

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
 Data File : BE094902.D
 Acq On : 1 Dec 2017 13:08
 Operator : SJ/JU
 Sample : PB104097BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB104097BL

Quant Time: Dec 01 14:38:05 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

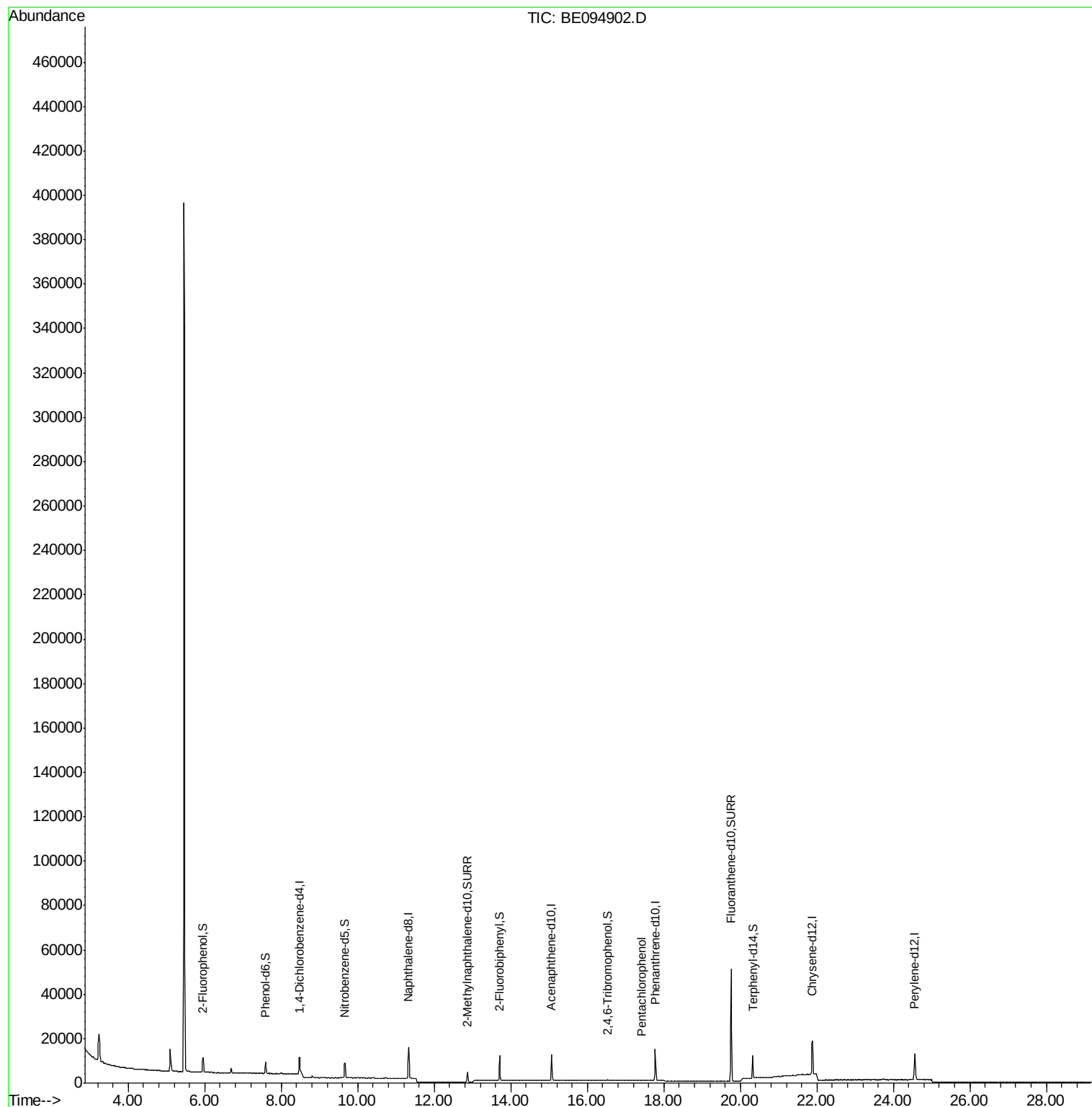
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	7251	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	15242	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	7725	0.40	ng	-0.02
19) Phenanthrene-d10	17.77	188	18557	0.40	ng	0.00
27) Chrysene-d12	21.89	240	21354	0.40	ng	0.00
34) Perylene-d12	24.56	264	18401	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	3304	0.29	ng	0.00
5) Phenol-d6	7.59	99	4673	0.27	ng	0.00
8) Nitrobenzene-d5	9.66	82	3265	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	6537	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	308	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	10048	0.30	ng	0.00
25) Fluoranthene-d10	19.76	212	67751	0.27	ng	0.00
29) Terphenyl-d14	20.33	244	12799	0.32	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.41	266	7	0.135	ng	Qvalue 93

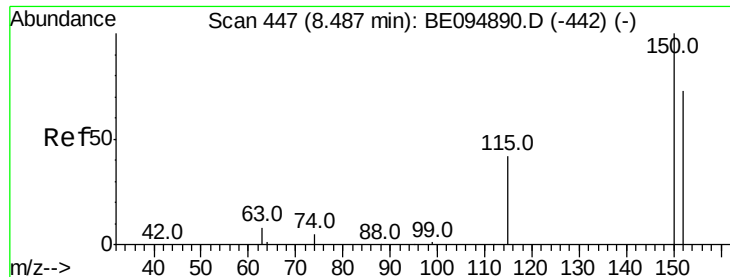
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.48 min Scan# 447

Delta R.T. -0.00 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

Instrument :

BNA_E

ClientSampleId :

