

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095929.D
 Acq On : 2 Apr 2018 16:06
 Operator : SJ/JU
 Sample : J2116-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 03 03:51:01 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

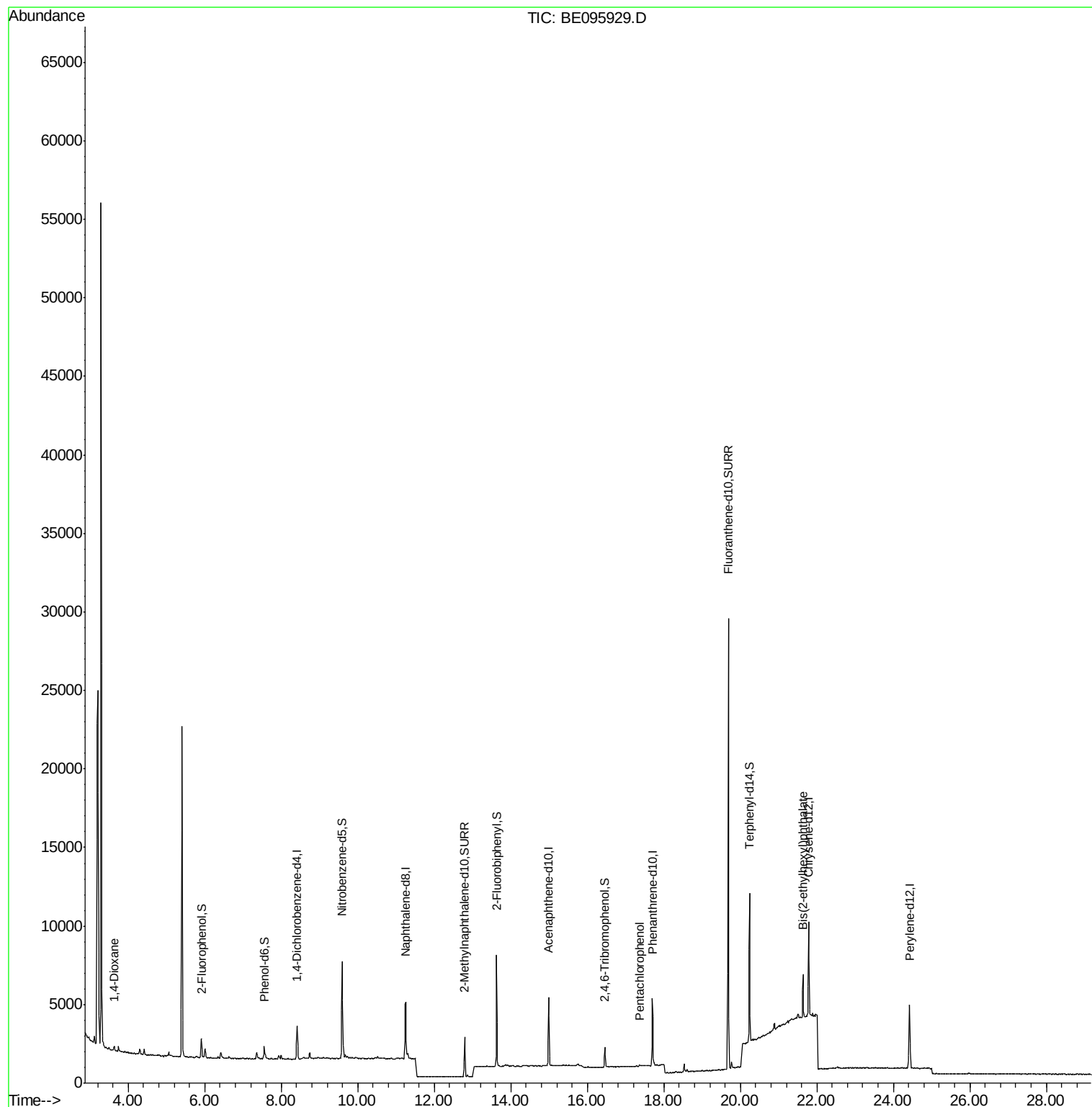
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1088	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4427	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2582	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	5729	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6171	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6166	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	637	0.18	ng	0.00
5) Phenol-d6	7.56	99	549	0.11	ng	0.00
8) Nitrobenzene-d5	9.59	82	2357	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3330	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	692	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	6068	0.56	ng	-0.01
25) Fluoranthene-d10	19.68	212	37999	0.45	ng	0.00
29) Terphenyl-d14	20.24	244	9021	0.69	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.64	88	187	0.105	ng	# 25
22) Pentachlorophenol	17.36	266	55	0.173	ng	97
32) Bis(2-ethylhexyl)phthalate	21.64	149	3550	0.054	ng	# 95

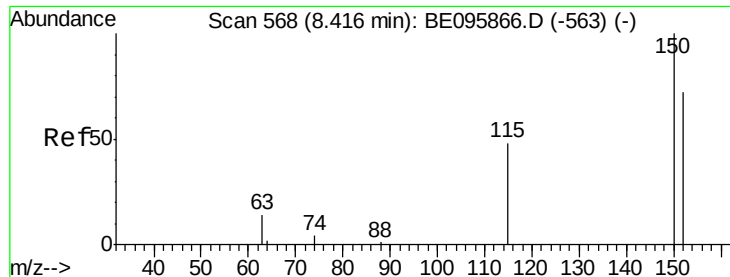
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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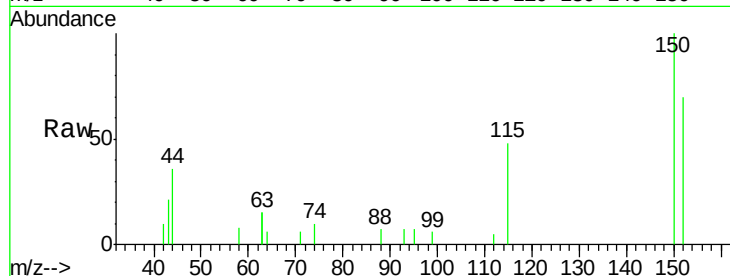


