

Data File : BE097756.D
Acq On : 5 Oct 2018 15:49
Operator : SJ/JU
Sample : J5233-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OUTFALL001-181002

Quant Time: Oct 06 04:18:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3410	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	13076	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7264	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	20762	0.40	ng	0.00
27) Chrysene-d12	21.49	240	25917	0.40	ng	0.00
34) Perylene-d12	24.03	264	23038	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1189	0.15	ng	0.00
5) Phenol-d6	7.04	99	1022	0.08	ng	0.00
8) Nitrobenzene-d5	9.04	82	2769	0.65	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	7757	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	468	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	16661	0.52	ng	-0.01
25) Fluoranthene-d10	19.33	212	106388	0.40	ng	0.00
29) Terphenyl-d14	19.93	244	24369	0.46	ng	0.00

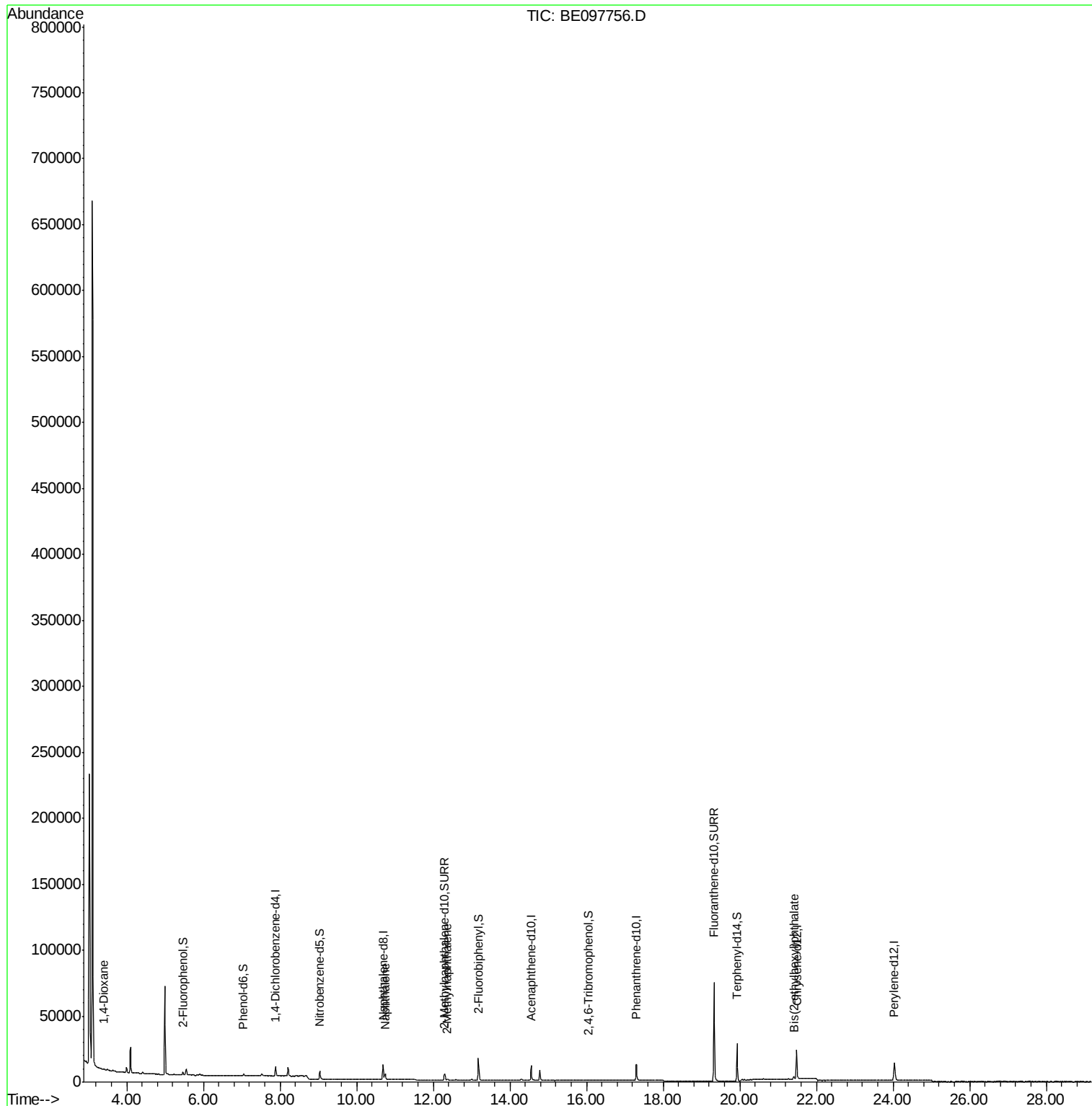
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	405	0.060	ng	# 70
9) Naphthalene	10.74	128	7271	0.055	ng	# 97
12) 2-Methylnaphthalene	12.37	142	586	0.028	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.41	149	2975	0.058	ng	# 96

