

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021318\
 Data File : BE095657.D
 Acq On : 12 Feb 2018 12:31
 Operator : SJ/JU
 Sample : J1486-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180206

Quant Time: Feb 13 09:17:29 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

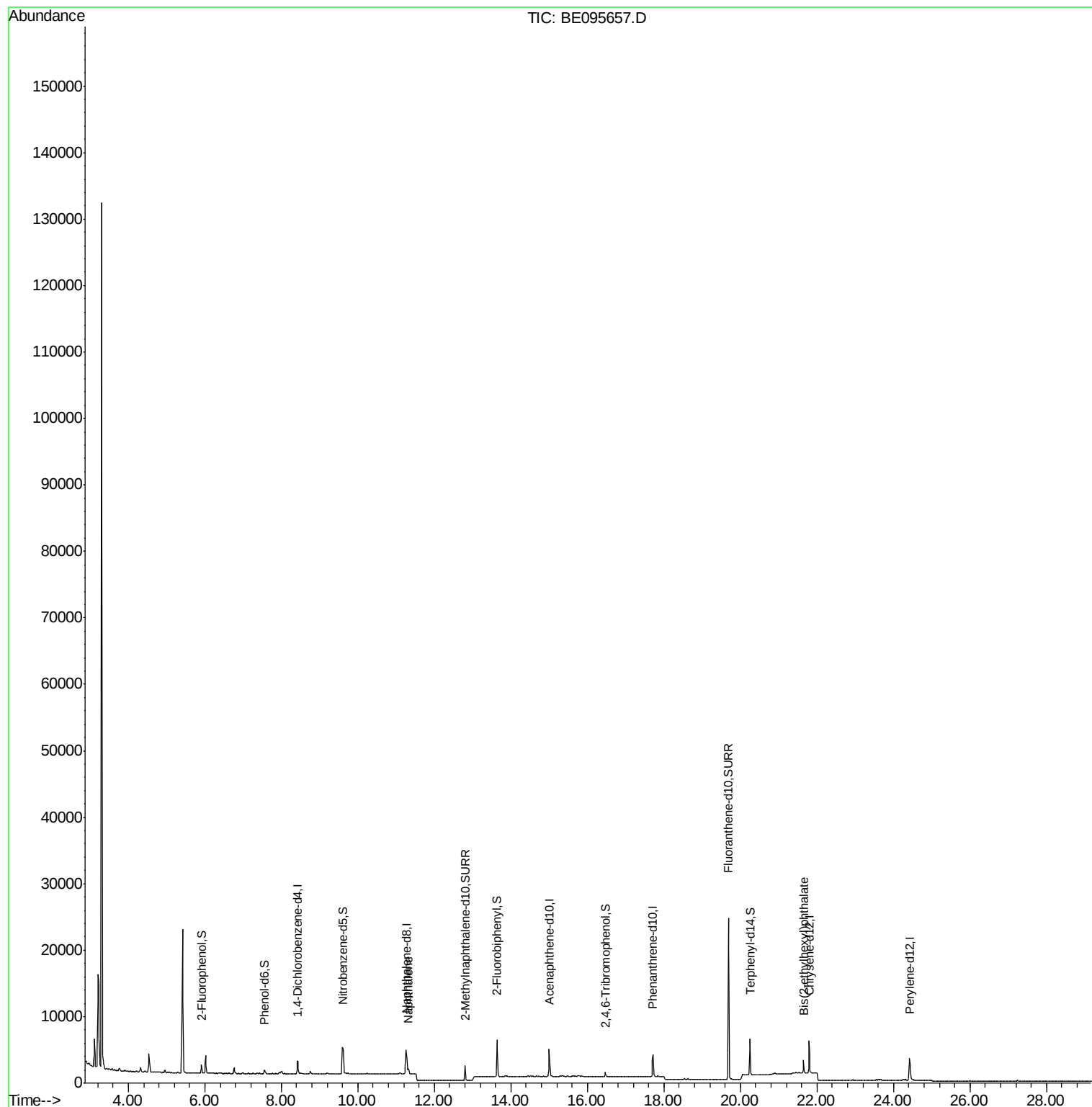
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1052	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4112	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2374	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5263	0.40	ng	0.00
27) Chrysene-d12	21.79	240	5565	0.40	ng	0.00
34) Perylene-d12	24.43	264	5232	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	634	0.20	ng	0.00
5) Phenol-d6	7.55	99	544	0.12	ng	-0.01
8) Nitrobenzene-d5	9.61	82	1898	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3063	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	414	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5574	0.54	ng	-0.02
25) Fluoranthene-d10	19.69	212	31294	0.45	ng	0.00
29) Terphenyl-d14	20.25	244	6447	0.54	ng	0.00
Target Compounds						
9) Naphthalene	11.31	128	1446	0.03	ng	Qvalue # 86
32) Bis(2-ethylhexyl)phthalate	21.65	149	2411	0.06	ng	99

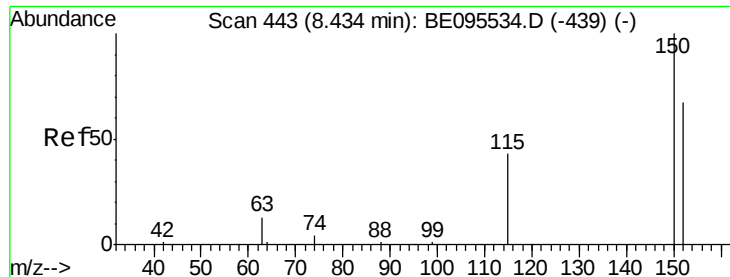
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180206

