

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095736.D
 Acq On : 12 Mar 2018 18:42
 Operator : SJ/JU
 Sample : J1867-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 13 10:47:36 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

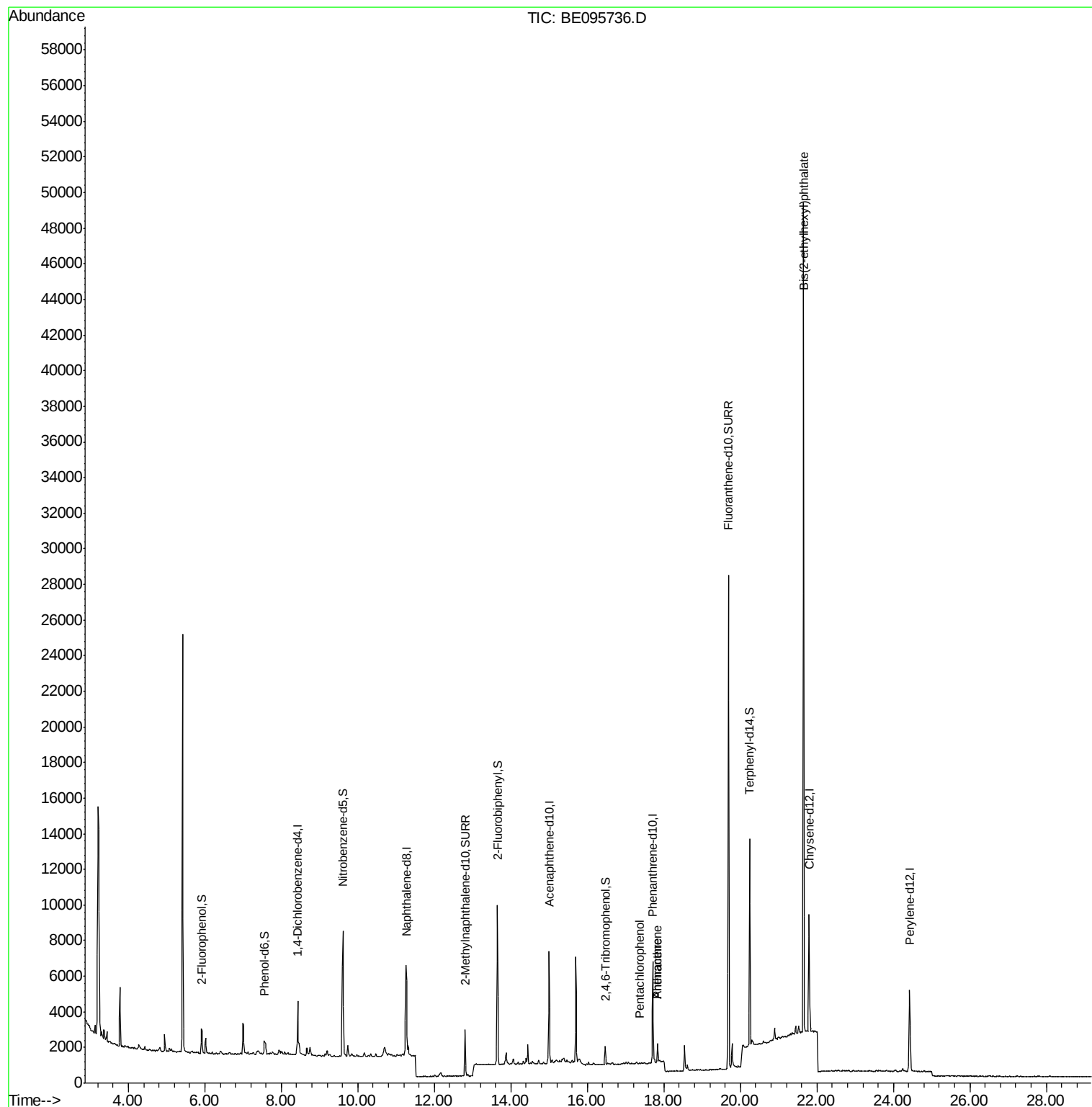
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1428	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	5731	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3321	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7277	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7319	0.40	ng	0.00
34) Perylene-d12	24.42	264	7036	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	721	0.19	ng	0.00
5) Phenol-d6	7.56	99	636	0.12	ng	0.00
8) Nitrobenzene-d5	9.61	82	2656	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3391	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	603	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	7884	0.53	ng	0.00
25) Fluoranthene-d10	19.69	212	35798	0.38	ng	0.00
29) Terphenyl-d14	20.24	244	11441	0.78	ng	-0.01
Target Compounds						
22) Pentachlorophenol	17.36	266	26	0.194	ng	98
23) Phenanthrene	17.84	178	1464	0.064	ng	98
24) Anthracene	17.84	178	1431	0.069	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.66	149	53643	1.270	ng	100

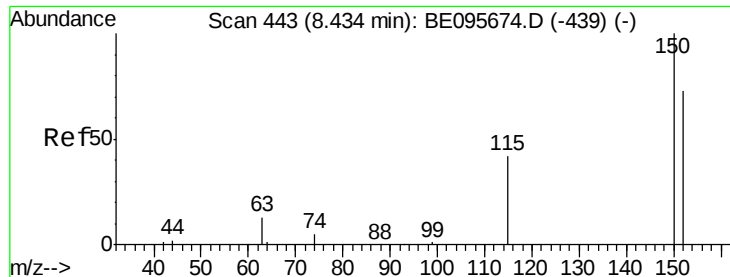
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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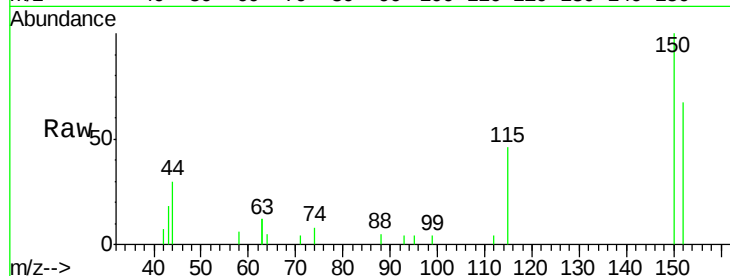


