

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093975.D
 Acq On : 11 Sep 2017 22:42
 Operator : SJ/JU
 Sample : I5147-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170906

Quant Time: Sep 12 07:45:02 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

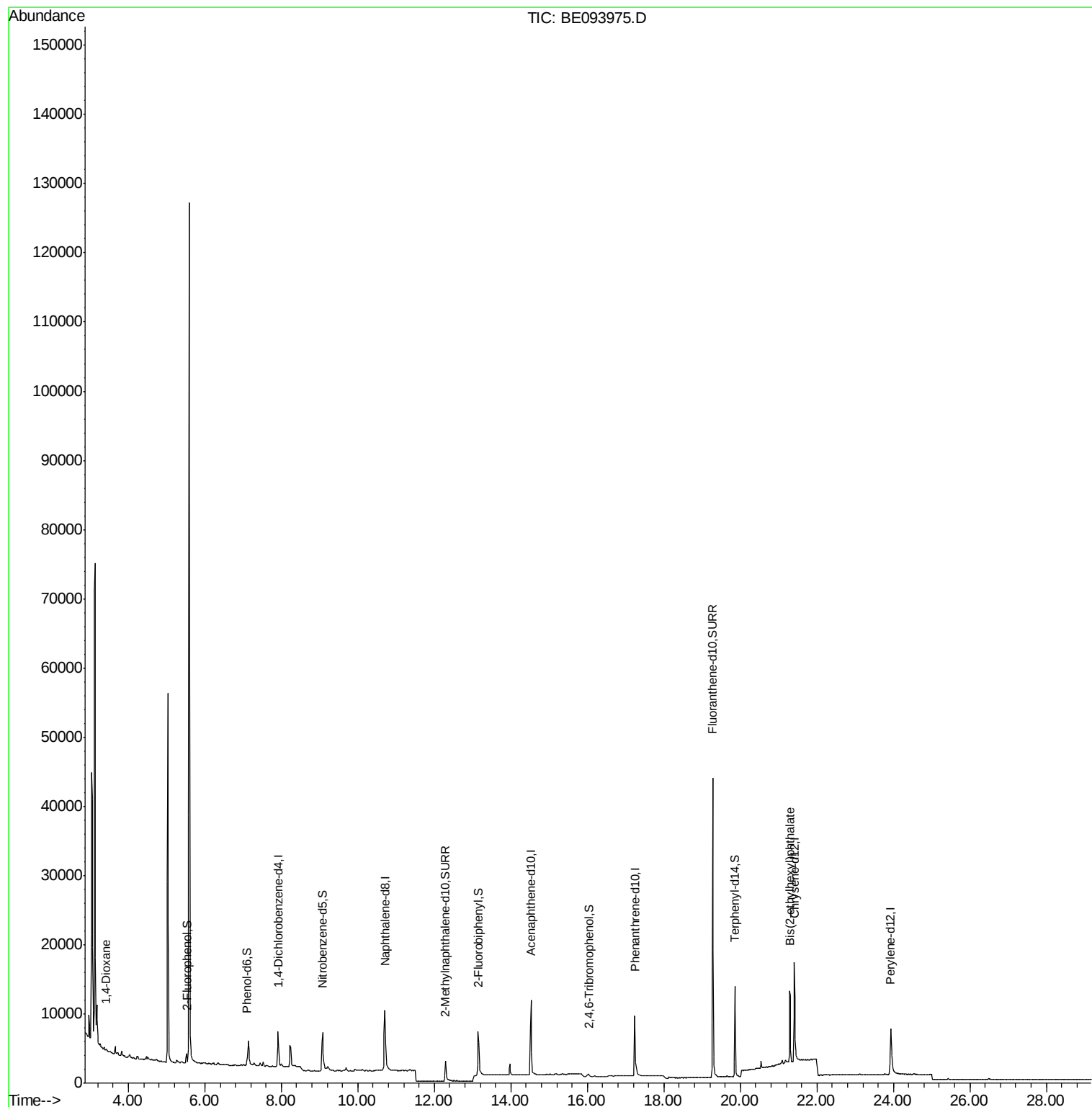
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2531	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12409	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7504	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16448	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	18108	0.40	ng	-0.01
34) Perylene-d12	23.93	264	14210	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	996	0.12	ng	0.00
5) Phenol-d6	7.11	99	867	0.07	ng	0.00
8) Nitrobenzene-d5	9.08	82	3177	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5766	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	479	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8236	0.28	ng	-0.01
25) Fluoranthene-d10	19.27	212	63276	0.26	ng	0.00
29) Terphenyl-d14	19.86	244	12193	0.37	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.42	88	255	0.073	ng	Qvalue # 1
20) 4-Bromophenyl-phenylether	16.45	248	2	Below Cal	#	32
23) Phenanthrene	17.30	178	409	Below Cal	#	78
32) Bis(2-ethylhexyl)phthalate	21.29	149	14831	0.110	ng	100

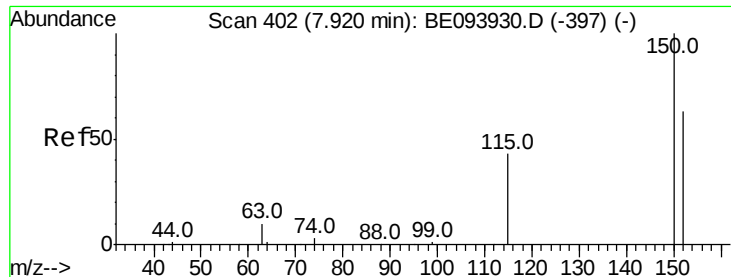
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration



