

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072017\
 Data File : BE093502.D
 Acq On : 20 Jul 2017 16:56
 Operator : SJ/JU
 Sample : PB100678BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 18:07:53 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

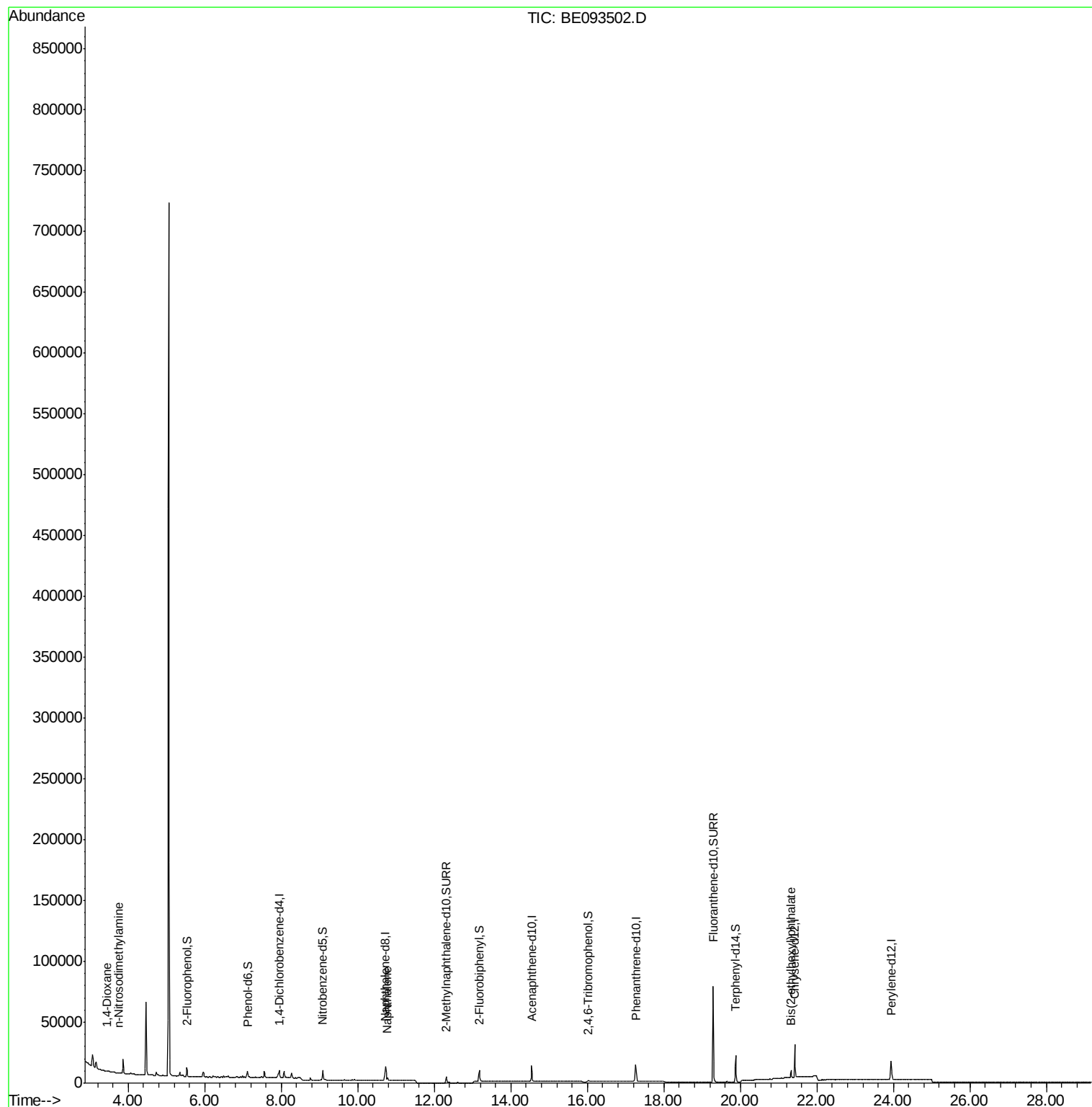
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	2910	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	13805	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8450	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	26642	0.40	ng	0.00
27) Chrysene-d12	21.43	240	28596	0.40	ng	0.00
34) Perylene-d12	23.94	264	23879	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.54	112	3452	0.39	ng	0.01
5) Phenol-d6	7.11	99	5032	0.39	ng	0.01
8) Nitrobenzene-d5	9.08	82	4010	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	7360	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1218	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	10912	0.33	ng	0.00
25) Fluoranthene-d10	19.29	212	102563	0.32	ng	0.00
29) Terphenyl-d14	19.87	244	18467	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	124	0.020	ng	# 20
3) n-Nitrosodimethylamine	3.74	42	108	0.149	ng	# 1
9) Naphthalene	10.77	128	3902	0.027	ng	# 78
22) Pentachlorophenol	16.94	266	22	Below Cal		# 78
32) Bis(2-ethylhexyl)phthalate	21.33	149	7465	0.067	ng	# 67

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

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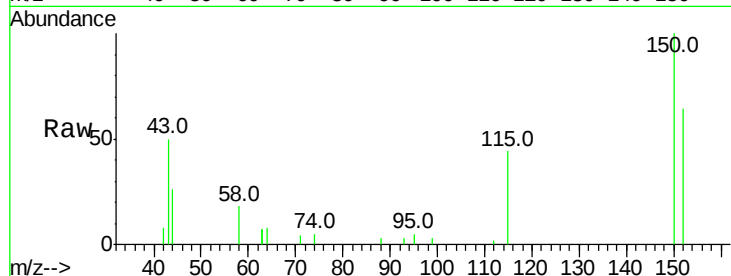


#1

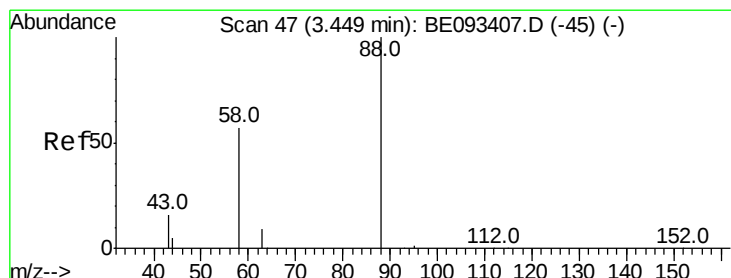
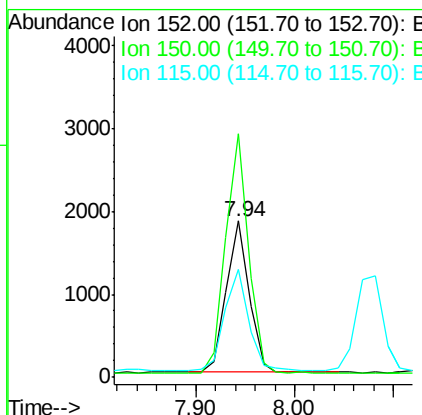
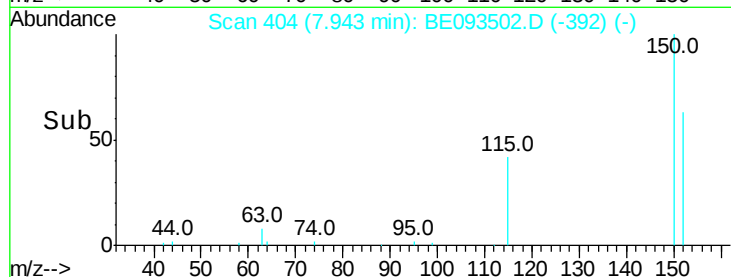
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093502.D
Acq: 20 Jul 2017 16:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2910
Ion Ratio Lower Upper
152 100
150 155.6 125.1 187.7
115 69.0 55.7 83.5