#1

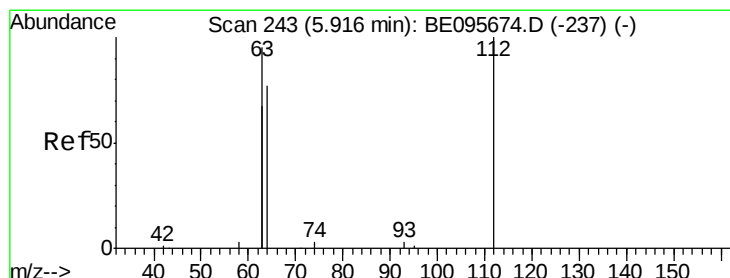
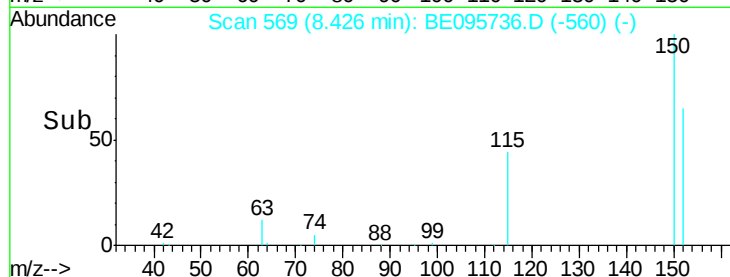
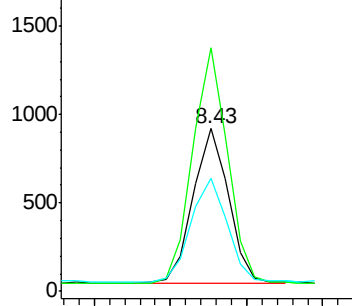
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095736.D
Acq: 12 Mar 2018 18:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1428
Ion Ratio Lower Upper
152 100
150 149.8 117.2 175.8
115 69.3 57.0 85.6



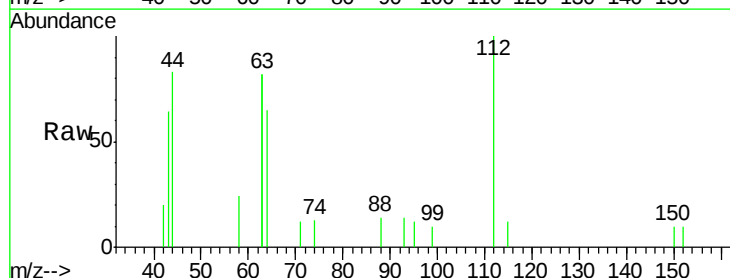
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



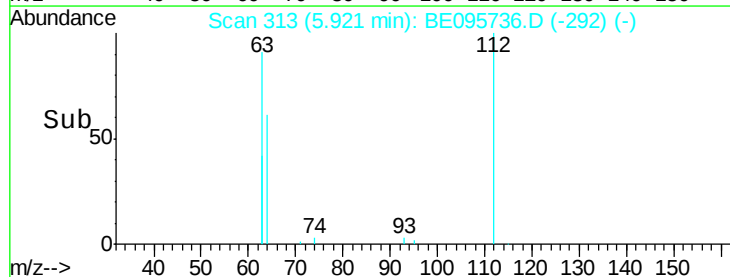
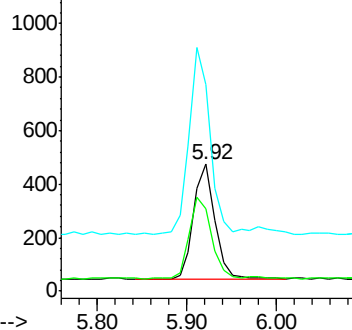
#4

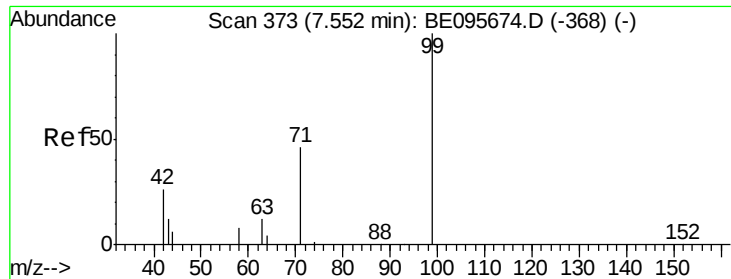
2-Fluorophenol
Concen: 0.191 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095736.D
Acq: 12 Mar 2018 18:42

Tgt Ion:112 Resp: 721
Ion Ratio Lower Upper
112 100
64 75.9 60.1 90.1
63 166.2 116.8 175.2



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: 0.122 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

Instrument :

BNA_E

ClientSampleId :

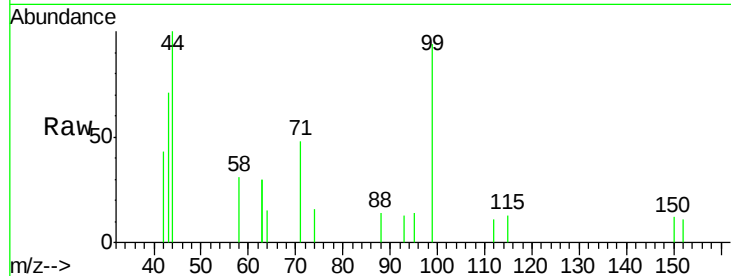
Tot Ion: 99 Resp: 636

Ion Ratio Lower Upper

99 100

42 25.6 20.2 30.2

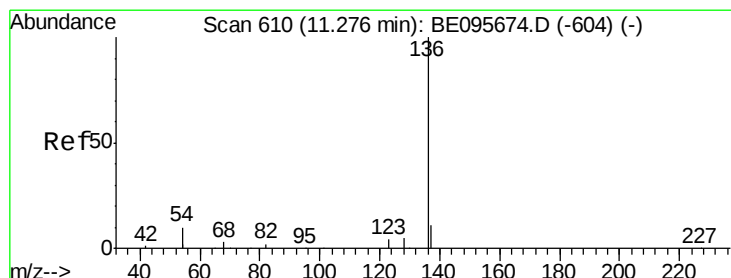
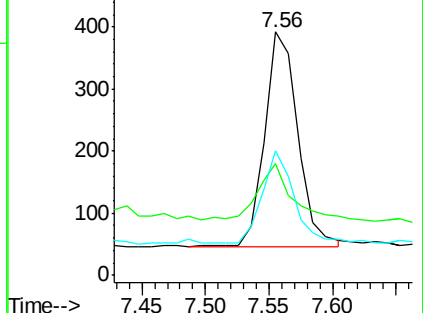
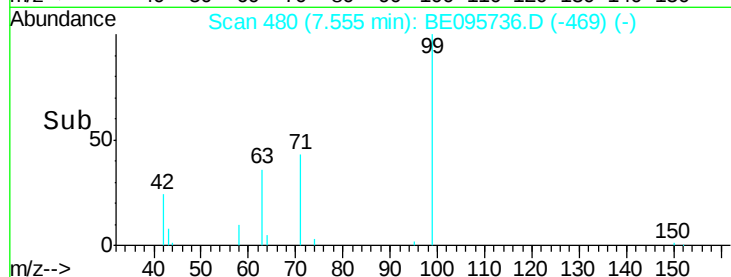
71 40.4 28.4 42.6



