

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091117\
 Data File : BE093977.D
 Acq On : 11 Sep 2017 23:57
 Operator : SJ/JU
 Sample : I5165-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 45BR-20170907

Quant Time: Sep 12 08:35:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

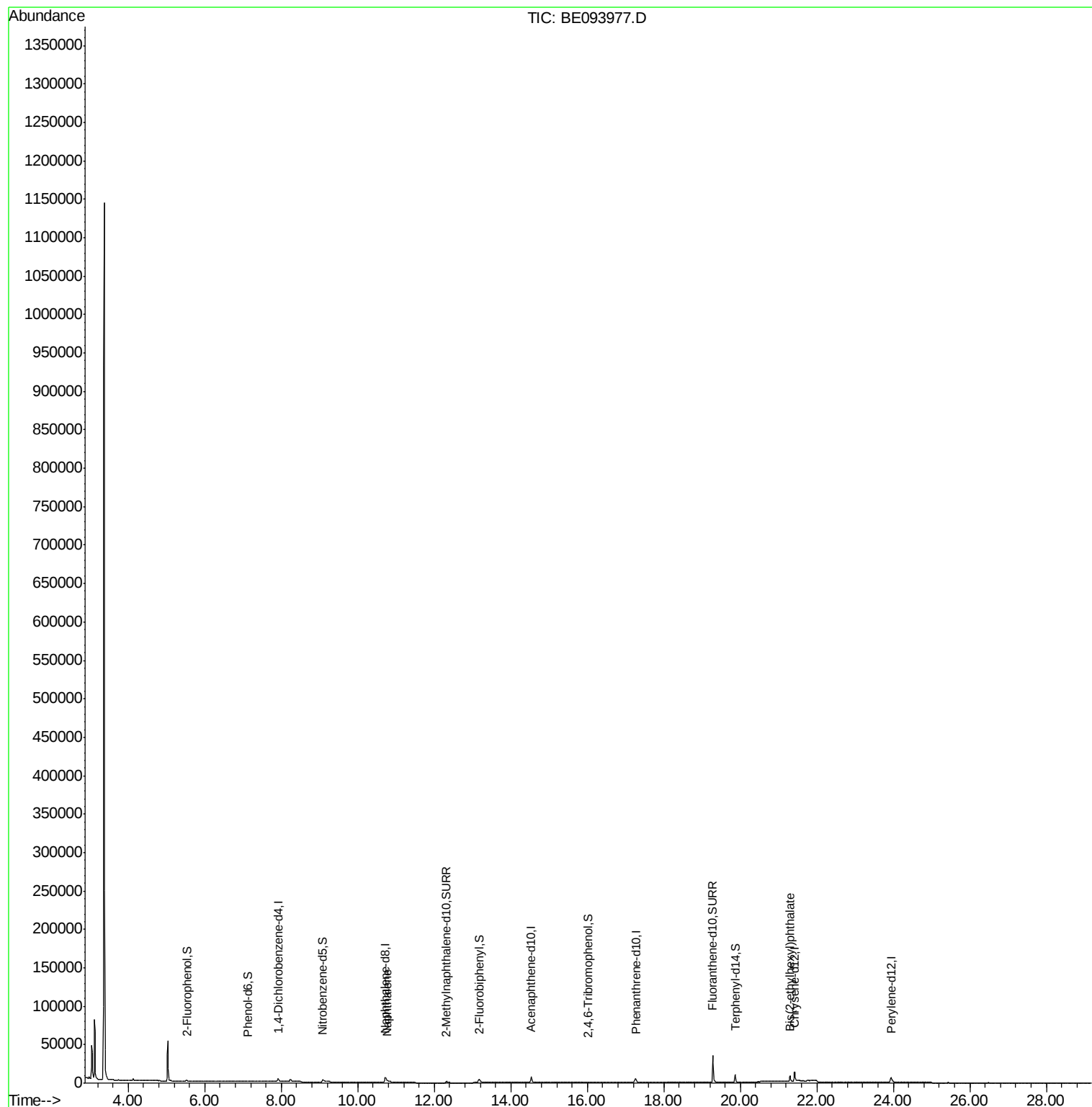
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2279	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	11338	0.40	ng	0.02
13) Acenaphthene-d10	14.52	164	6818	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	14028	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17465	0.40	ng	0.00
34) Perylene-d12	23.94	264	13448	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	841	0.11	ng	0.00
5) Phenol-d6	7.12	99	667	0.06	ng	0.01
8) Nitrobenzene-d5	9.08	82	2751	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	5485	0.30	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	581	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	7601	0.28	ng	0.02
25) Fluoranthene-d10	19.28	212	60161	0.29	ng	0.00
29) Terphenyl-d14	19.87	244	12040	0.37	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	2750	0.021	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.30	149	9252	0.071	ng	# 100

