

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
 Data File : BE093907.D
 Acq On : 1 Sep 2017 18:12
 Operator : SJ/JU
 Sample : I4963-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3822-PP3

Quant Time: Sep 02 01:20:17 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

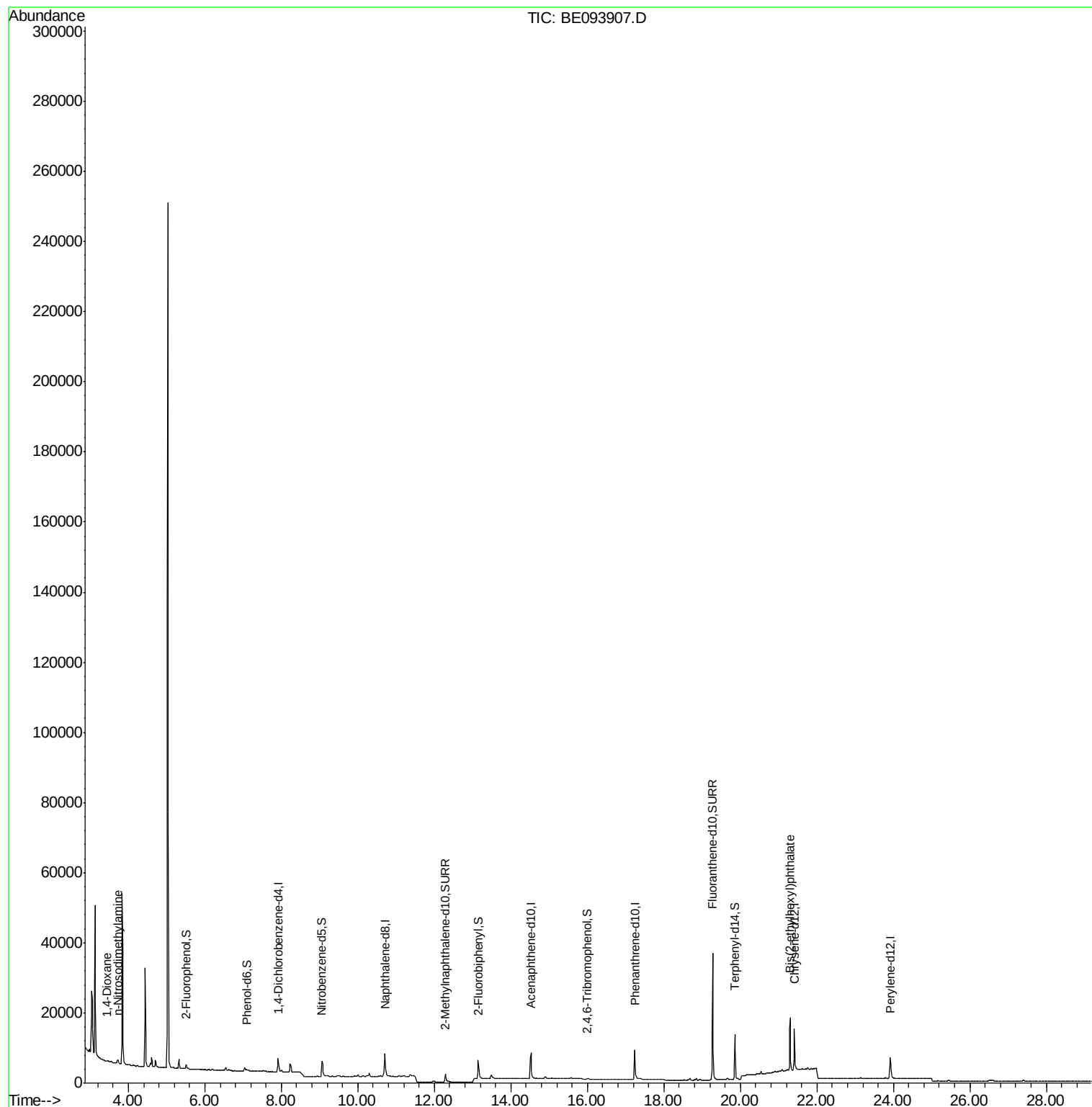
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1945	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	9525	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5483	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	14907	0.40	ng	0.00
27) Chrysene-d12	21.42	240	15973	0.40	ng	0.00
34) Perylene-d12	23.92	264	10457	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	805	0.13	ng	0.00
5) Phenol-d6	7.10	99	725	0.08	ng	0.00
8) Nitrobenzene-d5	9.06	82	2484	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4257	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	597	0.41	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	6701	0.31	ng	-0.01
25) Fluoranthene-d10	19.27	212	52394	0.30	ng	0.00
29) Terphenyl-d14	19.86	244	12359	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	169	0.063	ng	# 18
3) n-Nitrosodimethylamine	3.72	42	307	0.103	ng	# 2
20) 4-Bromophenyl-phenylether	16.45	248	39	Below Cal		# 43
21) Hexachlorobenzene	16.58	284	37	Below Cal		# 100
32) Bis(2-ethylhexyl)phthalate	21.30	149	19879	0.199	ng	99

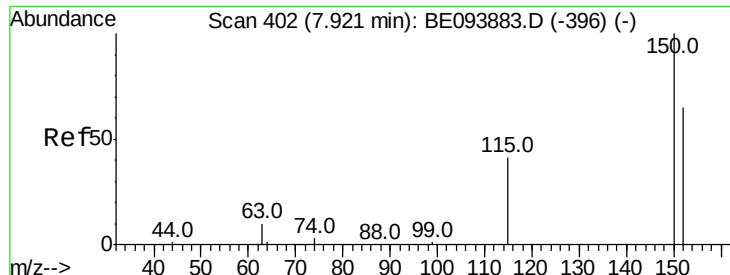
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093907.D

Acq: 1 Sep 2017 18:12

Instrument :

BNA_E

ClientSampleId :