PB104097BL

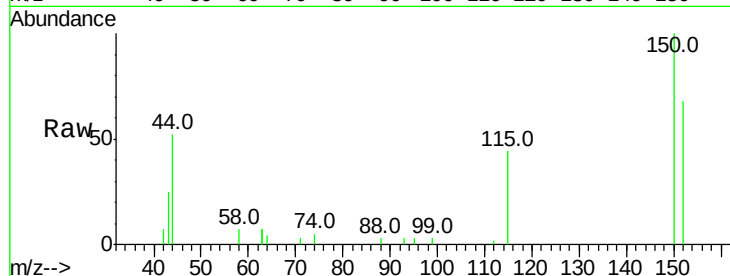
Tot Ion:152 Resp: 7251

Ion Ratio Lower Upper

152 100

150 146.7 117.2 175.8

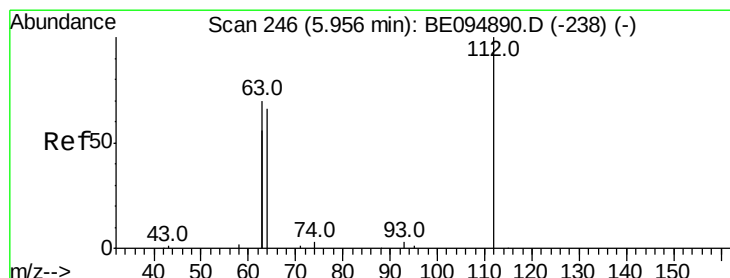
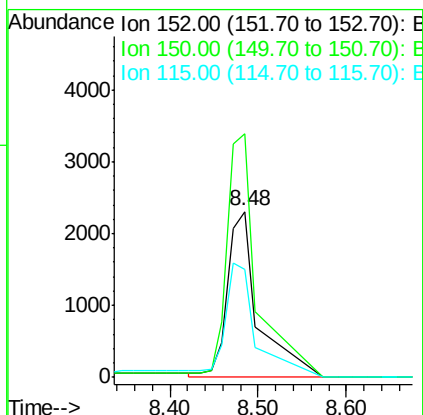
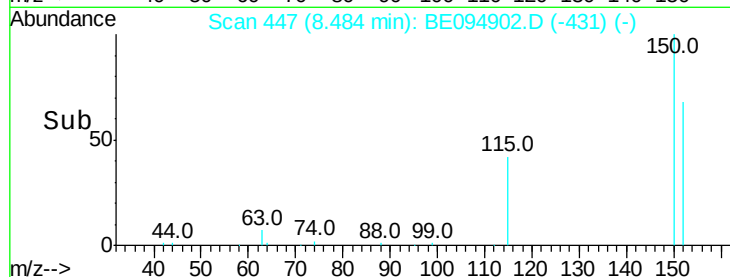
115 65.1 57.0 85.6



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: 0.288 ng

RT: 5.95 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

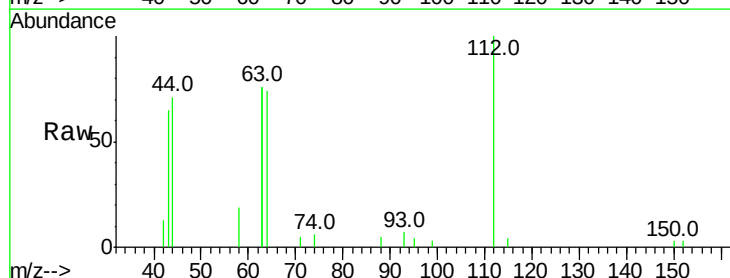
Tgt Ion:112 Resp: 3304

Ion Ratio Lower Upper

112 100

64 77.7 60.1 90.1

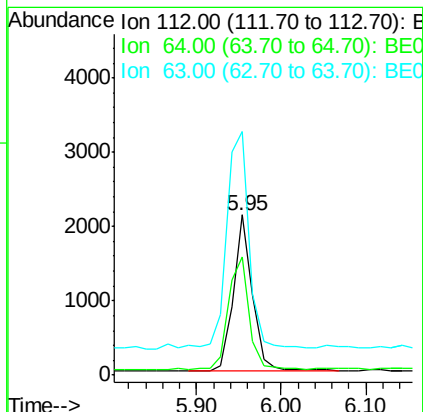
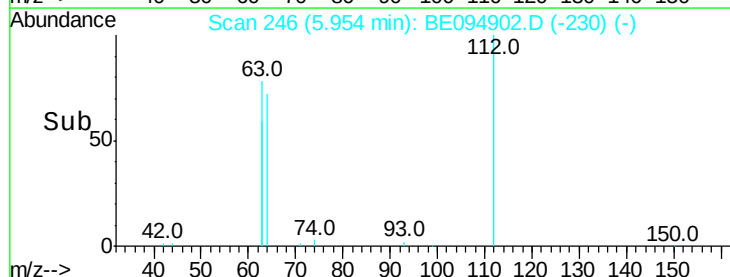
63 162.0 116.8 175.2

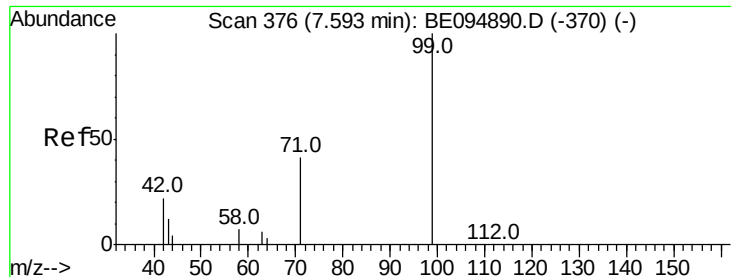


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.275 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

Instrument :

BNA_E

ClientSampleId :

