

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095931.D
 Acq On : 2 Apr 2018 17:18
 Operator : SJ/JU
 Sample : J2116-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 03 03:51:29 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

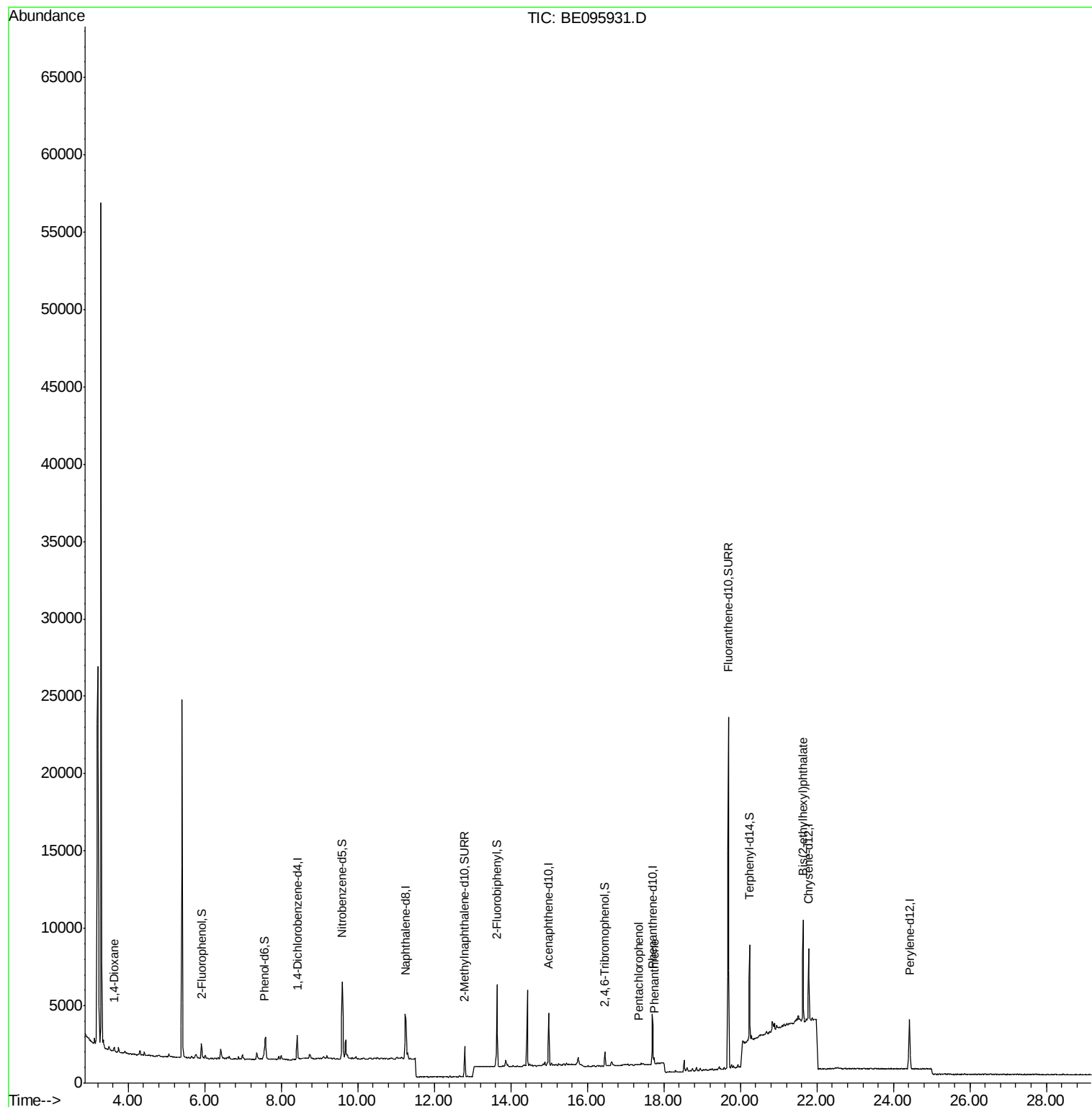
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	787	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	3333	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	1942	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	4452	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	4731	0.40	ng	-0.01
34) Perylene-d12	24.42	264	4740	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	478	0.18	ng	0.00
5) Phenol-d6	7.56	99	413	0.12	ng	0.00
8) Nitrobenzene-d5	9.59	82	1855	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2636	0.47	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	485	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	4497	0.55	ng	-0.01
25) Fluoranthene-d10	19.68	212	29861	0.45	ng	0.00
29) Terphenyl-d14	20.24	244	5909	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.63	88	203	0.158	ng	Qvalue # 61
22) Pentachlorophenol	17.35	266	24	0.155	ng	97
23) Phenanthrene	17.74	178	348	0.026	ng	98
32) Bis(2-ethylhexyl)phthalate	21.64	149	8128	0.162	ng	Qvalue # 99

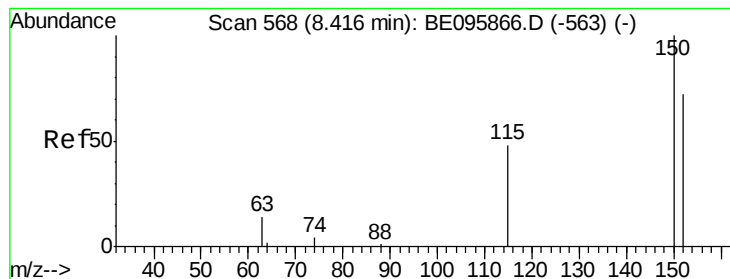
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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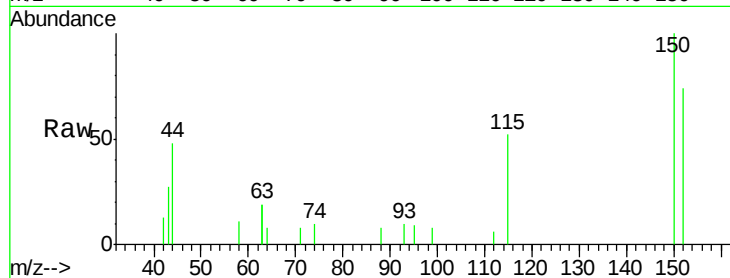


