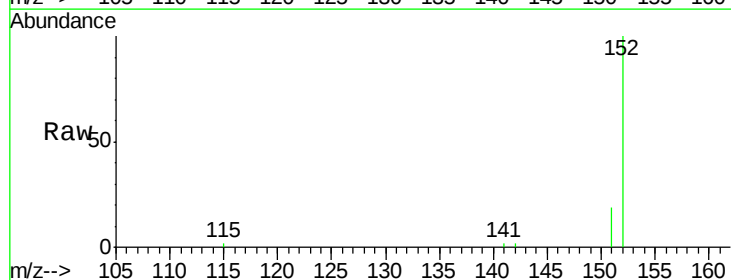
Acq: 5 Aug 2017 16:23

Tgt Ion: 152 Resp: 5347

Ion Ratio Lower Upper

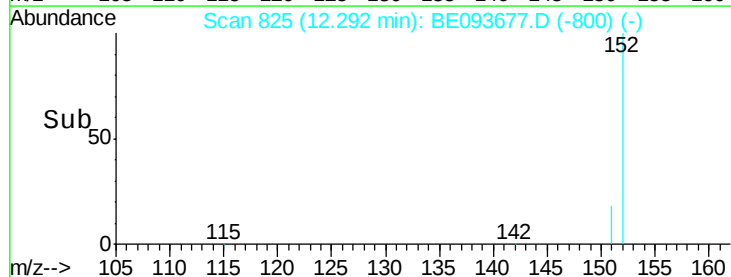
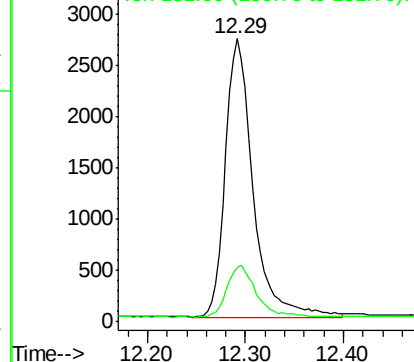
152 100

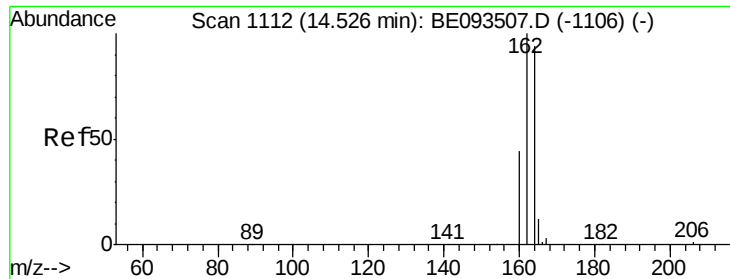
151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093507.D (-809) (-)

Ion 151.00 (150.70 to 151.70): BE093507.D (-809) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

Instrument :

BNA_E

ClientSampleId :