PB104097BL

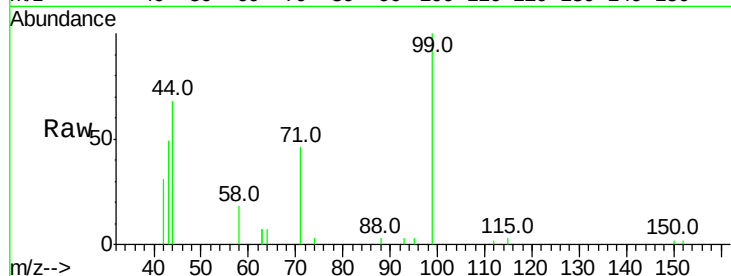
Tot Ion: 99 Resp: 4673

Ion Ratio Lower Upper

99 100

42 25.3 20.2 30.2

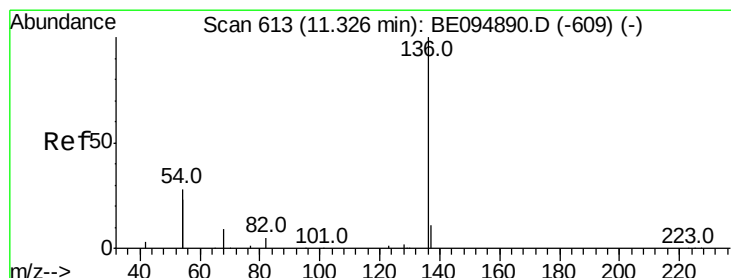
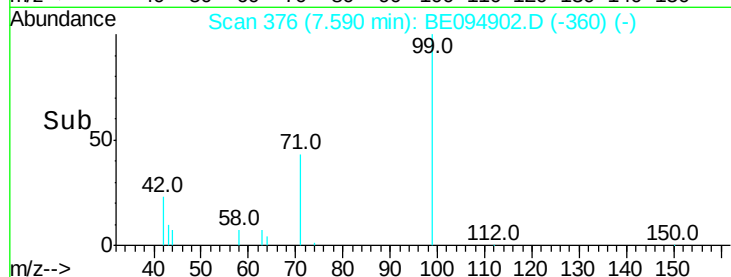
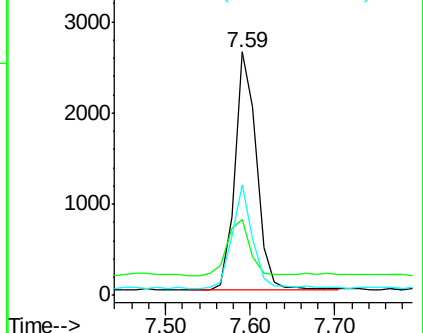
71 41.9 28.4 42.6



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: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

Tgt Ion: 136 Resp: 15242

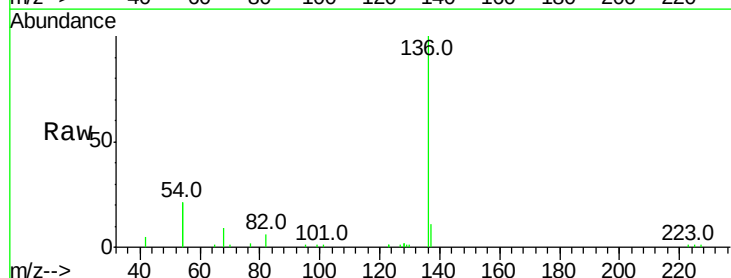
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 42.9 29.1 43.7

68 8.7 6.2 9.2

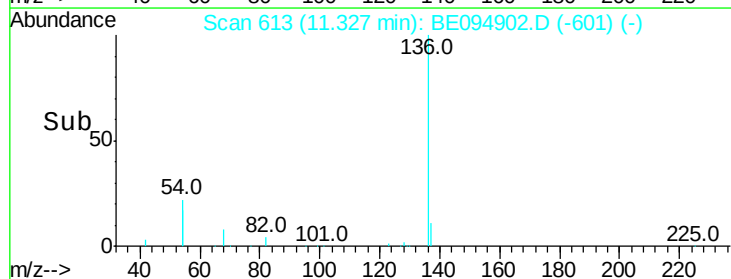
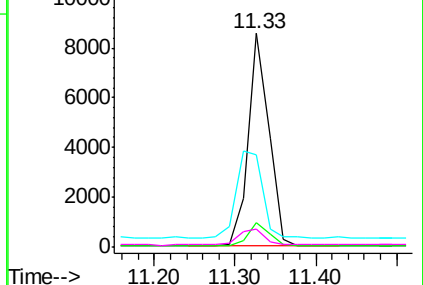


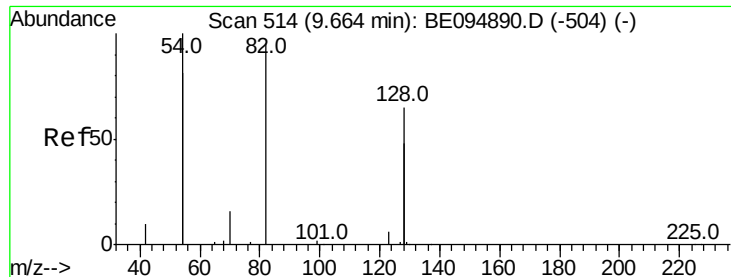
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.362 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

Instrument :

BNA_E

ClientSampleId :