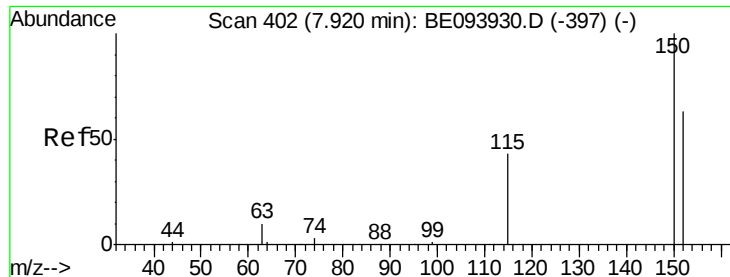
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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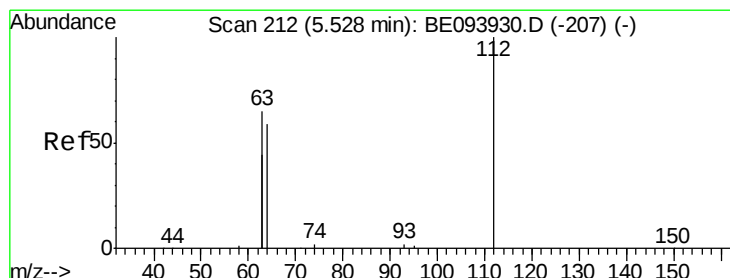
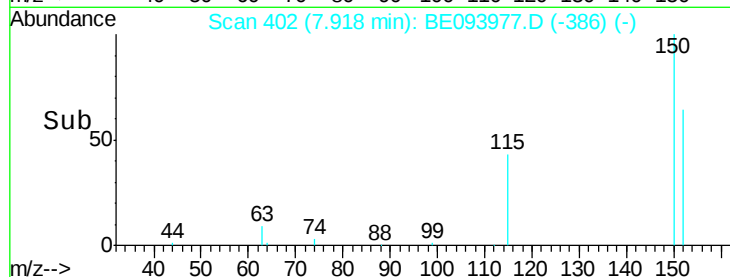
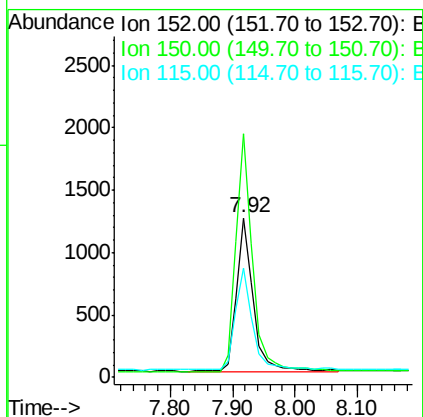
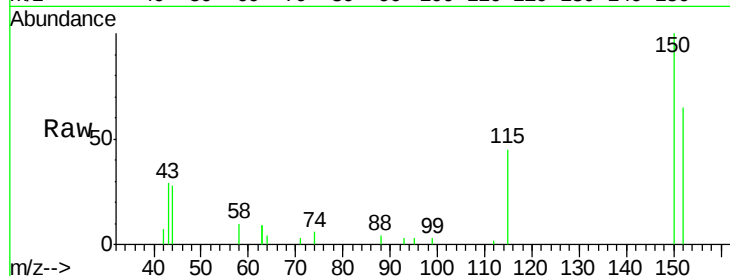


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093977.D
Acq: 11 Sep 2017 23:57

Instrument :
BNA_E
ClientSampleId :
45BR-20170907

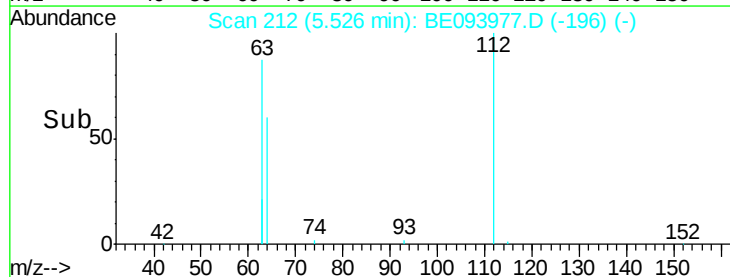
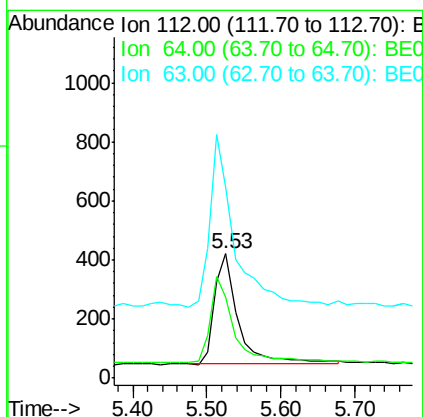
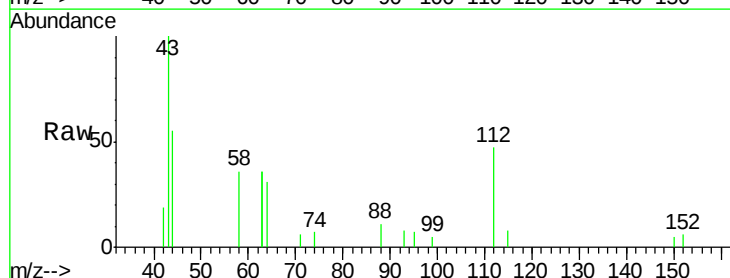
Tgt Ion:152 Resp: 2279
Ion Ratio Lower Upper
152 100
150 152.9 121.8 182.6
115 68.7 52.6 79.0

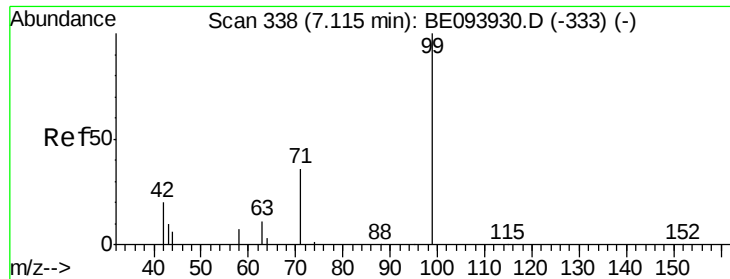


#4

2-Fluorophenol
Concen: 0.114 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093977.D
Acq: 11 Sep 2017 23:57

Tgt Ion:112 Resp: 841
Ion Ratio Lower Upper
112 100
64 79.5 57.7 86.5
63 163.3 116.0 174.0





#5

Phenol-d6

Concen: 0.060 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

Instrument :

BNA_E

ClientSampleId :