#1

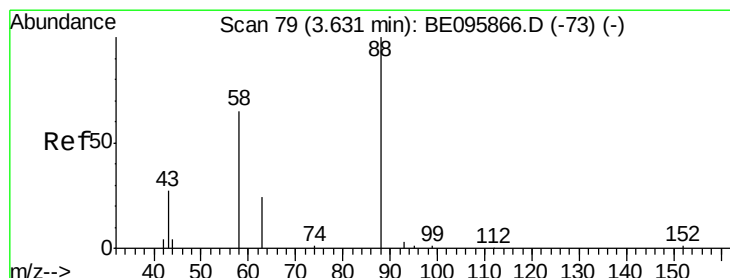
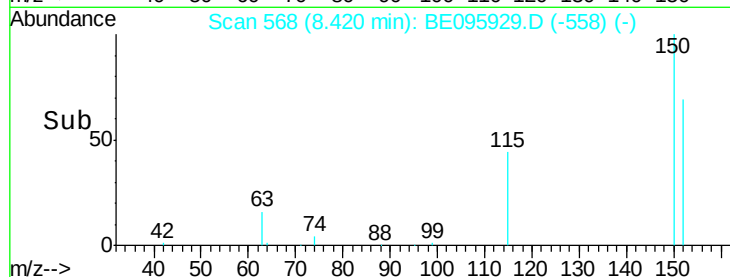
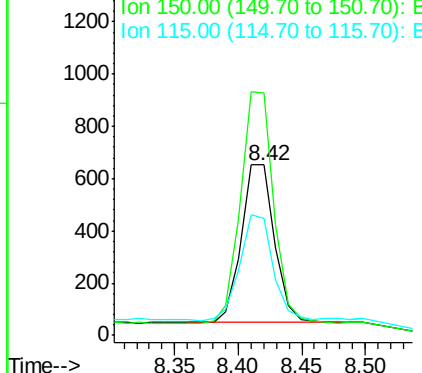
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095929.D
Acq: 2 Apr 2018 16:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1088
Ion Ratio Lower Upper
152 100
150 142.5 117.2 175.8
115 68.9 57.0 85.6



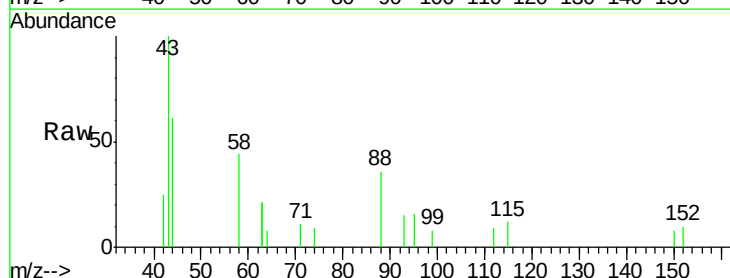
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



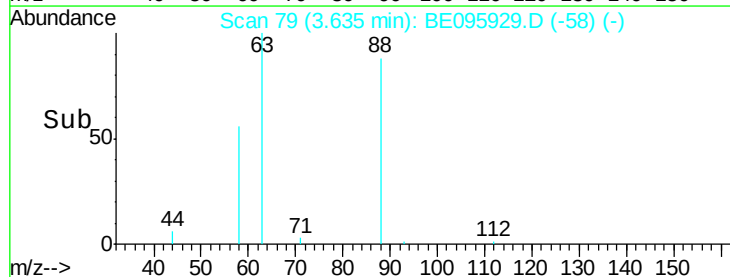
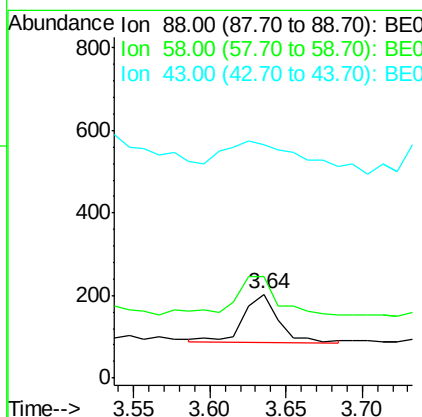
#2

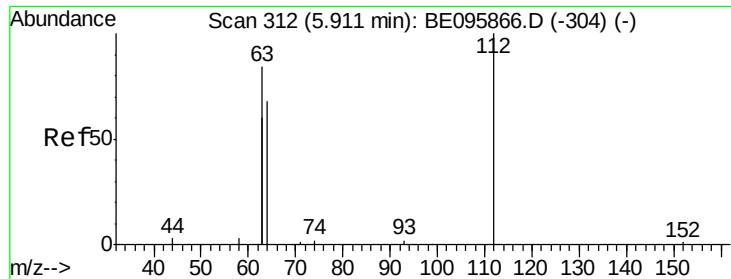
1,4-Dioxane
Concen: 0.105 ng
RT: 3.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095929.D
Acq: 2 Apr 2018 16:06

Tgt Ion: 88 Resp: 187
Ion Ratio Lower Upper
88 100
58 102.1 63.2 94.8#
43 156.1 41.2 61.8#



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





#4

2-Fluorophenol

Concen: 0.178 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095929.D

Acq: 2 Apr 2018 16:06

Instrument :

BNA_E

ClientSampled :

