

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\
 Data File : BE095682.D
 Acq On : 23 Feb 2018 14:31
 Operator : SJ/JU
 Sample : J1629-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180220

Quant Time: Feb 23 18:29:33 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

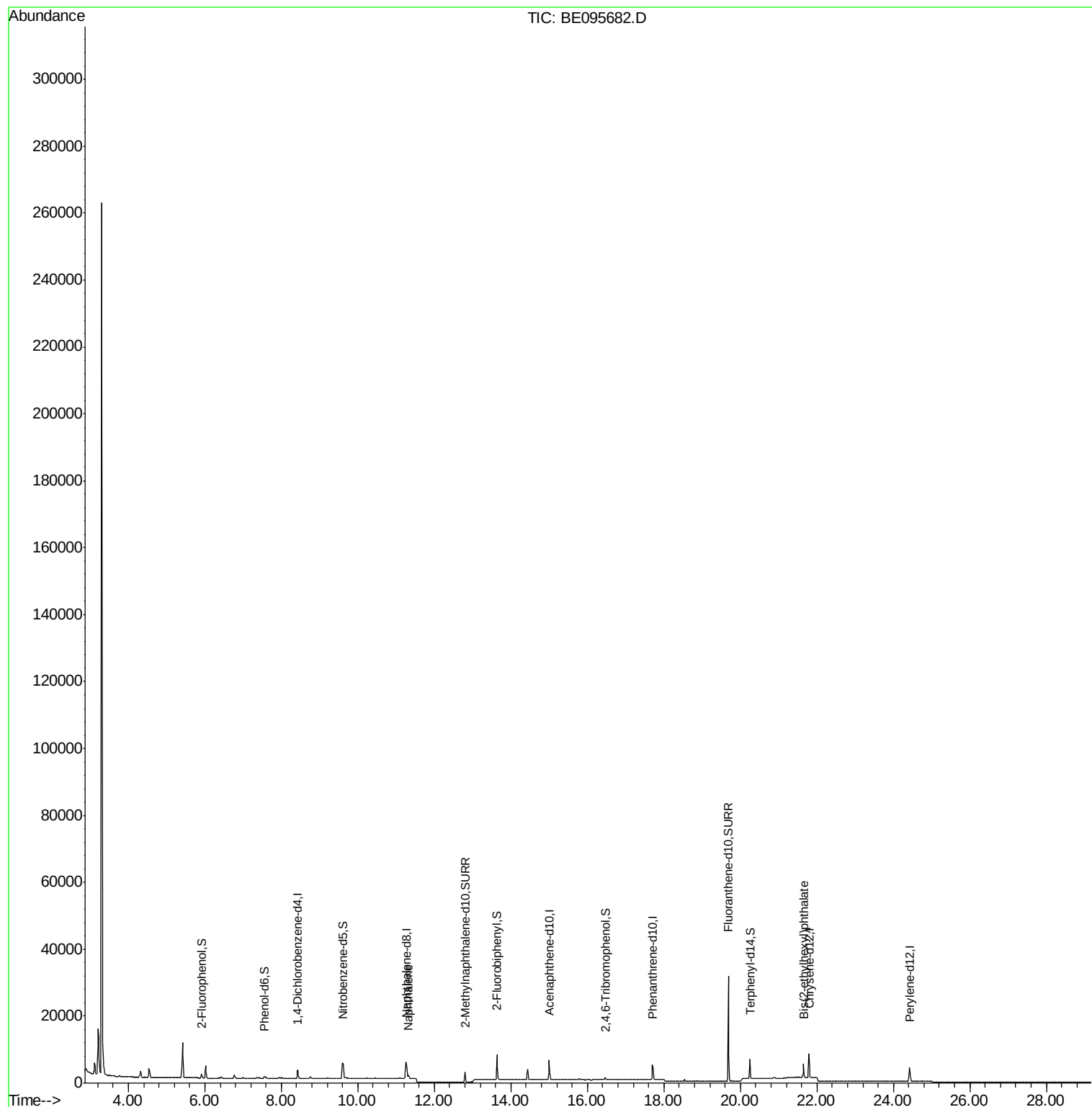
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1414	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5484	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	3246	0.40	ng	0.00
19) Phenanthrene-d10	17.70	188	7311	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7411	0.40	ng	0.00
34) Perylene-d12	24.42	264	6821	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	688	0.18	ng	0.00
5) Phenol-d6	7.56	99	548	0.11	ng	0.01
8) Nitrobenzene-d5	9.61	82	2189	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3761	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	493	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6844	0.47	ng	0.00
25) Fluoranthene-d10	19.69	212	40003	0.42	ng	0.00
29) Terphenyl-d14	20.25	244	7343	0.50	ng	0.00
Target Compounds						
9) Naphthalene	11.31	128	1934	0.03	ng	Qvalue # 88
32) Bis(2-ethylhexyl)phthalate	21.65	149	4811	0.11	ng	97

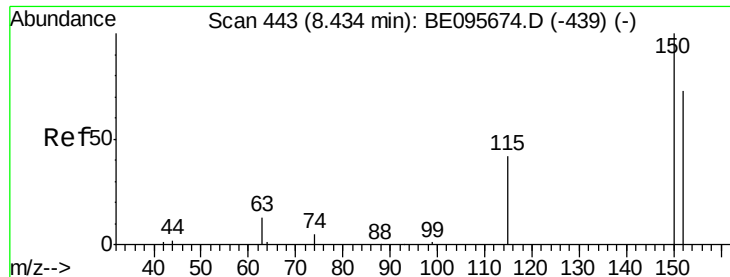
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.43 min Scan# 443

Delta R.T. -0.00 min

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Acq: 23 Feb 2018 14:31

Instrument :

BNA_E

ClientSampleId :

