

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
 Data File : BE094910.D
 Acq On : 1 Dec 2017 18:13
 Operator : SJ/JU
 Sample : I6600-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-171121

Quant Time: Dec 02 00:36:33 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

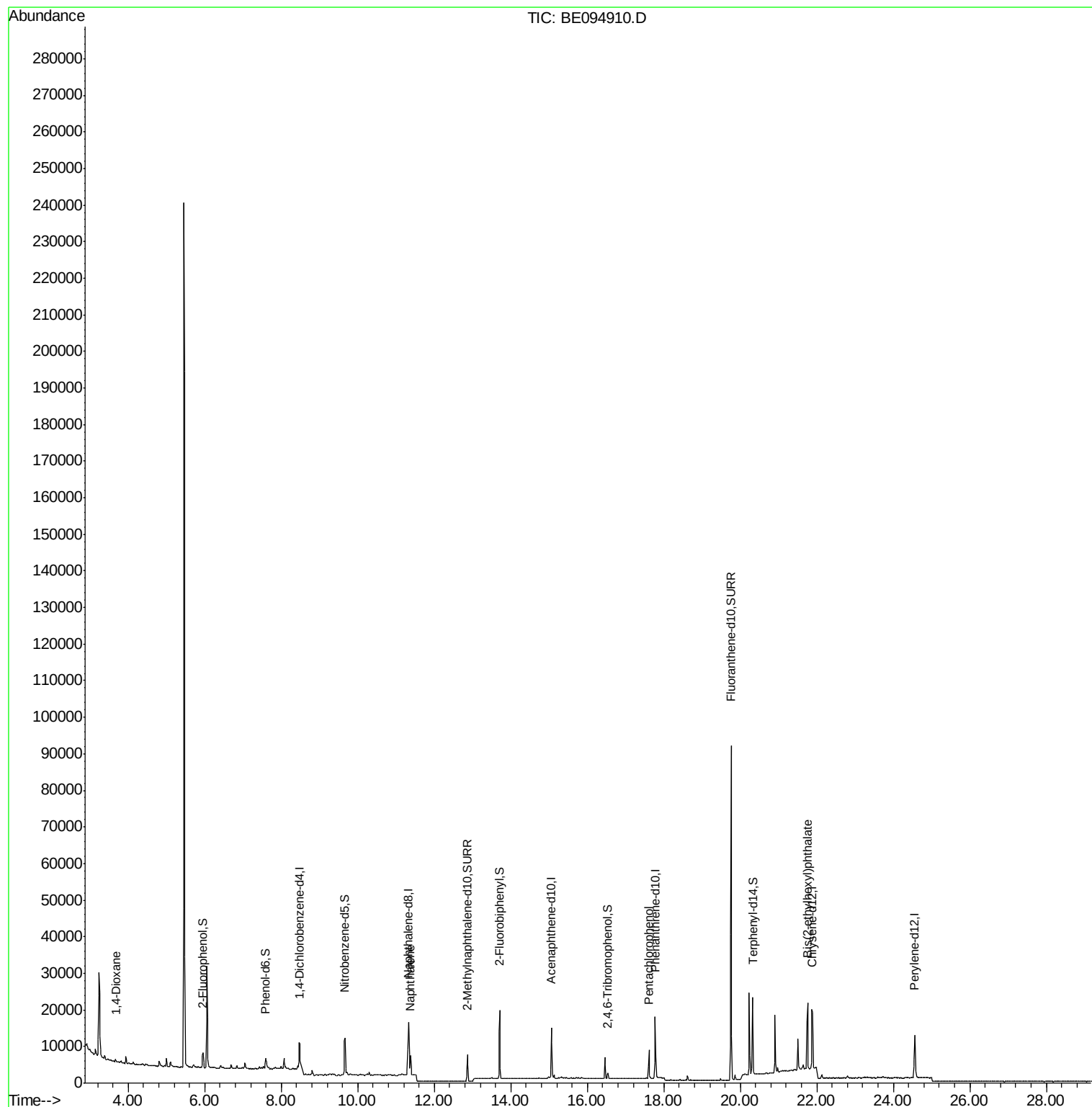
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	7173	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	15384	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	8629	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	21123	0.40	ng	0.00
27) Chrysene-d12	21.88	240	23598	0.40	ng	0.00
34) Perylene-d12	24.56	264	18429	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	2100	0.18	ng	0.00
5) Phenol-d6	7.59	99	1832	0.11	ng	0.00
8) Nitrobenzene-d5	9.66	82	4679	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9921	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	792	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	17986	0.49	ng	0.00
25) Fluoranthene-d10	19.76	212	122431	0.42	ng	0.00
29) Terphenyl-d14	20.33	244	26410	0.61	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.68	88	533	0.07	ng	# 1
9) Naphthalene	11.38	128	8250	0.05	ng	# 98
22) Pentachlorophenol	17.61	266	1561	0.54	ng	# 37
32) Bis(2-ethylhexyl)phthalate	21.76	149	27970	0.23	ng	99

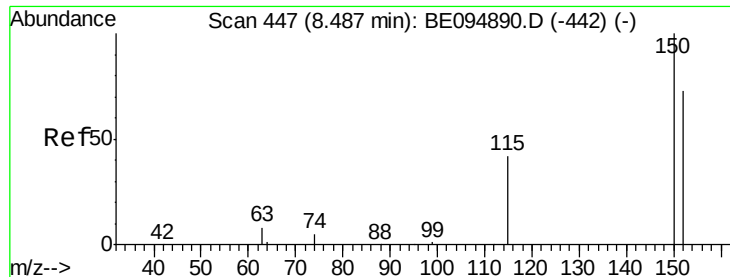
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 01 13:33:28 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.48 min Scan# 447

