

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093478.D
 Acq On : 19 Jul 2017 11:00
 Operator : SJ/JU
 Sample : PB100678BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB100678BL

Quant Time: Jul 20 13:52:18 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3187	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	13264	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	6370	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	14080	0.40	ng	0.00
27) Chrysene-d12	21.42	240	25115	0.40	ng	-0.01
34) Perylene-d12	23.93	264	15546	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	4114	0.43	ng	0.00
5) Phenol-d6	7.10	99	5480	0.39	ng	0.00
8) Nitrobenzene-d5	9.08	82	4200	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8142	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	532	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	11370	0.46	ng	-0.01
25) Fluoranthene-d10	19.28	212	101979	0.60	ng	0.00
29) Terphenyl-d14	19.87	244	18697	0.42	ng	0.00

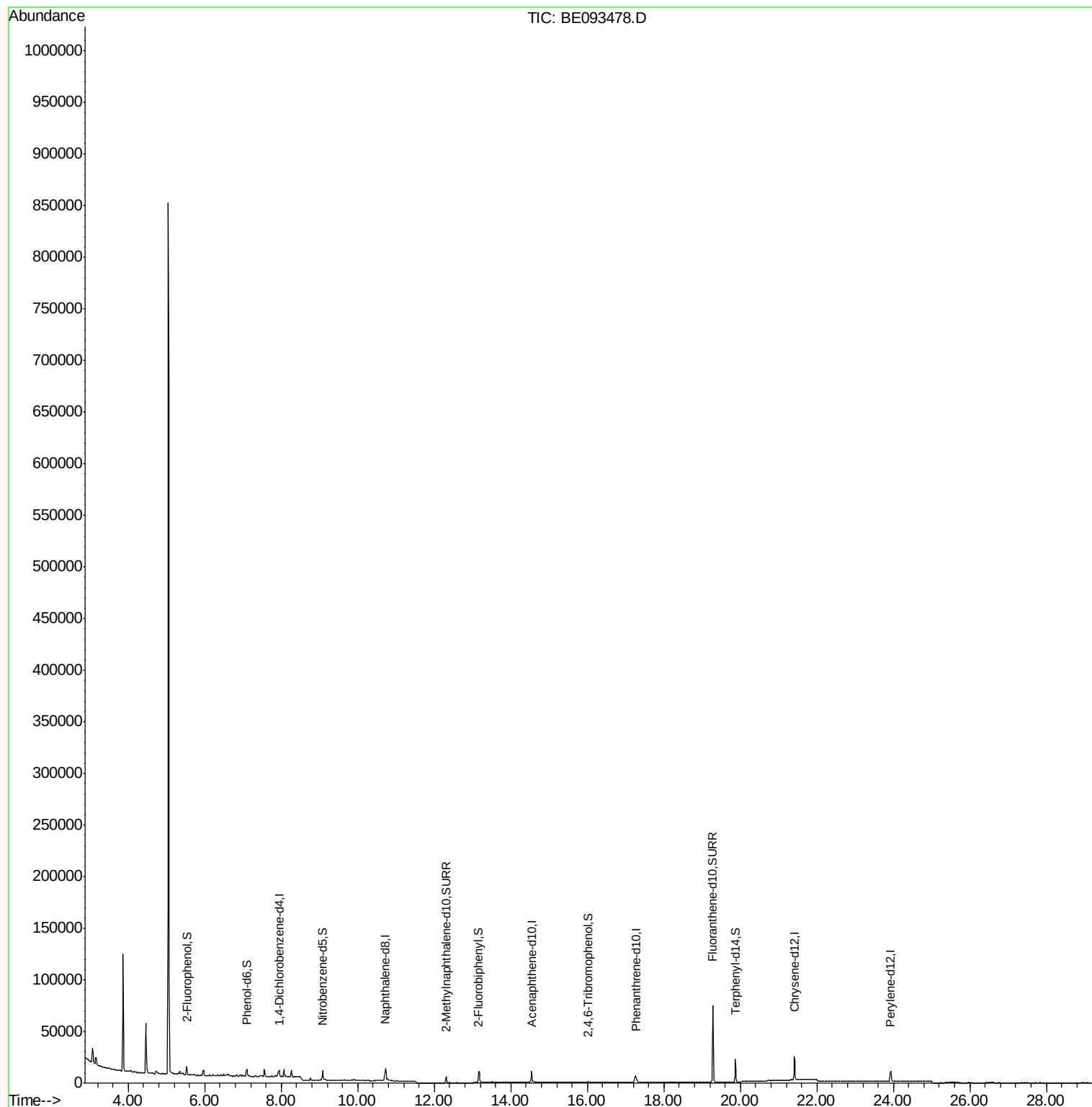
Target Compounds	Qvalue
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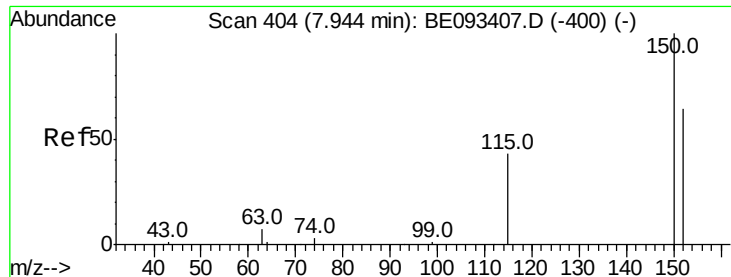
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.00 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

