

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
 Data File : BE093908.D
 Acq On : 1 Sep 2017 18:48
 Operator : SJ/JU
 Sample : I4963-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3823-PP4

Quant Time: Sep 02 01:20:29 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

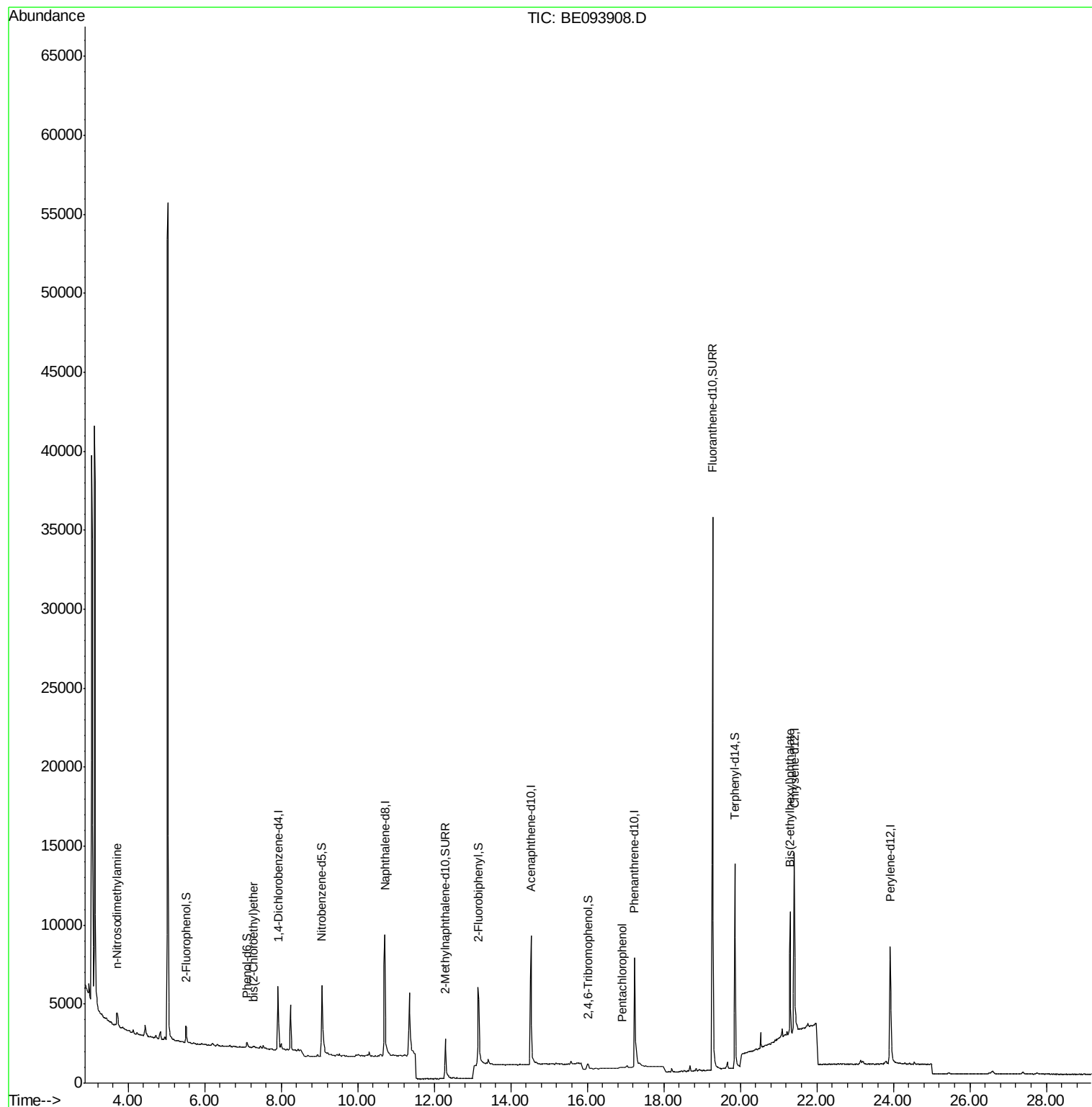
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2209	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10984	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6106	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13244	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15407	0.40	ng	0.00
34) Perylene-d12	23.92	264	13318	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	727	0.11	ng	0.00
5) Phenol-d6	7.10	99	620	0.06	ng	0.01
8) Nitrobenzene-d5	9.06	82	2829	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4876	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	493	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7503	0.31	ng	-0.01
25) Fluoranthene-d10	19.28	212	51458	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	13114	0.47	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.70	42	227	0.067	ng	# 1
6) bis(2-Chloroethyl)ether	7.27	93	313	0.039	ng	# 1
20) 4-Bromophenyl-phenylether	16.45	248	35	Below Cal		# 47
21) Hexachlorobenzene	16.58	284	27	Below Cal		# 100
22) Pentachlorophenol	16.91	266	43	0.021	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.30	149	9575	0.099	ng	# 99

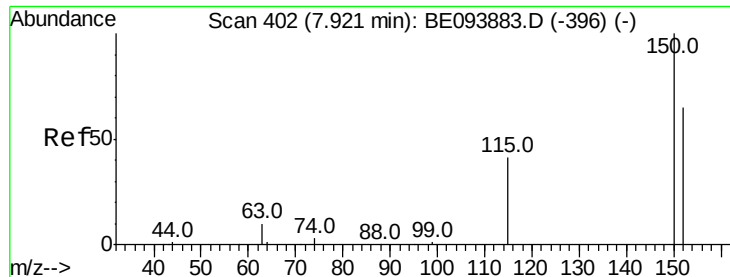
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 01 16:31:36 2017
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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: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA_E

ClientSampleId :

3823-PP4

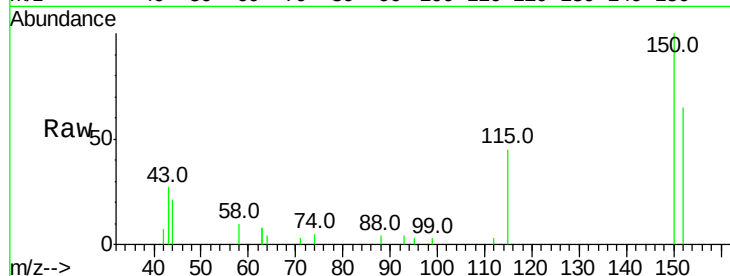
Tot Ion:152 Resp: 2209

Ion Ratio Lower Upper

152 100

150 153.2 121.8 182.6

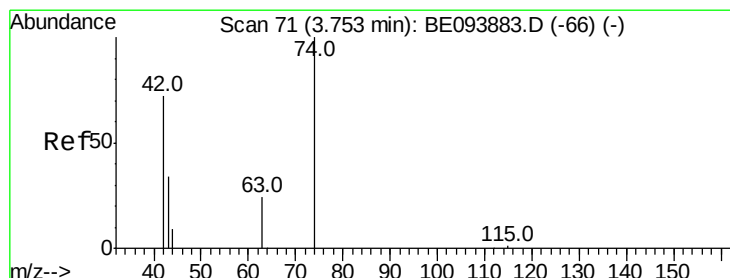
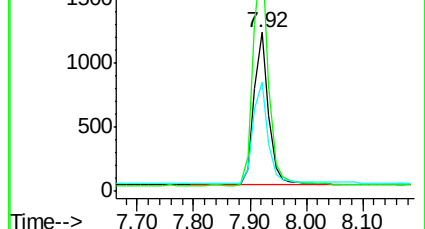
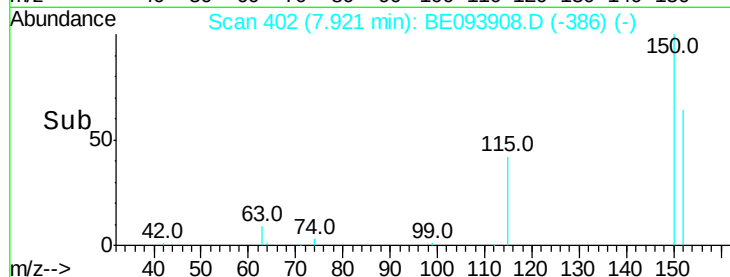
115 68.5 52.6 79.0



