

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095742.D
 Acq On : 12 Mar 2018 23:32
 Operator : SJ/JU
 Sample : J1834-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180306

Quant Time: Mar 13 10:48:49 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

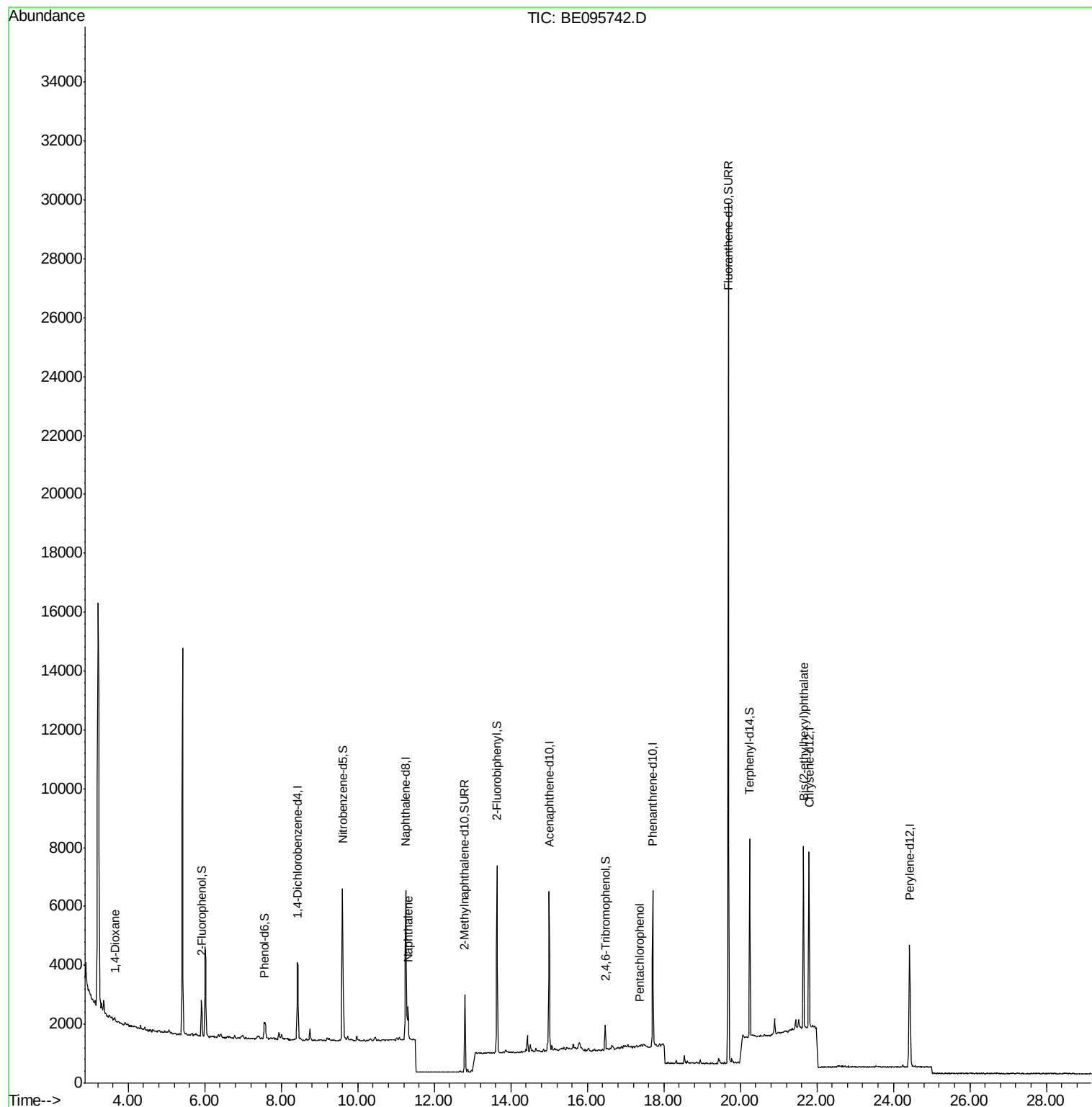
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1367	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5235	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	3016	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6834	0.40	ng	0.00
27) Chrysene-d12	21.80	240	6901	0.40	ng	0.00
34) Perylene-d12	24.43	264	6491	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	585	0.16	ng	0.00
5) Phenol-d6	7.56	99	490	0.10	ng	0.00
8) Nitrobenzene-d5	9.61	82	2179	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3615	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	500	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5503	0.41	ng	0.00
25) Fluoranthene-d10	19.68	212	38775	0.43	ng	0.00
29) Terphenyl-d14	20.24	244	6430	0.47	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.65	88	99	0.046	ng	# 28
9) Naphthalene	11.31	128	1660	0.028	ng	# 89
22) Pentachlorophenol	17.38	266	24	0.193	ng	98
32) Bis(2-ethylhexyl)phthalate	21.66	149	8453	0.212	ng	99

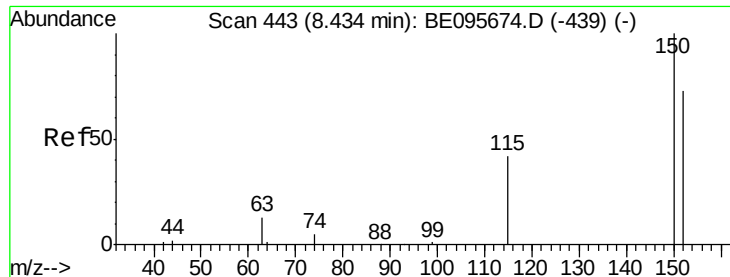
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180306

