

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
 Data File : BE093874.D
 Acq On : 22 Aug 2017 14:08
 Operator : SJ/JU
 Sample : PB101705BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB101705BL

Quant Time: Aug 23 01:00:40 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 14:30:21 2017
 Response via : Initial Calibration

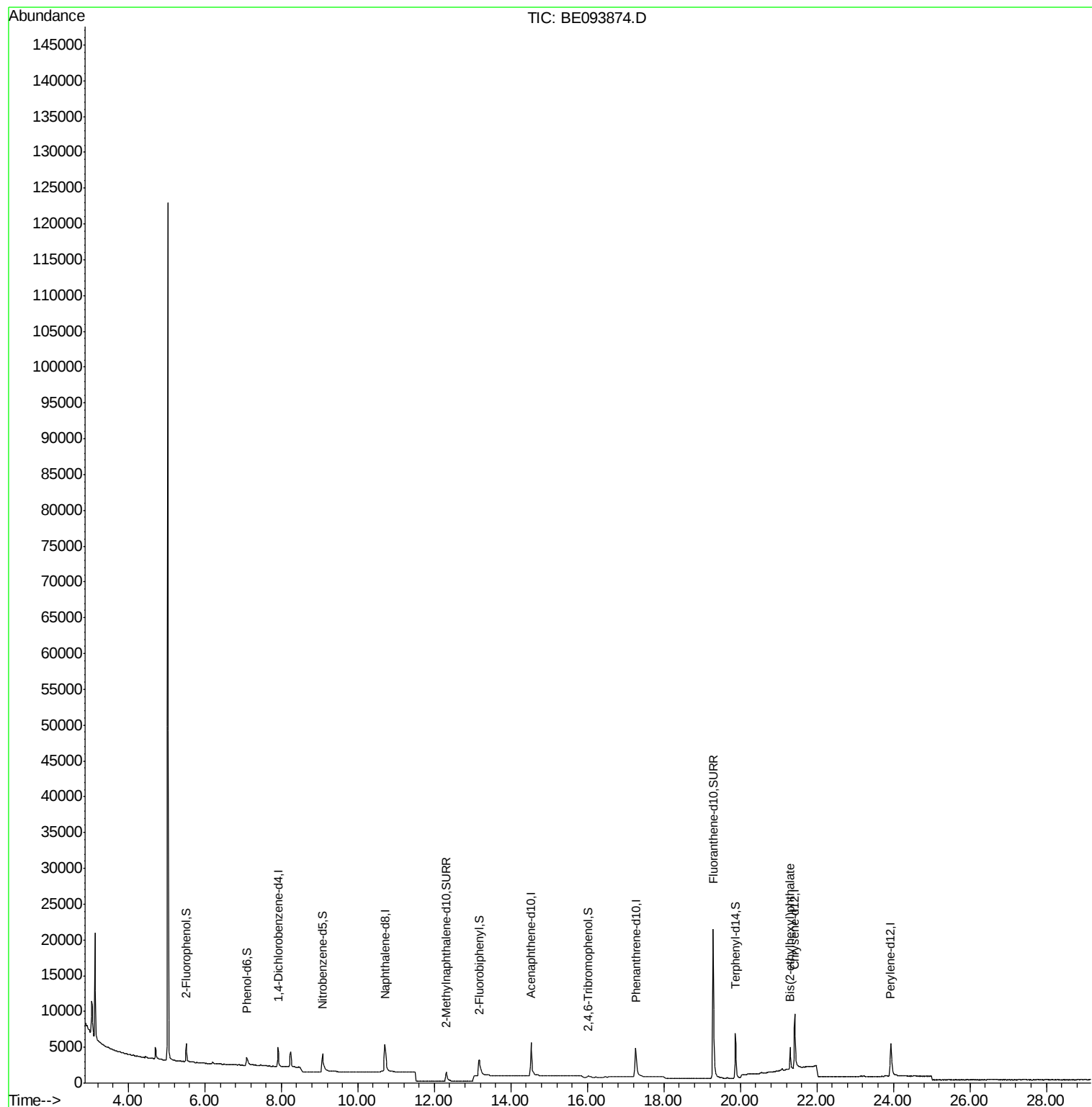
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1440	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	6545	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4066	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	9204	0.40	ng	0.03
27) Chrysene-d12	21.43	240	11263	0.40	ng	0.02
34) Perylene-d12	23.93	264	9688	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1562	0.34	ng	0.00
5) Phenol-d6	7.10	99	1935	0.27	ng	0.01
8) Nitrobenzene-d5	9.08	82	1600	0.29	ng	0.02
11) 2-Methylnaphthalene-d10	12.31	152	3501	0.33	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	235	0.21	ng	0.03
15) 2-Fluorobiphenyl	13.18	172	4308	0.27	ng	0.03
25) Fluoranthene-d10	19.29	212	41136	0.39	ng	0.01
29) Terphenyl-d14	19.87	244	7713	0.38	ng	0.01
Target Compounds						
32) Bis(2-ethylhexyl)phthalate	21.30	149	4290	0.056	ng	Qvalue # 96

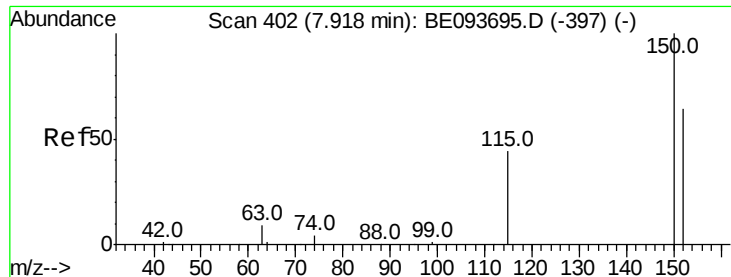
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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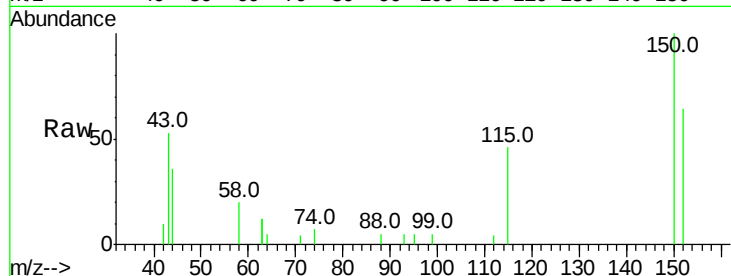