PB101214BL

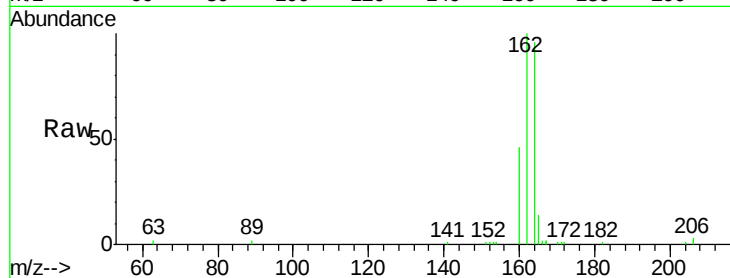
Tgt Ion:164 Resp: 7340

Ion Ratio Lower Upper

164 100

162 103.9 84.6 127.0

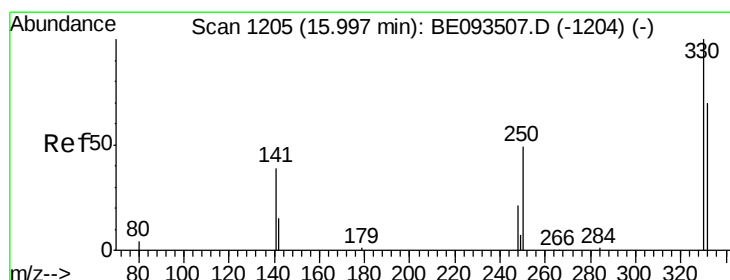
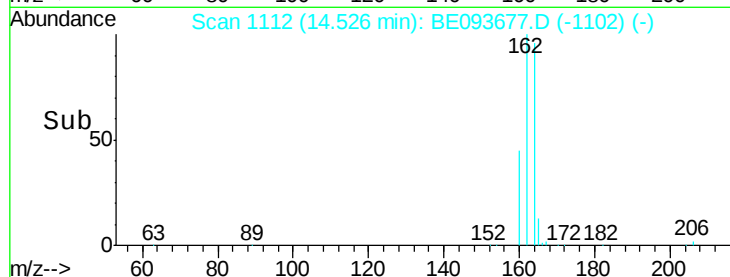
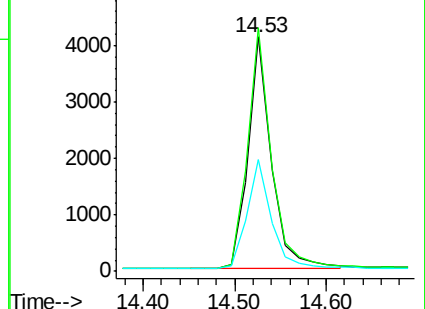
160 47.5 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 0.295 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

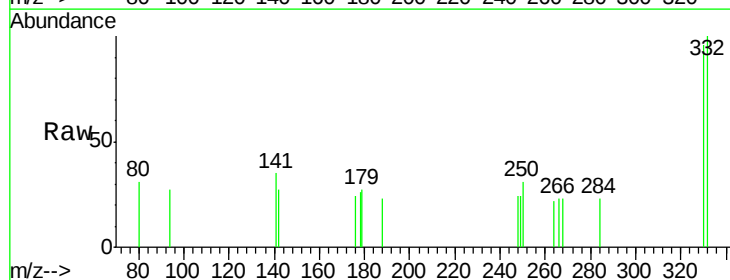
Tgt Ion:330 Resp: 413

Ion Ratio Lower Upper

330 100

332 97.6 77.7 116.5

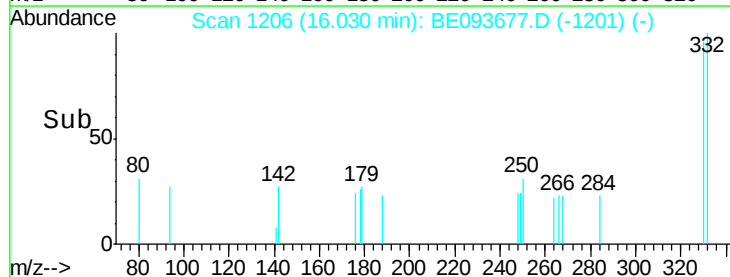
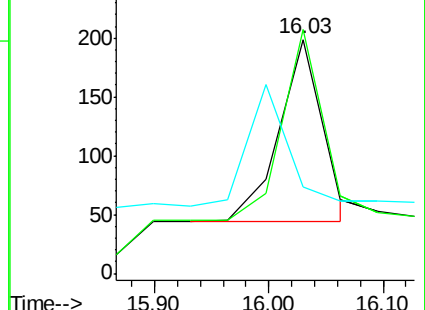
141 0.0 56.2 84.4#