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

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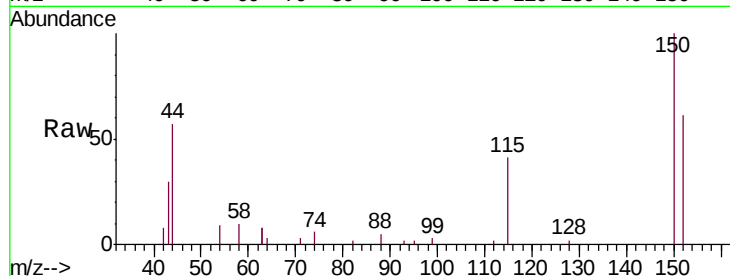


#1

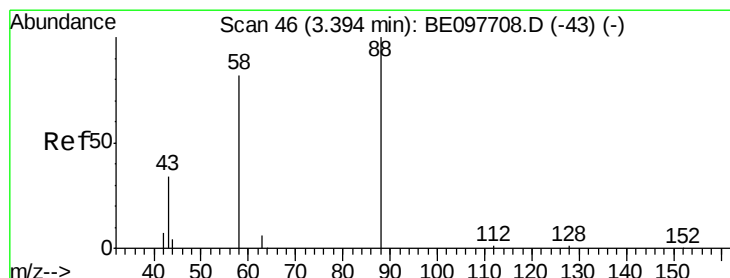
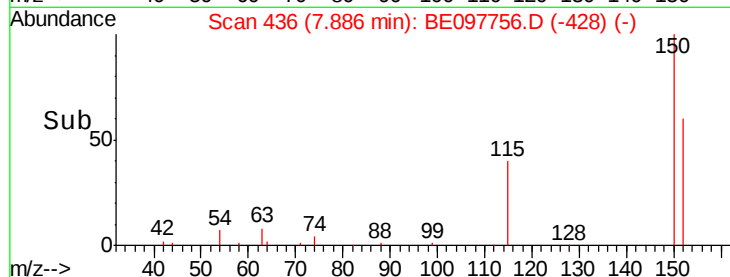
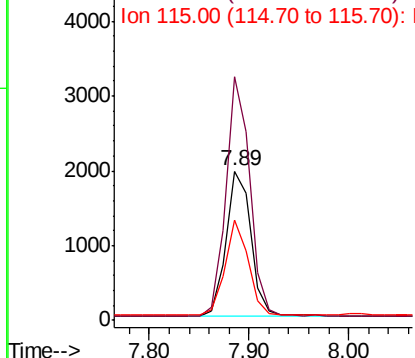
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097756.D
Acq: 5 Oct 2018 15:49

Instrument :
MSVOA_V
ClientSampleId :
OUTFALL001-181002

Tgt Ion: 152 Resp: 3410
Ion Ratio Lower Upper
152 100
150 163.3 120.9 181.3
115 67.5 46.6 69.8