Instrument :

BNA_E

ClientSampleId :

PB100678BL

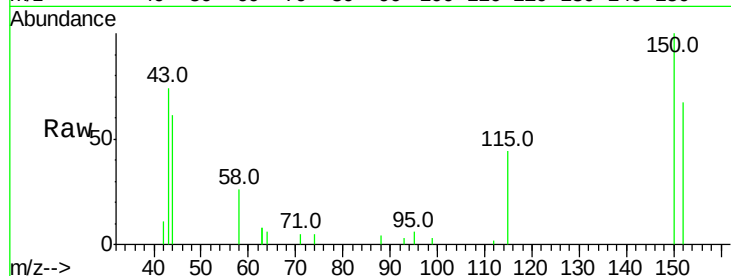
Tot Ion:152 Resp: 3187

Ion Ratio Lower Upper

152 100

150 149.0 125.1 187.7

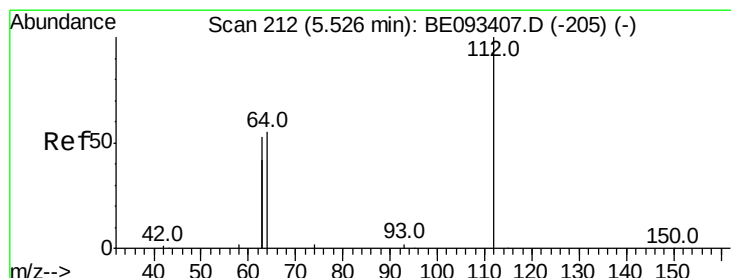
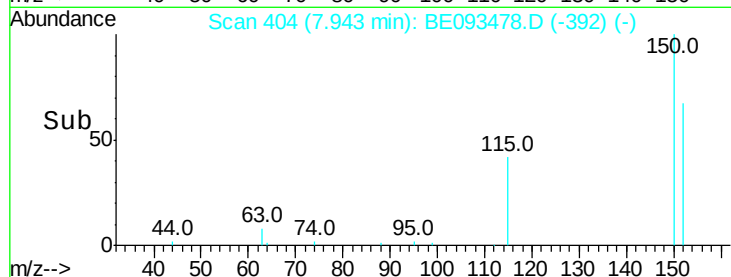
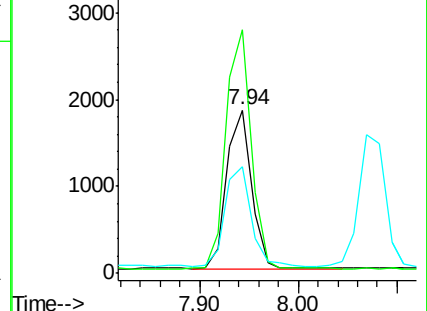
115 65.2 55.7 83.5



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: 0.428 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

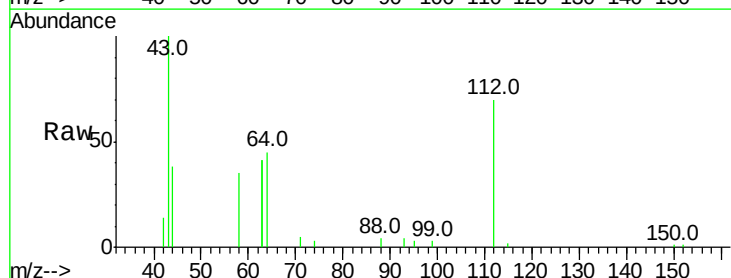
Tgt Ion:112 Resp: 4114

Ion Ratio Lower Upper

112 100

64 73.8 56.4 84.6

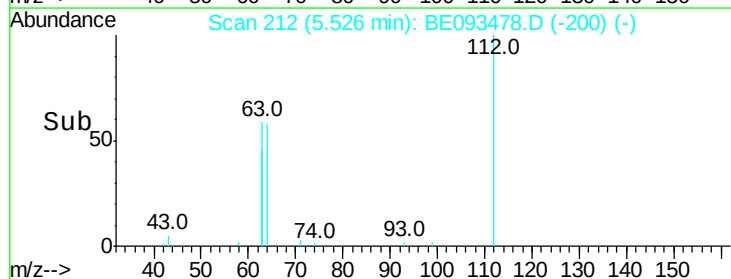
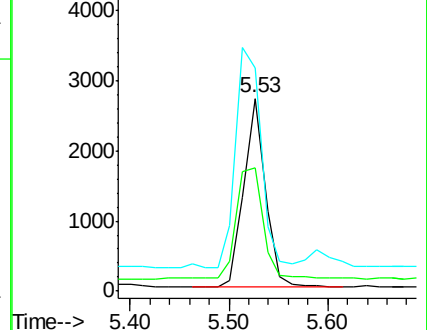
63 136.6 29.3 43.9#