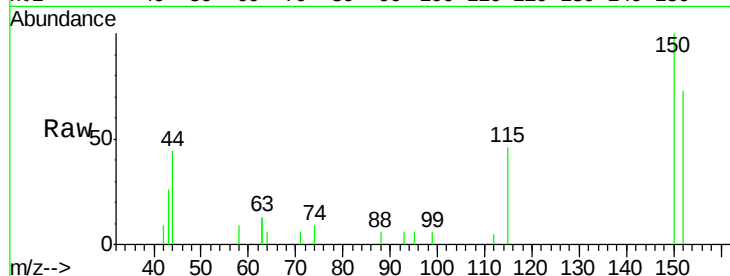
Tgt Ion:152 Resp: 1052

Ion Ratio Lower Upper

152 100

150 136.6 117.2 175.8

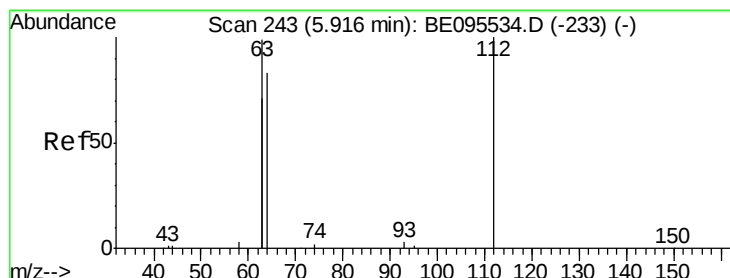
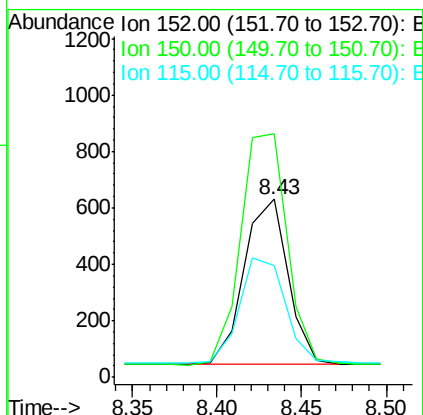
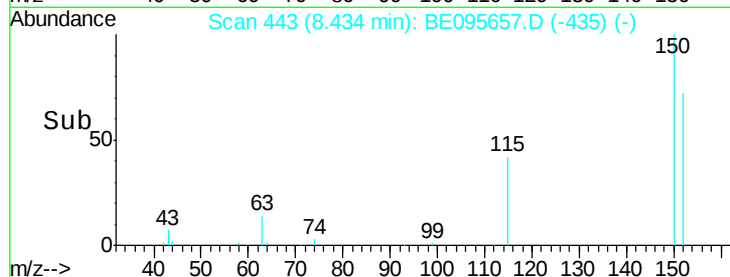
115 62.4 57.0 85.6



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: 0.20 ng

RT: 5.92 min Scan# 243

Delta R.T. -0.00 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

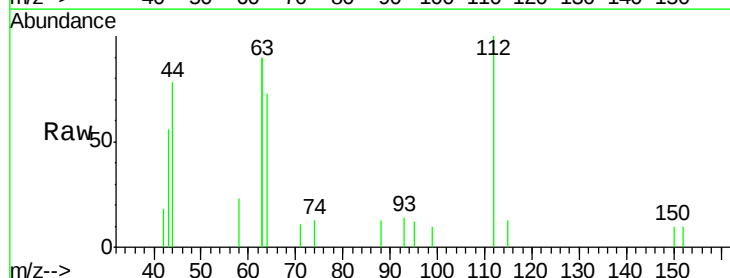
Tgt Ion:112 Resp: 634

Ion Ratio Lower Upper

112 100

64 72.6 60.1 90.1

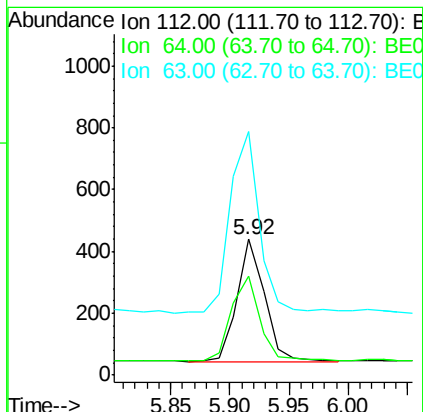
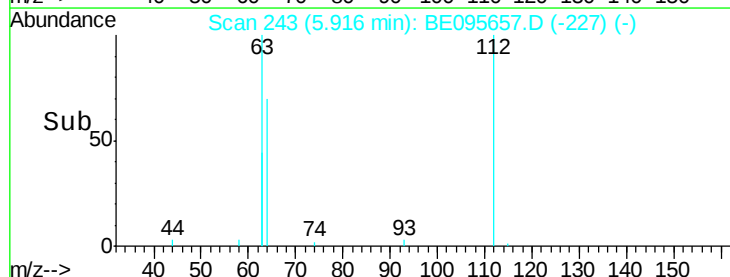
63 158.2 116.8 175.2

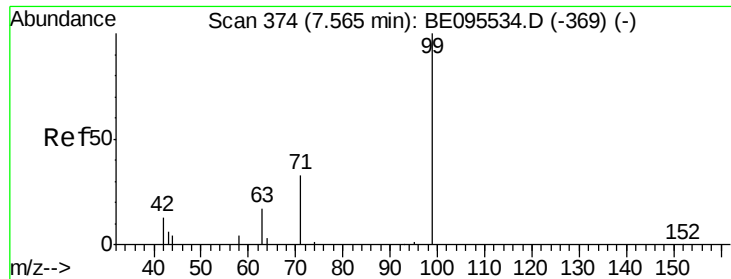


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.12 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180206