#1

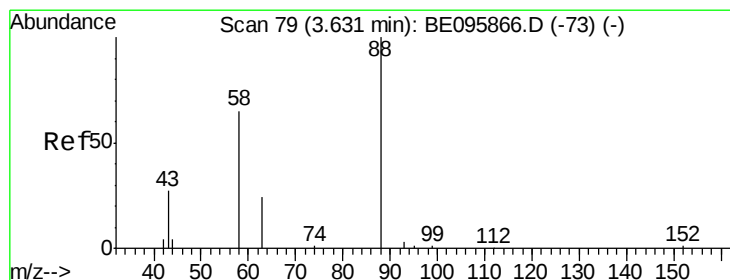
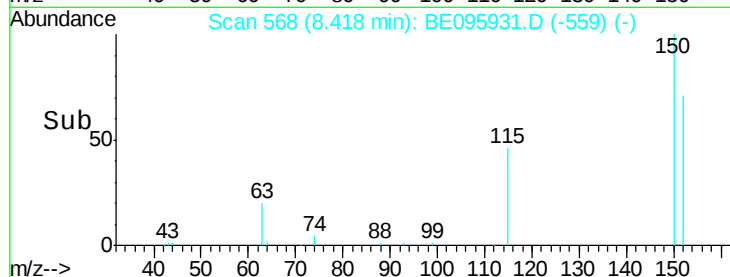
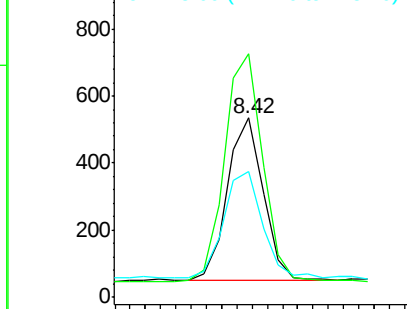
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 787
Ion Ratio Lower Upper
152 100
150 136.0 117.2 175.8
115 70.2 57.0 85.6



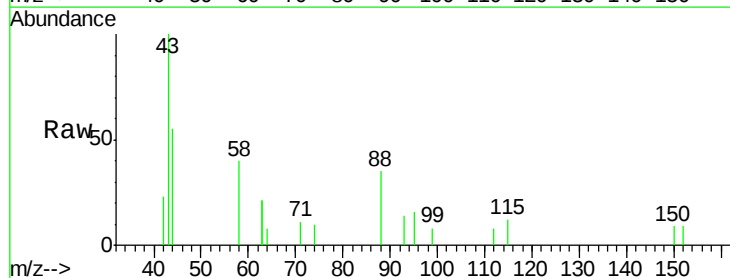
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



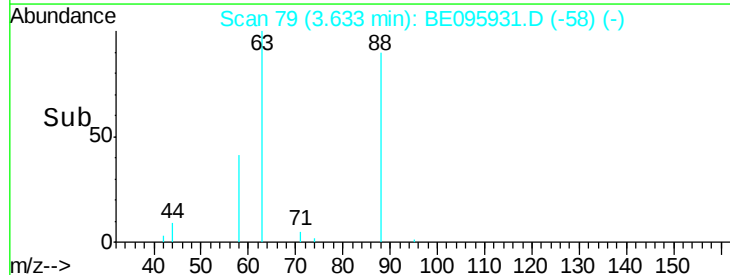
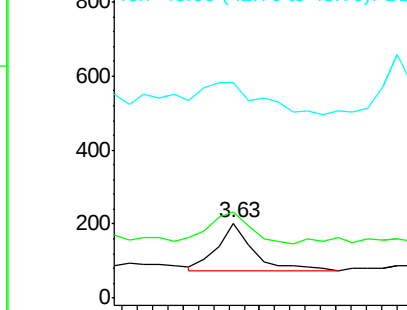
#2

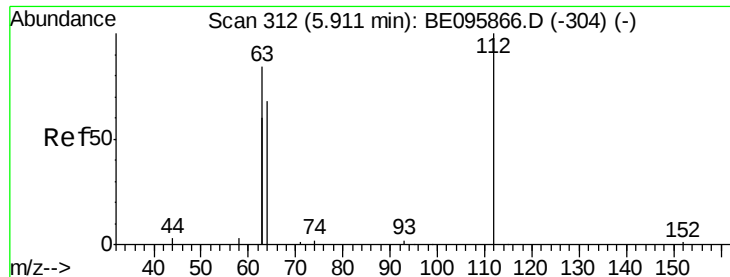
1,4-Dioxane
Concen: 0.158 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

Tgt Ion: 88 Resp: 203
Ion Ratio Lower Upper
88 100
58 83.3 63.2 94.8
43 115.3 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: 0.184 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

Instrument :

BNA_E

ClientSampleId :

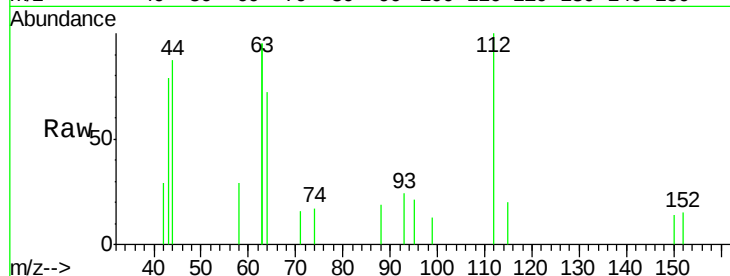
Tot Ion: 112 Resp: 478

Ion Ratio Lower Upper

112 100

64 73.2 60.1 90.1

63 161.9 116.8 175.2



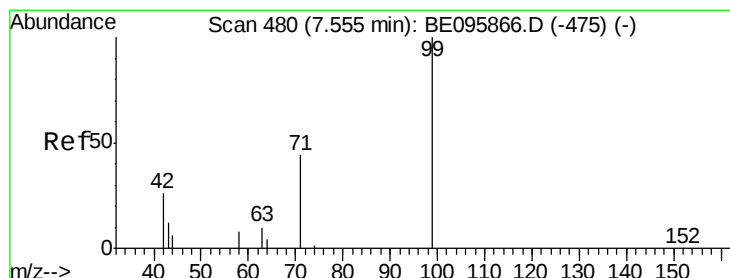
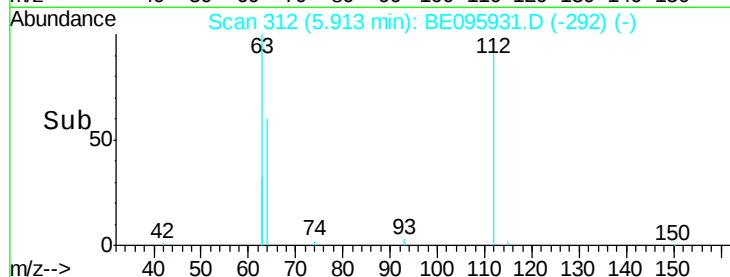
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.85 5.90 5.95 6.00



