

Data Path : Z:\HPCHEM1\BNA E\Data\BE051917\
 Data File : BE093060.D
 Acq On : 19 May 2017 14:39
 Operator : SJ/MA
 Sample : I3174-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 19 17:59:31 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

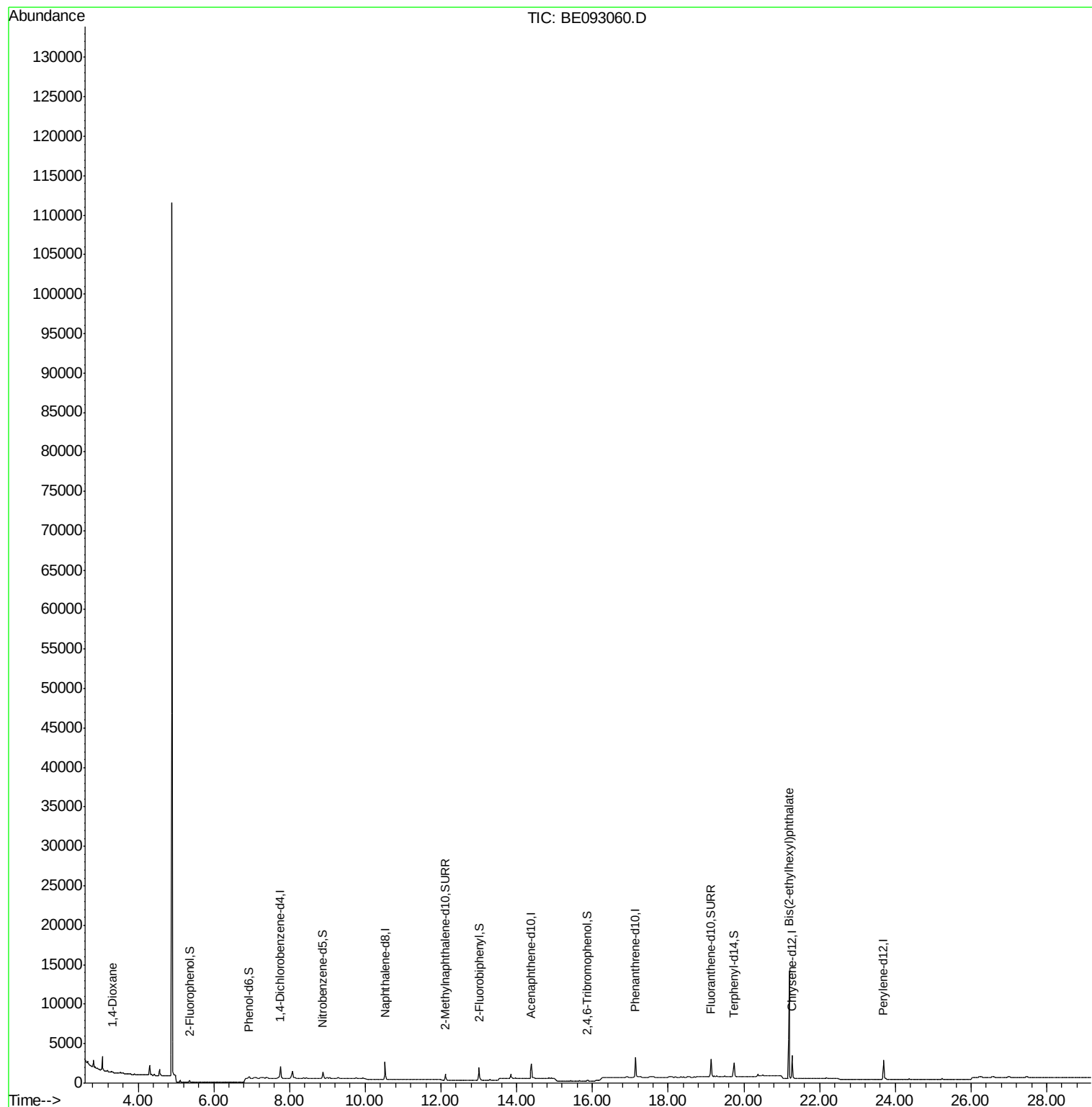
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	757	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2960	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1349	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4082	0.40	ng	0.00
27) Chrysene-d12	21.27	240	4064	0.40	ng	-0.02
34) Perylene-d12	23.69	264	3678	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	162	0.07	ng	0.00
5) Phenol-d6	6.92	99	144	0.05	ng	0.00
8) Nitrobenzene-d5	8.88	82	746	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1129	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	74	0.19	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	1710	0.31	ng	0.00
25) Fluoranthene-d10	19.14	212	3017	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	2464	0.32	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	80	0.03	ng	# 35
21) Hexachlorobenzene	16.47	284	2	Below	Cal	# 100
23) Phenanthrene	17.16	178	52	Below	Cal	# 61
24) Anthracene	17.28	178	105	Below	Cal	# 94
32) Bis(2-ethylhexyl)phthalate	21.20	149	15321	2.42	ng	96

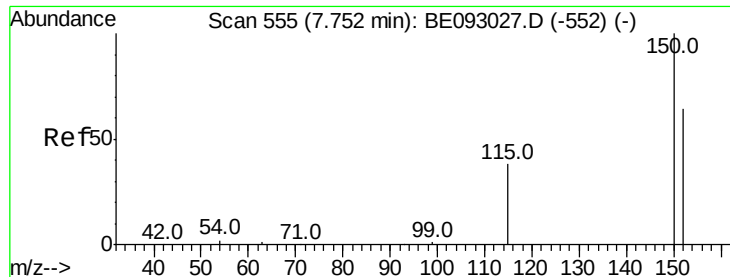
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\Data\BE051917\
Data File : BE093060.D
Acq On : 19 May 2017 14:39
Operator : SJ/MA
Sample : I3174-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 19 17:59:31 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 13:35:57 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

Instrument :

BNA_E

ClientSampled :