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171121

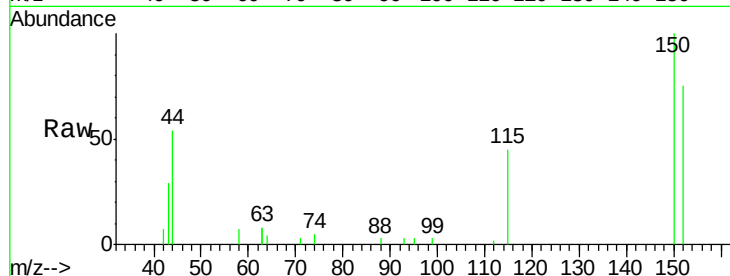
Tot Ion:152 Resp: 7173

Ion Ratio Lower Upper

152 100

150 133.1 117.2 175.8

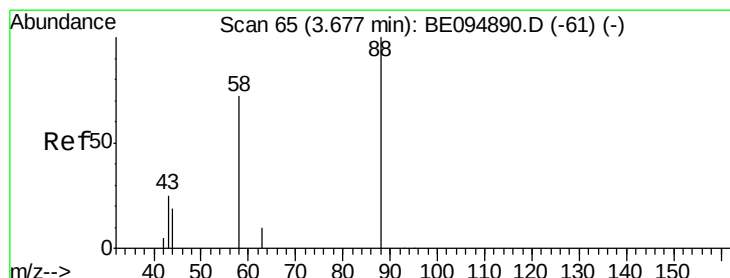
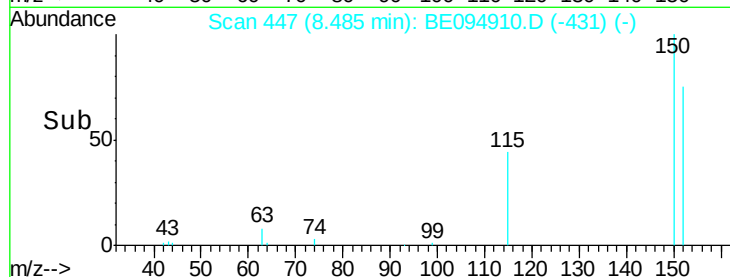
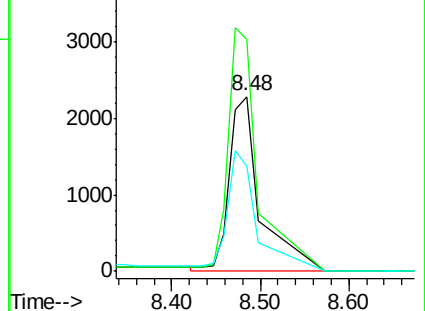
115 60.2 57.0 85.6



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: 0.07 ng

RT: 3.68 min Scan# 65

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

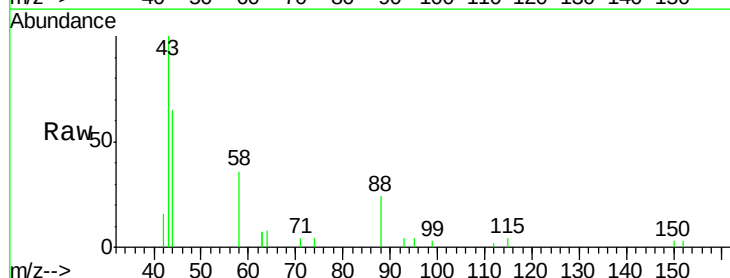
Tgt Ion: 88 Resp: 533

Ion Ratio Lower Upper

88 100

58 130.0 63.2 94.8#

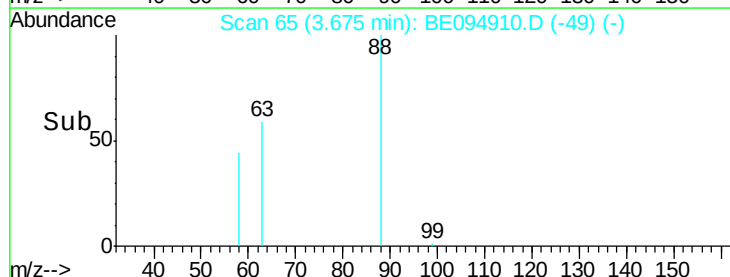
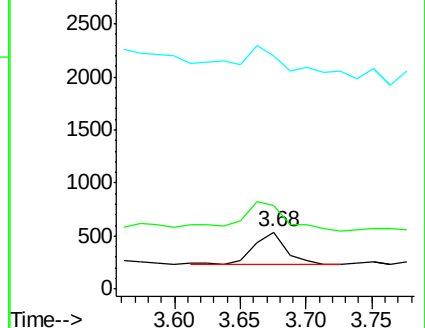
43 203.6 41.2 61.8#

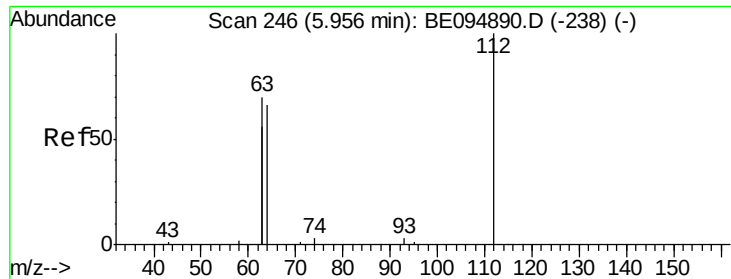


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.18 ng

RT: 5.95 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171121

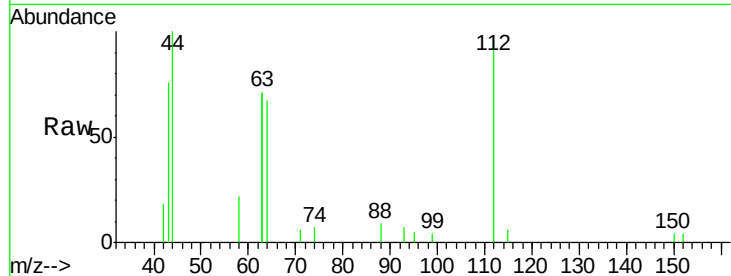
Tot Ion: 112 Resp: 2100

Ion Ratio Lower Upper

112 100

64 74.3 60.1 90.1

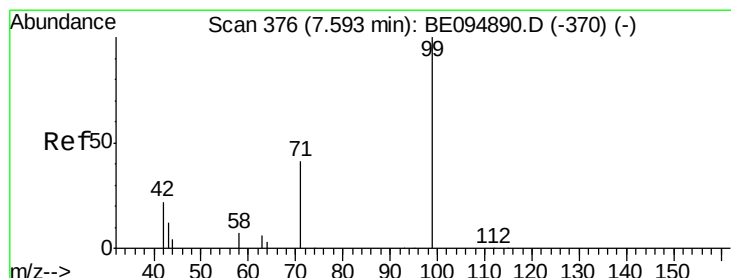
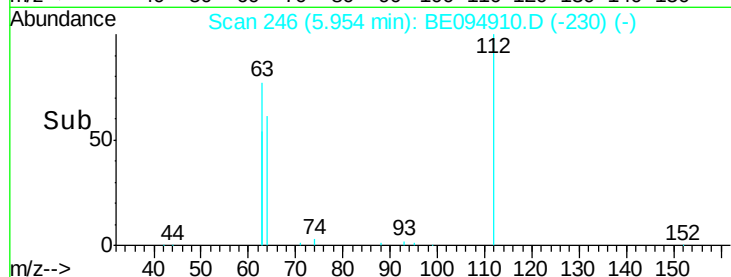
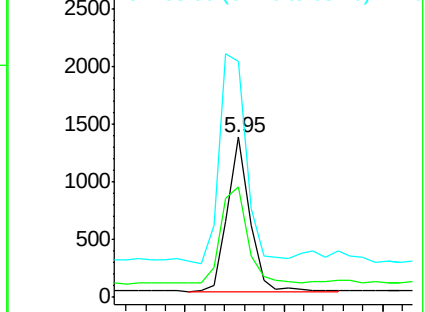
63 157.2 116.8 175.2