#1

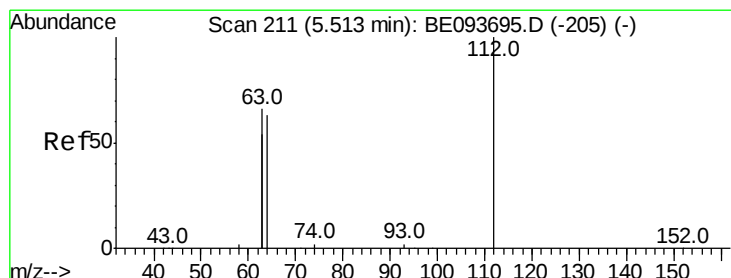
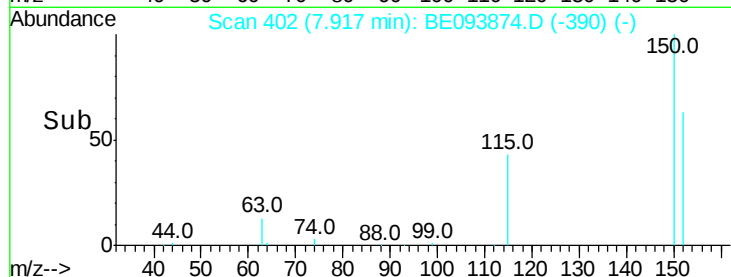
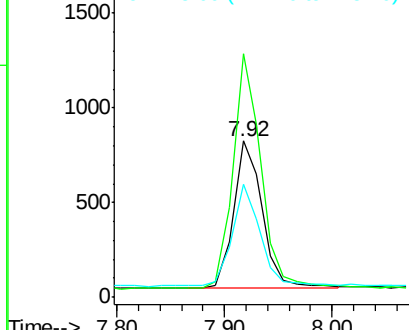
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093874.D
Acq: 22 Aug 2017 14:08

Instrument :
BNA_E
ClientSampleId :
PB101705BL

Tot Ion:152 Resp: 1440
Ion Ratio Lower Upper
152 100
150 156.1 125.1 187.7
115 72.2 55.7 83.5



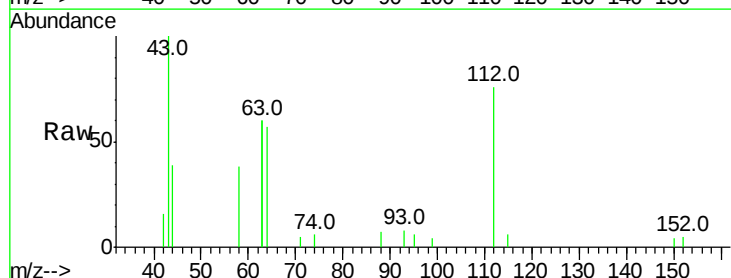
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



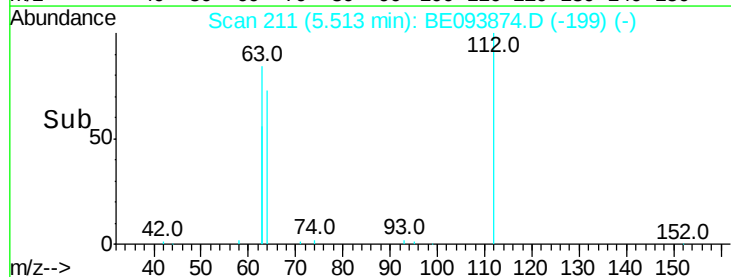
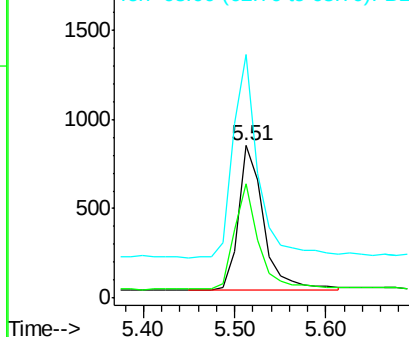
#4

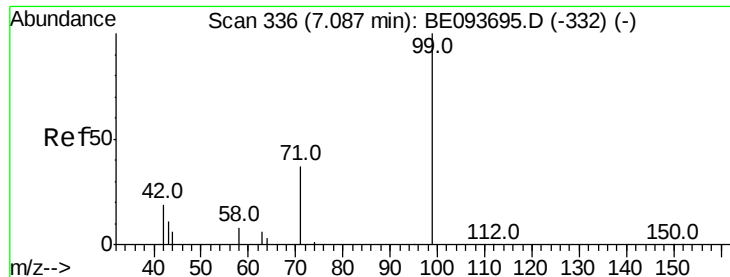
2-Fluorophenol
Concen: 0.335 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093874.D
Acq: 22 Aug 2017 14:08

Tgt Ion:112 Resp: 1562
Ion Ratio Lower Upper
112 100
64 70.3 56.4 84.6
63 139.1 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: 0.272 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Instrument :

BNA_E

ClientSampleId :