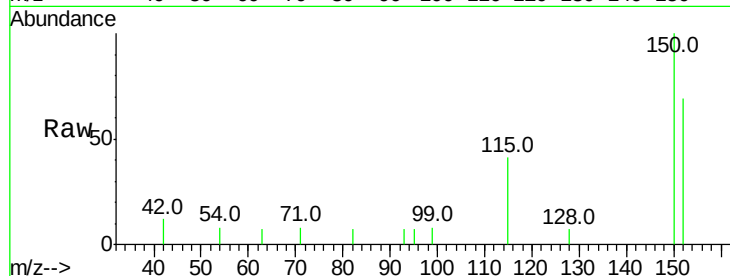
Tot Ion:152 Resp: 757

Ion Ratio Lower Upper

152 100

150 144.4 125.1 187.7

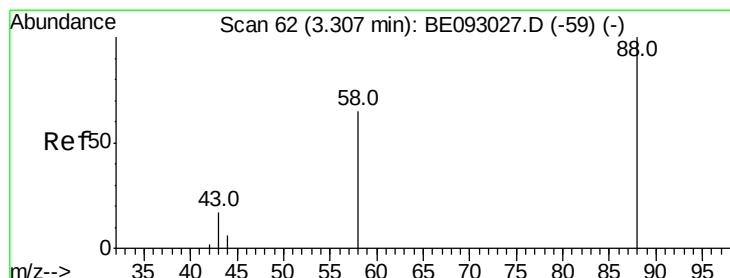
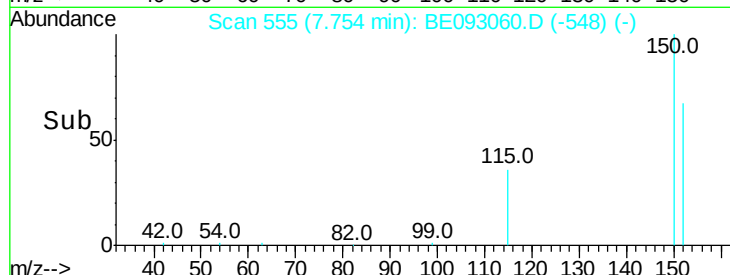
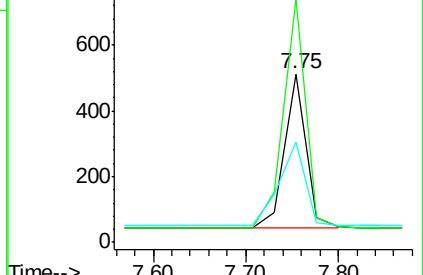
115 59.3 55.7 83.5



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



#2

1,4-Dioxane

Concen: 0.03 ng

RT: 3.32 min Scan# 63

Delta R.T. 0.01 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

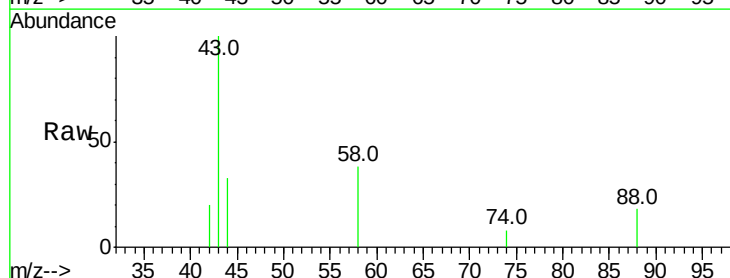
Tgt Ion: 88 Resp: 80

Ion Ratio Lower Upper

88 100

58 137.5 62.2 93.4#

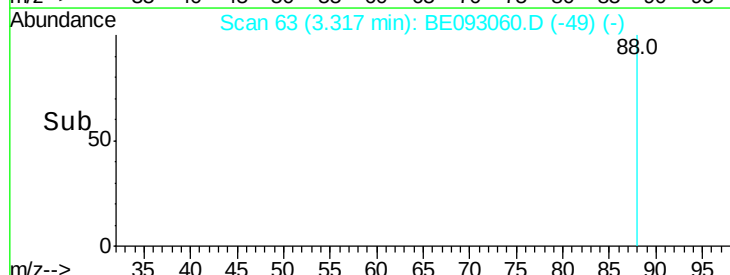
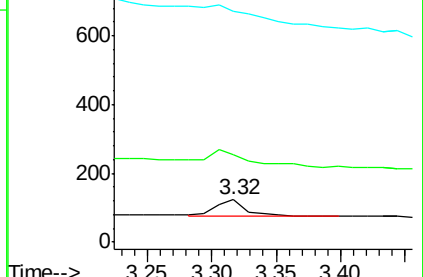
43 0.0 23.2 34.8#

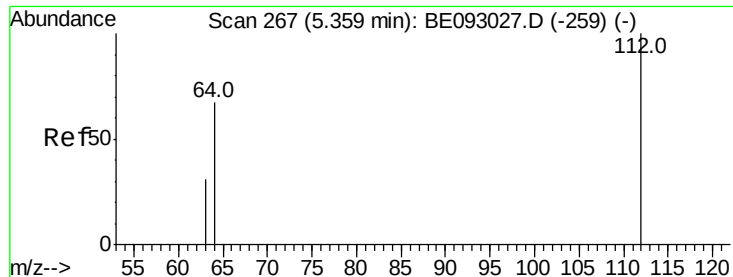


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.07 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

Instrument :

BNA_E

ClientSampleId :

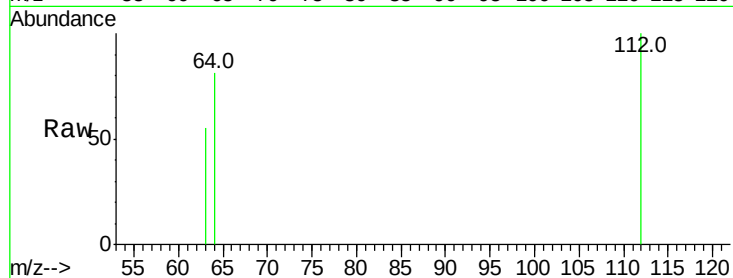
Tot Ion:112 Resp: 162

Ion Ratio Lower Upper

112 100

64 73.5 56.4 84.6

63 40.1 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.36

150

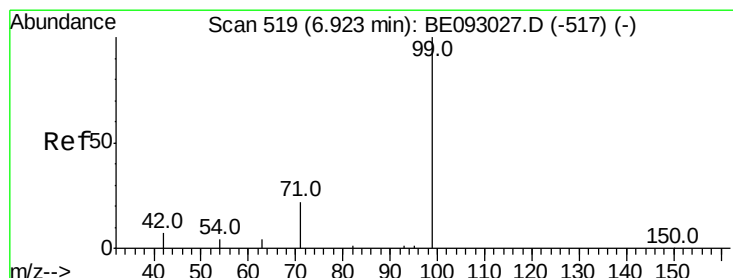
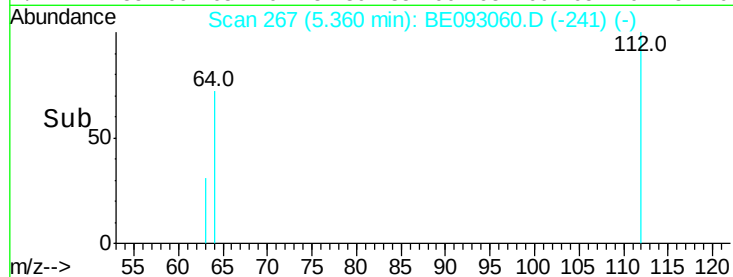
100

50

0

5.30 5.35 5.40 5.45

Time-->



#5

Phenol-d6

Concen: 0.05 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

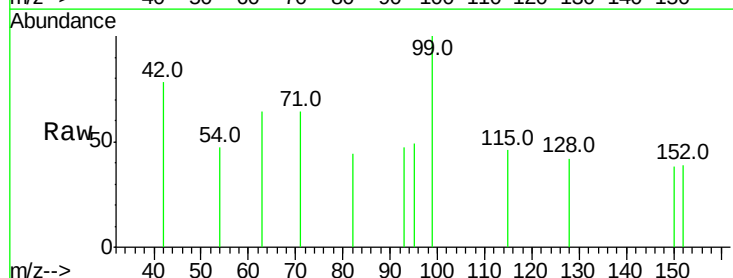
Tgt Ion: 99 Resp: 144

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 0.0 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