#5

Phenol-d6

Concen: 0.116 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

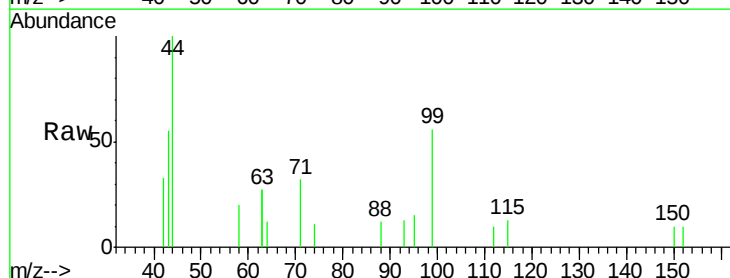
Tgt Ion: 99 Resp: 413

Ion Ratio Lower Upper

99 100

42 47.7 20.2 30.2#

71 45.5 28.4 42.6#



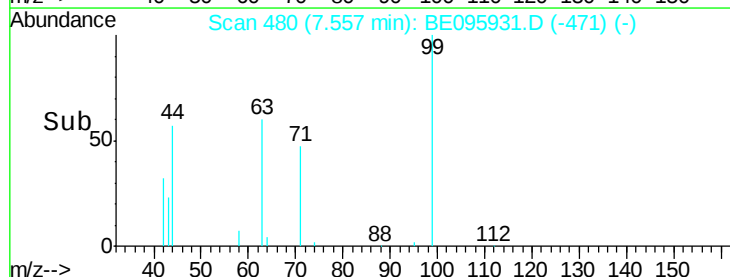
Abundance Ion 99.00 (98.70 to 99.70): BE0

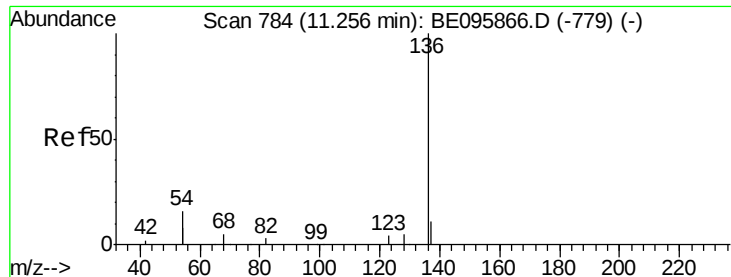
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->

7.45 7.50 7.55 7.60 7.65





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3333

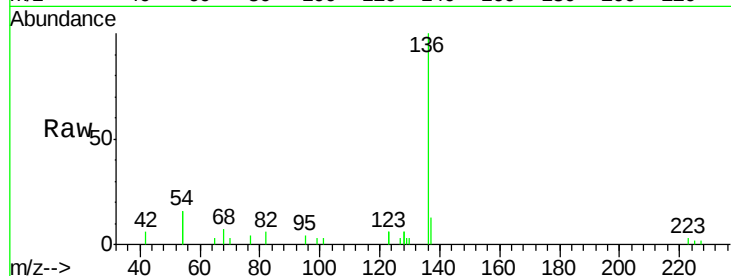
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 33.0 29.1 43.7

68 7.1 6.2 9.2

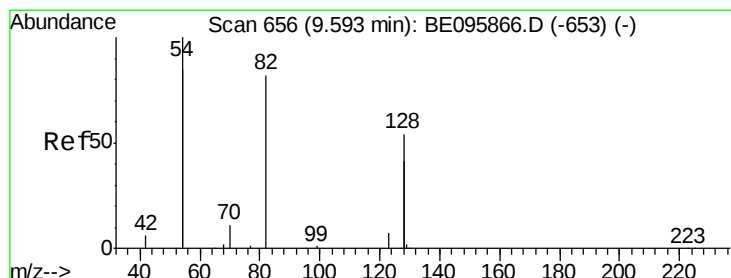
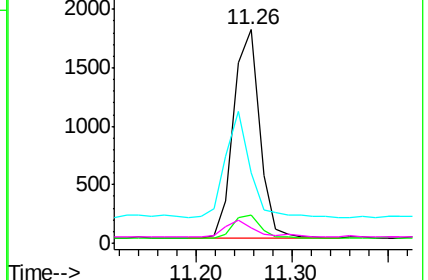
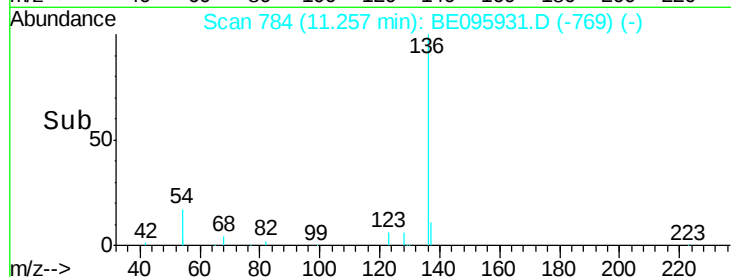


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.471 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

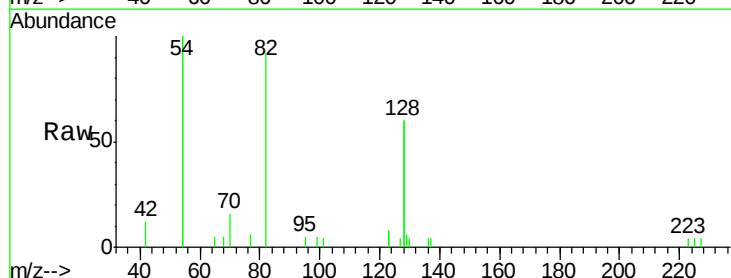
Tgt Ion: 82 Resp: 1855

Ion Ratio Lower Upper

82 100

128 131.6 150.0 225.0#

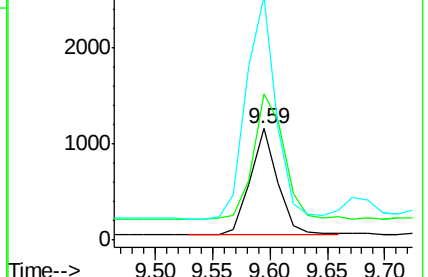
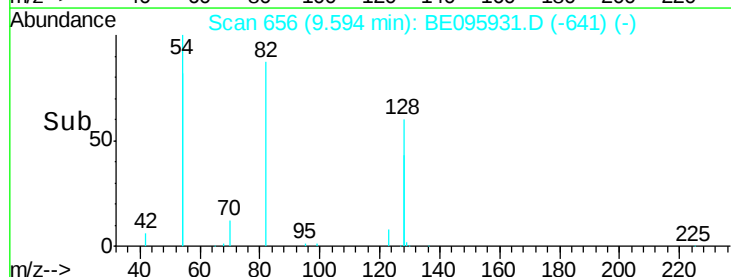
54 218.4 154.2 231.4