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: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

Tgt Ion: 136 Resp: 5731

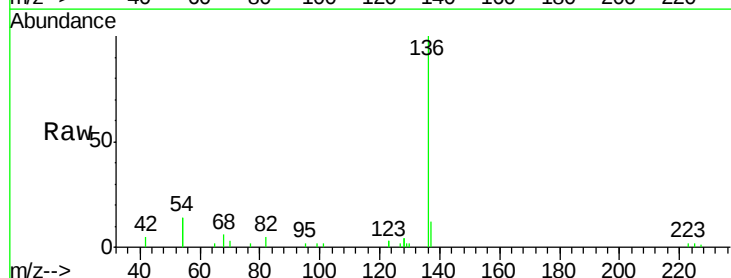
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 28.8 29.1 43.7#

68 5.9 6.2 9.2#

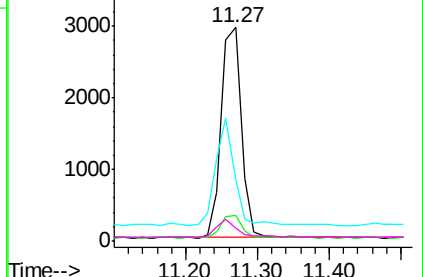
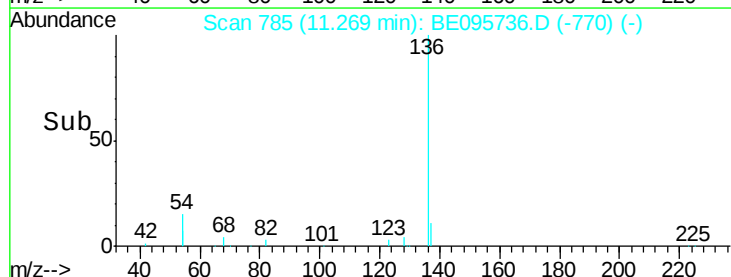


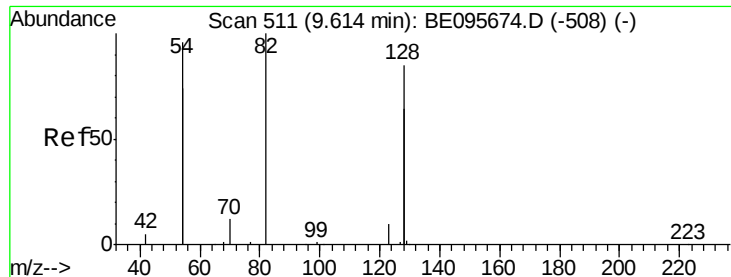
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.450 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

Instrument :

BNA_E

ClientSampleId :

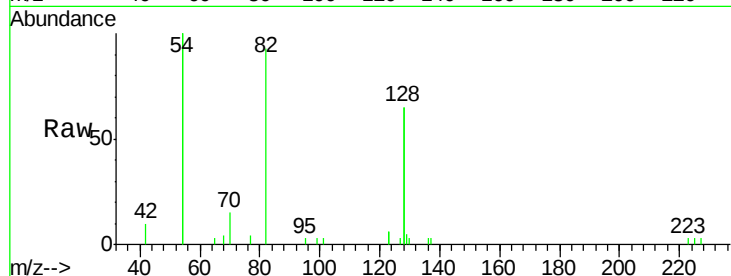
Tot Ion: 82 Resp: 2656

Ion Ratio Lower Upper

82 100

128 141.3 150.0 225.0#

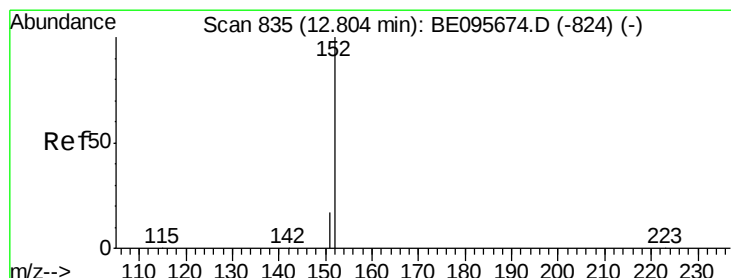
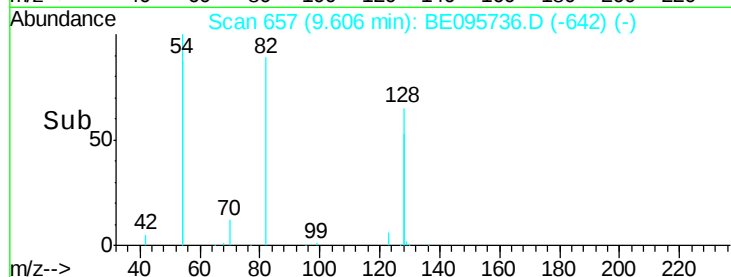
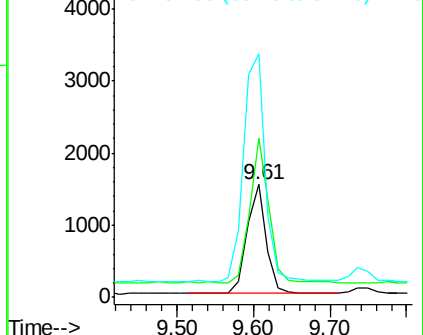
54 215.9 154.2 231.4



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: 0.354 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095736.D