6.92

150

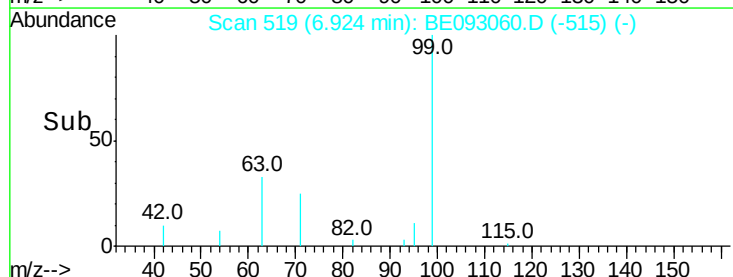
100

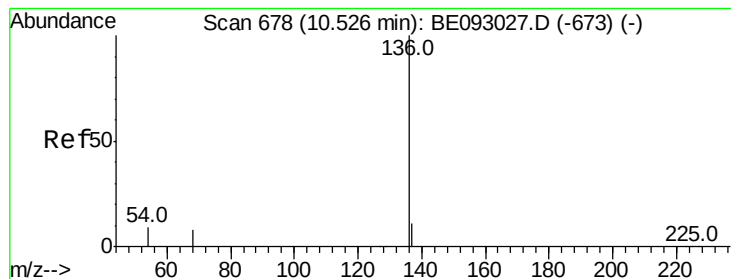
50

0

6.80 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 2960

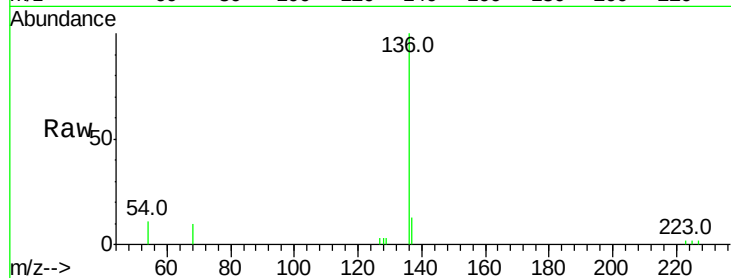
Ion Ratio Lower Upper

136 100

137 13.2 9.8 14.8

54 10.8 10.3 15.5

68 9.8 9.0 13.4

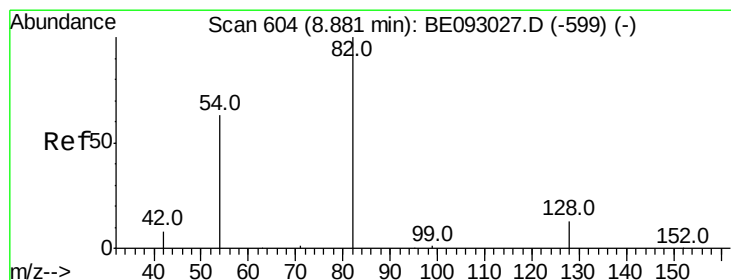
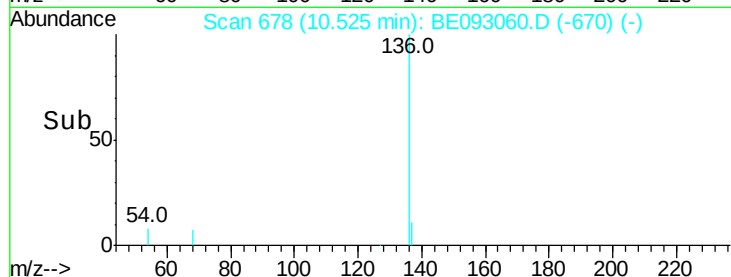
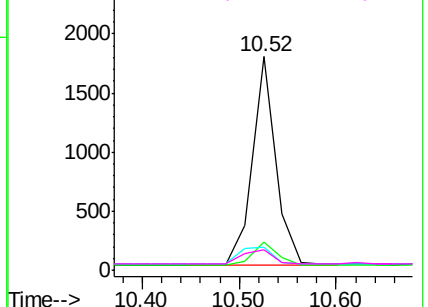


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.29 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

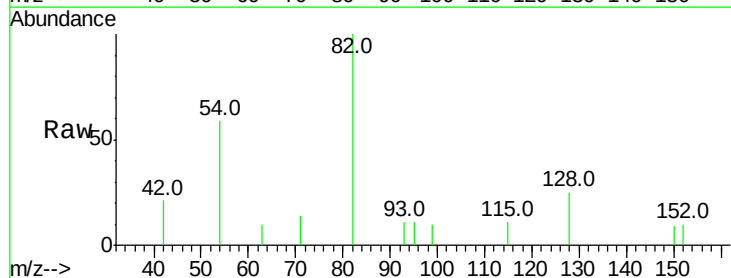
Tgt Ion: 82 Resp: 746

Ion Ratio Lower Upper

82 100

128 25.2 17.0 25.4

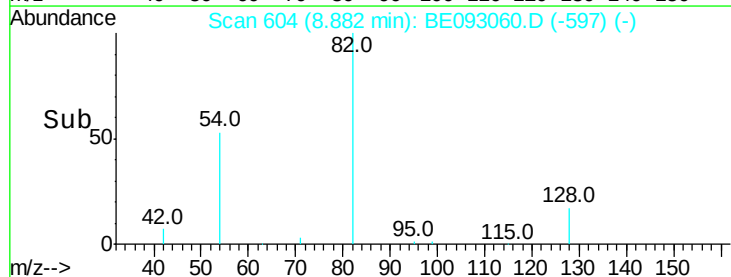
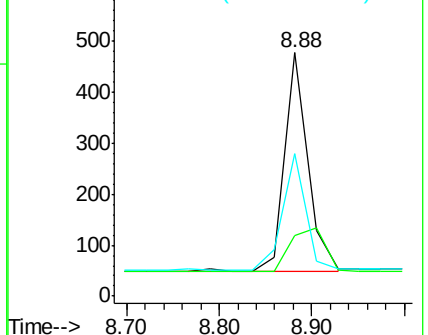
54 58.7 53.8 80.6