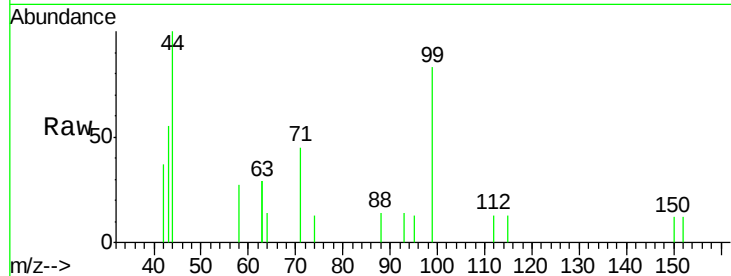
Tgt Ion: 99 Resp: 544

Ion Ratio Lower Upper

99 100

42 25.2 20.2 30.2

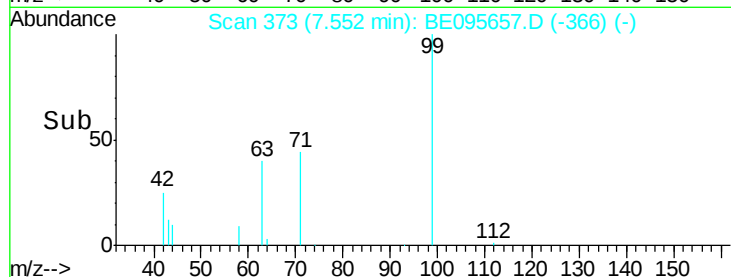
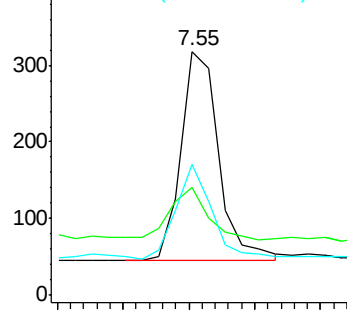
71 43.0 28.4 42.6#



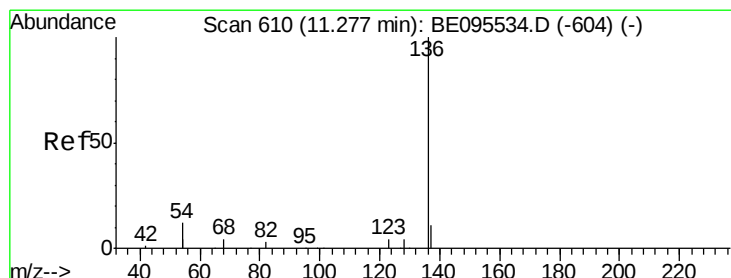
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.28 min Scan# 610

Delta R.T. 0.00 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Tgt Ion: 136 Resp: 4112

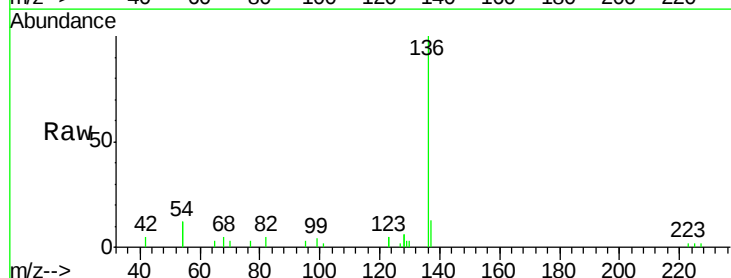
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 24.5 29.1 43.7#

68 5.5 6.2 9.2#

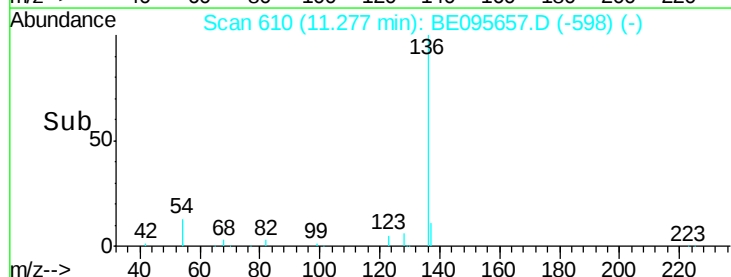
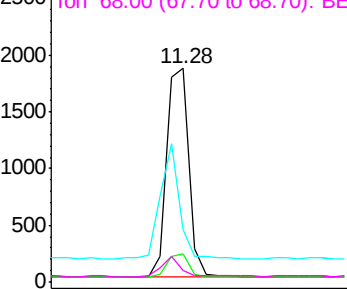


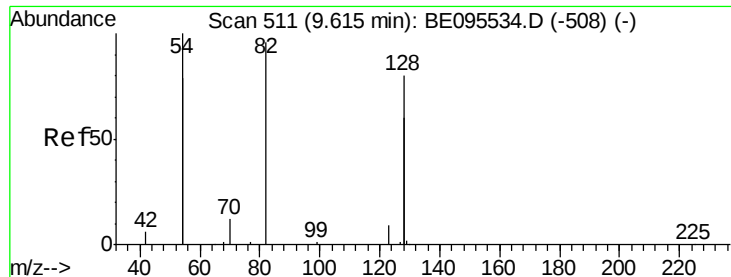
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.44 ng