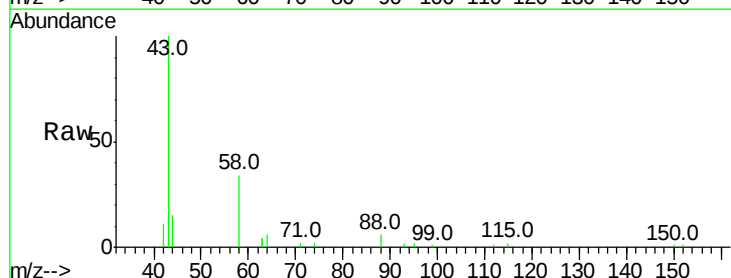
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



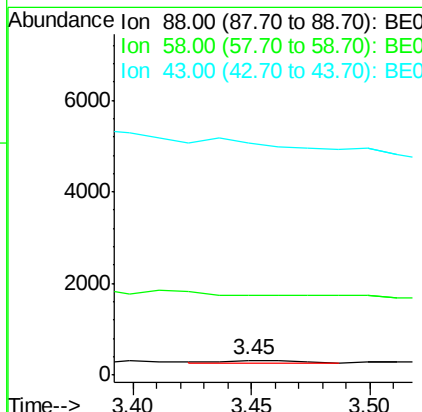
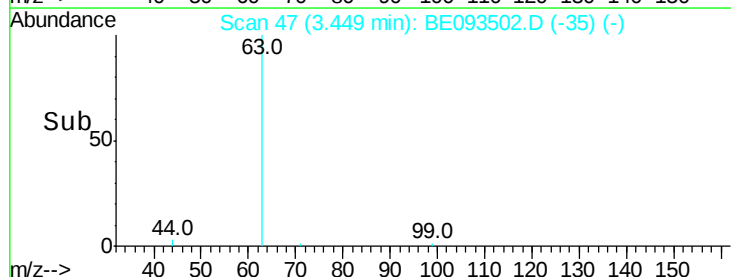
#2

1,4-Dioxane
Concen: 0.020 ng
RT: 3.45 min Scan# 47
Delta R.T. -0.00 min
Lab File: BE093502.D
Acq: 20 Jul 2017 16:56

Tgt Ion: 88 Resp: 124
Ion Ratio Lower Upper
88 100
58 0.0 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



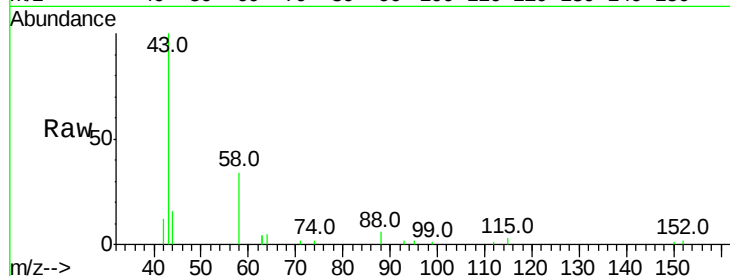


#3

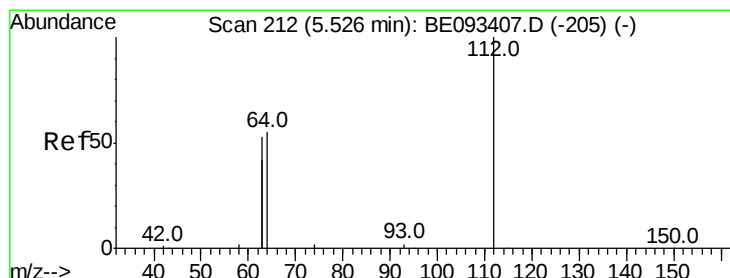
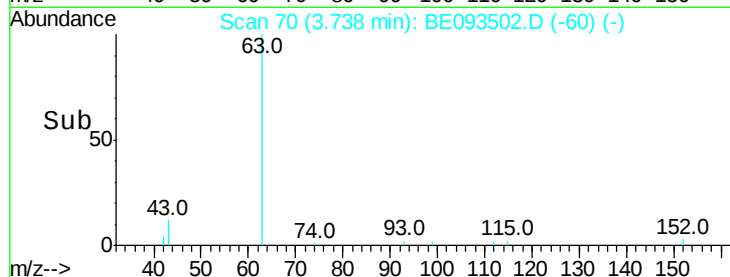
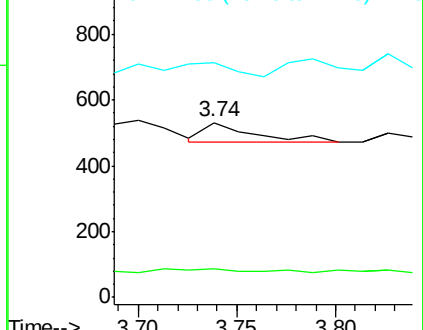
n-Nitrosodimethylamine
 Concen: 0.149 ng
 RT: 3.74 min Scan# 70
 Delta R.T. -0.02 min
 Lab File: BE093502.D
 Acq: 20 Jul 2017 16:56

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 108
 Ion Ratio Lower Upper
 42 100
 74 0.0 99.1 148.7#
 44 110.2 7.4 11.2#



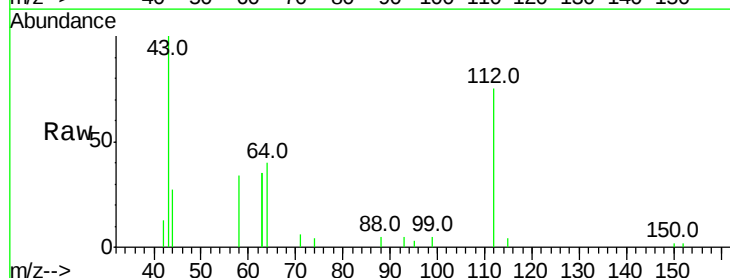
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