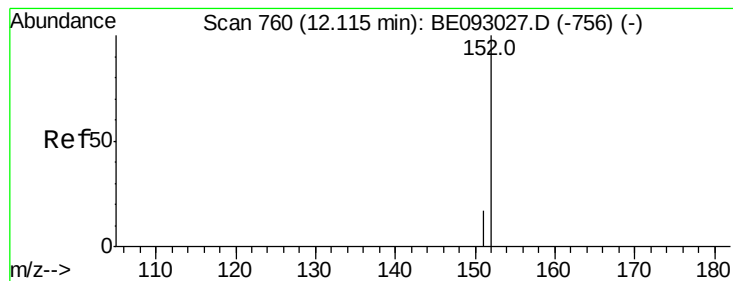


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

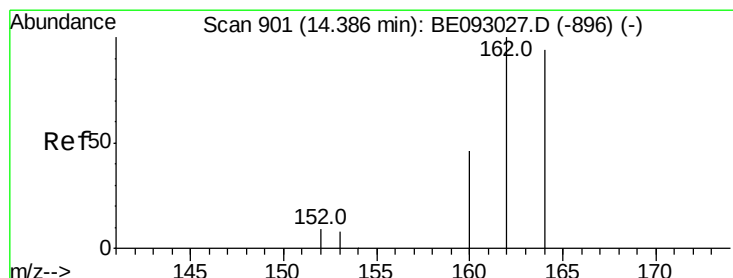
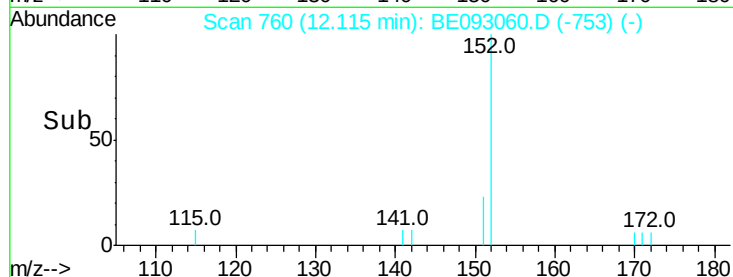
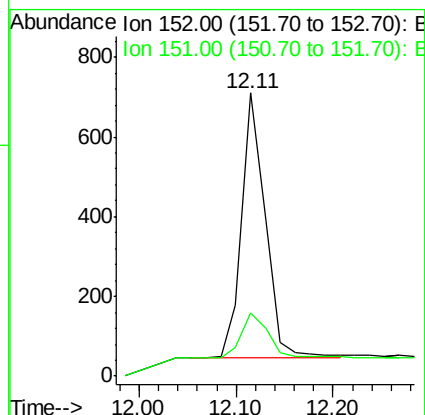
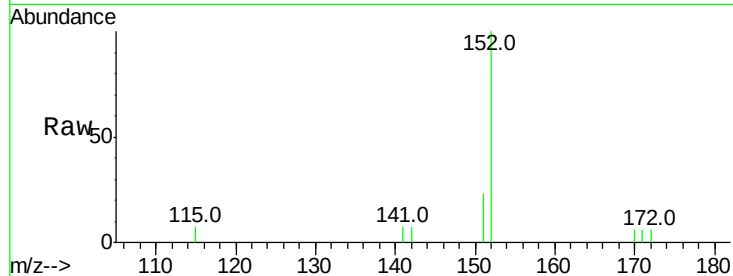




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE093060.D
Acq: 19 May 2017 14:39

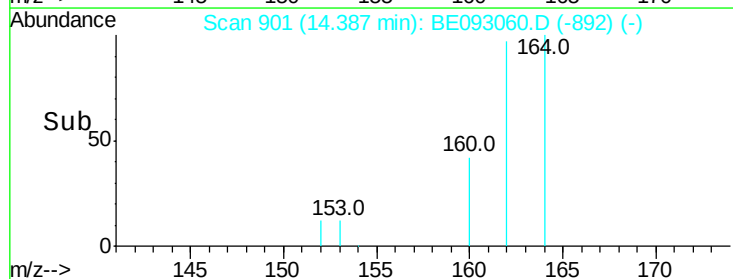
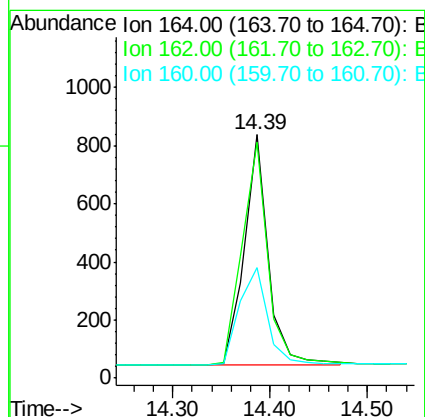
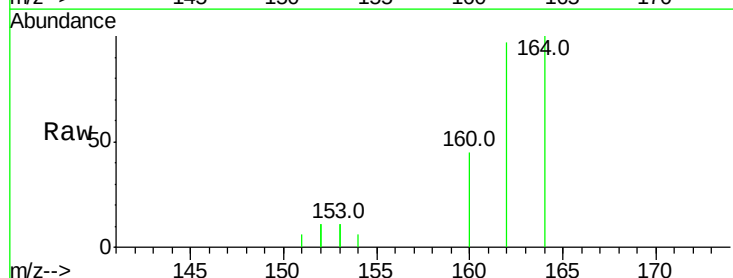
Instrument :
BNA_E
ClientSampleId :

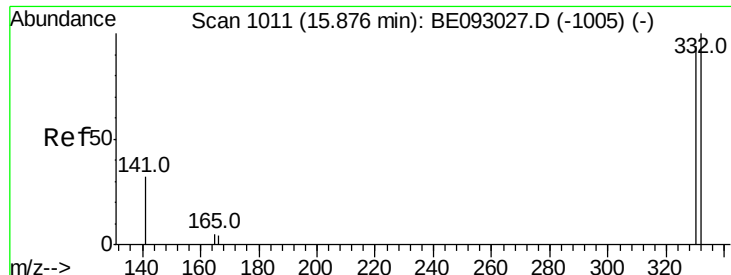
Tot Ion:152 Resp: 1129
Ion Ratio Lower Upper
152 100
151 19.6 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093060.D
Acq: 19 May 2017 14:39

Tgt Ion:164 Resp: 1349
Ion Ratio Lower Upper
164 100
162 97.1 84.6 127.0
160 45.2 41.8 62.6