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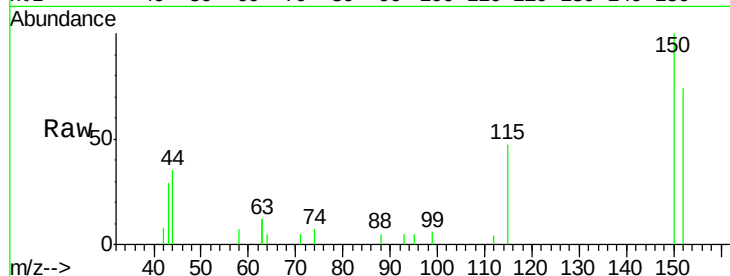
Tot Ion:152 Resp: 1414

Ion Ratio Lower Upper

152 100

150 134.3 117.2 175.8

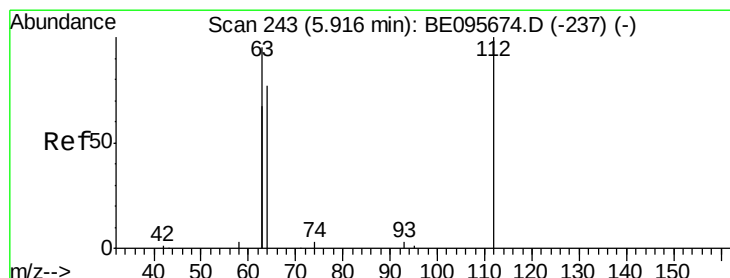
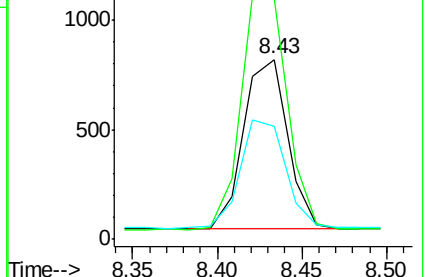
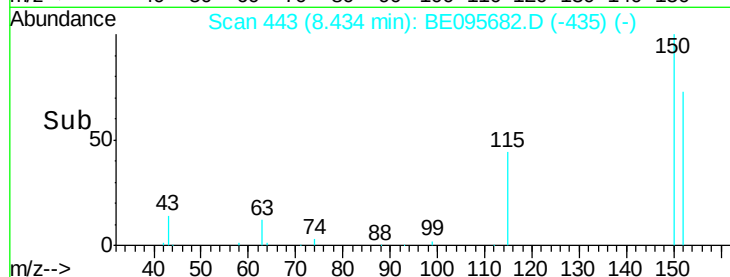
115 62.6 57.0 85.6



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: 0.18 ng

RT: 5.92 min Scan# 243

Delta R.T. -0.00 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

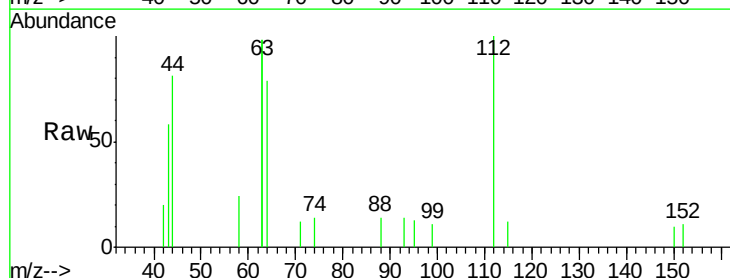
Tgt Ion:112 Resp: 688

Ion Ratio Lower Upper

112 100

64 70.5 60.1 90.1

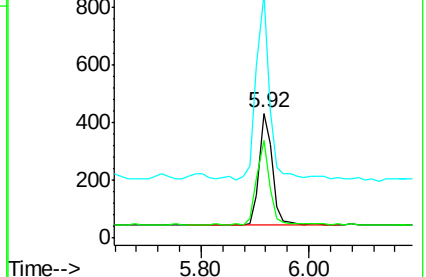
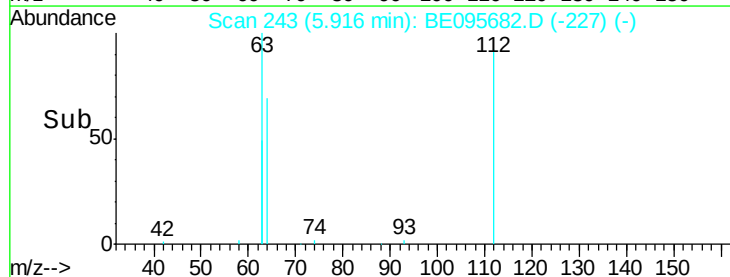
63 159.6 116.8 175.2