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: 0.067 ng

RT: 3.70 min Scan# 67

Delta R.T. -0.05 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

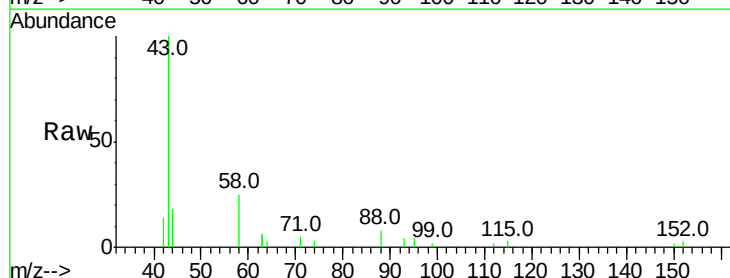
Tgt Ion: 42 Resp: 227

Ion Ratio Lower Upper

42 100

74 0.0 104.0 156.0#

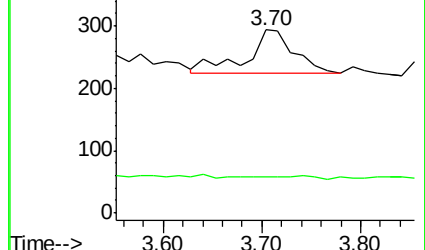
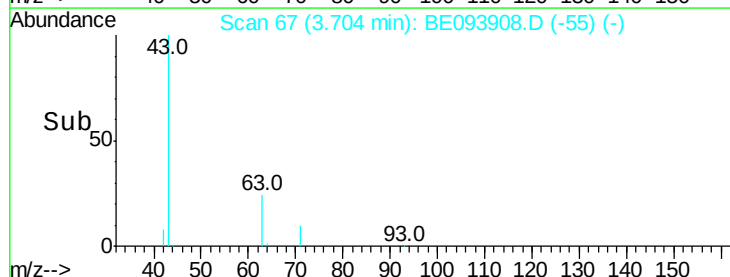
44 0.0 13.8 20.8#

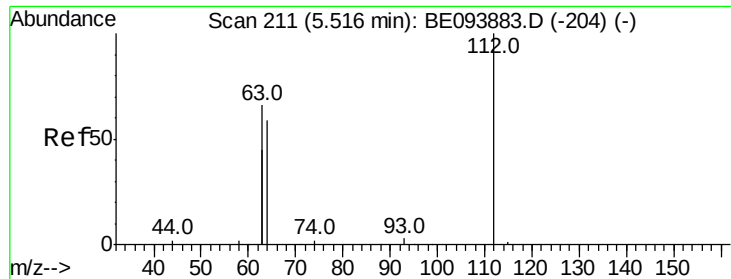


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.107 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA_E

ClientSampleId :

3823-PP4

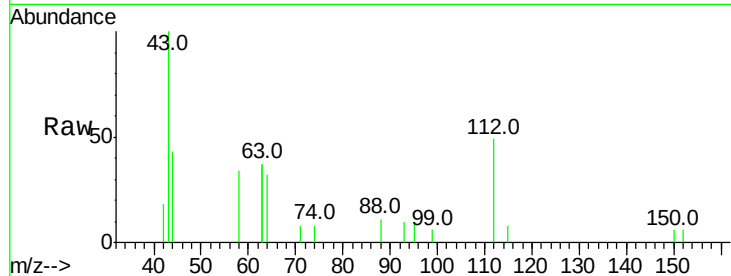
Tot Ion:112 Resp: 727

Ion Ratio Lower Upper

112 100

64 75.4 57.7 86.5

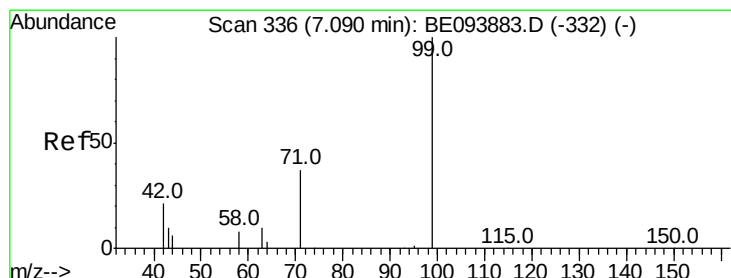
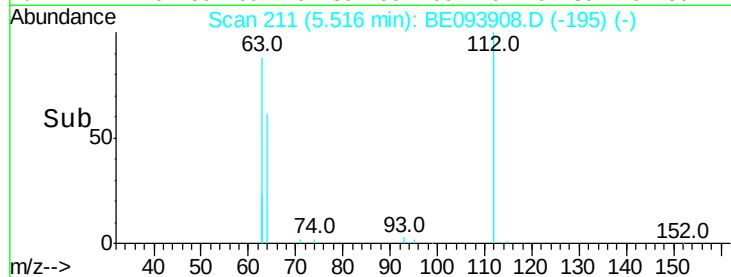
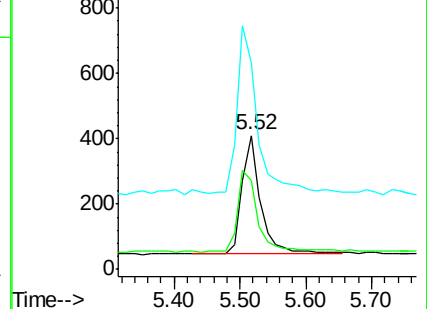
63 150.5 116.0 174.0



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: 0.060 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

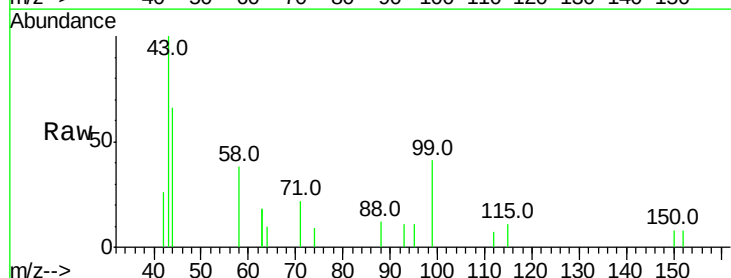
Tgt Ion: 99 Resp: 620

Ion Ratio Lower Upper

99 100

42 26.6 17.1 25.7#

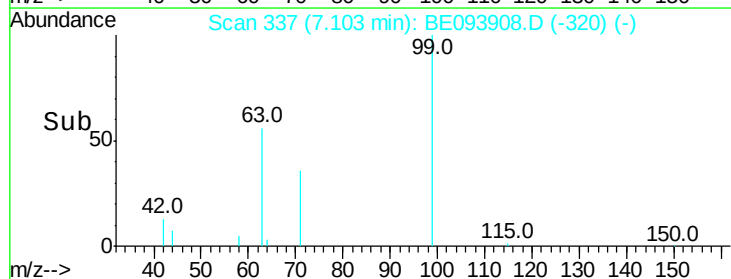
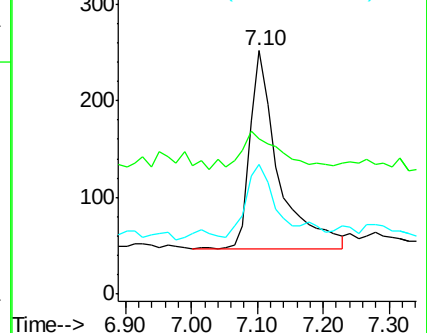
71 40.5 26.6 39.8#