PB104097BL

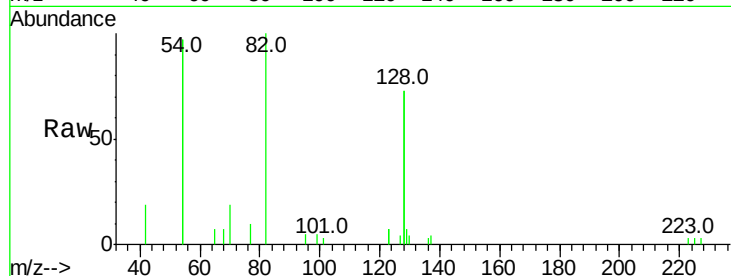
Tot Ion: 82 Resp: 3265

Ion Ratio Lower Upper

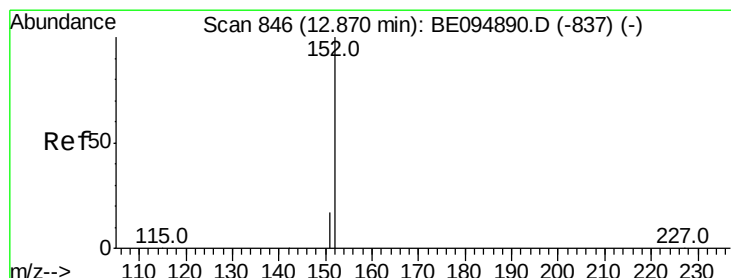
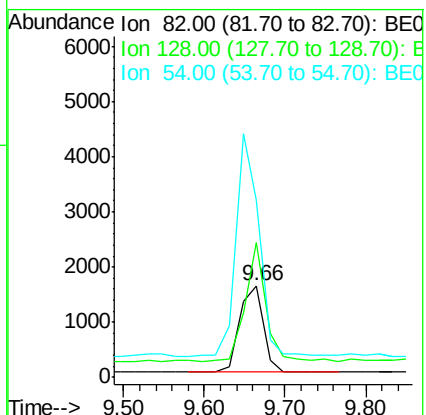
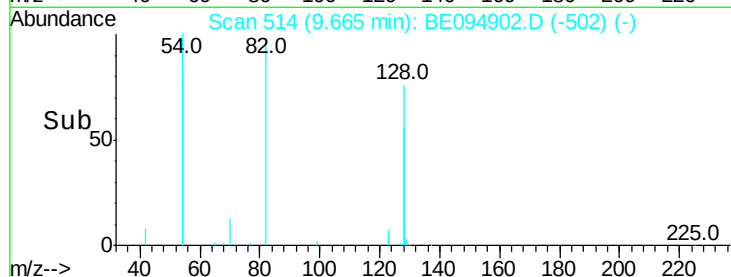
82 100

128 146.5 150.0 225.0#

54 193.5 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.269 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094902.D

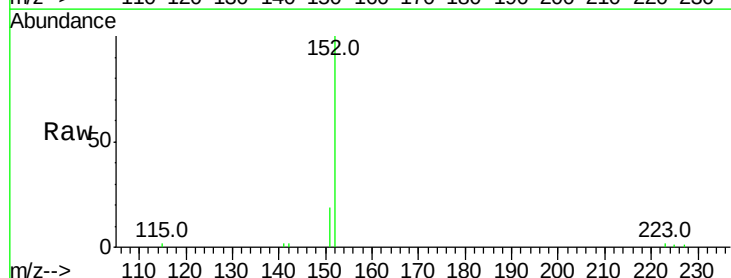
Acq: 1 Dec 2017 13:08

Tgt Ion: 152 Resp: 6537

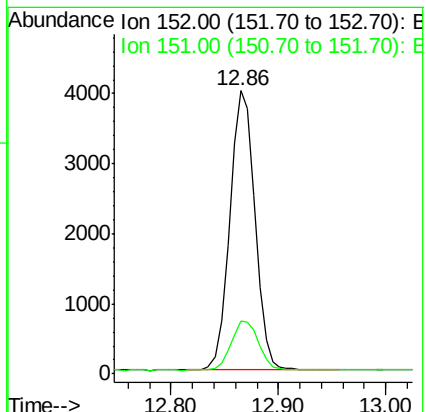
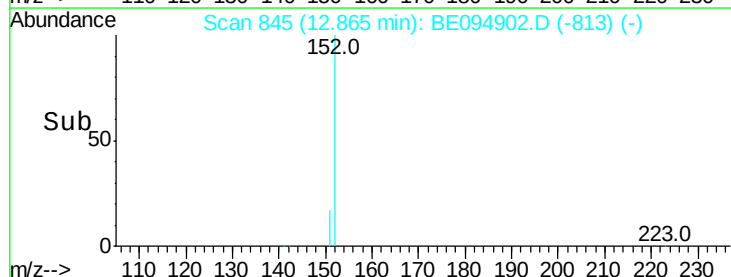
Ion Ratio Lower Upper

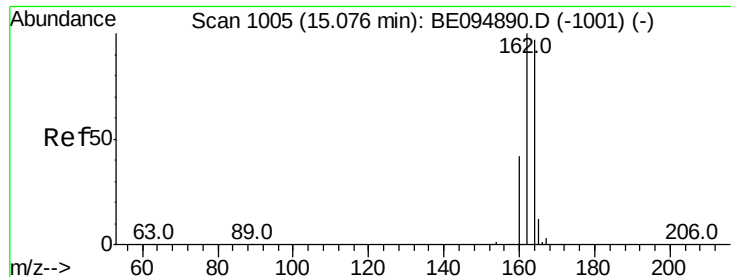
152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

Instrument :

BNA_E

ClientSampleId :