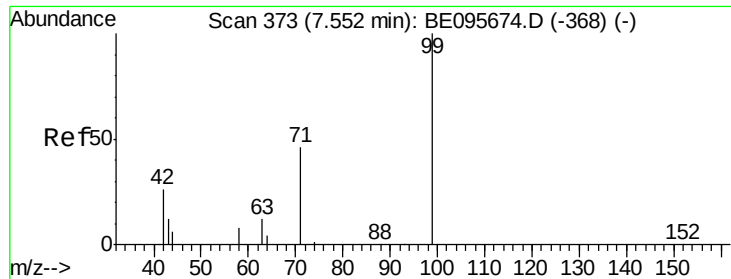


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.11 ng

RT: 7.56 min Scan# 374

Delta R.T. 0.01 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180220

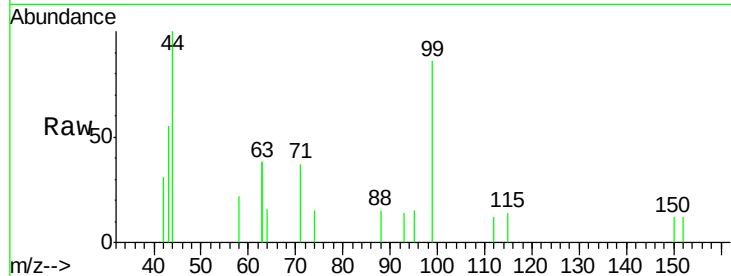
Tot Ion: 99 Resp: 548

Ion Ratio Lower Upper

99 100

42 33.6 20.2 30.2#

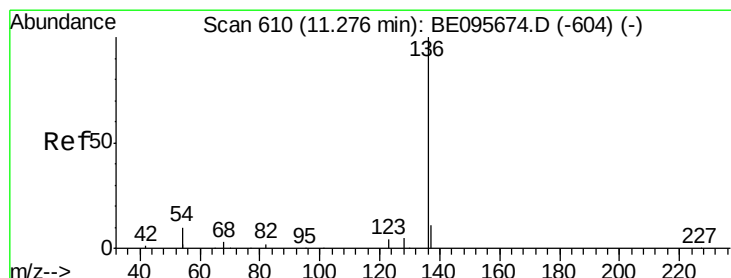
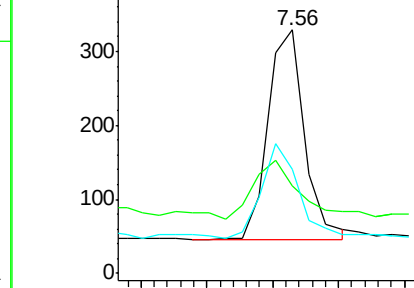
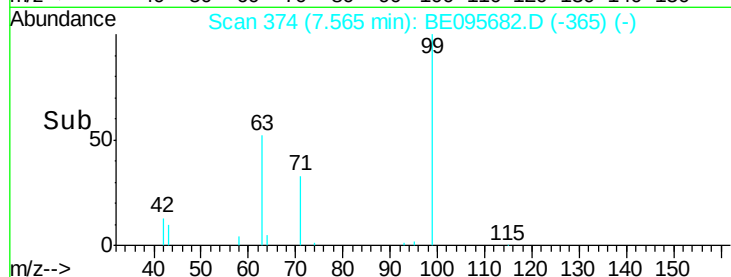
71 44.7 28.4 42.6#



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: 0.40 ng

RT: 11.26 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

Tgt Ion: 136 Resp: 5484

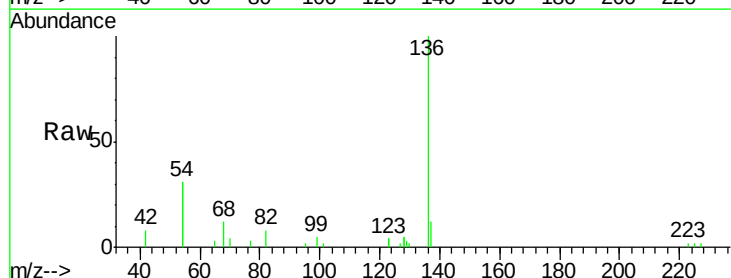
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 62.8 29.1 43.7#

68 11.8 6.2 9.2#

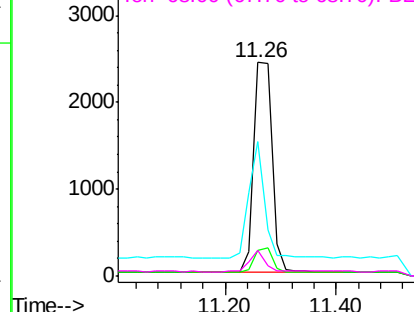
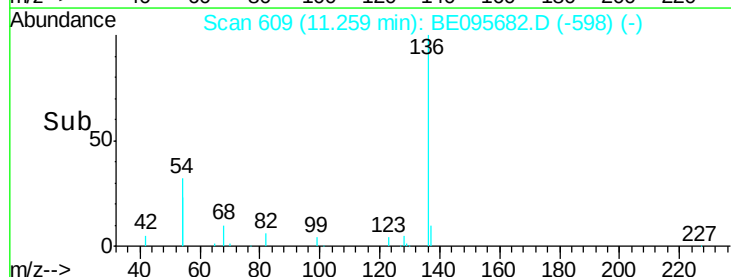


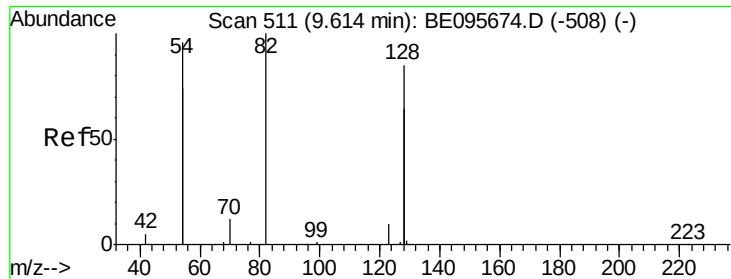
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