RT: 9.61 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180206

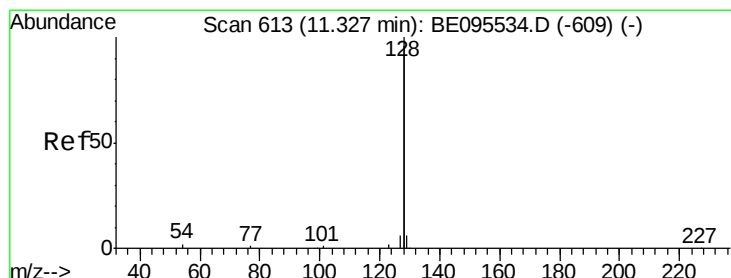
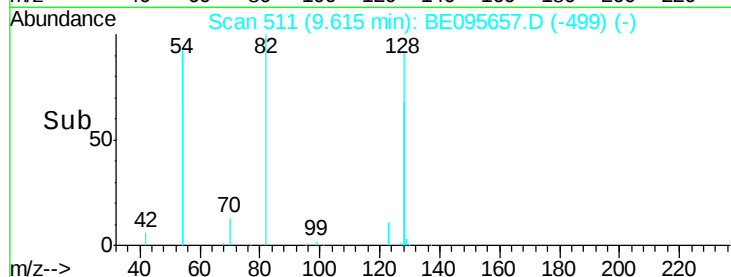
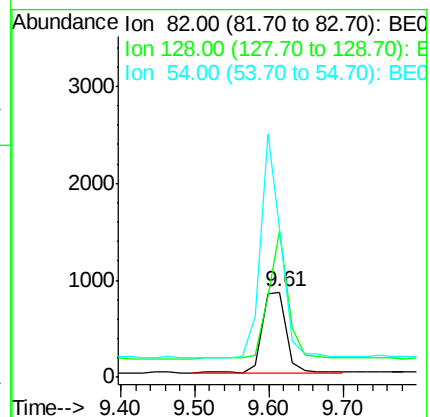
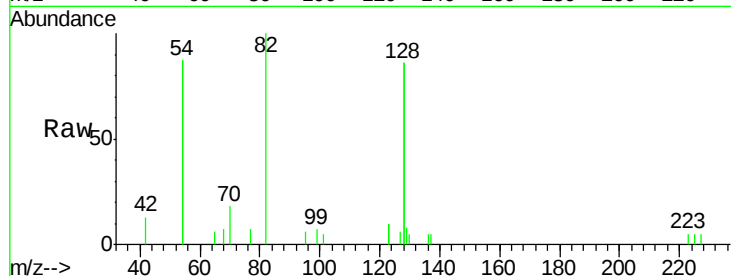
Tgt Ion: 82 Resp: 1898

Ion Ratio Lower Upper

82 100

128 171.4 150.0 225.0

54 174.4 154.2 231.4



#9

Naphthalene

Concen: 0.03 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

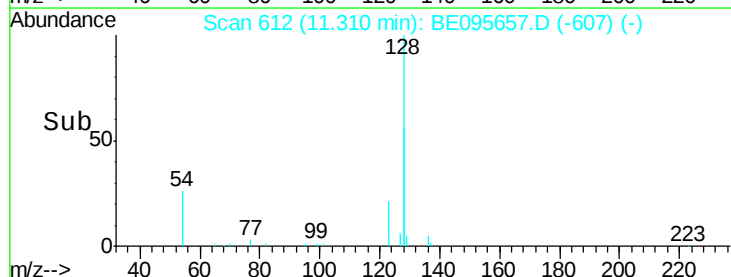
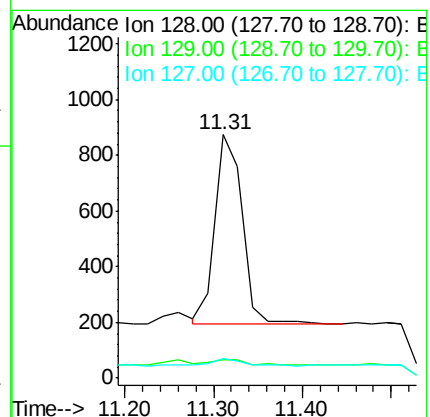
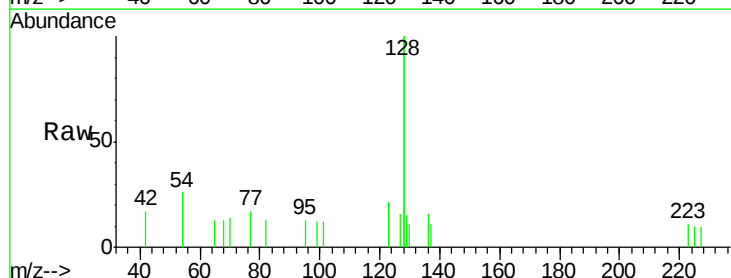
Tgt Ion: 128 Resp: 1446