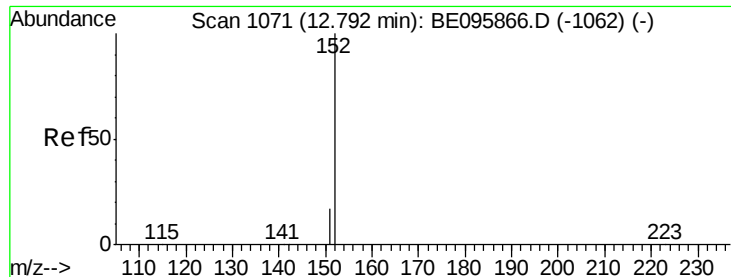


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

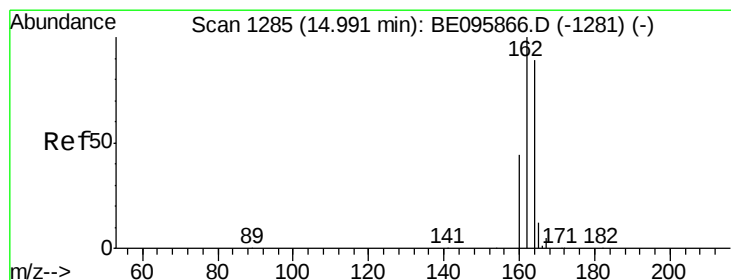
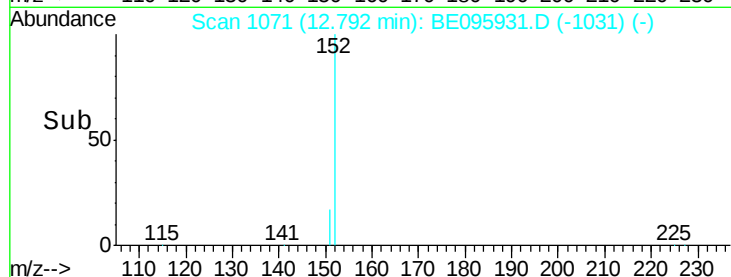
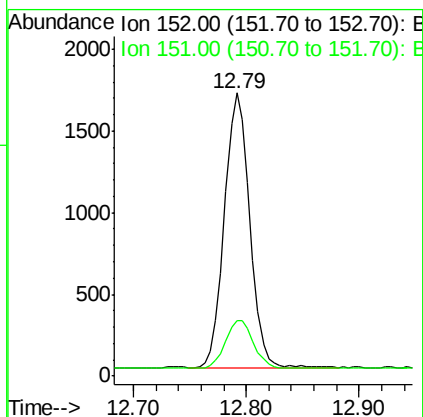
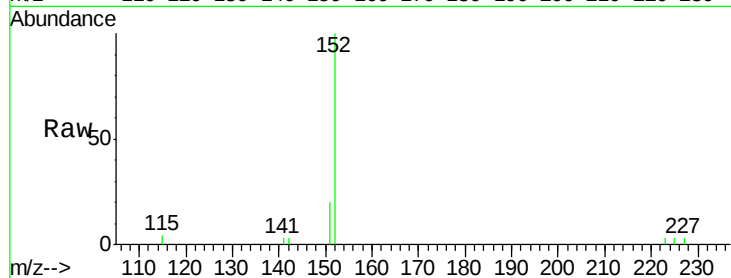




#11
 2-Methylnaphthalene-d10
 Concen: 0.474 ng
 RT: 12.79 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BE095931.D
 Acq: 2 Apr 2018 17:18

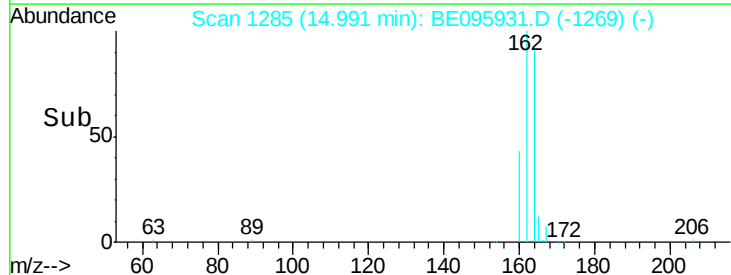
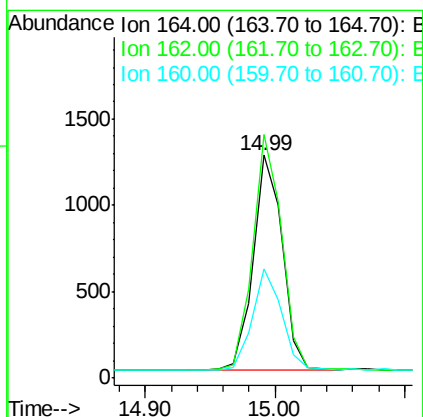
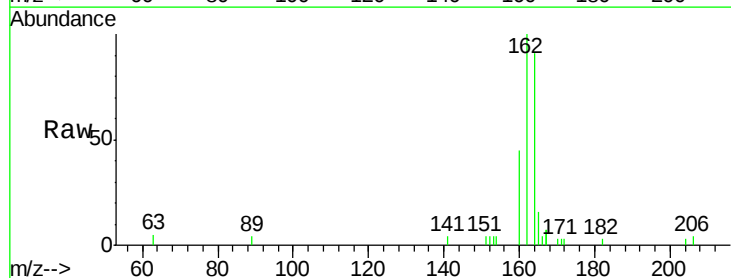
Instrument :
 BNA_E
 ClientSampleId :