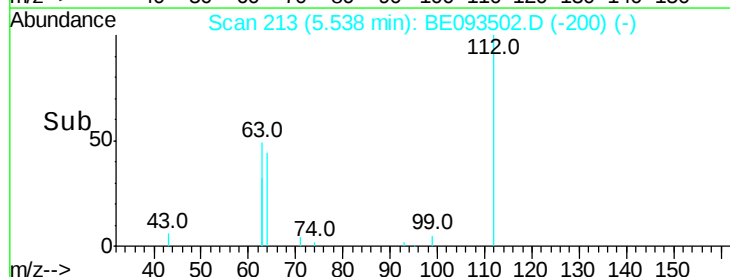
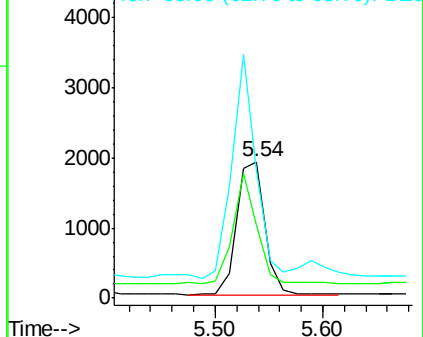
#4

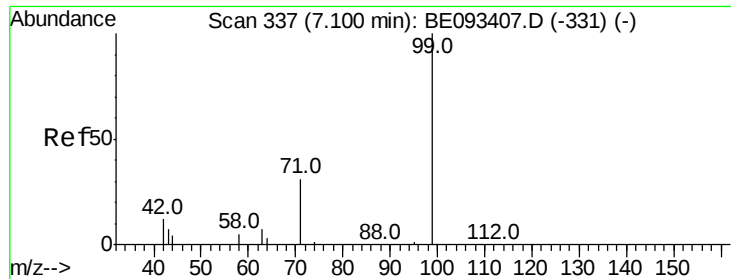
2-Fluorophenol
 Concen: 0.393 ng
 RT: 5.54 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: BE093502.D
 Acq: 20 Jul 2017 16:56

Tgt Ion: 112 Resp: 3452
 Ion Ratio Lower Upper
 112 100
 64 72.9 56.4 84.6
 63 141.5 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: 0.389 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.01 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

Instrument :

BNA_E

ClientSampleId :

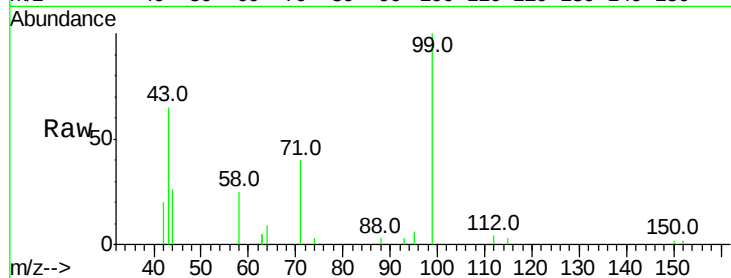
Tot Ion: 99 Resp: 5032

Ion Ratio Lower Upper

99 100

42 22.6 0.0 0.0#

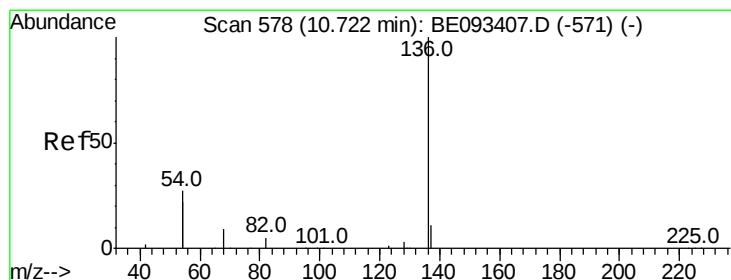
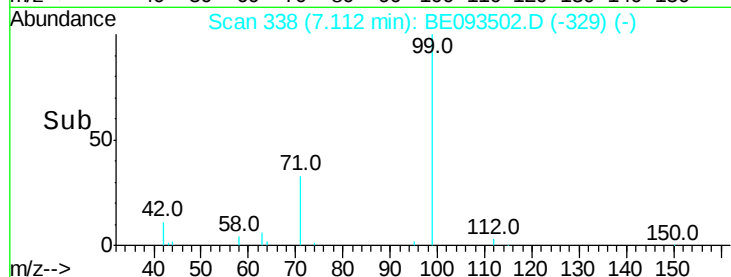
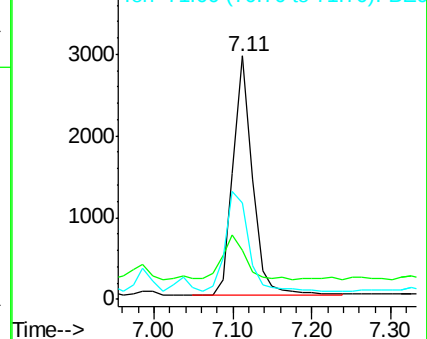
71 49.0 0.0 0.0#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

Tgt Ion: 136 Resp: 13805

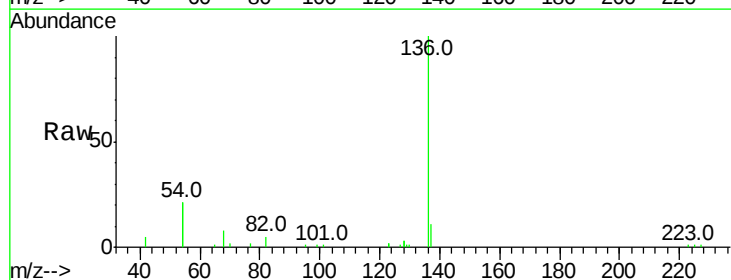
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.8

54 41.1 10.3 15.5#

68 8.5 9.0 13.4#

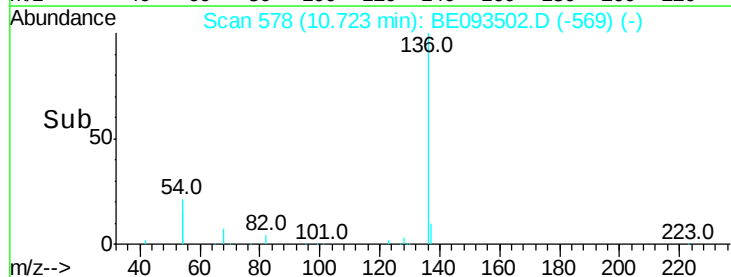
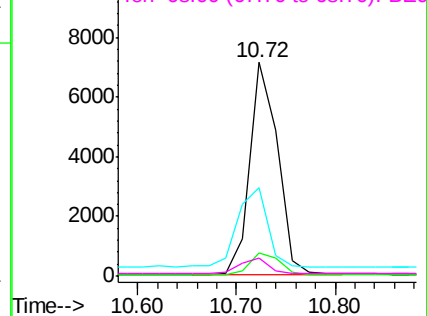