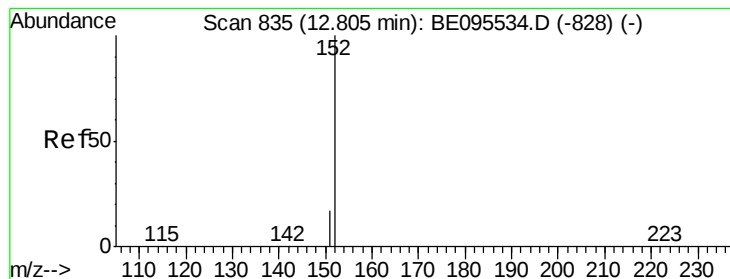
Ion Ratio Lower Upper

128 100

129 7.7 2.6 3.8#

127 8.2 2.8 4.2#





#11

2-Methylnaphthalene-d10

Concen: 0.45 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

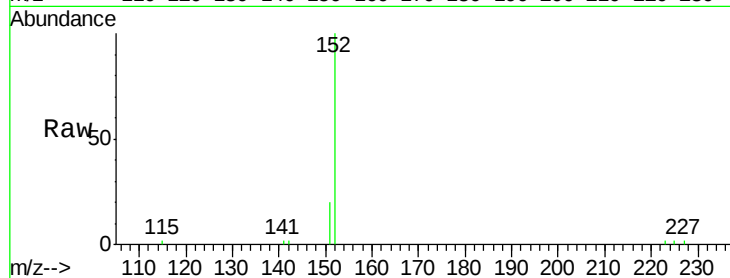
OUTFALL001-180206

Tgt Ion:152 Resp: 3063

Ion Ratio Lower Upper

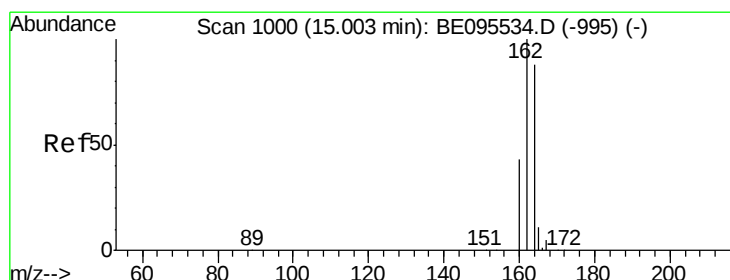
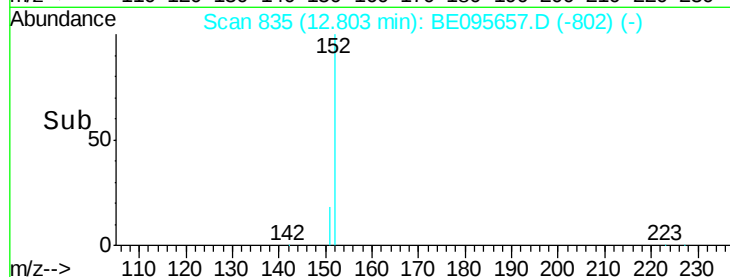
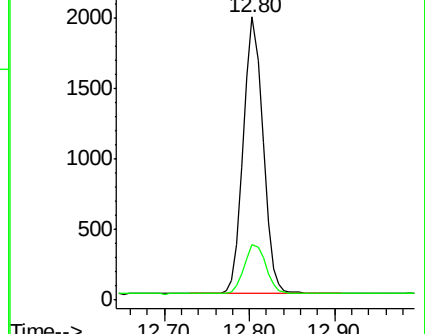
152 100

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



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

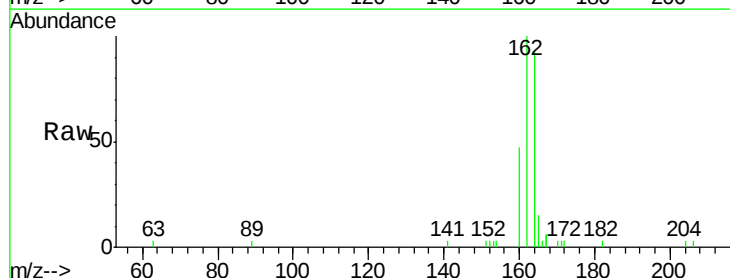
Tgt Ion:164 Resp: 2374

Ion Ratio Lower Upper

164 100

162 107.5 83.1 124.7

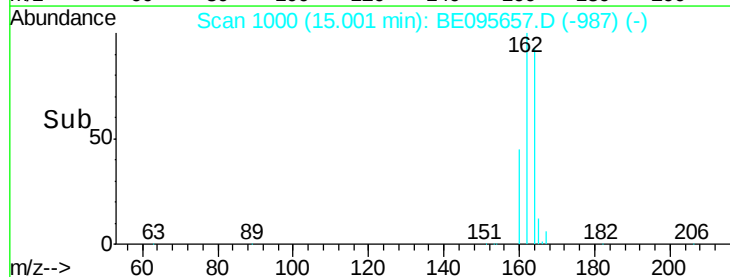
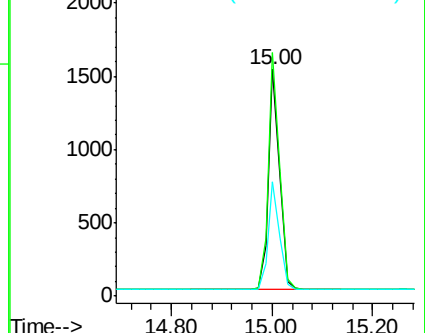
160 50.4 37.1 55.7

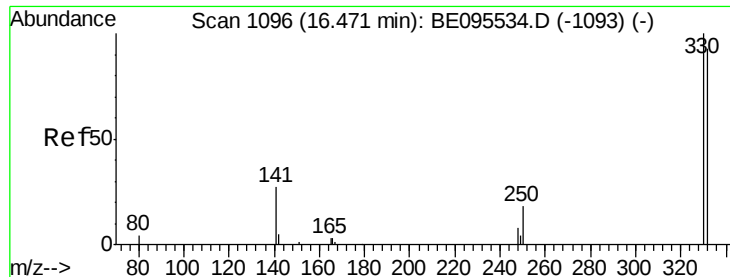


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

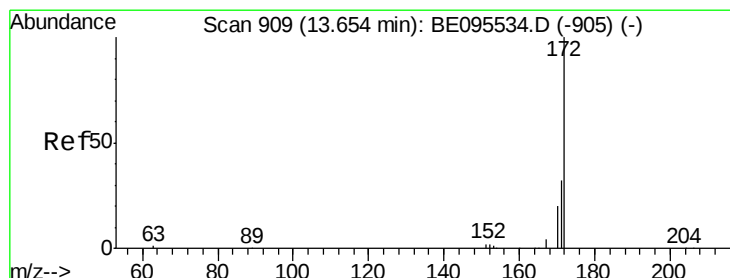
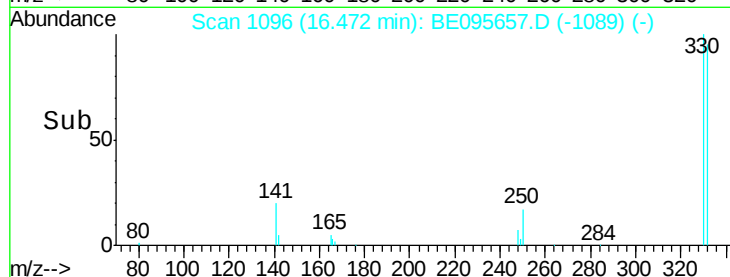
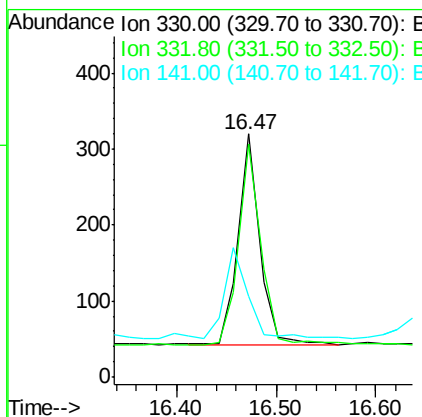
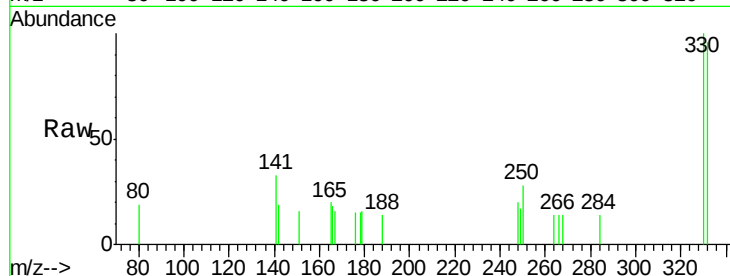