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: 0.11 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

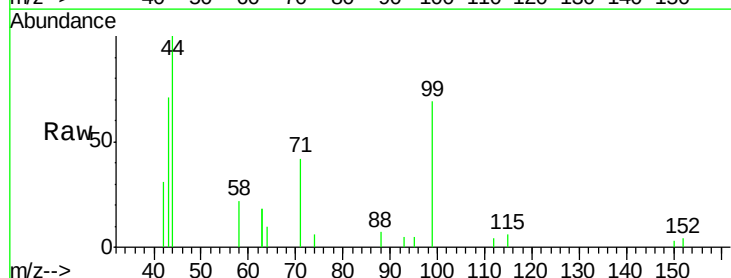
Tgt Ion: 99 Resp: 1832

Ion Ratio Lower Upper

99 100

42 37.0 20.2 30.2#

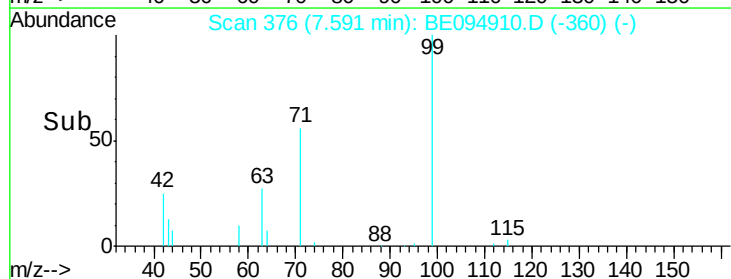
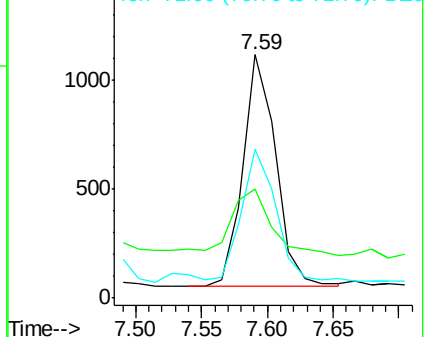
71 61.0 28.4 42.6#

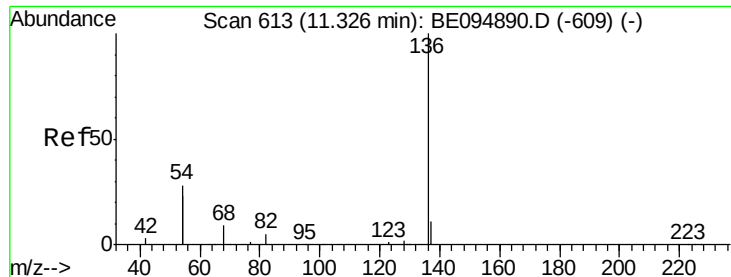


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171121

Tot Ion:136 Resp: 15384

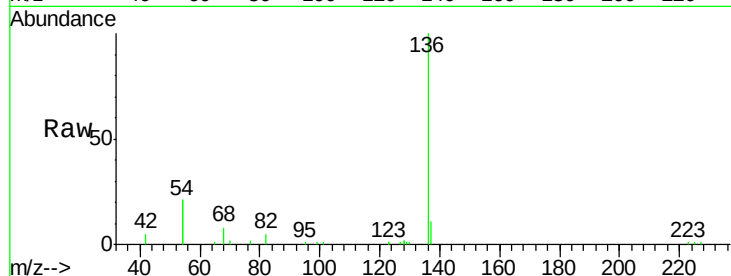
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 42.9 29.1 43.7

68 7.8 6.2 9.2

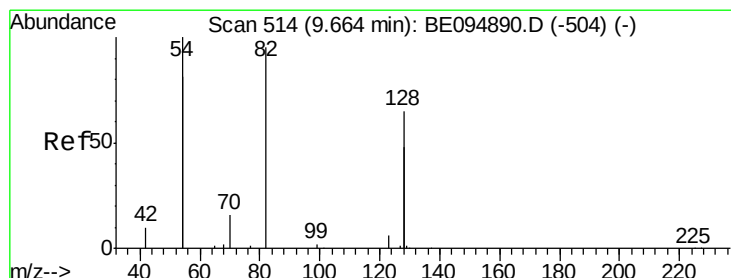
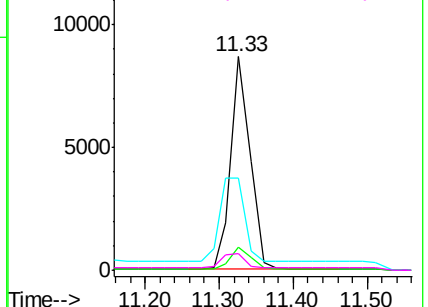
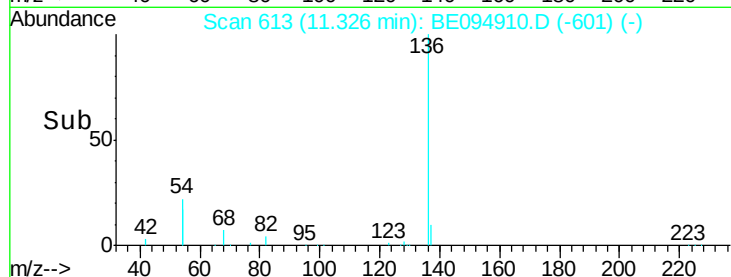