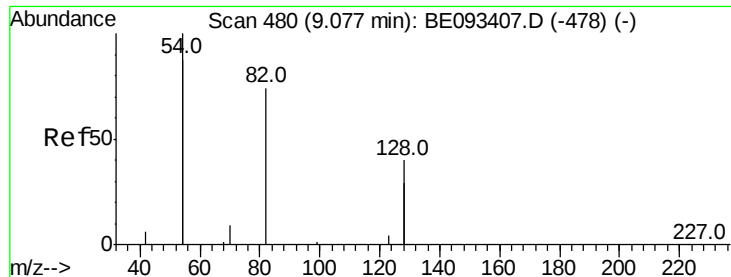
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.455 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

Instrument :

BNA_E

ClientSampleId :

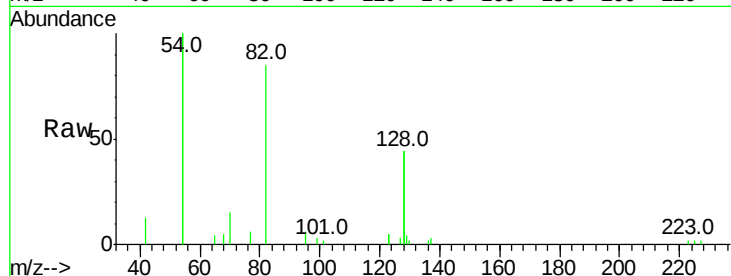
Tot Ion: 82 Resp: 4010

Ion Ratio Lower Upper

82 100

128 102.5 17.0 25.4#

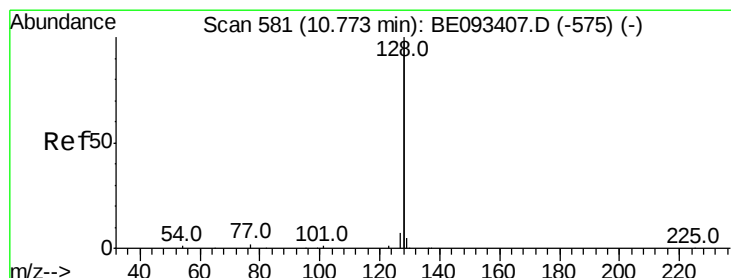
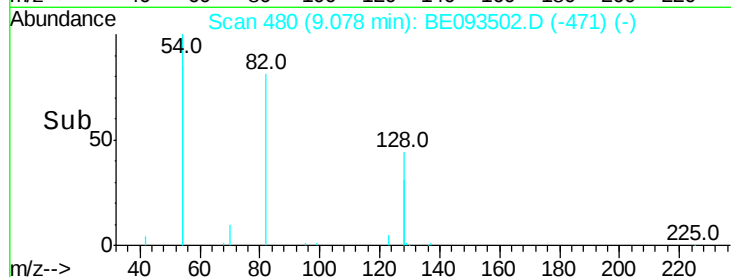
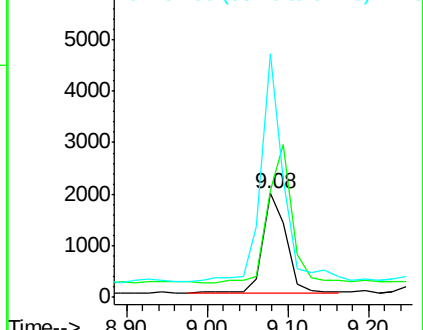
54 235.0 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093502.D (-471) (-)

Ion 128.00 (127.70 to 128.70): BE093502.D (-471) (-)

Ion 54.00 (53.70 to 54.70): BE093502.D (-471) (-)



#9

Naphthalene

Concen: 0.027 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

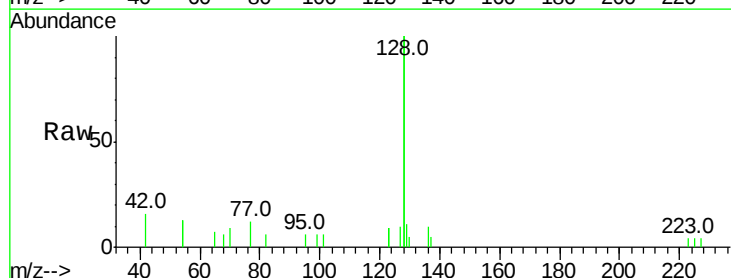
Tgt Ion: 128 Resp: 3902

Ion Ratio Lower Upper

128 100

129 5.6 11.4 17.0#

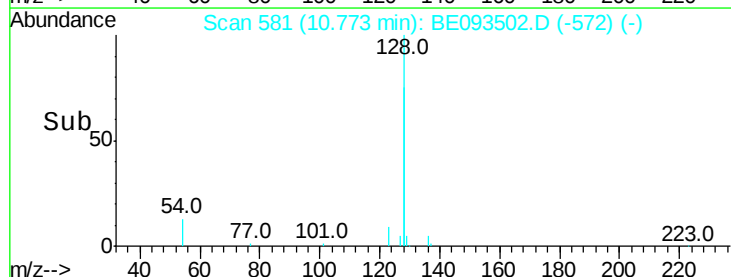
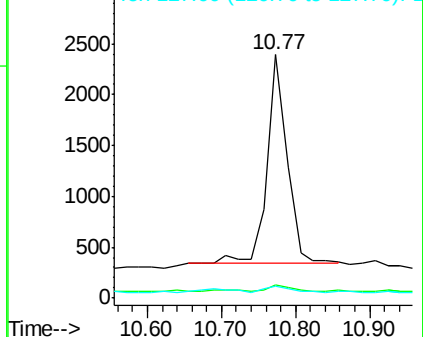
127 5.0 11.2 16.8#

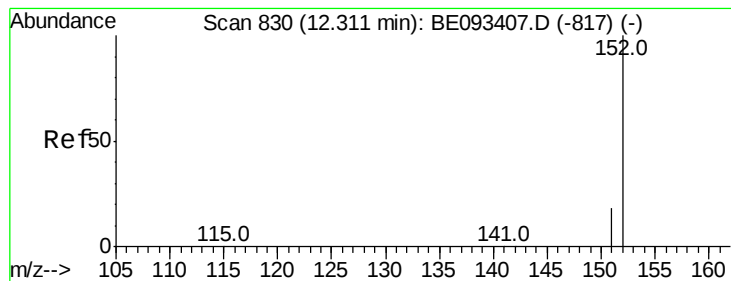


Abundance Ion 128.00 (127.70 to 128.70): BE093502.D (-572) (-)

Ion 129.00 (128.70 to 129.70): BE093502.D (-572) (-)

Ion 127.00 (126.70 to 127.70): BE093502.D (-572) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.334 ng