3822-PP3

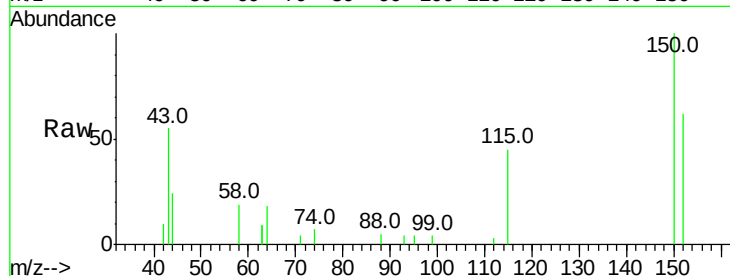
Tot Ion:152 Resp: 1945

Ion Ratio Lower Upper

152 100

150 160.4 121.8 182.6

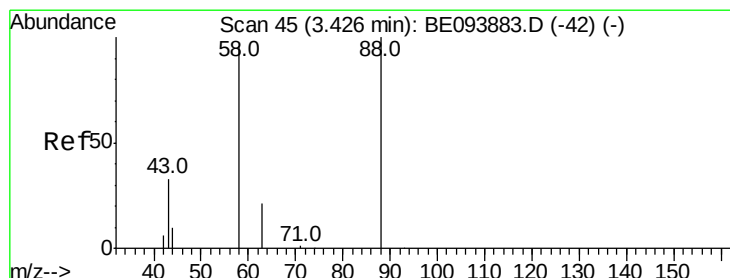
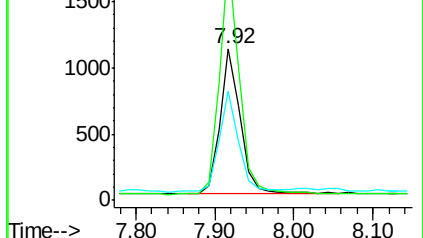
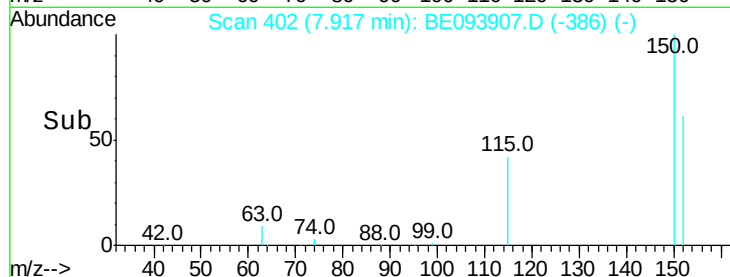
115 72.3 52.6 79.0



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



#2

1,4-Dioxane

Concen: 0.063 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093907.D

Acq: 1 Sep 2017 18:12

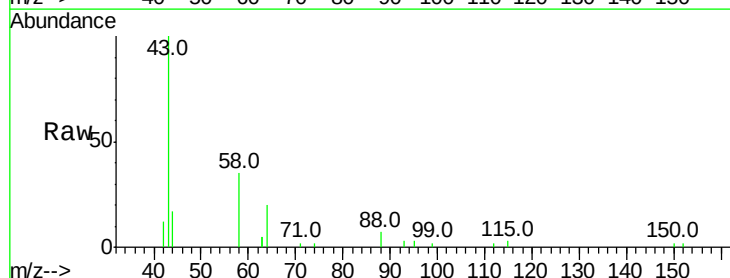
Tgt Ion: 88 Resp: 169

Ion Ratio Lower Upper

88 100

58 0.0 65.4 98.0#

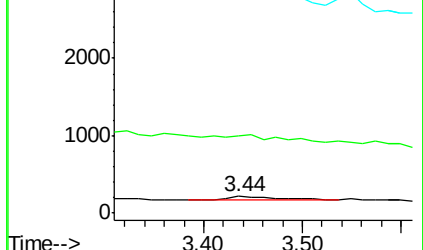
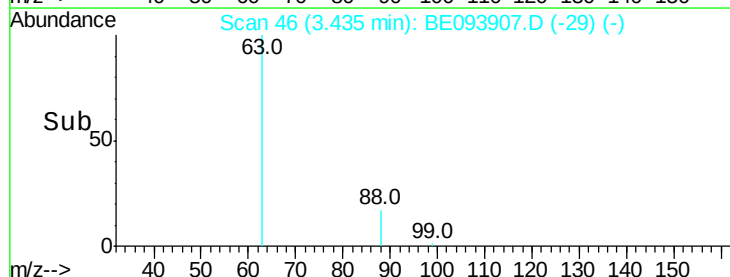
43 0.0 23.9 35.9#

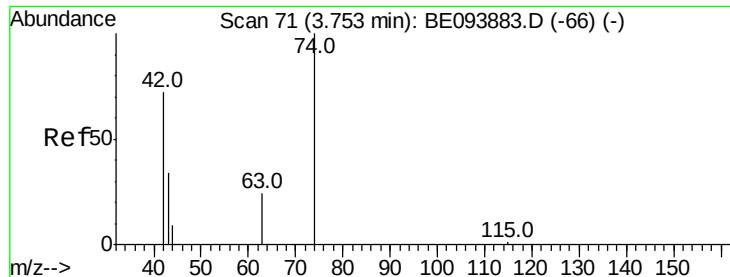


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.103 ng

RT: 3.72 min Scan# 69

Delta R.T. -0.03 min

Lab File: BE093907.D

Acq: 1 Sep 2017 18:12

Instrument :

BNA_E

ClientSampleId :

3822-PP3

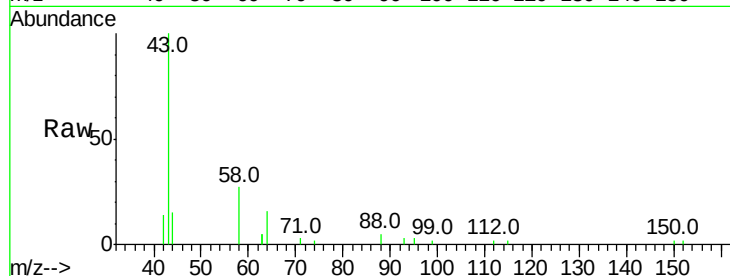
Tot Ion: 42 Resp: 307

Ion Ratio Lower Upper

42 100

74 3.6 104.0 156.0#

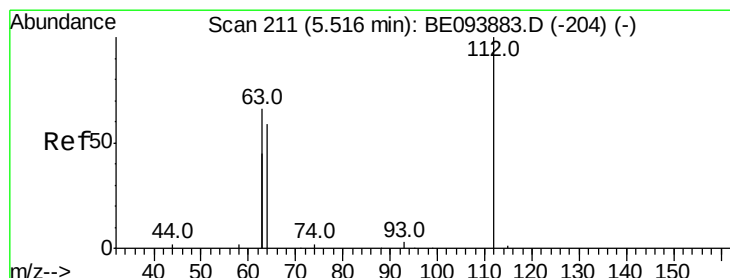
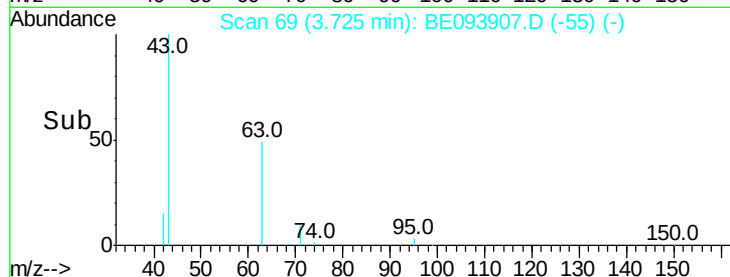
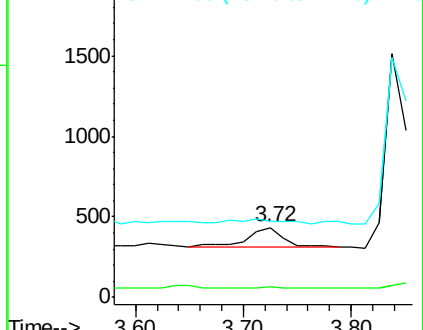
44 25.1 13.8 20.8#



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: 0.134 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093907.D