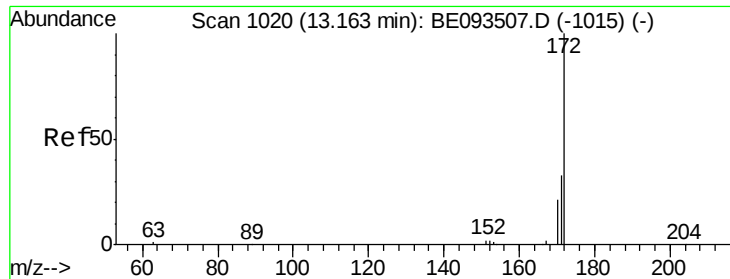


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

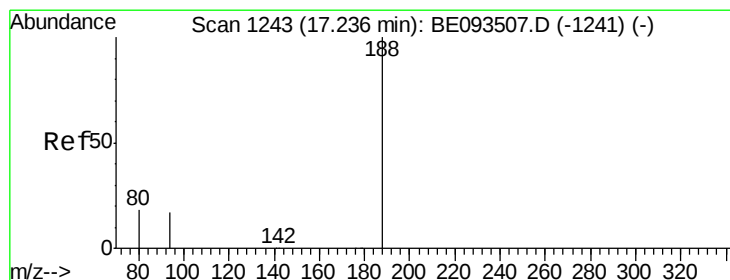
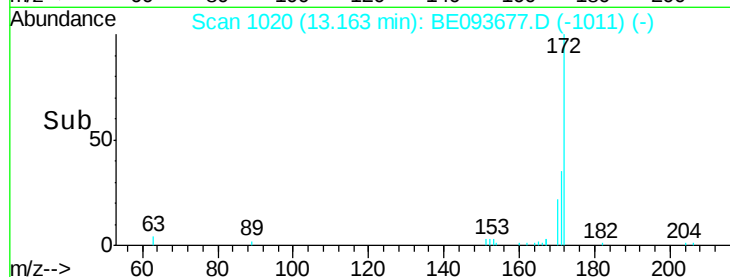
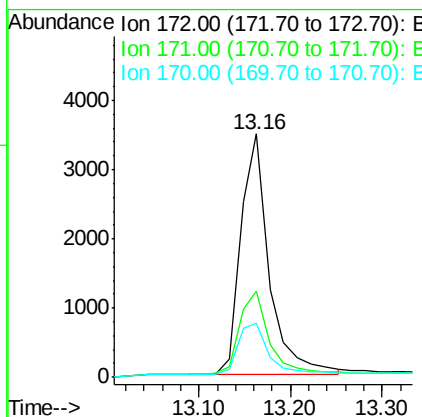
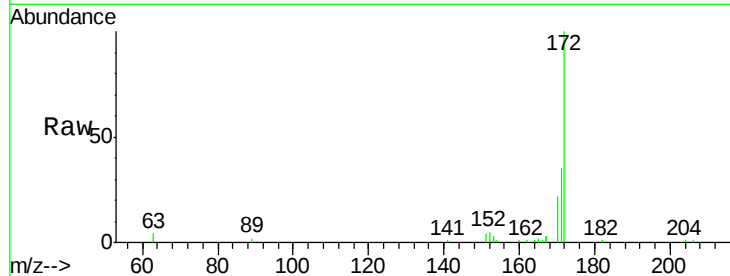




#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093677.D
Acq: 5 Aug 2017 16:23