PB101705BL

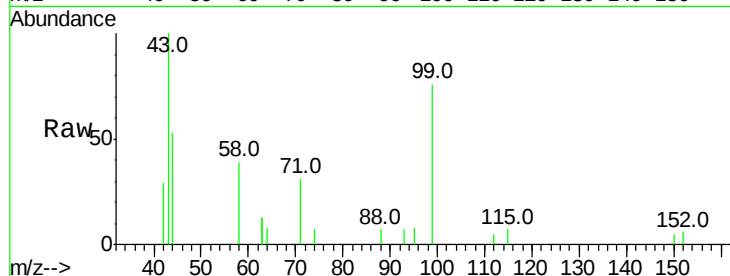
Tot Ion: 99 Resp: 1935

Ion Ratio Lower Upper

99 100

42 21.7 0.0 0.0#

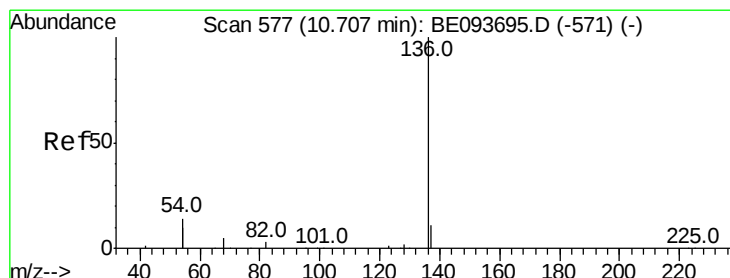
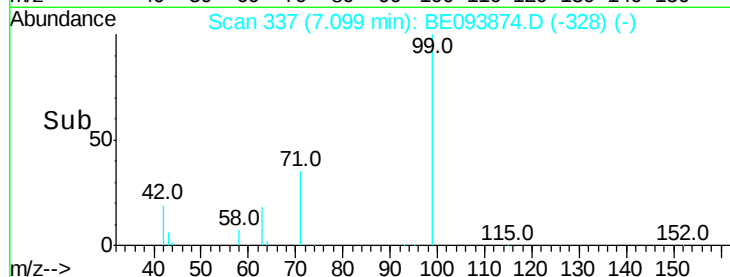
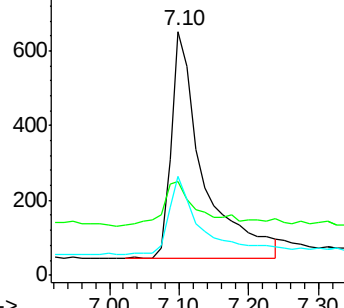
71 34.7 0.0 0.0#



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: BE093874.D

Acq: 22 Aug 2017 14:08

Tgt Ion: 136 Resp: 6545

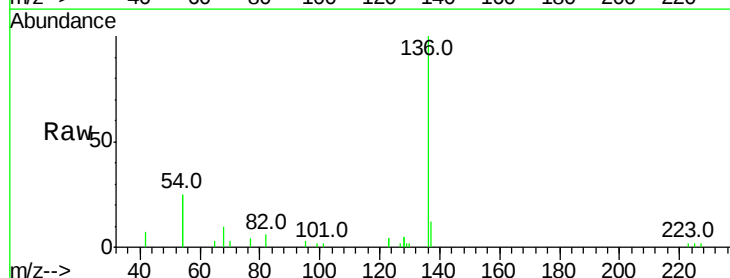
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 50.0 10.3 15.5#

68 9.6 9.0 13.4

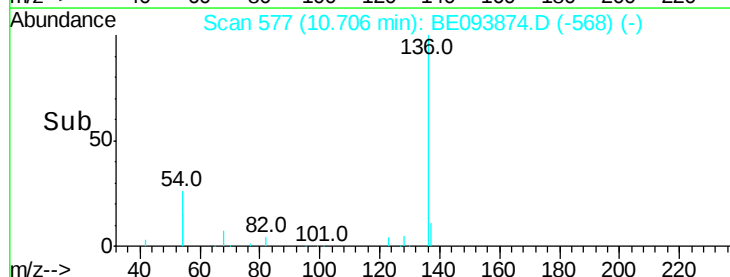
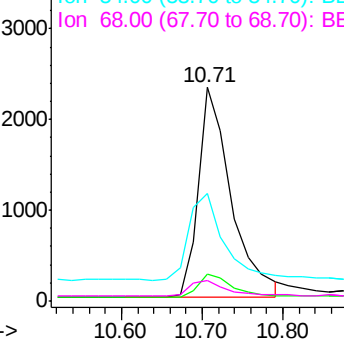


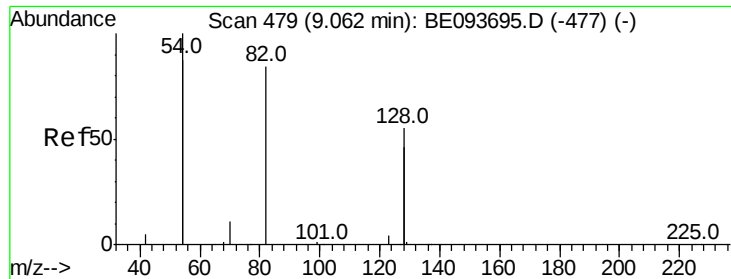
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.286 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.02 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Instrument :

BNA_E

ClientSampleId :