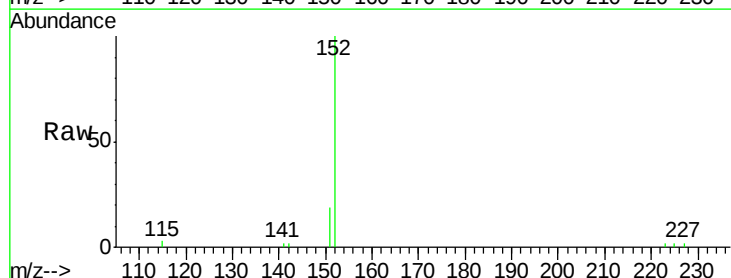
Acq: 12 Mar 2018 18:42

Tgt Ion: 152 Resp: 3391

Ion Ratio Lower Upper

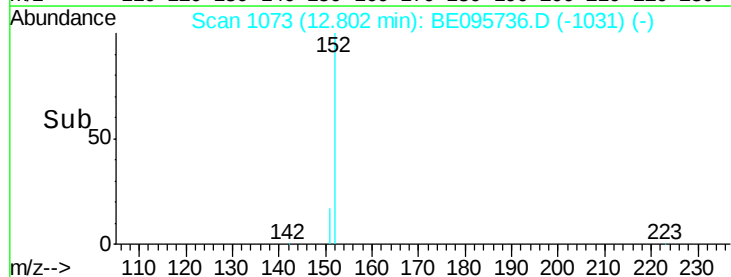
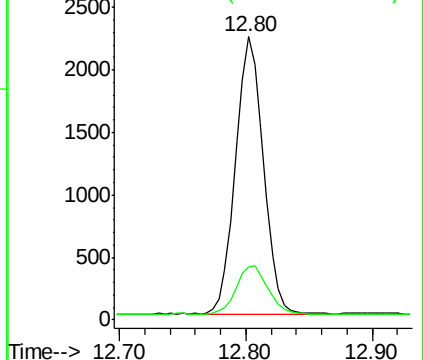
152 100

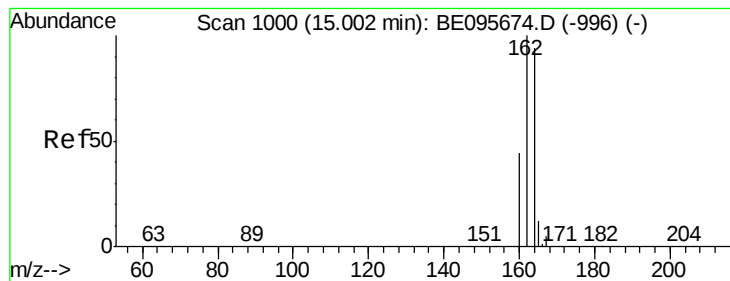
151 19.2 15.4 23.0



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: 15.00 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

Instrument :

BNA_E

ClientSampleId :

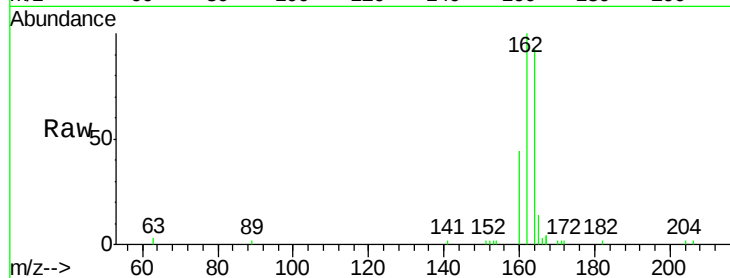
Tot Ion:164 Resp: 3321

Ion Ratio Lower Upper

164 100

162 107.6 83.1 124.7

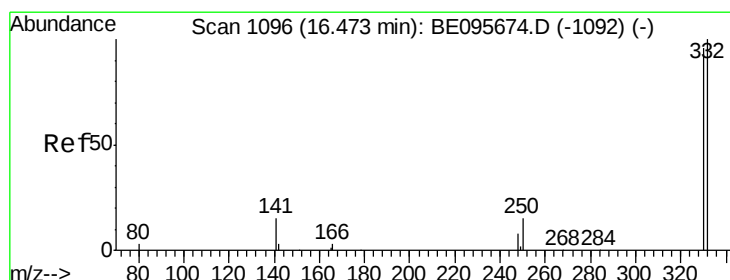
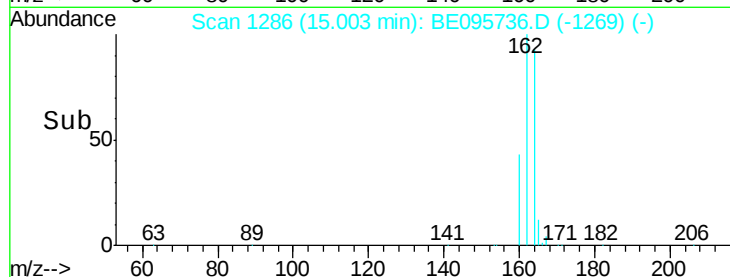
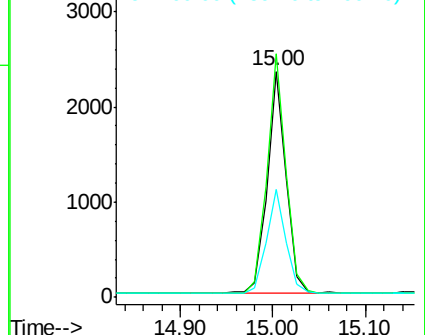
160 47.7 37.1 55.7



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

2,4,6-Tribromophenol

Concen: 0.495 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

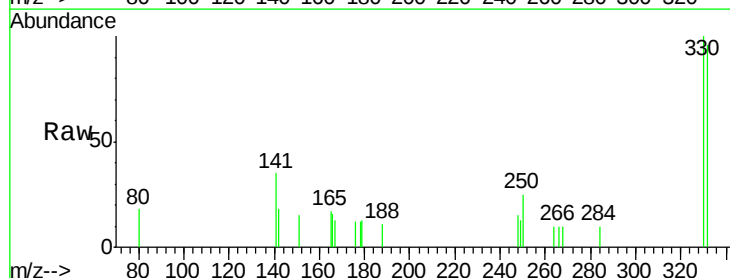
Tgt Ion:330 Resp: 603

Ion Ratio Lower Upper

330 100

332 95.0 152.7 229.1#

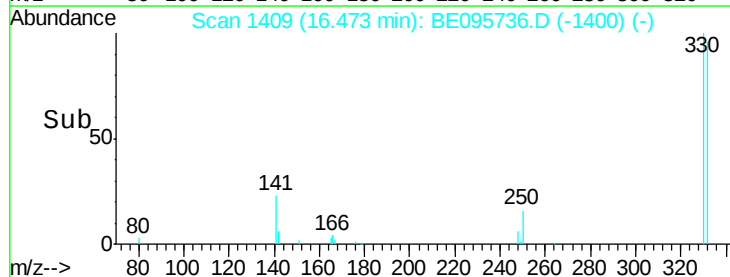
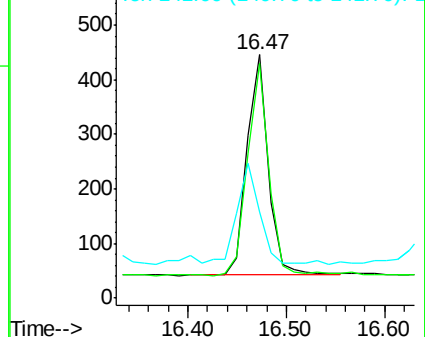
141 46.6 33.7 50.5