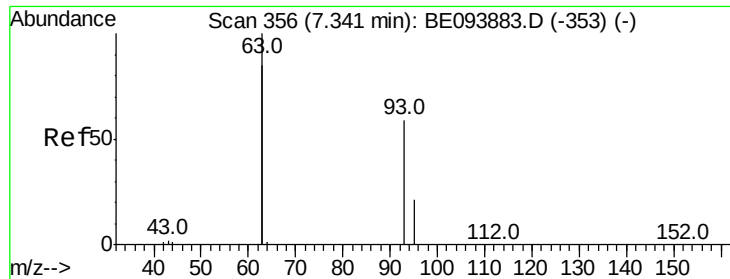


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.039 ng

RT: 7.27 min Scan# 350

Delta R.T. -0.08 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA_E

ClientSampled :

3823-PP4

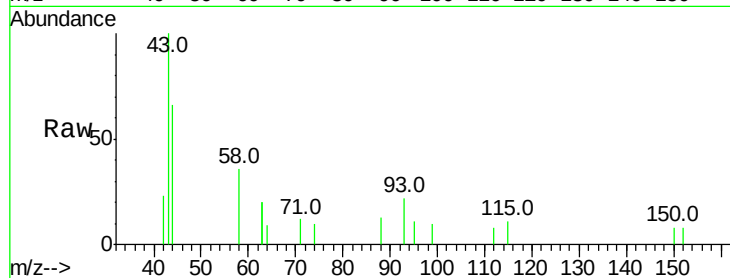
Tot Ion: 93 Resp: 313

Ion Ratio Lower Upper

93 100

63 16.3 283.4 425.2#

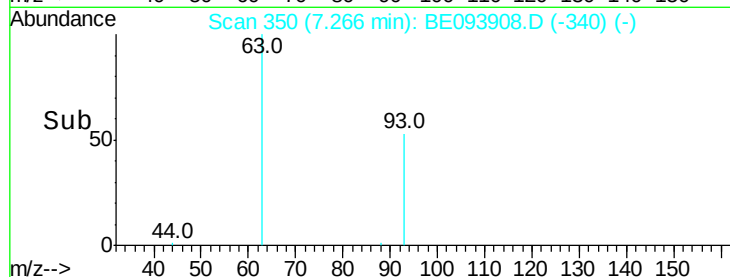
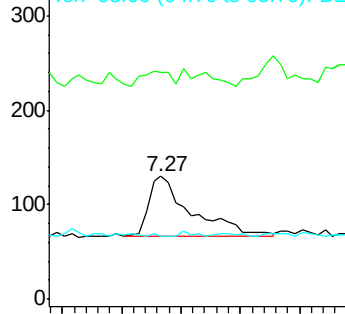
95 0.0 26.9 40.3#



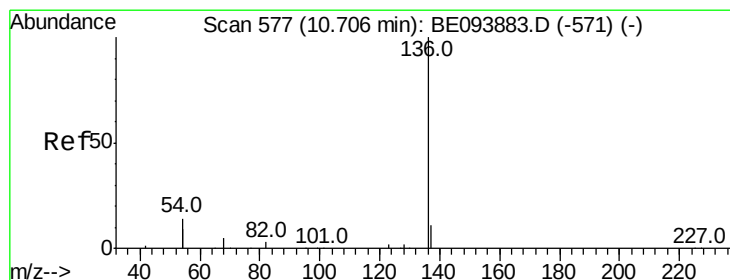
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Tgt Ion:136 Resp: 10984

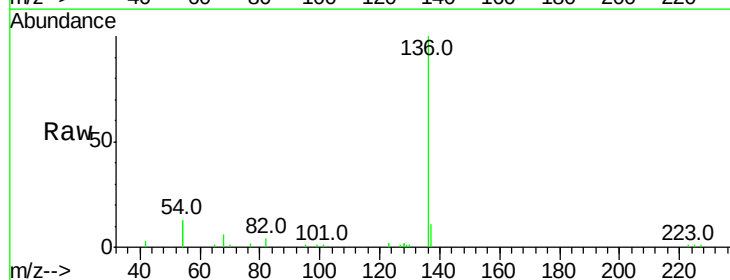
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 26.6 21.9 32.9

68 6.2 4.6 7.0

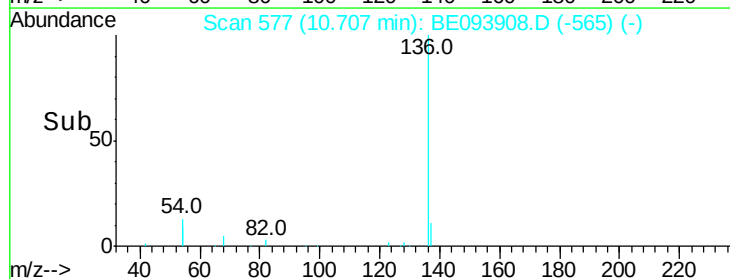
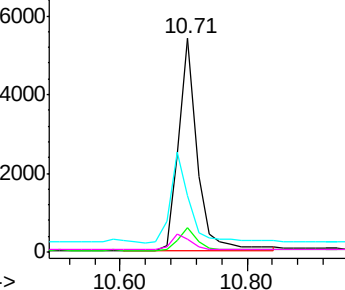


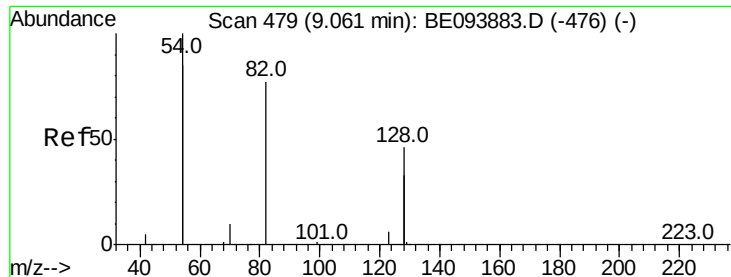
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.309 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA_E

ClientSampleId :