PB104097BL

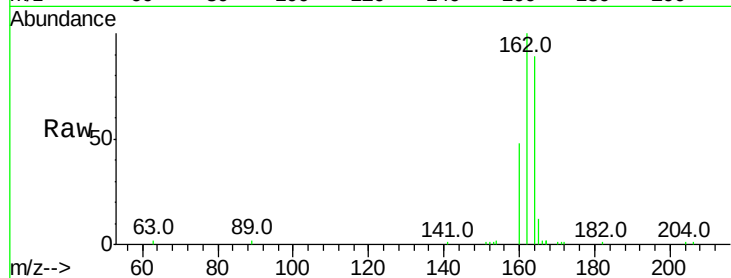
Tot Ion:164 Resp: 7725

Ion Ratio Lower Upper

164 100

162 112.2 83.1 124.7

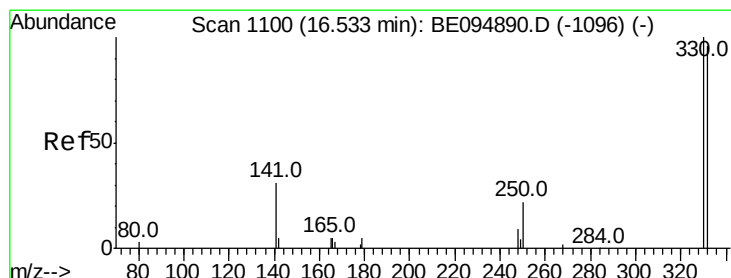
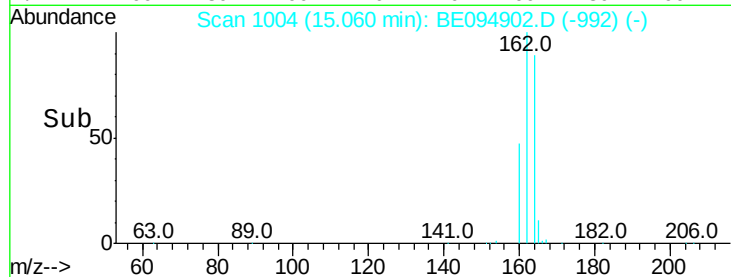
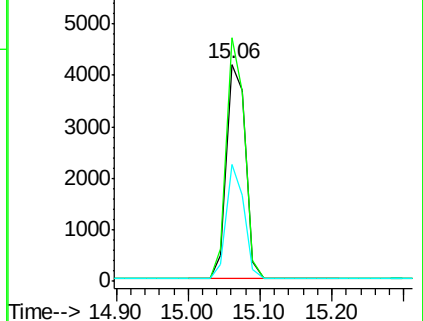
160 53.6 37.1 55.7



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: 0.256 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

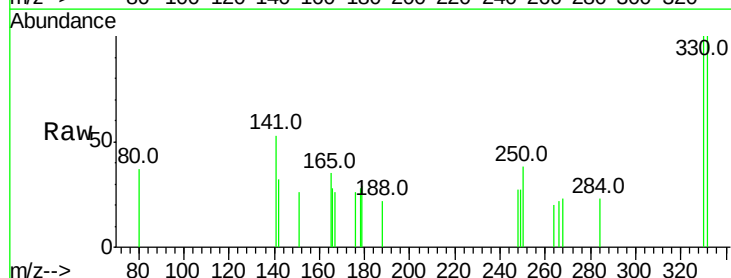
Tgt Ion:330 Resp: 308

Ion Ratio Lower Upper

330 100

332 93.8 152.7 229.1#

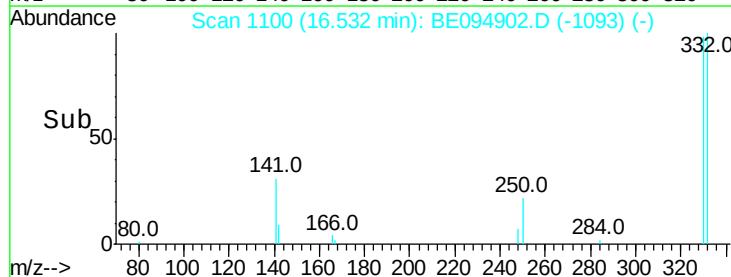
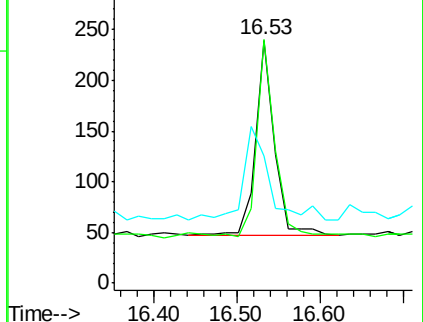
141 65.3 33.7 50.5#