45BR-20170907

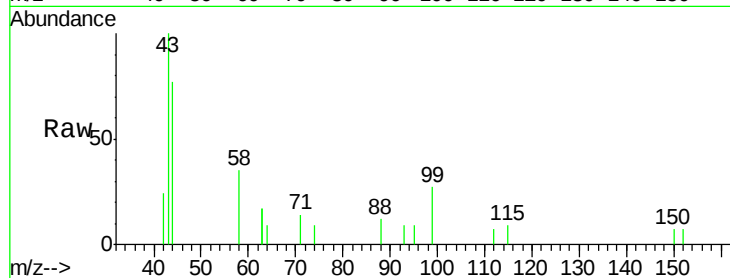
Tgt Ion: 99 Resp: 667

Ion Ratio Lower Upper

99 100

42 22.0 17.1 25.7

71 42.4 26.6 39.8#



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

Time-->

7.12

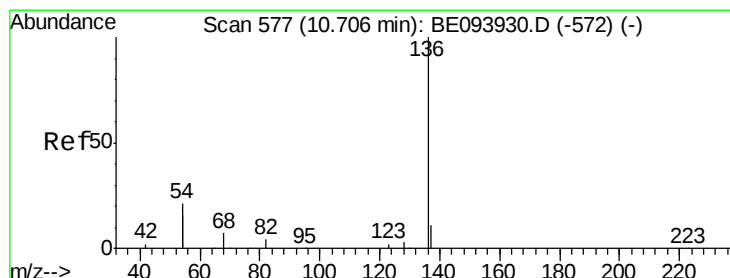
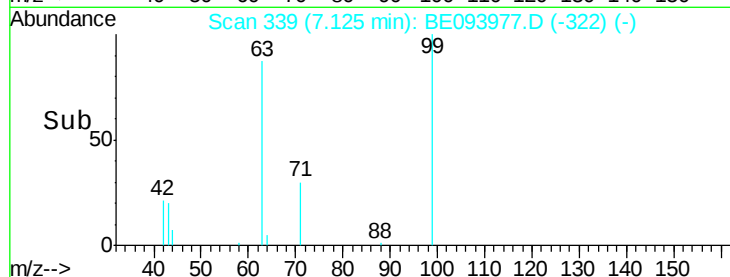
150

100

50

0

7.00 7.10 7.20 7.30



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

Tgt Ion: 136 Resp: 11338

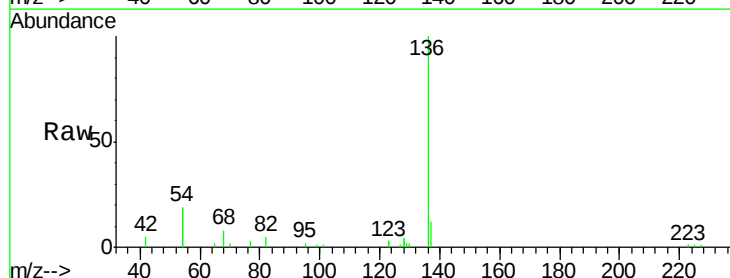
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 38.1 21.9 32.9#

68 7.6 4.6 7.0#



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

Time-->

10.72

5000

4000

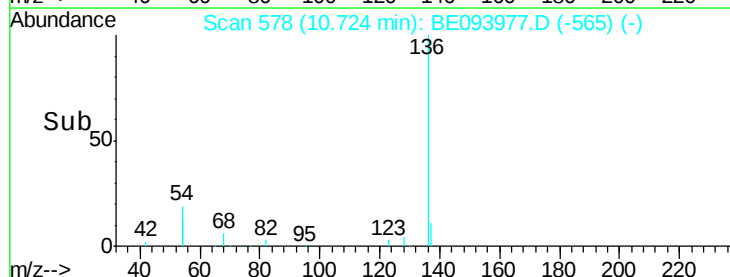
3000

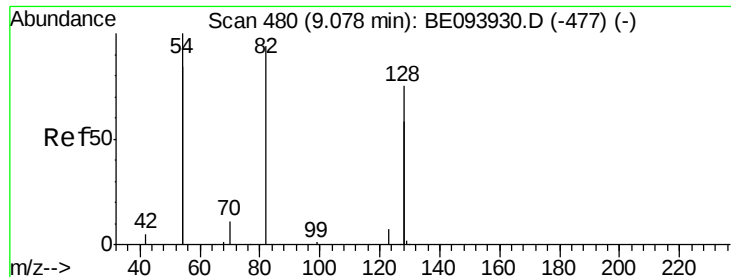
2000

1000

0

10.60 10.70 10.80 10.90





#8

Nitrobenzene-d5

Concen: 0.287 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

Instrument :

BNA_E

ClientSampleId :