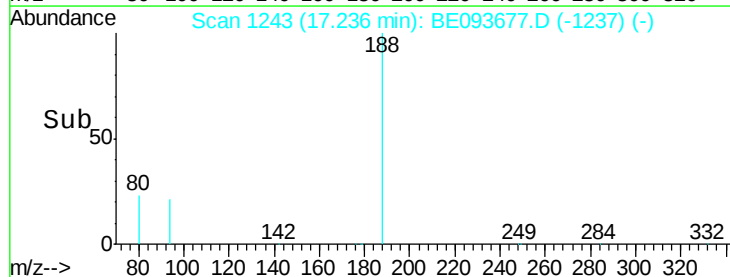
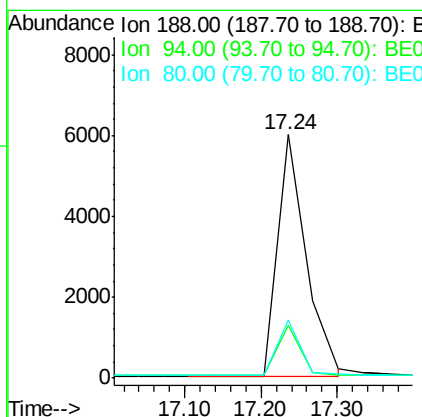
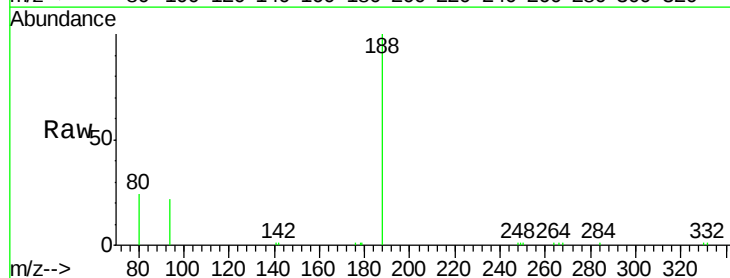
Instrument :
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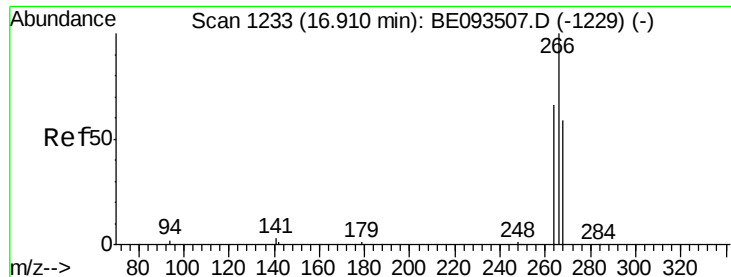
Tgt Ion:172 Resp: 7496
Ion Ratio Lower Upper
172 100
171 35.1 29.8 44.6
170 22.0 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093677.D
Acq: 5 Aug 2017 16:23

Tgt Ion:188 Resp: 15707
Ion Ratio Lower Upper
188 100
94 21.5 11.3 16.9#
80 24.0 11.7 17.5#





#22

Pentachlorophenol

Concen: 0.152 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.03 min

Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

Instrument :