RT: 9.61 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180220

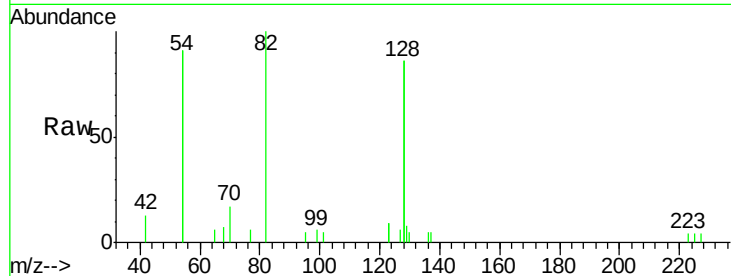
Tot Ion: 82 Resp: 2189

Ion Ratio Lower Upper

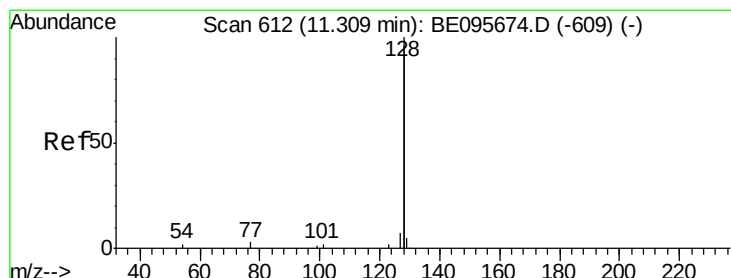
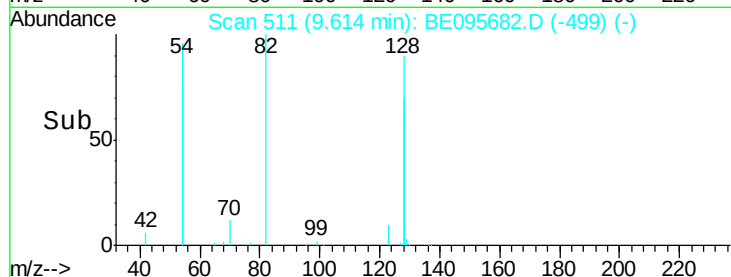
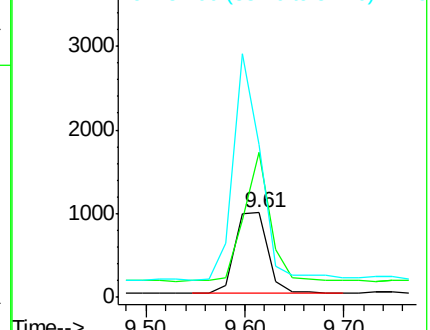
82 100

128 171.4 150.0 225.0

54 181.5 154.2 231.4



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



#9

Naphthalene

Concen: 0.03 ng

RT: 11.31 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

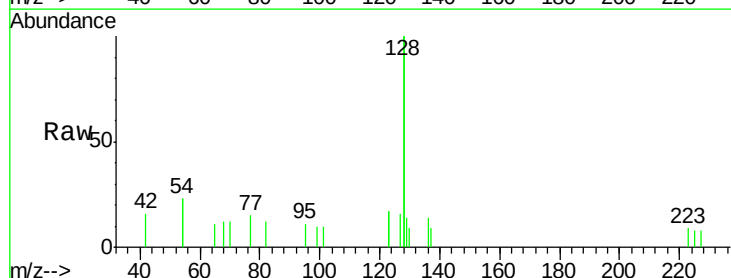
Tgt Ion: 128 Resp: 1934

Ion Ratio Lower Upper

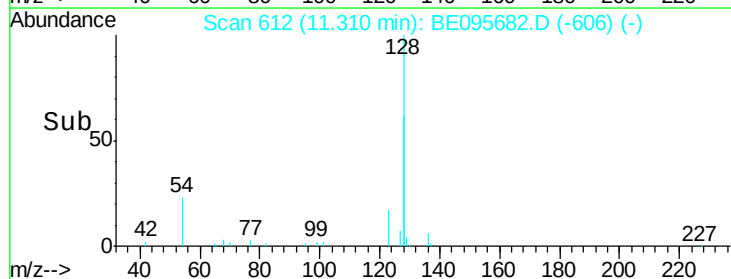
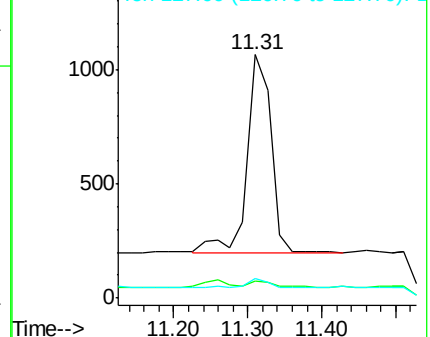
128 100

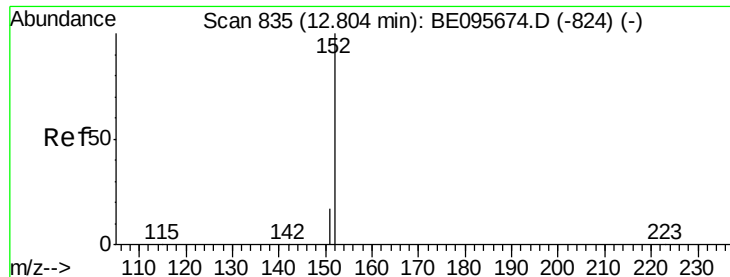
129 6.8 2.6 3.8#

127 7.9 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: 0.41 ng

RT: 12.80 min Scan# 835

Delta R.T. 0.00 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

Instrument :

BNA_E

ClientSampleId :

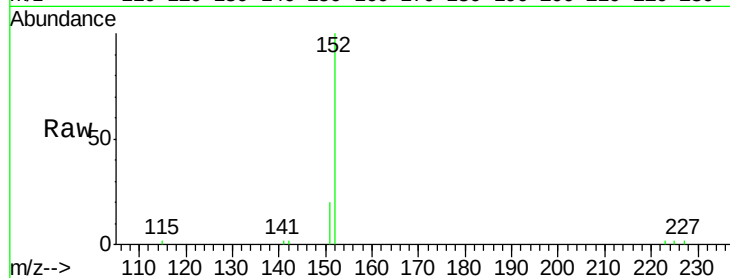
OUTFALL001-180220

Tot Ion:152 Resp: 3761

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

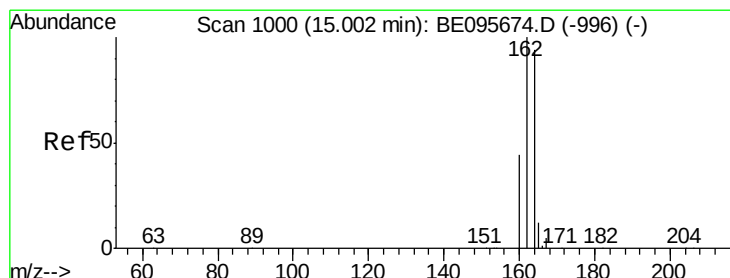
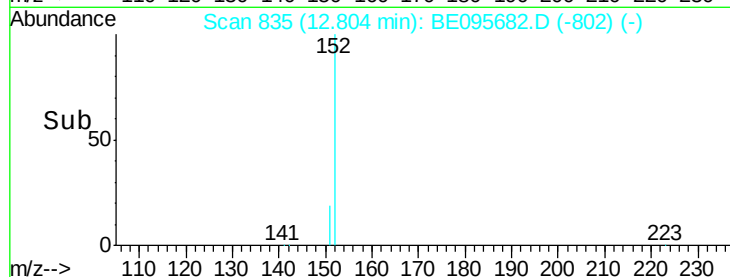
1500