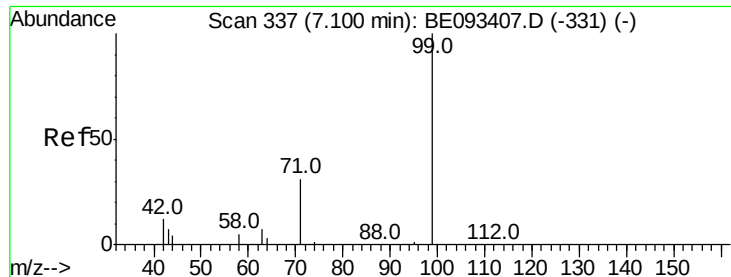


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.386 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

Instrument :

BNA_E

ClientSampleId :

PB100678BL

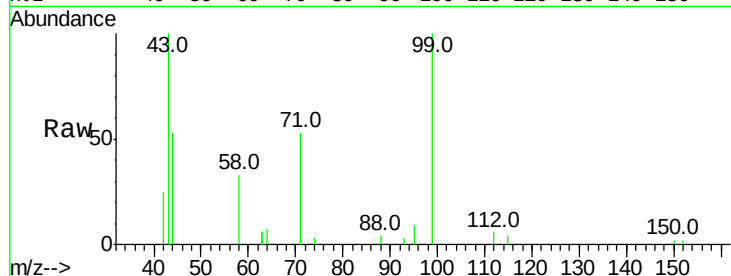
Tot Ion: 99 Resp: 5480

Ion Ratio Lower Upper

99 100

42 25.1 0.0 0.0#

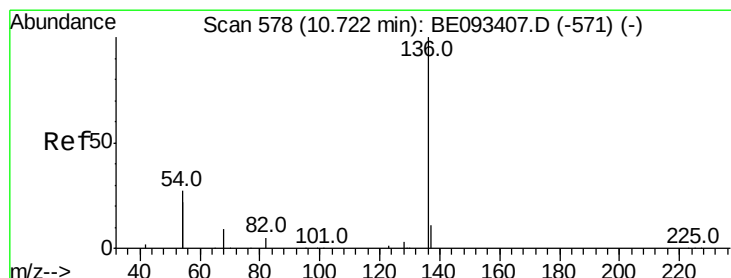
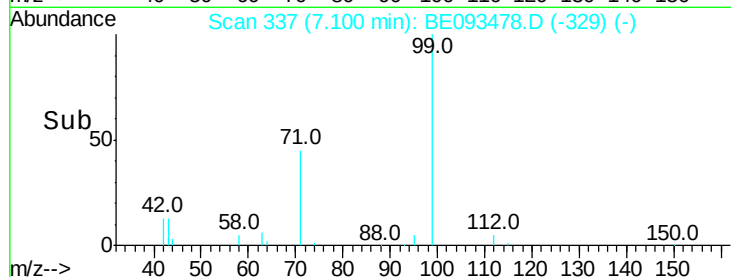
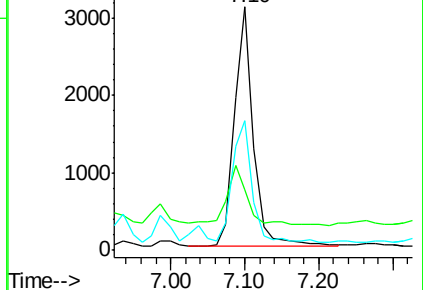
71 53.2 0.0 0.0#



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: 10.72 min Scan# 578

Delta R.T. -0.00 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

Tgt Ion: 136 Resp: 13264

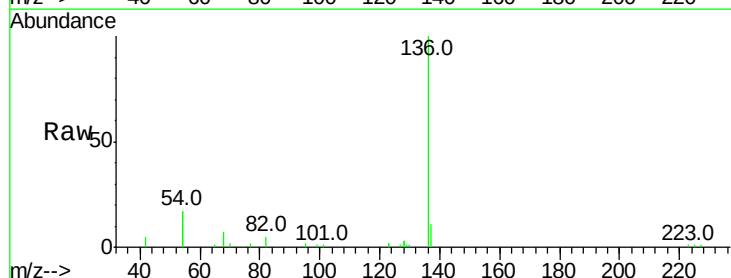
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 34.8 10.3 15.5#

68 7.3 9.0 13.4#

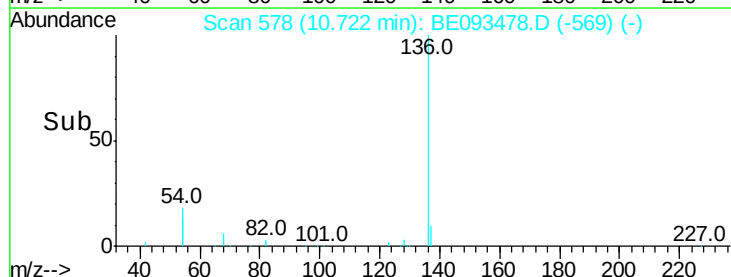
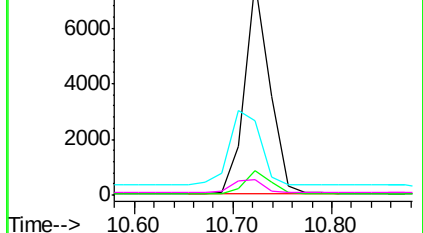