Acq: 1 Sep 2017 18:12

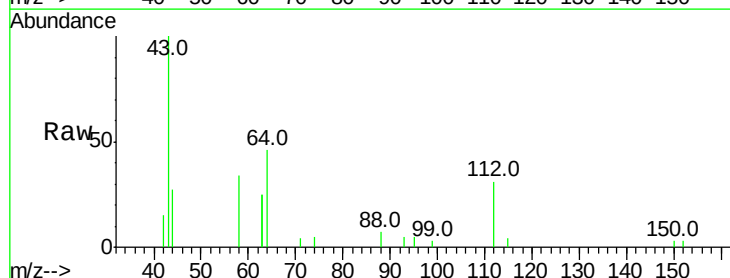
Tgt Ion: 112 Resp: 805

Ion Ratio Lower Upper

112 100

64 99.0 57.7 86.5#

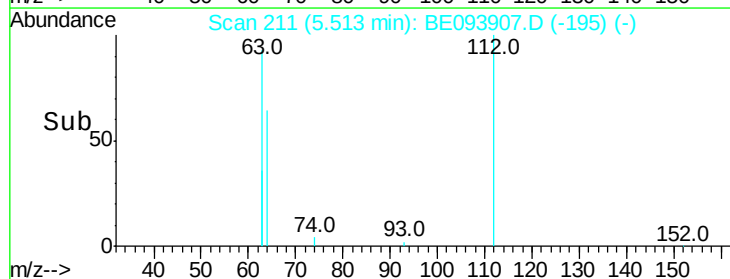
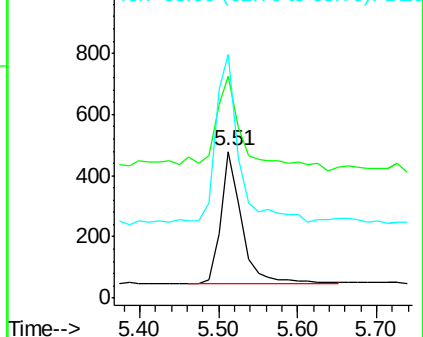
63 157.5 116.0 174.0

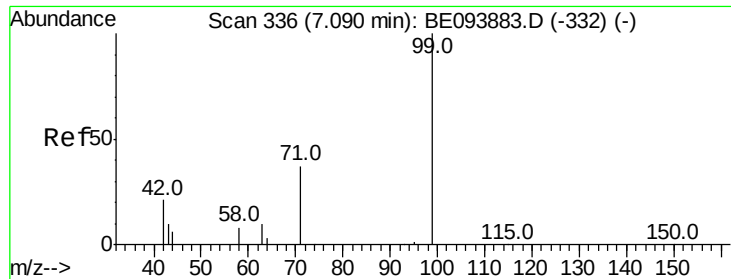


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.079 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093907.D

Acq: 1 Sep 2017 18:12

Instrument :

BNA_E

ClientSampleId :

3822-PP3

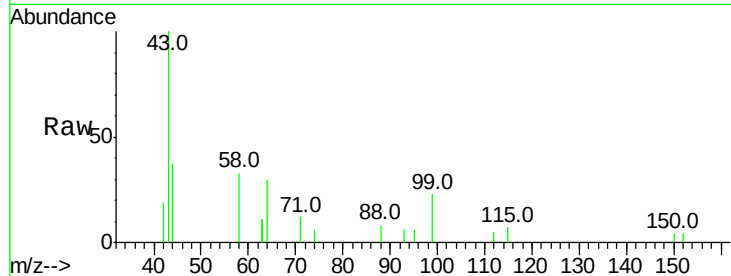
Tot Ion: 99 Resp: 725

Ion Ratio Lower Upper

99 100

42 25.4 17.1 25.7

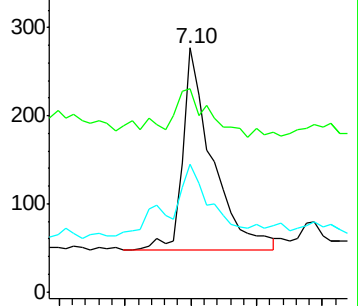
71 28.0 26.6 39.8



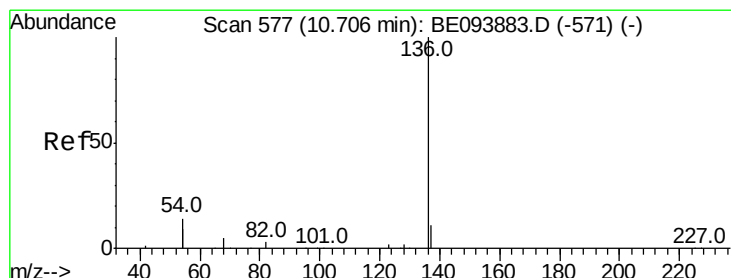
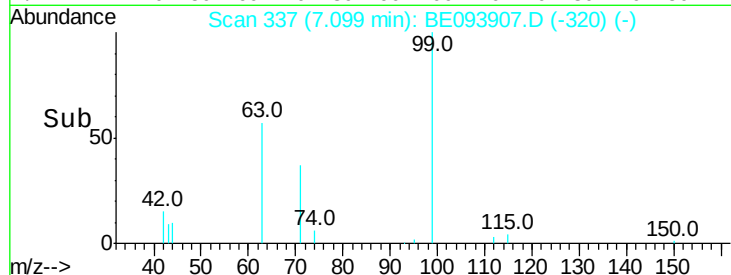
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.90 7.00 7.10 7.20 7.30



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093907.D

Acq: 1 Sep 2017 18:12

Tgt Ion: 136 Resp: 9525

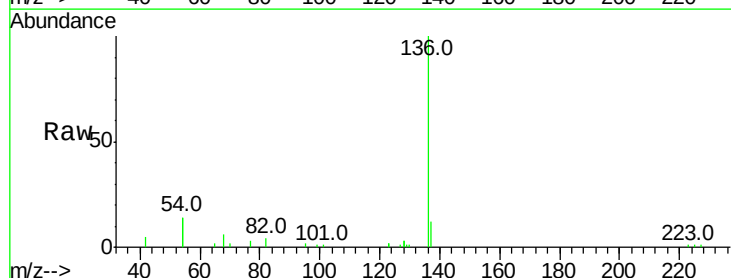
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 27.7 21.9 32.9