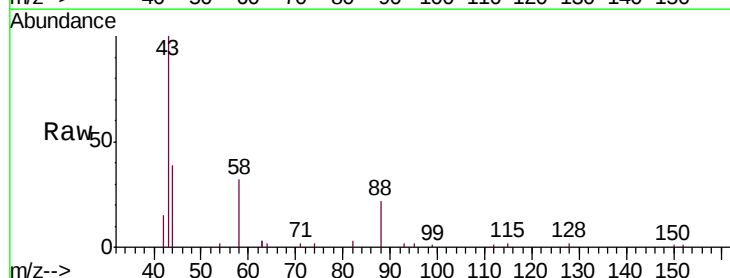
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



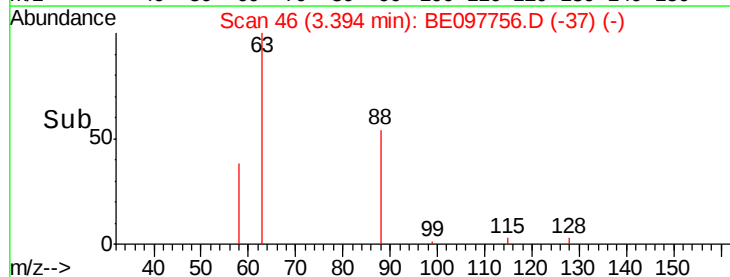
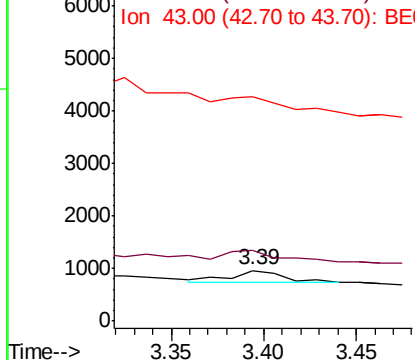
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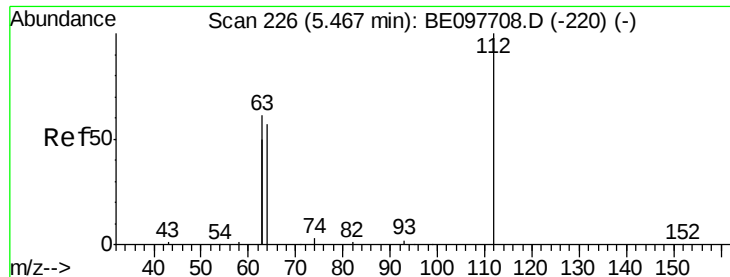
1,4-Dioxane
Concen: 0.060 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097756.D
Acq: 5 Oct 2018 15:49

Tgt Ion: 88 Resp: 405
Ion Ratio Lower Upper
88 100
58 100.0 70.8 106.2
43 0.0 33.3 49.9#



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: 0.147 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097756.D

Acq: 5 Oct 2018 15:49

Instrument :

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ClientSampleId :

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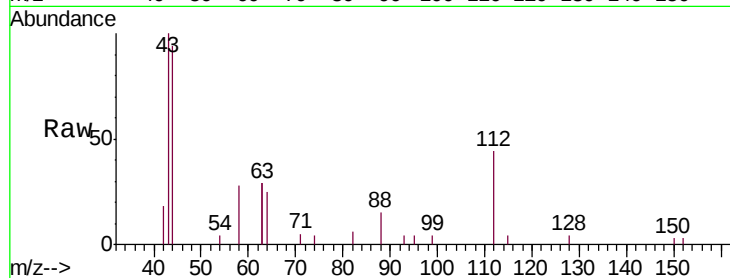
Tgt Ion: 112 Resp: 1189