RT: 12.31 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

Instrument :

BNA_E

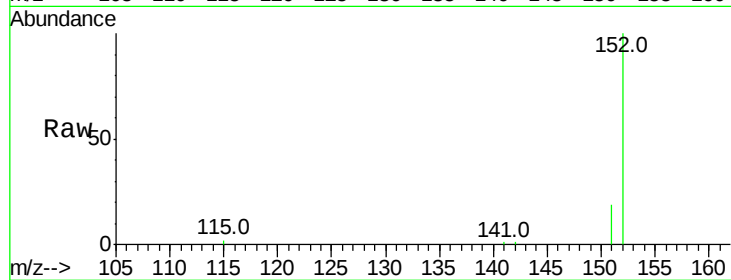
ClientSampleId :

Tot Ion:152 Resp: 7360

Ion Ratio Lower Upper

152 100

151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.31

5000

4000

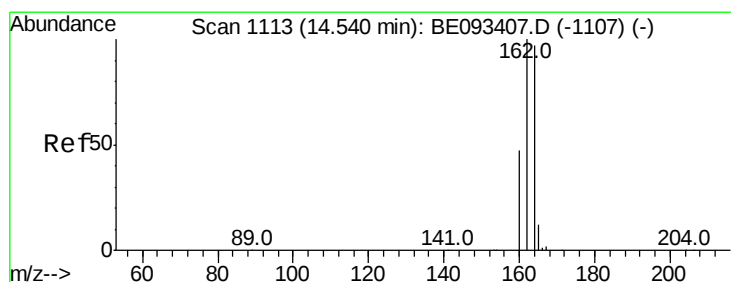
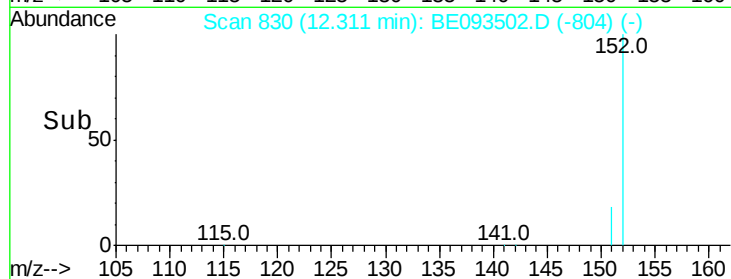
3000

2000

1000

0

Time--> 12.20 12.30 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

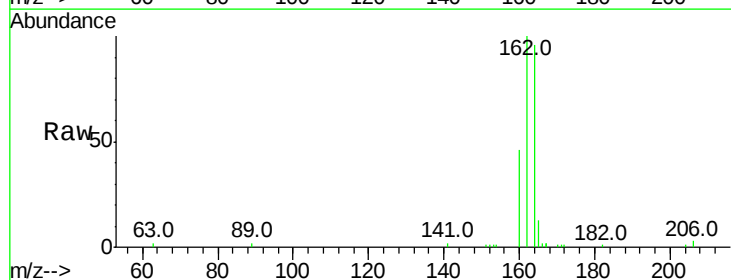
Tgt Ion:164 Resp: 8450

Ion Ratio Lower Upper

164 100

162 104.0 84.6 127.0

160 48.2 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

14.54

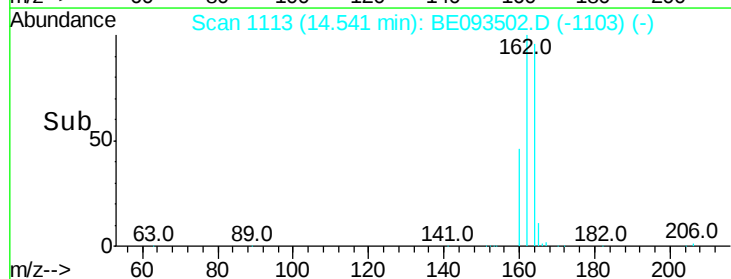
6000

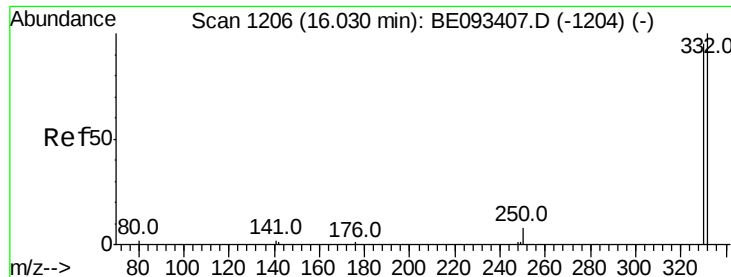
4000

2000

0

Time--> 14.50 14.60





#14

2,4,6-Tribromophenol

Concen: 0.459 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

Instrument :

BNA_E

ClientSampleId :

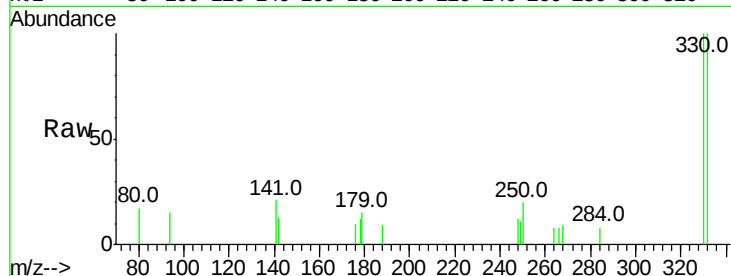
Tot Ion:330 Resp: 1218

Ion Ratio Lower Upper

330 100

332 101.3 77.7 116.5

141 0.0 56.2 84.4#



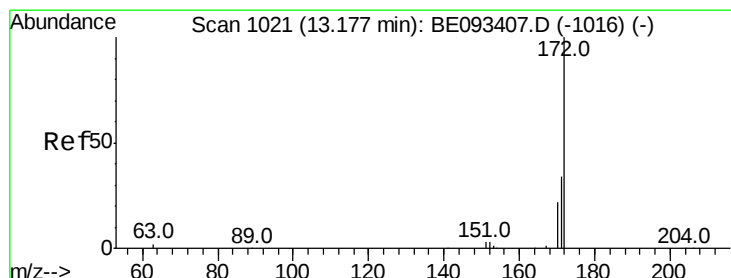
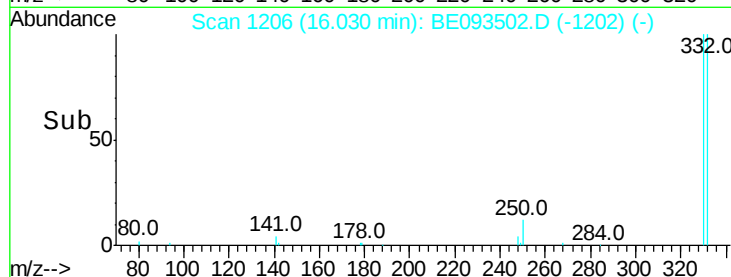
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