1000

500

0

Time--> 12.70 12.80 12.90



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.00 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

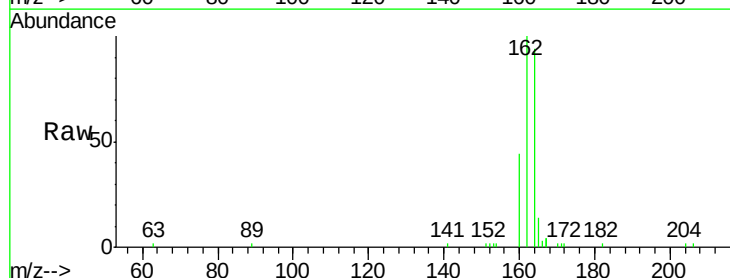
Tgt Ion:164 Resp: 3246

Ion Ratio Lower Upper

164 100

162 106.1 83.1 124.7

160 47.1 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

3000

2500

2000

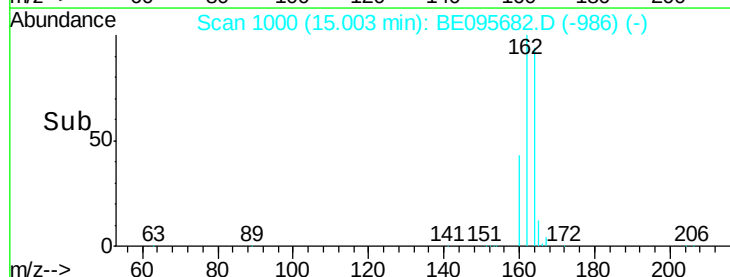
1500

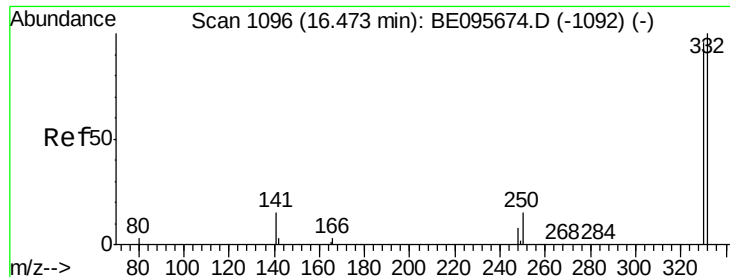
1000

500

0

Time--> 14.90 15.00 15.10

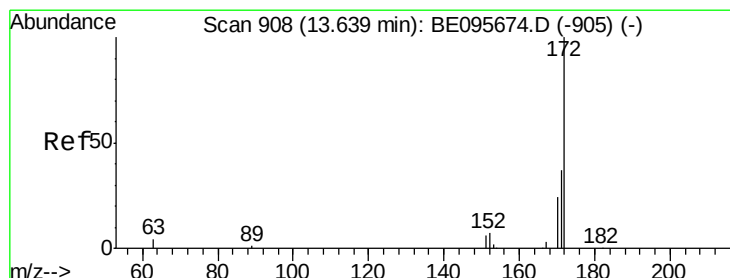
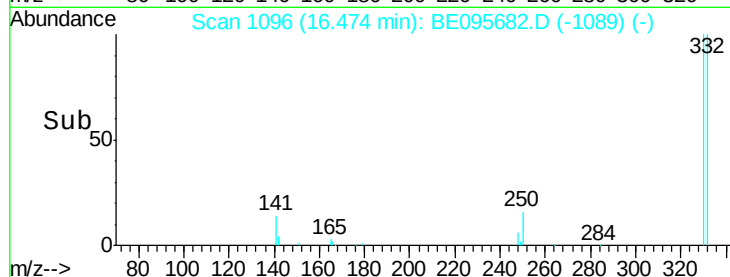
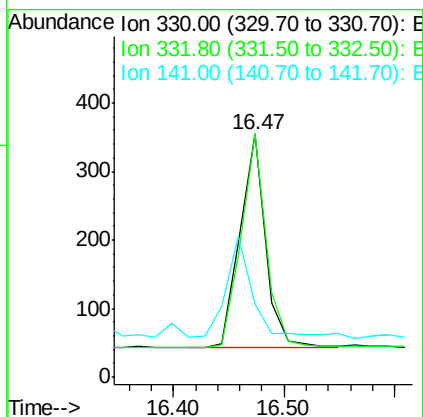
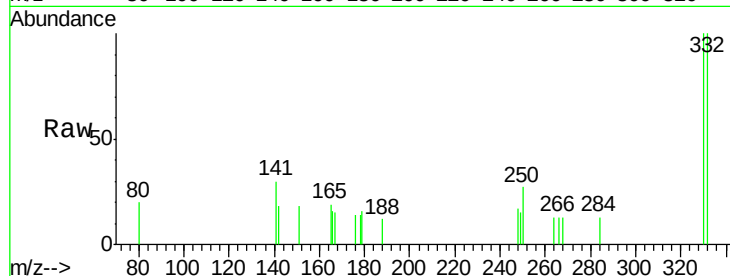




#14
 2,4,6-Tribromophenol
 Concen: 0.43 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095682.D
 Acq: 23 Feb 2018 14:31