#14
 2,4,6-Tribromophenol
 Concen: 0.38 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095657.D
 Acq: 12 Feb 2018 12:31

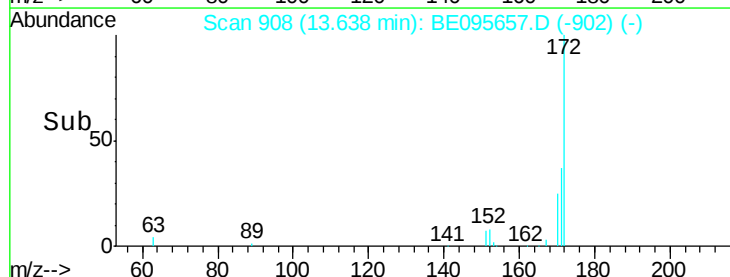
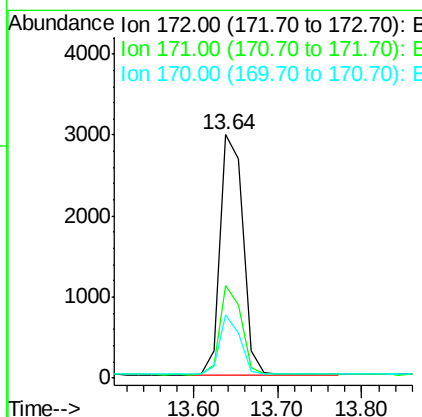
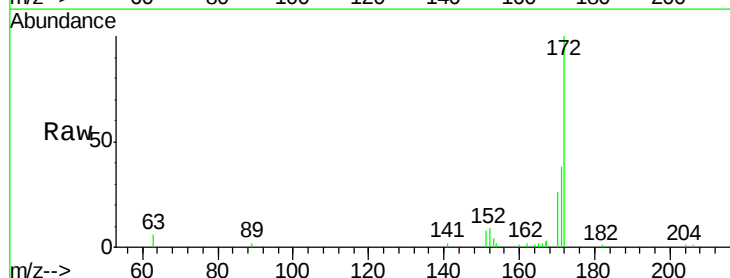
Instrument :
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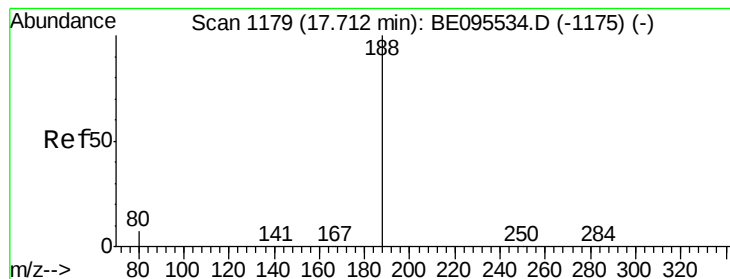
Tgt Ion:330 Resp: 414
 Ion Ratio Lower Upper
 330 100
 332 100.7 152.7 229.1#
 141 46.9 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.54 ng
 RT: 13.64 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BE095657.D
 Acq: 12 Feb 2018 12:31

Tgt Ion:172 Resp: 5574
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.9 44.9
 170 26.0 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180206

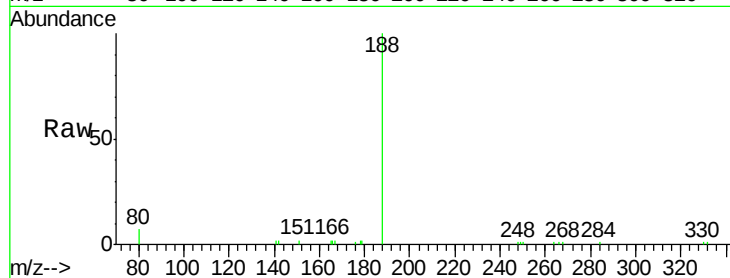
Tgt Ion:188 Resp: 5263

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

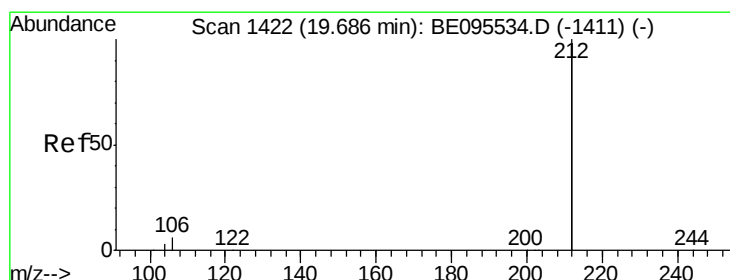
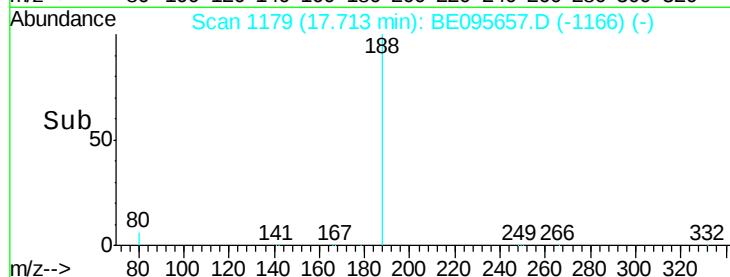
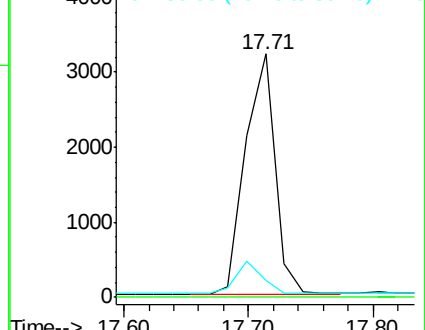
80 7.2 3.6 5.4#