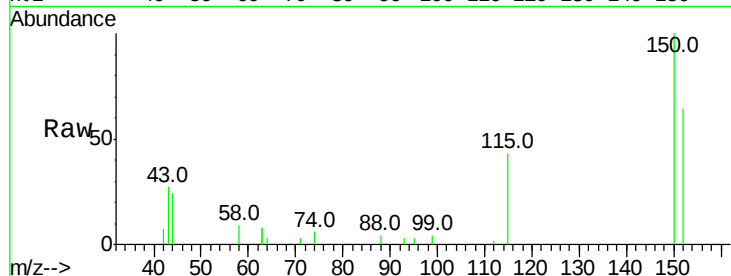


#1

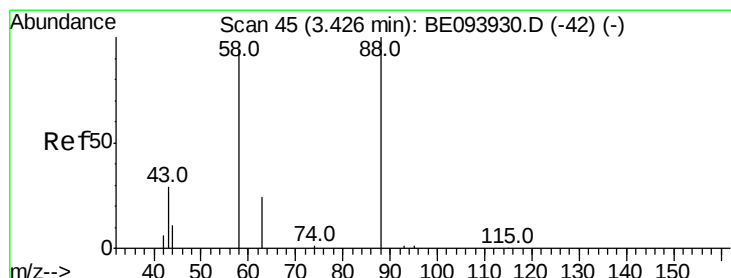
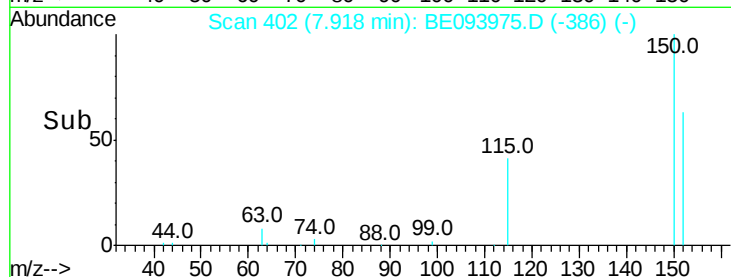
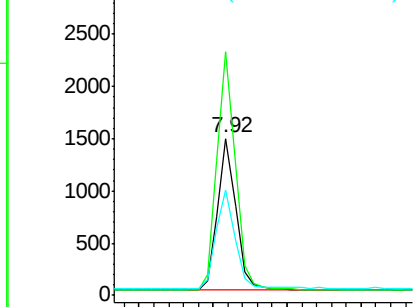
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093975.D
Acq: 11 Sep 2017 22:42

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170906

Tot Ion:152 Resp: 2531
Ion Ratio Lower Upper
152 100
150 155.4 121.8 182.6
115 67.4 52.6 79.0



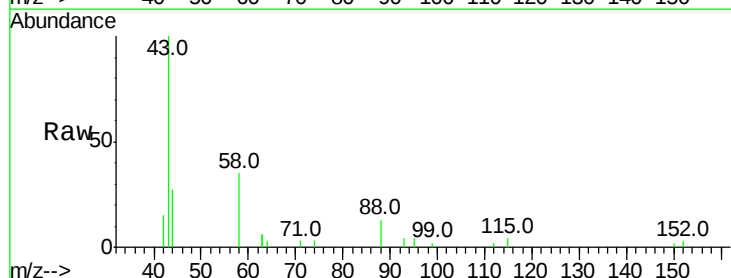
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



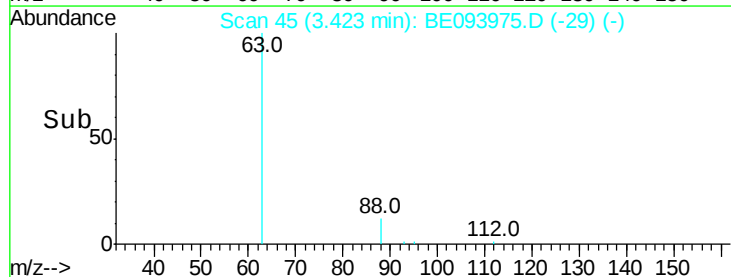
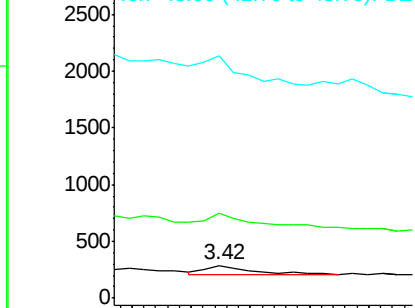
#2

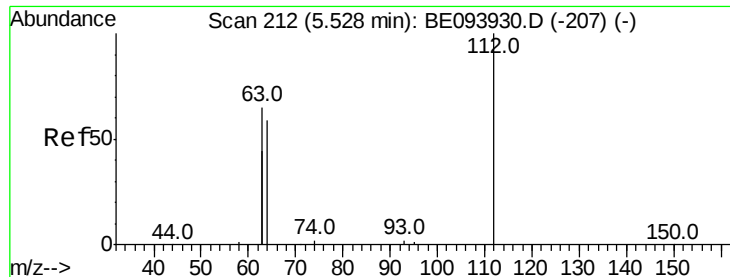
1,4-Dioxane
Concen: 0.073 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE093975.D
Acq: 11 Sep 2017 22:42

Tgt Ion: 88 Resp: 255
Ion Ratio Lower Upper
88 100
58 223.1 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





#4

2-Fluorophenol

Concen: 0.122 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170906

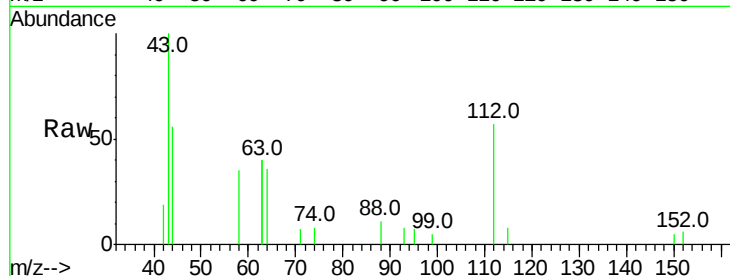
Tot Ion: 112 Resp: 996

Ion Ratio Lower Upper

112 100

64 68.0 57.7 86.5

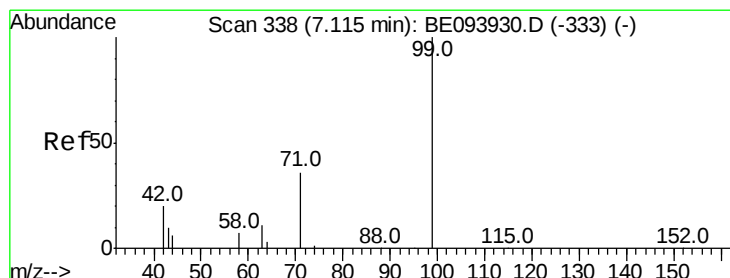
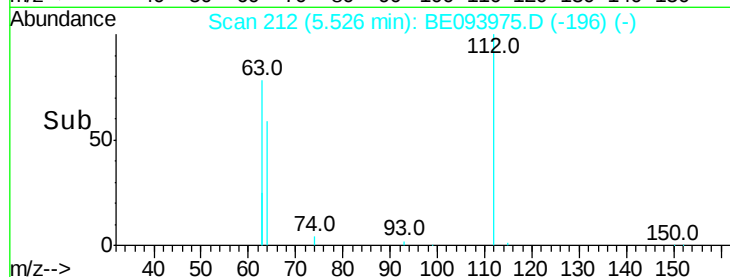
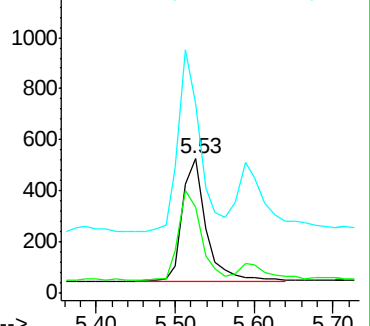
63 137.9 116.0 174.0