68 6.1 4.6 7.0

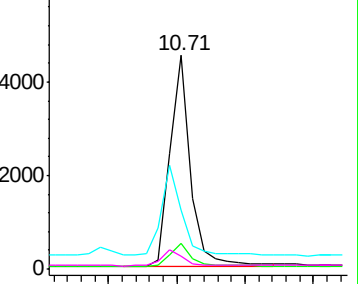


Abundance Ion 136.00 (135.70 to 136.70): E

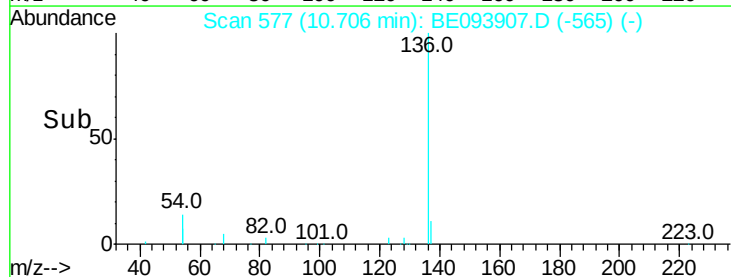
Ion 137.00 (136.70 to 137.70): E

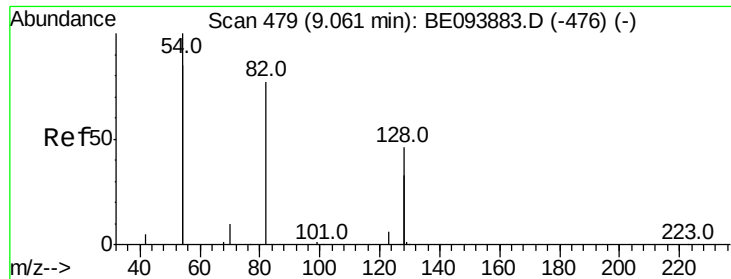
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.60 10.70 10.80 10.90





#8

Nitrobenzene-d5

Concen: 0.313 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093907.D

Acq: 1 Sep 2017 18:12

Instrument :

BNA_E

ClientSampleId :

3822-PP3

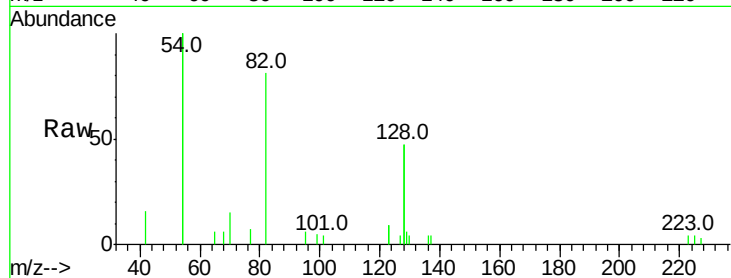
Tot Ion: 82 Resp: 2484

Ion Ratio Lower Upper

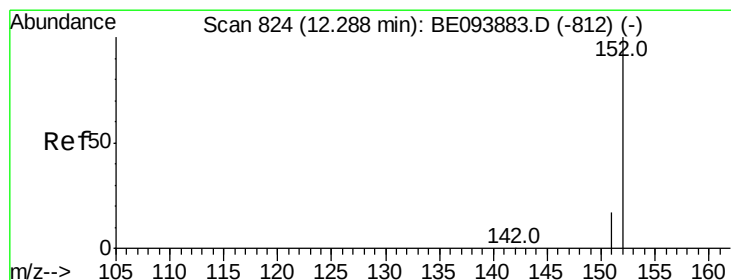
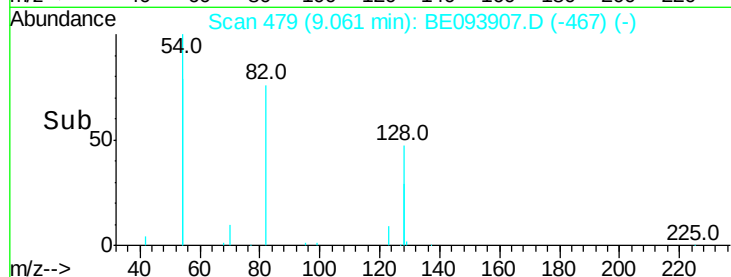
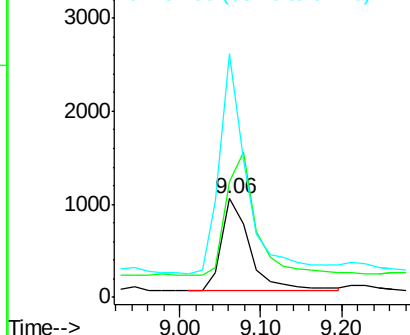
82 100

128 116.9 91.4 137.0

54 247.5 197.8 296.8



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: 0.283 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093907.D

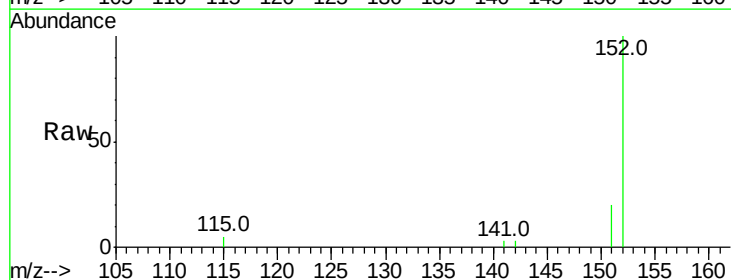
Acq: 1 Sep 2017 18:12

Tgt Ion: 152 Resp: 4257

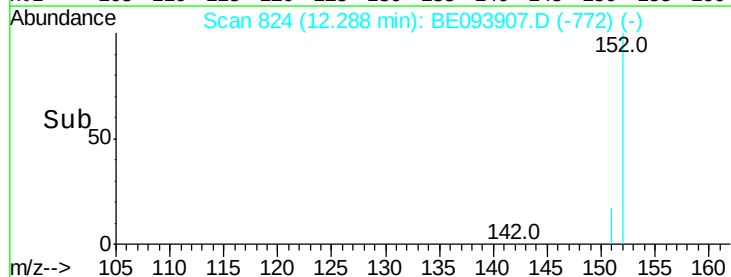
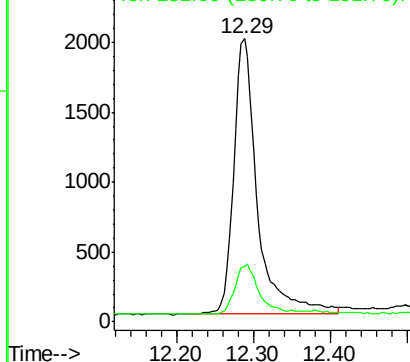
Ion Ratio Lower Upper