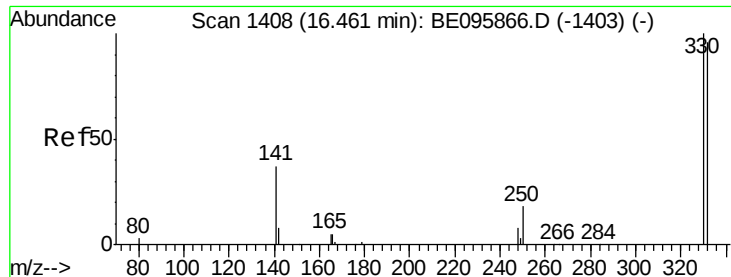
Tot Ion:152 Resp: 2636
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.99 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BE095931.D
 Acq: 2 Apr 2018 17:18

Tgt Ion:164 Resp: 1942
 Ion Ratio Lower Upper
 164 100
 162 109.3 83.1 124.7
 160 49.1 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.433 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

Instrument :

BNA_E

ClientSampleId :

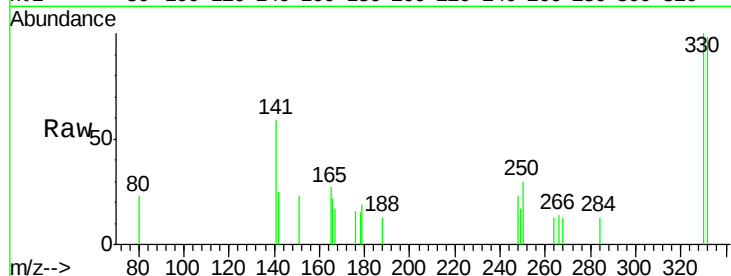
Tot Ion:330 Resp: 485

Ion Ratio Lower Upper

330 100

332 101.4 152.7 229.1#

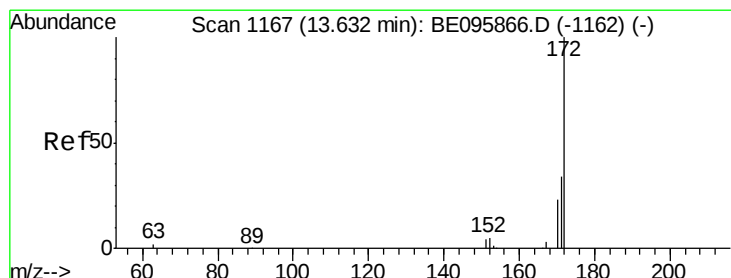
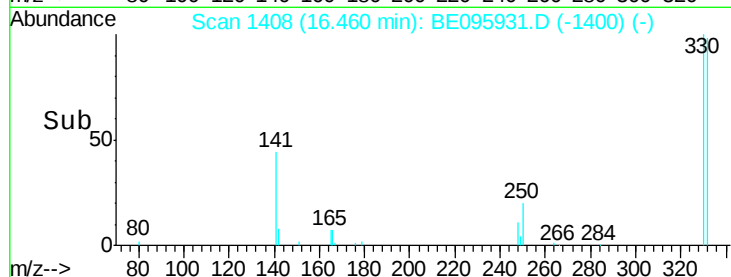
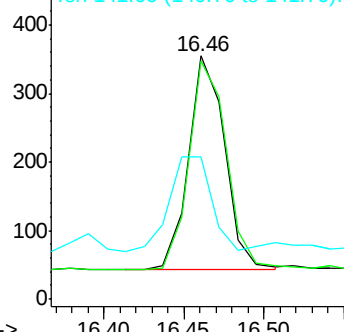
141 52.4 33.7 50.5#



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: 0.549 ng

RT: 13.63 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

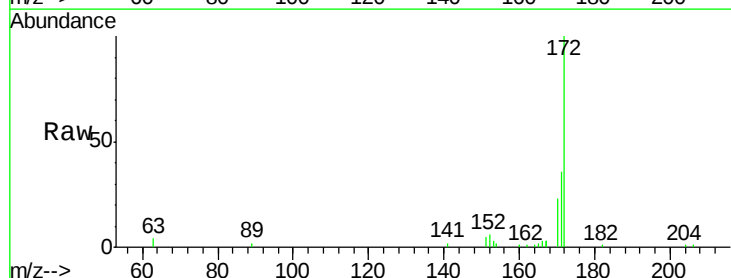
Tgt Ion:172 Resp: 4497

Ion Ratio Lower Upper

172 100

171 35.8 29.9 44.9

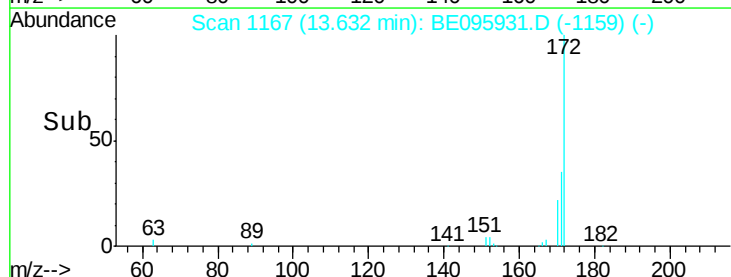
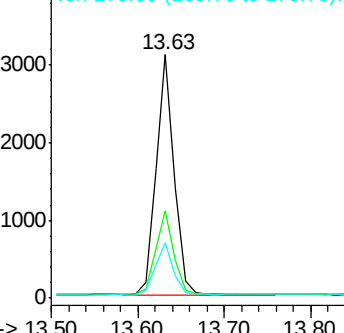
170 22.8 21.8 32.8