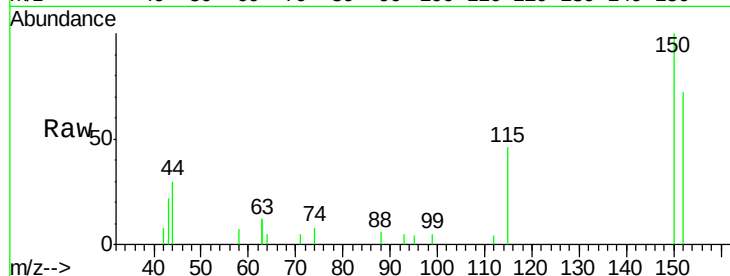
Tot Ion:152 Resp: 1367

Ion Ratio Lower Upper

152 100

150 138.4 117.2 175.8

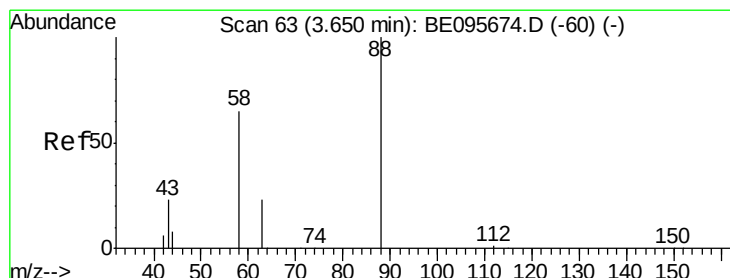
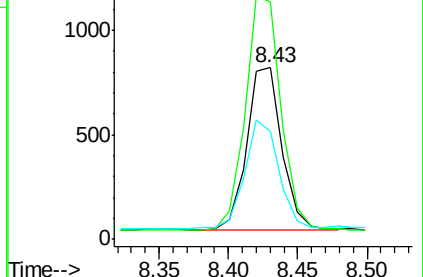
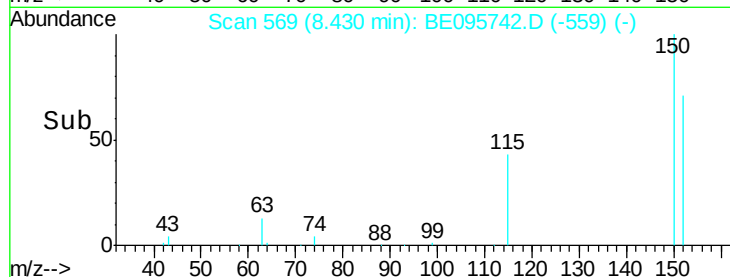
115 63.2 57.0 85.6



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: 0.046 ng

RT: 3.65 min Scan# 80

Delta R.T. -0.00 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

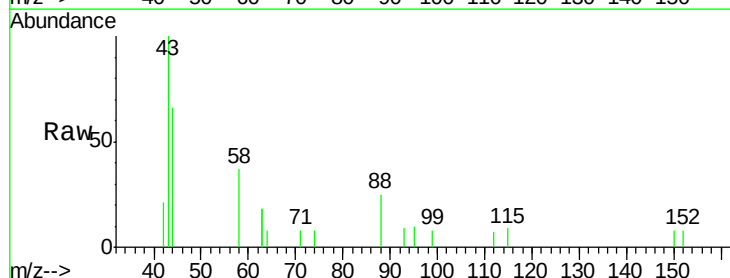
Tgt Ion: 88 Resp: 99

Ion Ratio Lower Upper

88 100

58 141.4 63.2 94.8#

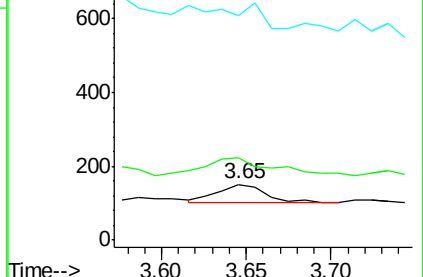
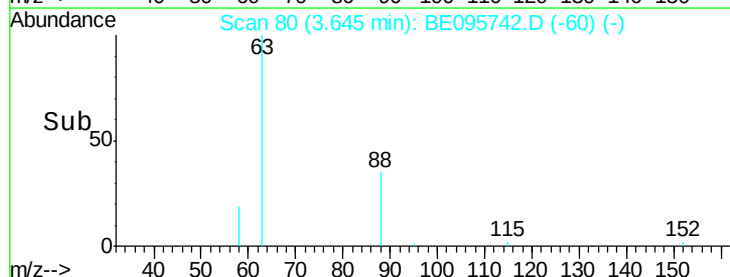
43 0.0 41.2 61.8#

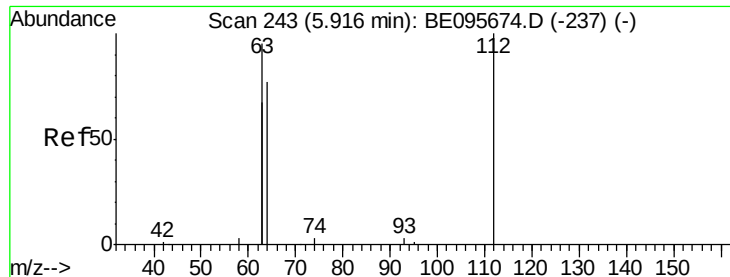


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.162 ng

RT: 5.92 min Scan# 312

Delta R.T. -0.00 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180306

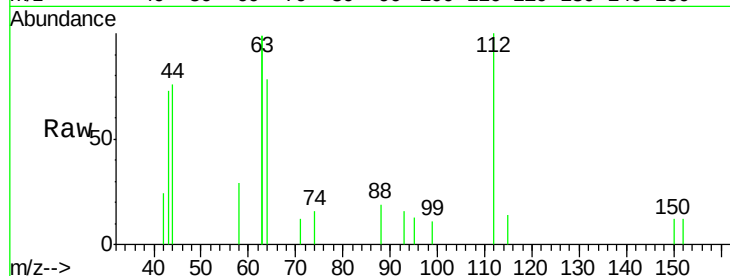
Tot Ion:112 Resp: 585

Ion Ratio Lower Upper

112 100

64 76.4 60.1 90.1

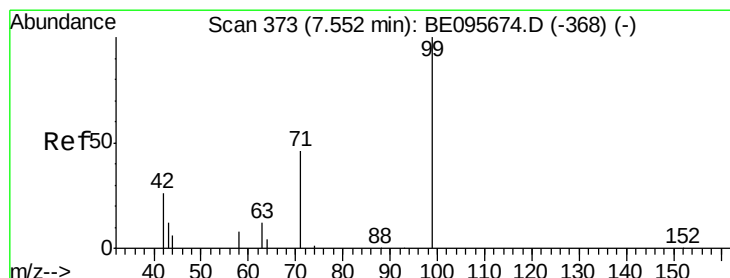
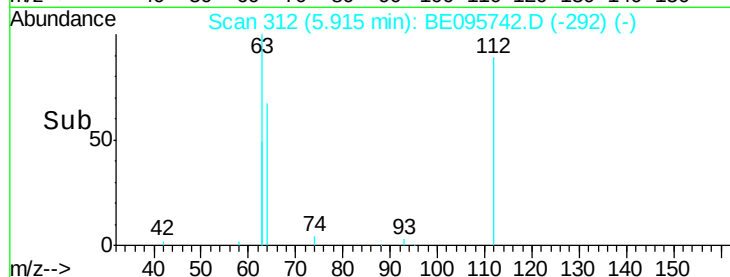
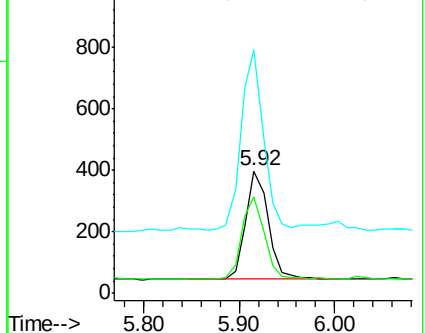
63 163.4 116.8 175.2