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

Phenol-d6

Concen: 0.071 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

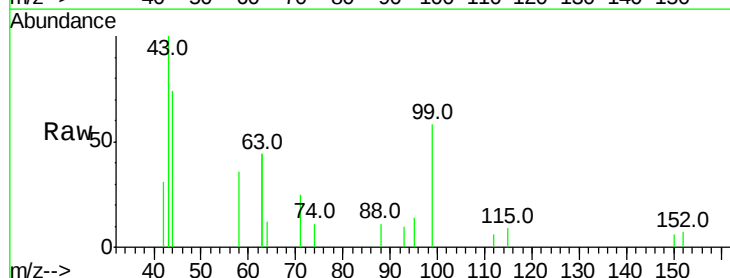
Tgt Ion: 99 Resp: 867

Ion Ratio Lower Upper

99 100

42 40.5 17.1 25.7#

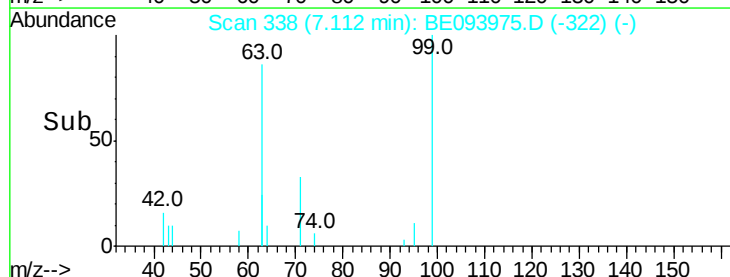
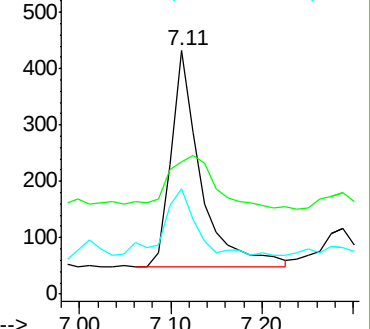
71 38.4 26.6 39.8

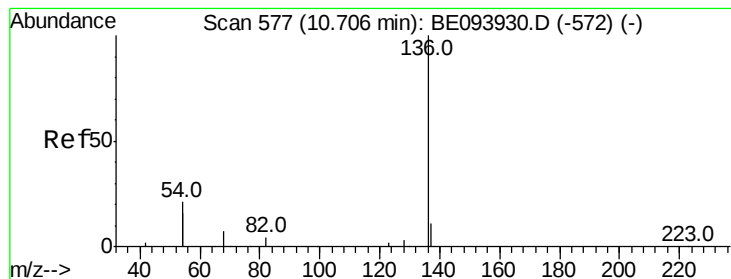


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170906

Tot Ion:136 Resp: 12409

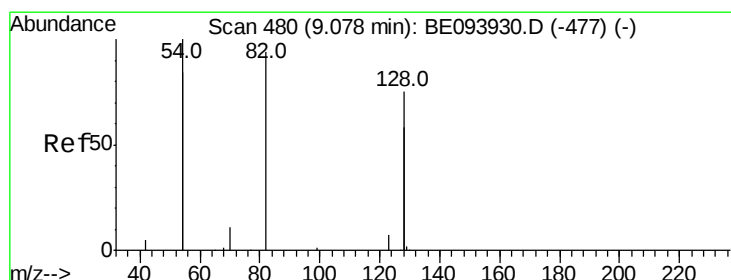
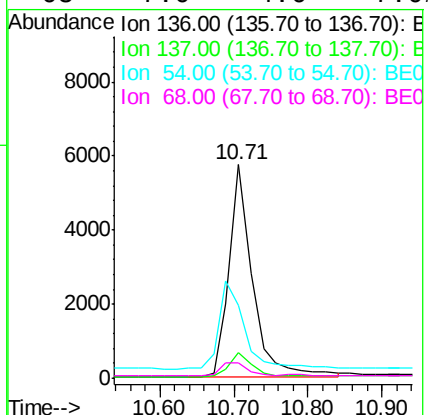
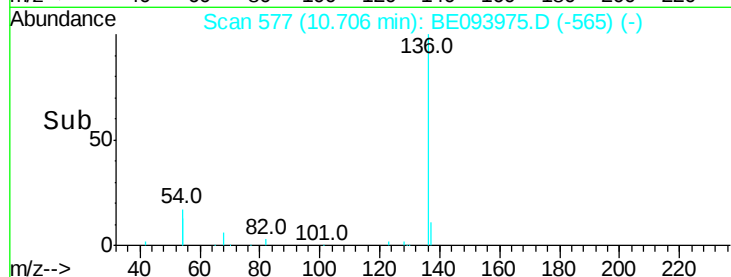
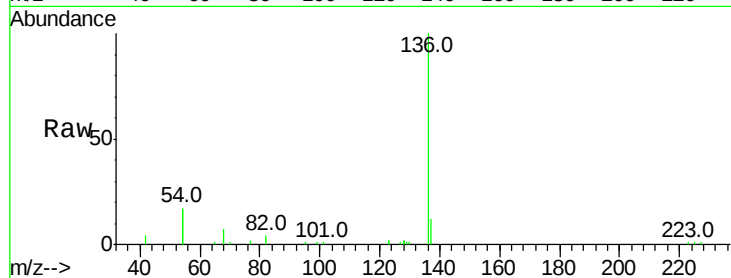
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 34.3 21.9 32.9#