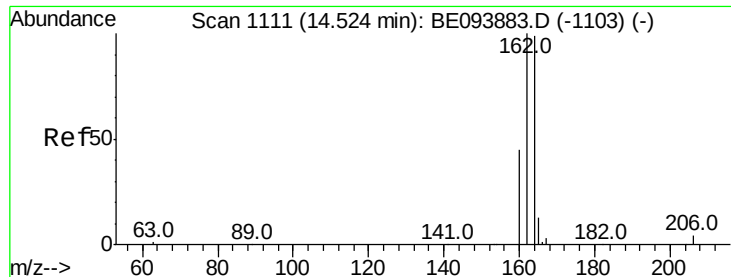
152 100

151 17.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

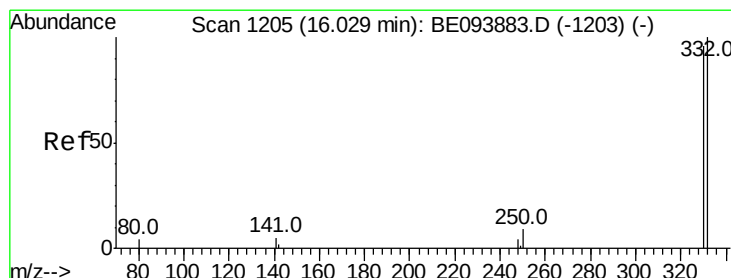
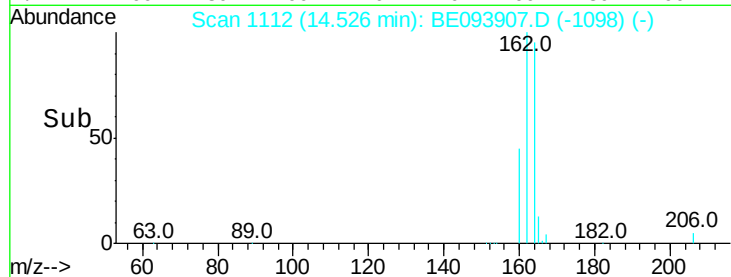
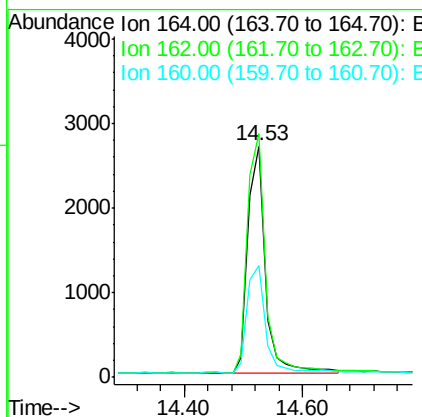
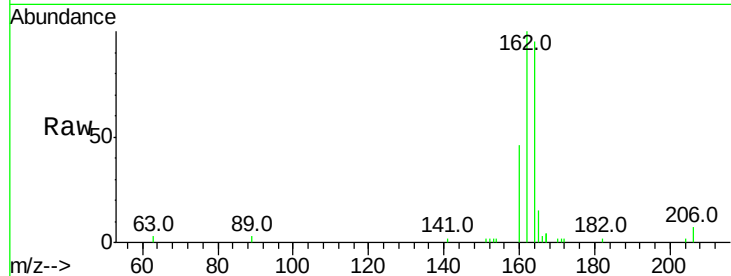




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093907.D
 Acq: 1 Sep 2017 18:12

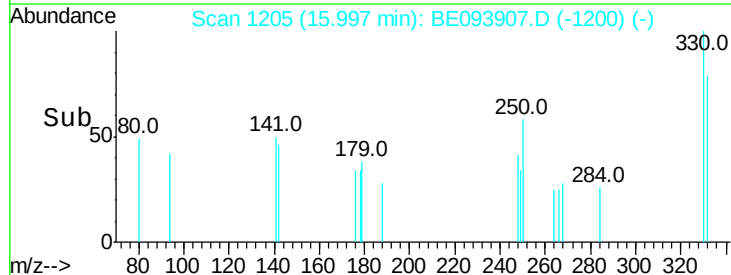
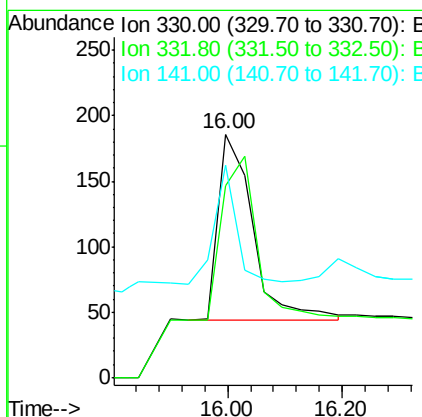
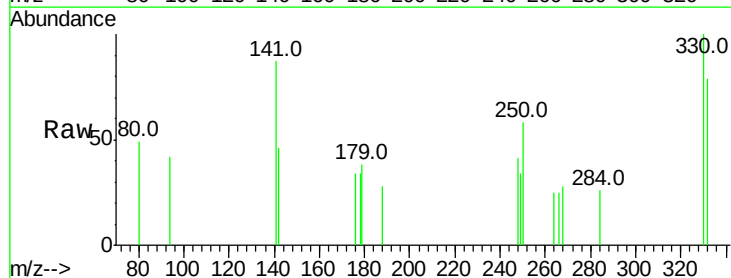
Instrument :
 BNA_E
 ClientSampleId :
 3822-PP3

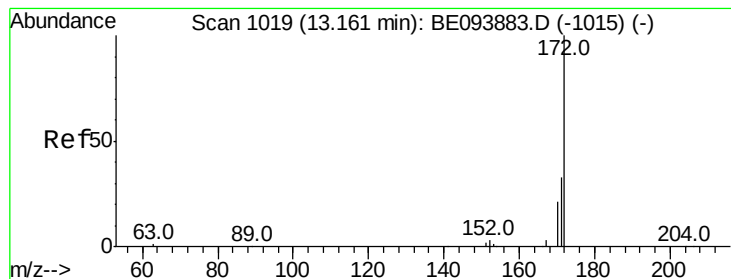
Tot Ion:164 Resp: 5483
 Ion Ratio Lower Upper
 164 100
 162 105.3 80.8 121.2
 160 48.3 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.406 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE093907.D
 Acq: 1 Sep 2017 18:12

Tgt Ion:330 Resp: 597
 Ion Ratio Lower Upper
 330 100
 332 0.0 76.9 115.3#
 141 41.5 0.0 0.0#





#15

2-Fluorobiphenyl

Concen: 0.307 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093907.D

Acq: 1 Sep 2017 18:12

Instrument :

BNA_E

ClientSampleId :