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



#5

Phenol-d6

Concen: 0.098 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.01 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

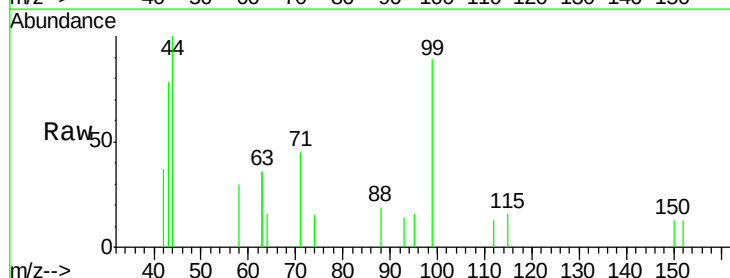
Tgt Ion: 99 Resp: 490

Ion Ratio Lower Upper

99 100

42 32.9 20.2 30.2#

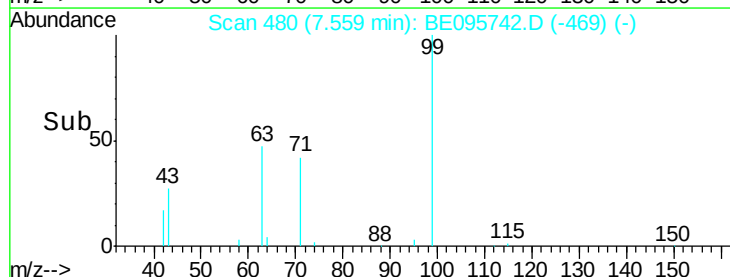
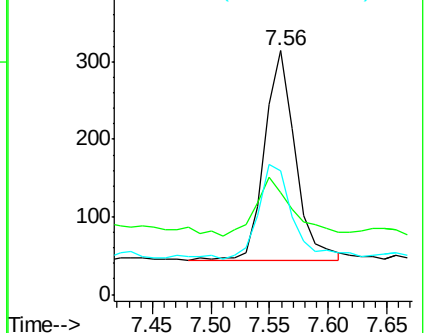
71 49.6 28.4 42.6#

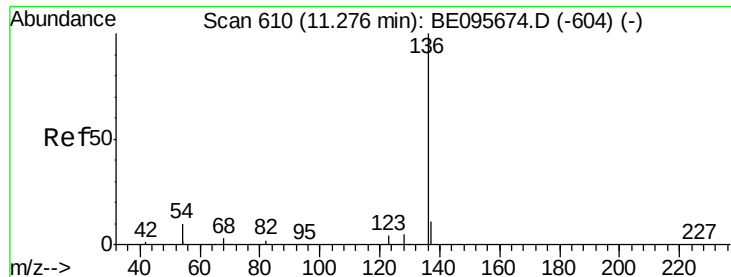


Abundance Ion 99.00 (98.70 to 99.70): BE0

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. -0.02 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180306

Tot Ion:136 Resp: 5235

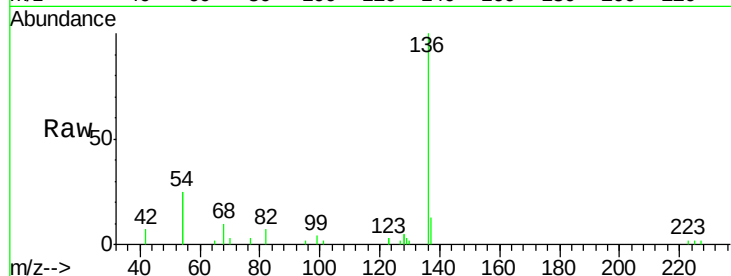
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 50.8 29.1 43.7#

68 9.6 6.2 9.2#

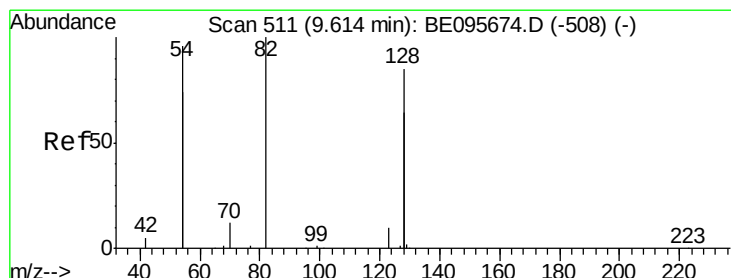
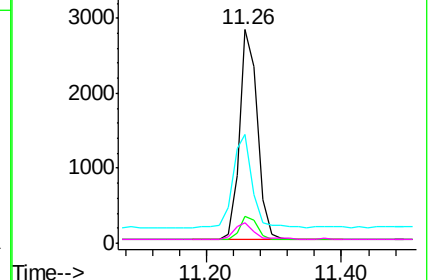
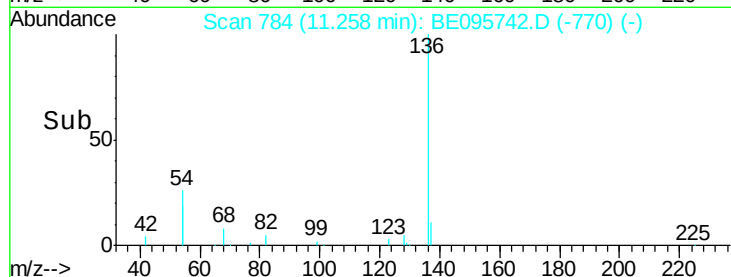