68 7.0 4.6 7.0#



#8

Nitrobenzene-d5

Concen: 0.303 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

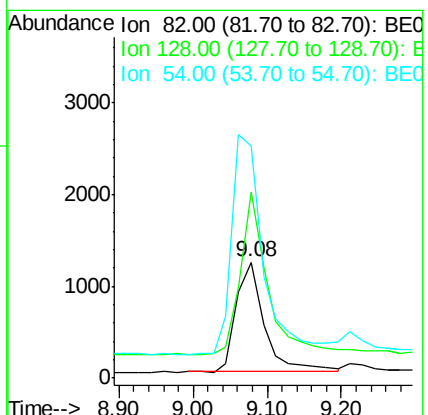
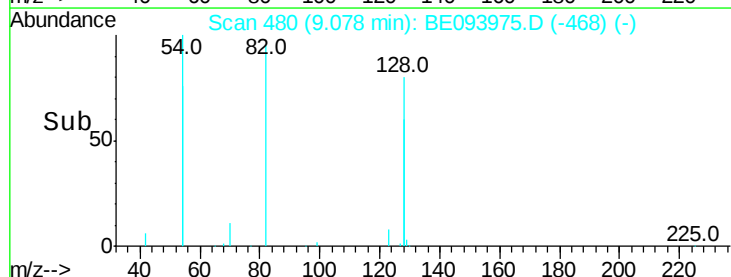
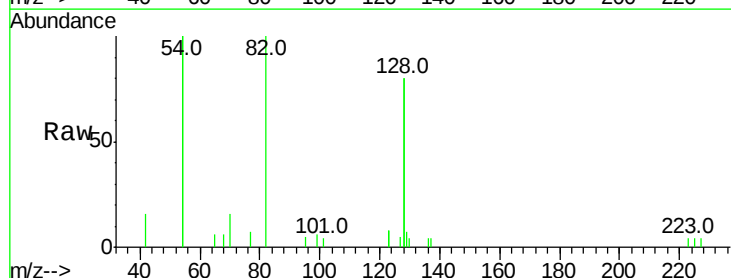
Tgt Ion: 82 Resp: 3177

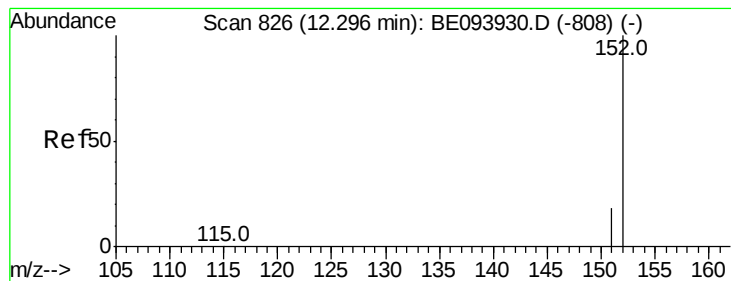
Ion Ratio Lower Upper

82 100

128 160.6 91.4 137.0#

54 200.3 197.8 296.8





#11

2-Methylnaphthalene-d10

Concen: 0.290 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

Instrument :

BNA_E

ClientSampleId :

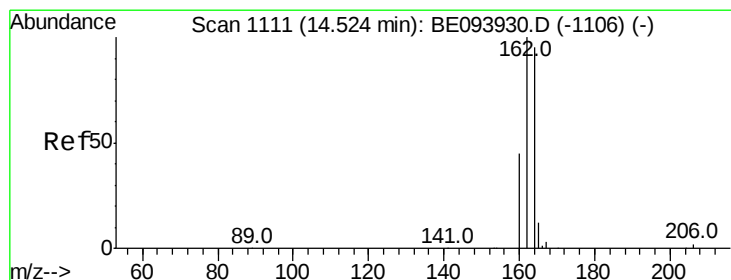
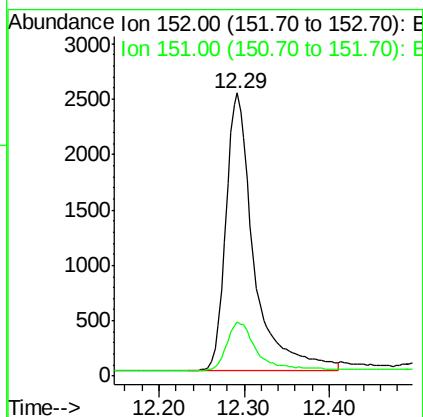
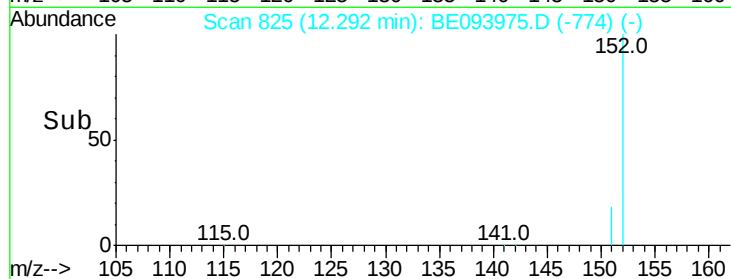
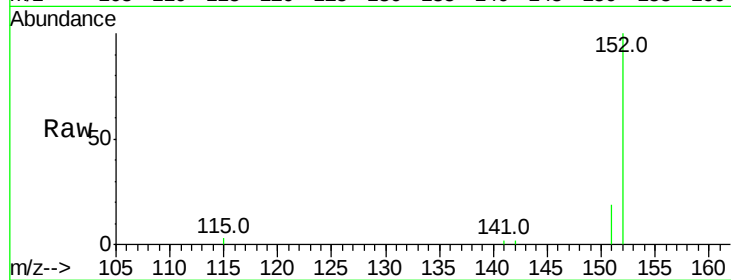
KY038PS033-170906

Tot Ion:152 Resp: 5766

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

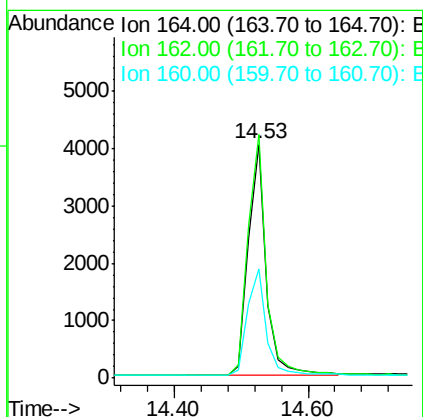
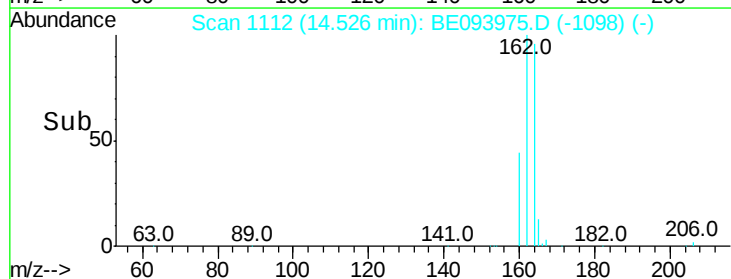
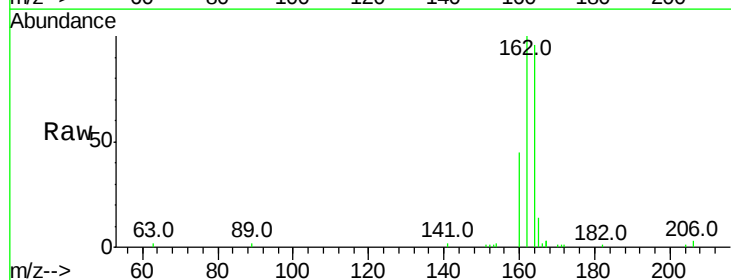
Tgt Ion:164 Resp: 7504