3822-PP3

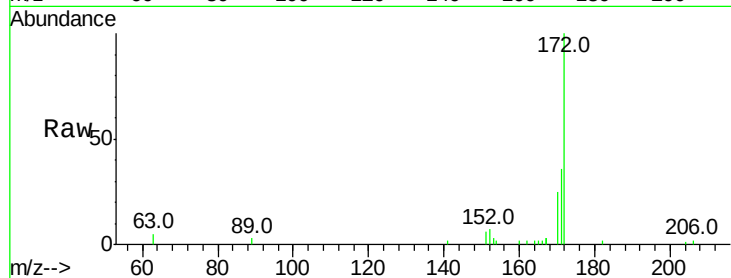
Tot Ion:172 Resp: 6701

Ion Ratio Lower Upper

172 100

171 35.9 26.9 40.3

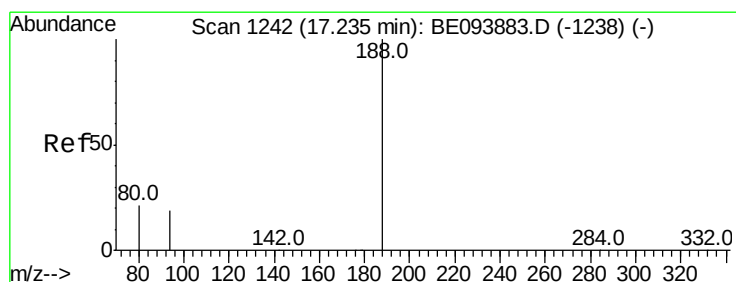
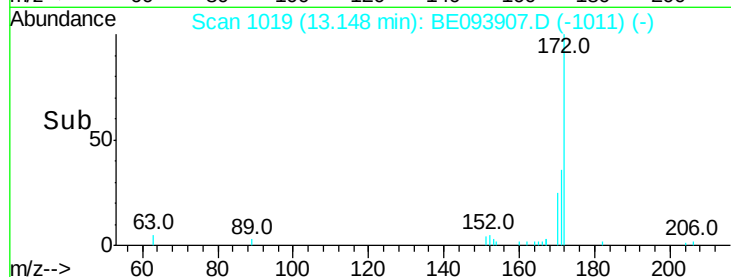
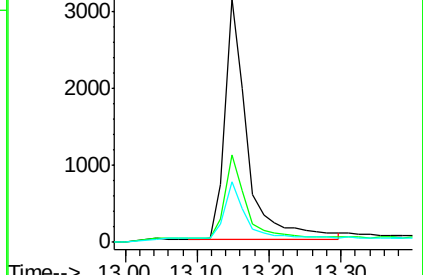
170 25.1 17.3 25.9



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: BE093907.D

Acq: 1 Sep 2017 18:12

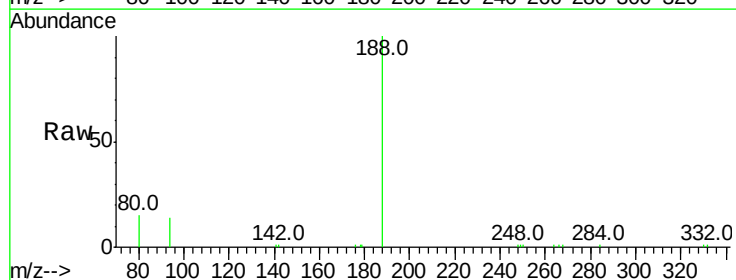
Tgt Ion:188 Resp: 14907

Ion Ratio Lower Upper

188 100

94 14.0 16.1 24.1#

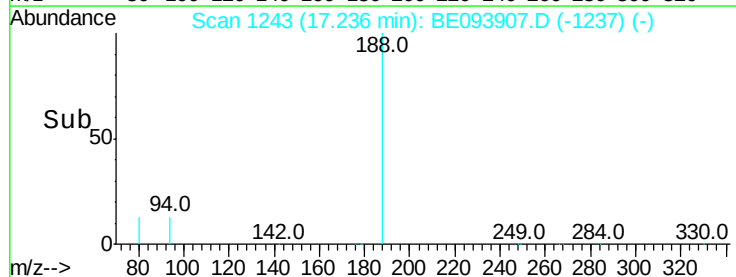
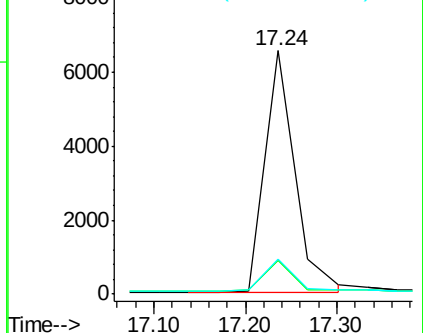
80 14.6 18.2 27.2#

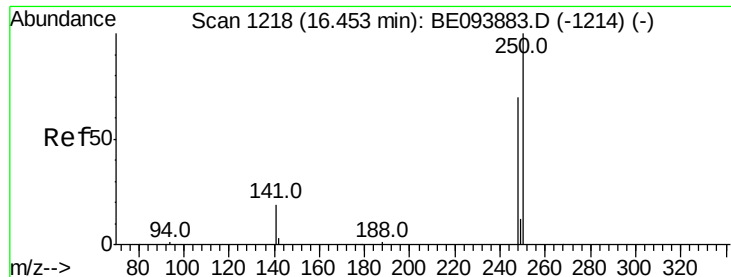


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

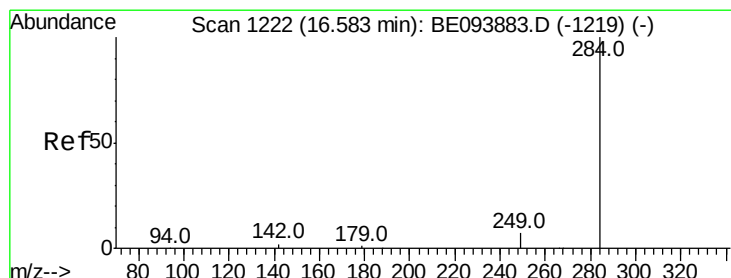
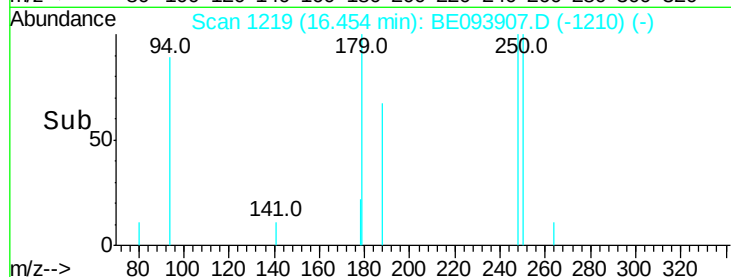
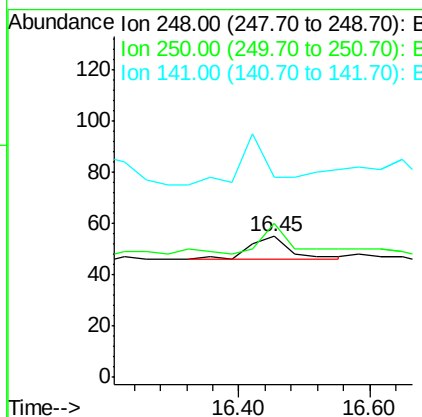
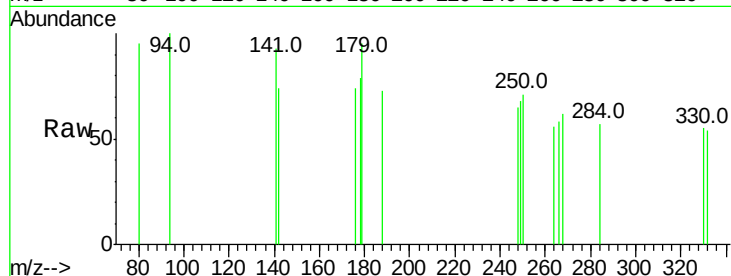




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093907.D
Acq: 1 Sep 2017 18:12