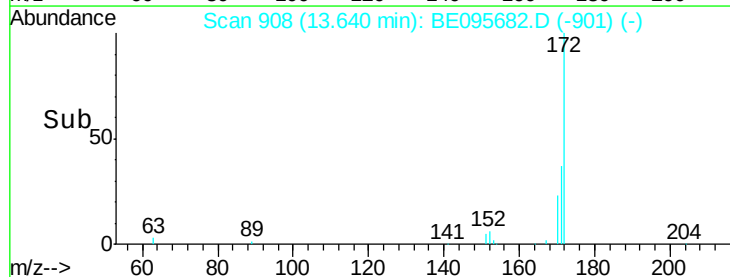
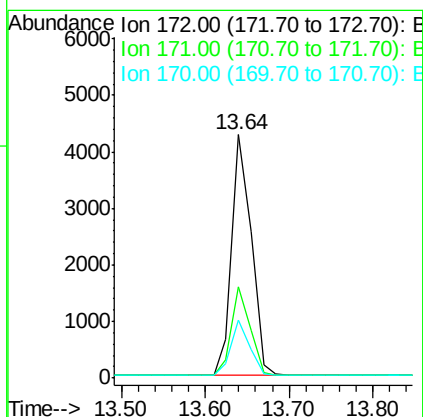
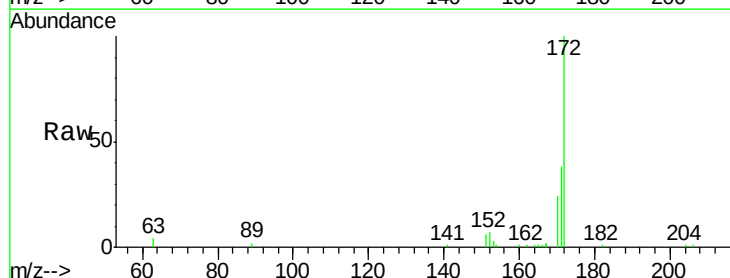
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180220

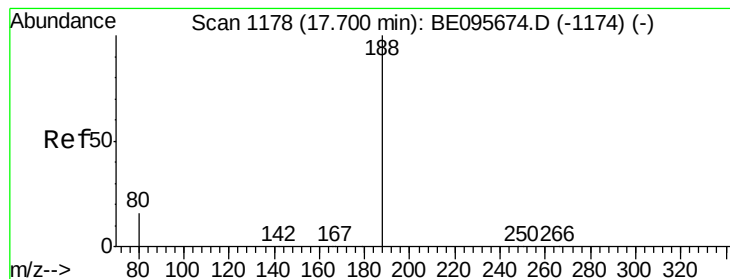
Tot Ion:330 Resp: 493
 Ion Ratio Lower Upper
 330 100
 332 101.4 152.7 229.1#
 141 50.3 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.47 ng
 RT: 13.64 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE095682.D
 Acq: 23 Feb 2018 14:31

Tgt Ion:172 Resp: 6844
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.9 44.9
 170 24.0 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.70 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180220

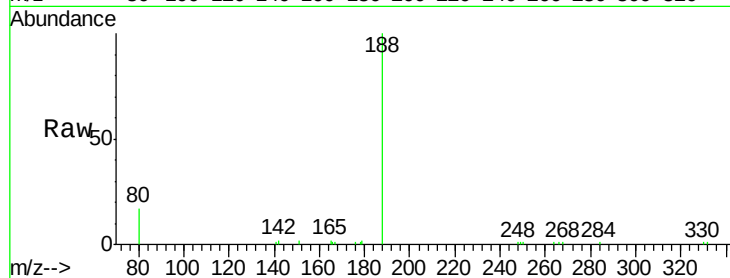
Tot Ion:188 Resp: 7311

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

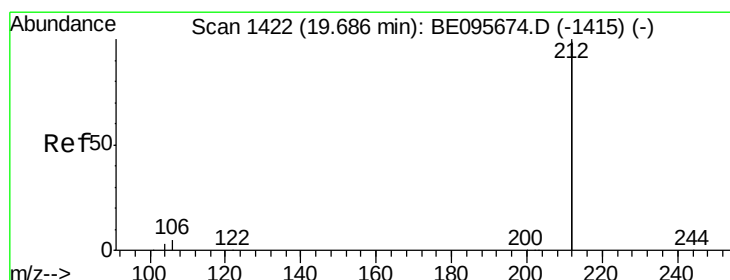
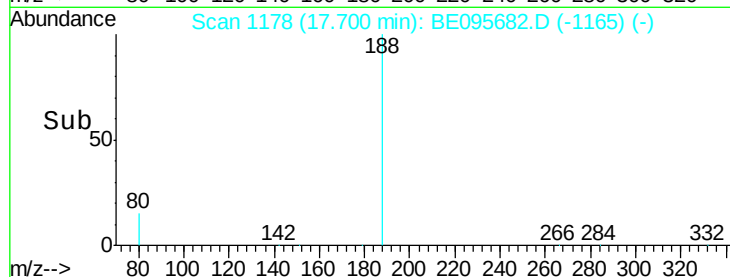
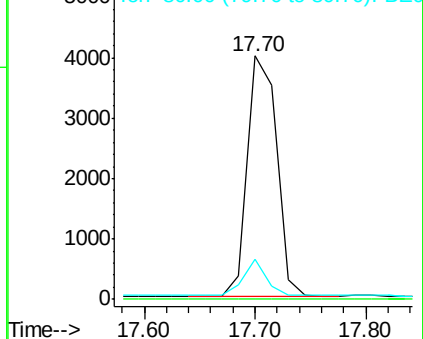
80 16.6 3.6 5.4#