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

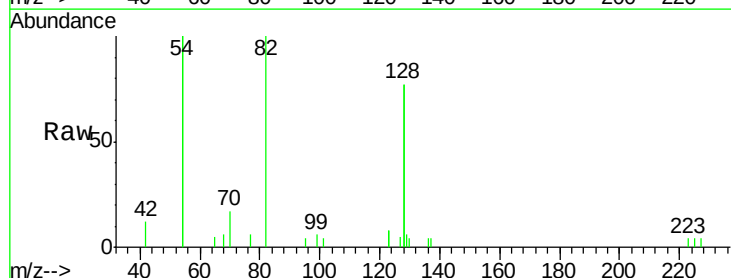
Tgt Ion: 82 Resp: 2179

Ion Ratio Lower Upper

82 100

128 153.2 150.0 225.0

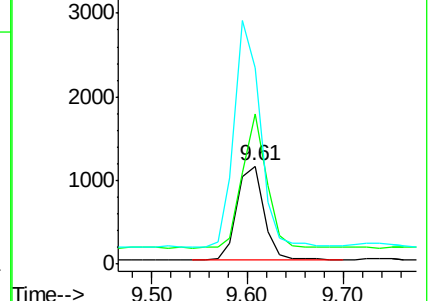
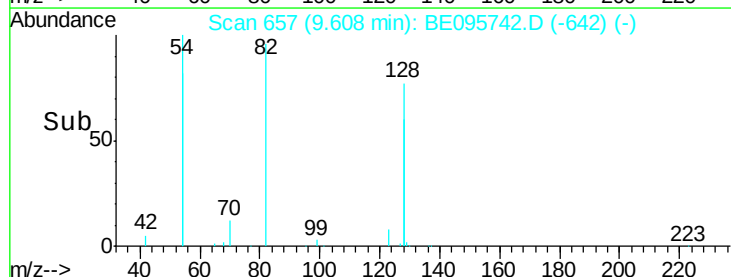
54 199.5 154.2 231.4

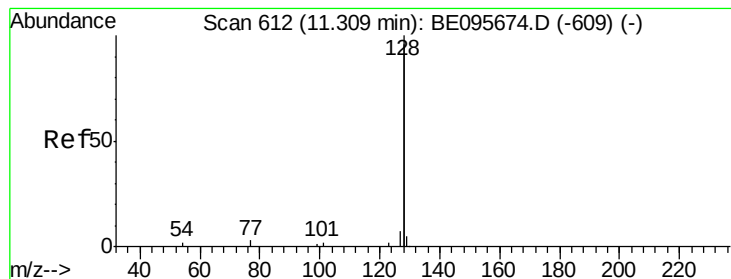


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.028 ng

RT: 11.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180306

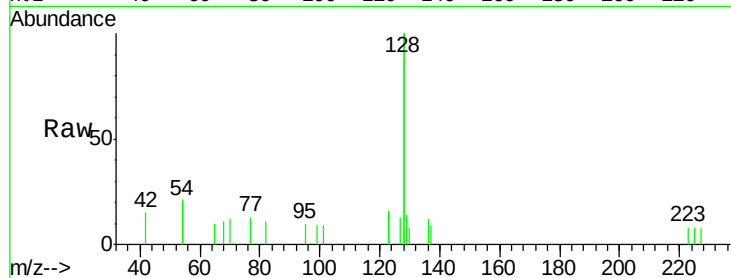
Tot Ion:128 Resp: 1660

Ion Ratio Lower Upper

128 100

129 7.1 2.6 3.8#

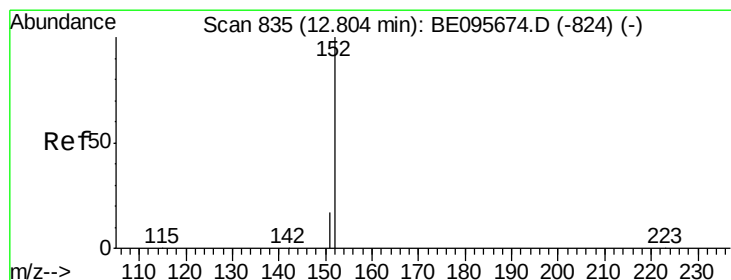
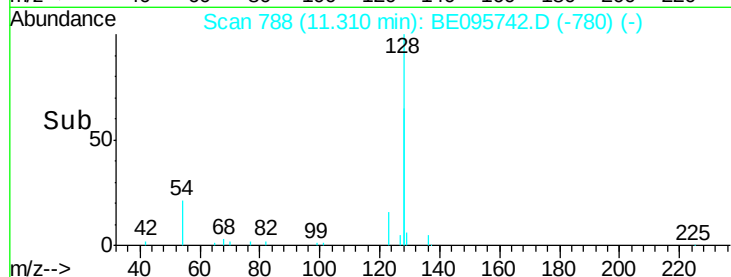
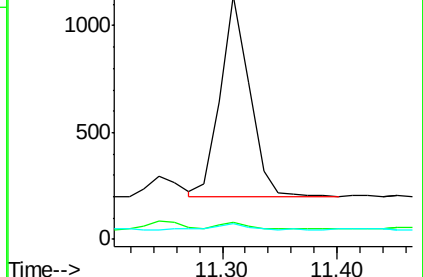
127 6.7 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095742.D

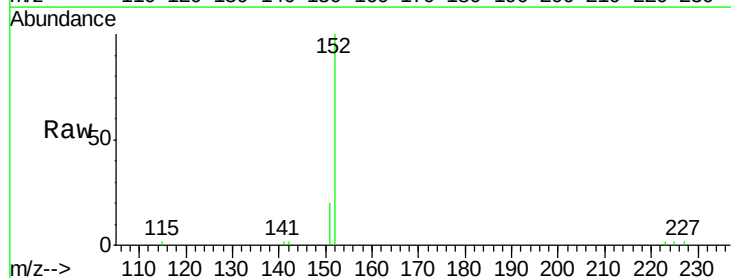
Acq: 12 Mar 2018 23:32

Tgt Ion:152 Resp: 3615

Ion Ratio Lower Upper

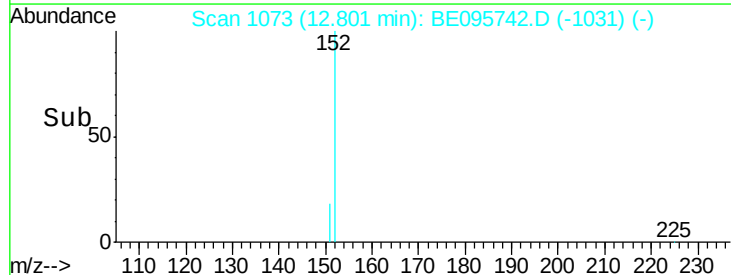
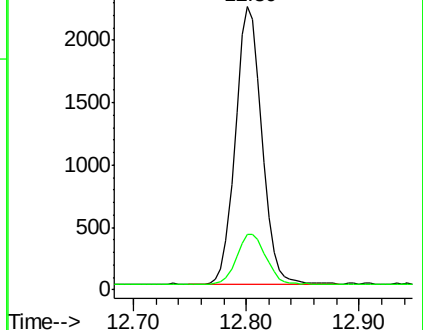
152 100

