

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
 Data File : BE093906.D
 Acq On : 1 Sep 2017 17:36
 Operator : SJ/JU
 Sample : I4963-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3821-PP2

Quant Time: Sep 02 01:20:02 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:31:36 2017
 Response via : Initial Calibration

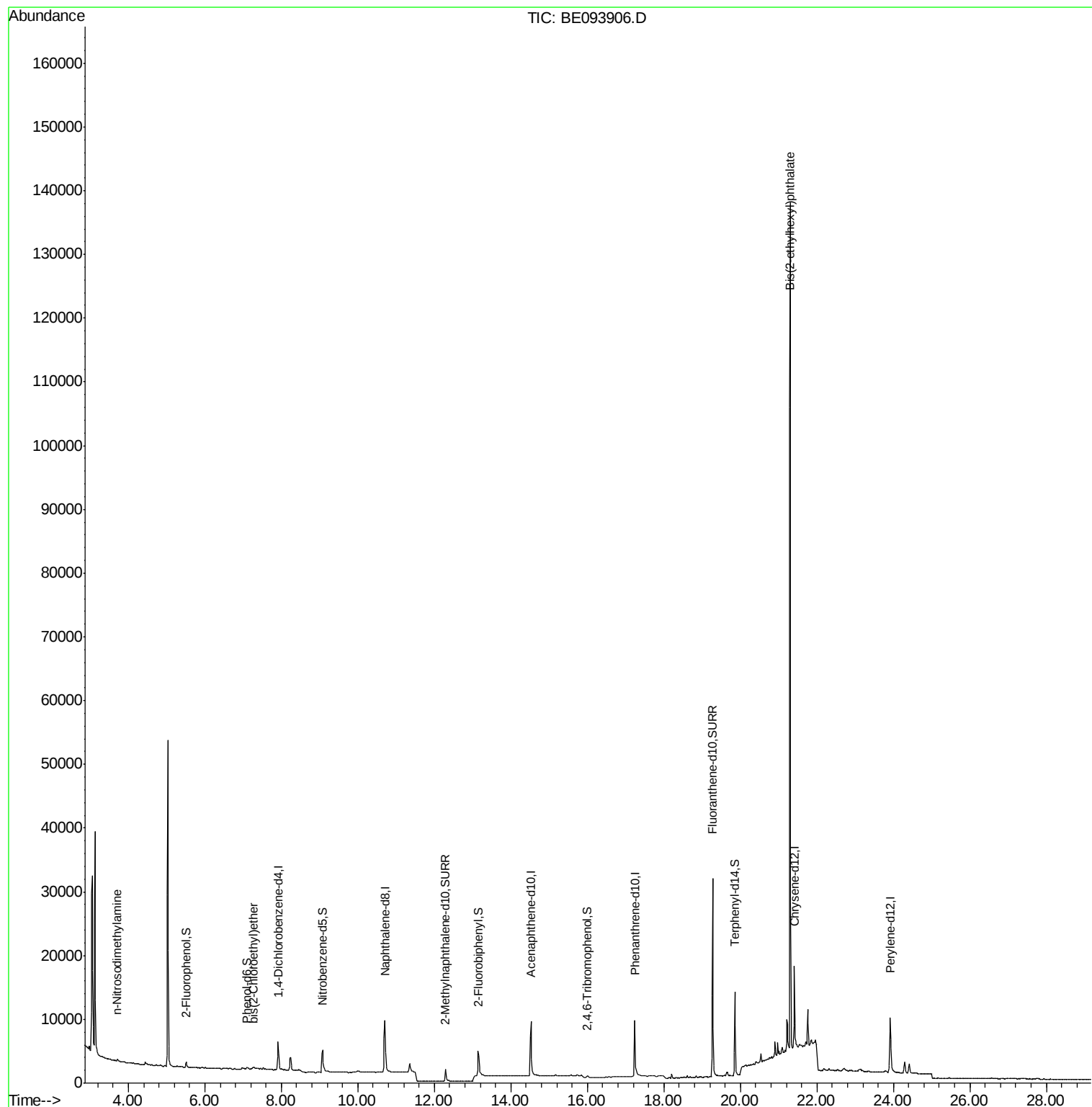
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2278	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11420	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6528	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16156	0.40	ng	0.00
27) Chrysene-d12	21.42	240	17108	0.40	ng	0.00
34) Perylene-d12	23.92	264	14889	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	548	0.08	ng	0.00
5) Phenol-d6	7.10	99	475	0.04	ng	0.00
8) Nitrobenzene-d5	9.08	82	2210	0.23	ng	0.02
11) 2-Methylnaphthalene-d10	12.29	152	3832	0.21	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	389	0.22	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	6115	0.24	ng	-0.01
25) Fluoranthene-d10	19.27	212	46195	0.25	ng	0.00
29) Terphenyl-d14	19.86	244	12546	0.41	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.71	42	77	0.022	ng	# 1
6) bis(2-Chloroethyl)ether	7.26	93	1252	0.152	ng	# 1
20) 4-Bromophenyl-phenylether	16.45	248	16	Below Cal	#	38
21) Hexachlorobenzene	16.58	284	8	Below Cal	#	100
32) Bis(2-ethylhexyl)phthalate	21.30	149	169135	1.579	ng	99

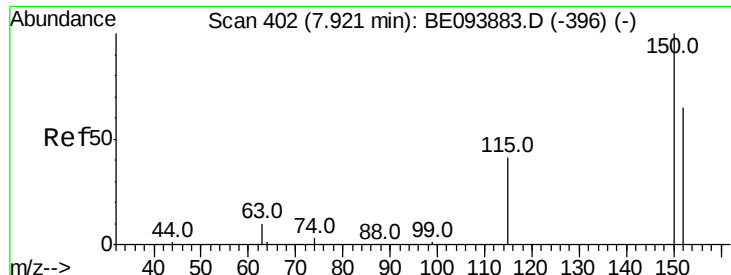
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 01 16:31:36 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

Instrument :

BNA_E

ClientSampleId :