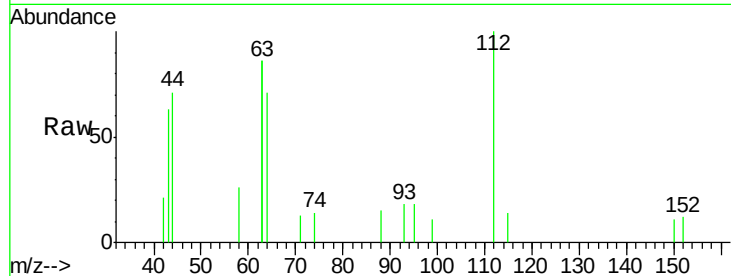
Tot Ion: 112 Resp: 637

Ion Ratio Lower Upper

112 100

64 81.8 60.1 90.1

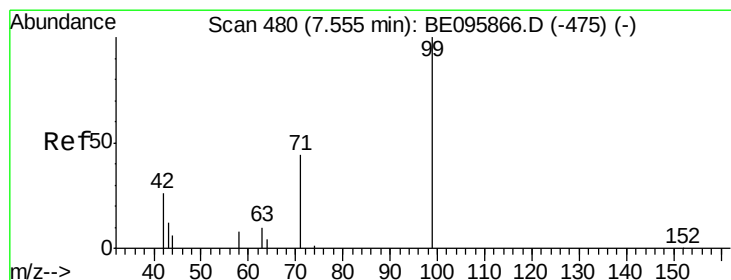
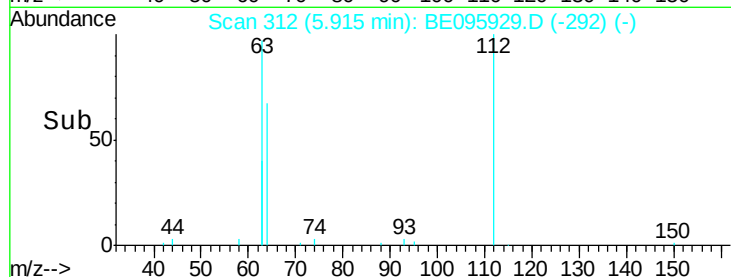
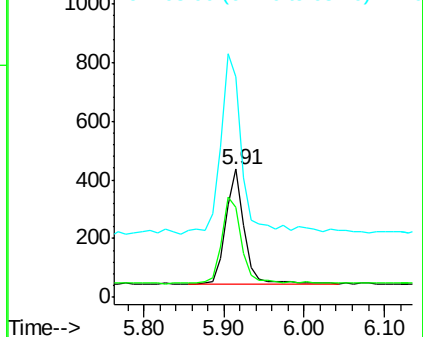
63 176.8 116.8 175.2#



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: 0.111 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095929.D

Acq: 2 Apr 2018 16:06

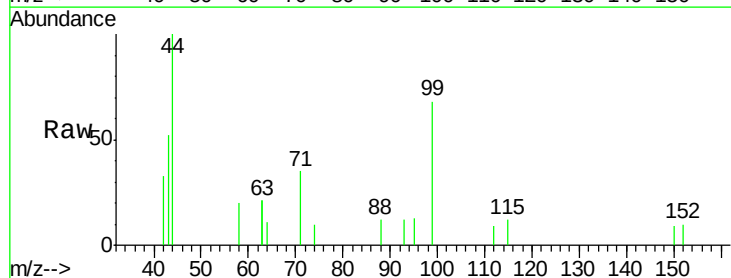
Tgt Ion: 99 Resp: 549

Ion Ratio Lower Upper

99 100

42 31.5 20.2 30.2#

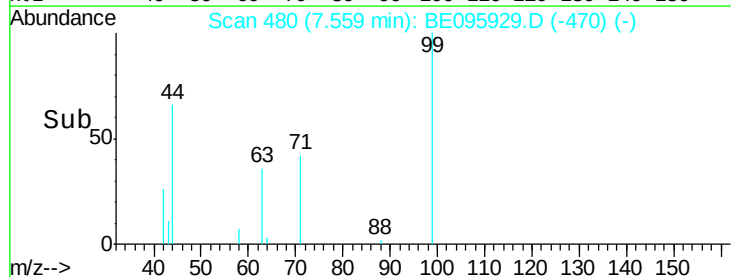
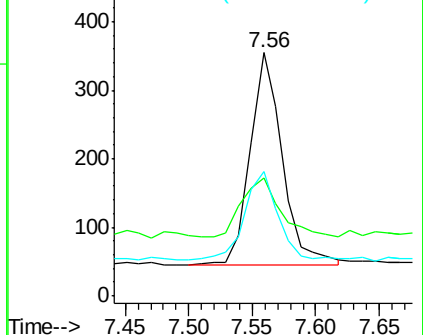
71 43.7 28.4 42.6#

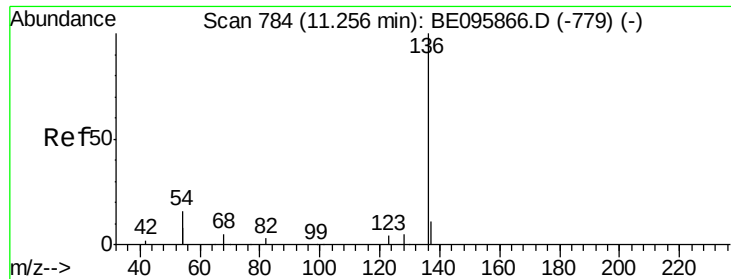


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095929.D

Acq: 2 Apr 2018 16:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4427

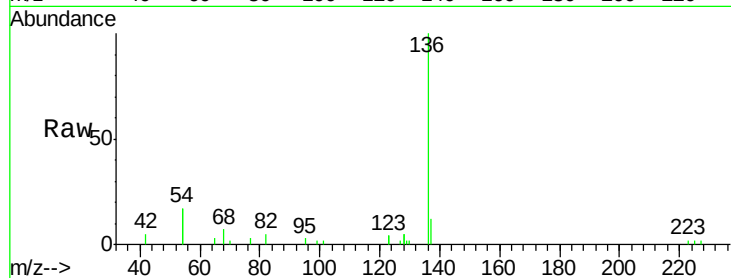
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 33.7 29.1 43.7

68 7.0 6.2 9.2

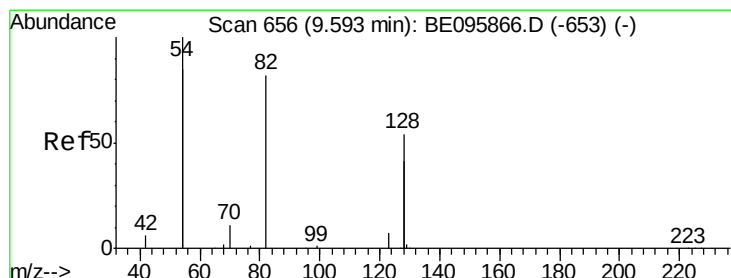
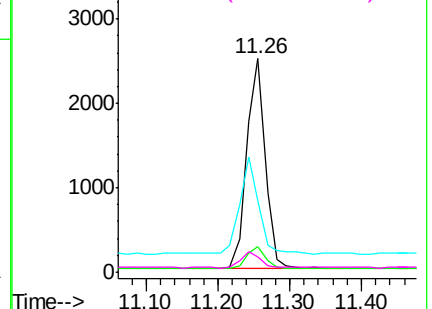
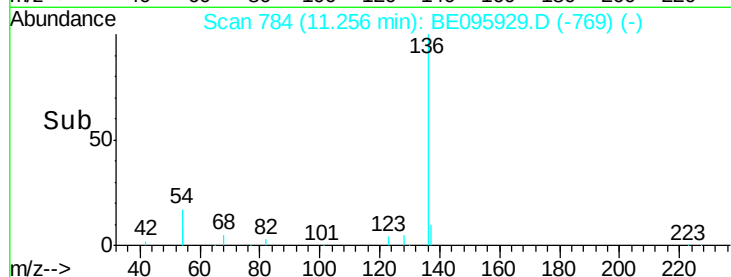