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



#25

Fluoranthene-d10

Concen: 0.45 ng

RT: 19.69 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

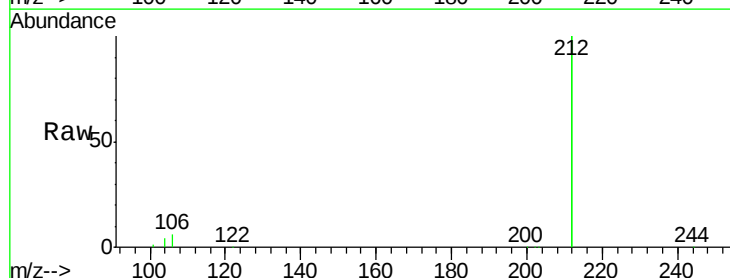
Tgt Ion:212 Resp: 31294

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

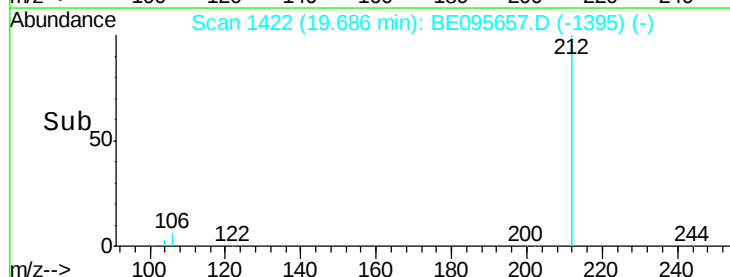
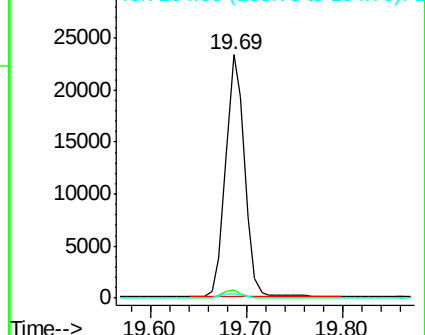
104 1.8 1.6 2.4

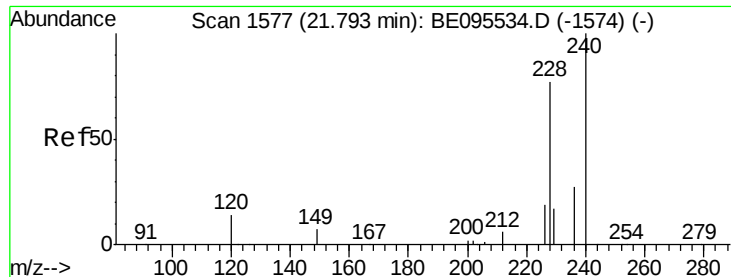


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

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OUTFALL001-180206

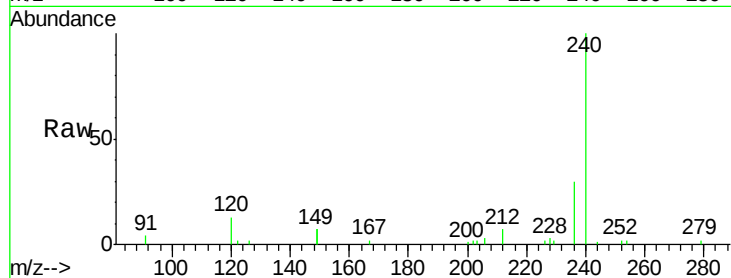
Tgt Ion:240 Resp: 5565

Ion Ratio Lower Upper

240 100

120 13.3 5.5 8.3#

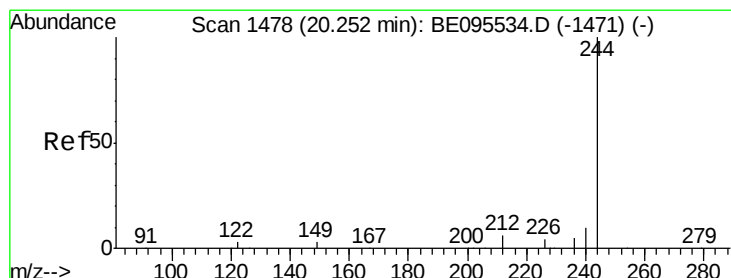
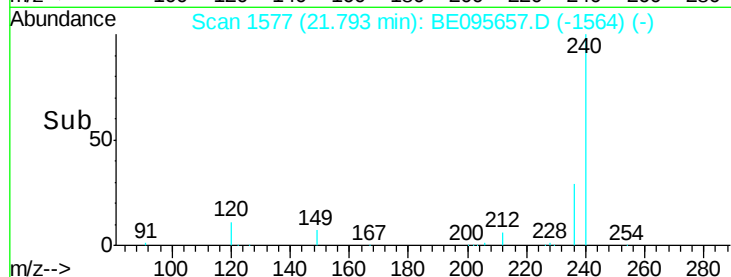
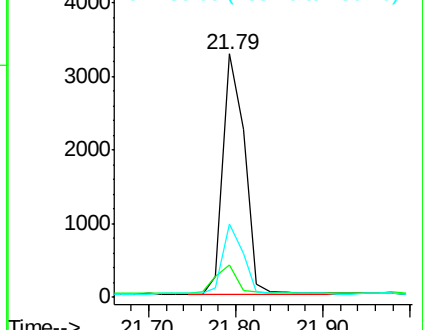
236 30.1 20.7 31.1