3821-PP2

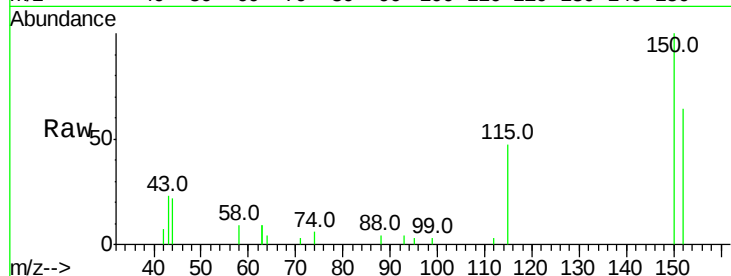
Tot Ion:152 Resp: 2278

Ion Ratio Lower Upper

152 100

150 156.3 121.8 182.6

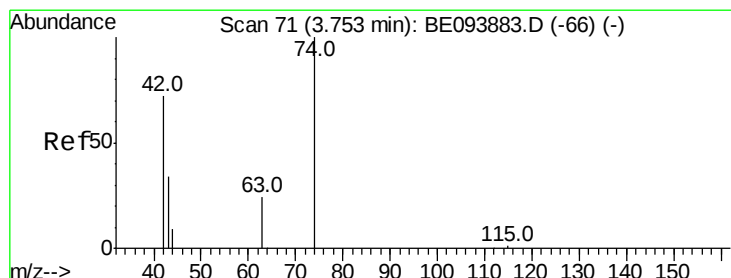
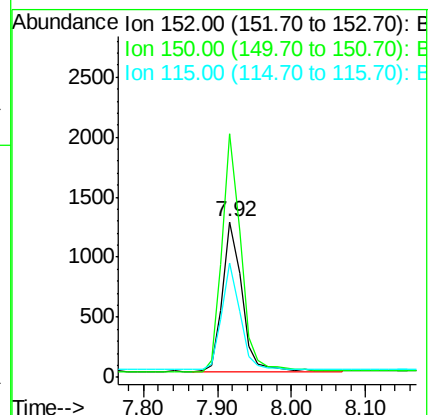
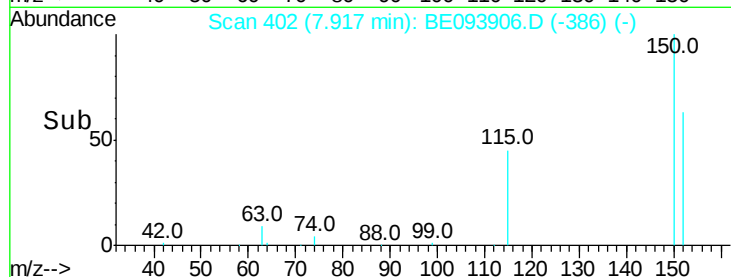
115 73.5 52.6 79.0



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



#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.71 min Scan# 68

Delta R.T. -0.04 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

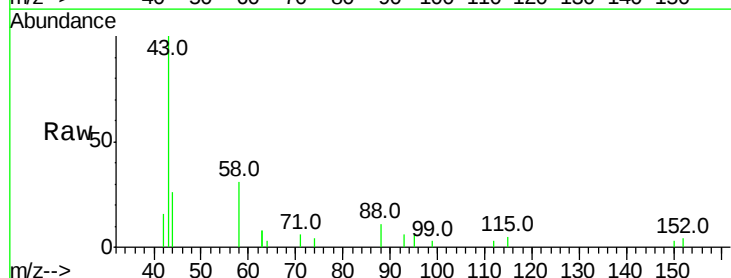
Tgt Ion: 42 Resp: 77

Ion Ratio Lower Upper

42 100

74 14.3 104.0 156.0#

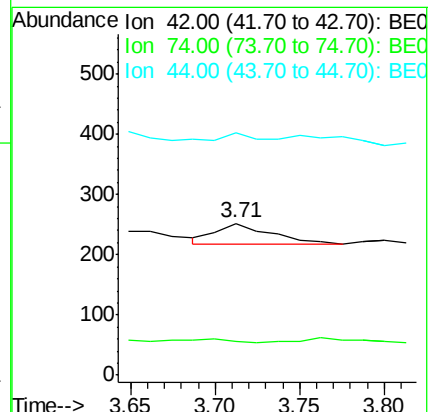
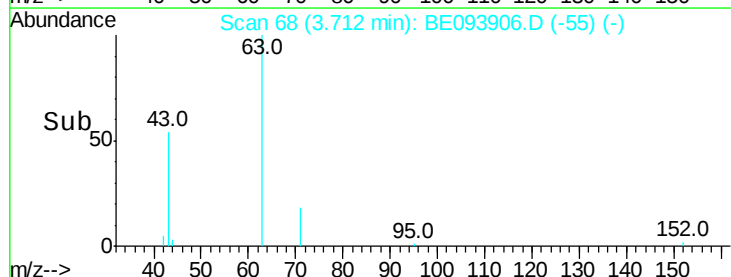
44 64.9 13.8 20.8#

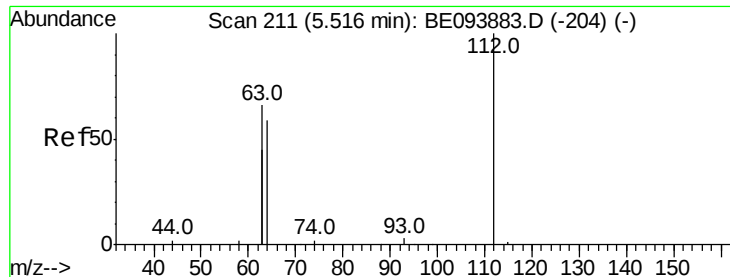


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.078 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

Instrument :

BNA_E

ClientSampleId :

3821-PP2

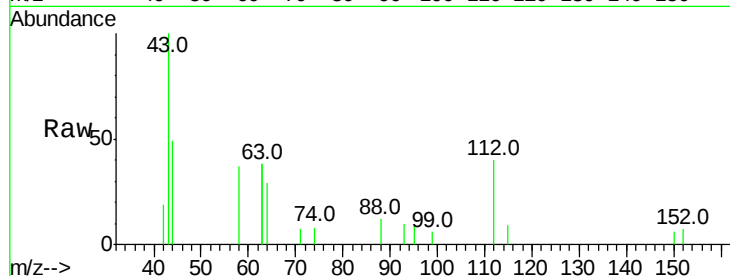
Tot Ion: 112 Resp: 548

Ion Ratio Lower Upper

112 100

64 72.1 57.7 86.5

63 149.6 116.0 174.0



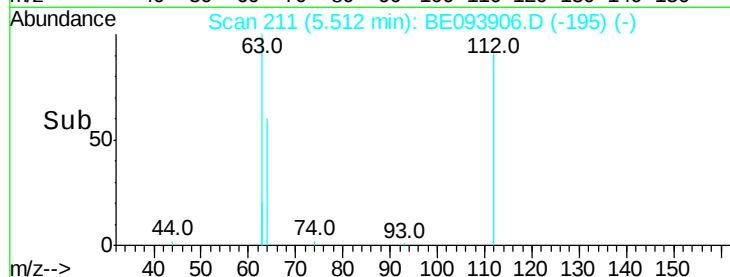
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