15.95 16.00 16.05



#15

2-Fluorobiphenyl

Concen: 0.333 ng

RT: 13.18 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

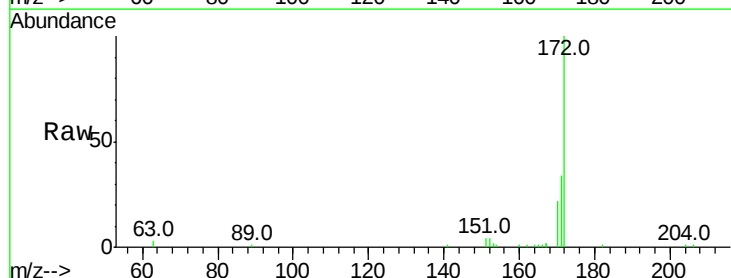
Tgt Ion:172 Resp: 10912

Ion Ratio Lower Upper

172 100

171 33.6 29.8 44.6

170 22.0 20.7 31.1



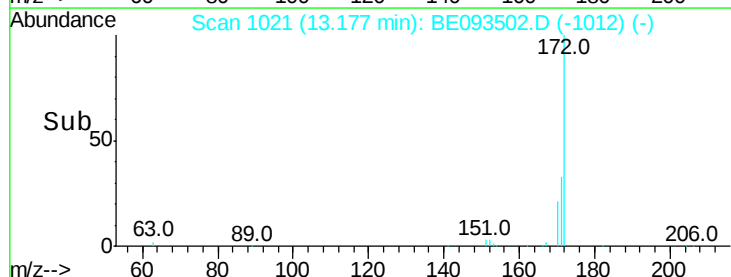
Abundance Ion 172.00 (171.70 to 172.70): E

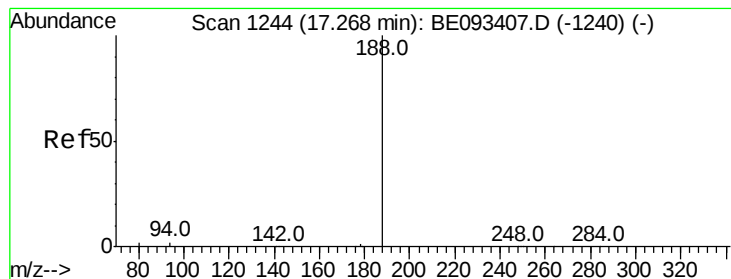
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->

13.10 13.20 13.30





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

Instrument :

BNA_E

ClientSampleId :

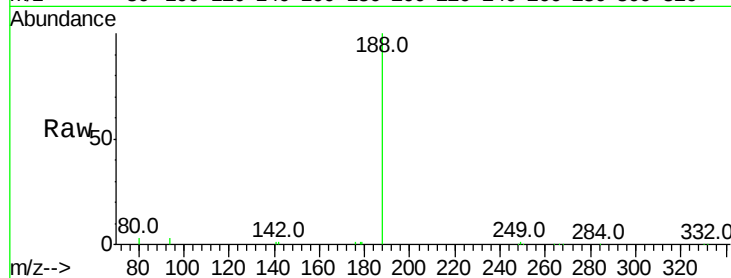
Tot Ion:188 Resp: 26642

Ion Ratio Lower Upper

188 100

94 3.5 11.3 16.9#

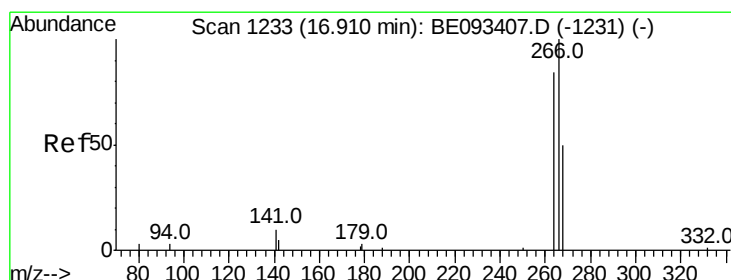
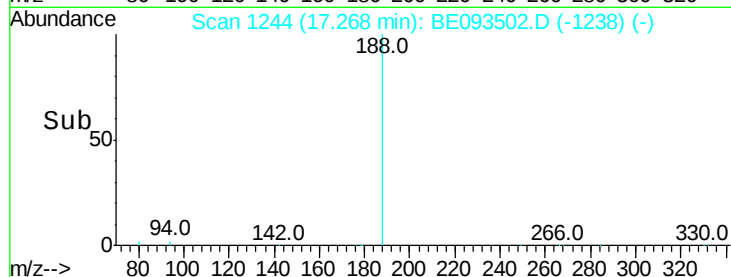
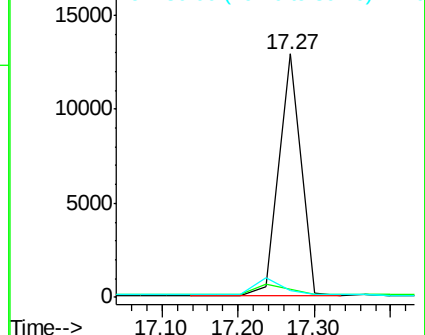
80 3.0 11.7 17.5#



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



#22

Pentachlorophenol

Concen: Below Cal

RT: 16.94 min Scan# 1234

Delta R.T. 0.03 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

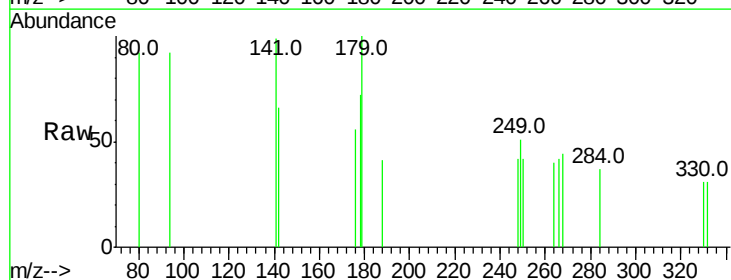
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 96.8 58.2 87.2#

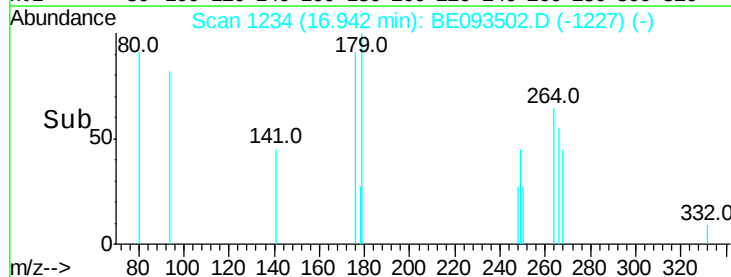
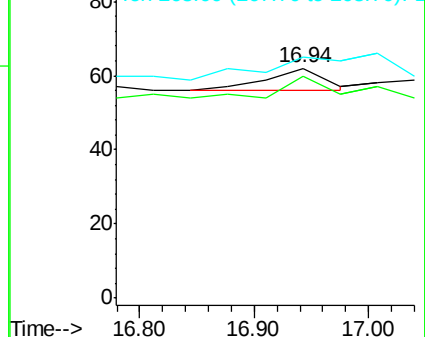
268 104.8 71.9 107.9