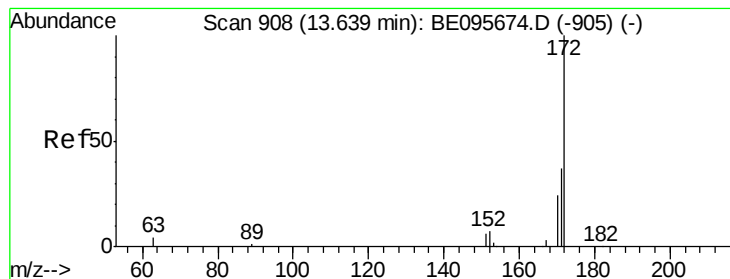


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.531 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

Instrument :

BNA_E

ClientSampleId :

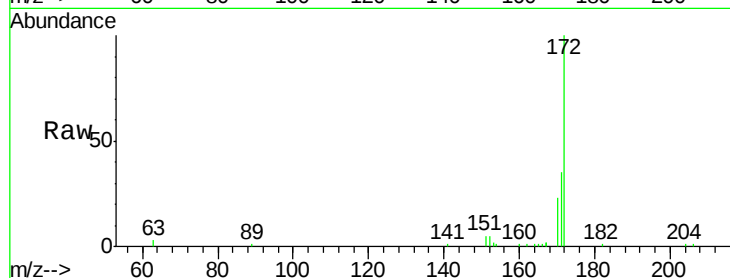
Tot Ion:172 Resp: 7884

Ion Ratio Lower Upper

172 100

171 34.9 29.9 44.9

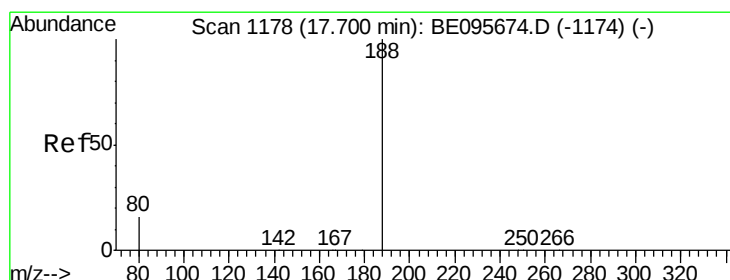
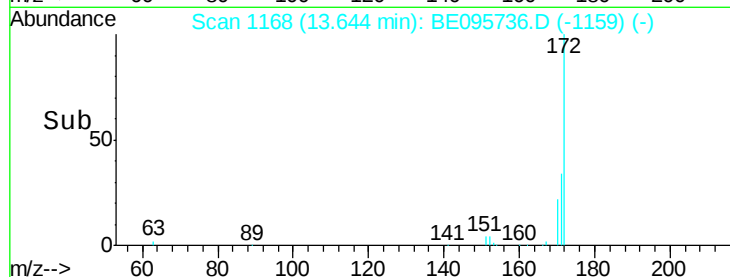
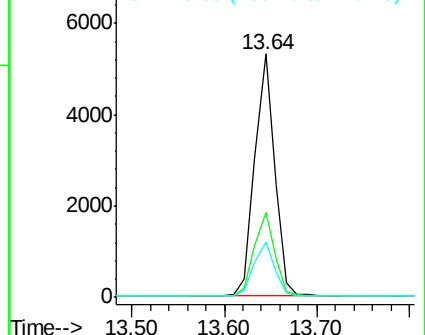
170 22.7 21.8 32.8



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: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

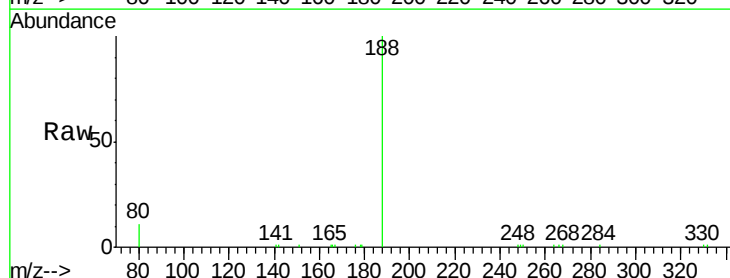
Tgt Ion:188 Resp: 7277

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

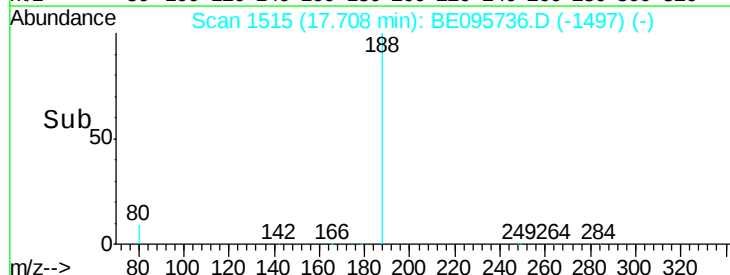
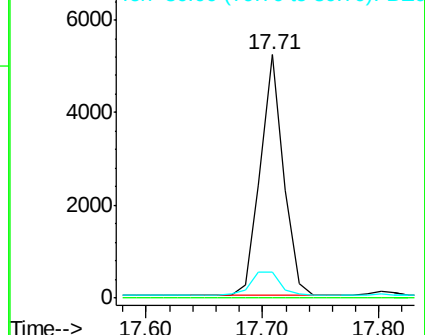
80 10.6 3.6 5.4#

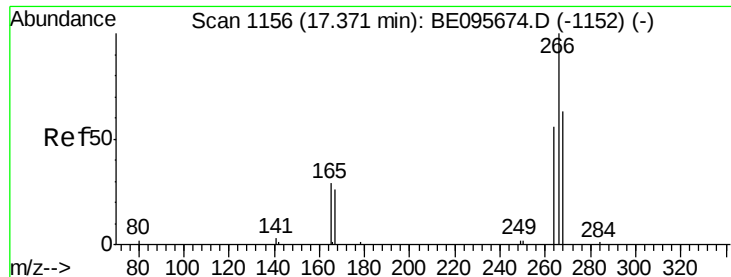


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.194 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

Instrument :

BNA_E

ClientSampleId :