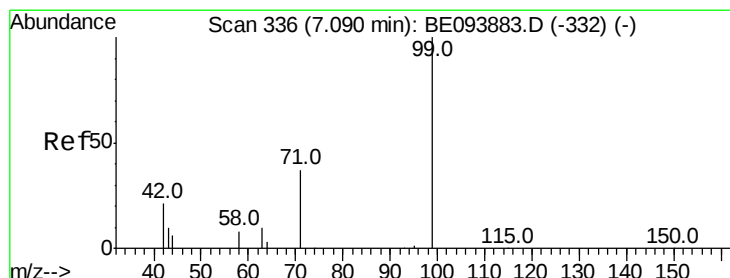
Ion 63.00 (62.70 to 63.70): BE0

5.51

Time-->



Time-->



#5

Phenol-d6

Concen: 0.044 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

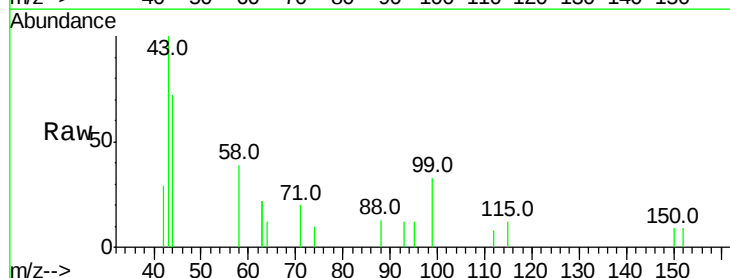
Tgt Ion: 99 Resp: 475

Ion Ratio Lower Upper

99 100

42 21.3 17.1 25.7

71 35.4 26.6 39.8



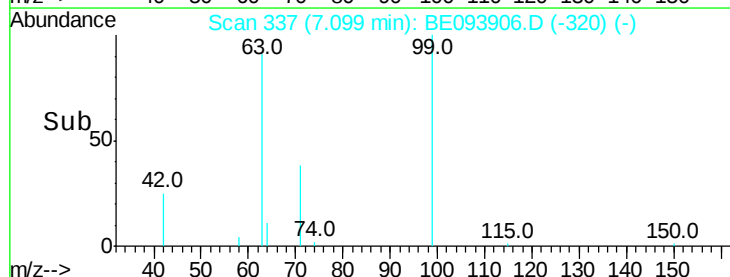
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

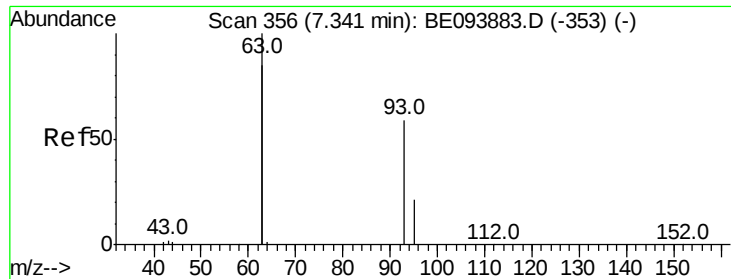
Ion 71.00 (70.70 to 71.70): BE0

7.10

Time-->



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.152 ng

RT: 7.26 min Scan# 350

Delta R.T. -0.08 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

Instrument :

BNA_E

ClientSampleId :

3821-PP2

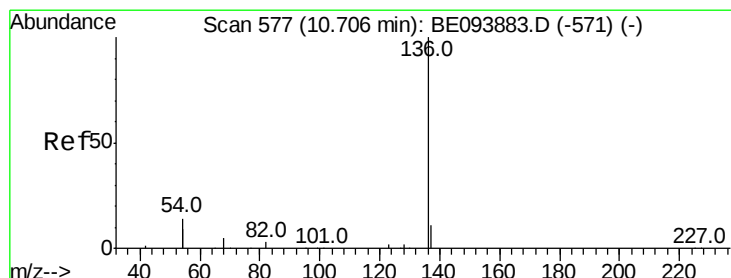
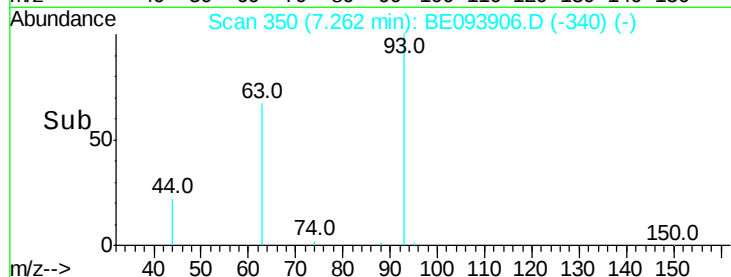
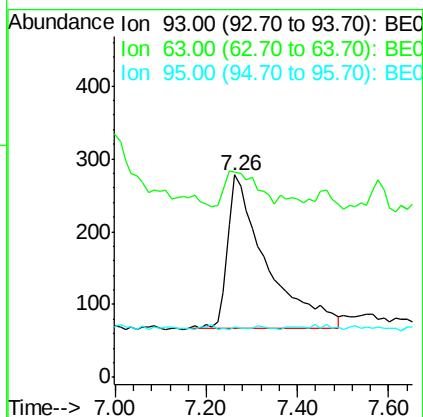
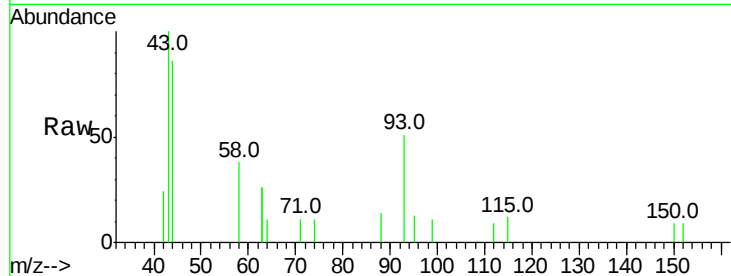
Tot Ion: 93 Resp: 1252

Ion Ratio Lower Upper

93 100

63 18.9 283.4 425.2#

95 0.4 26.9 40.3#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

Tgt Ion: 136 Resp: 11420

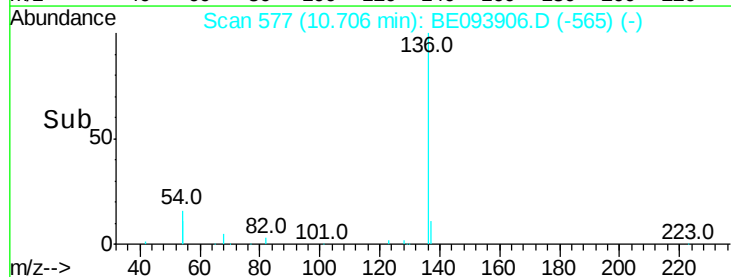
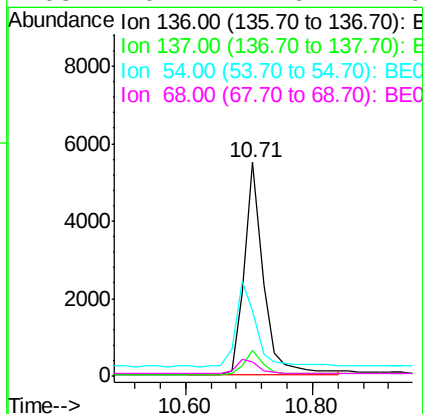
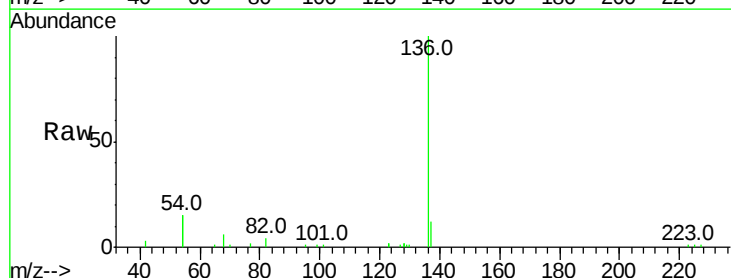
Ion Ratio Lower Upper