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.451 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095929.D

Acq: 2 Apr 2018 16:06

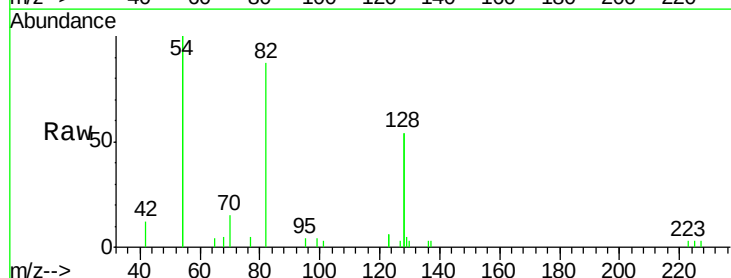
Tgt Ion: 82 Resp: 2357

Ion Ratio Lower Upper

82 100

128 124.1 150.0 225.0#

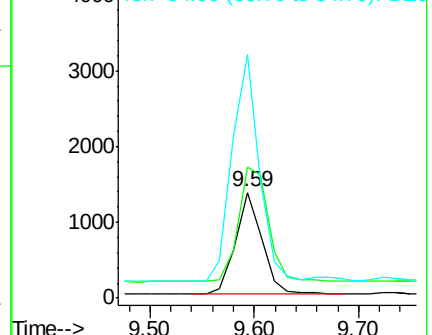
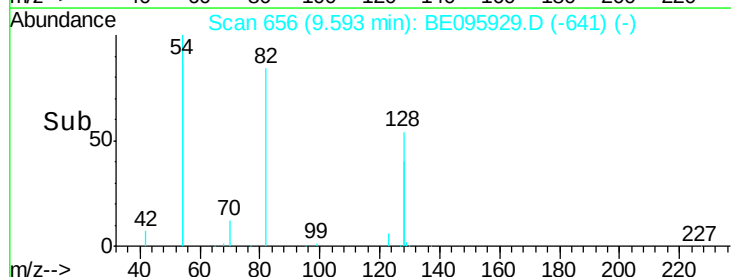
54 230.2 154.2 231.4

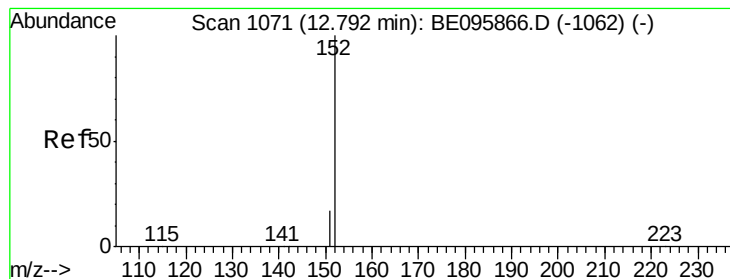


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.451 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095929.D

Acq: 2 Apr 2018 16:06

Instrument :

BNA_E

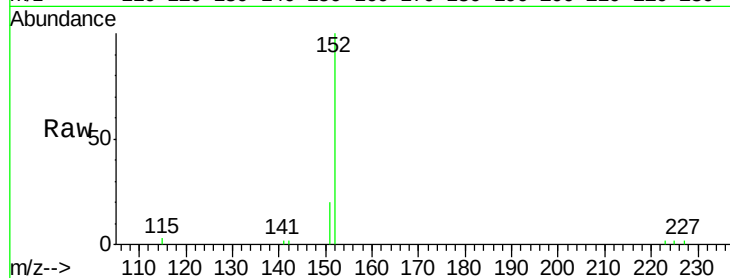
ClientSampleId :

Tot Ion:152 Resp: 3330

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.79

2500

2000

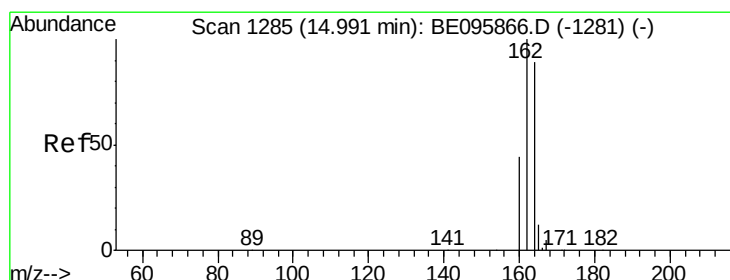
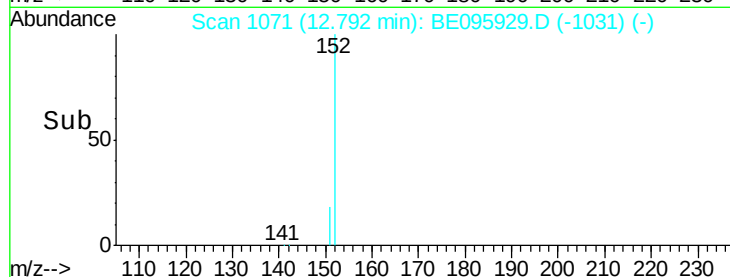
1500

1000

500

0

Time--> 12.70 12.80 12.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095929.D