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.51 ng

RT: 9.66 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

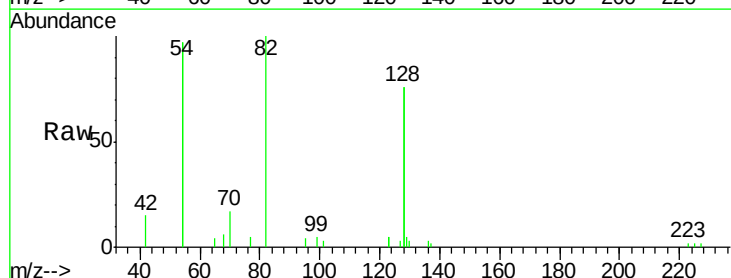
Tgt Ion: 82 Resp: 4679

Ion Ratio Lower Upper

82 100

128 152.5 150.0 225.0

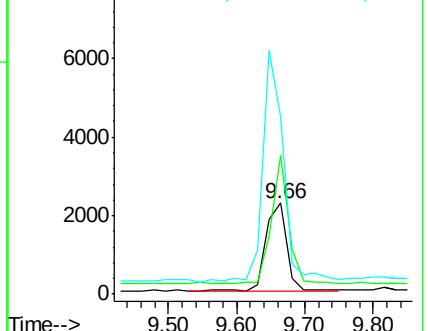
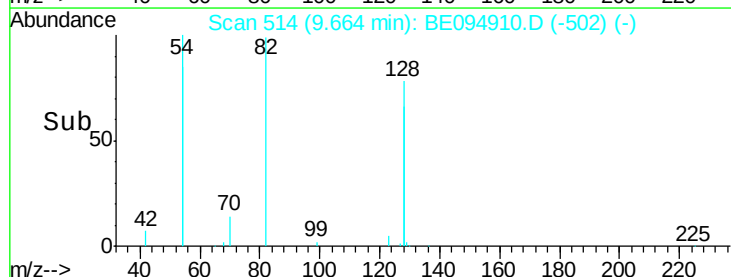
54 194.7 154.2 231.4

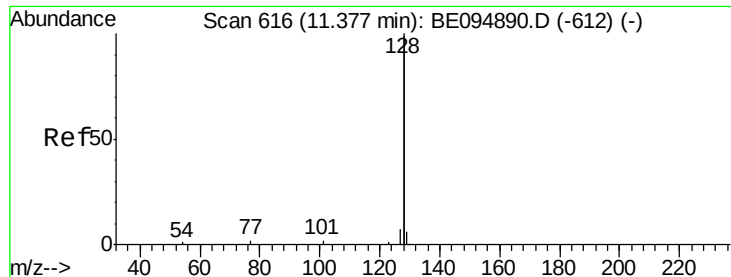


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.05 ng

RT: 11.38 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171121

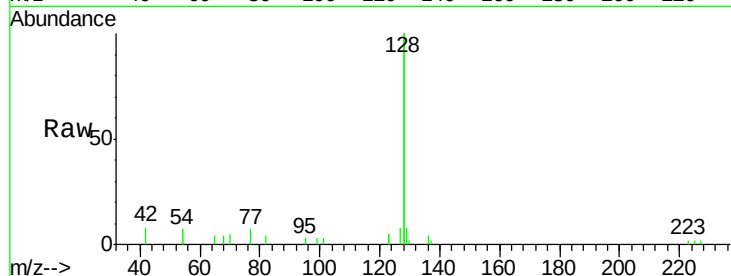
Tot Ion:128 Resp: 8250

Ion Ratio Lower Upper

128 100

129 4.0 2.6 3.8#

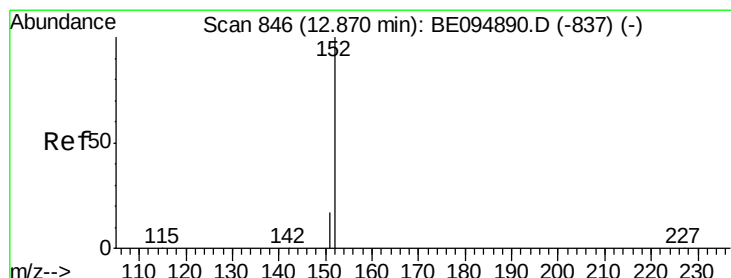
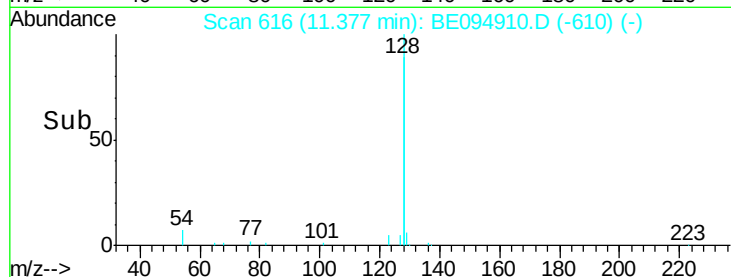
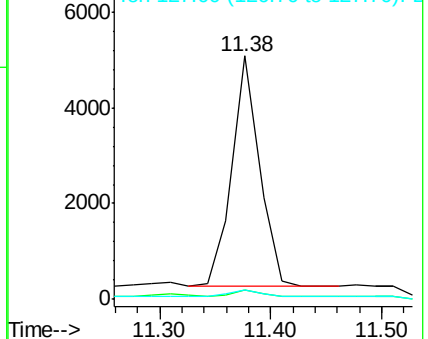
127 4.0 2.8 4.2



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: 0.40 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094910.D

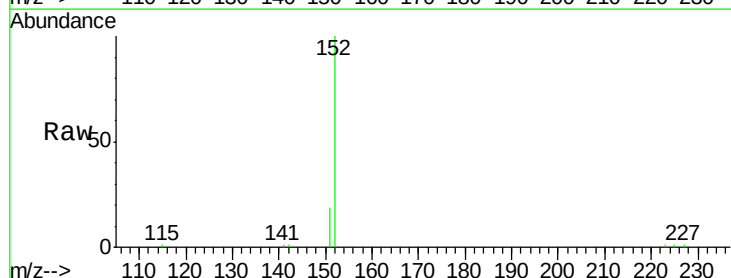
Acq: 1 Dec 2017 18:13

Tgt Ion:152 Resp: 9921

Ion Ratio Lower Upper

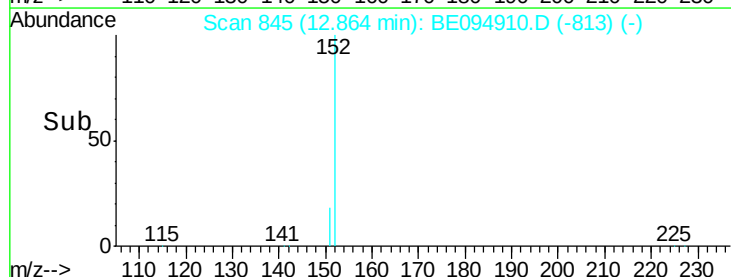
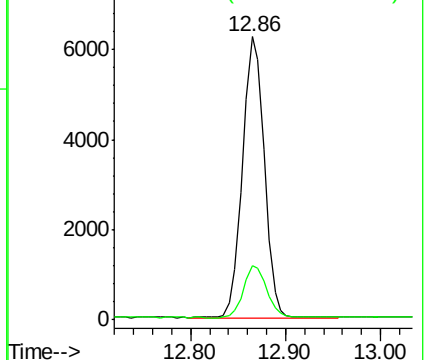
152 100