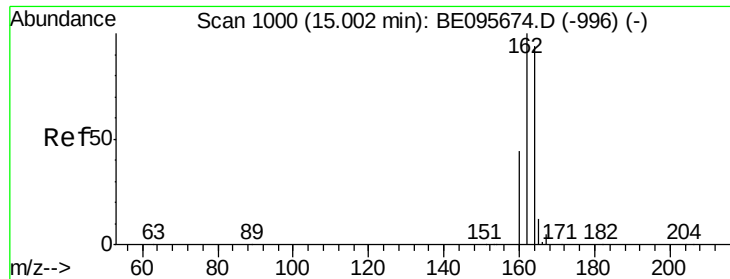
151 19.6 15.4 23.0



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: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180306

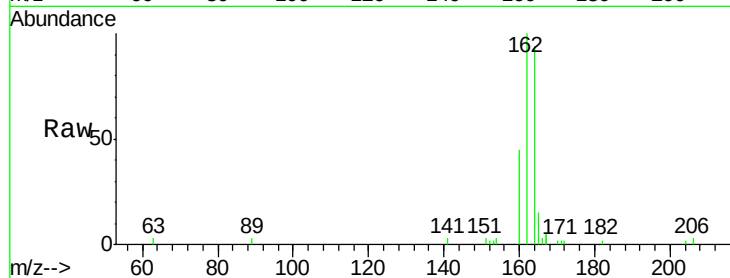
Tot Ion:164 Resp: 3016

Ion Ratio Lower Upper

164 100

162 106.4 83.1 124.7

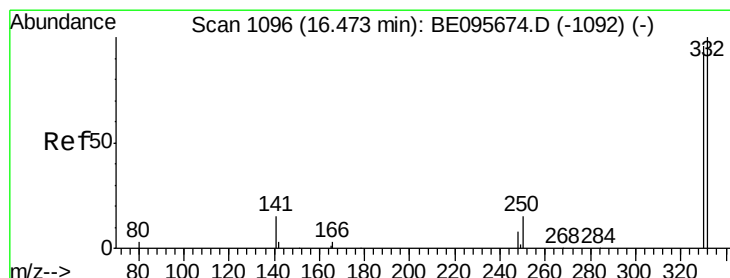
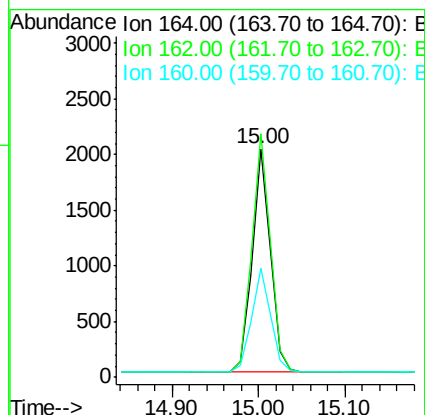
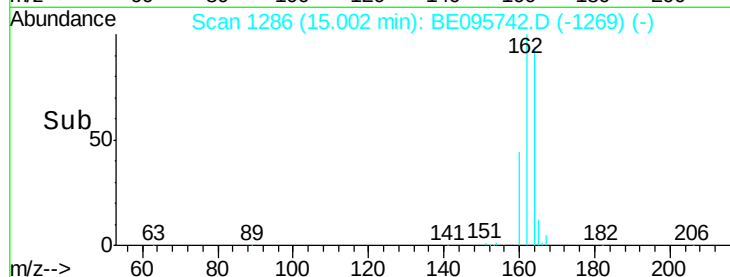
160 47.9 37.1 55.7



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

2,4,6-Tribromophenol

Concen: 0.462 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

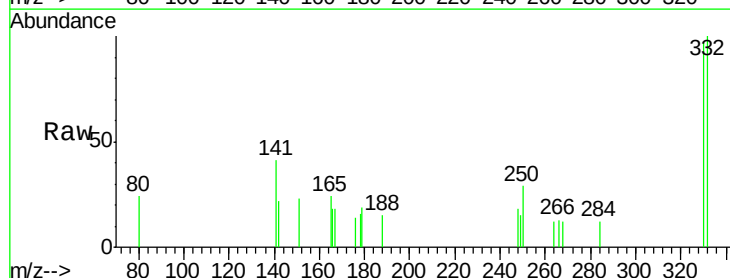
Tgt Ion:330 Resp: 500

Ion Ratio Lower Upper

330 100

332 96.8 152.7 229.1#

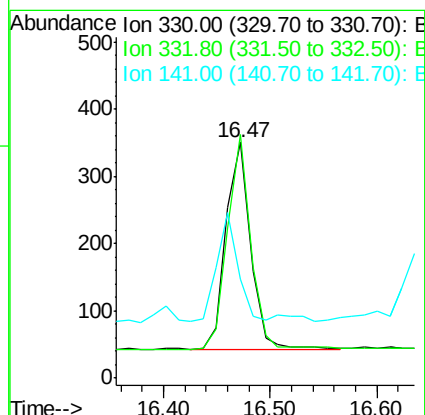
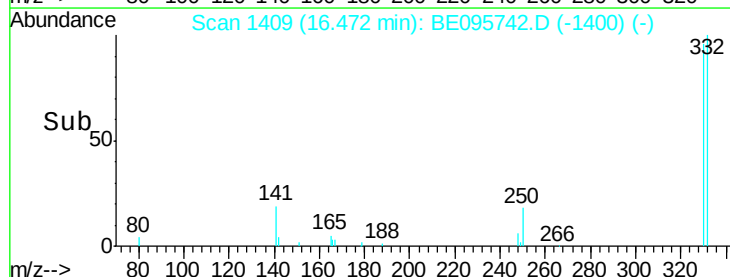
141 45.2 33.7 50.5