PB101705BL

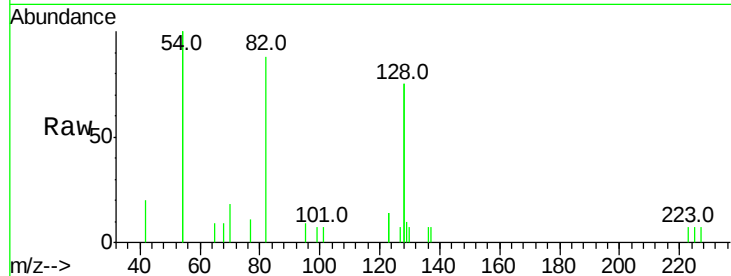
Tot Ion: 82 Resp: 1600

Ion Ratio Lower Upper

82 100

128 170.1 17.0 25.4#

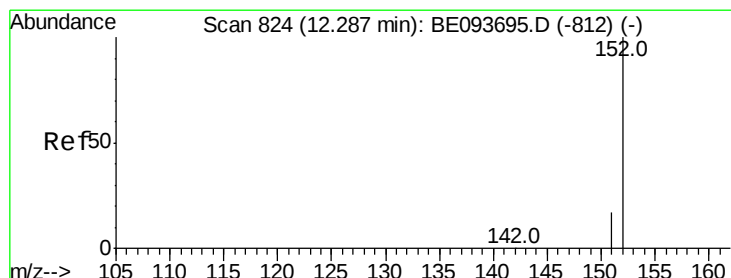
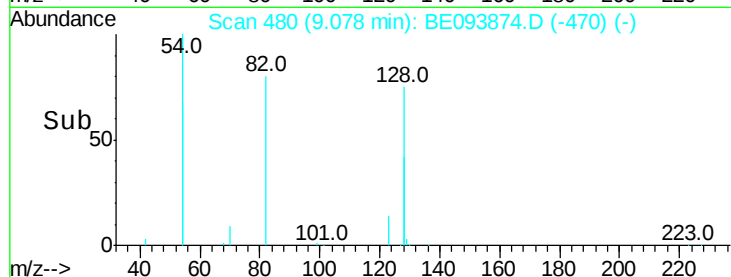
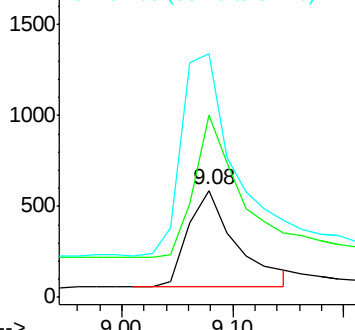
54 227.5 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093695.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE093695.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE093695.D (-477) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.31 min Scan# 829

Delta R.T. 0.02 min

Lab File: BE093874.D

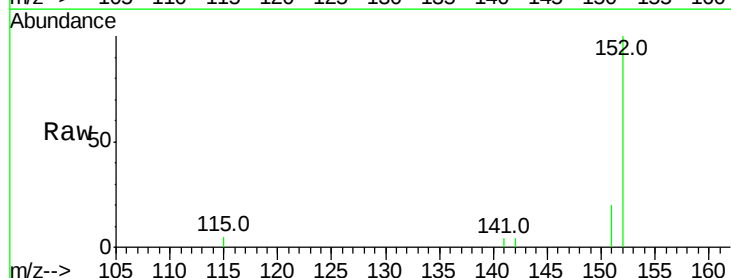
Acq: 22 Aug 2017 14:08

Tgt Ion: 152 Resp: 3501

Ion Ratio Lower Upper

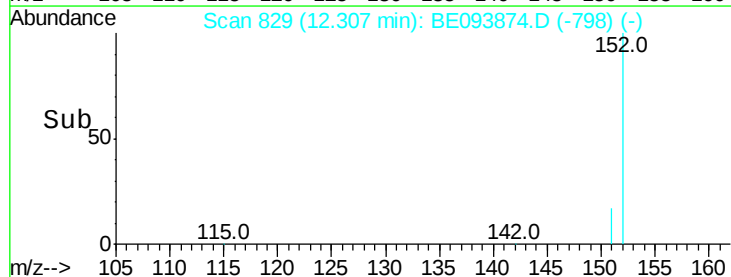
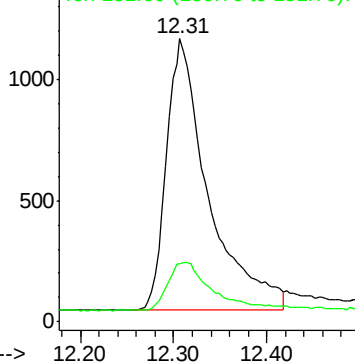
152 100

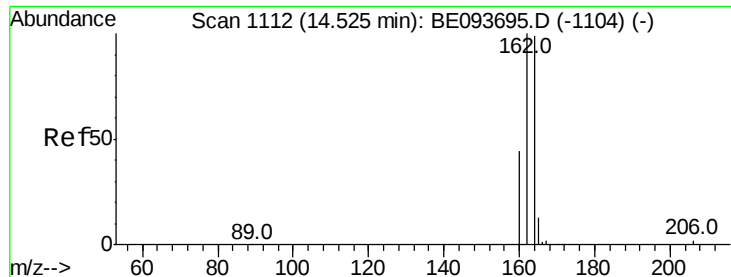
151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093695.D (-812) (-)

Ion 151.00 (150.70 to 151.70): BE093695.D (-812) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Instrument :

BNA_E

ClientSampleId :