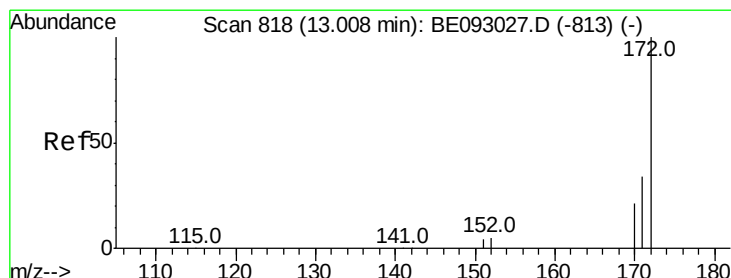
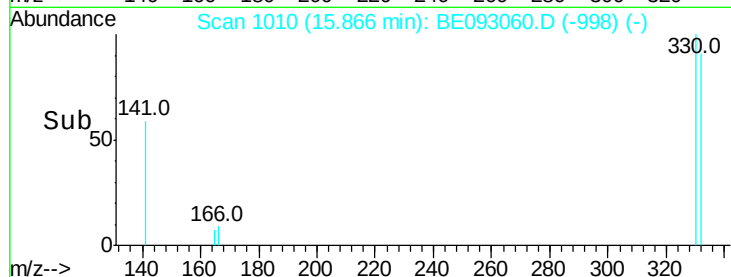
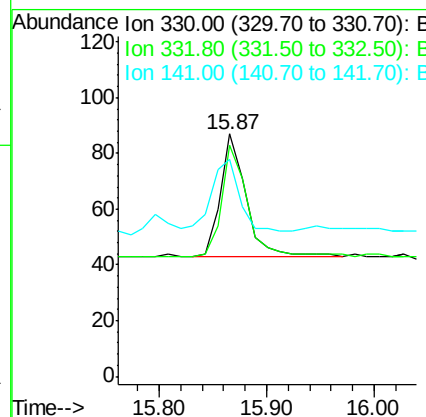
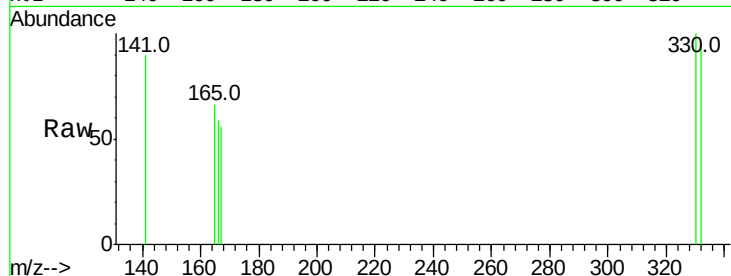




#14
 2,4,6-Tribromophenol
 Concen: 0.19 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BE093060.D
 Acq: 19 May 2017 14:39

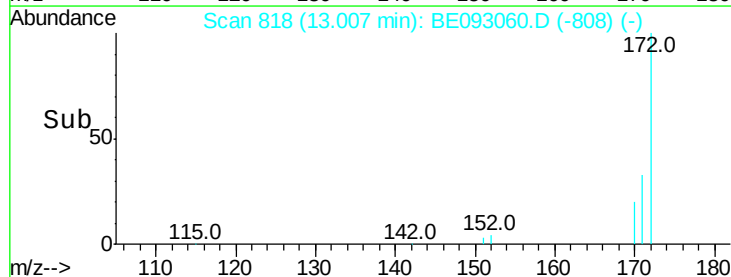
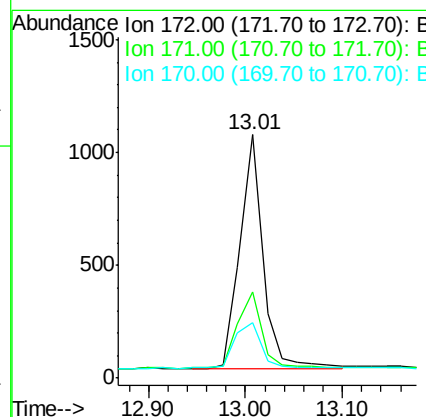
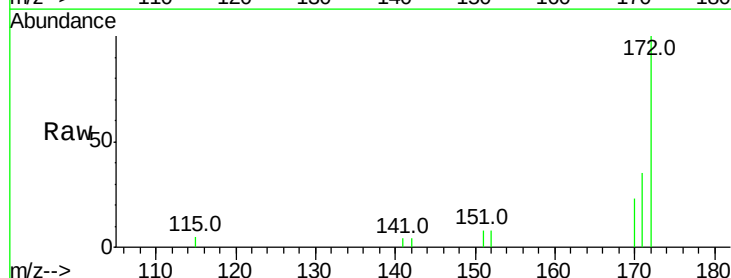
Instrument :
 BNA_E
 ClientSampleId :

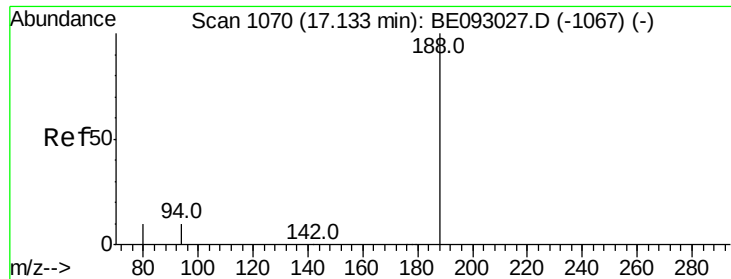
Tot Ion:330 Resp: 74
 Ion Ratio Lower Upper
 330 100
 332 87.8 77.7 116.5
 141 66.2 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.31 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE093060.D
 Acq: 19 May 2017 14:39

Tgt Ion:172 Resp: 1710
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.8 44.6
 170 22.8 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

Instrument :

BNA_E

ClientSampleId :

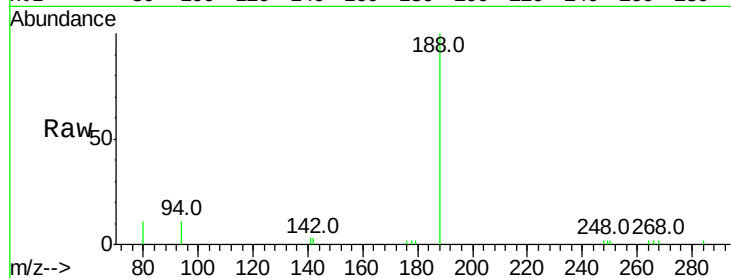
Tot Ion:188 Resp: 4082

Ion Ratio Lower Upper

188 100

94 11.3 11.3 16.9#

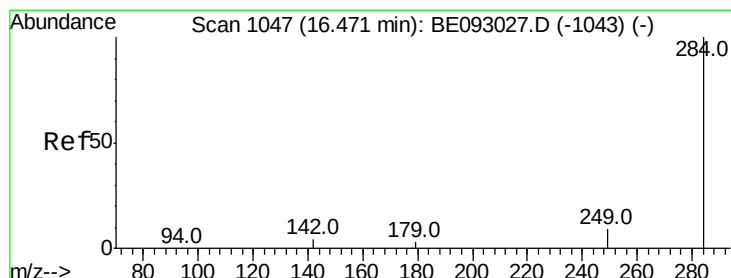
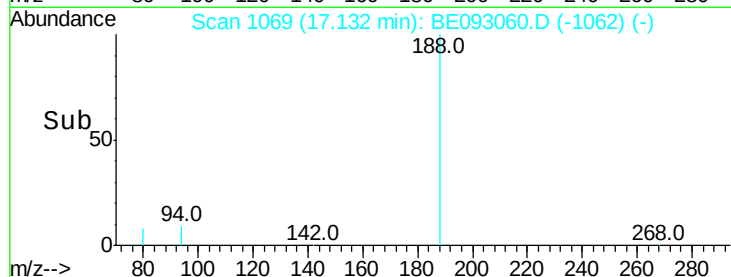
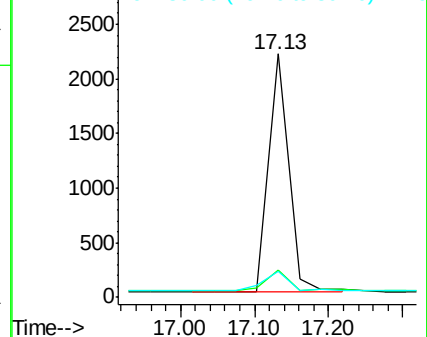
80 10.8 11.7 17.5#