45BR-20170907

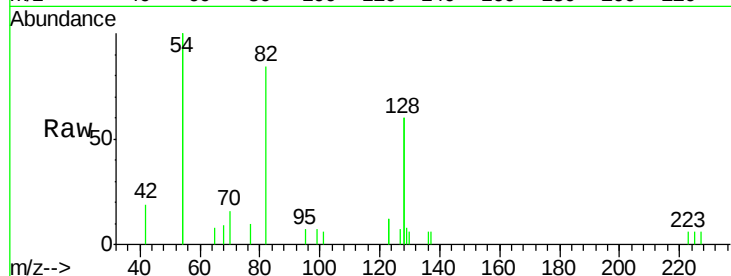
Tgt Ion: 82 Resp: 2751

Ion Ratio Lower Upper

82 100

128 142.9 91.4 137.0#

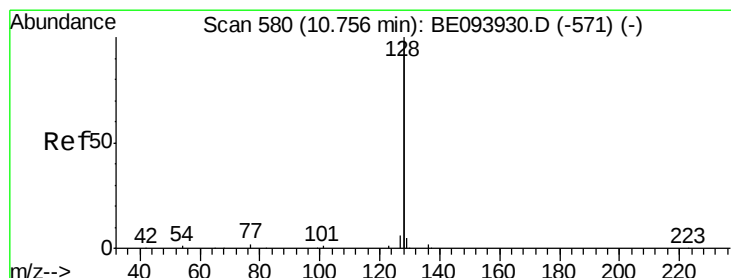
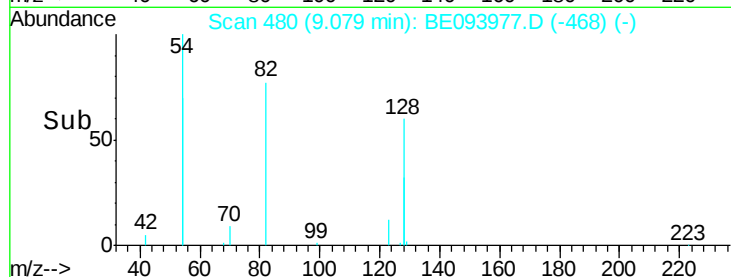
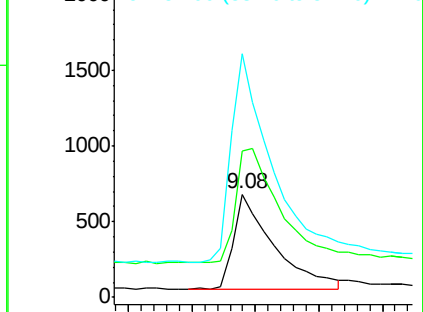
54 236.8 197.8 296.8



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



#9

Naphthalene

Concen: 0.021 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.02 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

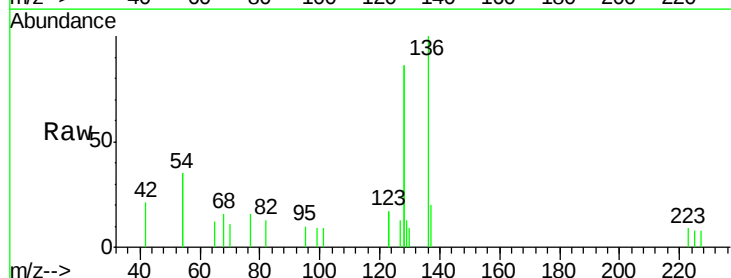
Tgt Ion: 128 Resp: 2750

Ion Ratio Lower Upper

128 100

129 7.4 2.5 3.7#

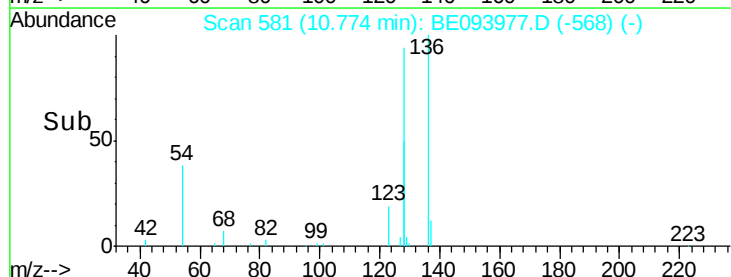
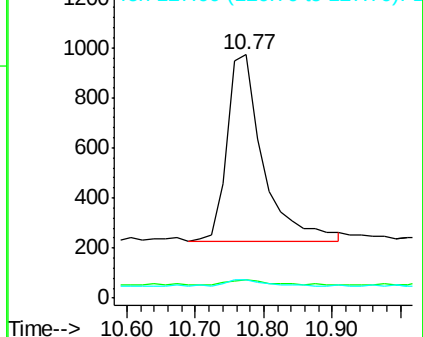
127 7.4 2.6 4.0#

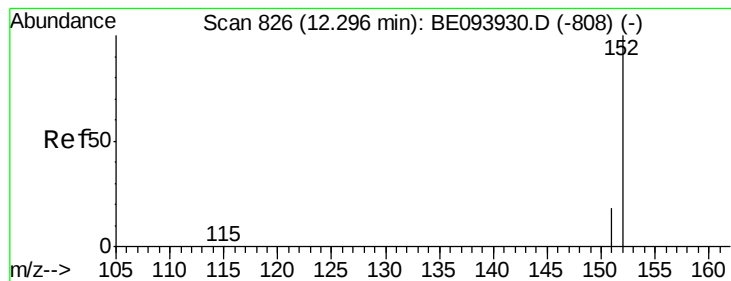


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.302 ng

RT: 12.31 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

Instrument :

BNA_E

ClientSampleId :

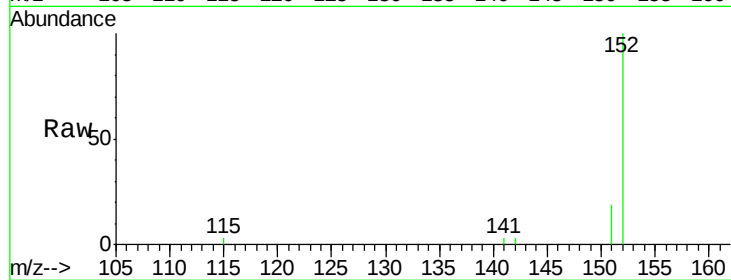
45BR-20170907

Tgt Ion:152 Resp: 5485

Ion Ratio Lower Upper

152 100

151 18.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.31

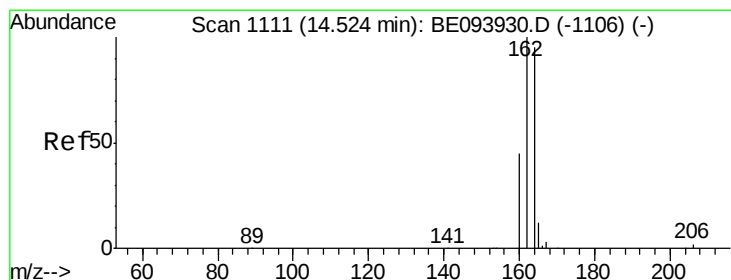
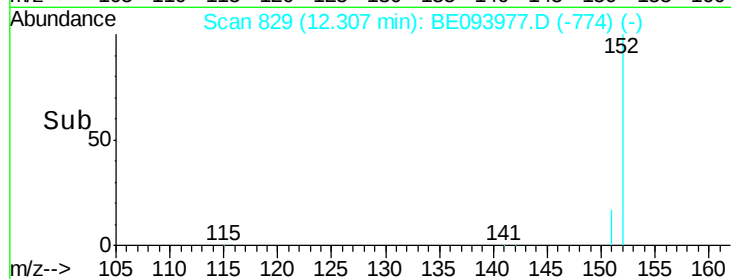
1500