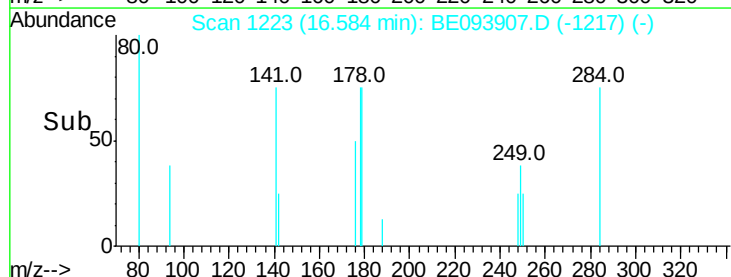
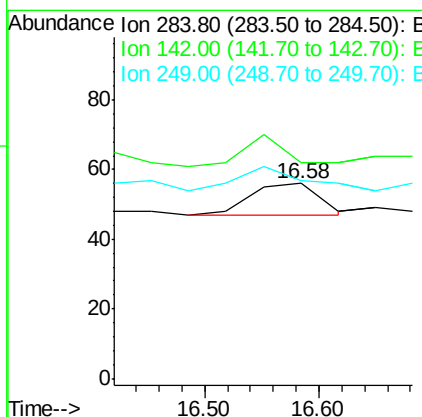
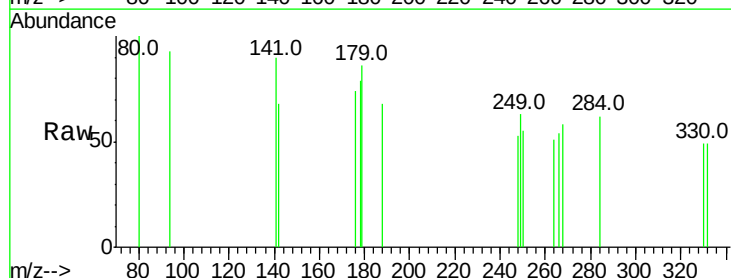
Instrument :
BNA_E
ClientSampleId :
3822-PP3

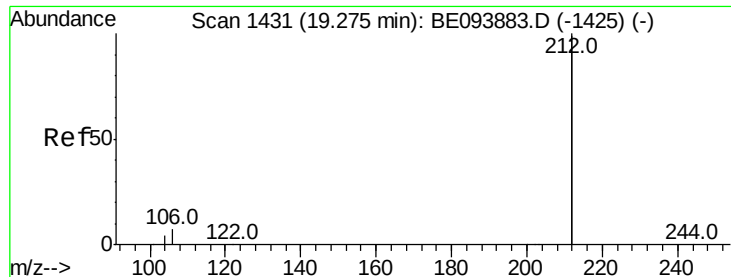
Tot Ion:248 Resp: 39
Ion Ratio Lower Upper
248 100
250 109.1 111.8 167.8#
141 141.8 27.1 40.7#



#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093907.D
Acq: 1 Sep 2017 18:12

Tgt Ion:284 Resp: 37
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0





#25

Fluoranthene-d10

Concen: 0.305 ng

RT: 19.27 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093907.D

Acq: 1 Sep 2017 18:12

Instrument :

BNA_E

ClientSampleId :

3822-PP3

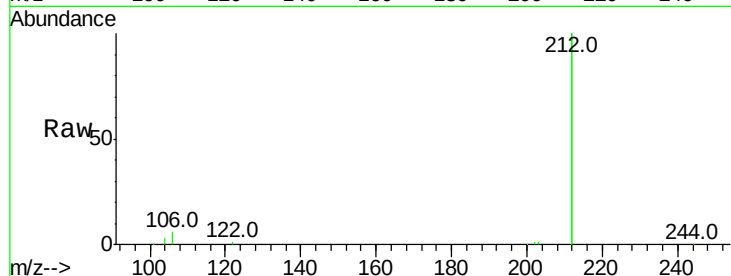
Tot Ion:212 Resp: 52394

Ion Ratio Lower Upper

212 100

106 3.3 2.7 4.1

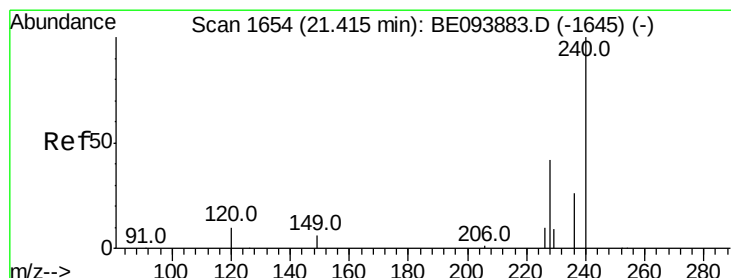
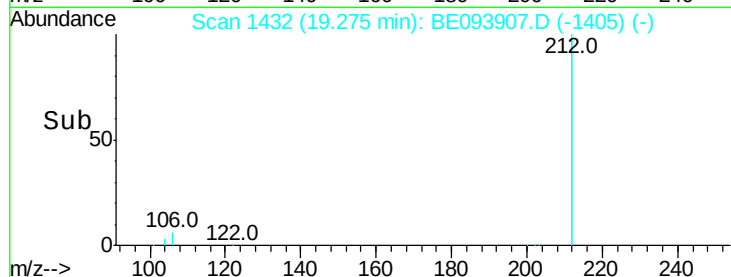
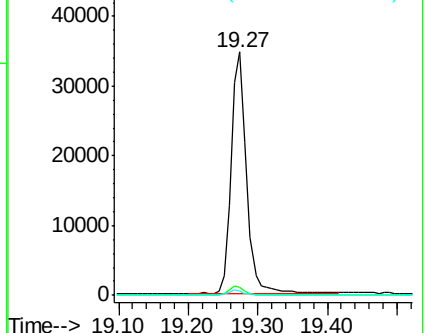
104 1.9 1.6 2.4



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: 21.42 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093907.D

Acq: 1 Sep 2017 18:12

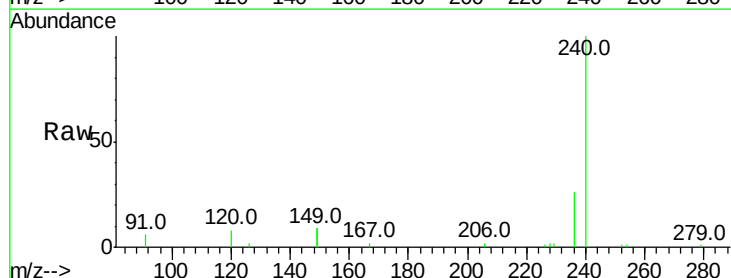
Tgt Ion:240 Resp: 15973

Ion Ratio Lower Upper

240 100

120 7.9 8.7 13.1#

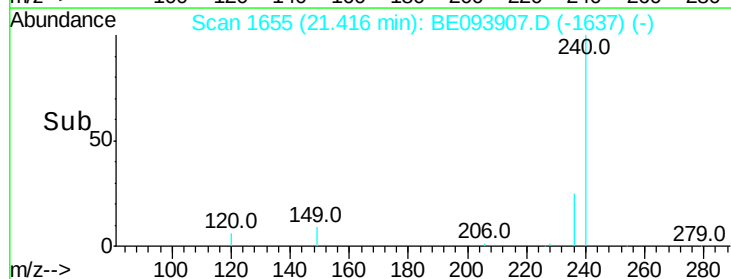
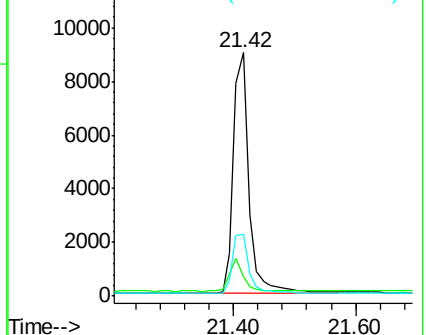
236 25.6 21.3 31.9