3823-PP4

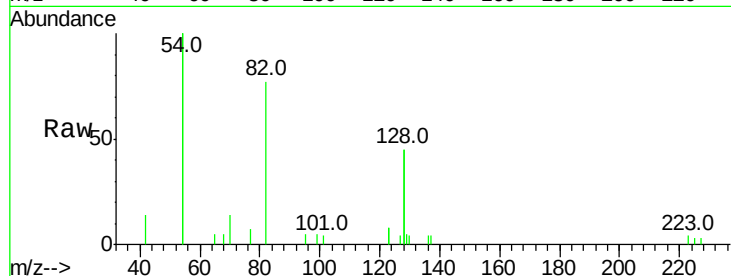
Tot Ion: 82 Resp: 2829

Ion Ratio Lower Upper

82 100

128 117.8 91.4 137.0

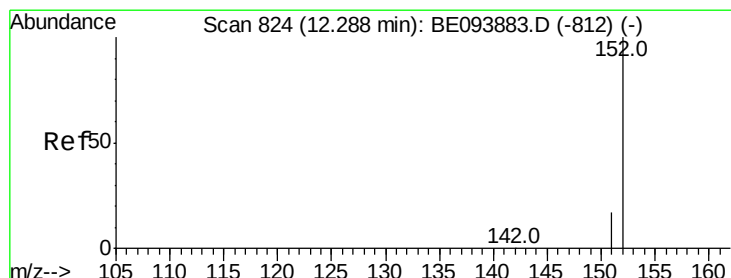
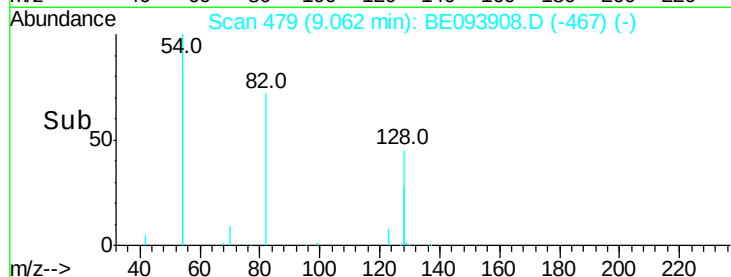
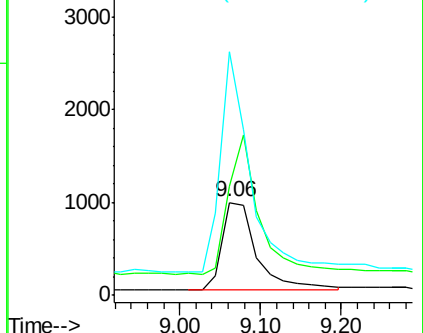
54 261.4 197.8 296.8



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: 0.281 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093908.D

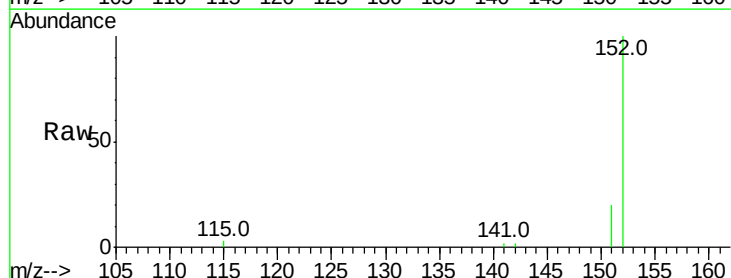
Acq: 1 Sep 2017 18:48

Tgt Ion: 152 Resp: 4876

Ion Ratio Lower Upper

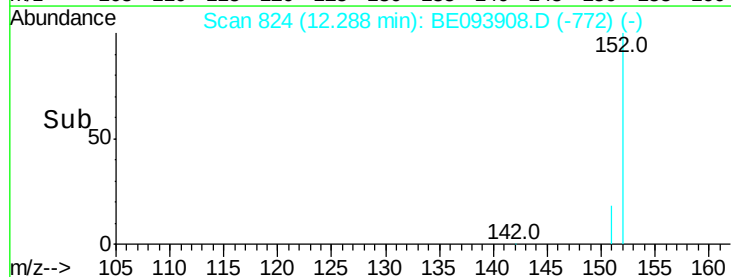
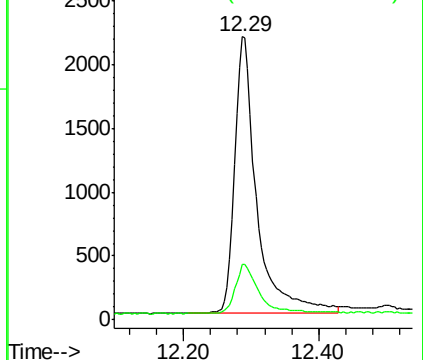
152 100

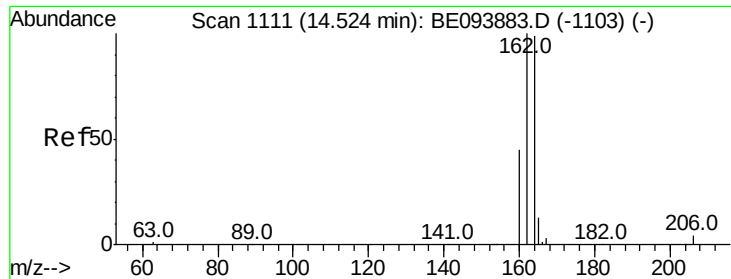
151 17.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

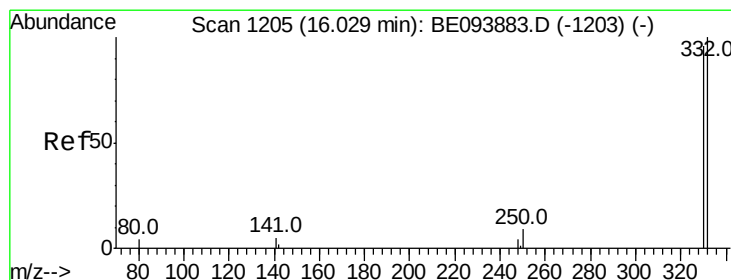
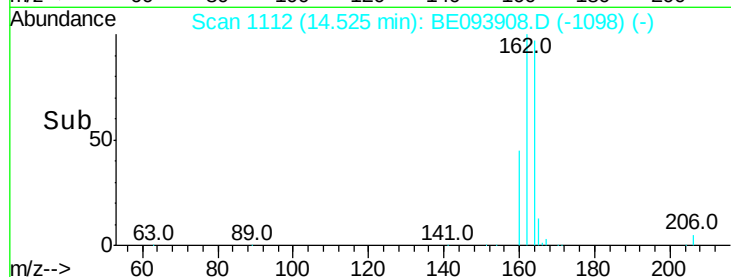
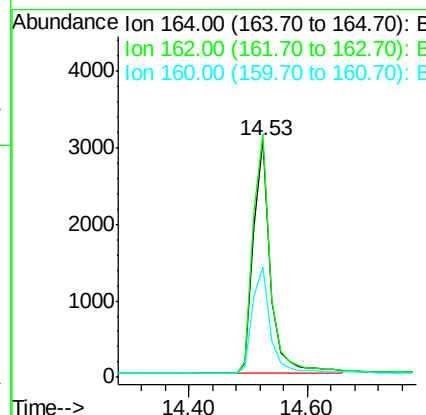
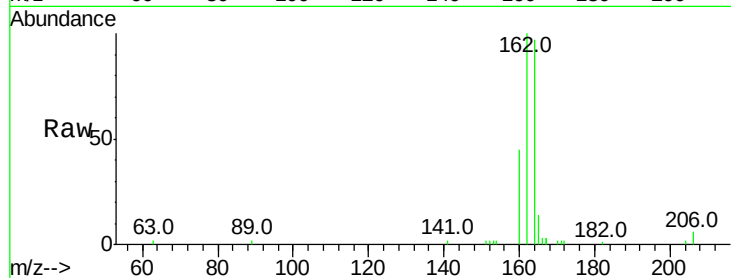