Ion Ratio Lower Upper

112 100

64 71.7 56.6 84.8

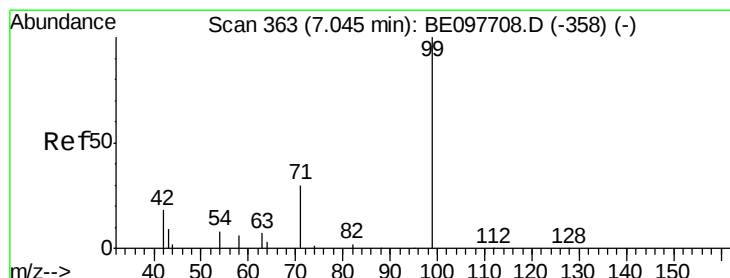
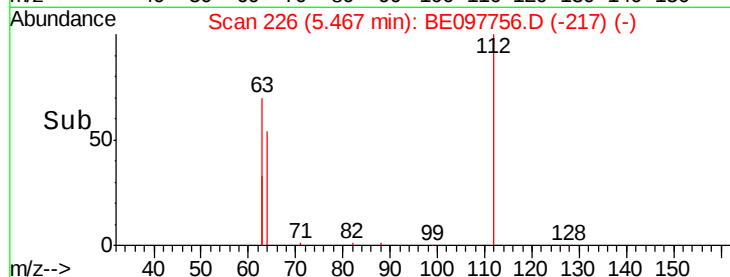
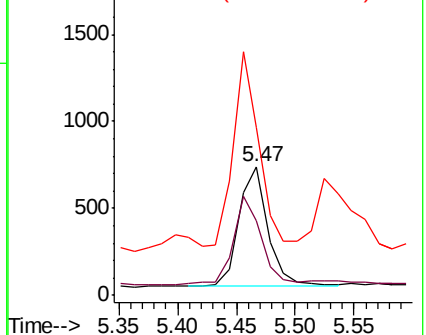
63 141.7 119.4 179.0



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: 0.083 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097756.D

Acq: 5 Oct 2018 15:49

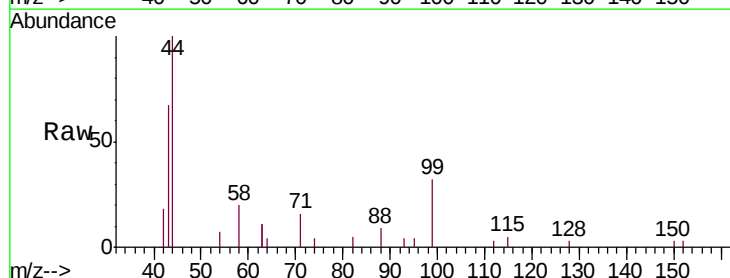
Tgt Ion: 99 Resp: 1022

Ion Ratio Lower Upper

99 100

42 31.9 19.9 29.9#

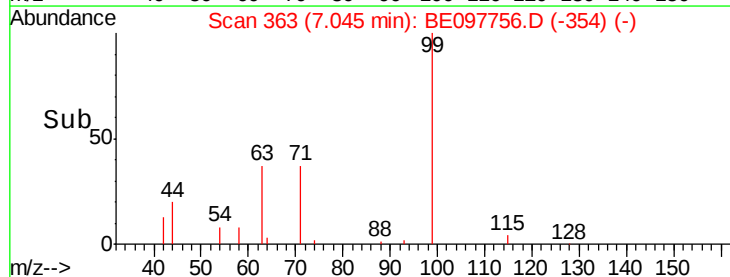
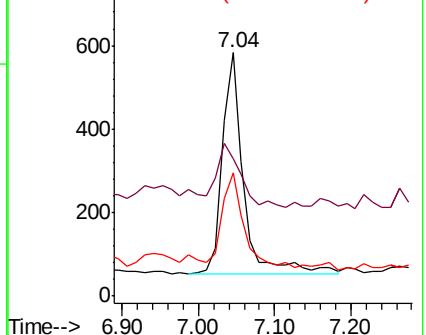
71 41.9 25.4 38.2#