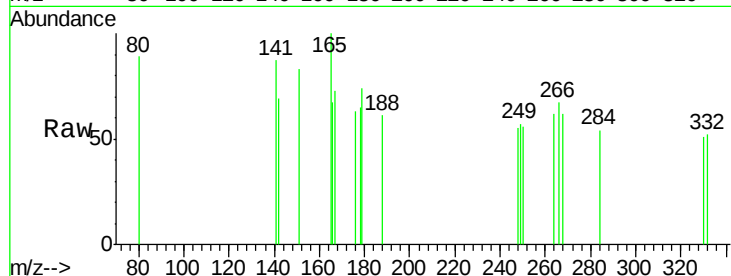
Tot Ion:266 Resp: 26

Ion Ratio Lower Upper

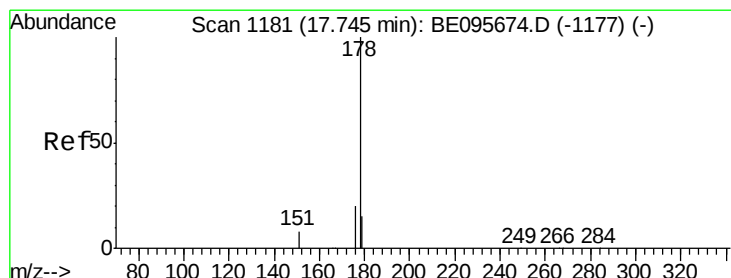
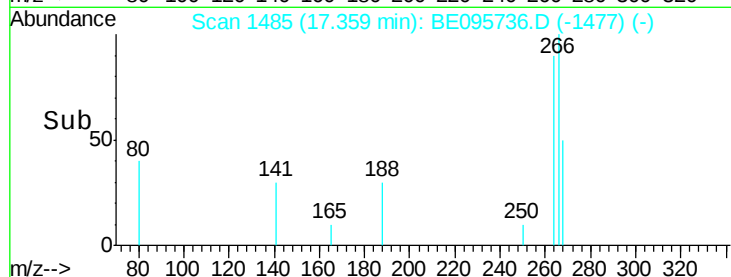
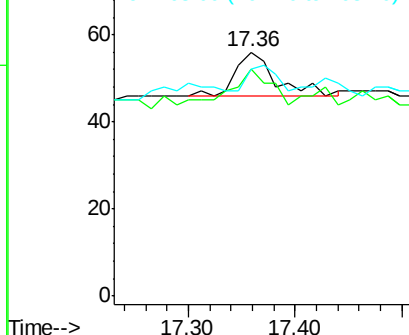
266 100

264 92.9 72.5 108.7

268 92.9 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



#23

Phenanthrene

Concen: 0.064 ng

RT: 17.84 min Scan# 1526

Delta R.T. 0.09 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

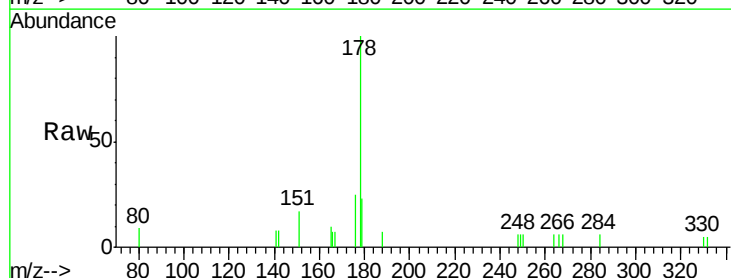
Tgt Ion:178 Resp: 1464

Ion Ratio Lower Upper

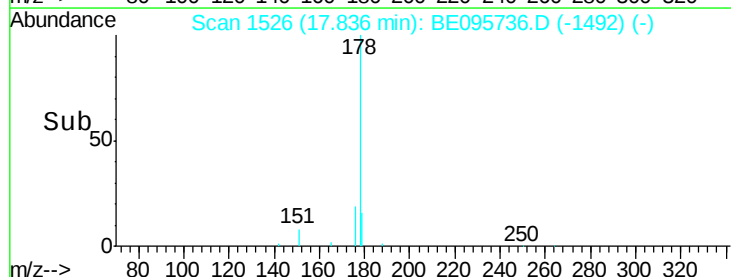
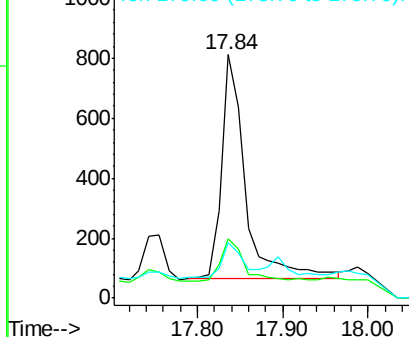
178 100

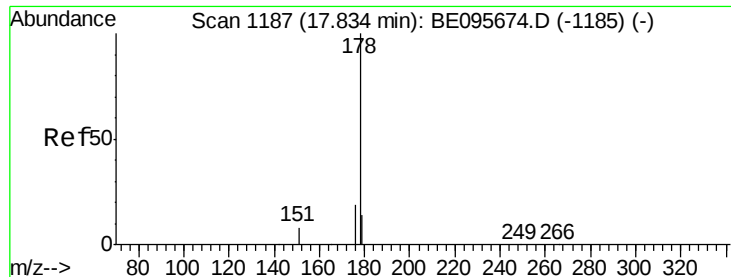
176 19.5 15.1 22.7

179 13.3 11.8 17.6



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





#24

Anthracene

Concen: 0.069 ng

RT: 17.84 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

Instrument :

BNA_E

ClientSampled :