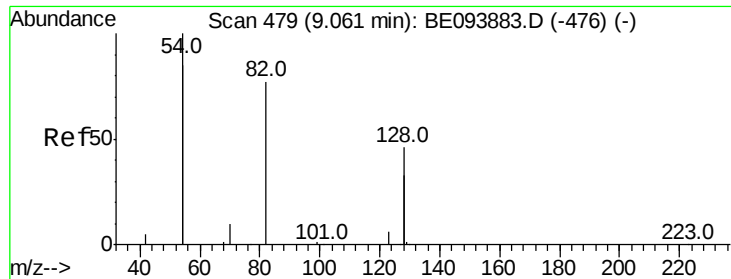
136 100

137 11.9 9.2 13.8

54 30.8 21.9 32.9

68 6.4 4.6 7.0

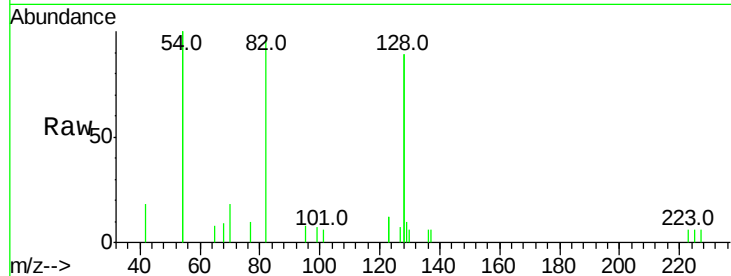




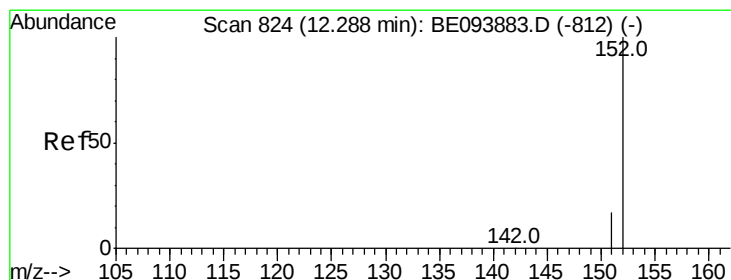
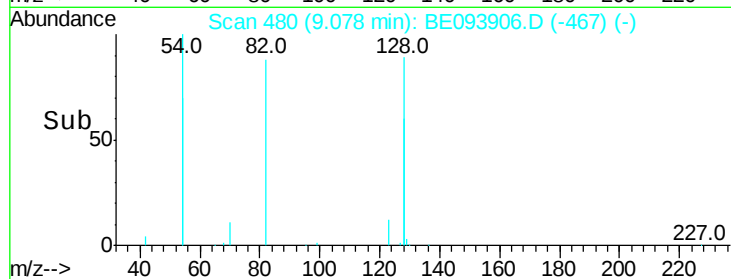
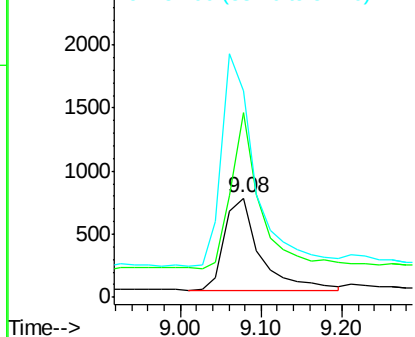
#8
 Nitrobenzene-d5
 Concen: 0.232 ng
 RT: 9.08 min Scan# 480
 Delta R.T. 0.02 min
 Lab File: BE093906.D
 Acq: 1 Sep 2017 17:36

Instrument :
 BNA_E
 ClientSampleId :
 3821-PP2

Tot Ion: 82 Resp: 2210
 Ion Ratio Lower Upper
 82 100
 128 186.5 91.4 137.0#
 54 208.9 197.8 296.8

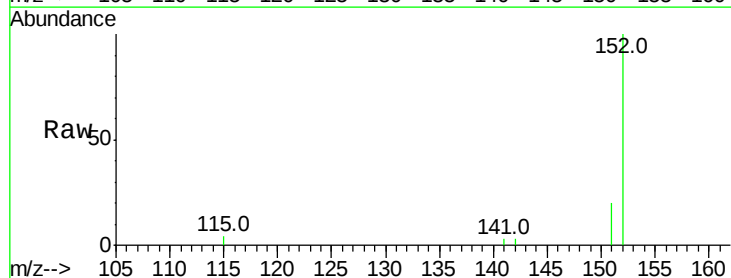


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

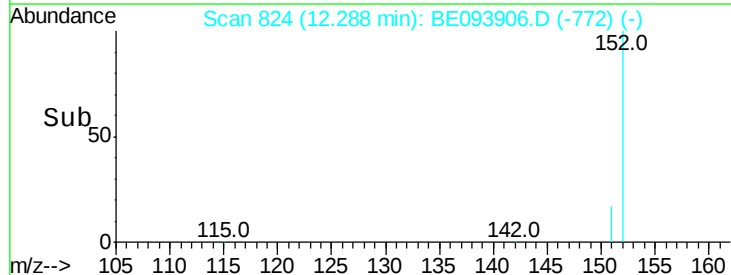
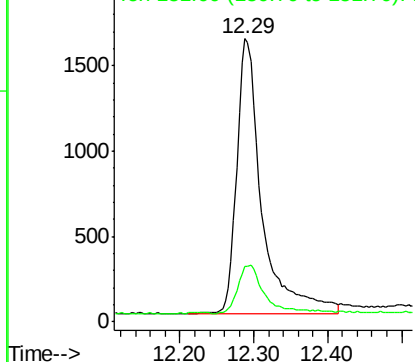


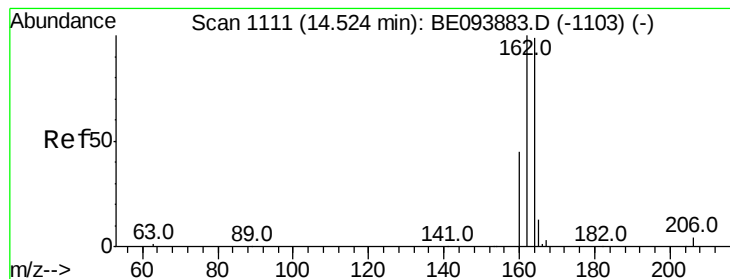
#11
 2-Methylnaphthalene-d10
 Concen: 0.212 ng
 RT: 12.29 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE093906.D
 Acq: 1 Sep 2017 17:36

Tgt Ion: 152 Resp: 3832
 Ion Ratio Lower Upper
 152 100
 151 18.4 15.4 23.0



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: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

Instrument :

BNA_E

ClientSampleId :