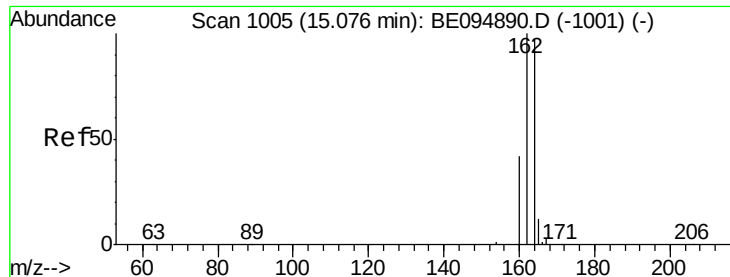
151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171121

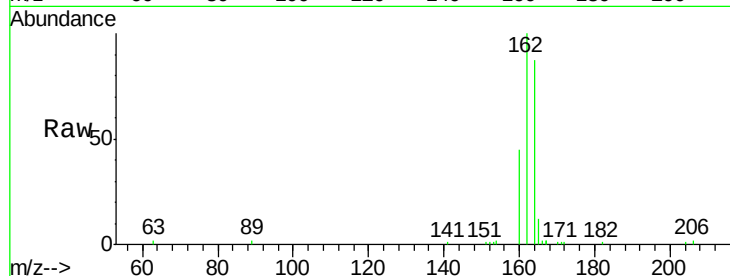
Tot Ion:164 Resp: 8629

Ion Ratio Lower Upper

164 100

162 114.4 83.1 124.7

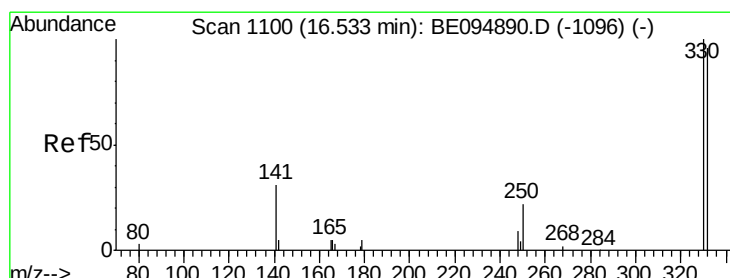
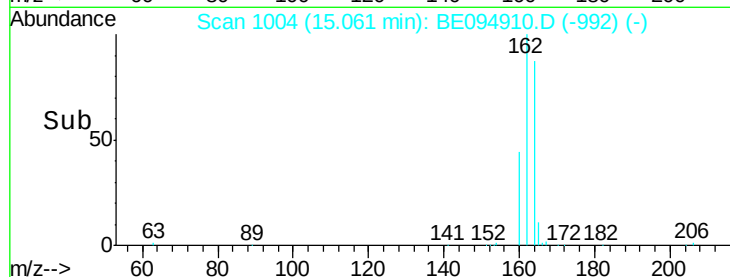
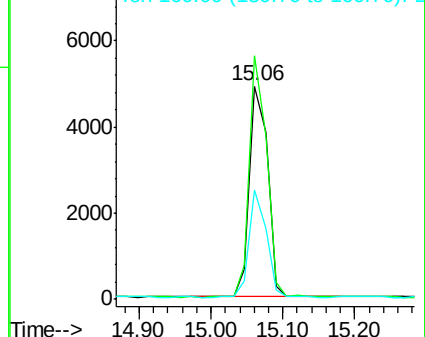
160 51.5 37.1 55.7



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: 0.44 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

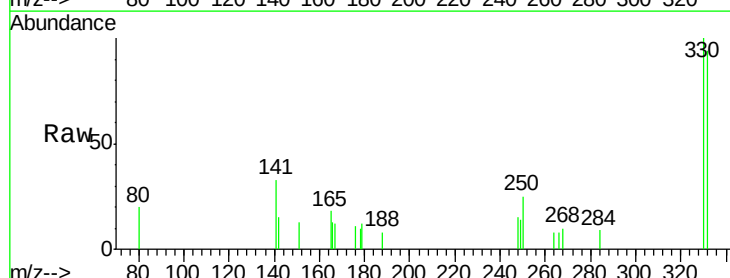
Tgt Ion:330 Resp: 792

Ion Ratio Lower Upper

330 100

332 95.6 152.7 229.1#

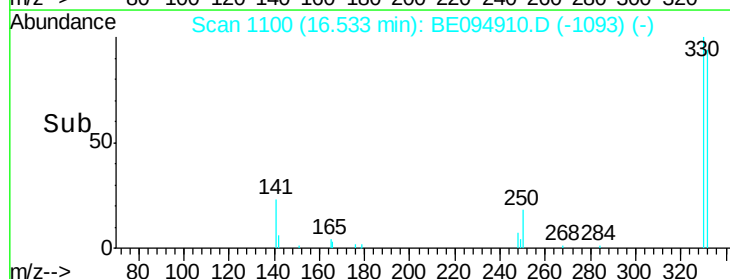
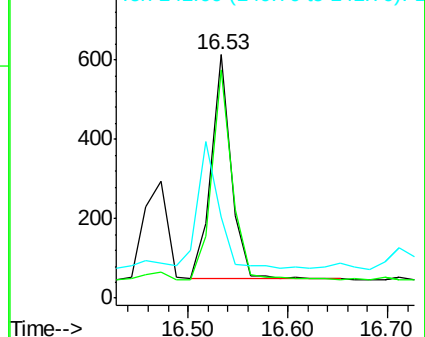
141 63.3 33.7 50.5#

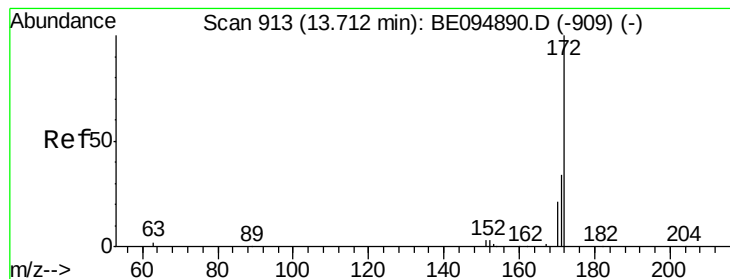


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.49 ng

RT: 13.71 min Scan# 913

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

Instrument :