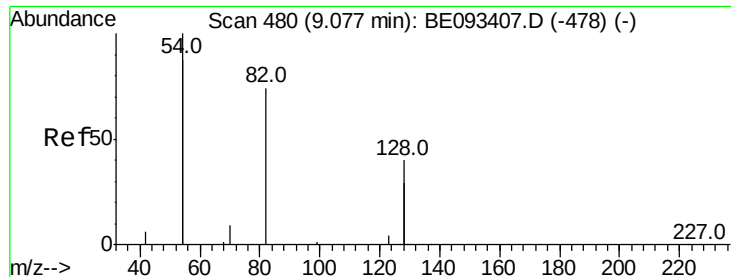
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.496 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

Instrument :

BNA_E

ClientSampleId :

PB100678BL

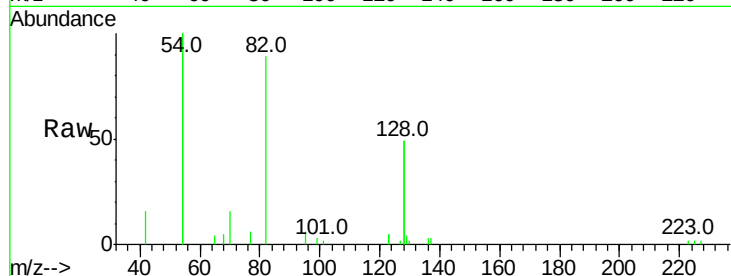
Tot Ion: 82 Resp: 4200

Ion Ratio Lower Upper

82 100

128 110.4 17.0 25.4#

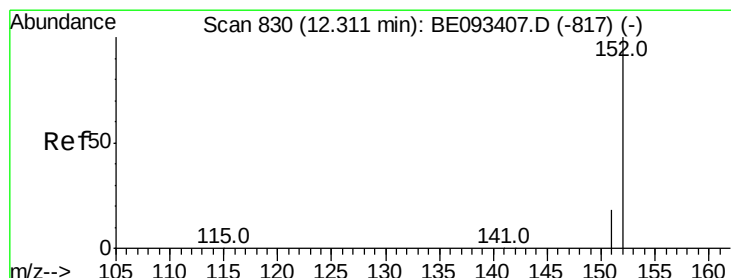
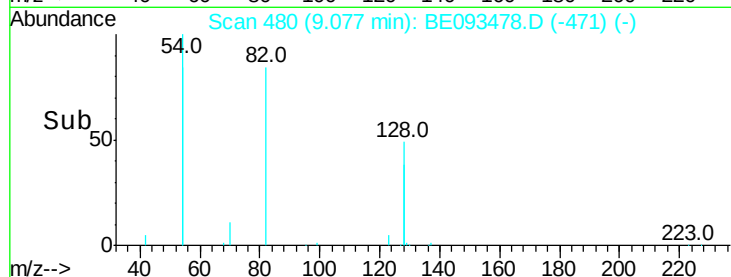
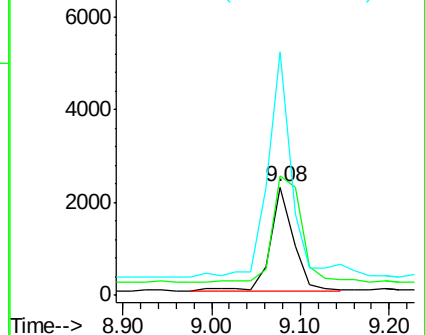
54 224.8 53.8 80.6#



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: 0.385 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093478.D

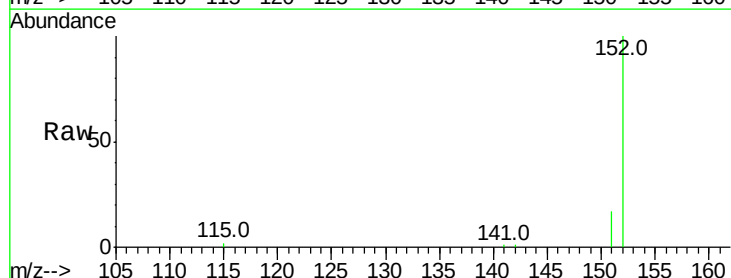
Acq: 19 Jul 2017 11:00

Tgt Ion: 152 Resp: 8142

Ion Ratio Lower Upper

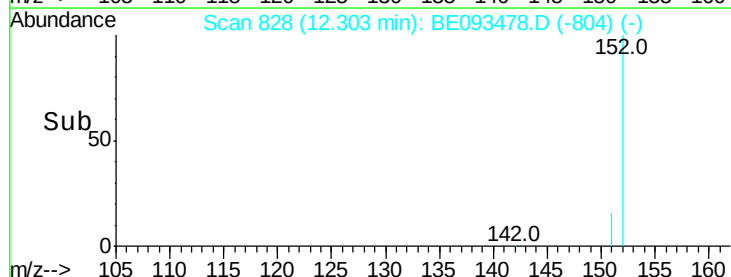
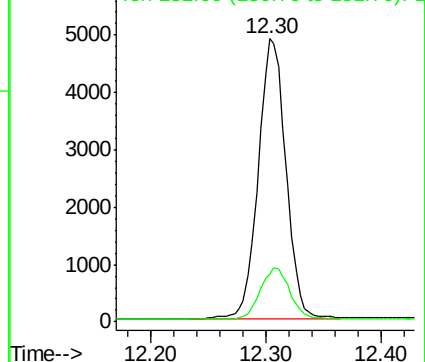
152 100