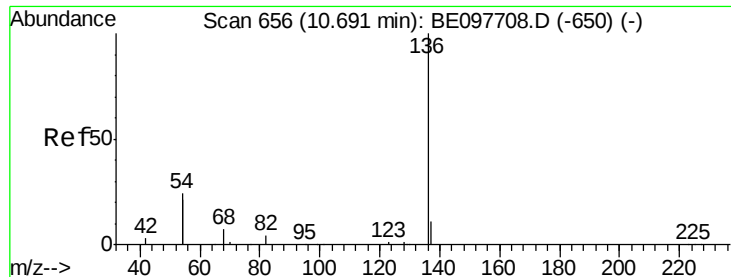


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097756.D

Acq: 5 Oct 2018 15:49

Instrument :

MSVOA_V

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Tgt Ion:136 Resp: 13076

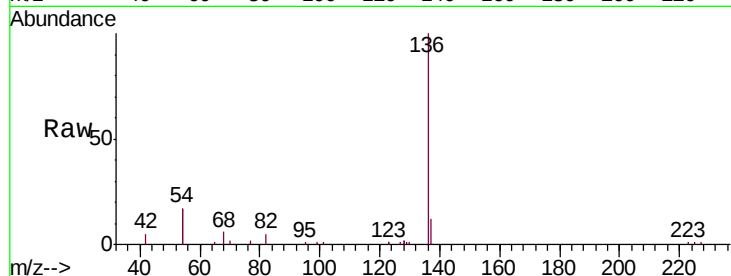
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 34.7 37.8 56.6#

68 6.5 6.4 9.6

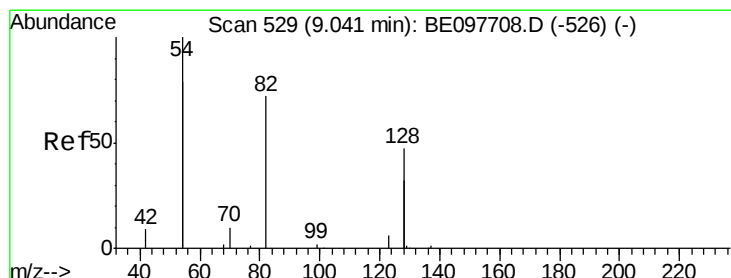
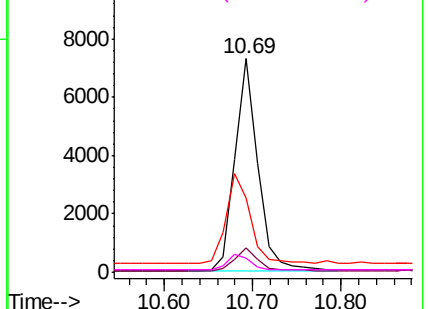
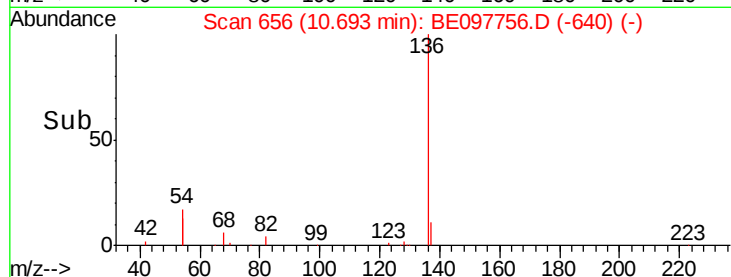


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.652 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097756.D