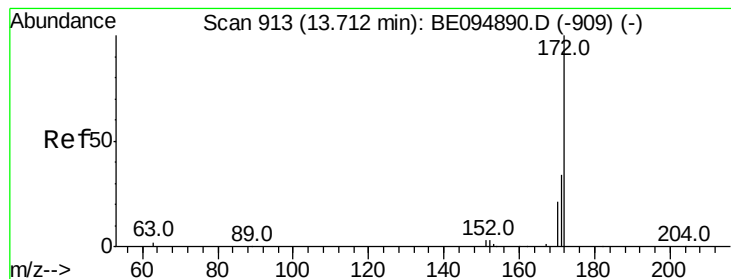


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

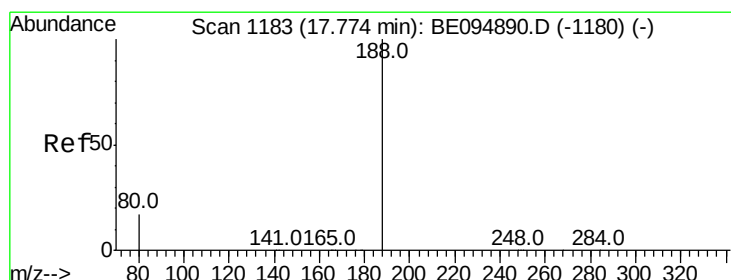
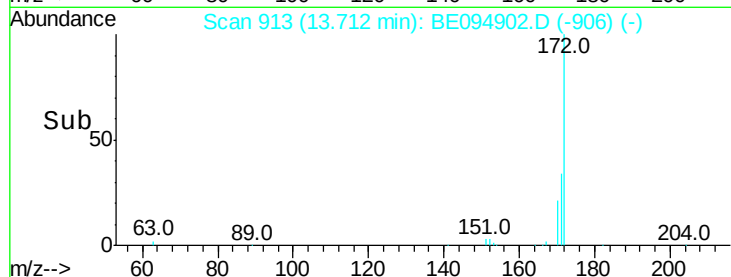
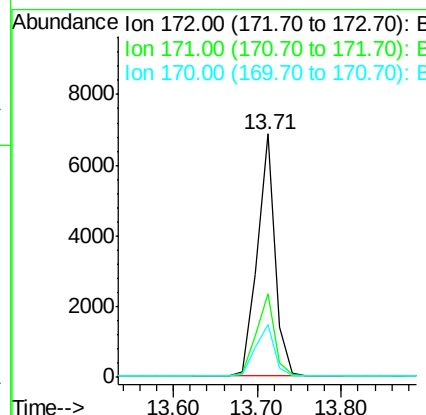
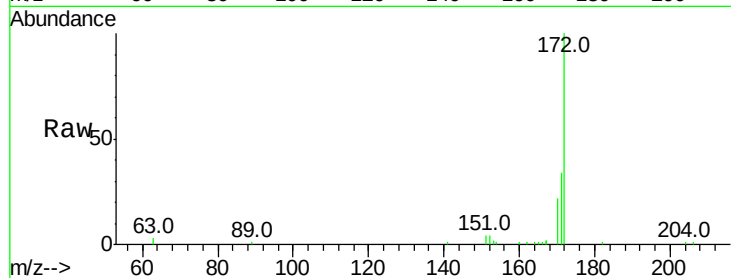




#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094902.D
Acq: 1 Dec 2017 13:08

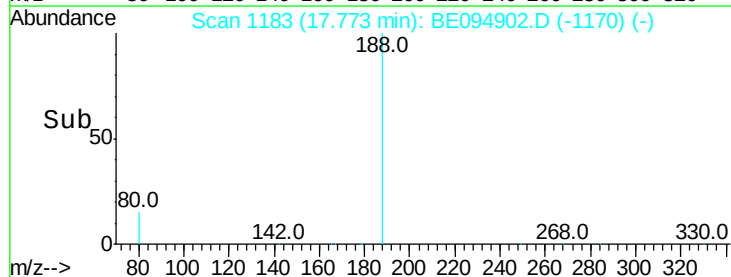
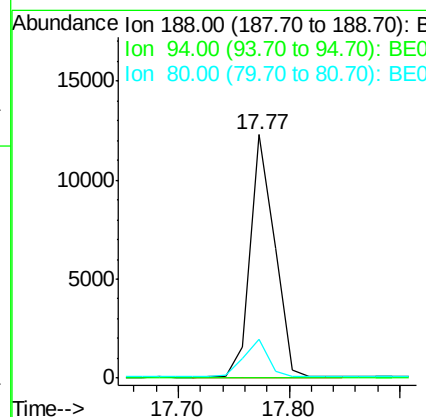
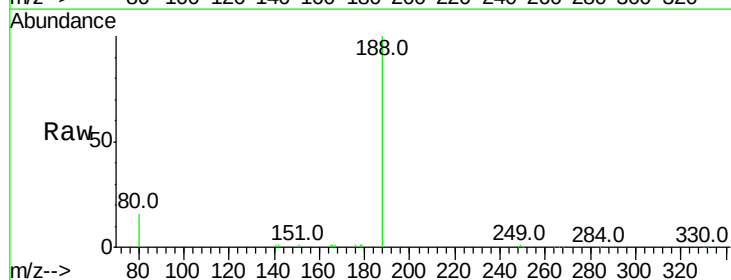
Instrument :
BNA_E
ClientSampleId :
PB104097BL

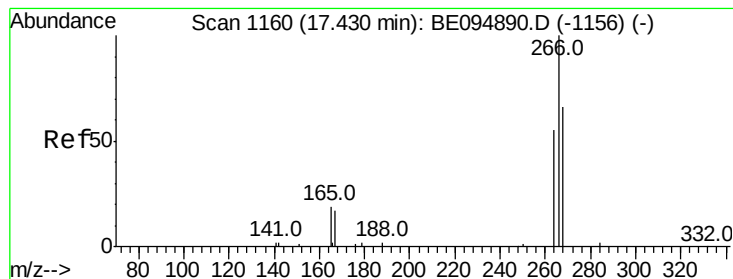
Tot Ion:172 Resp: 10048
Ion Ratio Lower Upper
172 100
171 34.2 29.9 44.9
170 21.6 21.8 32.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094902.D
Acq: 1 Dec 2017 13:08

Tgt Ion:188 Resp: 18557
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 15.9 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.135 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

Instrument :

BNA_E

ClientSampleId :