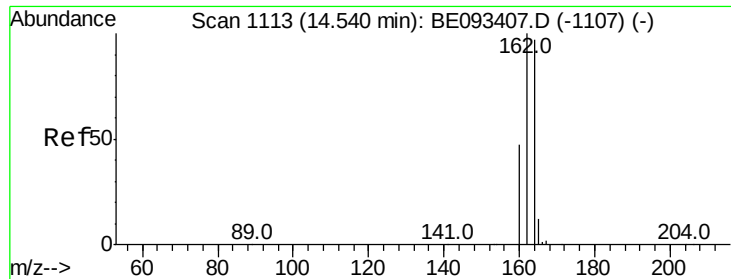
151 19.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

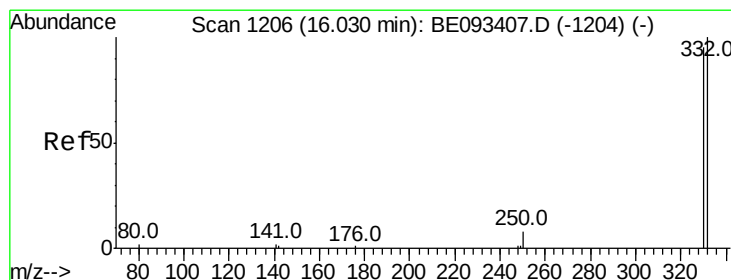
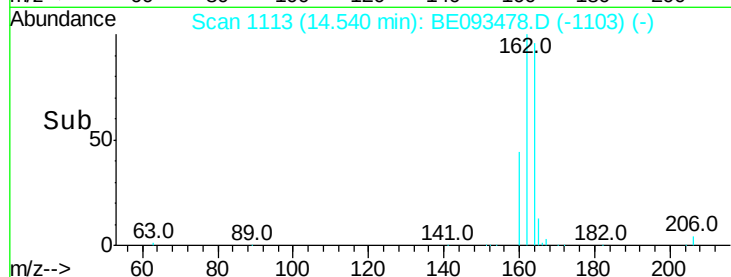
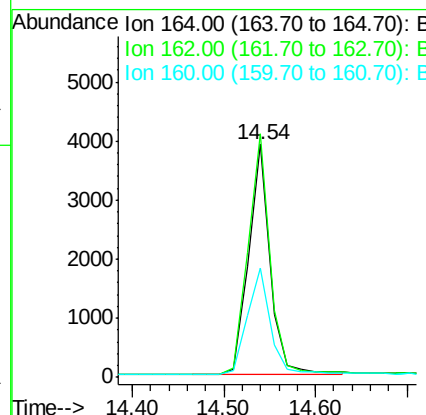
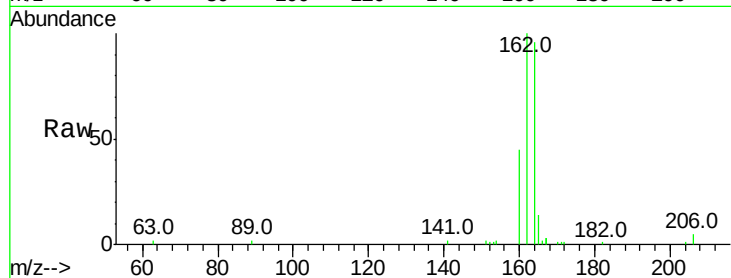




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BE093478.D
 Acq: 19 Jul 2017 11:00

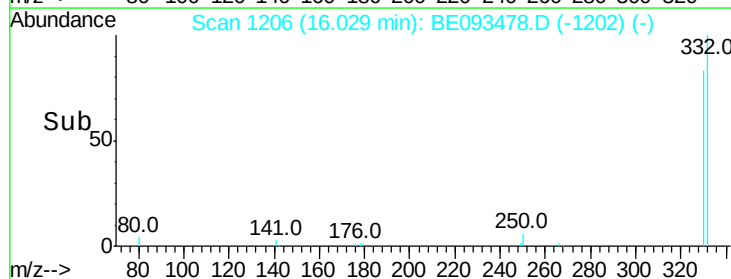
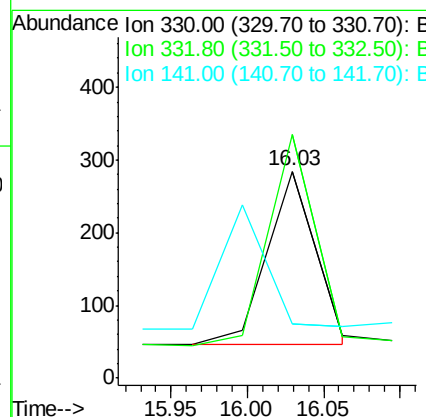
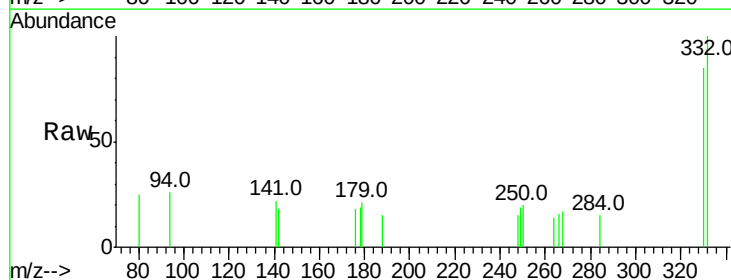
Instrument :
 BNA_E
 ClientSampleId :
 PB100678BL