Acq: 2 Apr 2018 16:06

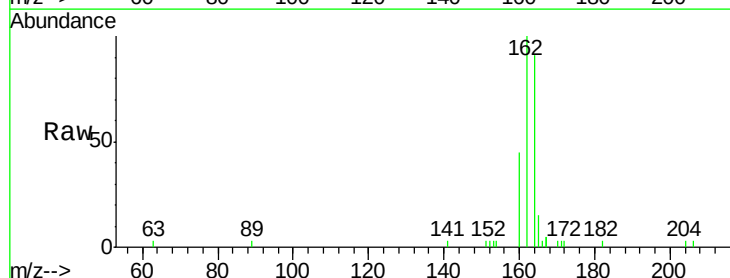
Tgt Ion:164 Resp: 2582

Ion Ratio Lower Upper

164 100

162 109.3 83.1 124.7

160 48.9 37.1 55.7



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

14.99

2500

2000

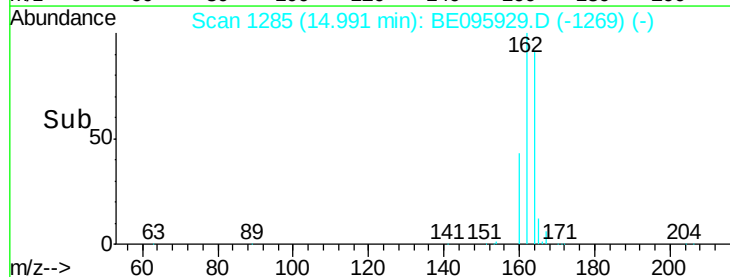
1500

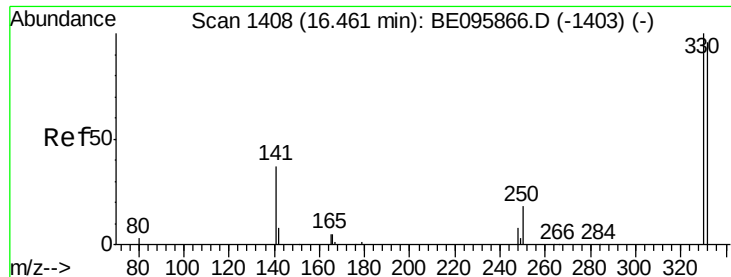
1000

500

0

Time--> 14.90 15.00 15.10

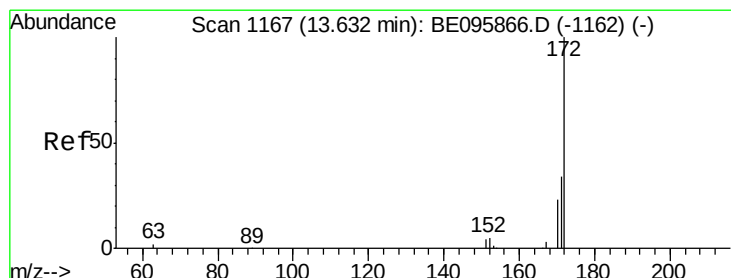
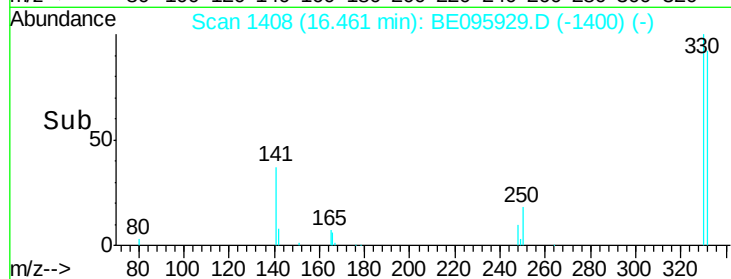
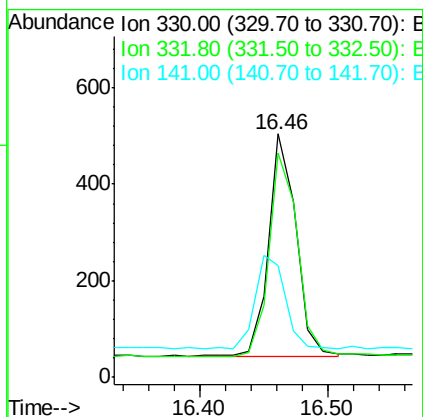
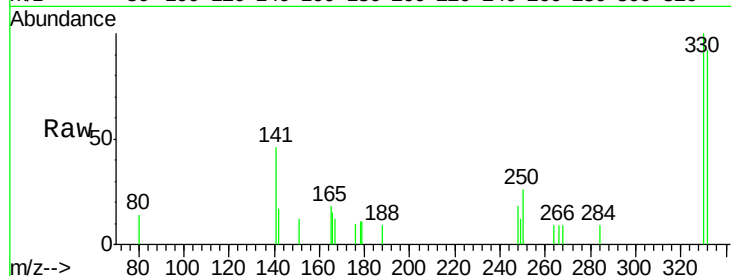




#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095929.D
Acq: 2 Apr 2018 16:06

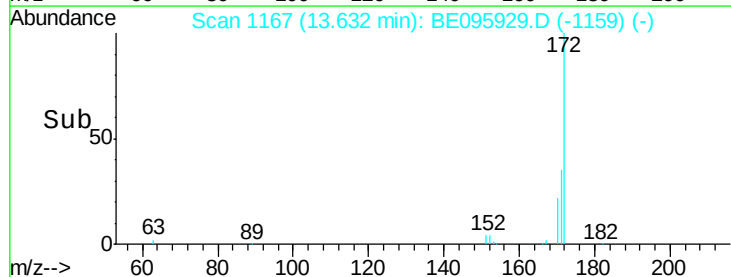
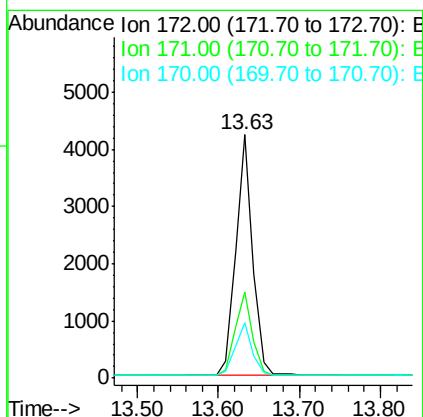
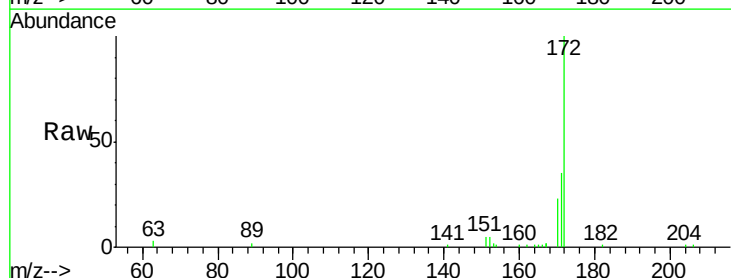
Instrument :
BNA_E
ClientSampleId :