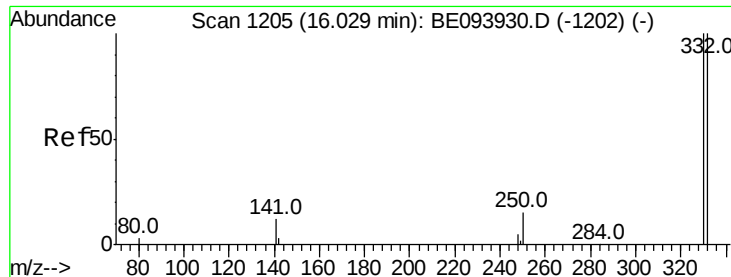
Ion Ratio Lower Upper

164 100

162 104.3 80.8 121.2

160 47.0 37.0 55.4

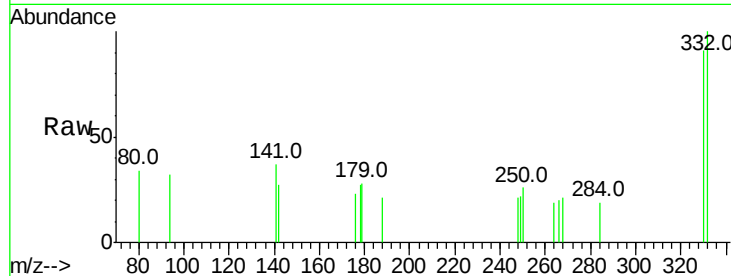




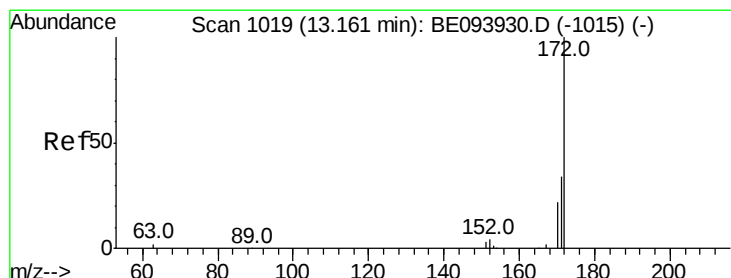
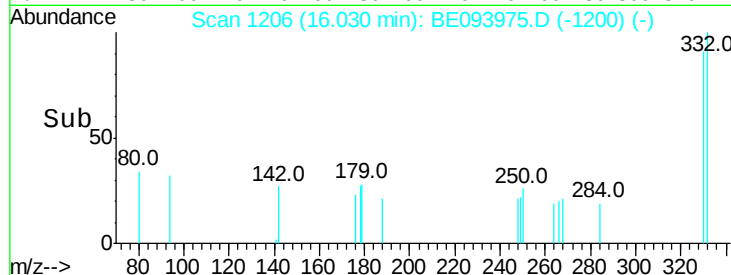
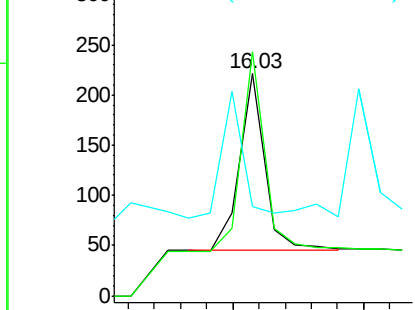
#14
 2,4,6-Tribromophenol
 Concen: 0.206 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093975.D
 Acq: 11 Sep 2017 22:42

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170906

Tot Ion:330 Resp: 479
 Ion Ratio Lower Upper
 330 100
 332 107.3 76.9 115.3
 141 0.0 0.0 0.0

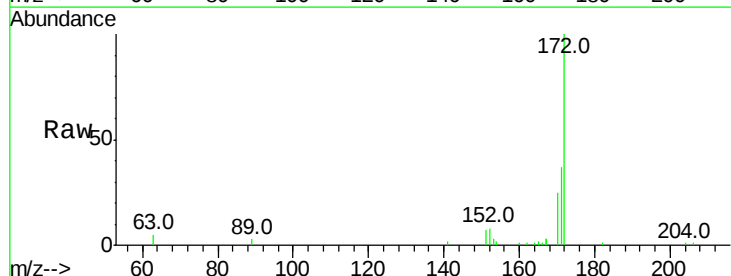


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

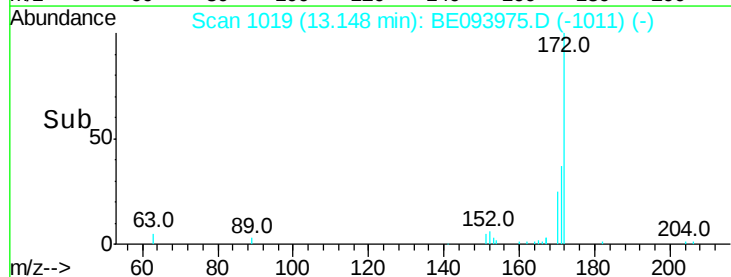
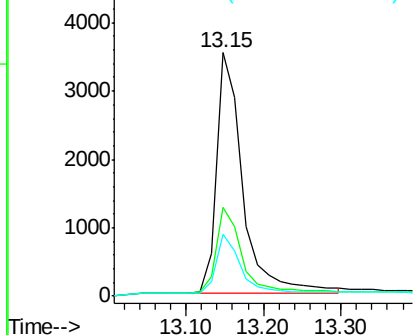


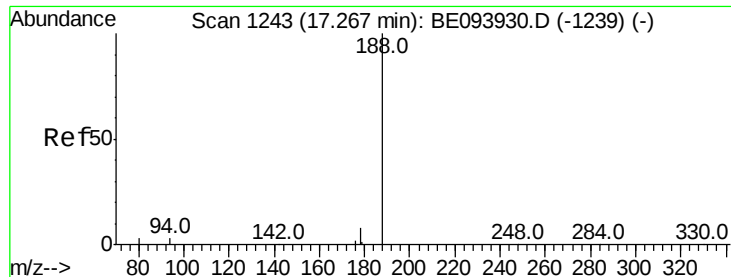
#15
 2-Fluorobiphenyl
 Concen: 0.278 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BE093975.D
 Acq: 11 Sep 2017 22:42