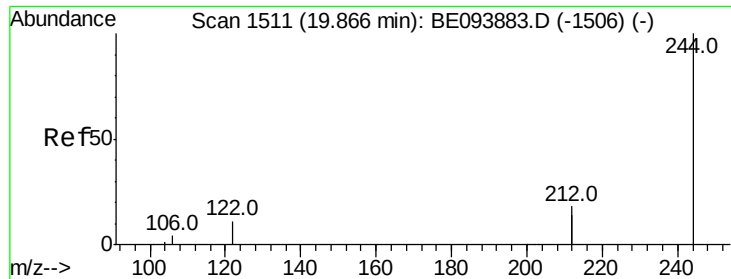


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.428 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093907.D

Acq: 1 Sep 2017 18:12

Instrument :

BNA_E

ClientSampleId :

3822-PP3

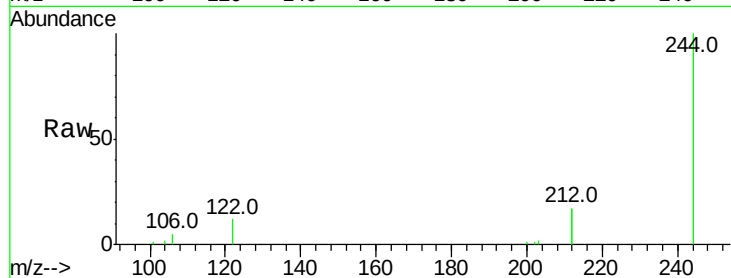
Tot Ion:244 Resp: 12359

Ion Ratio Lower Upper

244 100

212 34.2 28.3 42.5

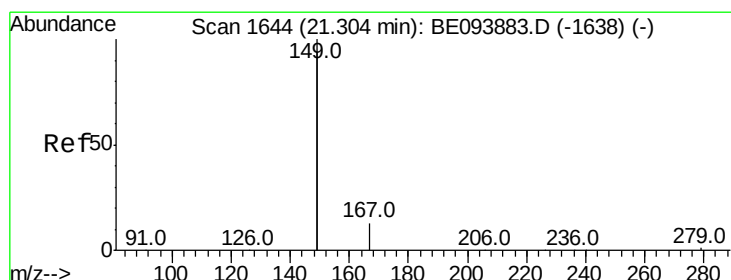
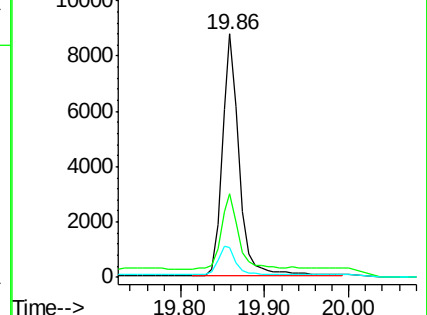
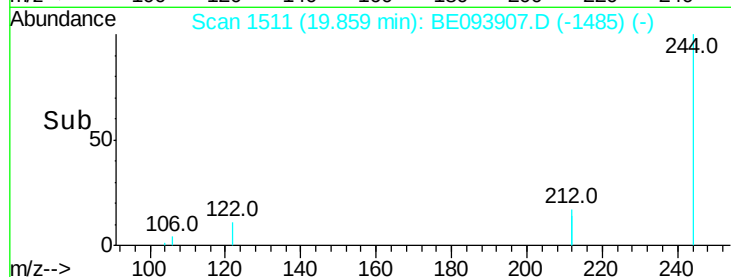
122 12.1 9.4 14.0



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: 0.199 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093907.D

Acq: 1 Sep 2017 18:12

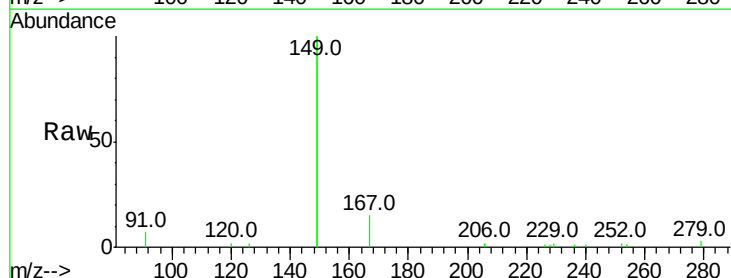
Tgt Ion:149 Resp: 19879

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

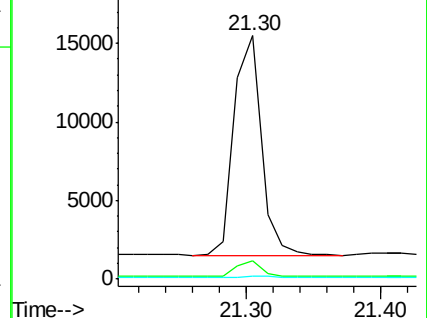
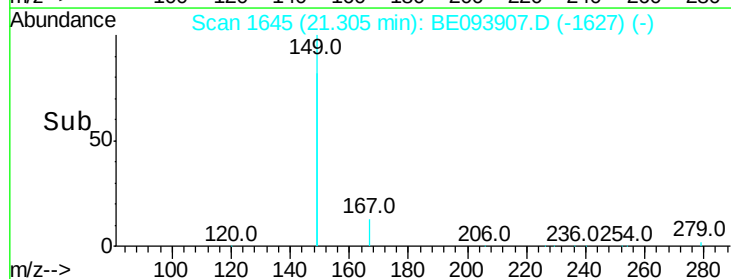
279 0.9 0.7 1.1

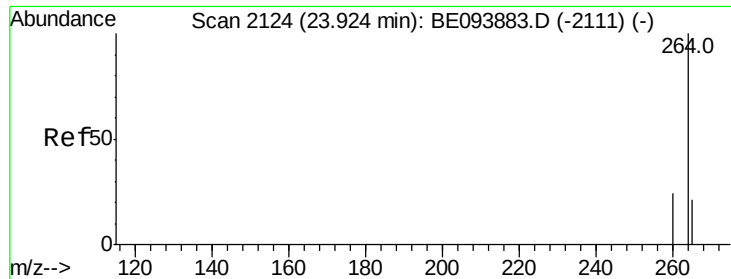


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlone-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BE093907.D
Acq: 1 Sep 2017 18:12

Instrument :
BNA_E
ClientSampleId :
3822-PP3

Tot Ion:264 Resp: 10457
Ion Ratio Lower Upper
264 100
260 26.5 20.0 30.0
265 30.5 24.0 36.0