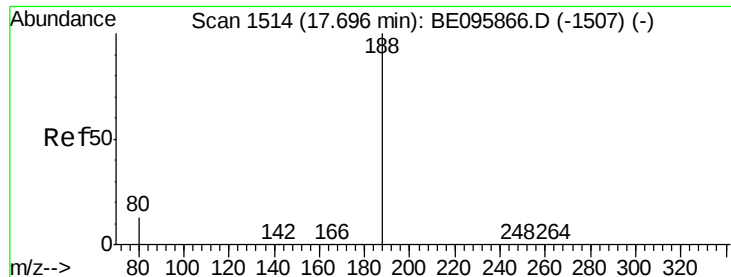


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

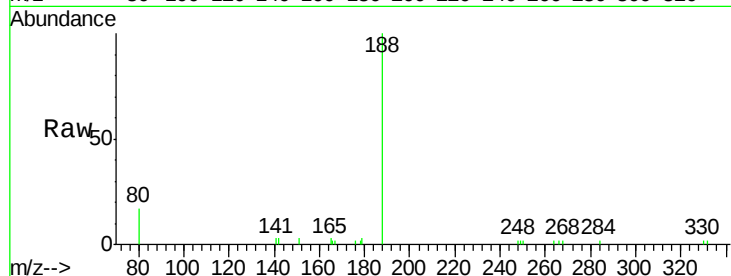




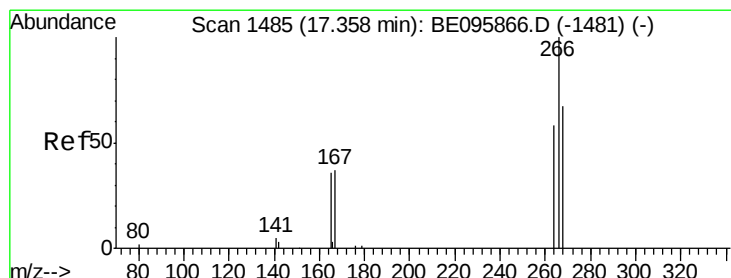
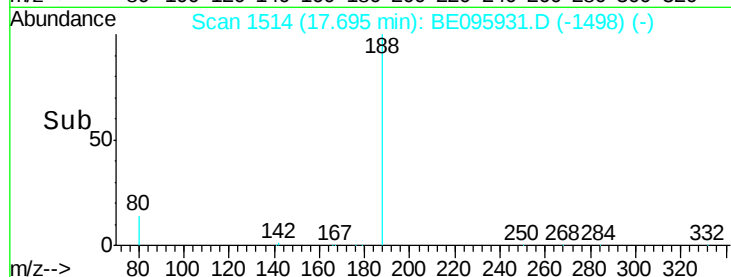
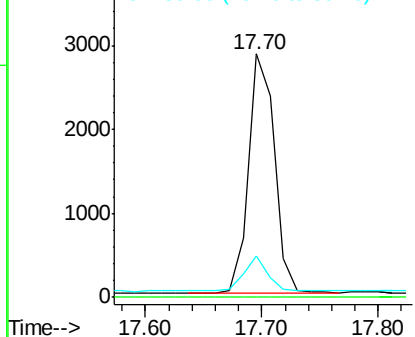
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 4452
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 16.8 3.6 5.4#

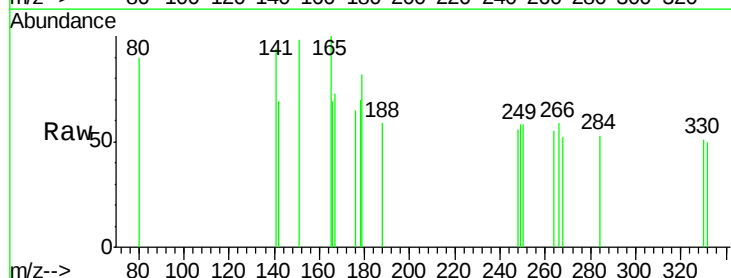


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

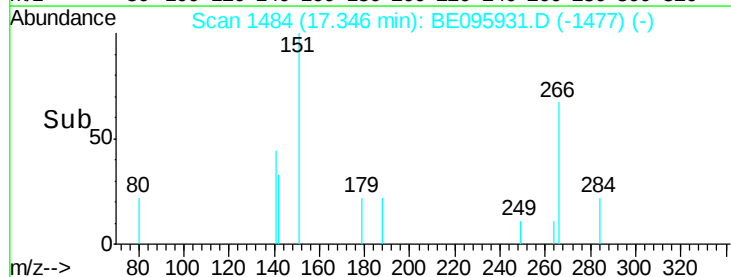
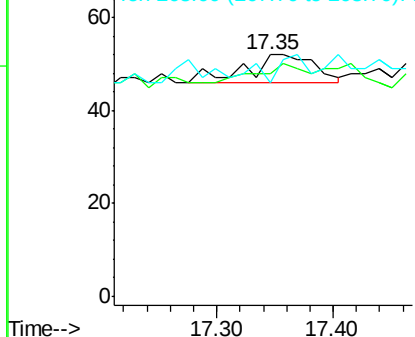


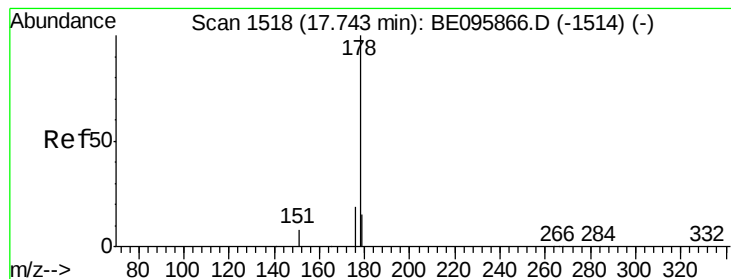
#22
Pentachlorophenol
Concen: 0.155 ng
RT: 17.35 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BE095931.D
Acq: 2 Apr 2018 17:18

Tgt Ion:266 Resp: 24
Ion Ratio Lower Upper
266 100
264 92.3 72.5 108.7
268 88.5 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: 0.026 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

Instrument :

BNA_E

ClientSampleId :