PB101705BL

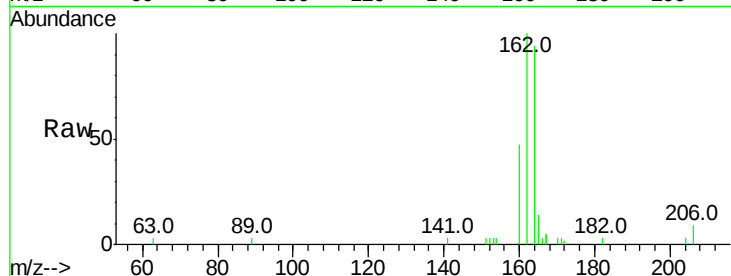
Tot Ion:164 Resp: 4066

Ion Ratio Lower Upper

164 100

162 106.3 84.6 127.0

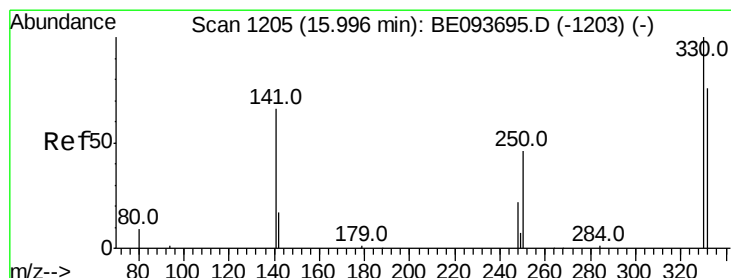
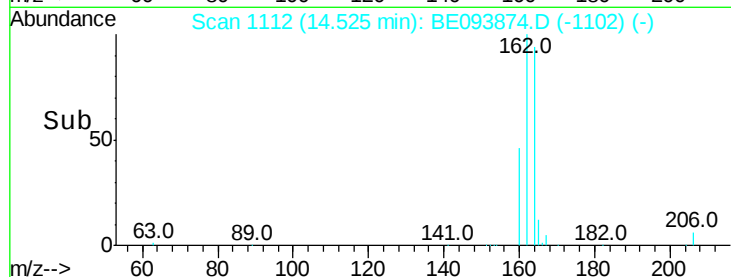
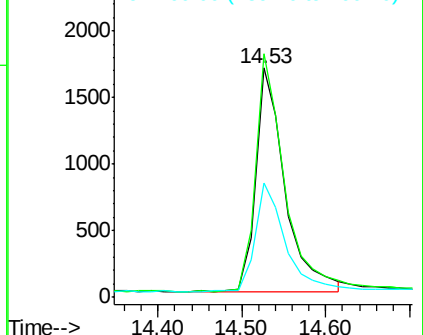
160 50.2 41.8 62.6



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: 0.211 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

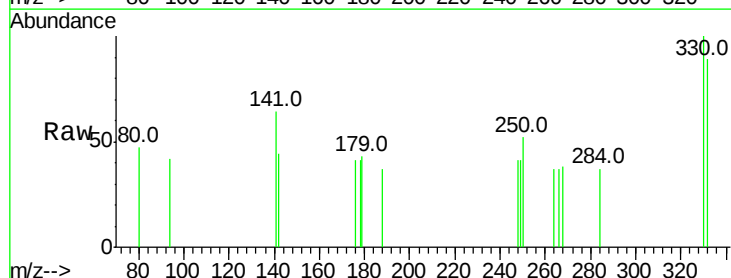
Tgt Ion:330 Resp: 235

Ion Ratio Lower Upper

330 100

332 89.8 77.7 116.5

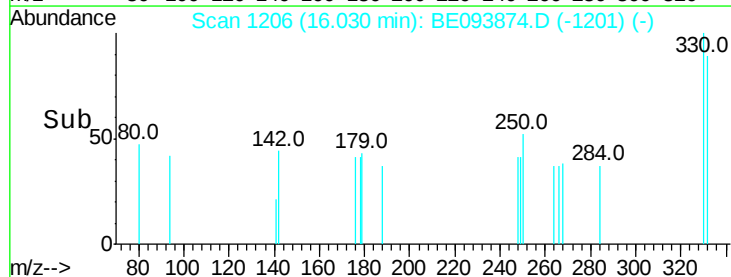
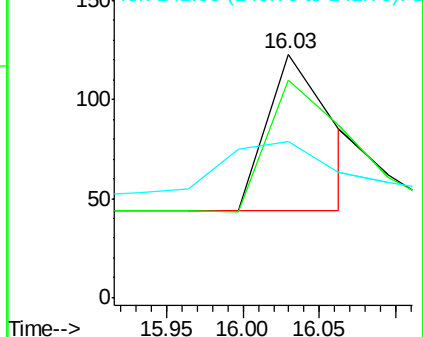
141 49.8 56.2 84.4#