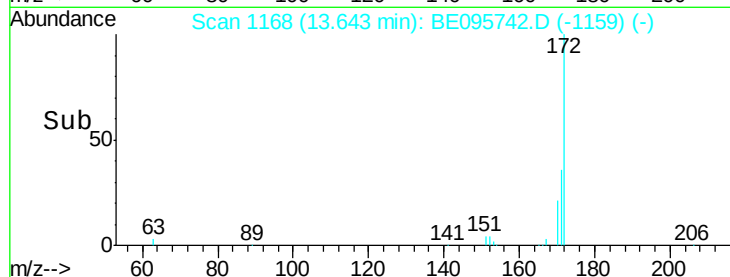
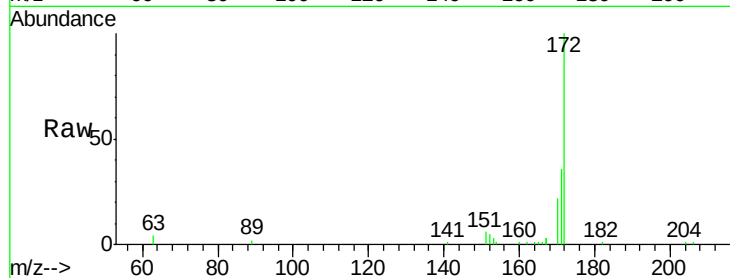
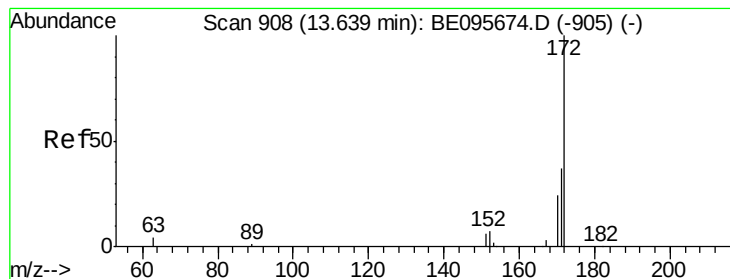


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.408 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180306

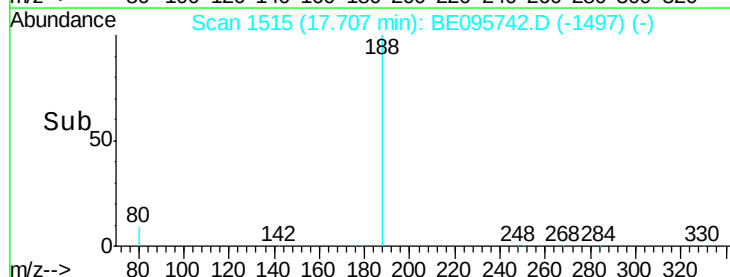
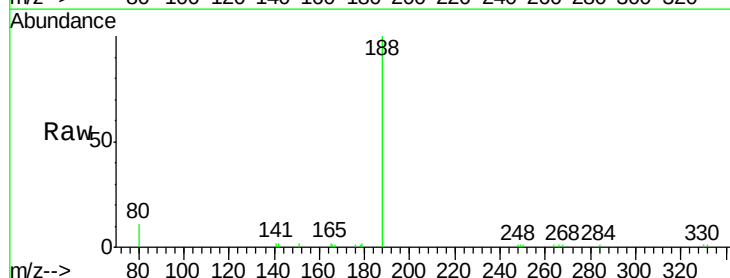
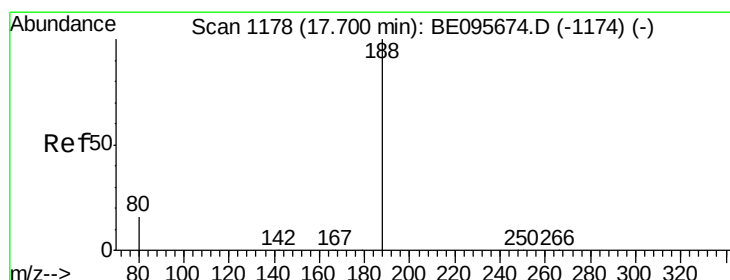
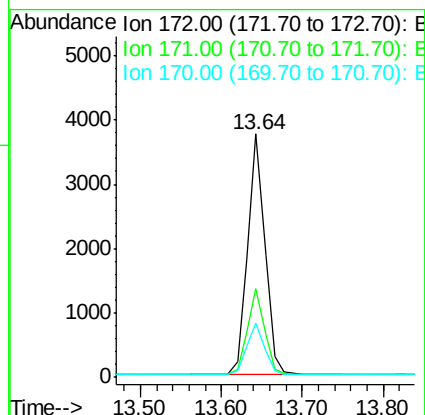
Tot Ion:172 Resp: 5503

Ion Ratio Lower Upper

172 100

171 36.4 29.9 44.9

170 22.2 21.8 32.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

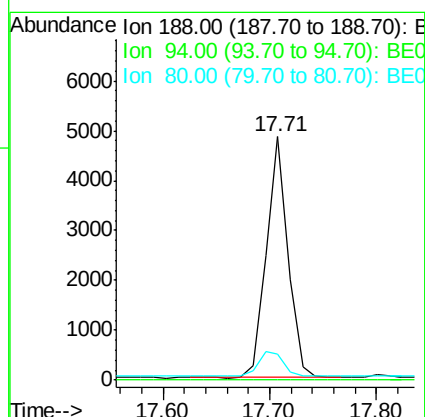
Tgt Ion:188 Resp: 6834

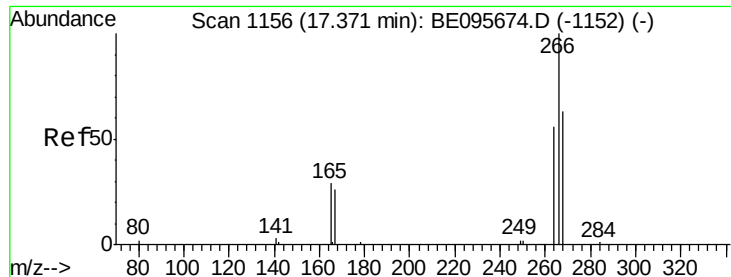
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 10.7 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.193 ng

RT: 17.38 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

Instrument :

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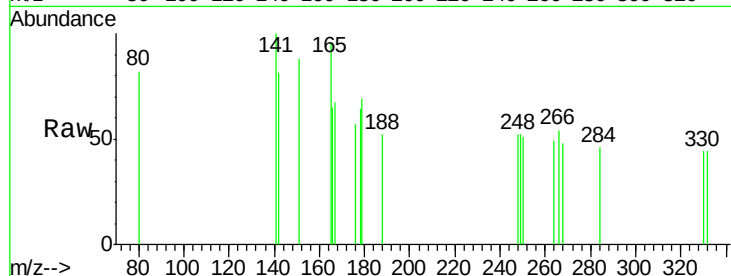
Tot Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 92.5 72.5 108.7