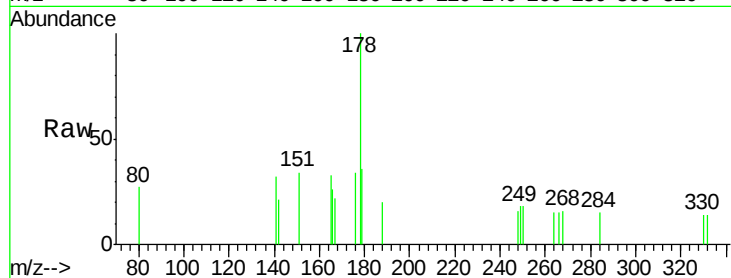
Tot Ion:178 Resp: 348

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

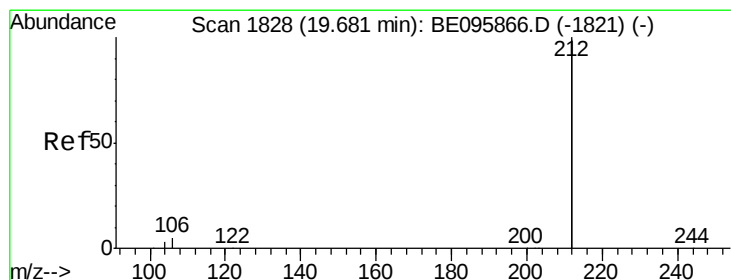
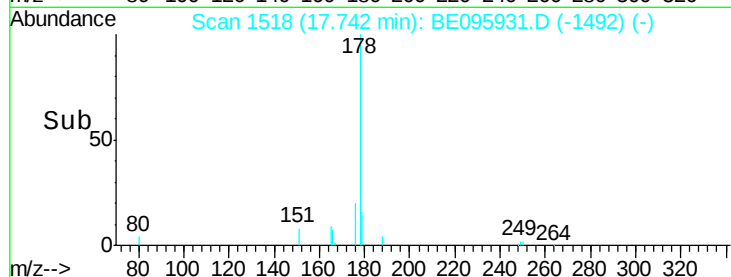
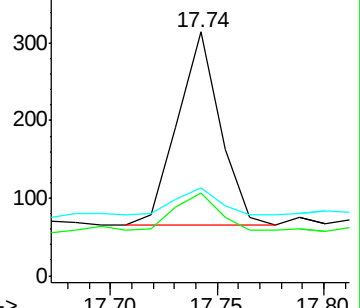
179 14.1 11.8 17.6



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



#25

Fluoranthene-d10

Concen: 0.452 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

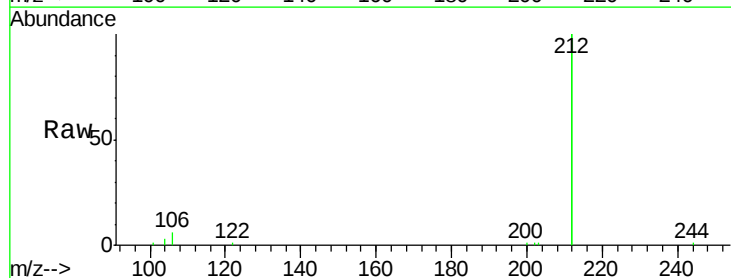
Tgt Ion:212 Resp: 29861

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

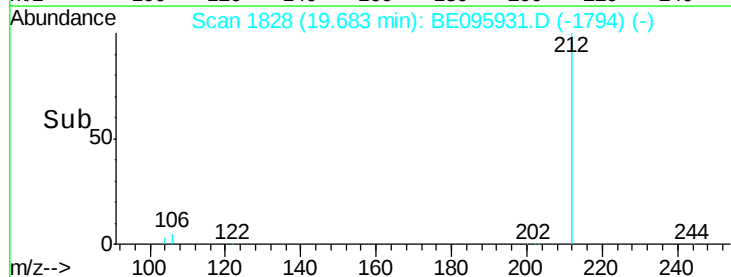
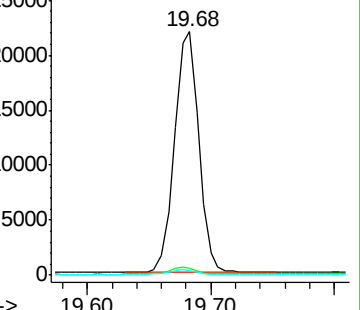
104 1.8 1.6 2.4

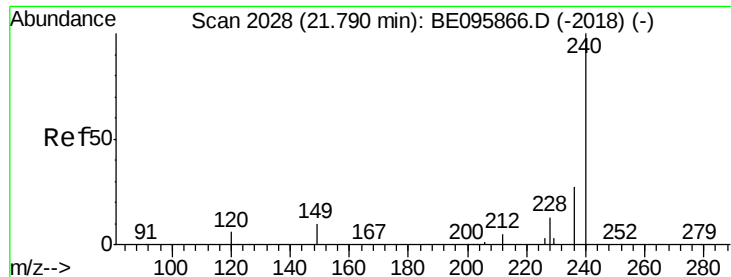


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

Instrument :

BNA_E

ClientSampleId :

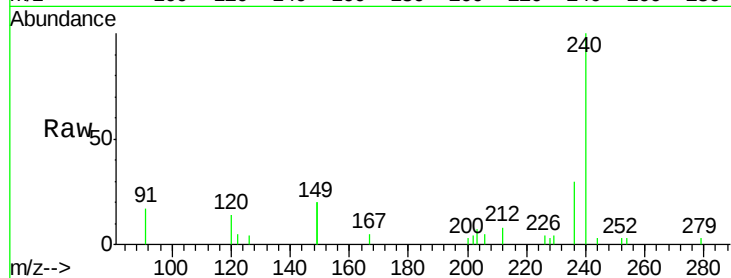
Tot Ion:240 Resp: 4731

Ion Ratio Lower Upper

240 100

120 13.8 5.5 8.3#

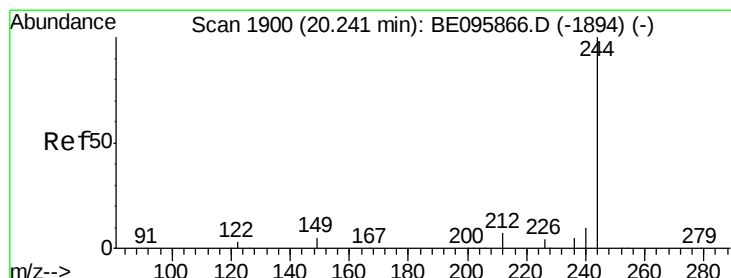
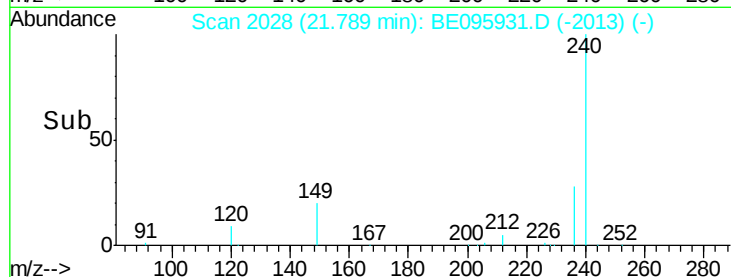
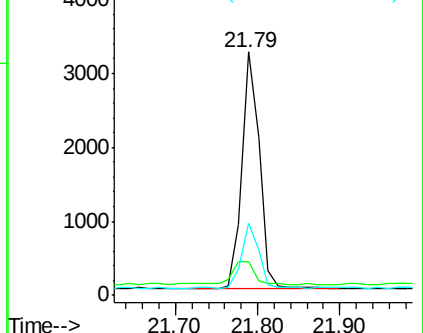
236 29.7 20.7 31.1