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093908.D
 Acq: 1 Sep 2017 18:48

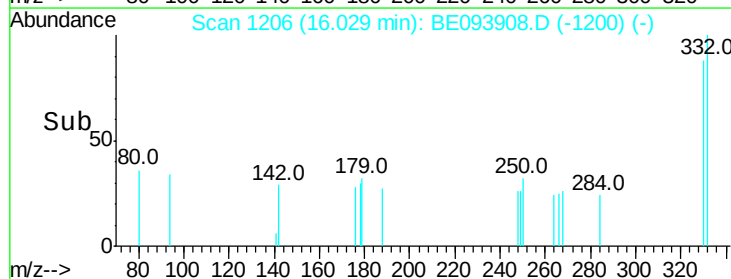
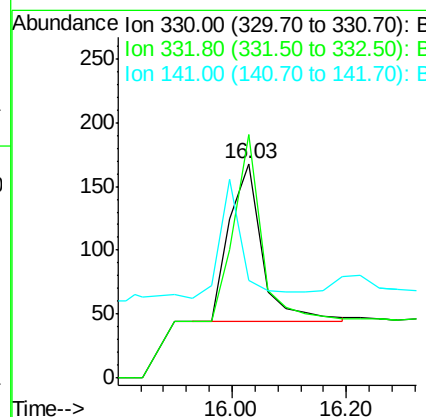
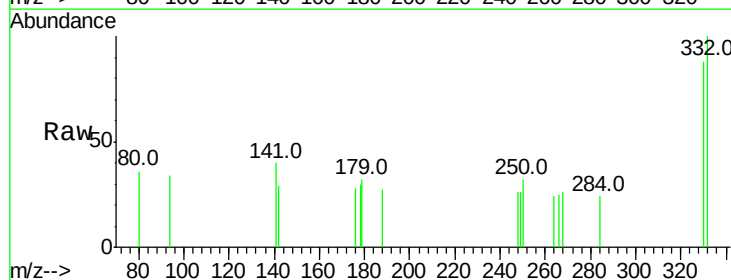
Instrument :
 BNA_E
 ClientSampleId :
 3823-PP4

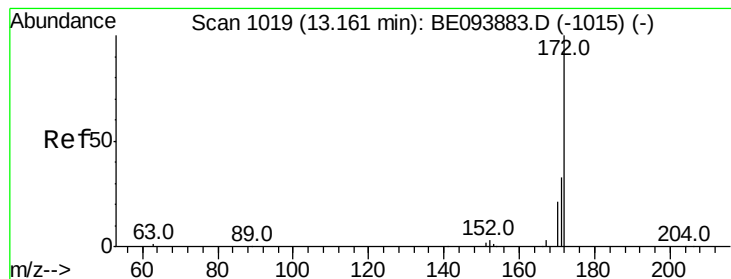
Tot Ion:164 Resp: 6106
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.8 121.2
 160 46.6 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.301 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093908.D
 Acq: 1 Sep 2017 18:48

Tgt Ion:330 Resp: 493
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.9 115.3
 141 0.0 0.0 0.0





#15

2-Fluorobiphenyl

Concen: 0.309 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA_E

ClientSampleId :

3823-PP4

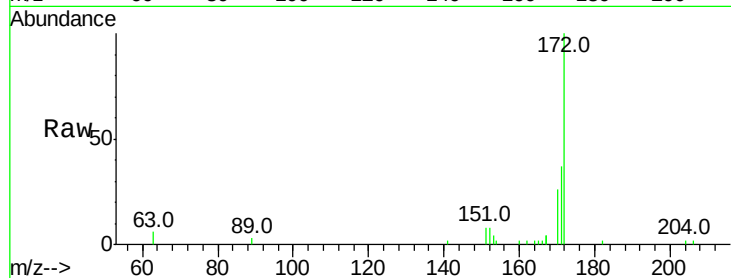
Tot Ion:172 Resp: 7503

Ion Ratio Lower Upper

172 100

171 36.9 26.9 40.3

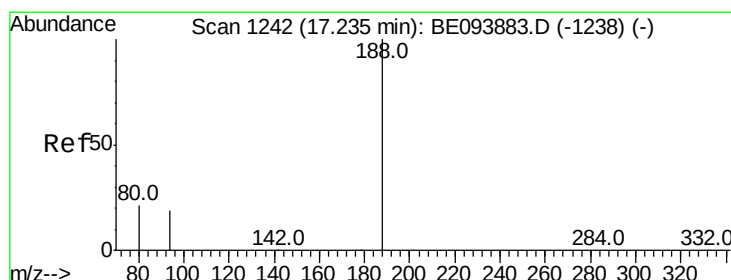
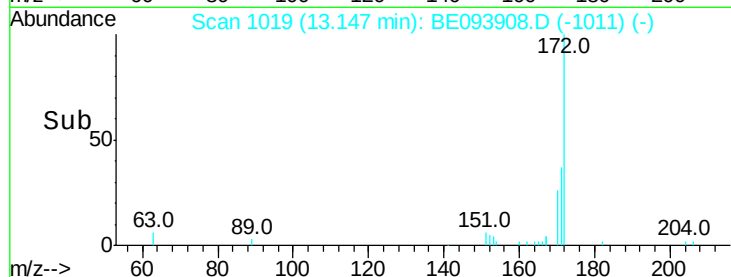
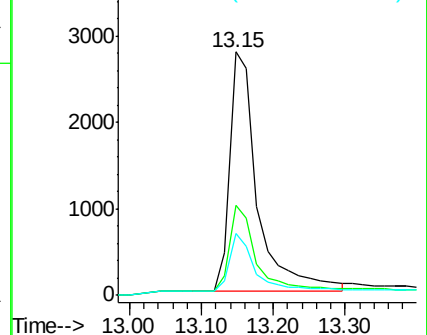
170 25.6 17.3 25.9



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: BE093908.D

Acq: 1 Sep 2017 18:48

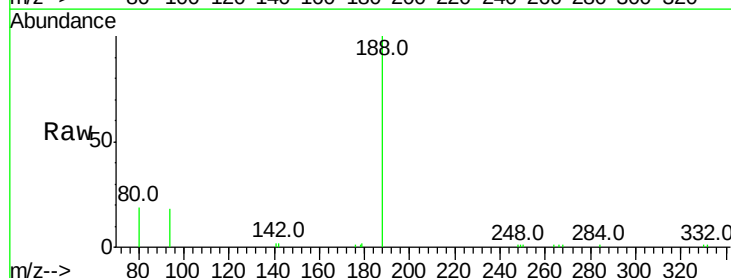
Tgt Ion:188 Resp: 13244

Ion Ratio Lower Upper

188 100

94 17.6 16.1 24.1

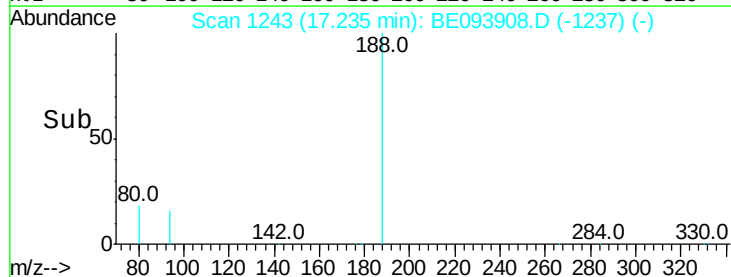
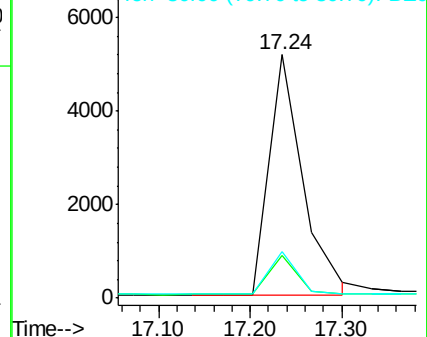
80 19.3 18.2 27.2