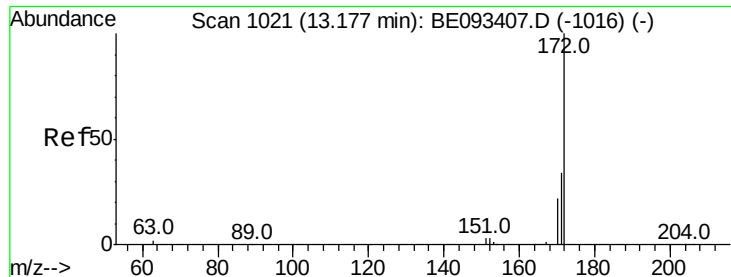
Tot Ion:164 Resp: 6370
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.6 127.0
 160 46.9 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.266 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093478.D
 Acq: 19 Jul 2017 11:00

Tgt Ion:330 Resp: 532
 Ion Ratio Lower Upper
 330 100
 332 116.2 77.7 116.5
 141 0.0 56.2 84.4#

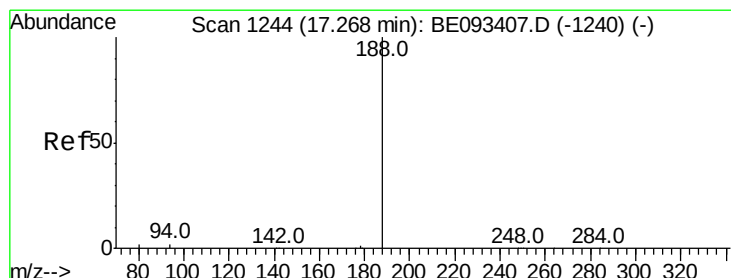
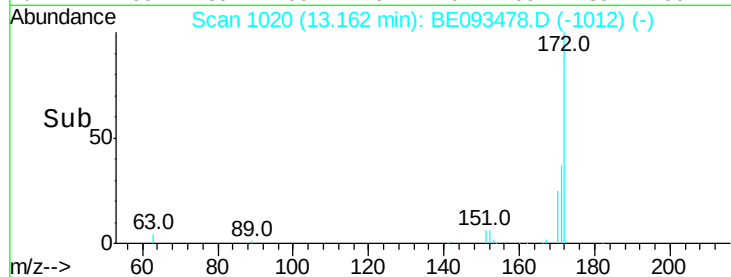
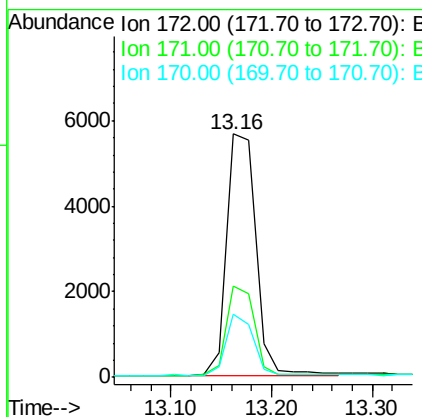
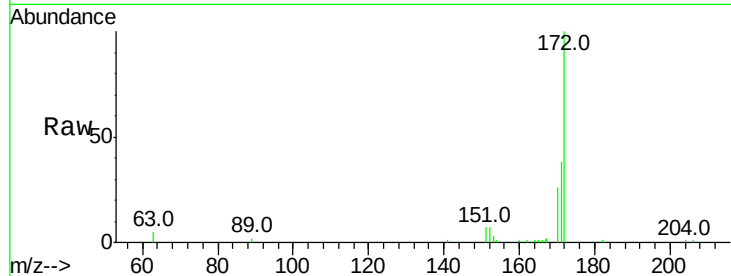




#15
2-Fluorobiphenyl
Concen: 0.460 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE093478.D
Acq: 19 Jul 2017 11:00