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



#25

Fluoranthene-d10

Concen: 0.42 ng

RT: 19.69 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

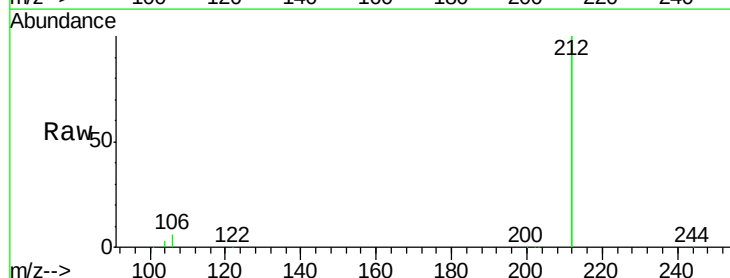
Tgt Ion:212 Resp: 40003

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

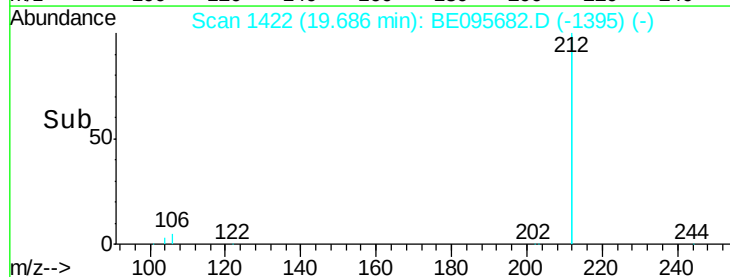
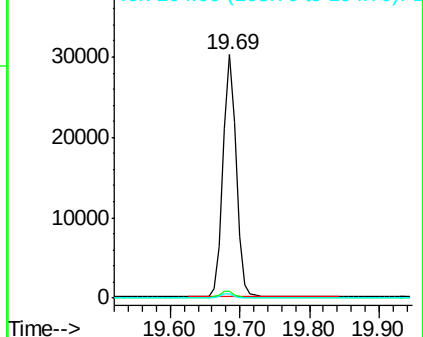
104 1.6 1.6 2.4

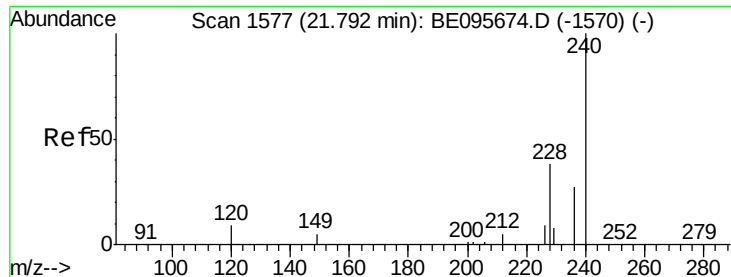


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

Instrument :

BNA_E

ClientSampleId :

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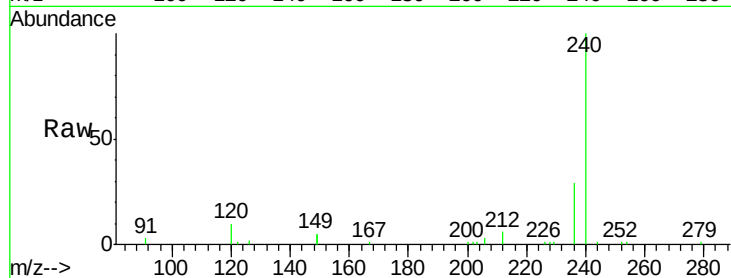
Tot Ion:240 Resp: 7411

Ion Ratio Lower Upper

240 100

120 9.7 5.5 8.3#

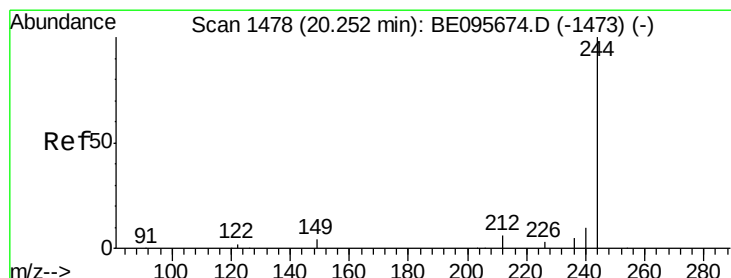
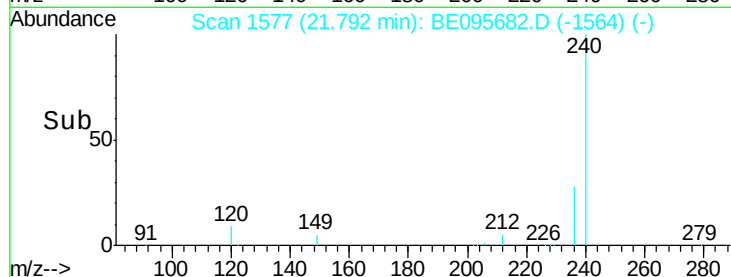
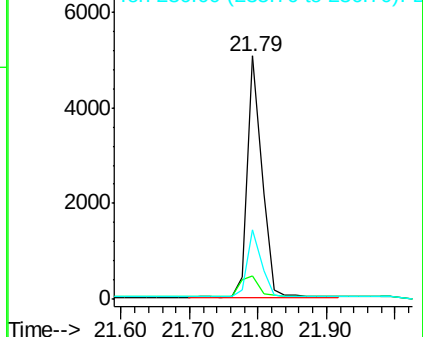
236 28.6 20.7 31.1



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: 0.50 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