PB104097BL

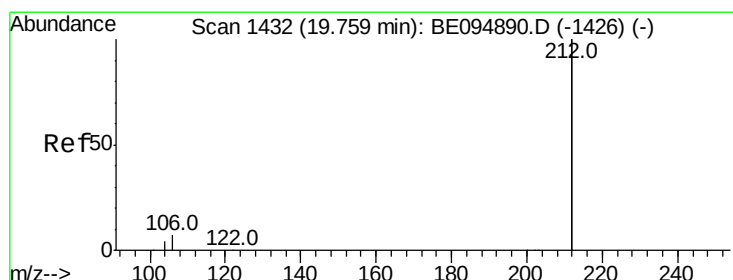
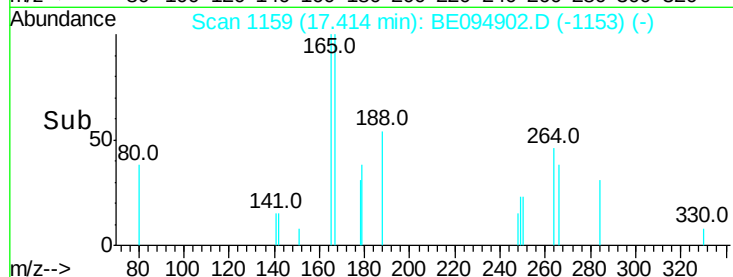
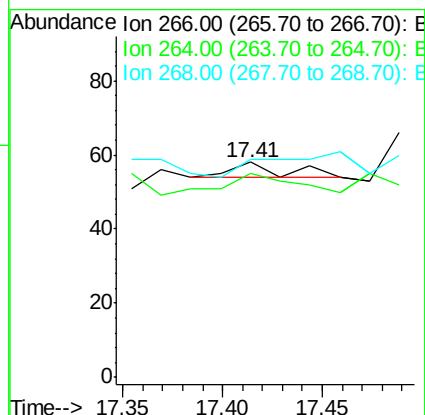
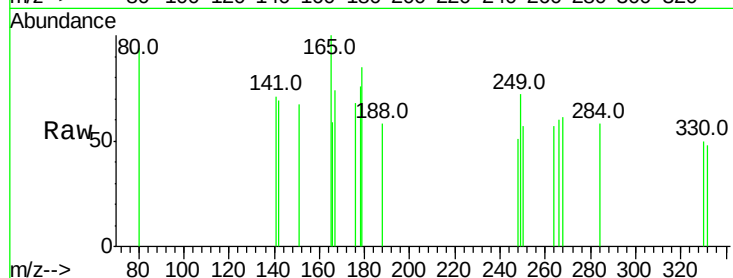
Tot Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 94.8 72.5 108.7

268 101.7 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.267 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

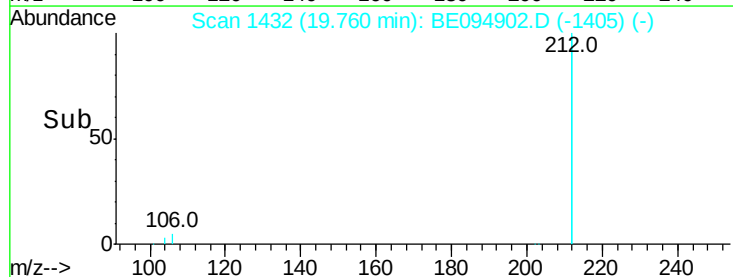
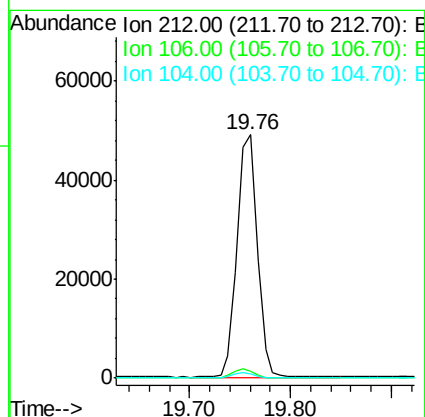
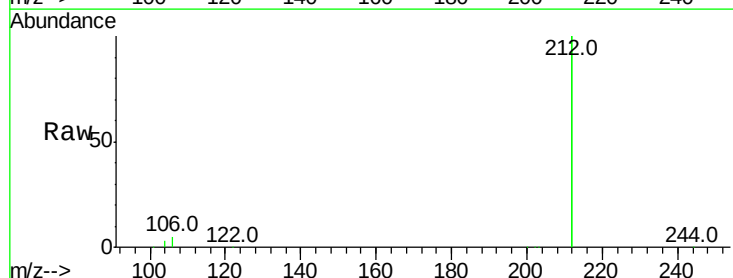
Tgt Ion:212 Resp: 67751

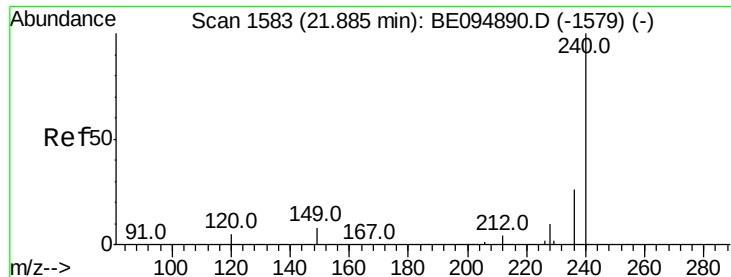
Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

104 2.1 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

Instrument :

BNA_E

ClientSampleId :