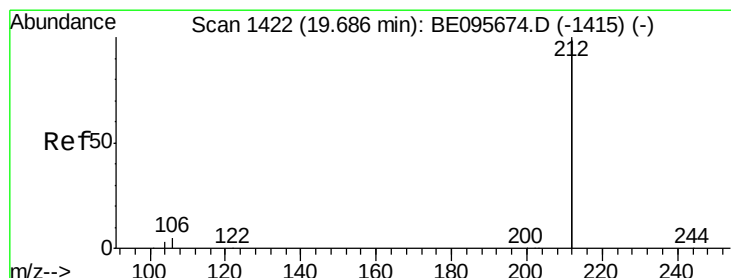
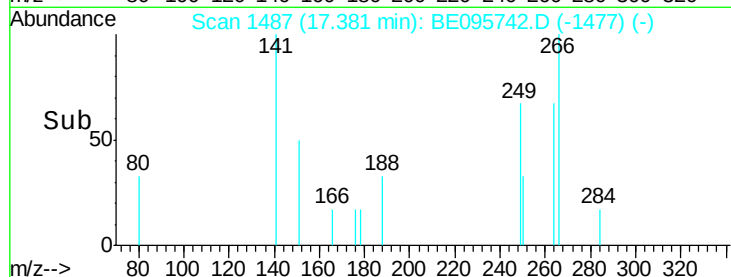
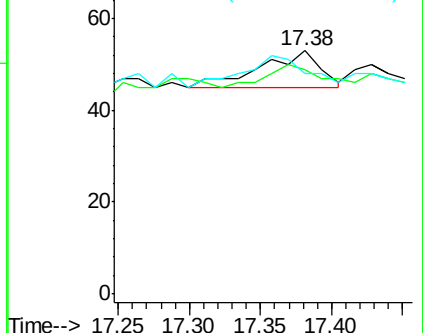
268 90.6 73.8 110.6



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: 0.434 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

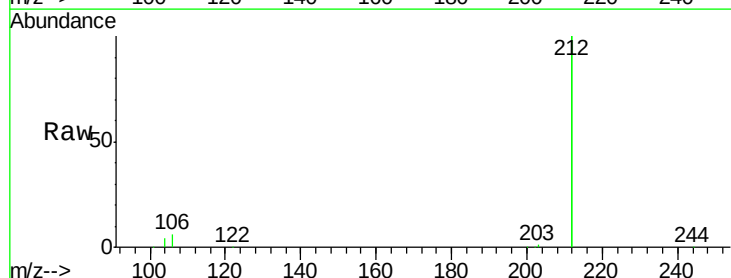
Tgt Ion:212 Resp: 38775

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

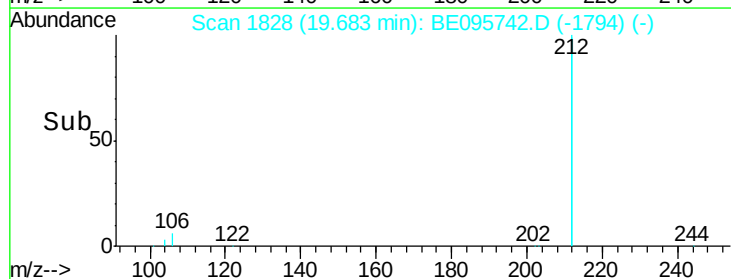
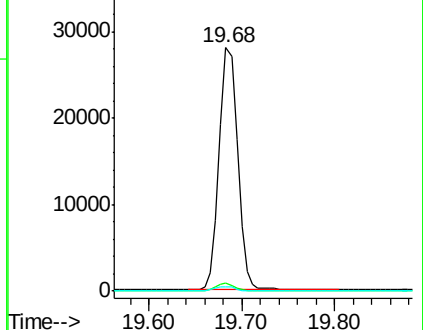
104 1.6 1.6 2.4

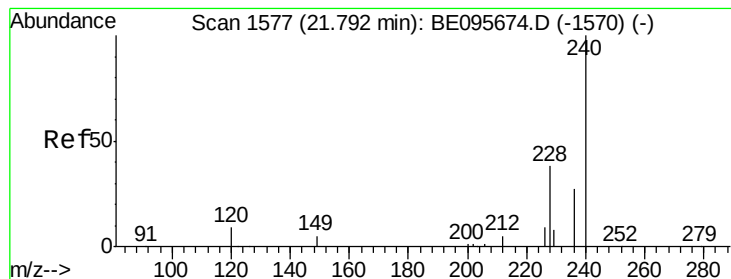


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE095742.D

Acq: 12 Mar 2018 23:32

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180306

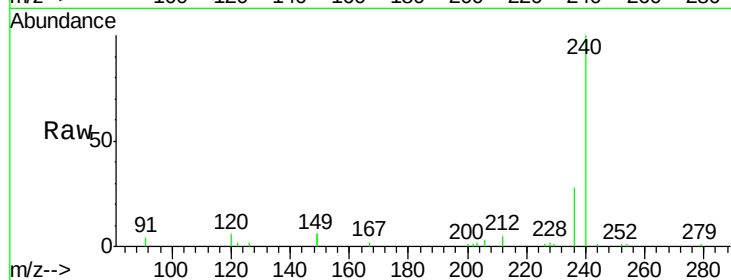
Tot Ion:240 Resp: 6901

Ion Ratio Lower Upper

240 100

120 6.0 5.5 8.3

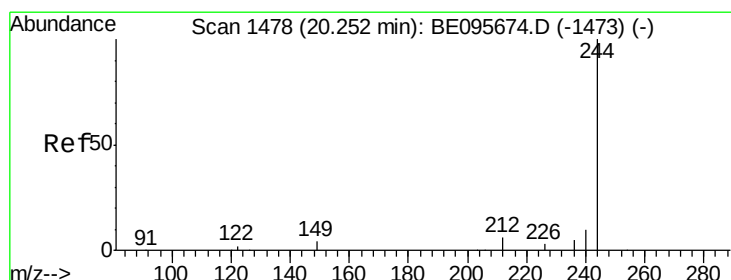
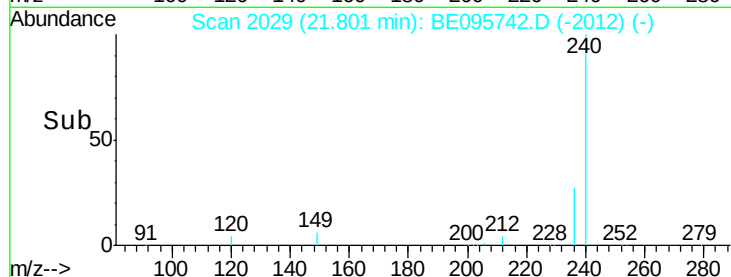
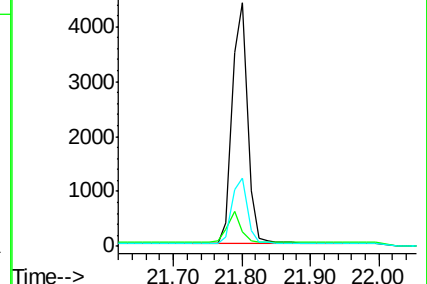
236 27.9 20.7 31.1