1000

500

0

Time--> 12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

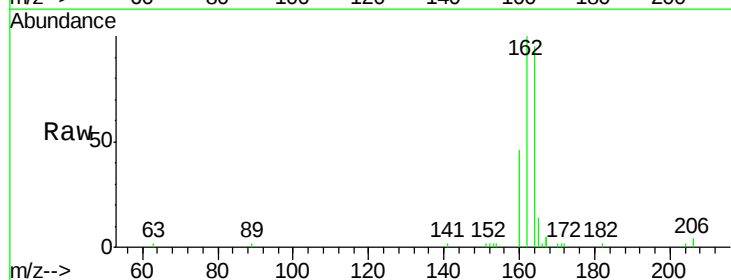
Tgt Ion:164 Resp: 6818

Ion Ratio Lower Upper

164 100

162 105.7 80.8 121.2

160 49.1 37.0 55.4



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

14.52

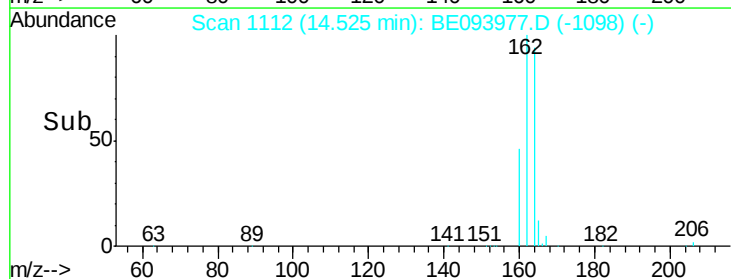
3000

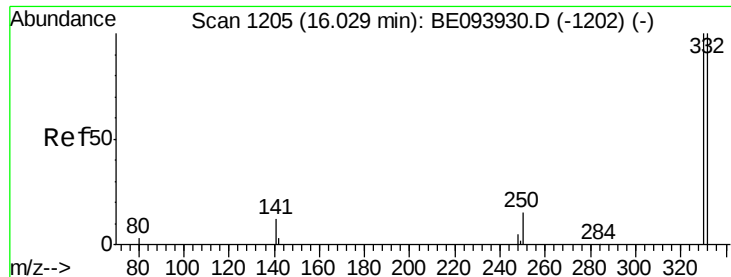
2000

1000

0

Time--> 14.40 14.60

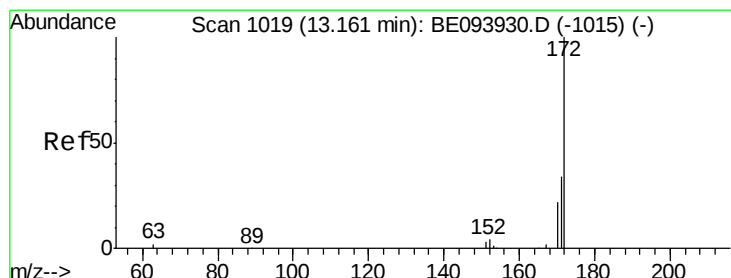
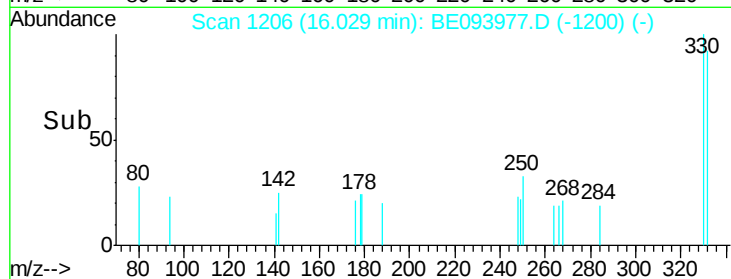
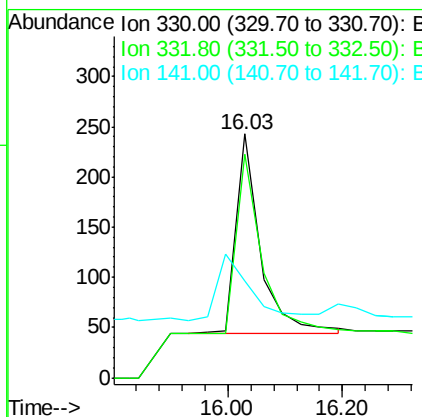
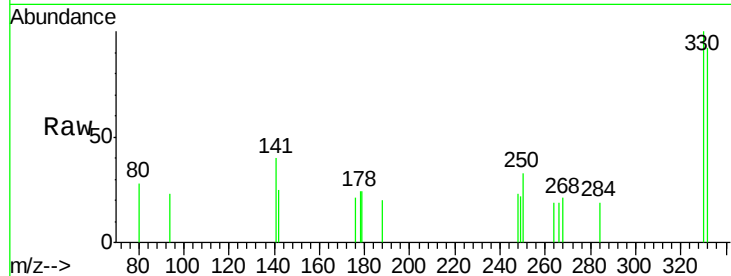




#14
 2,4,6-Tribromophenol
 Concen: 0.275 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093977.D
 Acq: 11 Sep 2017 23:57