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



#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.47 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

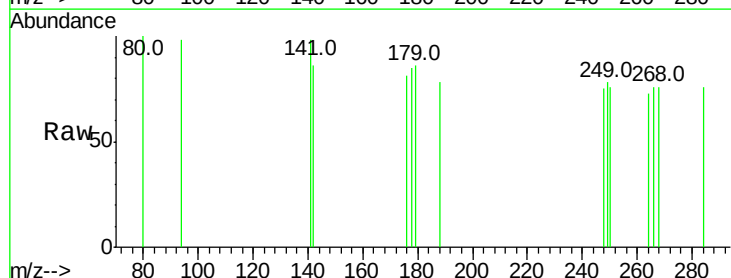
Tgt Ion:284 Resp: 2

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

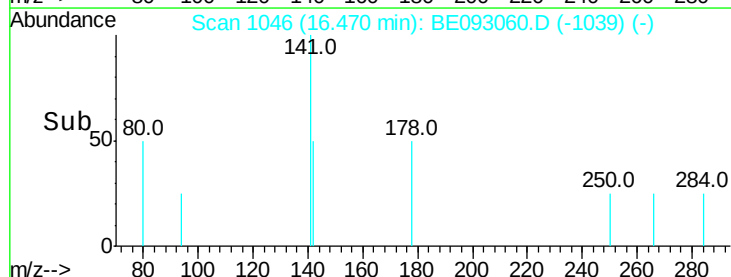
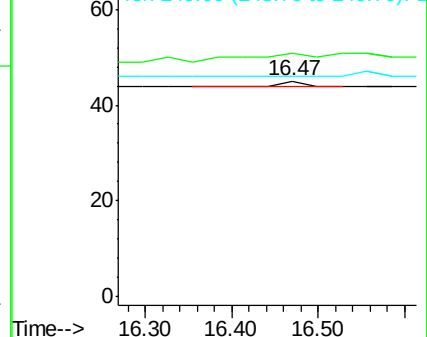
249 0.0 0.0 0.0

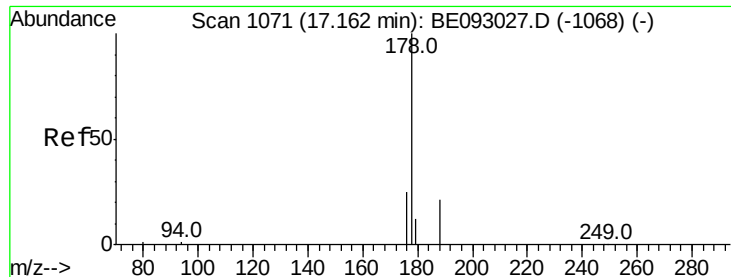


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 17.16 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

Instrument :

BNA_E

ClientSampled :

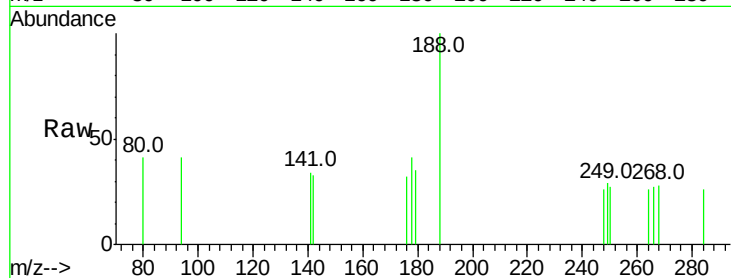
Tot Ion:178 Resp: 52

Ion Ratio Lower Upper

178 100

176 32.7 15.0 22.4#

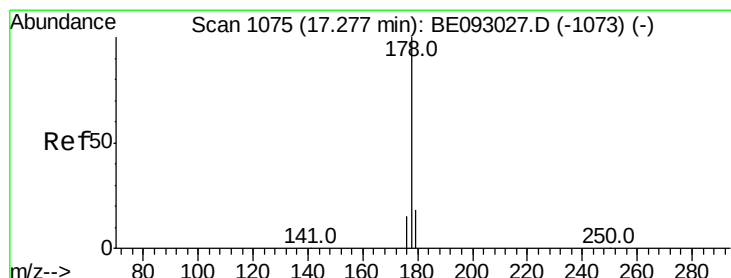
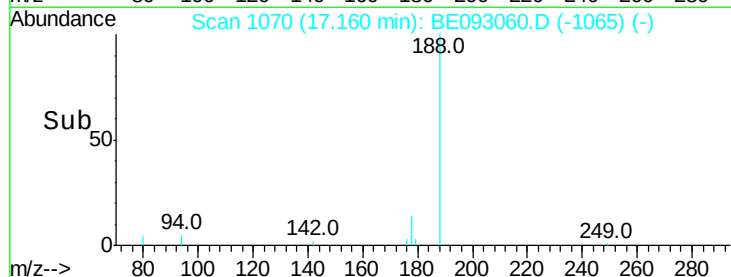
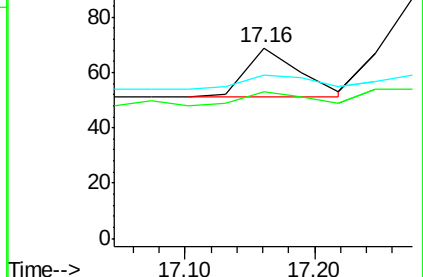
179 36.5 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: Below Cal

RT: 17.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

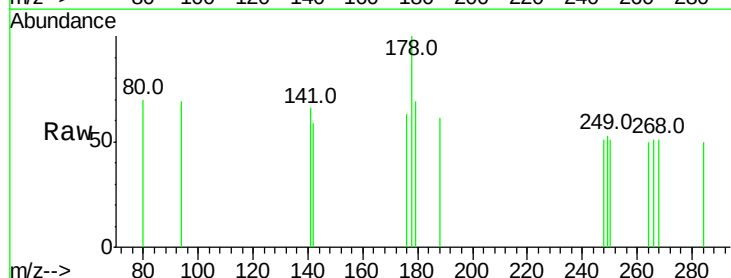
Tgt Ion:178 Resp: 105

Ion Ratio Lower Upper

178 100

176 22.9 14.6 22.0#

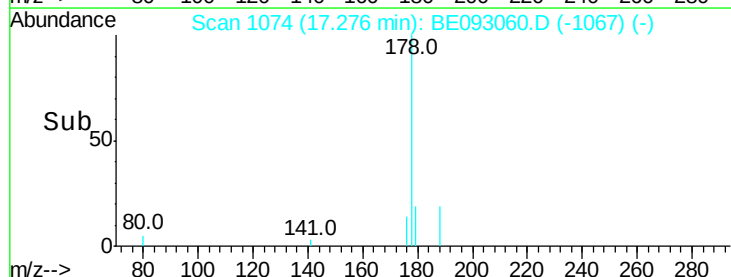
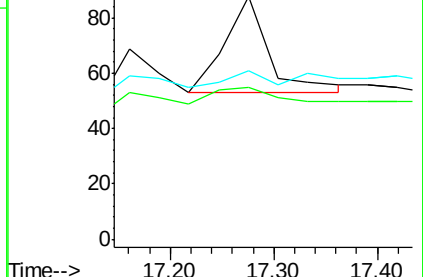
179 15.2 12.0 18.0