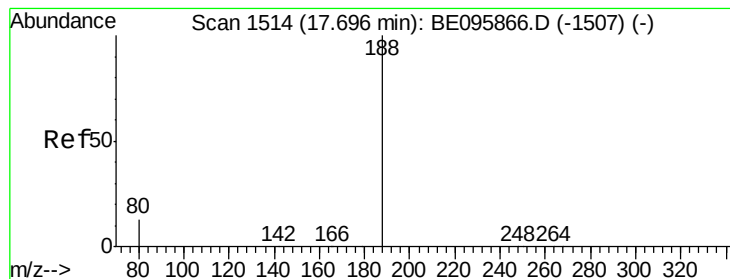
Tot Ion:330 Resp: 692
Ion Ratio Lower Upper
330 100
332 95.4 152.7 229.1#
141 44.9 33.7 50.5



#15
2-Fluorobiphenyl
Concen: 0.558 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095929.D
Acq: 2 Apr 2018 16:06

Tgt Ion:172 Resp: 6068
Ion Ratio Lower Upper
172 100
171 35.4 29.9 44.9
170 22.6 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095929.D

Acq: 2 Apr 2018 16:06

Instrument :

BNA_E

ClientSampleId :

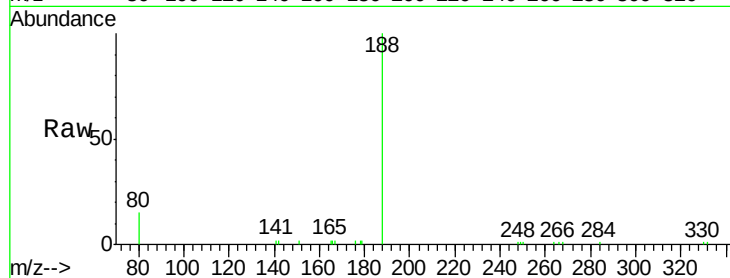
Tot Ion:188 Resp: 5729

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

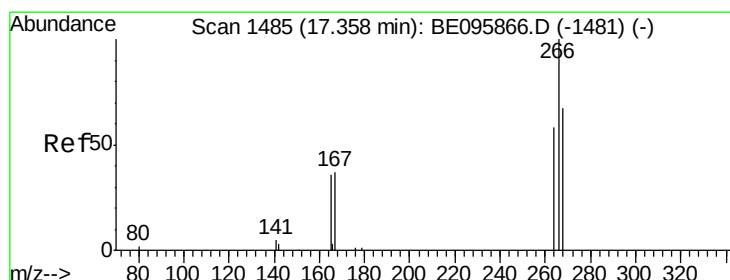
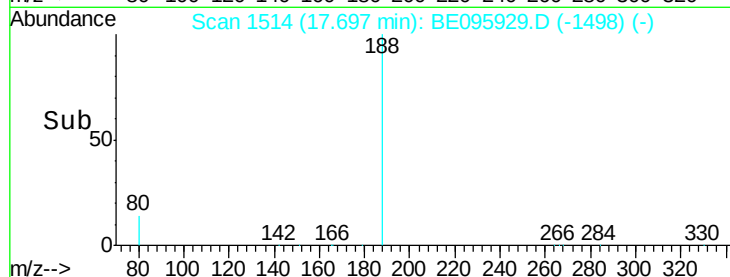
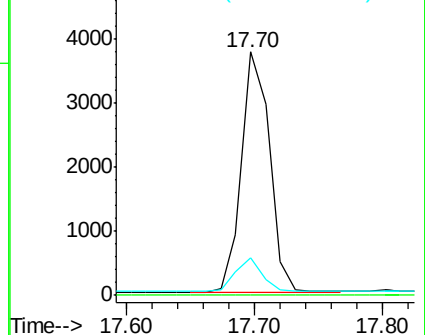
80 15.2 3.6 5.4#



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: 0.173 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095929.D

Acq: 2 Apr 2018 16:06

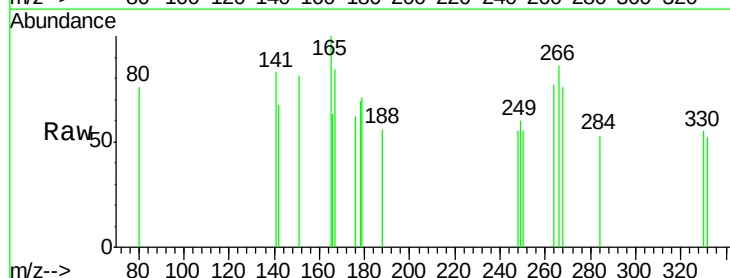
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

264 89.2 72.5 108.7

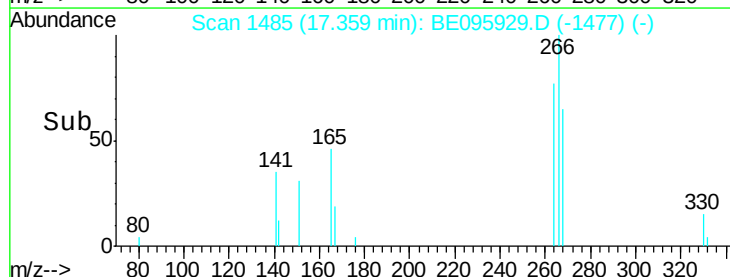
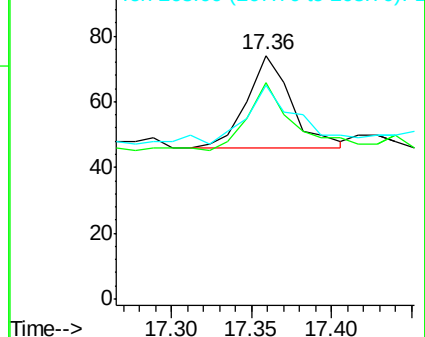
268 87.8 73.8 110.6