Tgt Ion:172 Resp: 8236
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.9 40.3
 170 25.3 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. -0.03 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170906

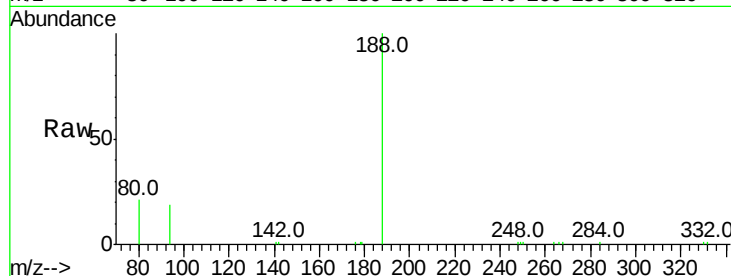
Tot Ion:188 Resp: 16448

Ion Ratio Lower Upper

188 100

94 18.8 16.1 24.1

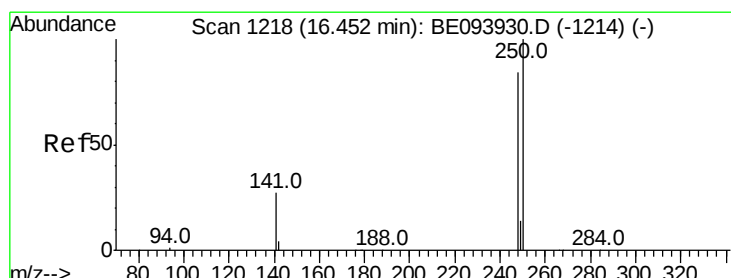
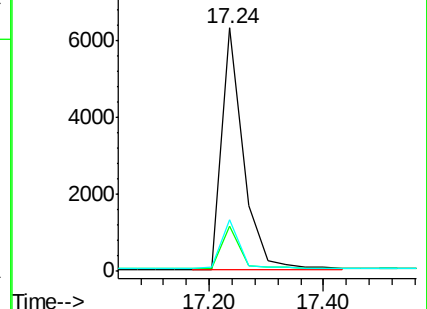
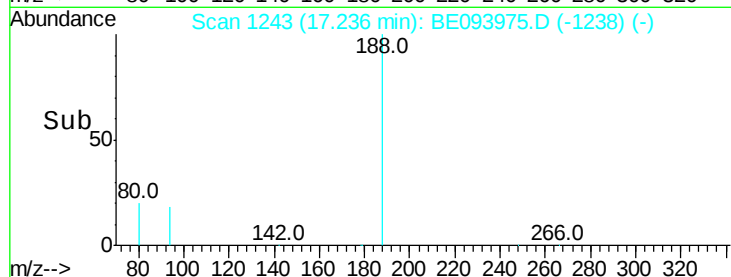
80 21.0 18.2 27.2



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: BE093975.D

Acq: 11 Sep 2017 22:42

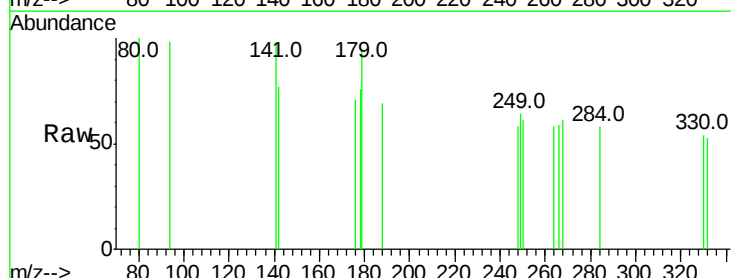
Tgt Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 106.3 111.8 167.8#

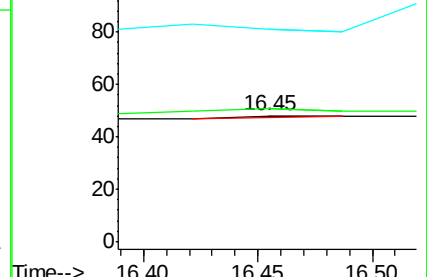
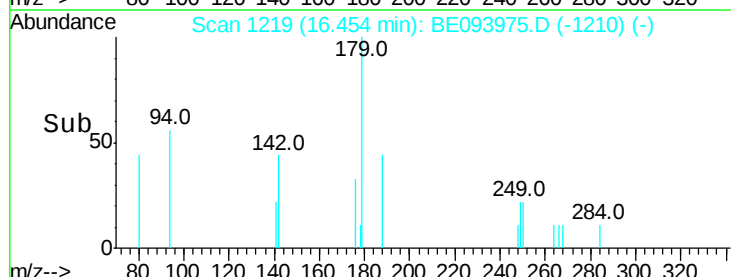
141 168.8 27.1 40.7#