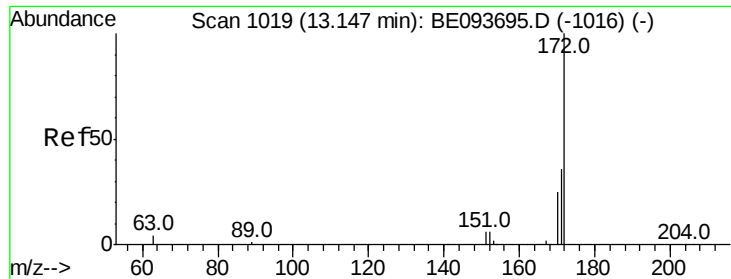


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

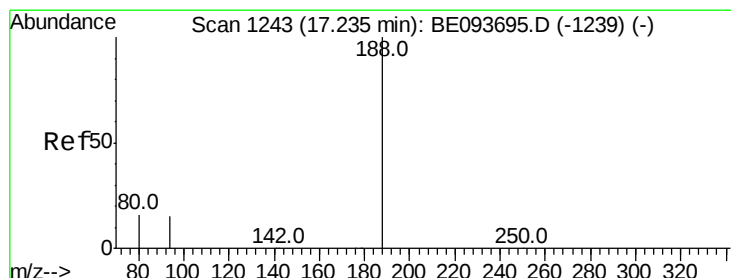
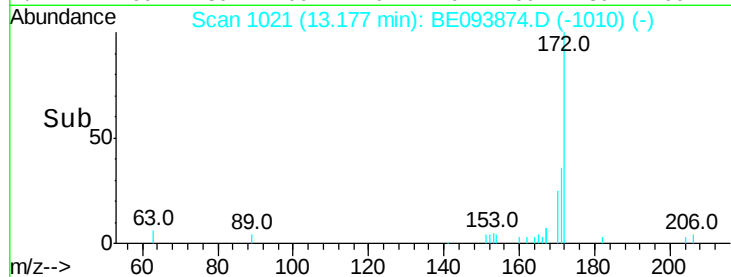
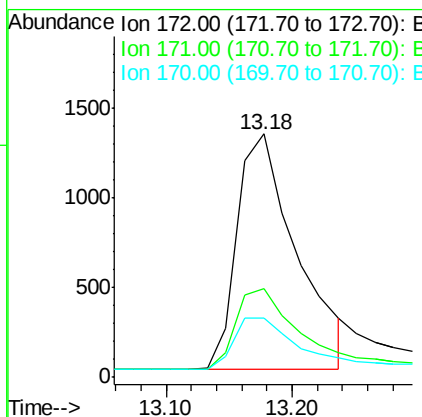
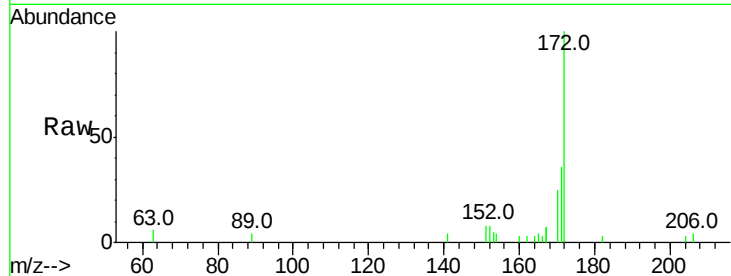




#15
2-Fluorobiphenyl
Concen: 0.269 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.03 min
Lab File: BE093874.D
Acq: 22 Aug 2017 14:08

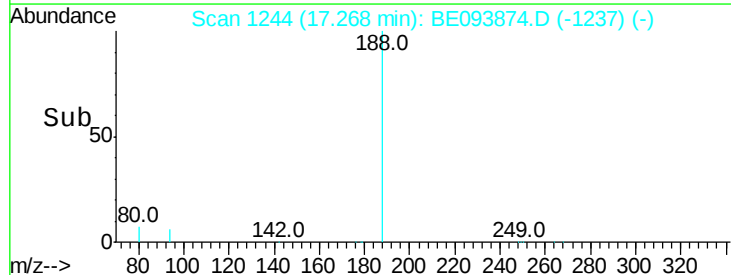
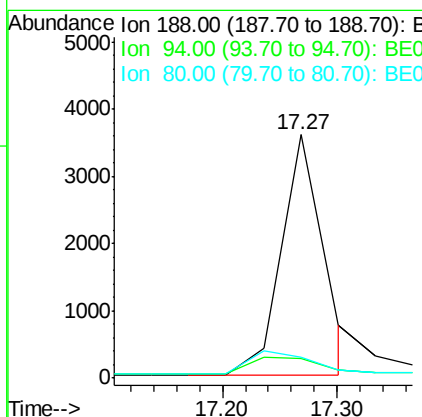
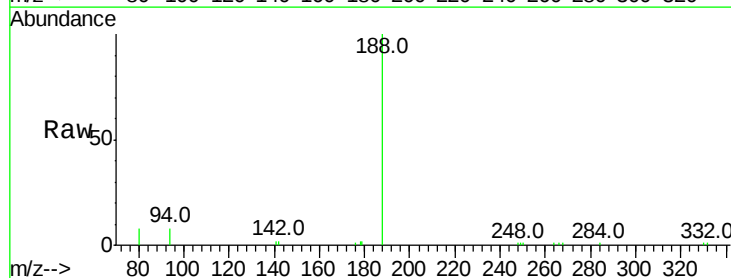
Instrument :
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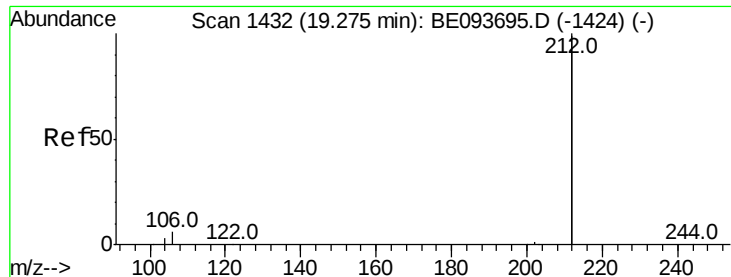
Tot Ion:172 Resp: 4308
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 24.6 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE093874.D
Acq: 22 Aug 2017 14:08

Tgt Ion:188 Resp: 9204
Ion Ratio Lower Upper
188 100
94 7.9 11.3 16.9#
80 8.3 11.7 17.5#