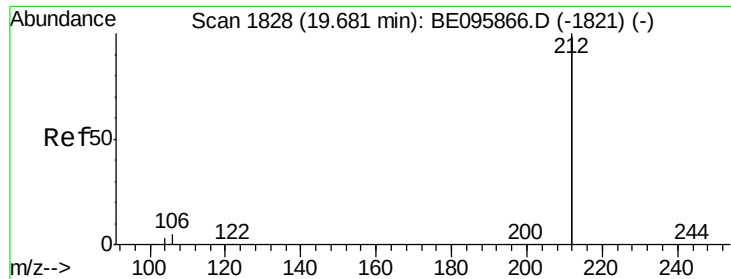


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

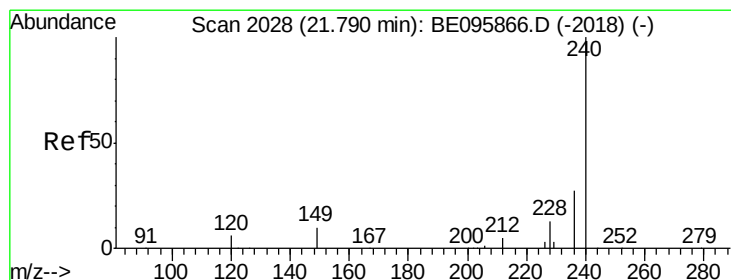
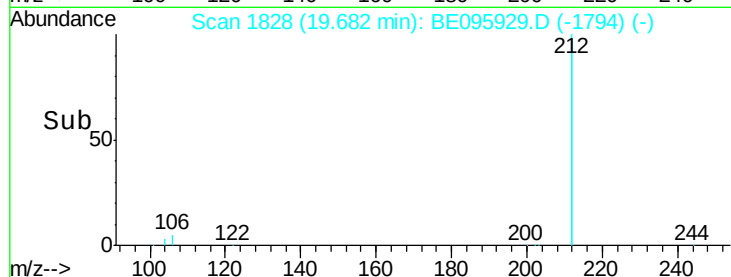
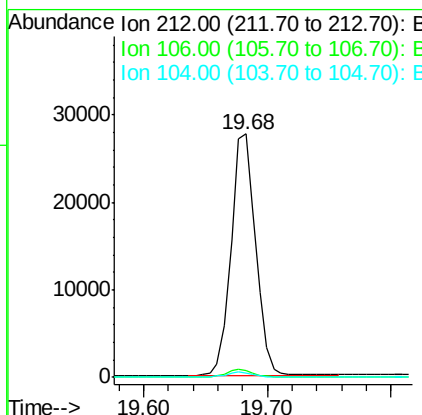
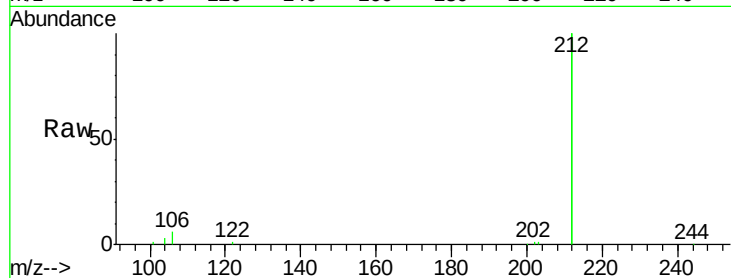




#25
 Fluoranthene-d10
 Concen: 0.447 ng
 RT: 19.68 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BE095929.D
 Acq: 2 Apr 2018 16:06

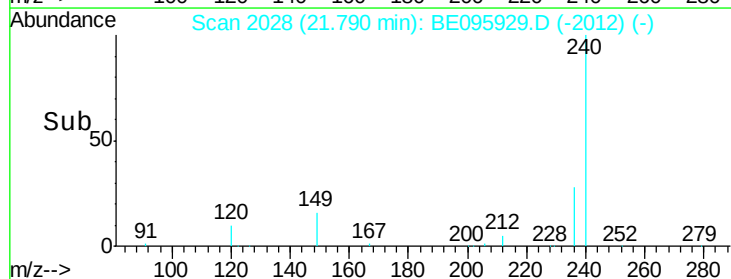
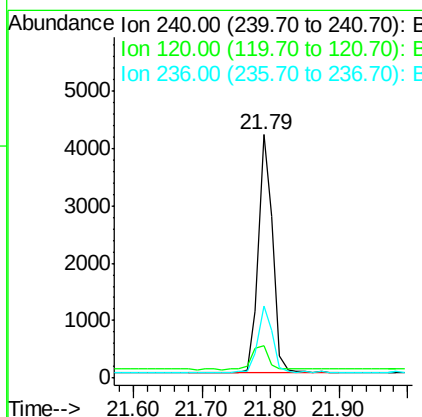
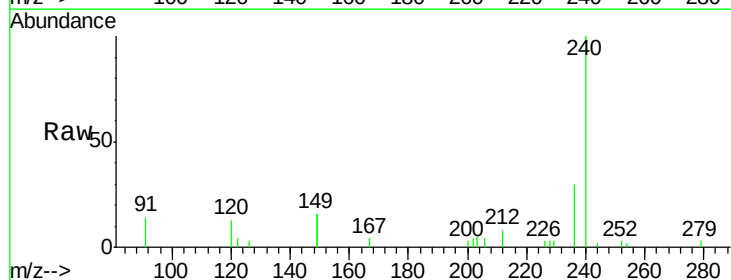
Instrument :
 BNA_E
 ClientSampleId :

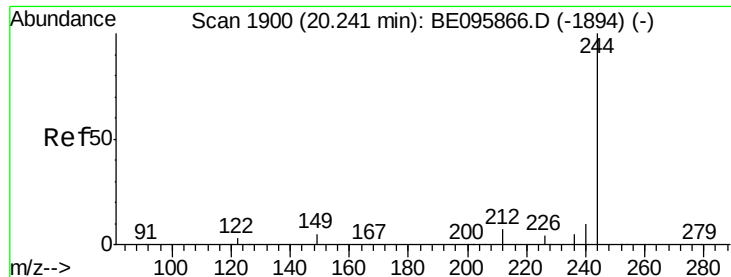
Tot Ion:212 Resp: 37999
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.7 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.79 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BE095929.D
 Acq: 2 Apr 2018 16:06

Tgt Ion:240 Resp: 6171
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.5 8.3#
 236 29.5 20.7 31.1





#29

Terphenyl-d14

Concen: 0.688 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095929.D

Acq: 2 Apr 2018 16:06

Instrument :

BNA_E

ClientSampleId :