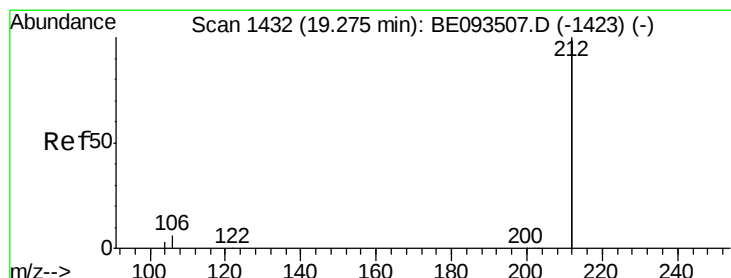
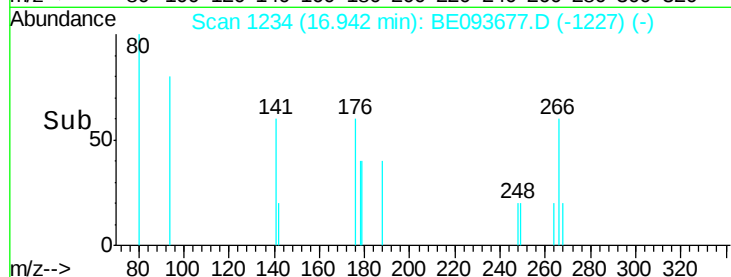
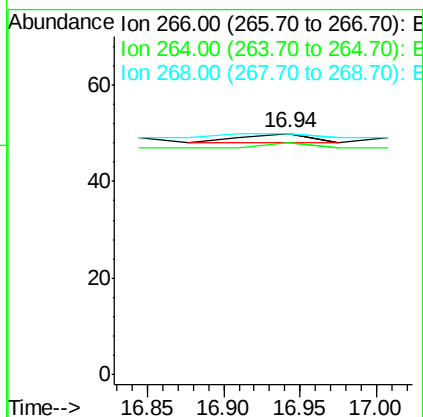
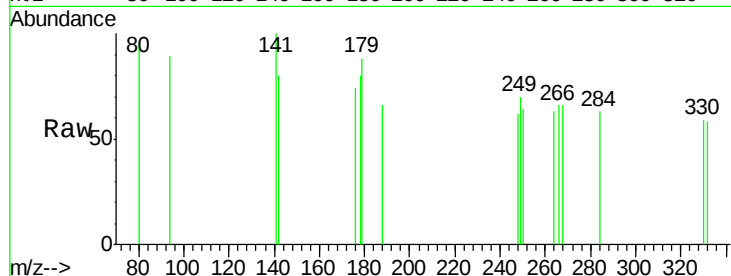
BNA_E

ClientSampleId :

PB101214BL

Tgt Ion: 266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	96.0	56.0	84.0#
268	100.0	52.0	78.0#



#25

Fluoranthene-d10

Concen: 0.305 ng

RT: 19.27 min Scan# 1432

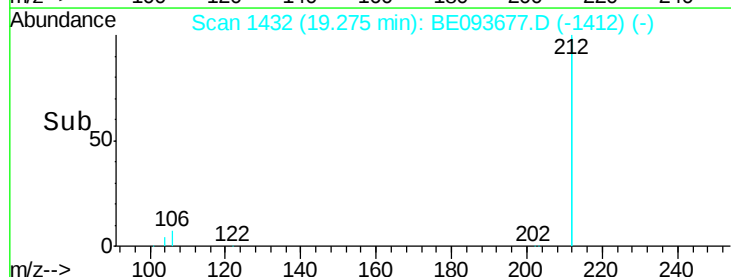
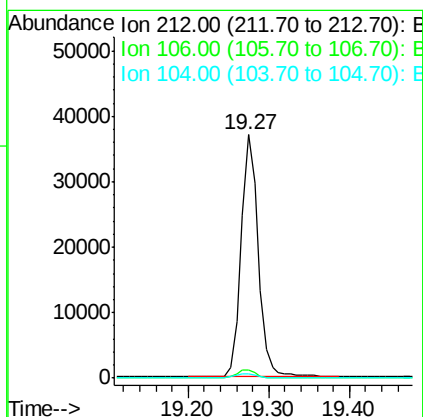
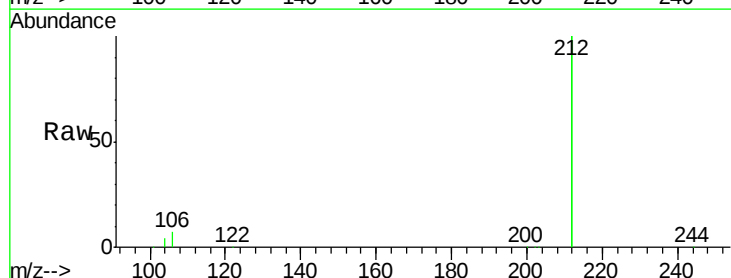
Delta R.T. -0.00 min