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: 0.588 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

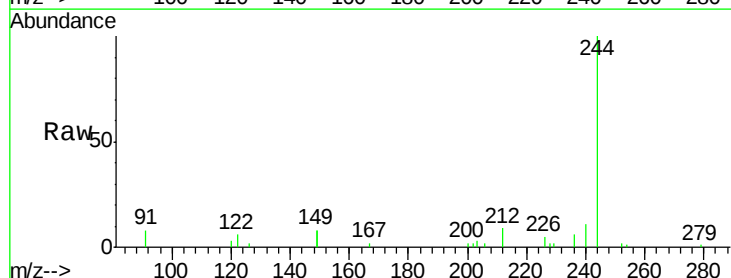
Tgt Ion:244 Resp: 5909

Ion Ratio Lower Upper

244 100

212 8.6 25.4 38.0#

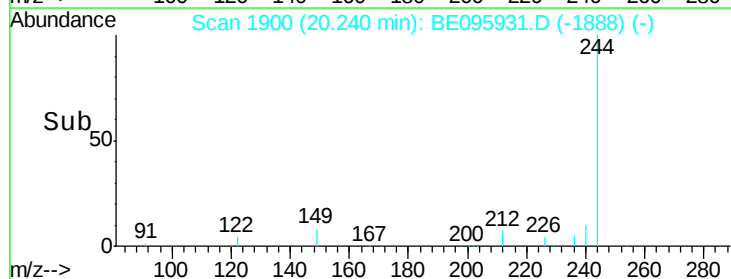
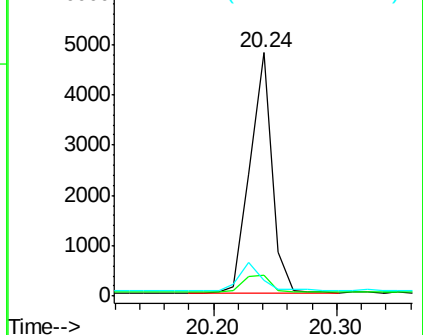
122 6.4 8.1 12.1#

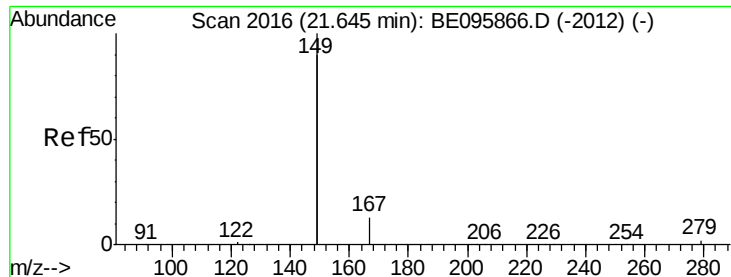


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.162 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

Instrument :

BNA_E

ClientSampleId :

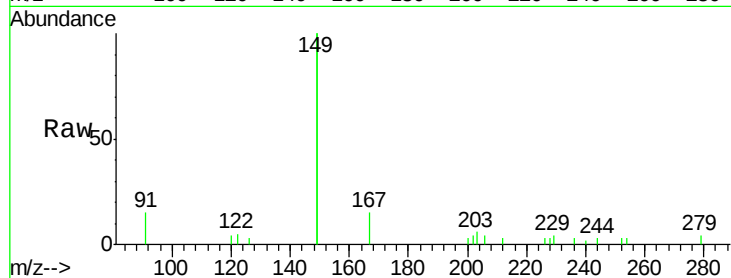
Tot Ion:149 Resp: 8128

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

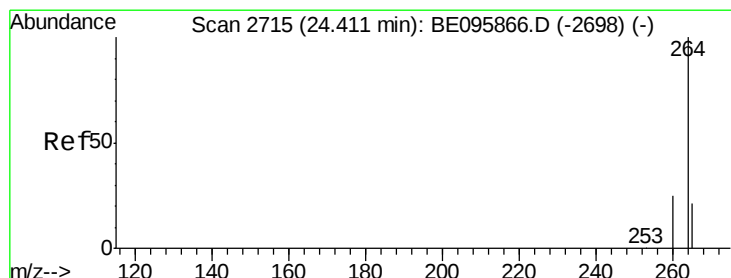
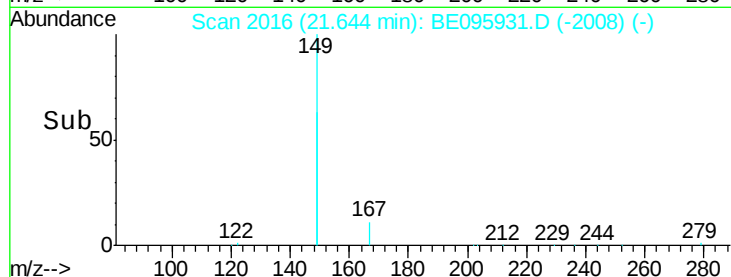
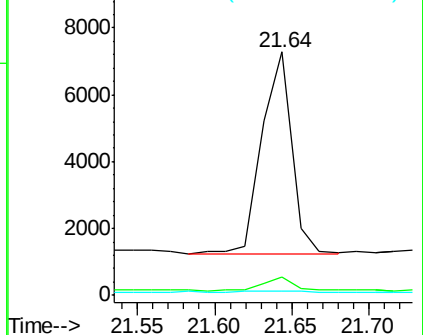
279 1.5 0.7 1.1#



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# 2717

Delta R.T. -0.01 min

Lab File: BE095931.D

Acq: 2 Apr 2018 17:18

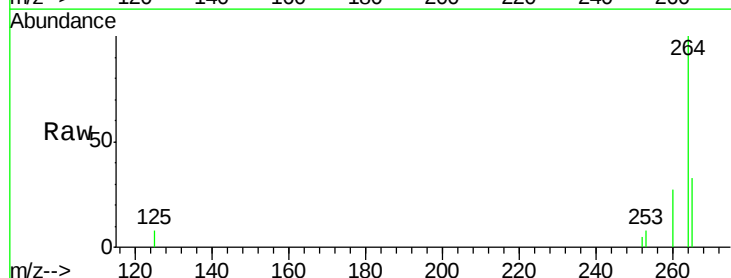
Tgt Ion:264 Resp: 4740

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 33.4 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