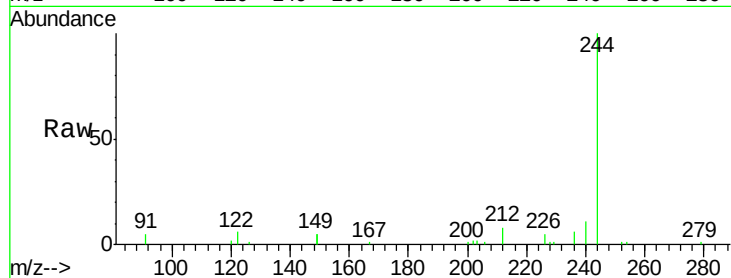
Tot Ion:244 Resp: 9021

Ion Ratio Lower Upper

244 100

212 8.1 25.4 38.0#

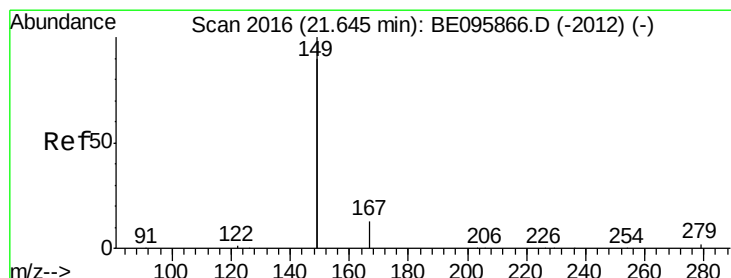
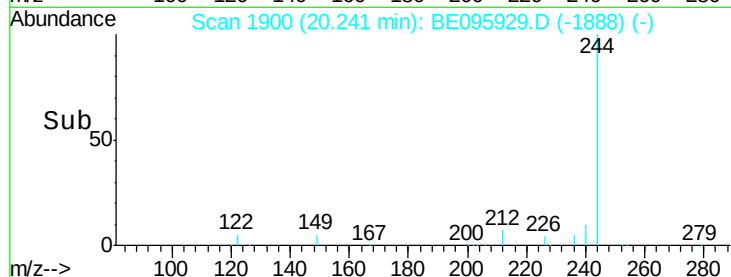
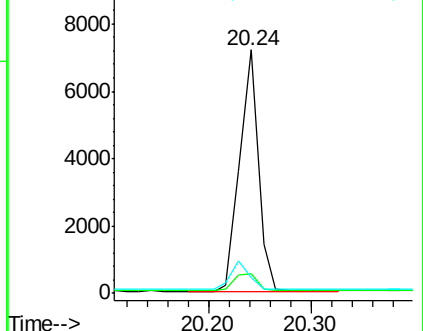
122 6.3 8.1 12.1#



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: 0.054 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095929.D

Acq: 2 Apr 2018 16:06

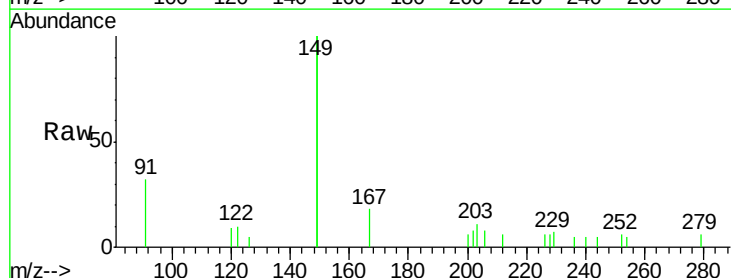
Tgt Ion:149 Resp: 3550

Ion Ratio Lower Upper

149 100

167 8.7 5.4 8.0#

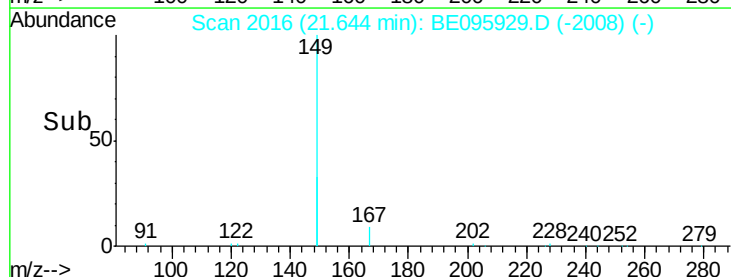
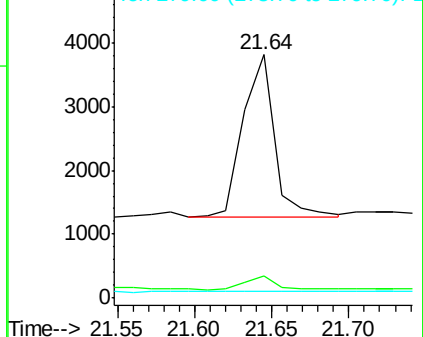
279 1.6 0.7 1.1#

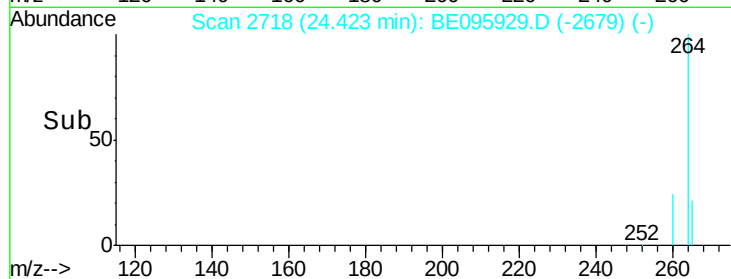
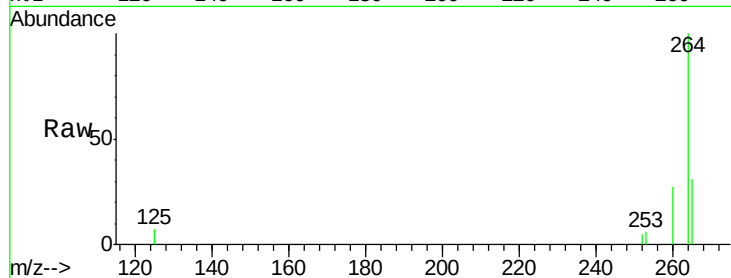
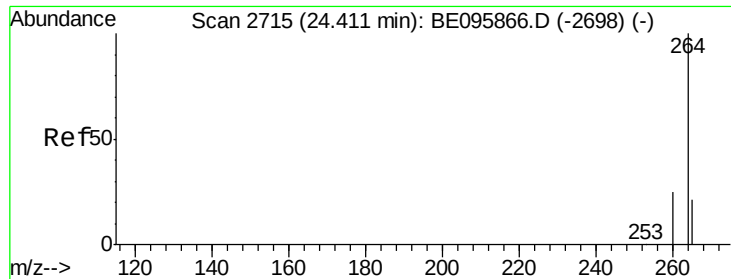


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.42 min Scan# 2718

Delta R.T. -0.01 min

Lab File: BE095929.D

Acq: 2 Apr 2018 16:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 6166

Ion Ratio Lower Upper

264 100

260 26.5 20.5 30.7

265 30.6 22.8 34.2