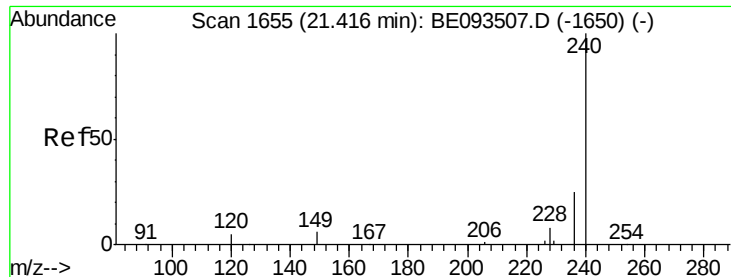
Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

Tgt Ion: 212 Resp: 54440

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

Instrument :

BNA_E

ClientSampleId :

PB101214BL

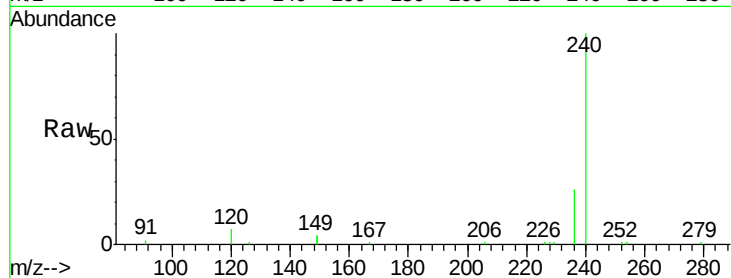
Tgt Ion:240 Resp: 19934

Ion Ratio Lower Upper

240 100

120 6.8 4.6 7.0

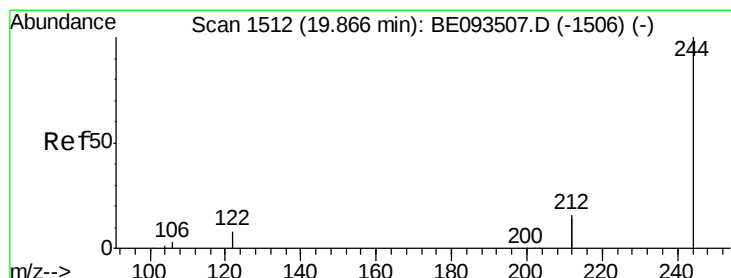
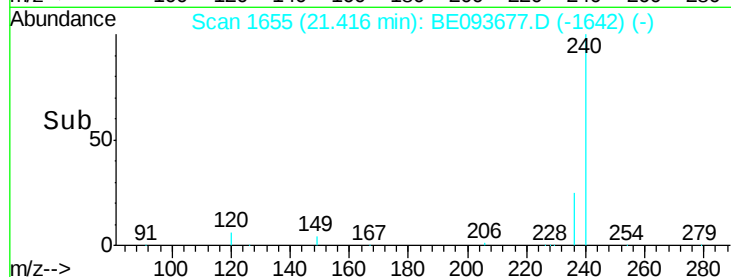
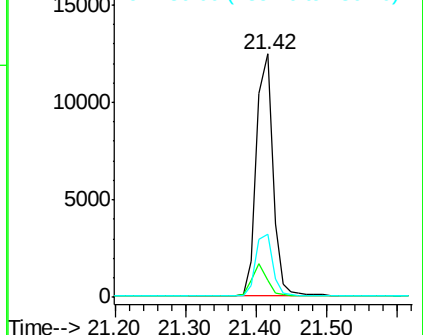
236 25.9 20.8 31.2