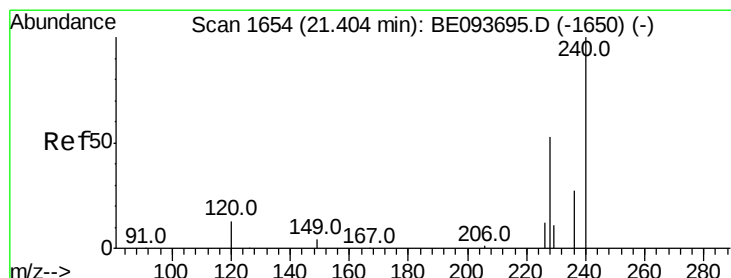
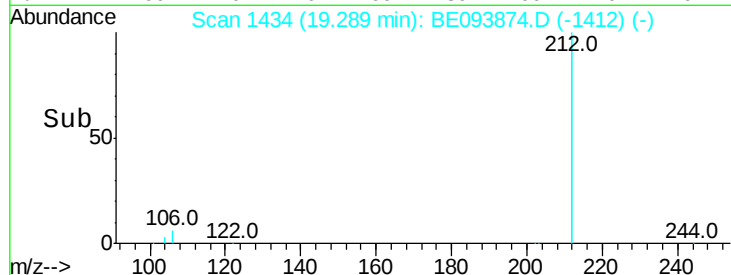
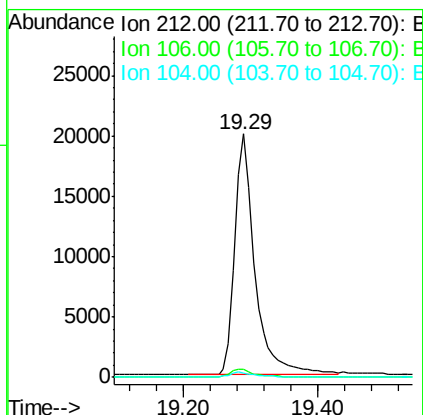
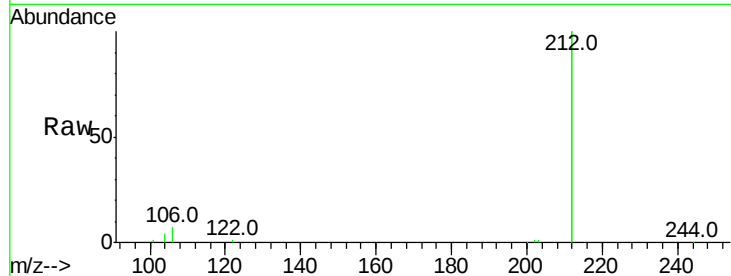




#25
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BE093874.D
 Acq: 22 Aug 2017 14:08

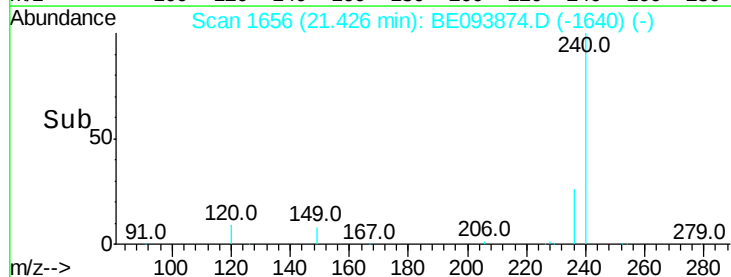
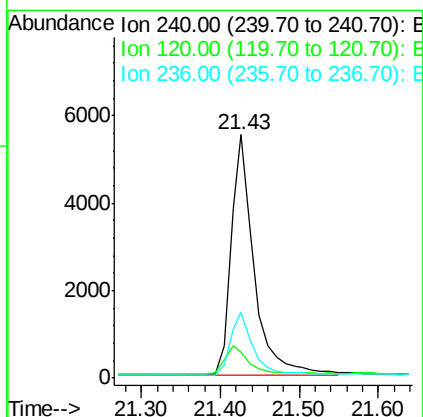
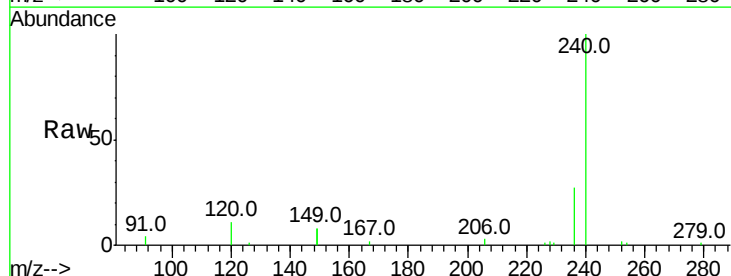
Instrument :
 BNA_E
 ClientSampleId :
 PB101705BL

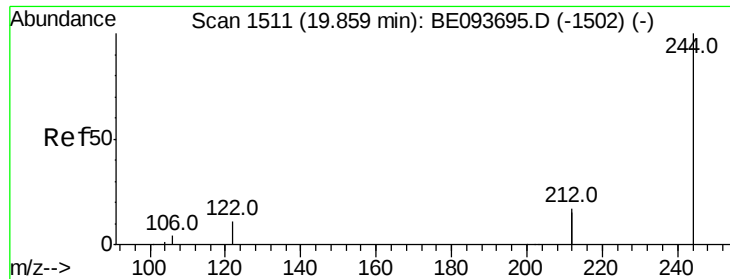
Tot Ion:212 Resp: 41136
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.4 3.6
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. 0.02 min
 Lab File: BE093874.D
 Acq: 22 Aug 2017 14:08

Tgt Ion:240 Resp: 11263
 Ion Ratio Lower Upper
 240 100
 120 10.6 4.6 7.0#
 236 26.9 20.8 31.2





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Instrument :

BNA_E

ClientSampleId :