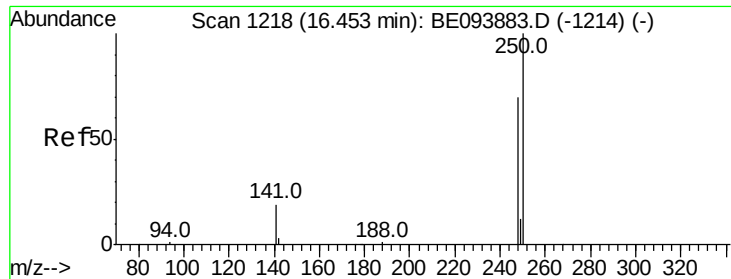


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

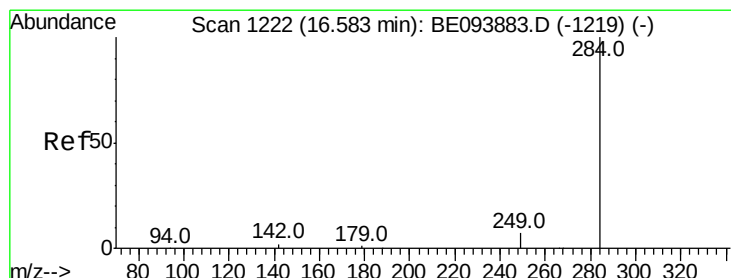
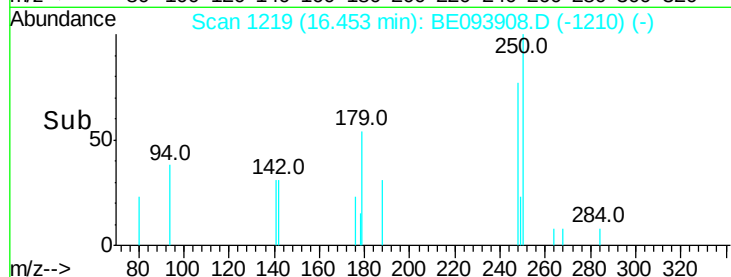
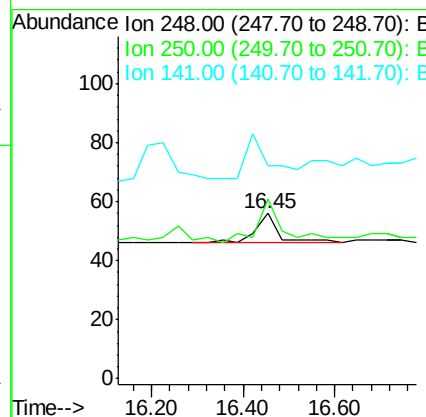
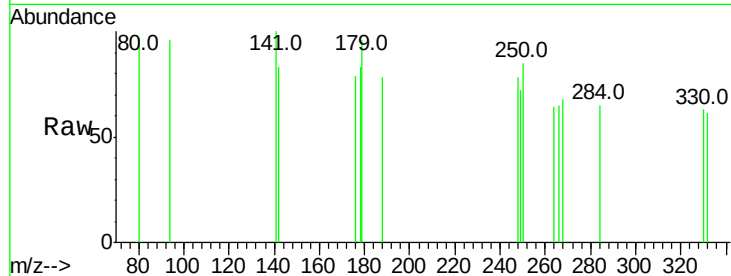




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093908.D
Acq: 1 Sep 2017 18:48

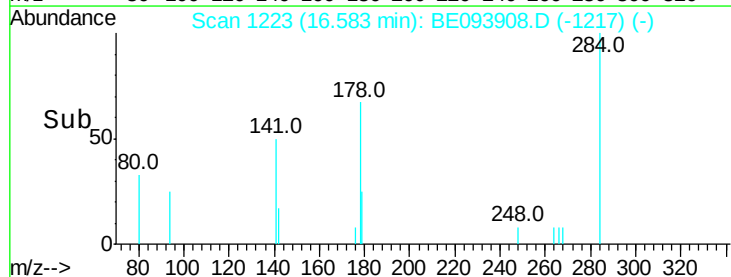
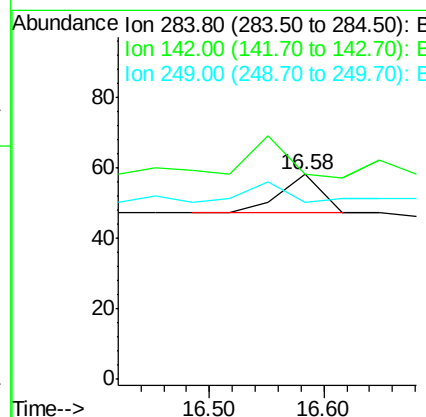
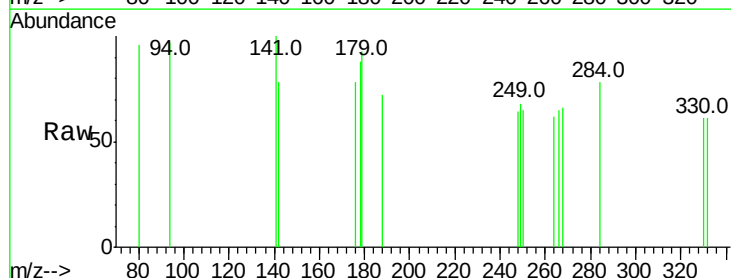
Instrument :
BNA_E
ClientSampled :
3823-PP4

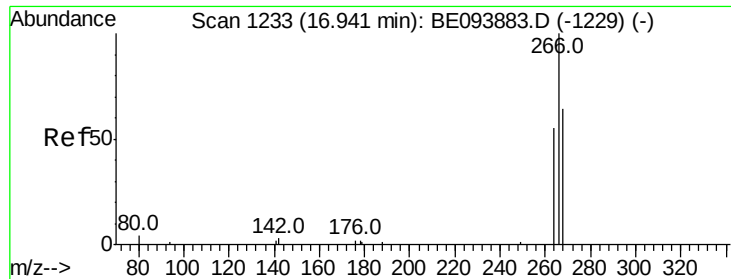
Tot Ion:248 Resp: 35
Ion Ratio Lower Upper
248 100
250 108.9 111.8 167.8#
141 128.6 27.1 40.7#



#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093908.D
Acq: 1 Sep 2017 18:48

Tgt Ion:284 Resp: 27
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0





#22

Pentachlorophenol

Concen: 0.021 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.03 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA_E

ClientSampleId :