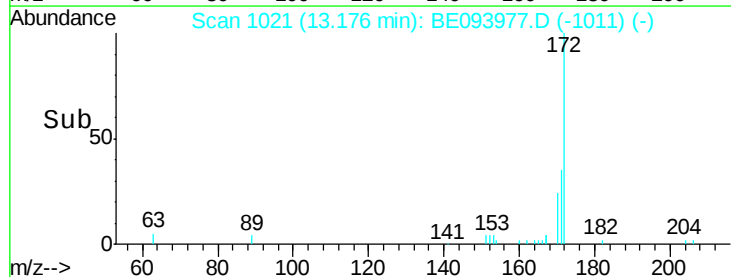
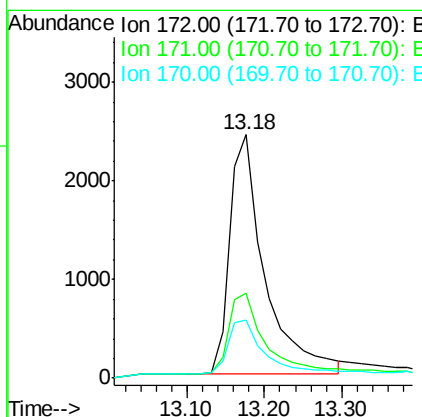
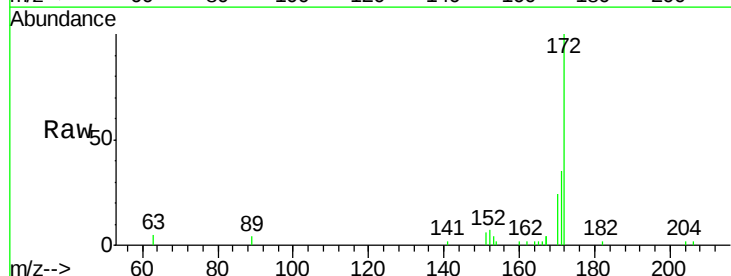
Instrument :
 BNA_E
 ClientSampleId :
 45BR-20170907

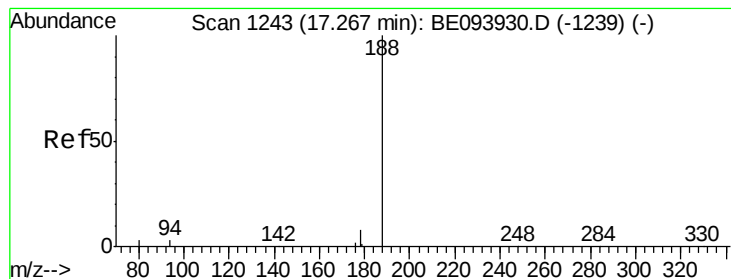
Tgt Ion: 330 Resp: 581
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.9 115.3
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 0.282 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. 0.02 min
 Lab File: BE093977.D
 Acq: 11 Sep 2017 23:57

Tgt Ion: 172 Resp: 7601
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.9 40.3
 170 23.6 17.3 25.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

Instrument :

BNA_E

ClientSampleId :

45BR-20170907

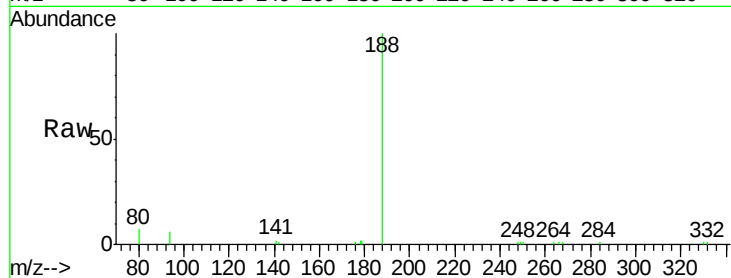
Tgt Ion:188 Resp: 14028

Ion Ratio Lower Upper

188 100

94 6.2 16.1 24.1#

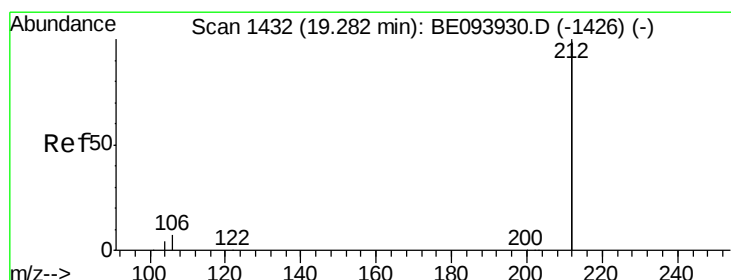
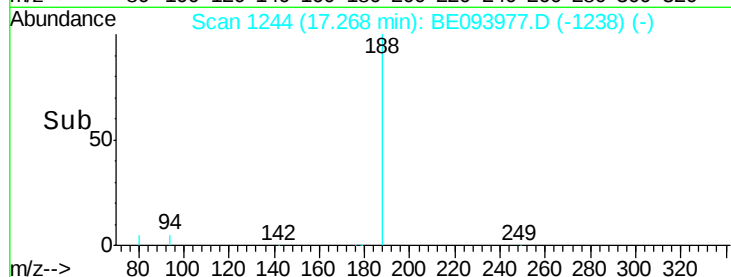
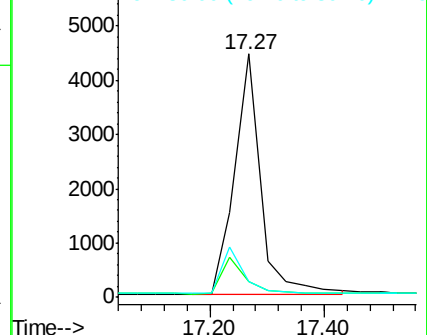
80 6.5 18.2 27.2#