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ClientSampleId :

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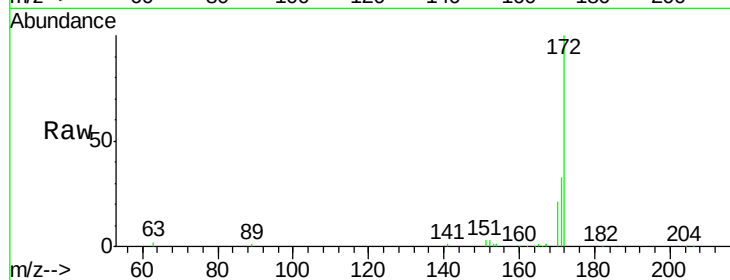
Tot Ion:172 Resp: 17986

Ion Ratio Lower Upper

172 100

171 33.2 29.9 44.9

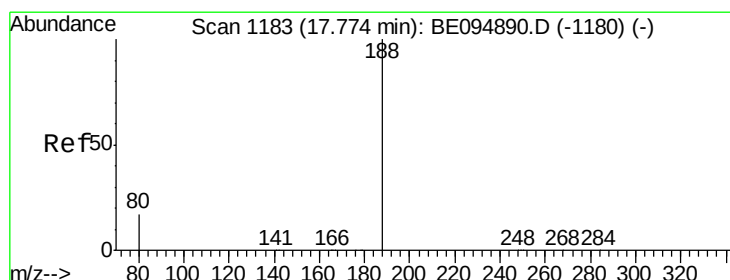
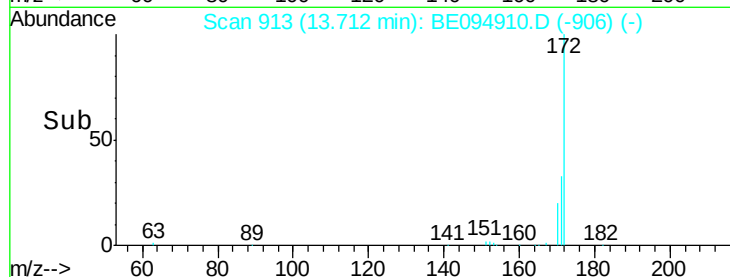
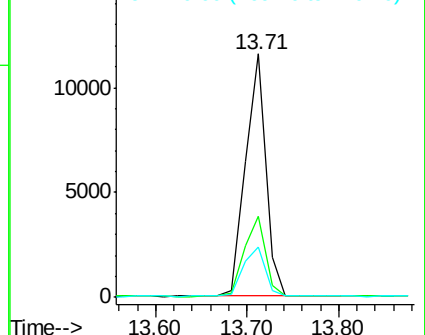
170 20.6 21.8 32.8#



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: 0.40 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

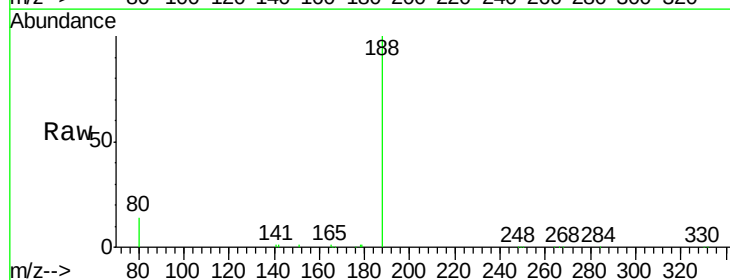
Tgt Ion:188 Resp: 21123

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

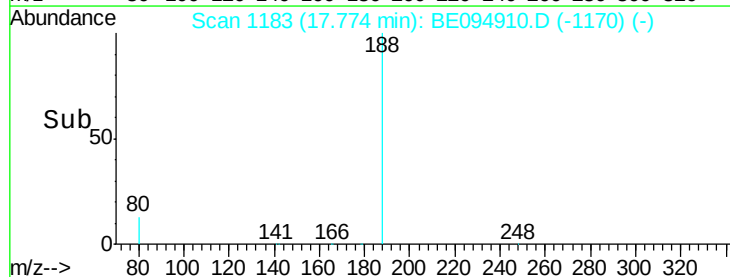
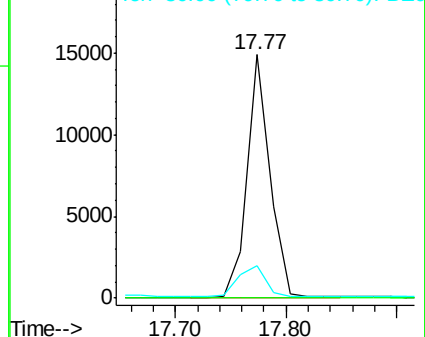
80 13.5 3.6 5.4#

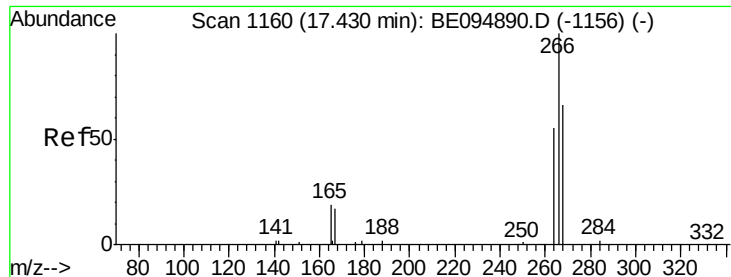


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.54 ng

RT: 17.61 min Scan# 1172

Delta R.T. 0.18 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

Instrument :