3823-PP4

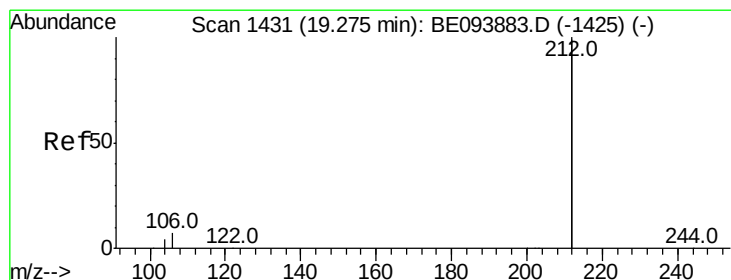
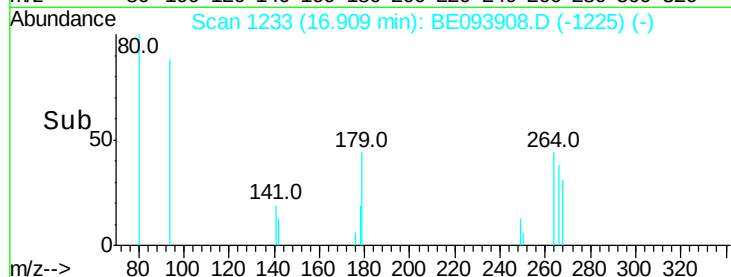
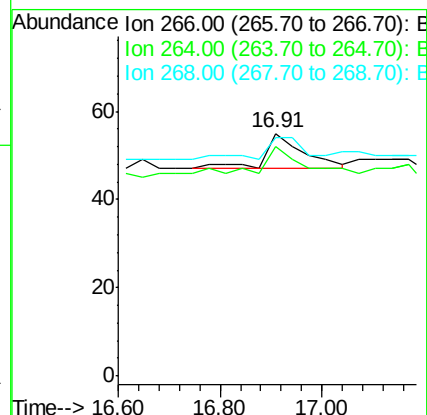
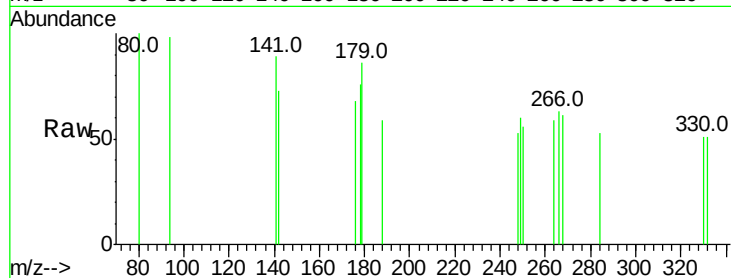
Tot Ion:266 Resp: 43

Ion Ratio Lower Upper

266 100

264 94.5 53.5 80.3#

268 98.2 60.0 90.0#



#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

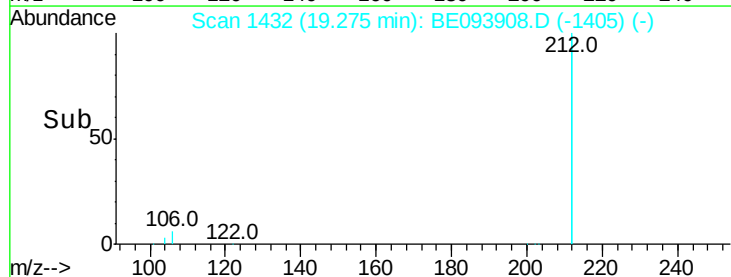
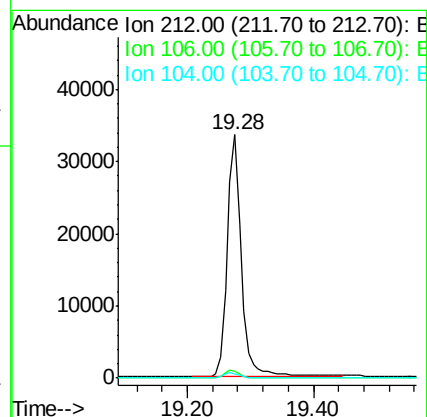
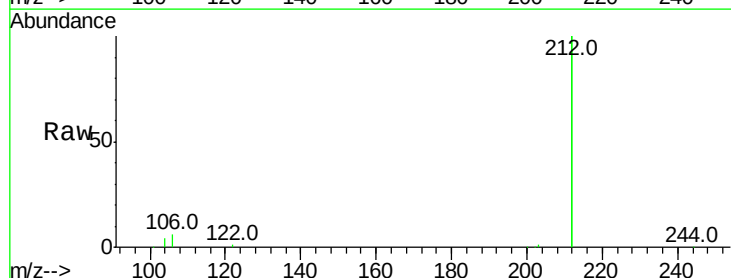
Tgt Ion:212 Resp: 51458

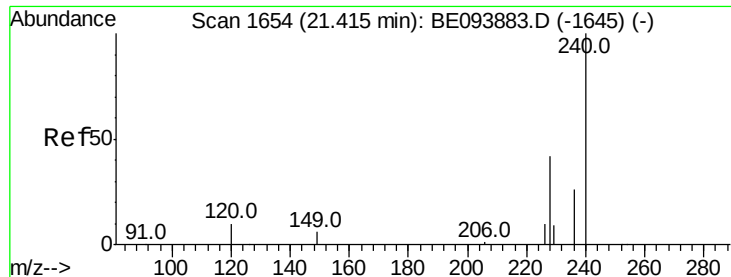
Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

104 2.0 1.6 2.4

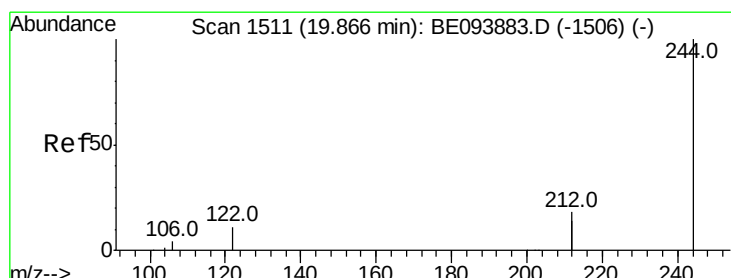
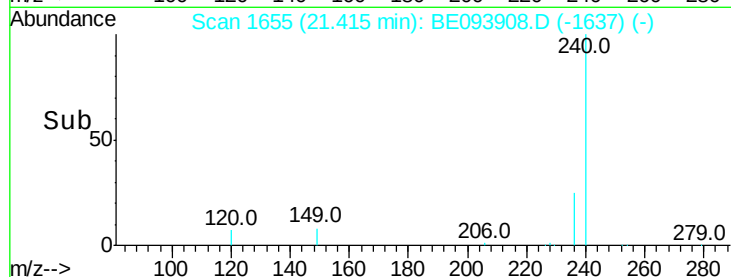
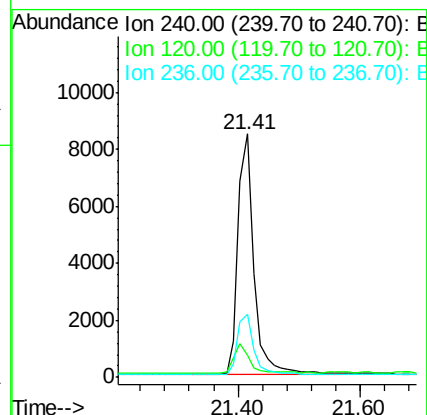
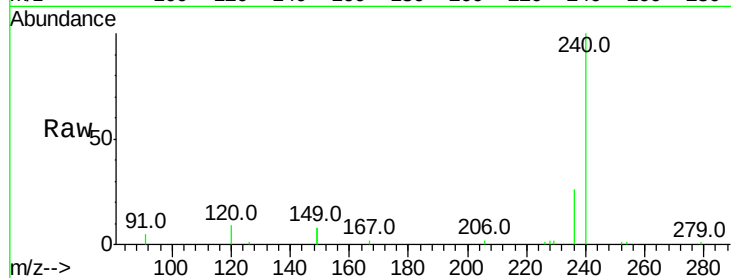