Acq: 5 Oct 2018 15:49

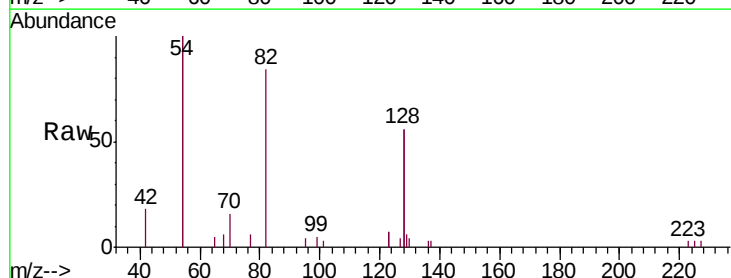
Tgt Ion: 82 Resp: 2769

Ion Ratio Lower Upper

82 100

128 134.0 97.0 145.4

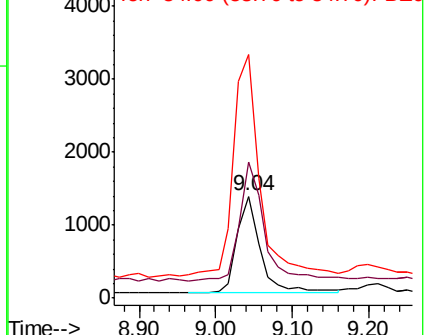
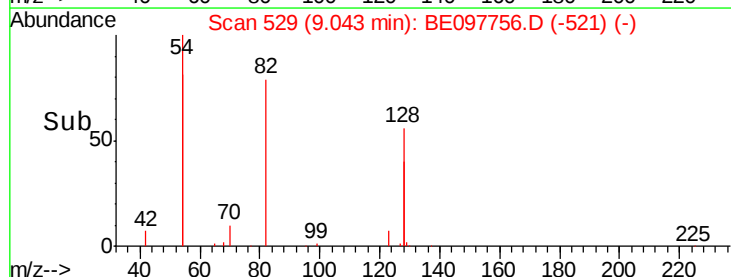
54 238.9 206.9 310.3

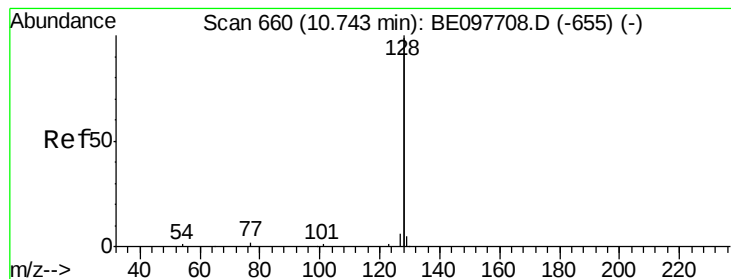


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.055 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097756.D

Acq: 5 Oct 2018 15:49

Instrument :

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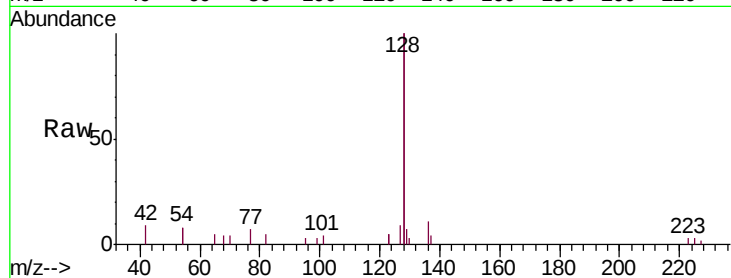
Tgt Ion:128 Resp: 7271