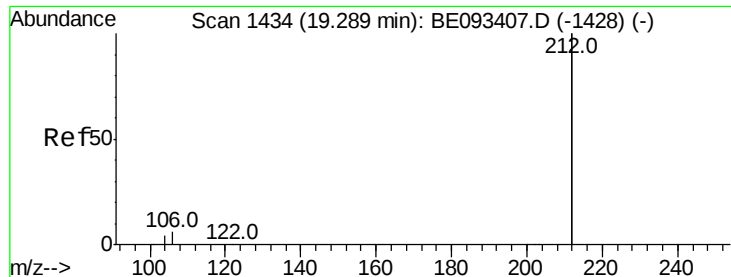


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.319 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

Instrument :

BNA_E

ClientSampleId :

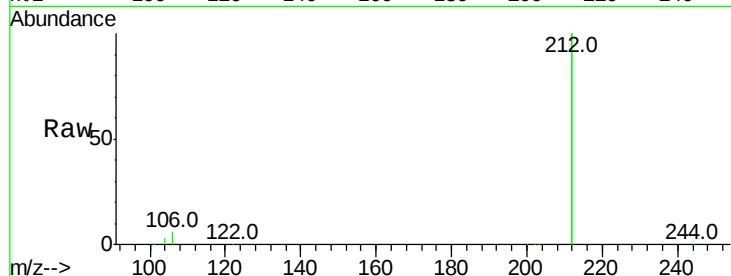
Tot Ion:212 Resp: 102563

Ion Ratio Lower Upper

212 100

106 3.3 2.4 3.6

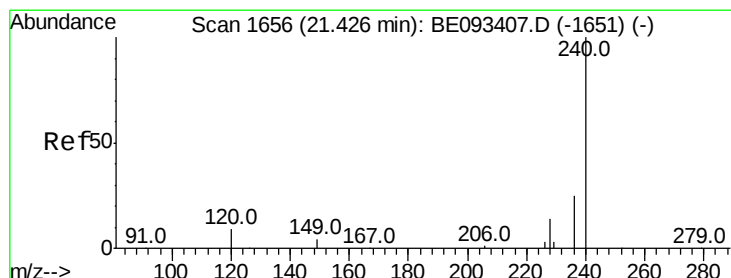
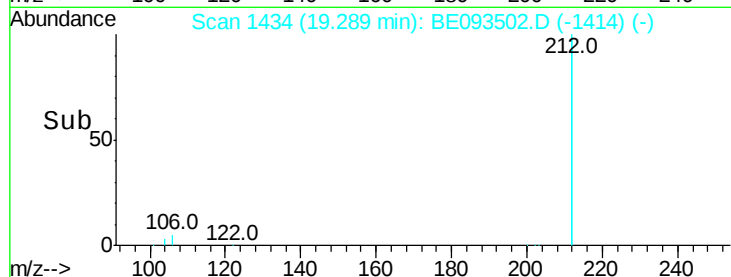
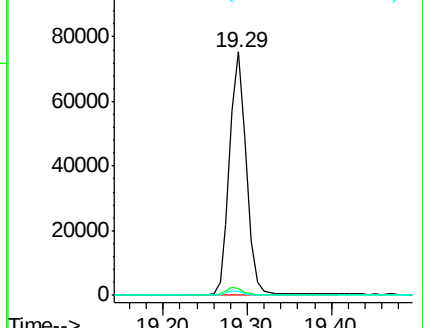
104 1.9 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

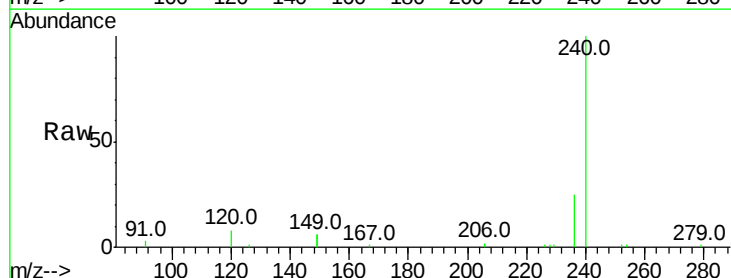
Tgt Ion:240 Resp: 28596

Ion Ratio Lower Upper

240 100

120 7.6 4.6 7.0#

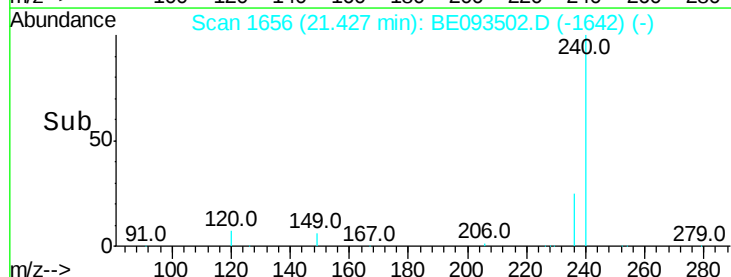
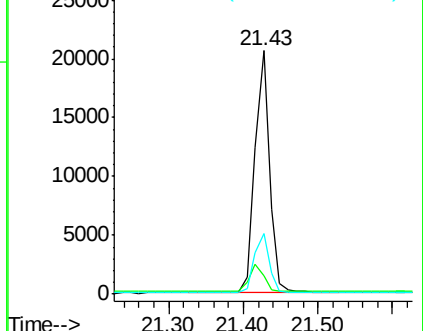
236 25.1 20.8 31.2

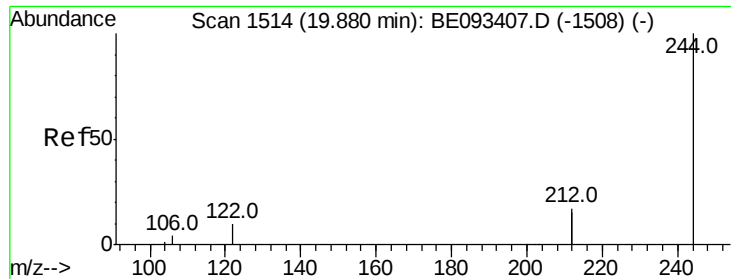


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.362 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

Instrument :

BNA_E

ClientSampleId :