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: 0.467 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BE095742.D

Acq: 12 Mar 2018 23:32

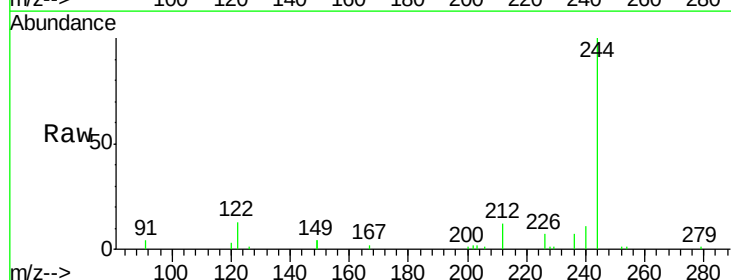
Tgt Ion:244 Resp: 6430

Ion Ratio Lower Upper

244 100

212 11.6 25.4 38.0#

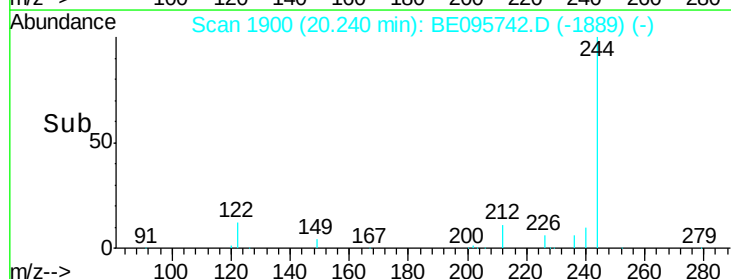
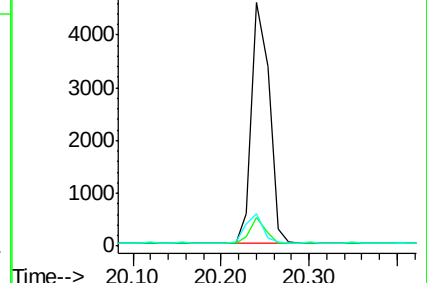
122 13.2 8.1 12.1#

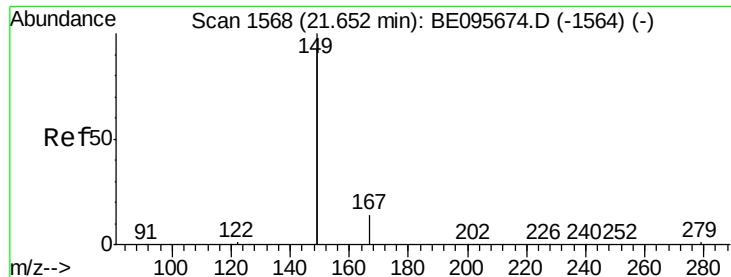


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

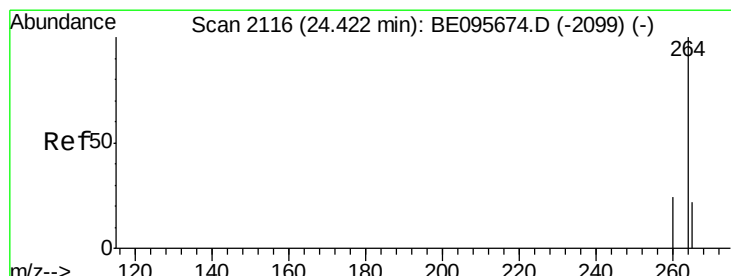
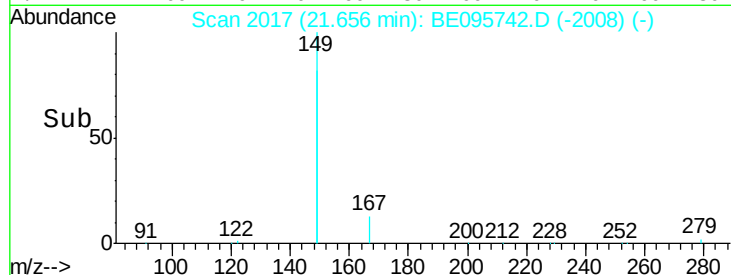
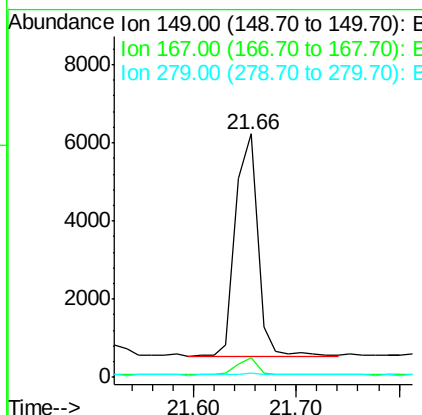
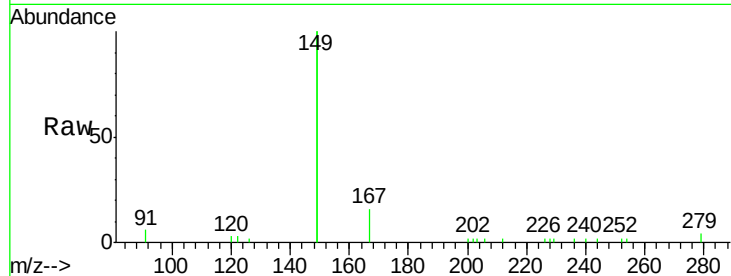




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.212 ng
 RT: 21.66 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BE095742.D
 Acq: 12 Mar 2018 23:32

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180306

Tot Ion:149 Resp: 8453
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.4 8.0
 279 0.9 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE095742.D
 Acq: 12 Mar 2018 23:32

Tgt Ion:264 Resp: 6491
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 26.1 22.8 34.2