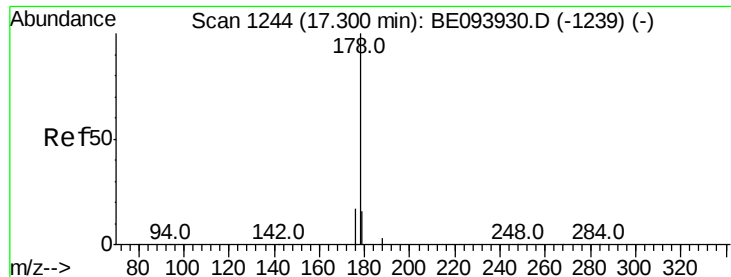


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170906

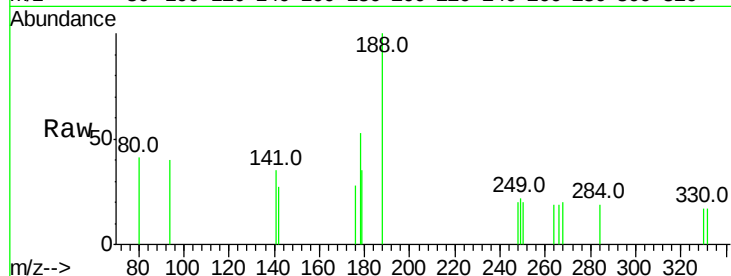
Tot Ion:178 Resp: 409

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

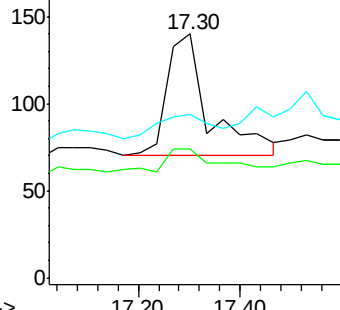
179 24.9 12.6 18.8#



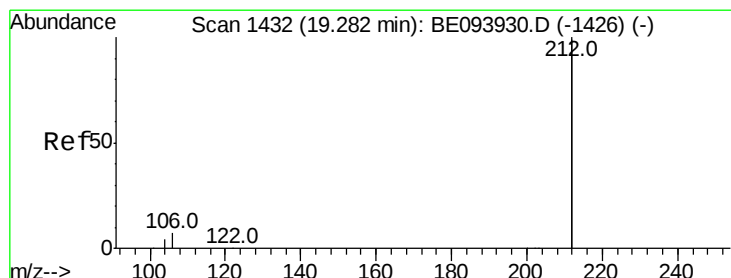
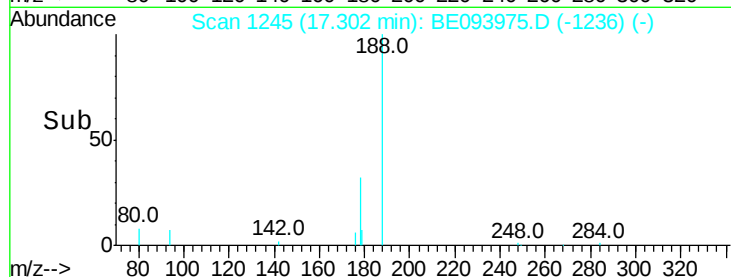
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.258 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

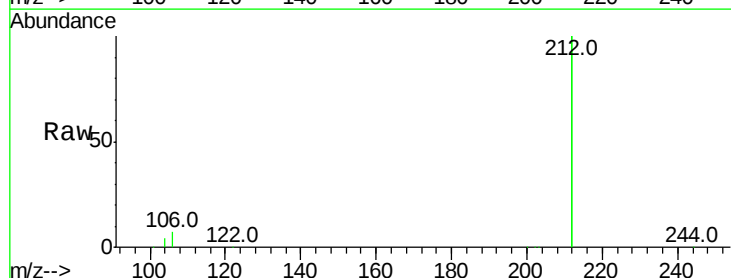
Tgt Ion:212 Resp: 63276

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

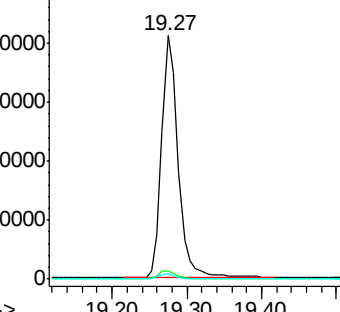
104 2.0 1.6 2.4



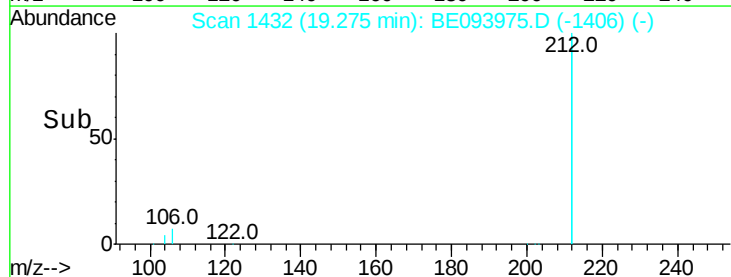
Abundance Ion 212.00 (211.70 to 212.70): E

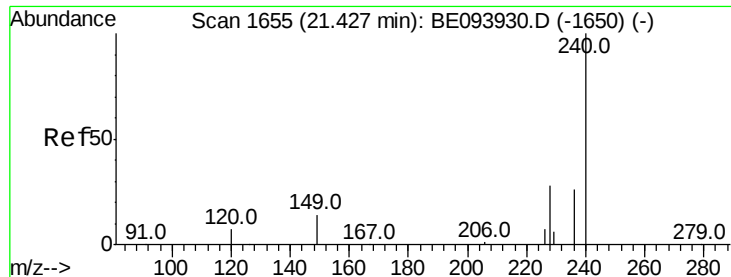
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170906

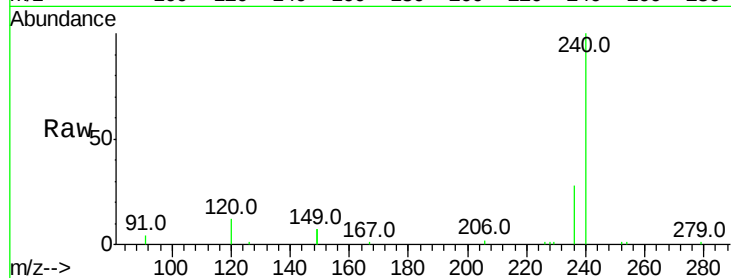
Tot Ion:240 Resp: 18108

Ion Ratio Lower Upper

240 100

120 11.7 8.7 13.1

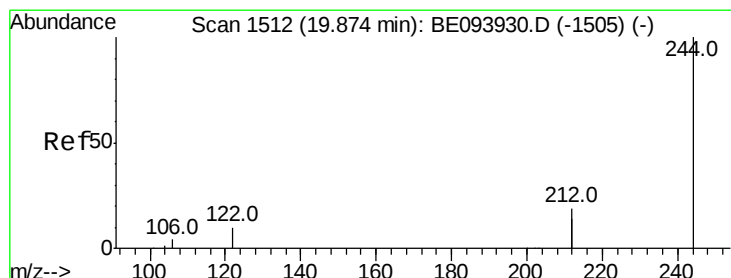
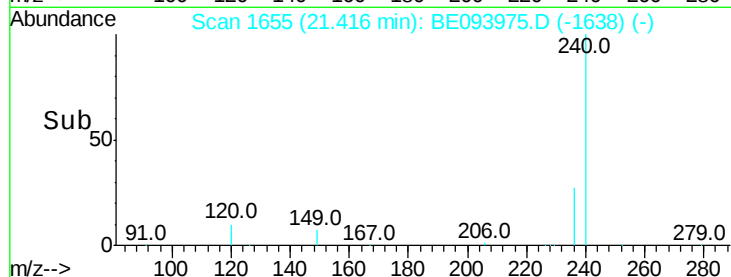
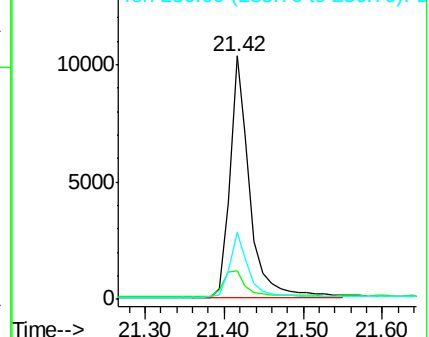
236 27.6 21.3 31.9