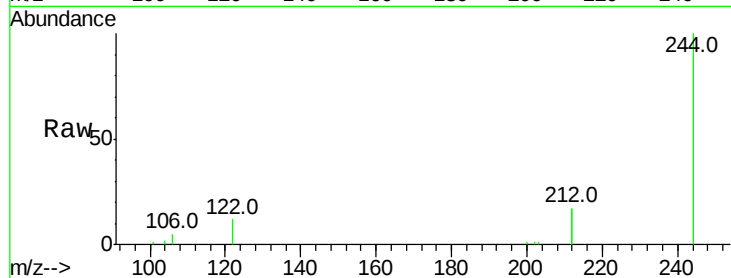
Tot Ion:244 Resp: 18467

Ion Ratio Lower Upper

244 100

212 34.8 10.6 16.0#

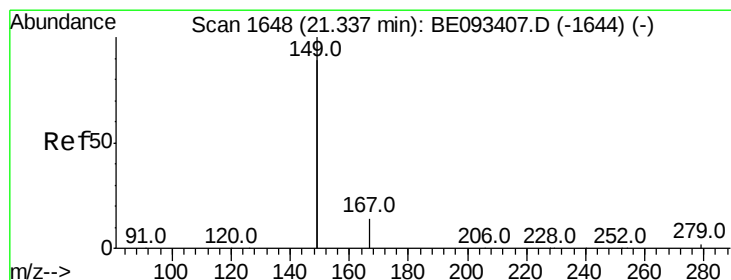
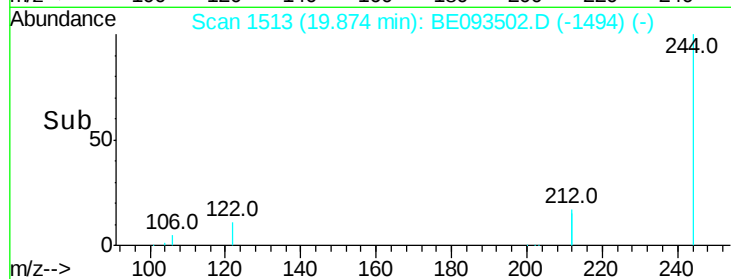
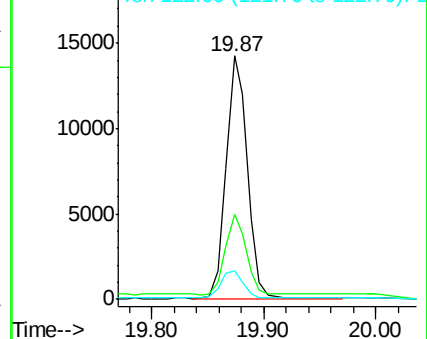
122 11.8 15.4 23.0#



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: 0.067 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

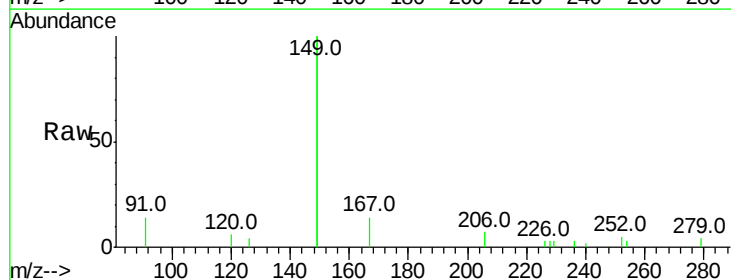
Tgt Ion:149 Resp: 7465

Ion Ratio Lower Upper

149 100

167 6.5 20.1 30.1#

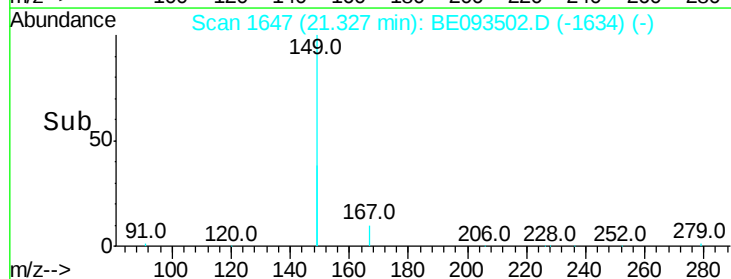
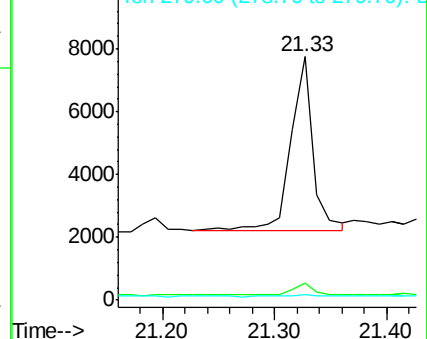
279 2.2 2.2 3.4#

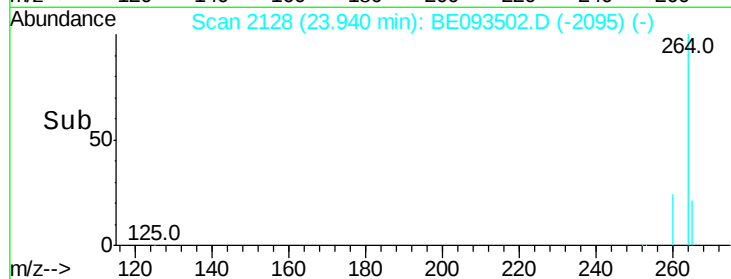
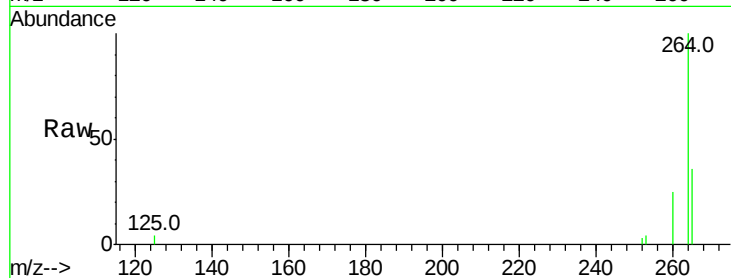
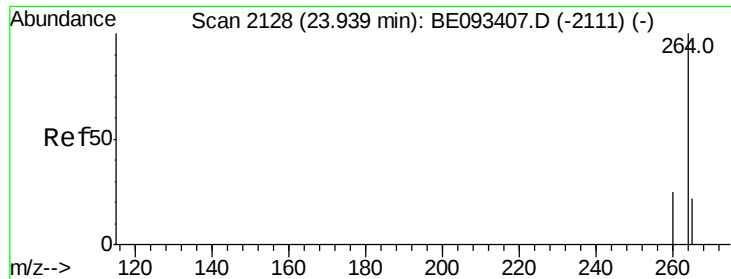


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlone-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BE093502.D

Acq: 20 Jul 2017 16:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 23879

Ion Ratio Lower Upper

264 100

260 25.0 21.0 31.4

265 35.8 24.6 36.8