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



#25

Fluoranthene-d10

Concen: 0.288 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE093977.D

Acq: 11 Sep 2017 23:57

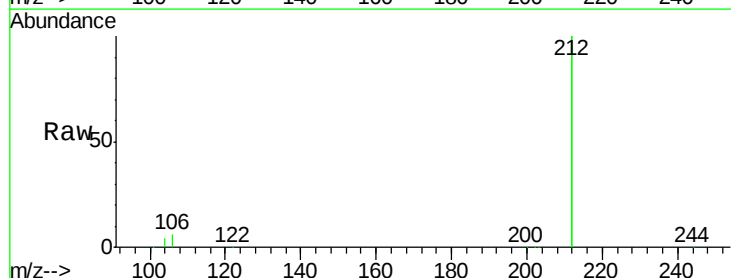
Tgt Ion:212 Resp: 60161

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

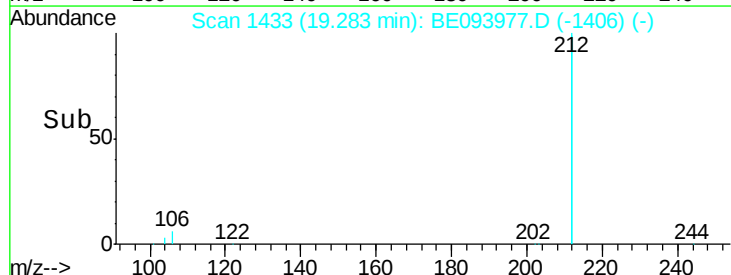
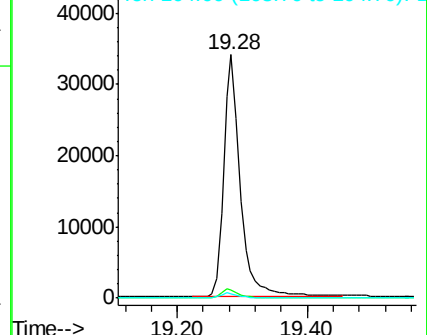
104 2.0 1.6 2.4

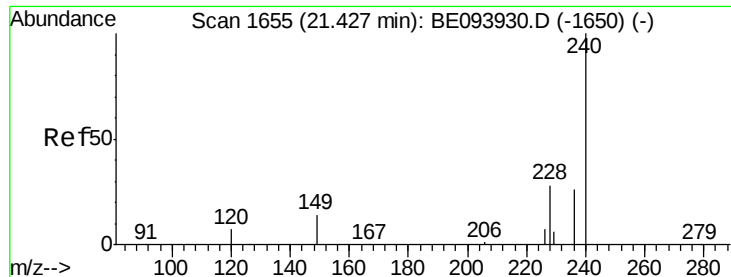


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

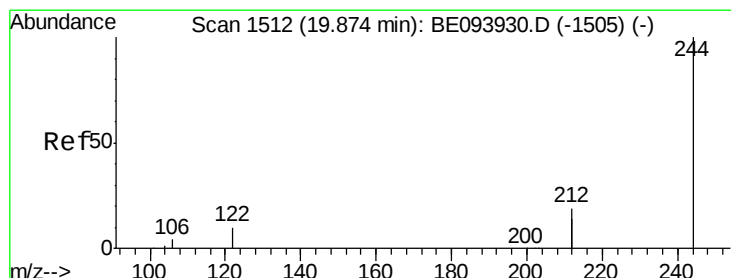
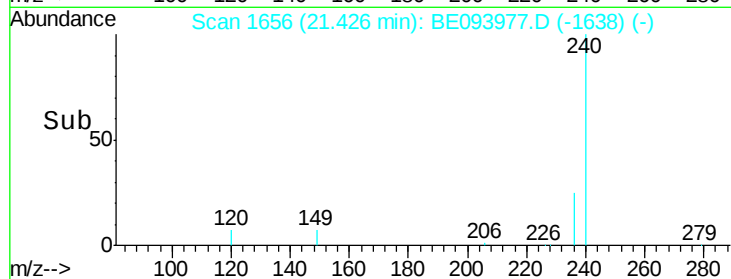
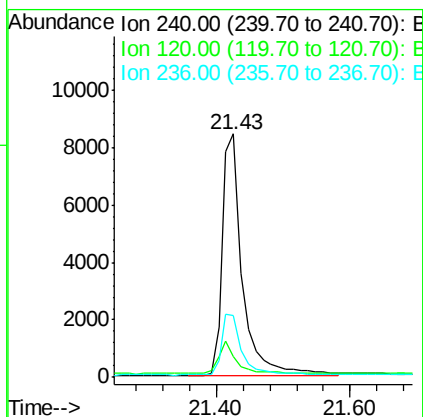
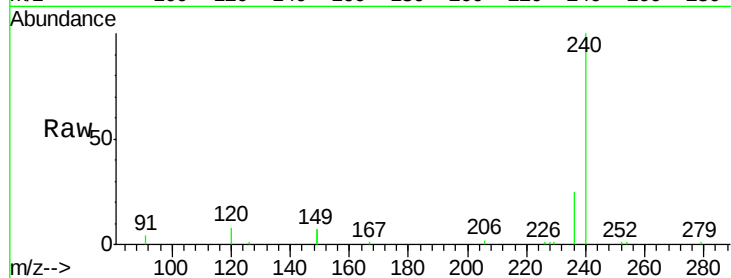




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BE093977.D
 Acq: 11 Sep 2017 23:57