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OUTFALL001-171121

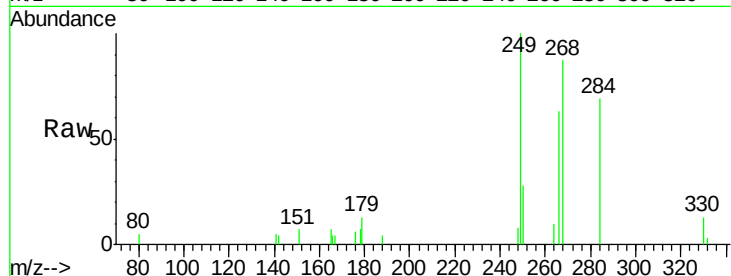
Tot Ion:266 Resp: 1561

Ion Ratio Lower Upper

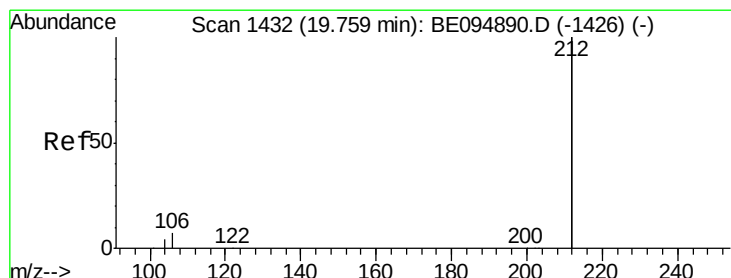
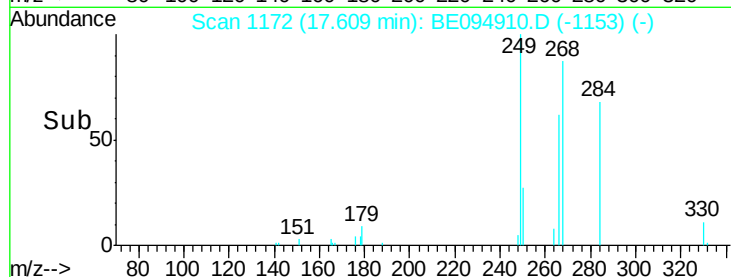
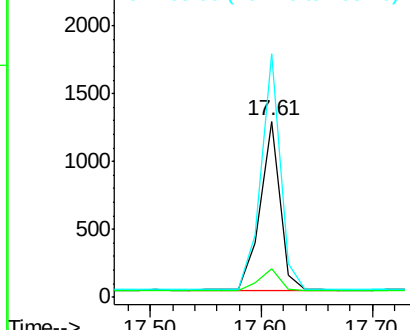
266 100

264 16.2 72.5 108.7#

268 138.5 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



#25

Fluoranthene-d10

Concen: 0.42 ng

RT: 19.76 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

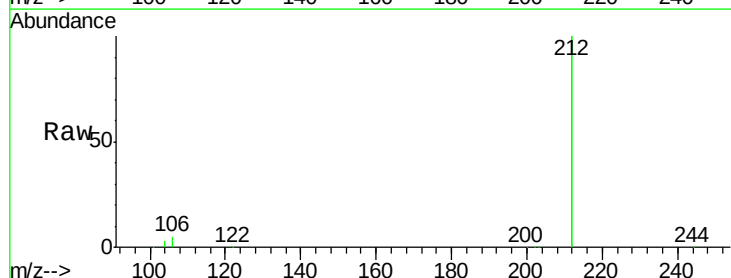
Tgt Ion:212 Resp: 122431

Ion Ratio Lower Upper

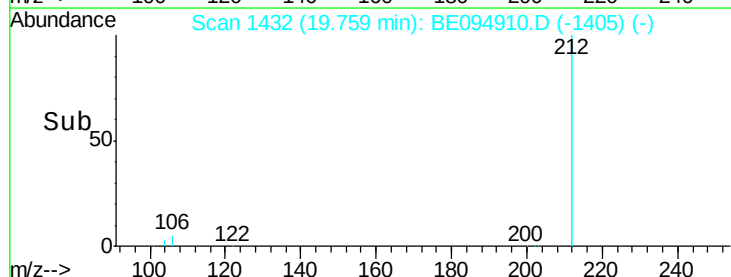
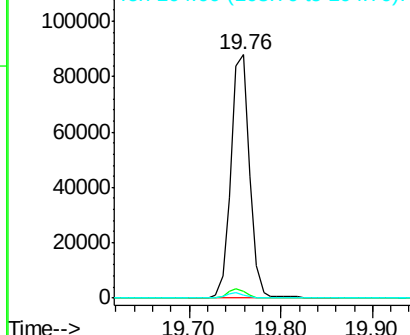
212 100

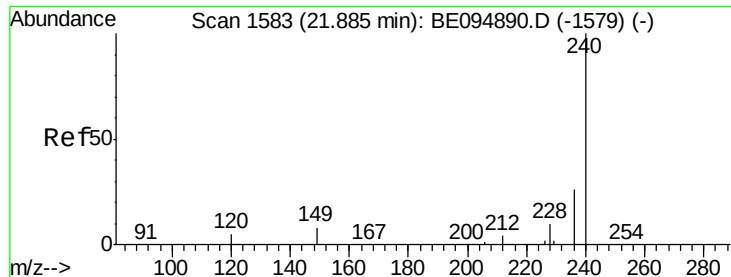
106 3.5 2.8 4.2

104 2.0 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: 21.88 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171121

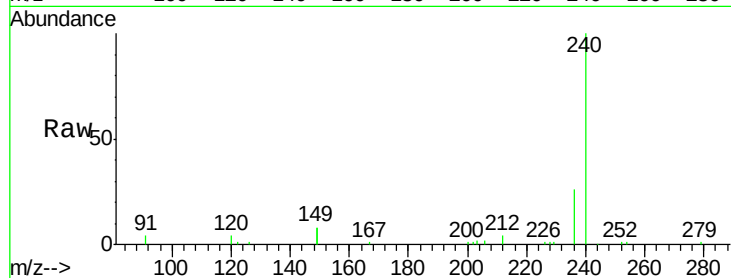
Tot Ion:240 Resp: 23598

Ion Ratio Lower Upper

240 100

120 4.1 5.5 8.3#

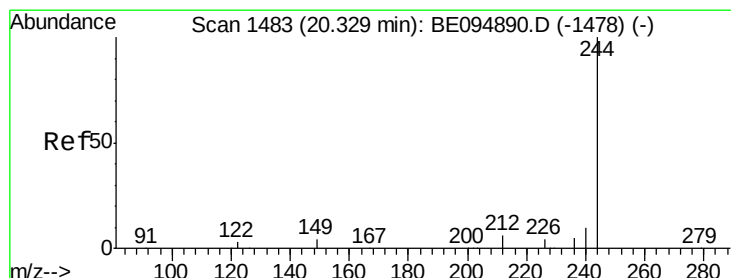
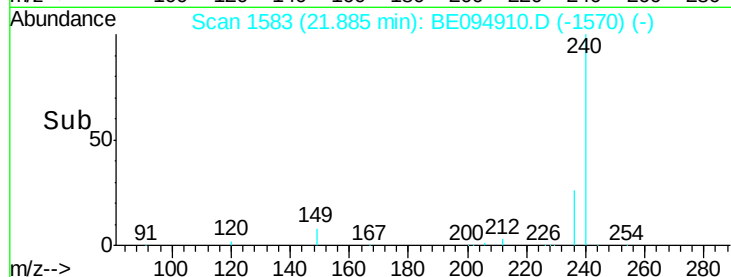
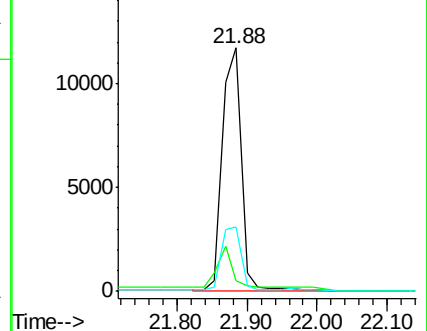
236 26.4 20.7 31.1