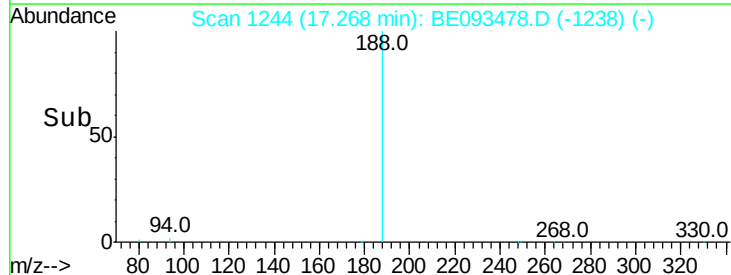
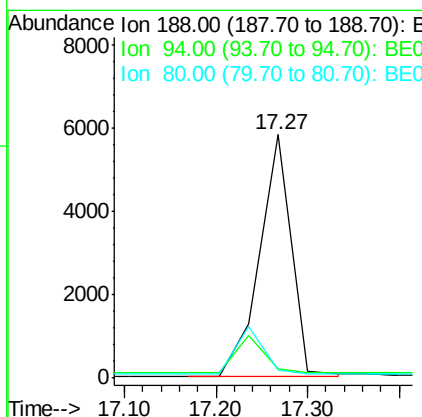
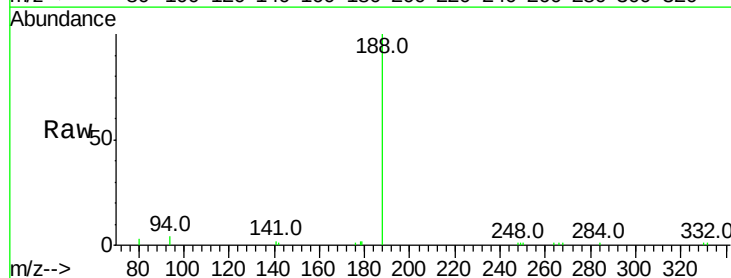
Instrument :
BNA_E
ClientSampleId :
PB100678BL

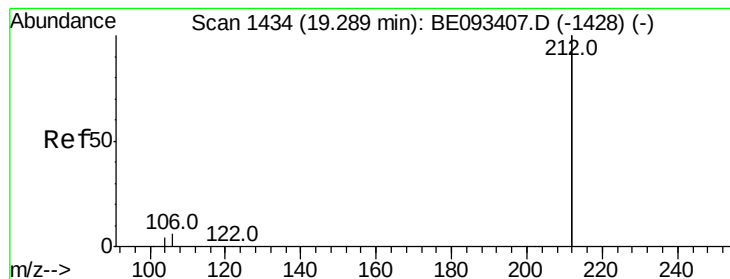
Tot Ion:172 Resp: 11370
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 26.1 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093478.D
Acq: 19 Jul 2017 11:00

Tgt Ion:188 Resp: 14080
Ion Ratio Lower Upper
188 100
94 3.9 11.3 16.9#
80 3.2 11.7 17.5#





#25

Fluoranthene-d10

Concen: 0.601 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

Instrument :

BNA_E

ClientSampleId :

PB100678BL

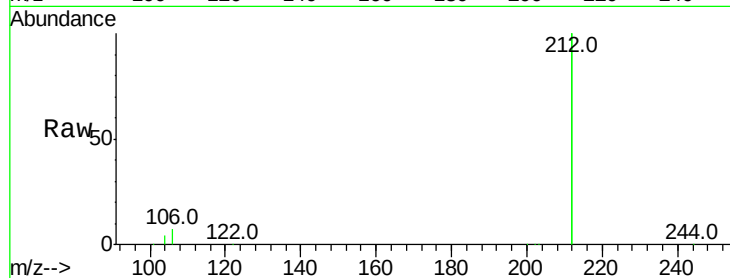
Tot Ion:212 Resp: 101979

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

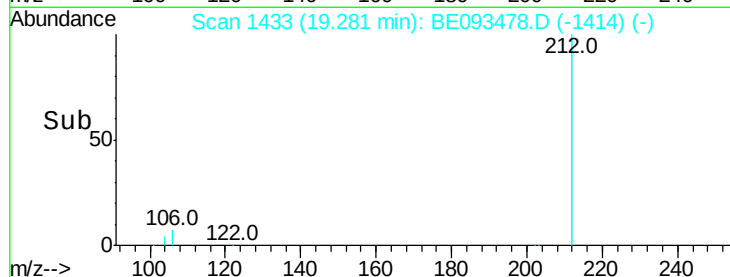
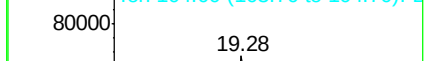
104 1.9 1.6 2.4



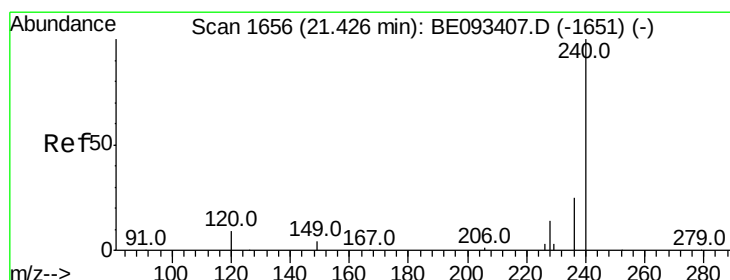
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