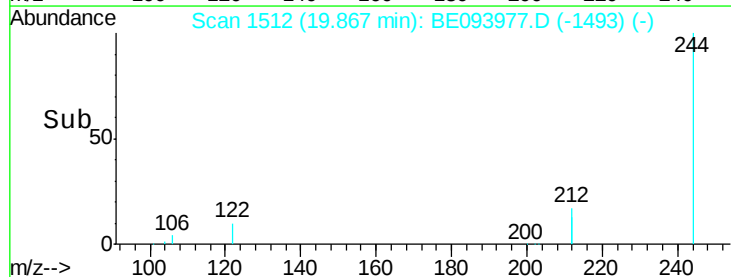
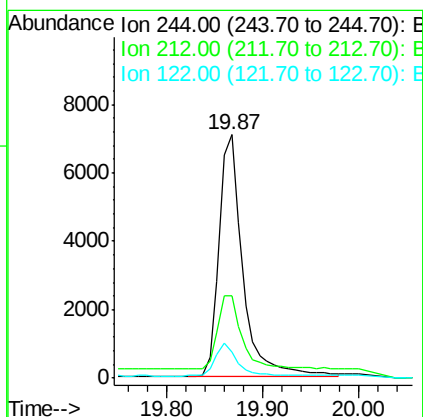
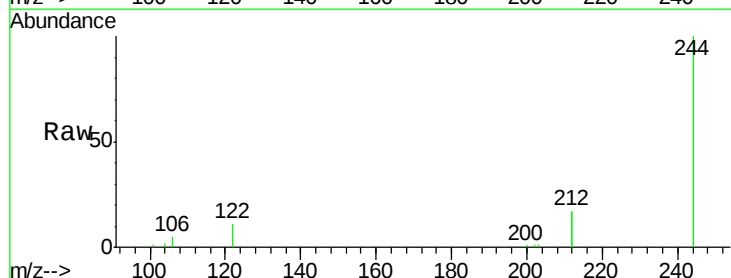
Instrument :
 BNA_E
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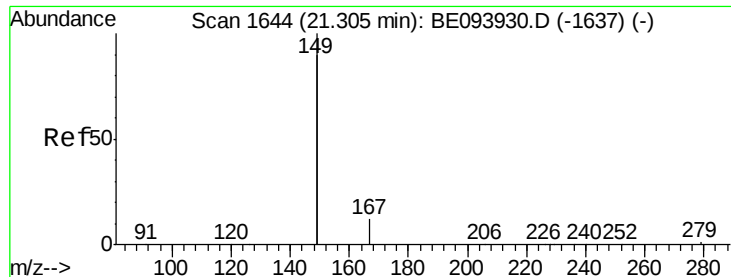
Tgt Ion:240 Resp: 17465
 Ion Ratio Lower Upper
 240 100
 120 8.3 8.7 13.1#
 236 25.4 21.3 31.9



#29
 Terphenyl-d14
 Concen: 0.375 ng
 RT: 19.87 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BE093977.D
 Acq: 11 Sep 2017 23:57

Tgt Ion:244 Resp: 12040
 Ion Ratio Lower Upper
 244 100
 212 34.1 28.3 42.5
 122 10.7 9.4 14.0

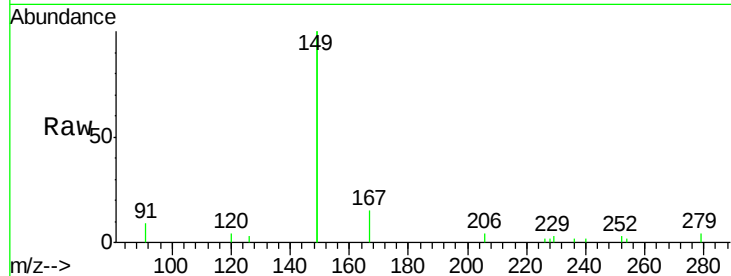




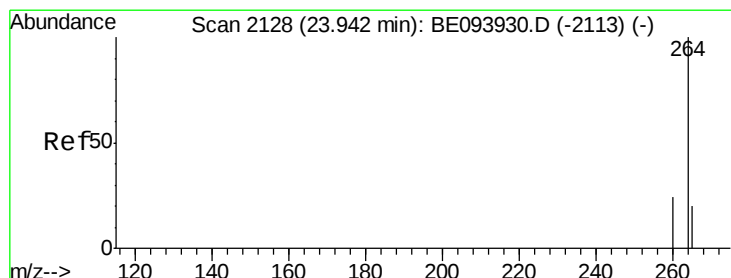
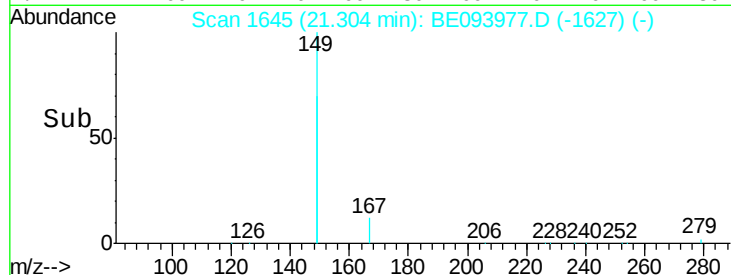
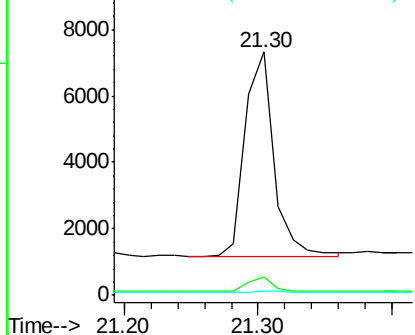
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BE093977.D
 Acq: 11 Sep 2017 23:57

Instrument :
 BNA_E
 ClientSampleId :
 45BR-20170907

Tgt Ion:149 Resp: 9252
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 1.1 0.7 1.1#

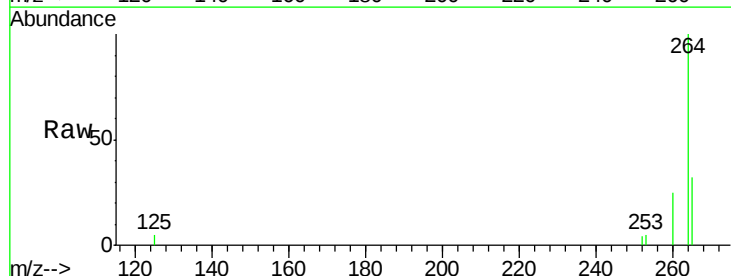


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093977.D
 Acq: 11 Sep 2017 23:57

Tgt Ion:264 Resp: 13448
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.0 30.0
 265 31.9 24.0 36.0



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