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: 0.61 ng

RT: 20.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

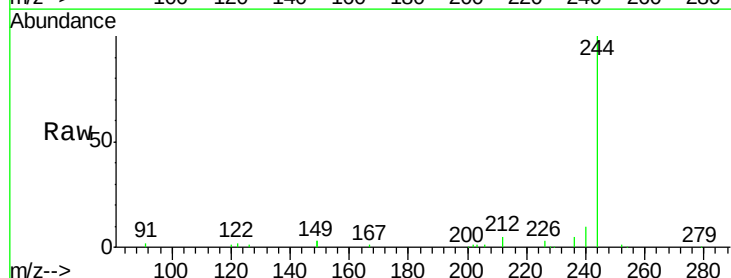
Tgt Ion:244 Resp: 26410

Ion Ratio Lower Upper

244 100

212 5.1 25.4 38.0#

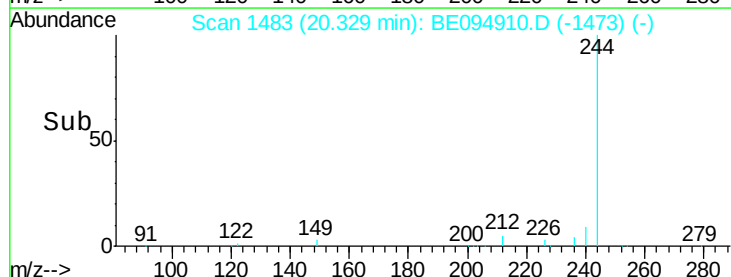
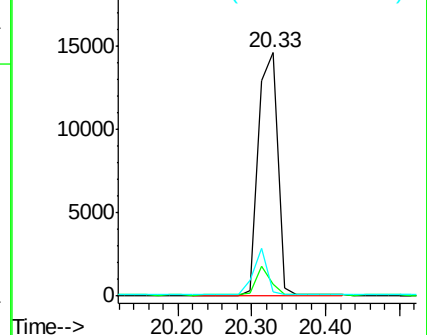
122 1.9 8.1 12.1#

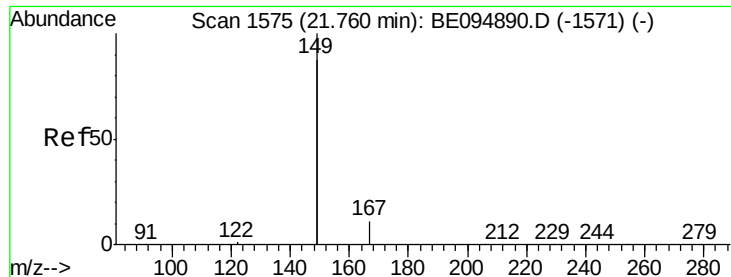


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 21.76 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171121

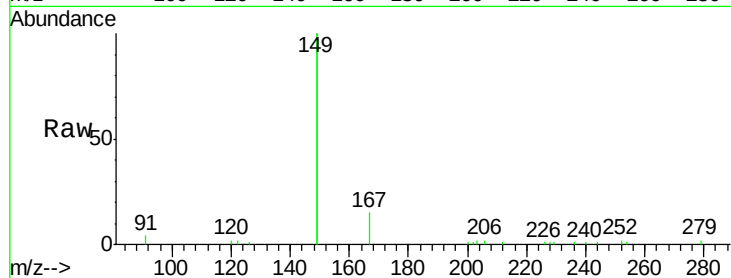
Tot Ion:149 Resp: 27970

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

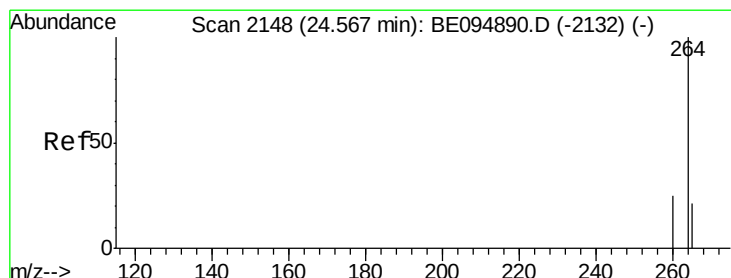
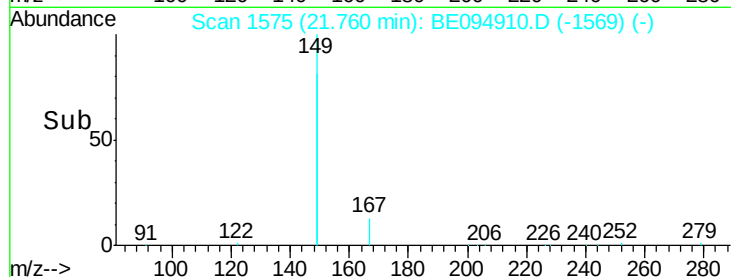
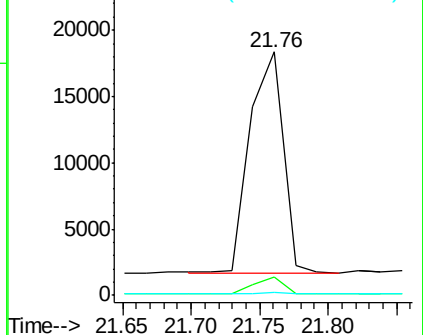
279 0.8 0.7 1.1



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: 0.40 ng

RT: 24.56 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BE094910.D

Acq: 1 Dec 2017 18:13

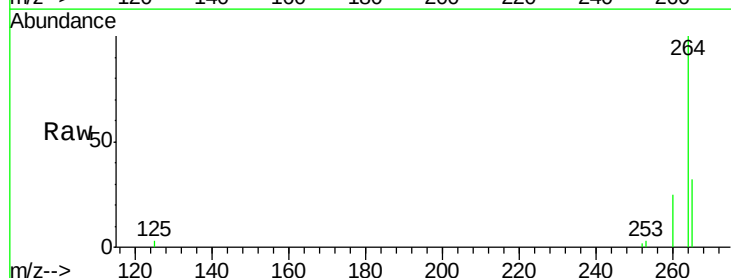
Tgt Ion:264 Resp: 18429

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

265 31.5 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