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BE093908.D
 Acq: 1 Sep 2017 18:48

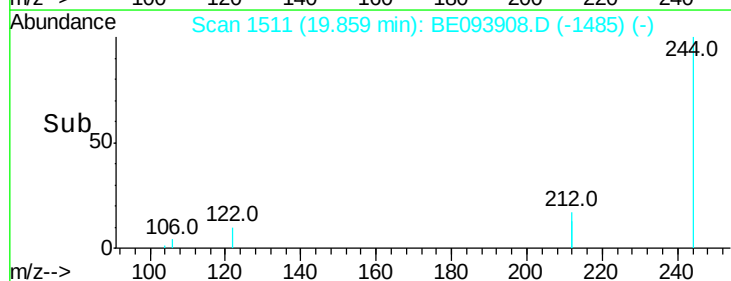
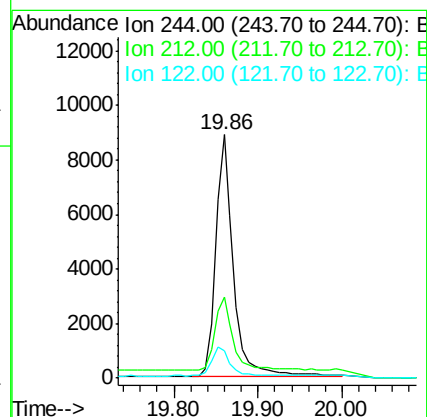
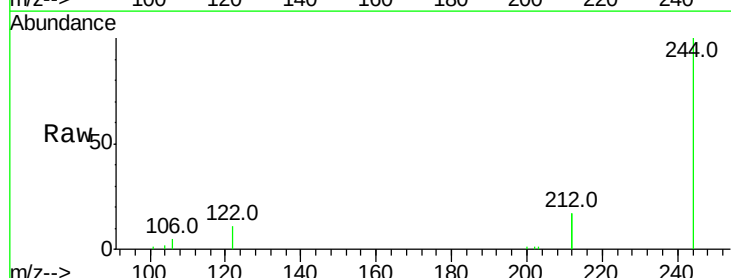
Instrument :
 BNA_E
 ClientSampled :
 3823-PP4

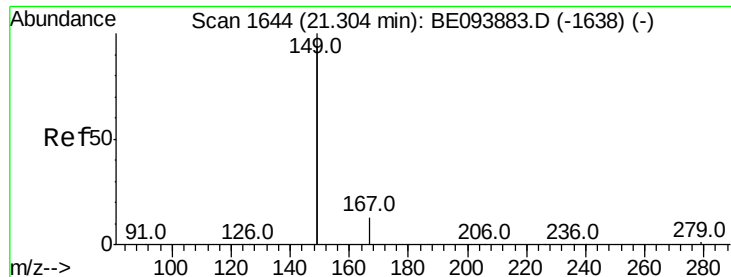
Tot Ion:240 Resp: 15407
 Ion Ratio Lower Upper
 240 100
 120 9.0 8.7 13.1
 236 26.2 21.3 31.9



#29
 Terphenyl-d14
 Concen: 0.470 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093908.D
 Acq: 1 Sep 2017 18:48

Tgt Ion:244 Resp: 13114
 Ion Ratio Lower Upper
 244 100
 212 33.3 28.3 42.5
 122 11.4 9.4 14.0





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.099 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

Instrument :

BNA_E

ClientSampled :

3823-PP4

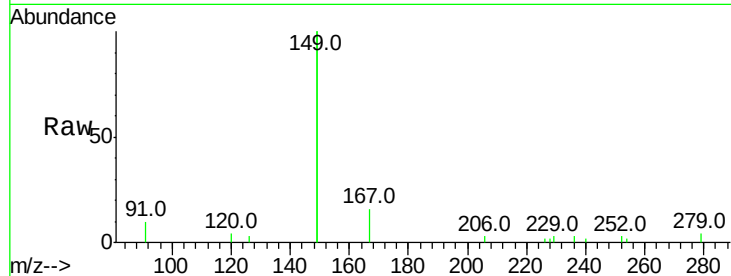
Tot Ion:149 Resp: 9575

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

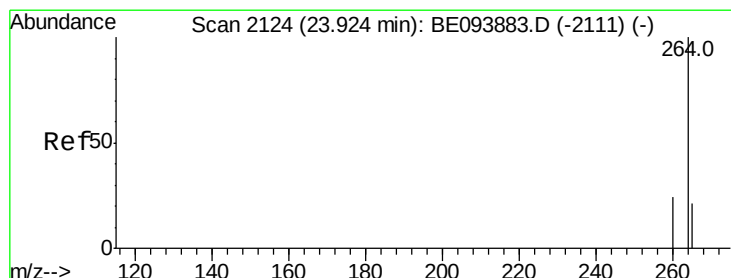
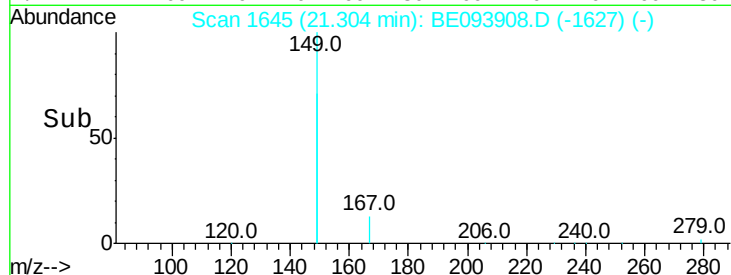
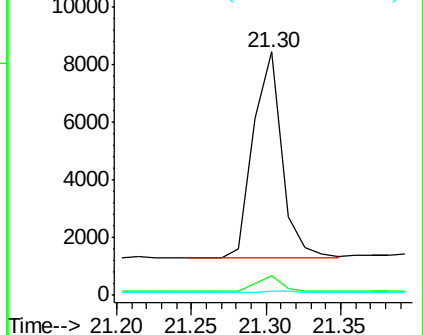
279 1.3 0.7 1.1#



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: 23.92 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093908.D

Acq: 1 Sep 2017 18:48

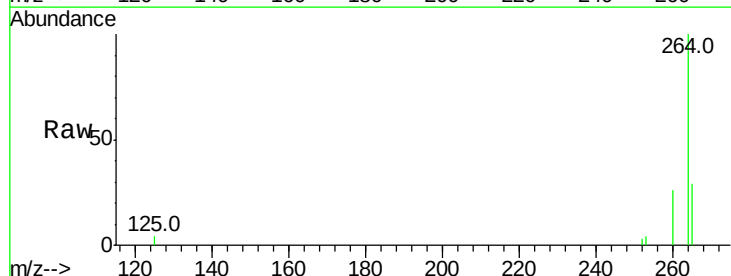
Tgt Ion:264 Resp: 13318

Ion Ratio Lower Upper

264 100

260 26.3 20.0 30.0

265 28.9 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