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: 0.366 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

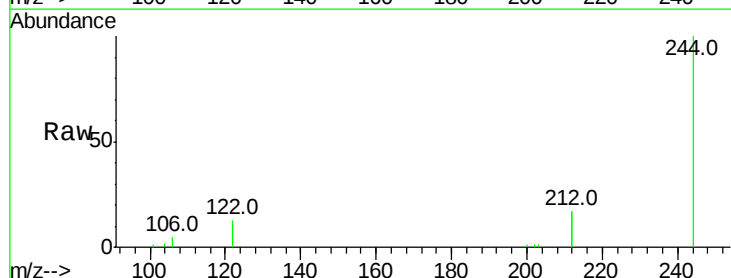
Tgt Ion:244 Resp: 12193

Ion Ratio Lower Upper

244 100

212 33.7 28.3 42.5

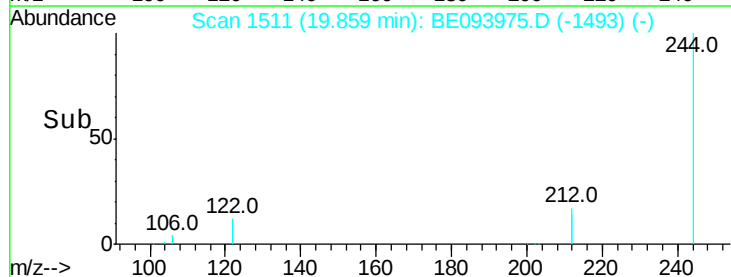
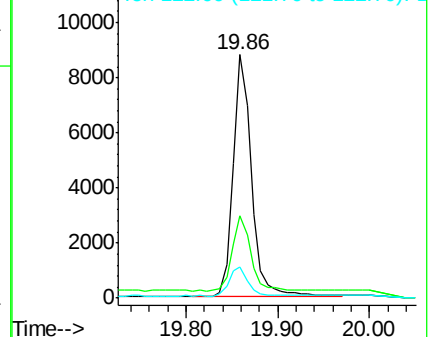
122 12.8 9.4 14.0

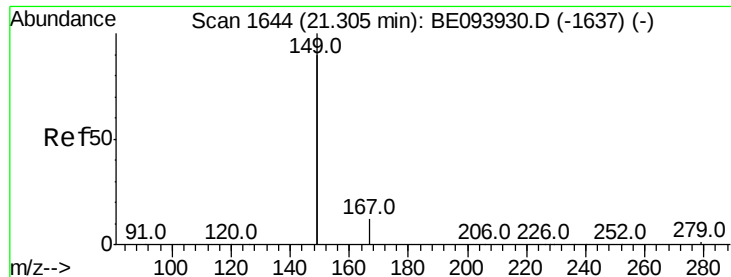


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.110 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170906

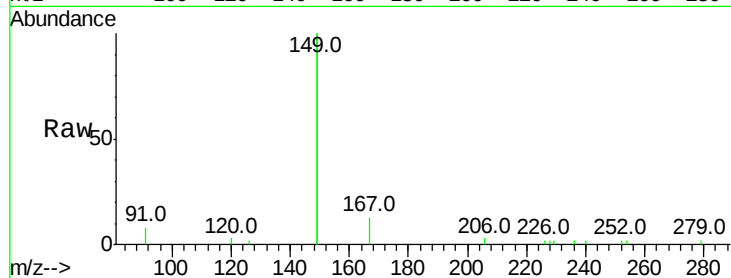
Tot Ion:149 Resp: 14831

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

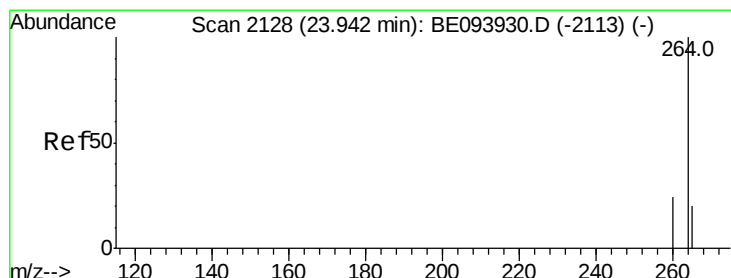
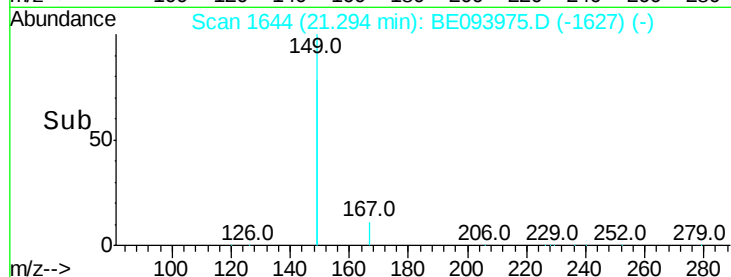
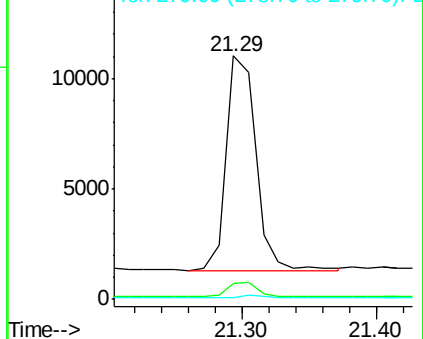
279 1.0 0.7 1.1



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: 23.93 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE093975.D

Acq: 11 Sep 2017 22:42

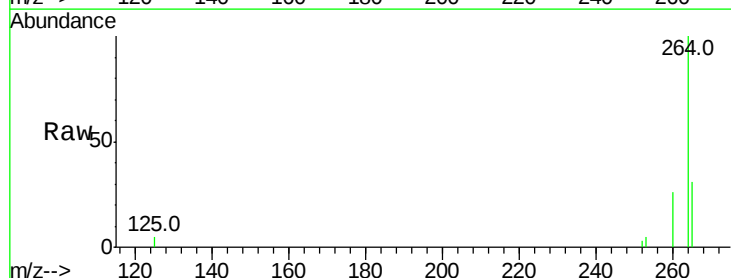
Tgt Ion:264 Resp: 14210

Ion Ratio Lower Upper

264 100

260 25.7 20.0 30.0

265 31.0 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