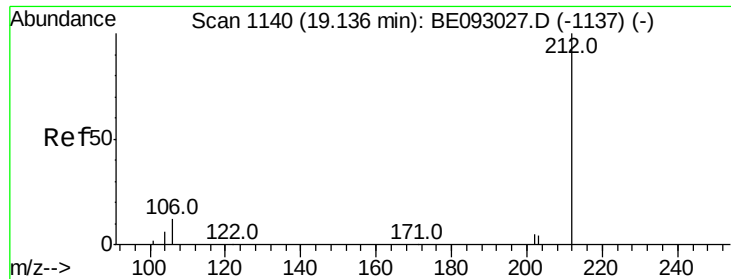


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.28 ng

RT: 19.14 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

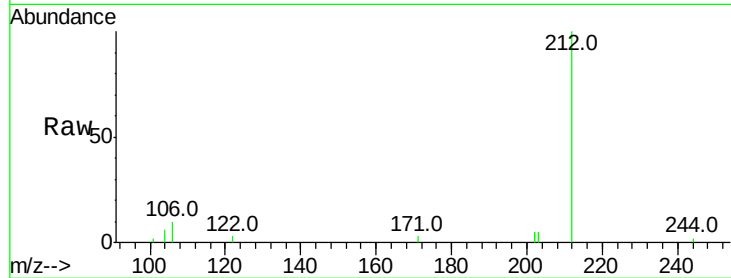
Instrument :

BNA_E

ClientSampled :

Tot Ion:212 Resp: 3017

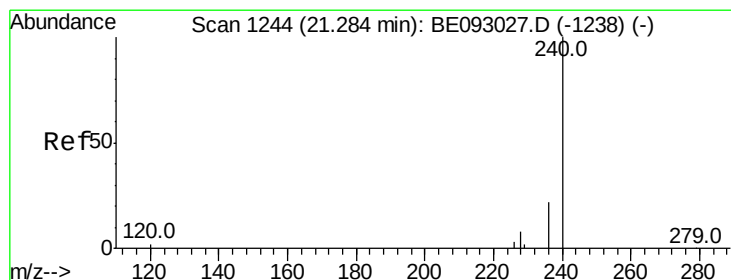
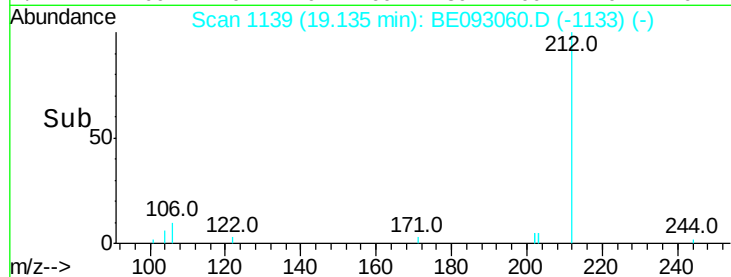
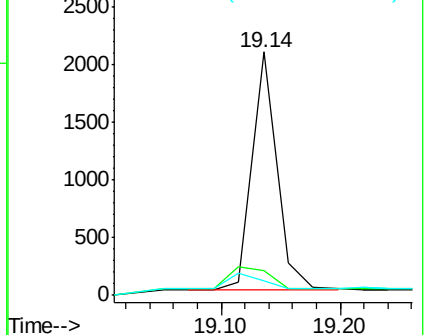
Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0



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: 0.40 ng

RT: 21.27 min Scan# 1242

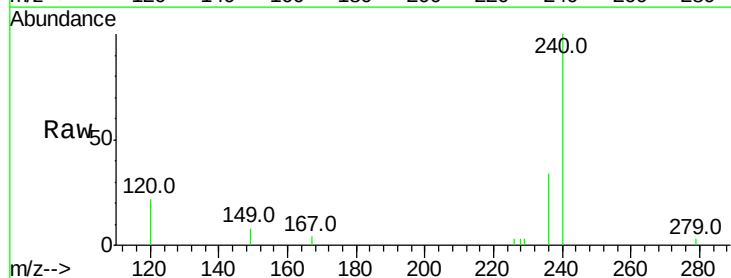
Delta R.T. -0.02 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

Tgt Ion:240 Resp: 4064

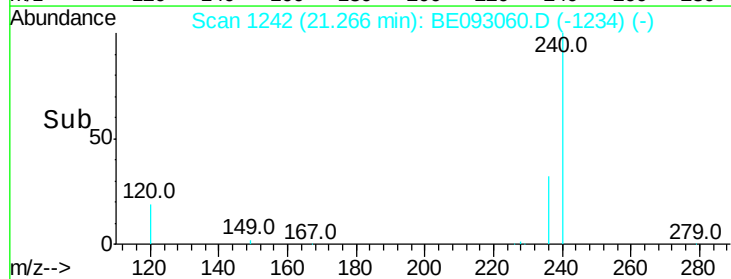
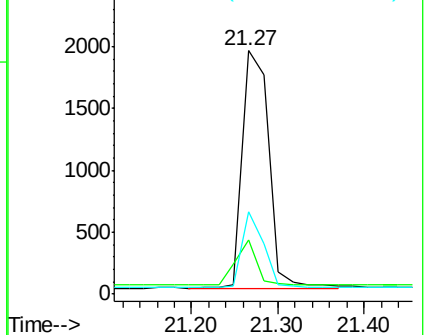
Ion	Ratio	Lower	Upper
240	100		
120	22.5	4.6	7.0#
236	34.0	20.8	31.2#

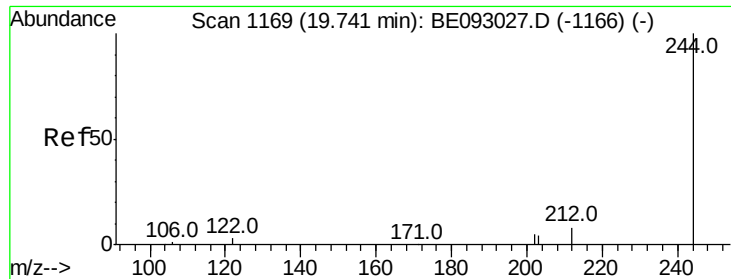


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.32 ng

RT: 19.74 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

Instrument :

BNA_E

ClientSampleId :