3821-PP2

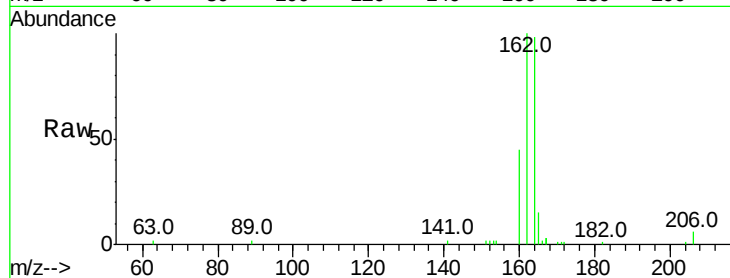
Tot Ion:164 Resp: 6528

Ion Ratio Lower Upper

164 100

162 101.6 80.8 121.2

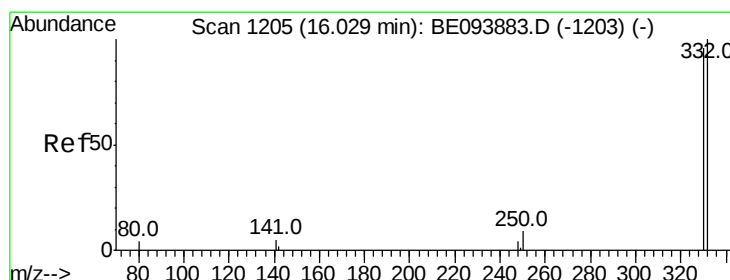
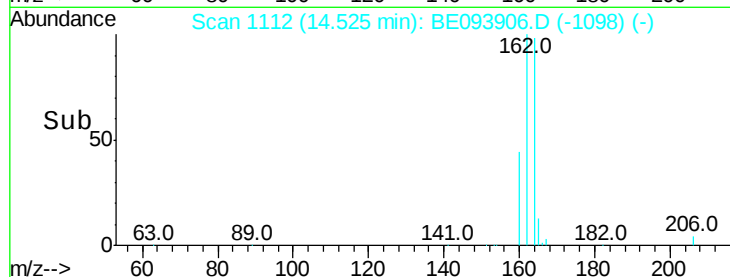
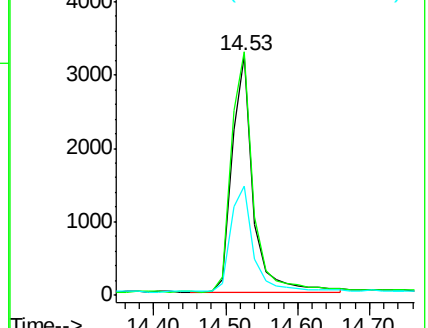
160 45.5 37.0 55.4



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

2,4,6-Tribromophenol

Concen: 0.222 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

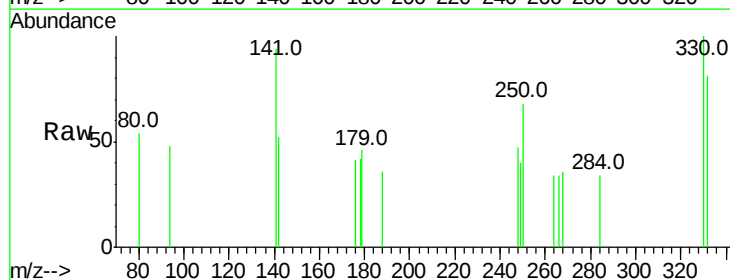
Tgt Ion:330 Resp: 389

Ion Ratio Lower Upper

330 100

332 0.0 76.9 115.3#

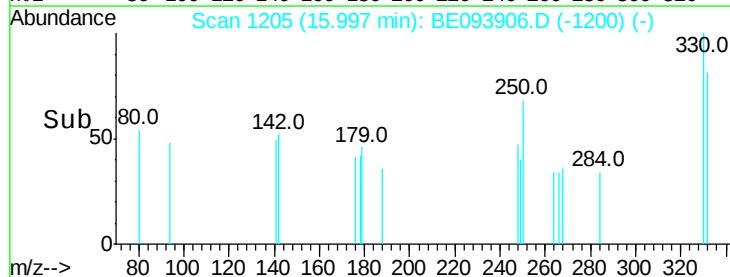
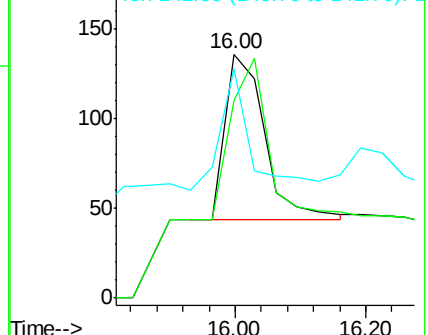
141 56.3 0.0 0.0#

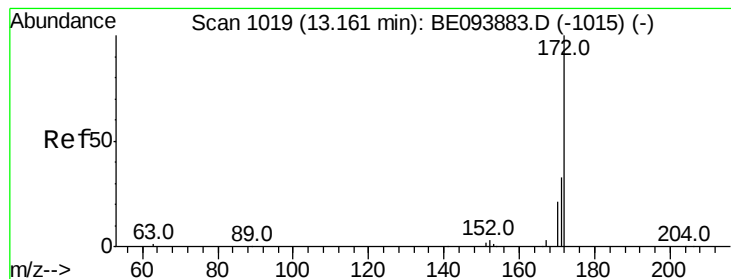


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.235 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

Instrument :

BNA_E

ClientSampleId :

3821-PP2

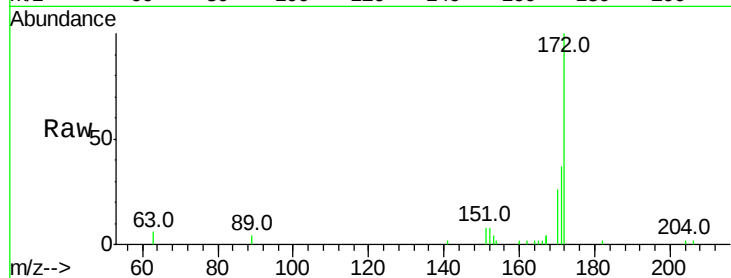
Tot Ion:172 Resp: 6115

Ion Ratio Lower Upper

172 100

171 37.3 26.9 40.3

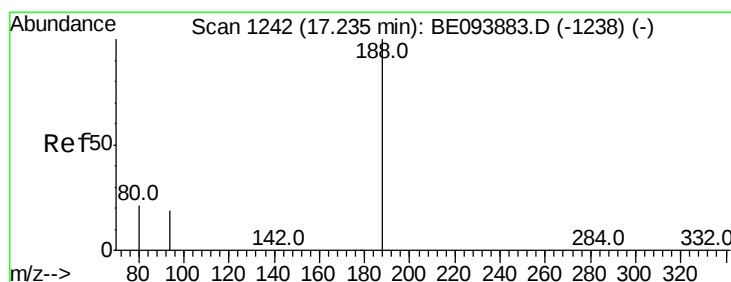
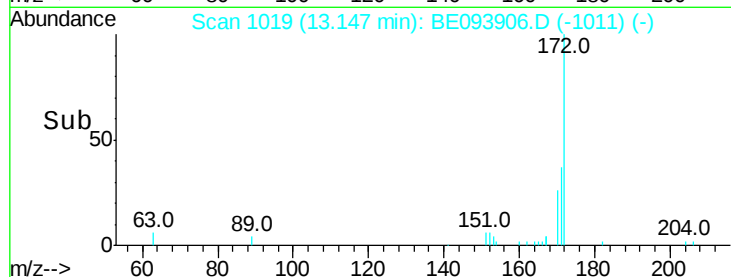
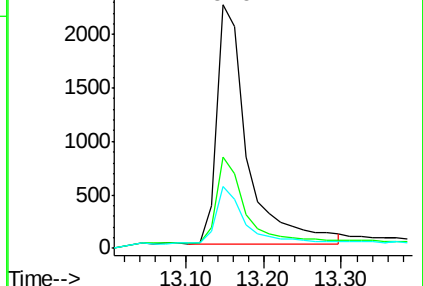
170 25.6 17.3 25.9