PB104097BL

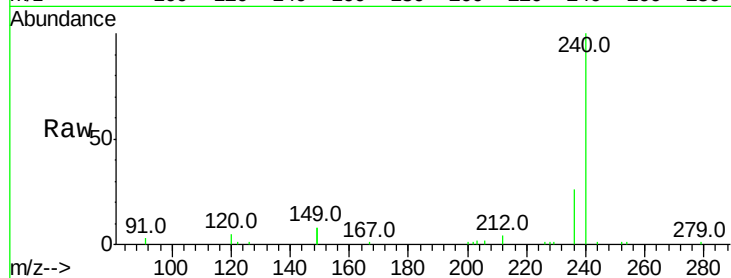
Tot Ion:240 Resp: 21354

Ion Ratio Lower Upper

240 100

120 4.5 5.5 8.3#

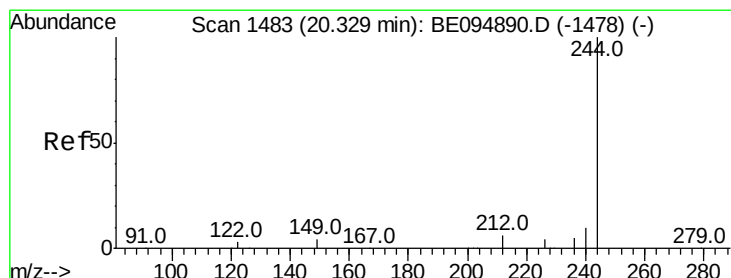
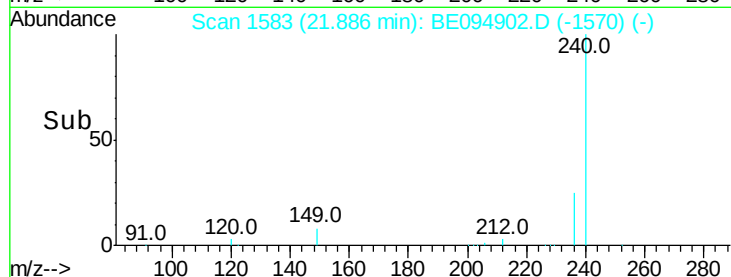
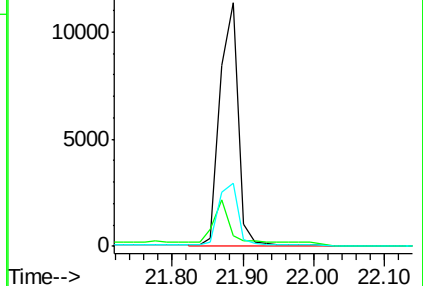
236 25.8 20.7 31.1



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: 0.325 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

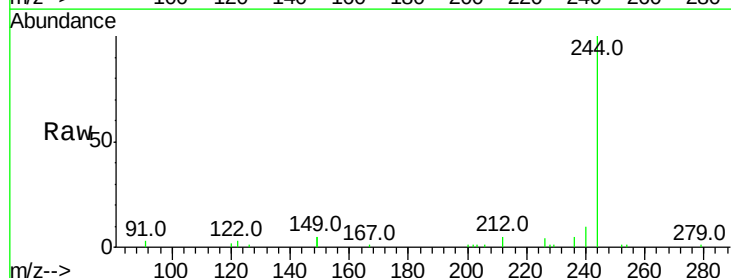
Tgt Ion:244 Resp: 12799

Ion Ratio Lower Upper

244 100

212 5.4 25.4 38.0#

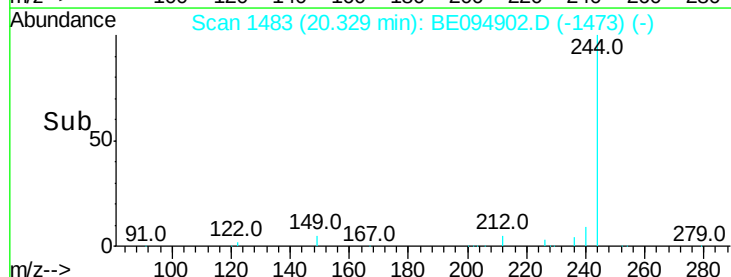
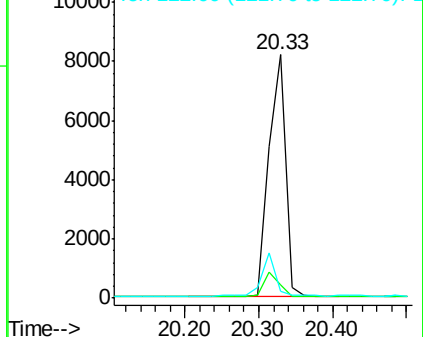
122 2.7 8.1 12.1#

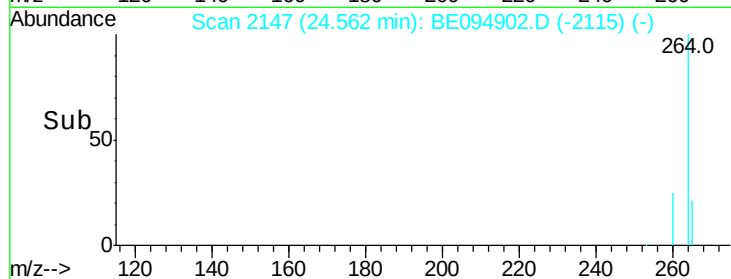
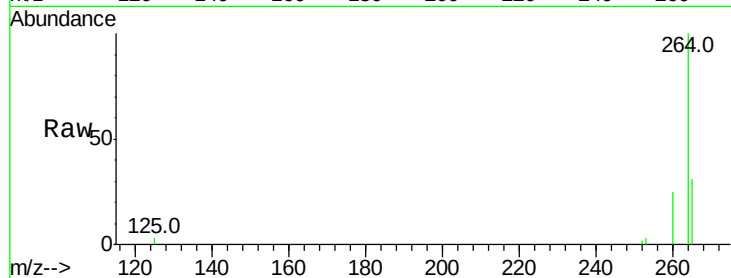
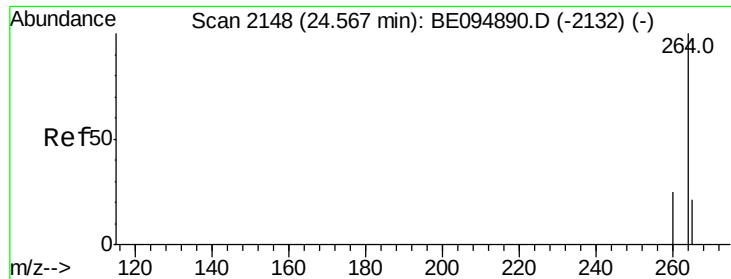


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlone-d12

Concen: 0.400 ng

RT: 24.56 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BE094902.D

Acq: 1 Dec 2017 13:08

Instrument :

BNA_E

ClientSampleId :

PB104097BL

Tot Ion:264 Resp: 18401

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

265 31.2 22.8 34.2