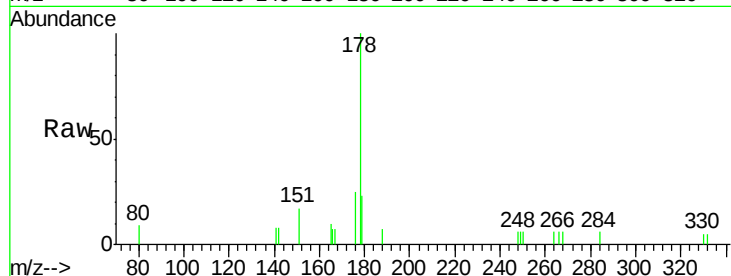
Tot Ion:178 Resp: 1431

Ion Ratio Lower Upper

178 100

176 19.7 12.8 19.2#

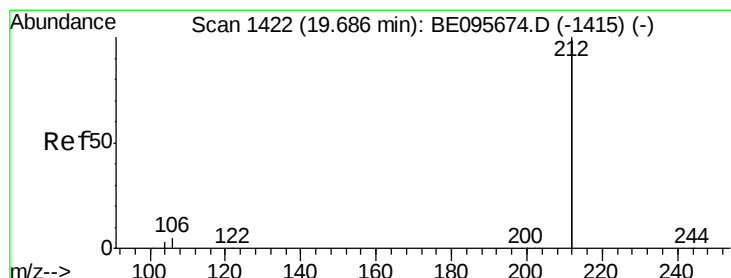
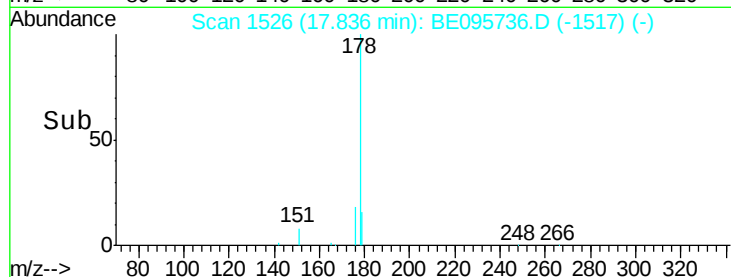
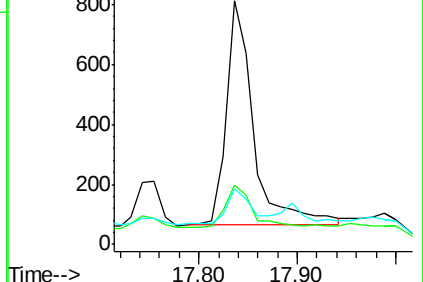
179 13.6 13.0 19.6



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



#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

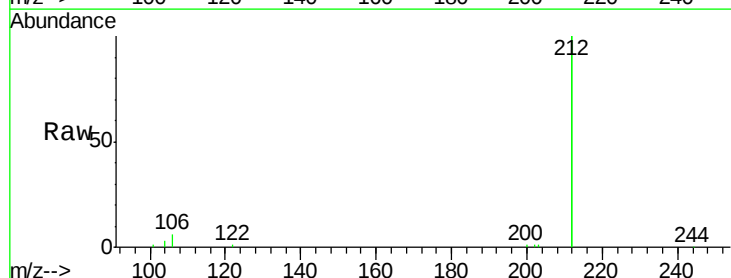
Tgt Ion:212 Resp: 35798

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

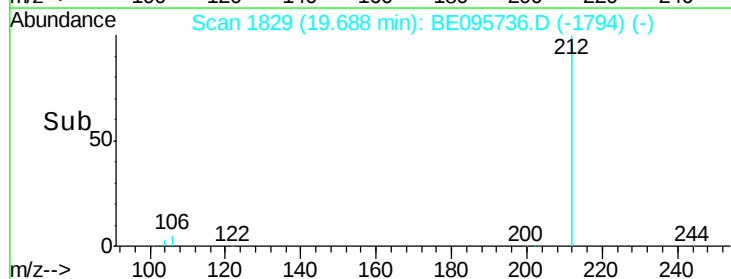
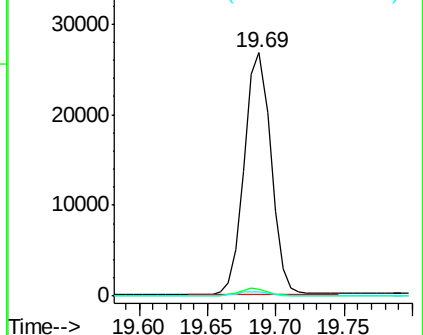
104 1.7 1.6 2.4

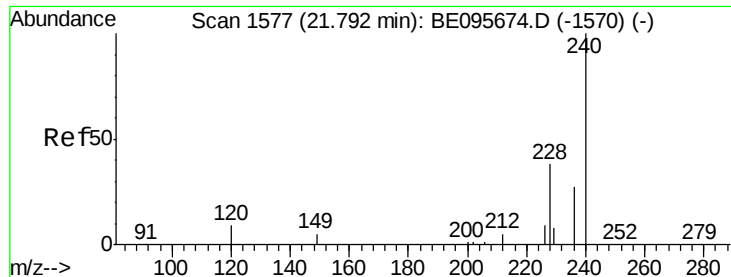


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

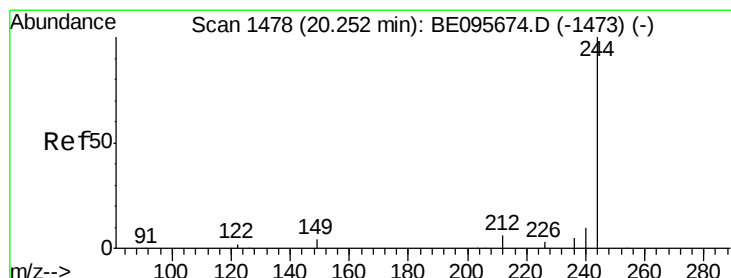
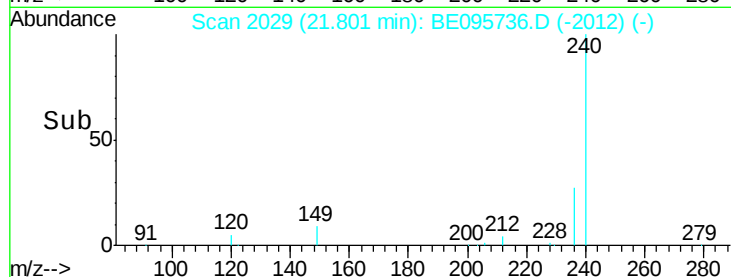
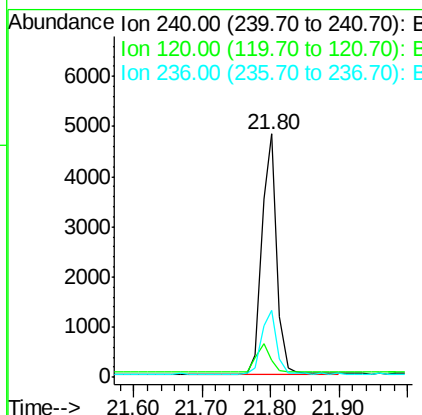
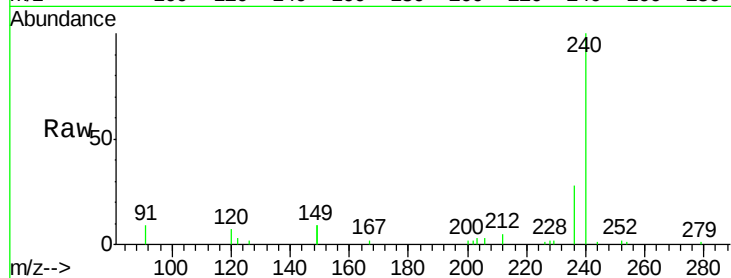




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.80 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BE095736.D
 Acq: 12 Mar 2018 18:42