PB101705BL

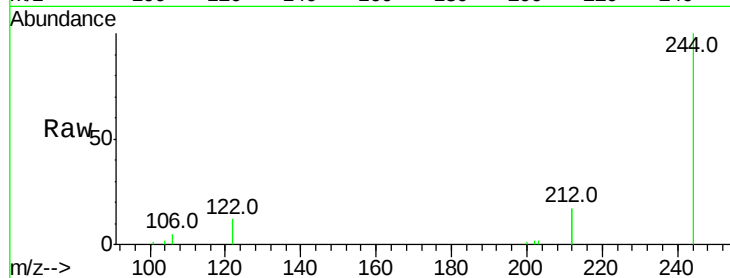
Tot Ion:244 Resp: 7713

Ion Ratio Lower Upper

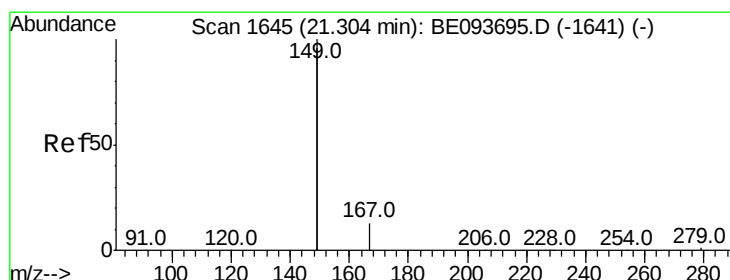
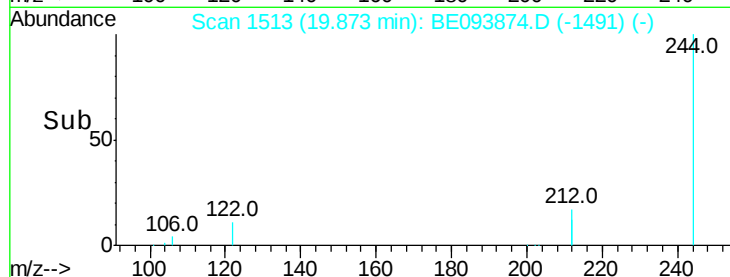
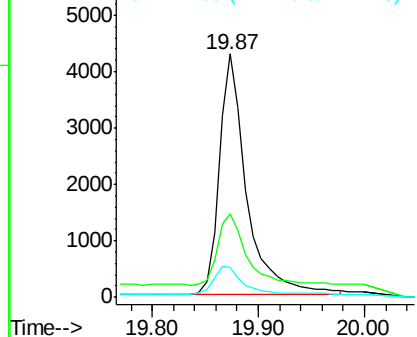
244 100

212 34.6 10.6 16.0#

122 12.3 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.056 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

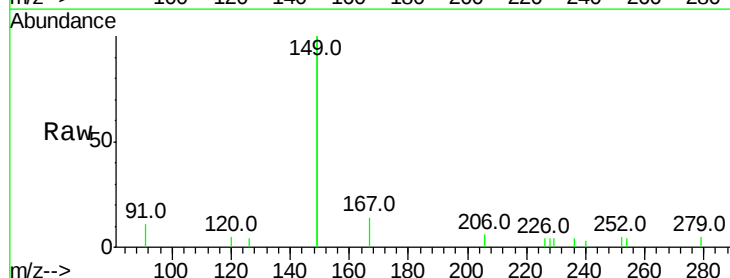
Tgt Ion:149 Resp: 4290

Ion Ratio Lower Upper

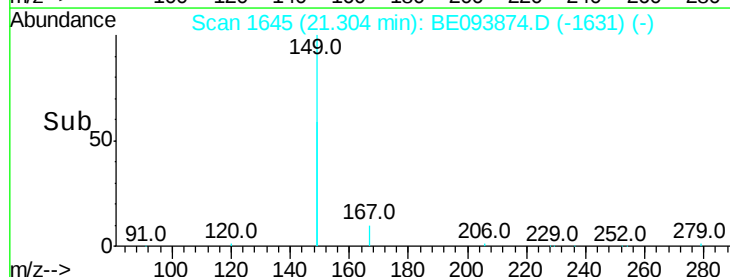
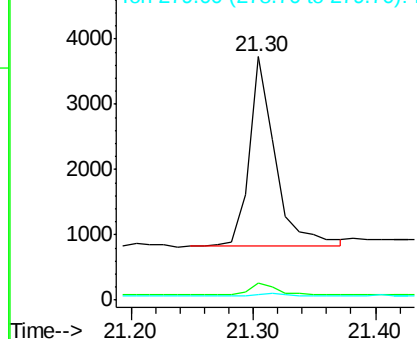
149 100

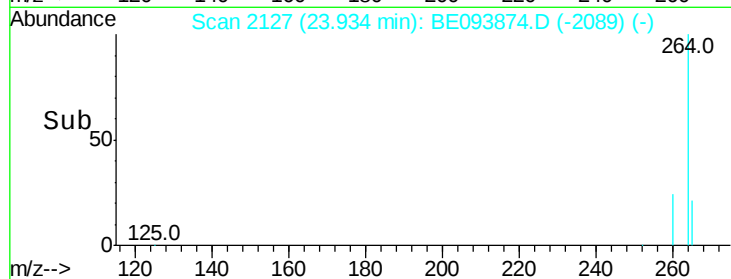
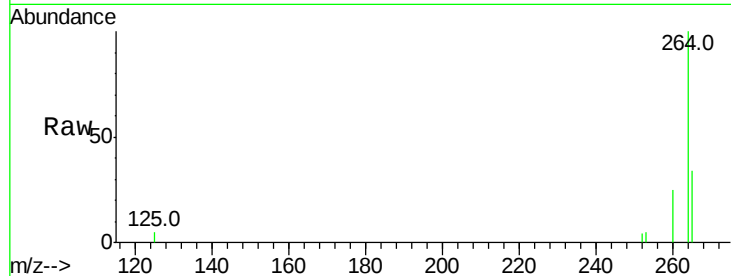
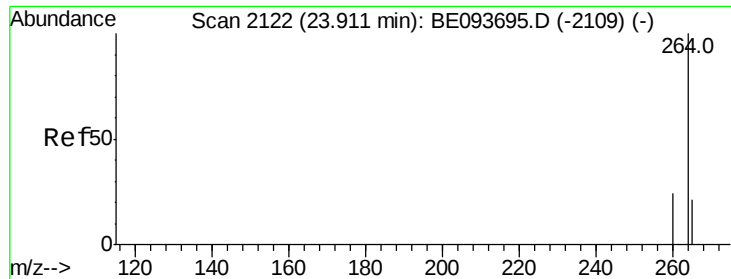
167 7.6 4.8 7.2#

279 1.7 0.8 1.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2127

Delta R.T. 0.02 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Instrument :

BNA_E

ClientSampleId :

PB101705BL

Tot Ion:264 Resp: 9688

Ion Ratio Lower Upper

264 100

260 25.1 21.0 31.4

265 33.5 24.6 36.8