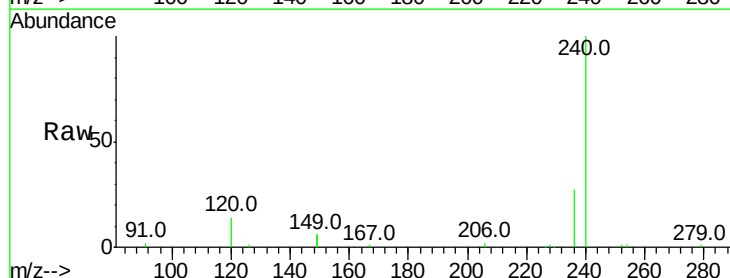
Tgt Ion:240 Resp: 25115

Ion Ratio Lower Upper

240 100

120 14.4 4.6 7.0#

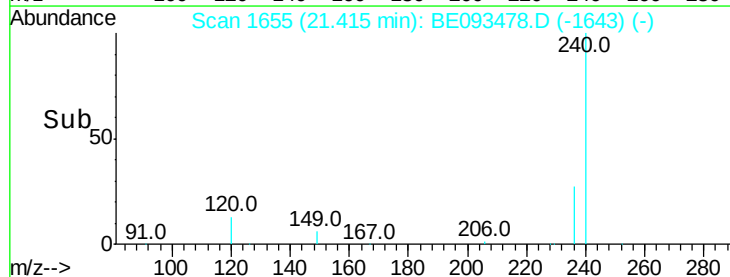
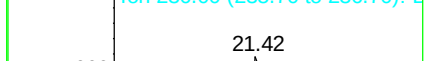
236 27.3 20.8 31.2



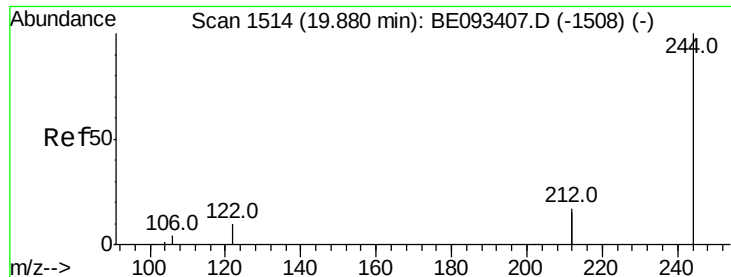
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

Instrument :

BNA_E

ClientSampleId :

PB100678BL

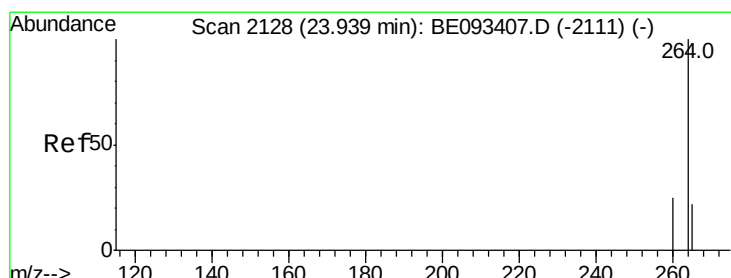
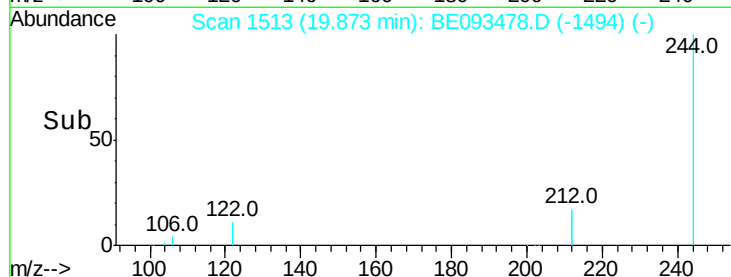
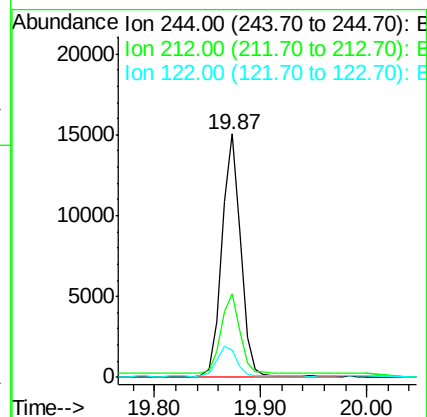
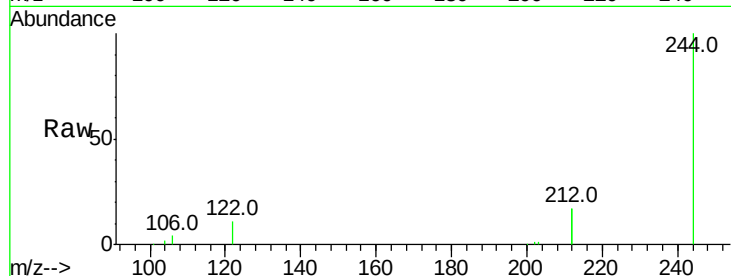
Tot Ion:244 Resp: 18697

Ion Ratio Lower Upper

244 100

212 34.3 10.6 16.0#

122 11.2 15.4 23.0#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

Tgt Ion:264 Resp: 15546

Ion Ratio Lower Upper

264 100

260 25.6 21.0 31.4

265 35.0 24.6 36.8