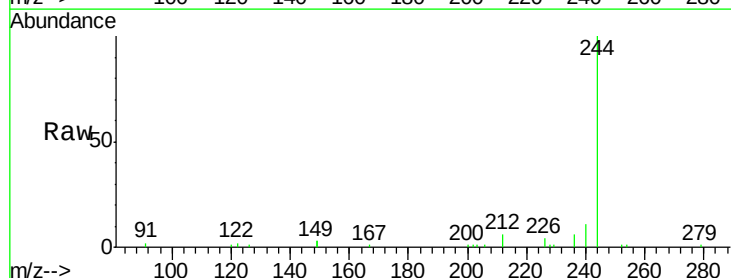
Tgt Ion:244 Resp: 7343

Ion Ratio Lower Upper

244 100

212 6.0 25.4 38.0#

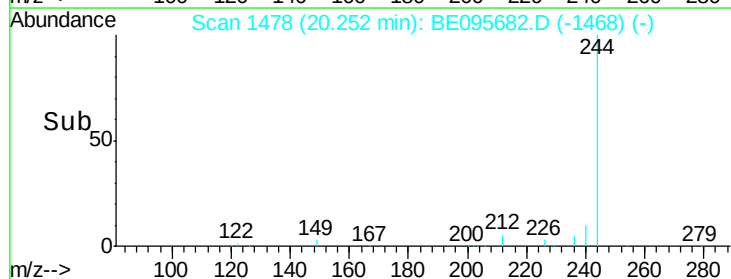
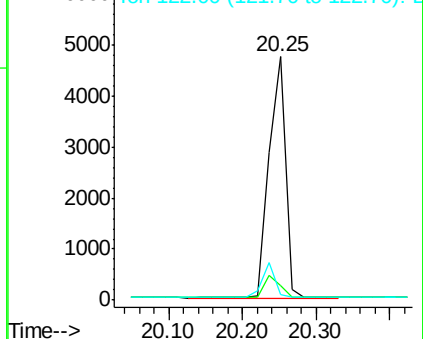
122 2.4 8.1 12.1#

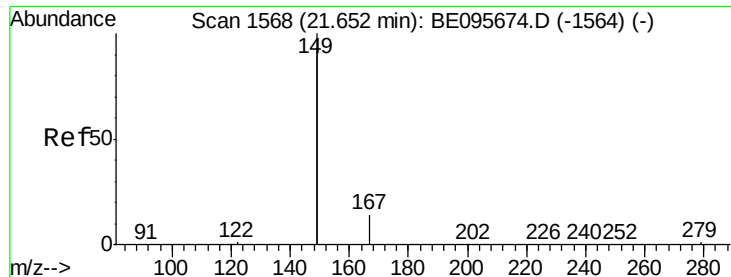


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180220

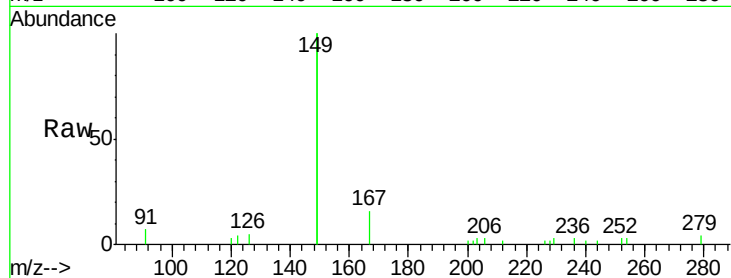
Tot Ion:149 Resp: 4811

Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

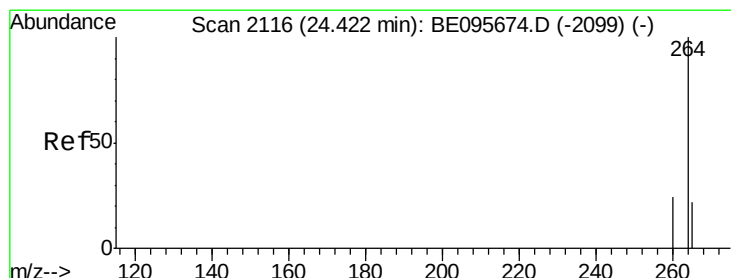
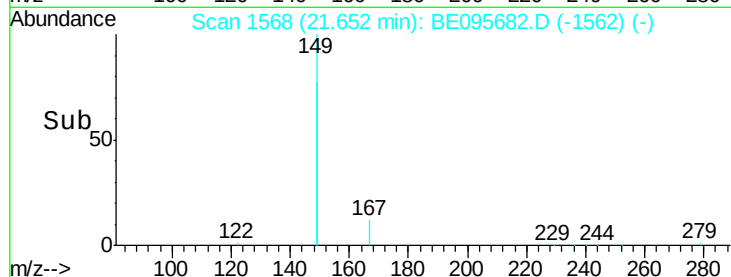
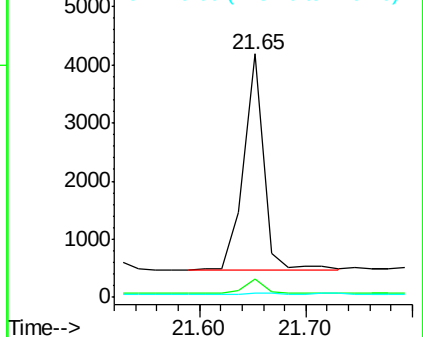
279 1.0 0.7 1.1



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: 0.40 ng

RT: 24.42 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BE095682.D

Acq: 23 Feb 2018 14:31

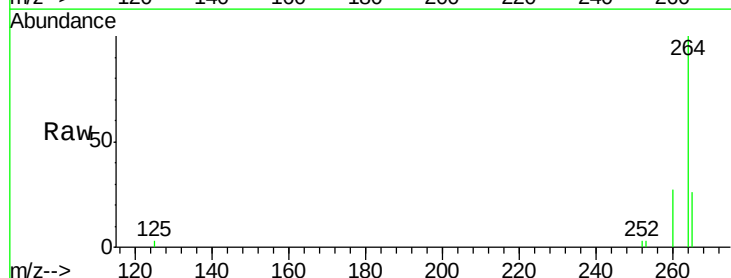
Tgt Ion:264 Resp: 6821

Ion Ratio Lower Upper

264 100

260 26.7 20.5 30.7

265 26.0 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