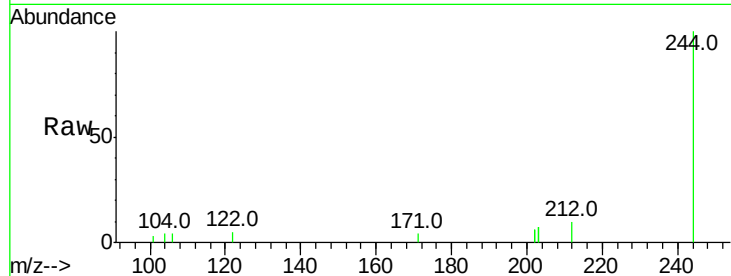
Tot Ion:244 Resp: 2464

Ion Ratio Lower Upper

244 100

212 10.0 10.6 16.0#

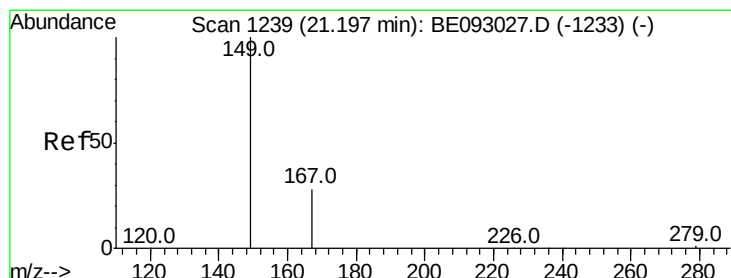
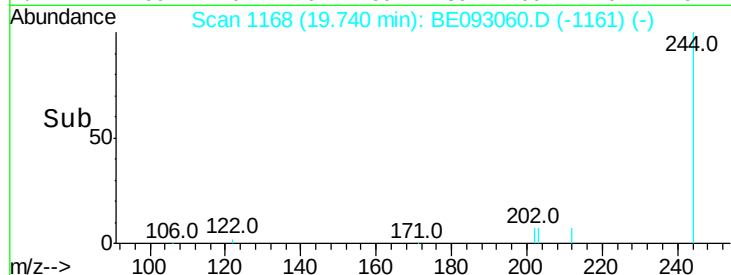
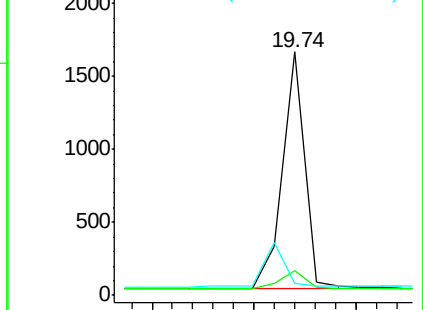
122 5.2 15.4 23.0#



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: 2.42 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE093060.D

Acq: 19 May 2017 14:39

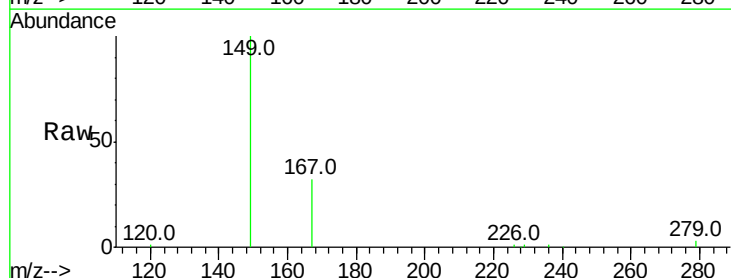
Tgt Ion:149 Resp: 15321

Ion Ratio Lower Upper

149 100

167 27.0 20.1 30.1

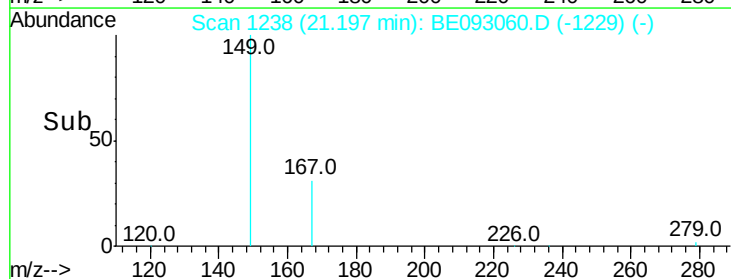
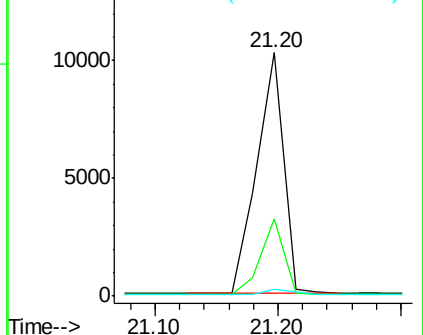
279 2.5 2.2 3.4

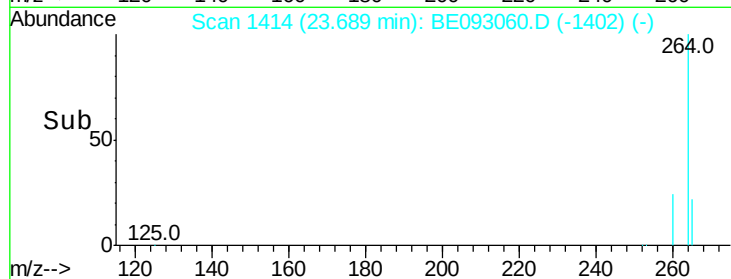
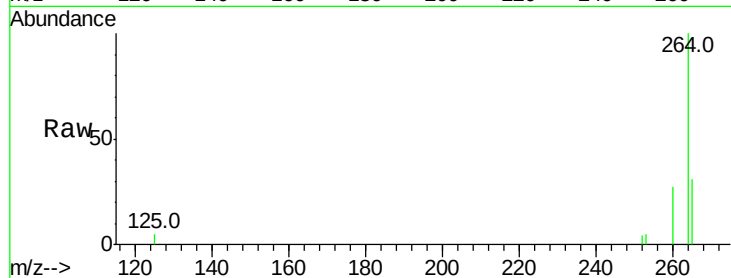
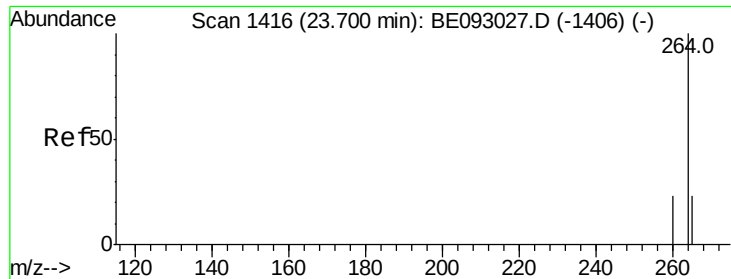


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BE093060.D
Acq: 19 May 2017 14:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion:	264	Resp:	3678
Ion Ratio	Lower	Upper	
264	100		
260	26.5	21.0	31.4
265	30.8	24.6	36.8