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

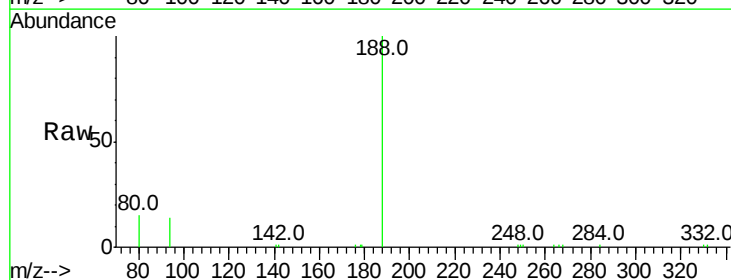
Tgt Ion:188 Resp: 16156

Ion Ratio Lower Upper

188 100

94 14.1 16.1 24.1#

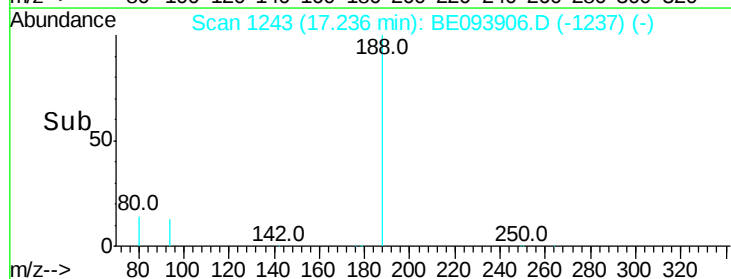
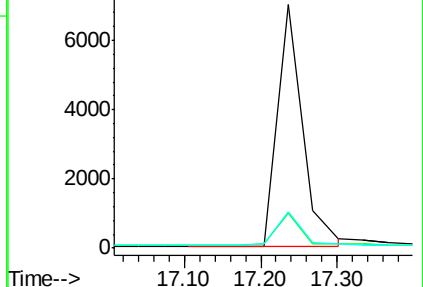
80 14.7 18.2 27.2#

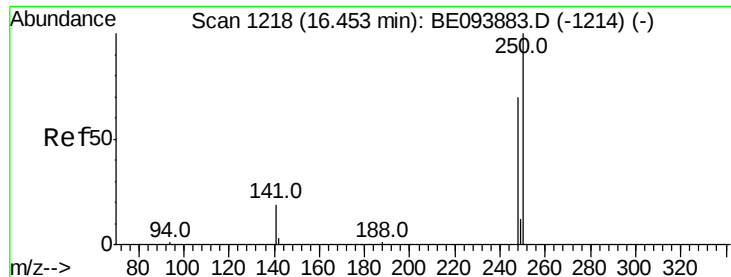


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

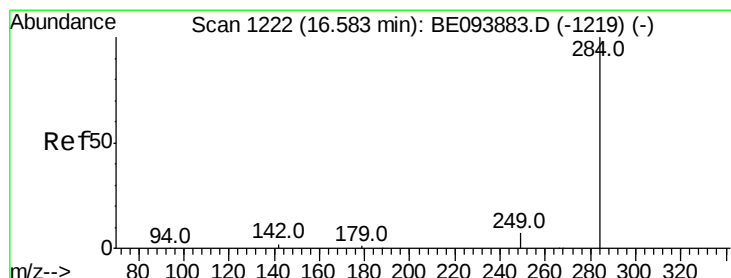
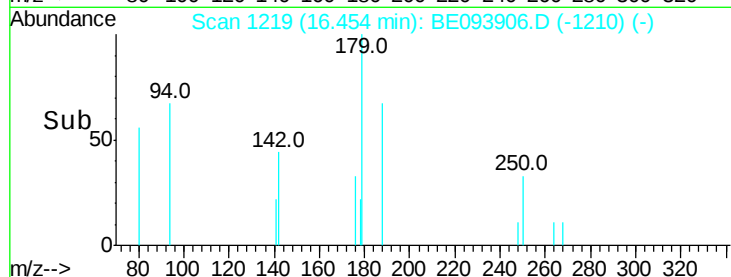
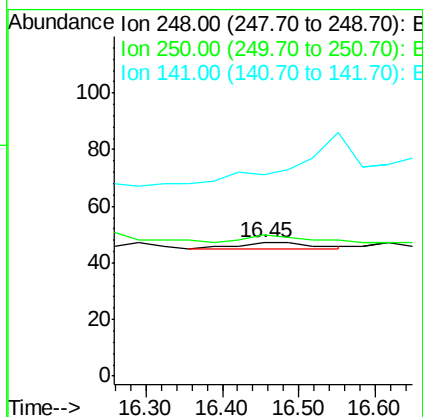
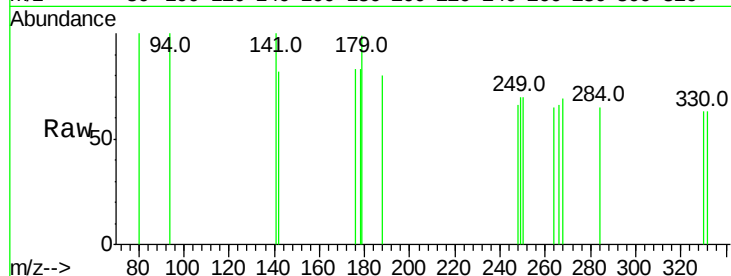




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093906.D
Acq: 1 Sep 2017 17:36

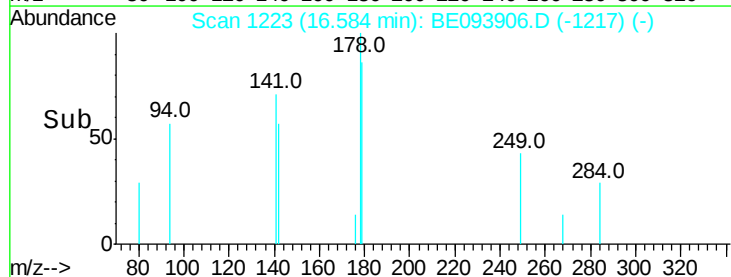
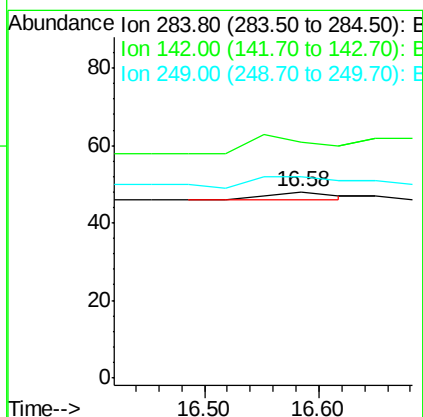
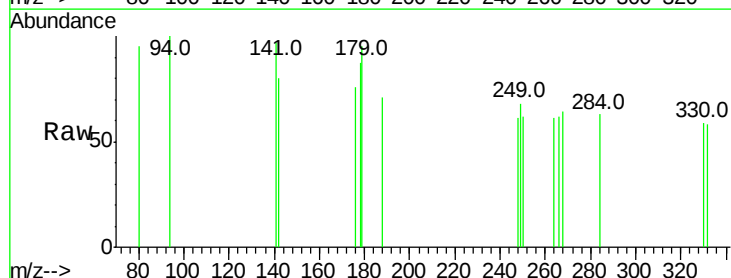
Instrument :
BNA_E
ClientSampled :
3821-PP2