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



#29

Terphenyl-d14

Concen: 0.266 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

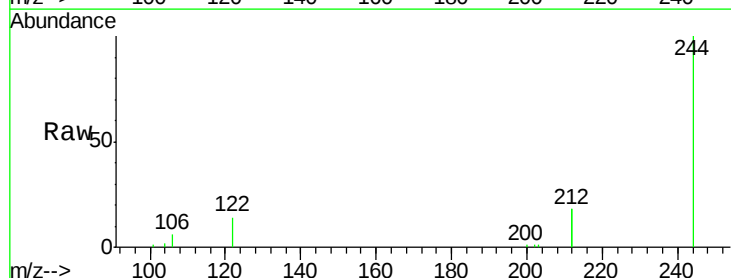
Tgt Ion:244 Resp: 9523

Ion Ratio Lower Upper

244 100

212 35.3 10.6 16.0#

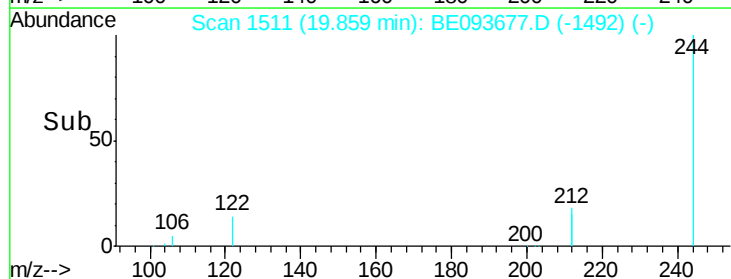
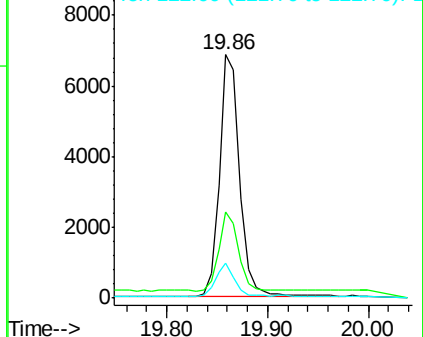
122 14.4 15.4 23.0#

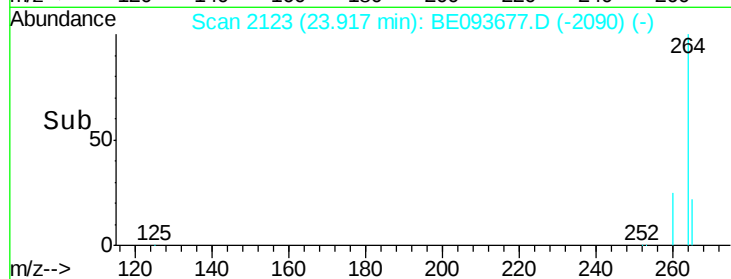
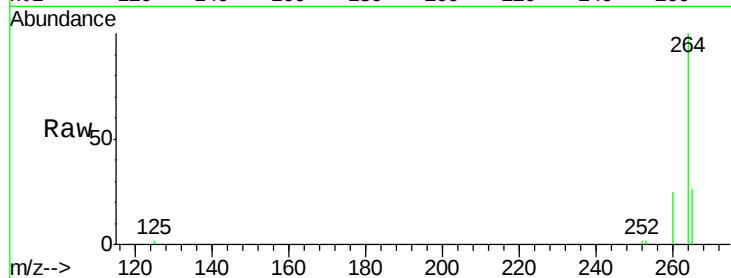
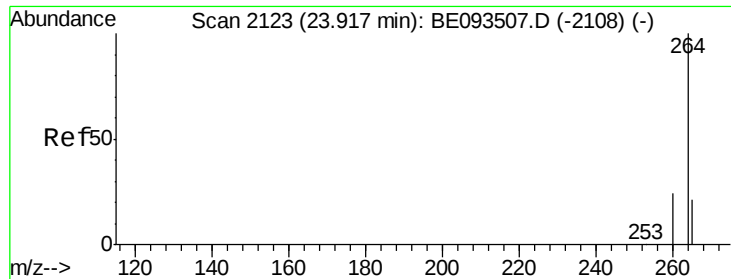


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE093677.D

Acq: 5 Aug 2017 16:23

Instrument :

BNA_E

ClientSampleId :

PB101214BL

Tgt Ion:264 Resp: 18380

Ion Ratio Lower Upper

264 100

260 25.2 21.0 31.4

265 25.8 24.6 36.8