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: 0.54 ng

RT: 20.25 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

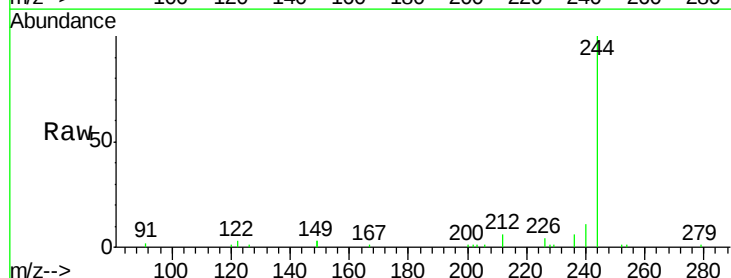
Tgt Ion:244 Resp: 6447

Ion Ratio Lower Upper

244 100

212 6.5 25.4 38.0#

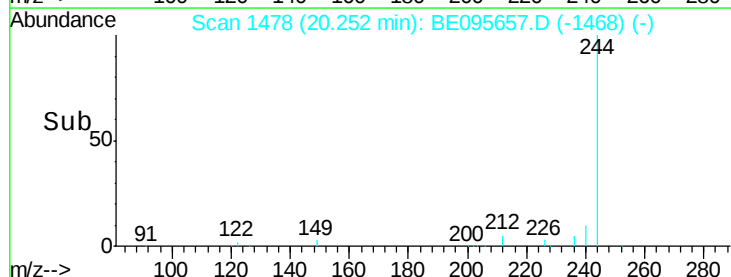
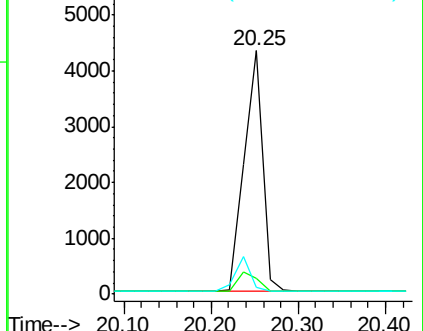
122 3.0 8.1 12.1#

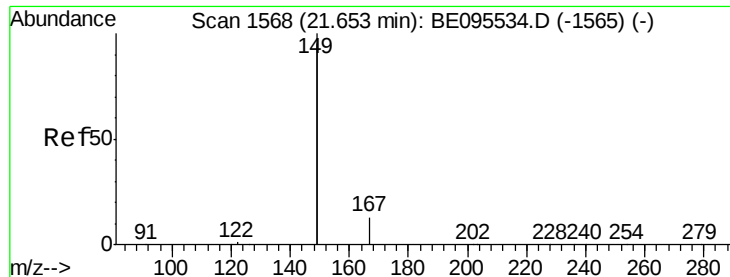


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

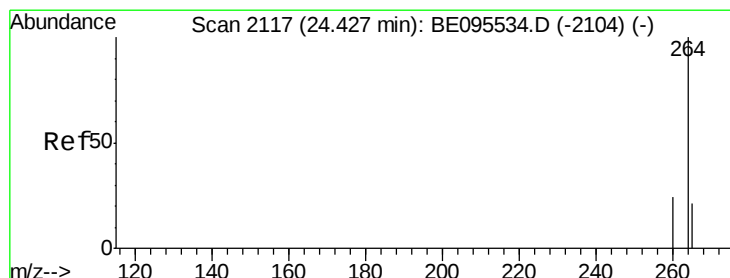
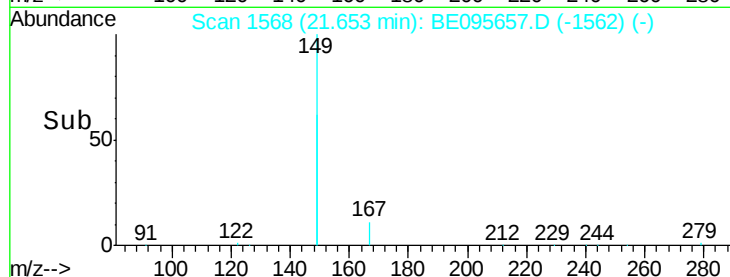
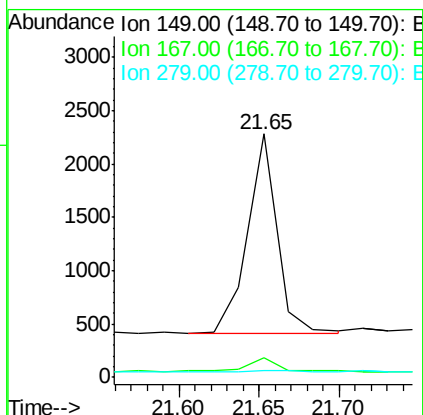
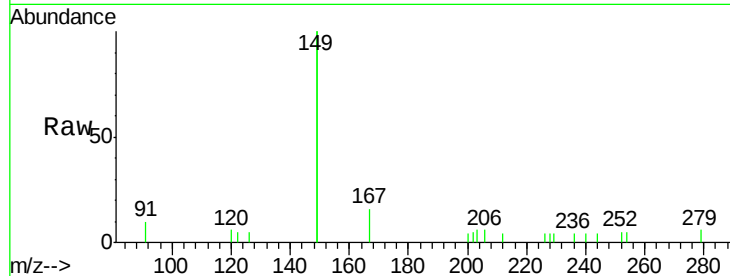




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 21.65 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BE095657.D
 Acq: 12 Feb 2018 12:31

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180206

Tgt Ion:149 Resp: 2411
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.4 8.0
 279 1.0 0.7 1.1



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BE095657.D
 Acq: 12 Feb 2018 12:31

Tgt Ion:264 Resp: 5232
 Ion Ratio Lower Upper
 264 100
 260 27.8 20.5 30.7
 265 27.9 22.8 34.2