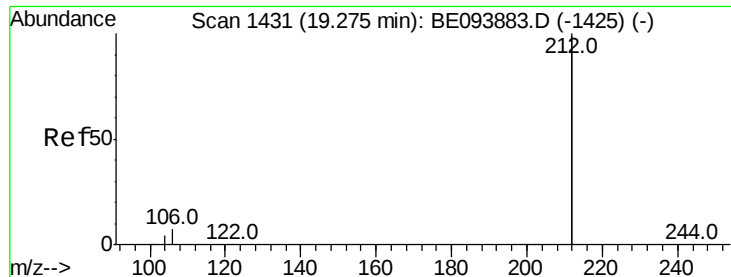
Tot Ion:248 Resp: 16
Ion Ratio Lower Upper
248 100
250 106.4 111.8 167.8#
141 151.1 27.1 40.7#



#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093906.D
Acq: 1 Sep 2017 17:36

Tgt Ion:284 Resp: 8
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0





#25

Fluoranthene-d10

Concen: 0.248 ng

RT: 19.27 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

Instrument :

BNA_E

ClientSampleId :

3821-PP2

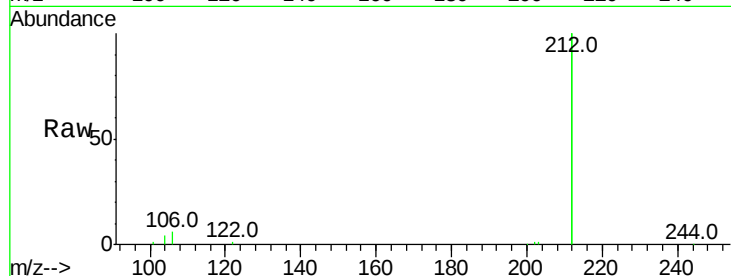
Tot Ion:212 Resp: 46195

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

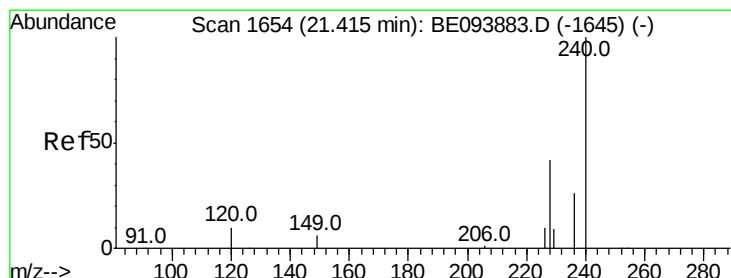
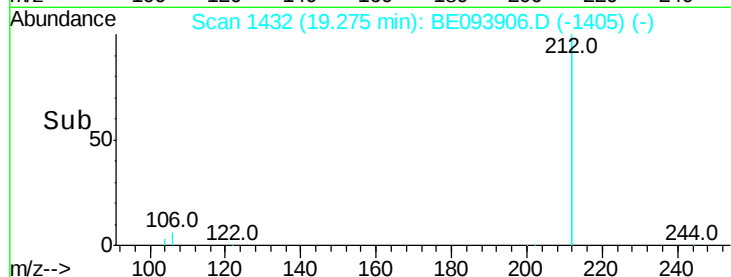
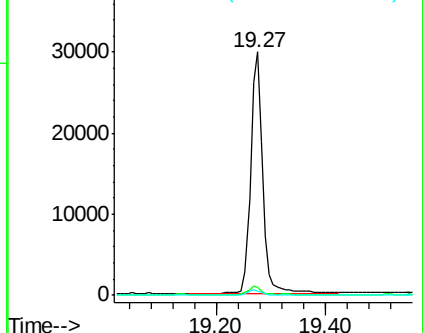
104 2.1 1.6 2.4



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: 21.42 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

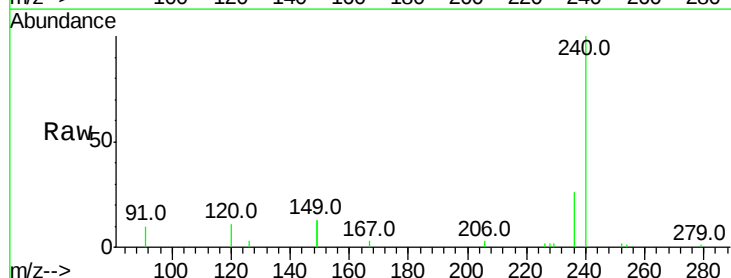
Tgt Ion:240 Resp: 17108

Ion Ratio Lower Upper

240 100

120 10.5 8.7 13.1

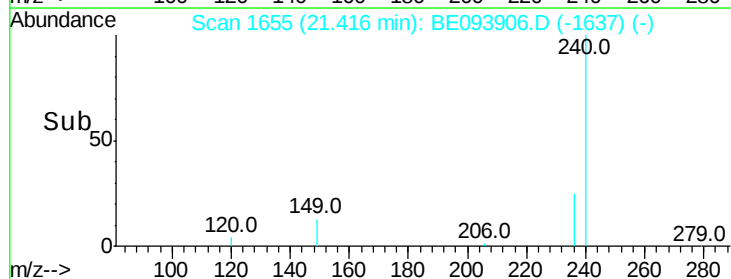
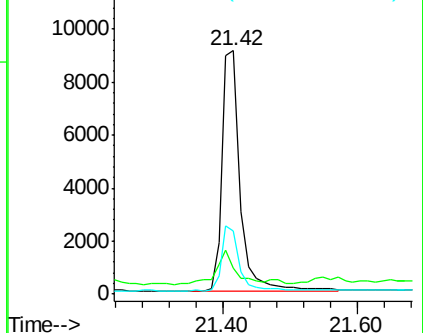
236 25.9 21.3 31.9

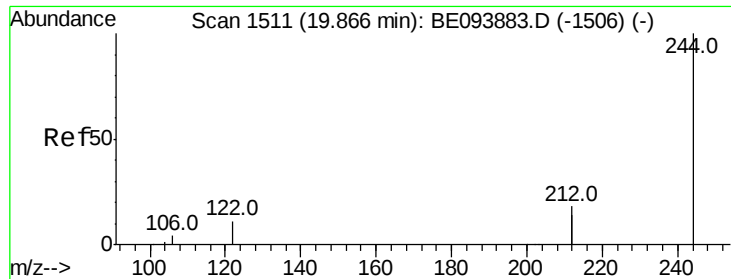


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

Instrument :