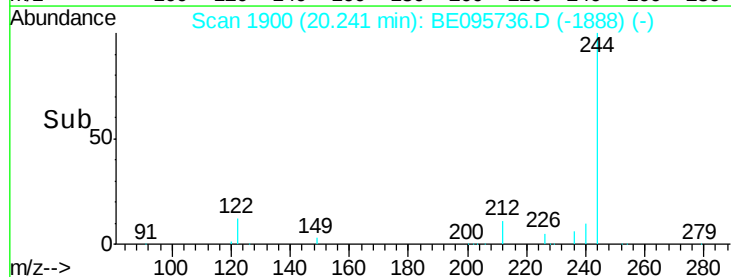
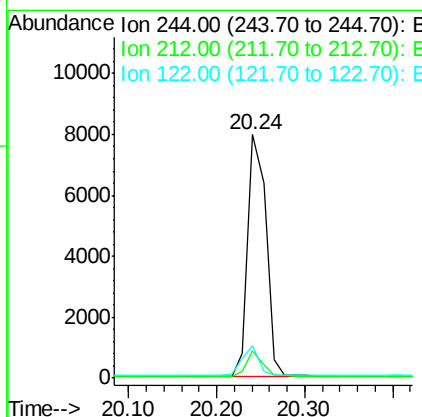
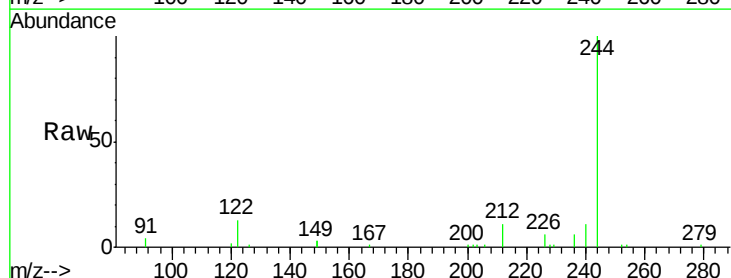
Instrument :
 BNA_E
 ClientSampleId :

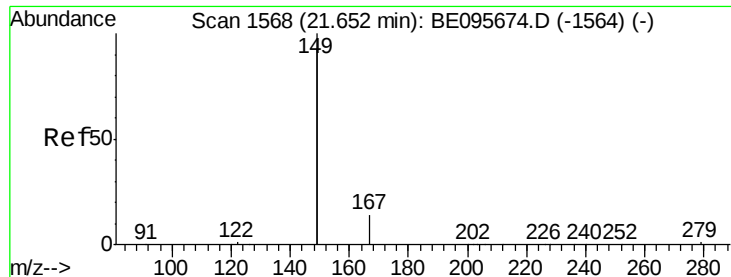
Tot Ion:240 Resp: 7319
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.5 8.3
 236 27.7 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.784 ng
 RT: 20.24 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BE095736.D
 Acq: 12 Mar 2018 18:42

Tgt Ion:244 Resp: 11441
 Ion Ratio Lower Upper
 244 100
 212 11.2 25.4 38.0#
 122 13.3 8.1 12.1#





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.270 ng

RT: 21.66 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

Instrument :

BNA_E

ClientSampleId :

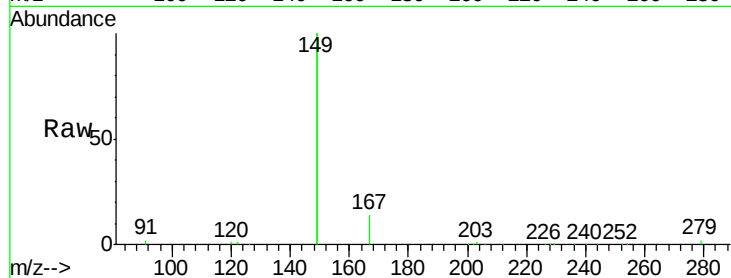
Tot Ion:149 Resp: 53643

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

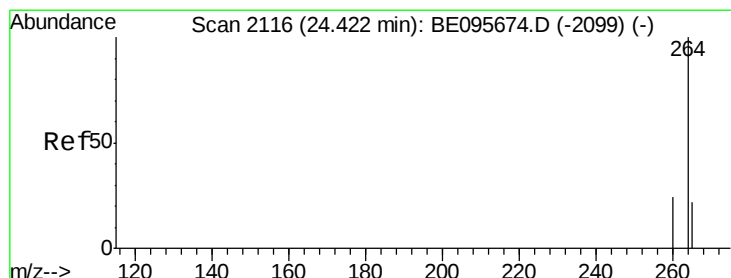
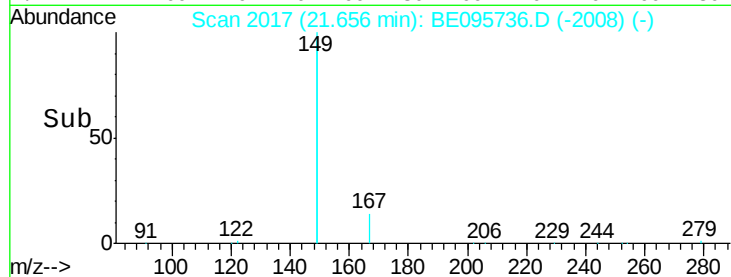
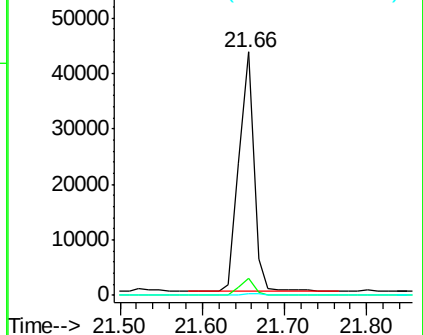
279 0.8 0.7 1.1



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: 24.42 min Scan# 2718

Delta R.T. 0.00 min

Lab File: BE095736.D

Acq: 12 Mar 2018 18:42

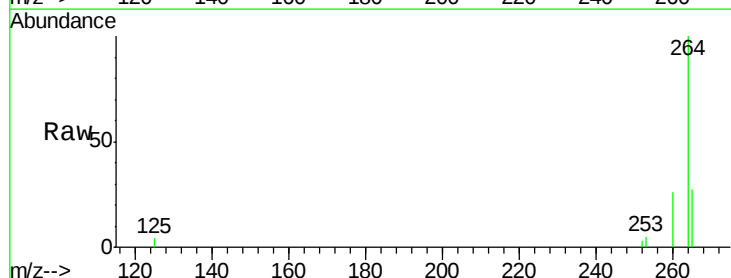
Tgt Ion:264 Resp: 7036

Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

265 26.5 22.8 34.2



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