BNA_E

ClientSampleId :

3821-PP2

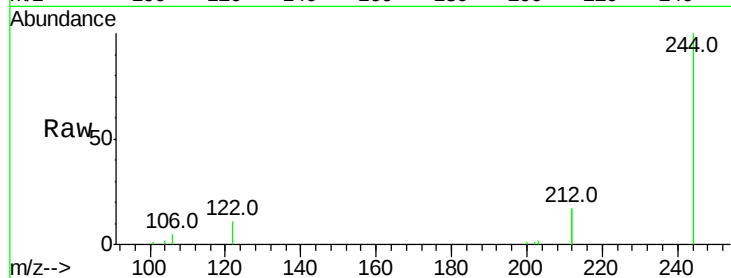
Tot Ion:244 Resp: 12546

Ion Ratio Lower Upper

244 100

212 33.2 28.3 42.5

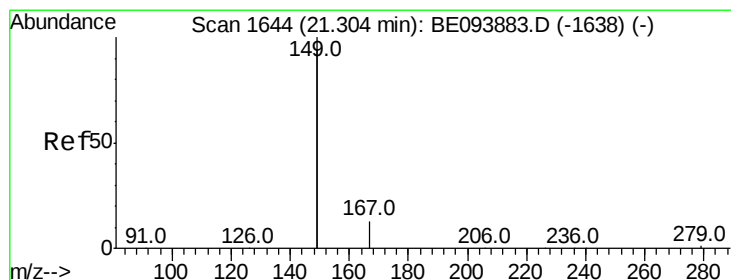
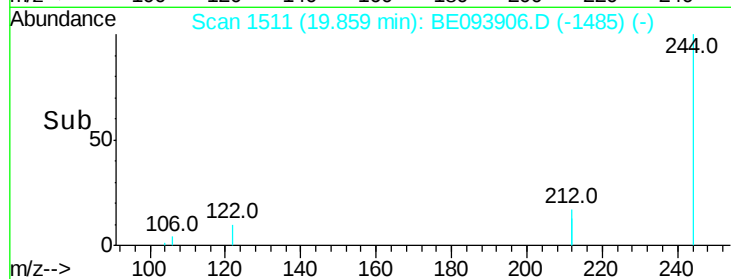
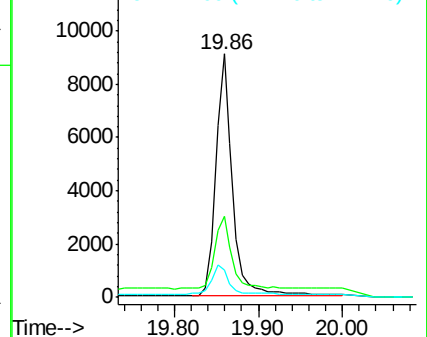
122 11.4 9.4 14.0



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: 1.579 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

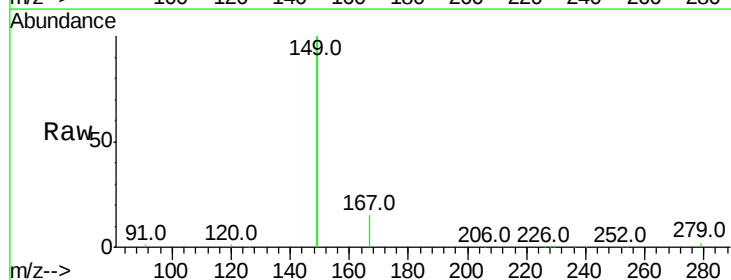
Tgt Ion:149 Resp: 169135

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

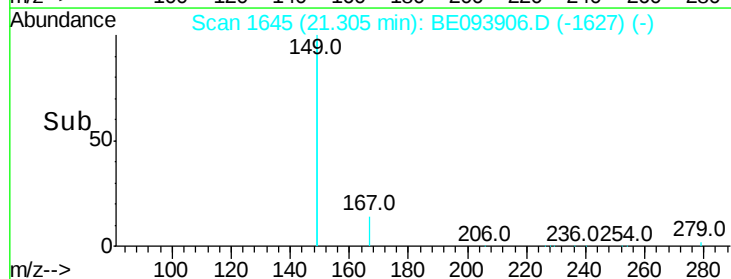
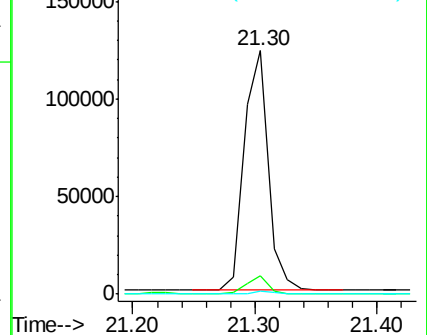
279 0.9 0.7 1.1

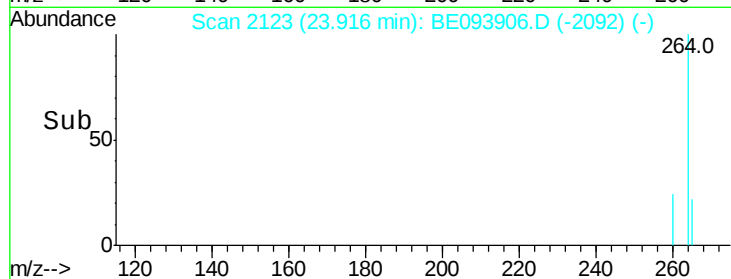
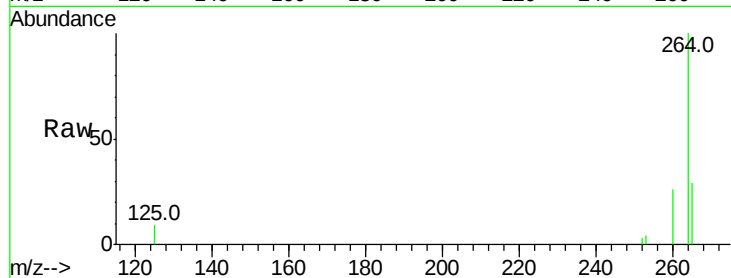
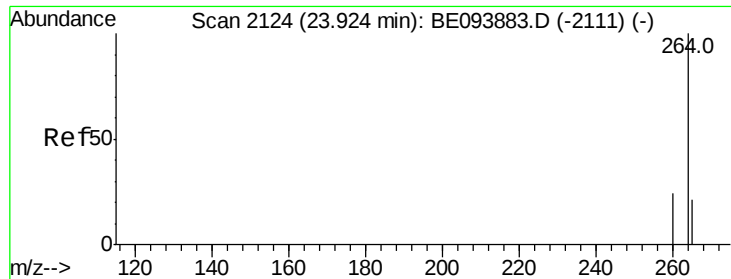


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE093906.D

Acq: 1 Sep 2017 17:36

Instrument :

BNA_E

ClientSampleId :

3821-PP2

Tot Ion:264 Resp: 14889

Ion Ratio Lower Upper

264 100

260 25.9 20.0 30.0

265 29.3 24.0 36.0