Ion Ratio Lower Upper

128 100

129 3.7 2.2 3.2#

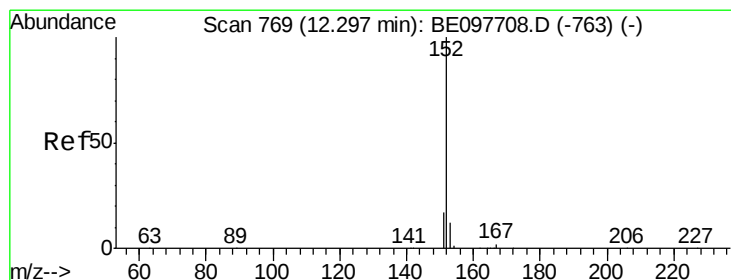
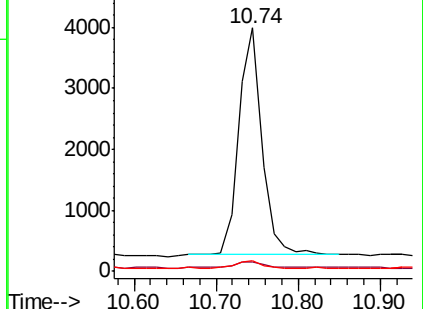
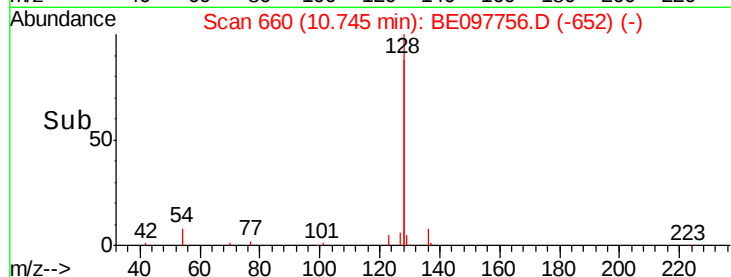
127 4.4 2.7 4.1#



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: 0.373 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097756.D

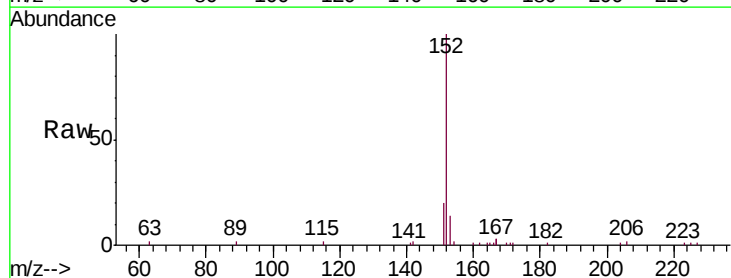
Acq: 5 Oct 2018 15:49

Tgt Ion:152 Resp: 7757

Ion Ratio Lower Upper

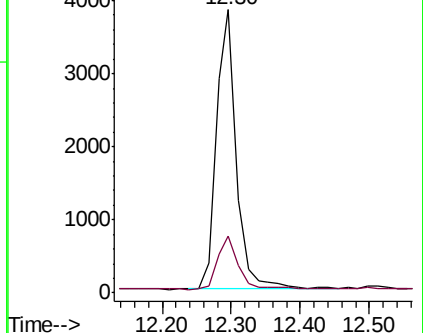
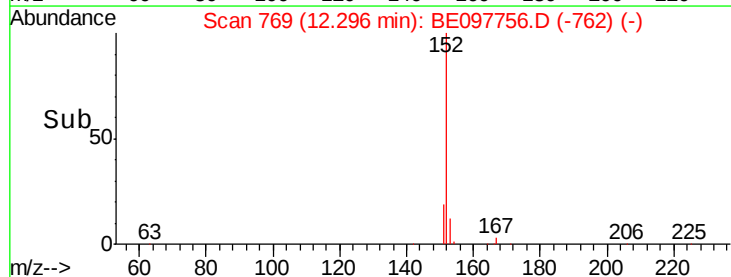
152 100

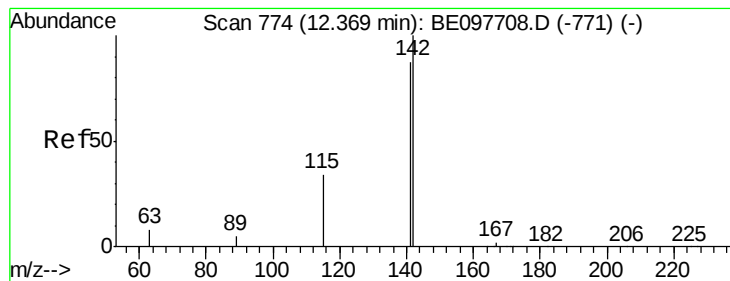
151 20.4 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.028 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097756.D

Acq: 5 Oct 2018 15:49

Instrument :

MSVOA_V

ClientSampleId :

OUTFALL001-181002

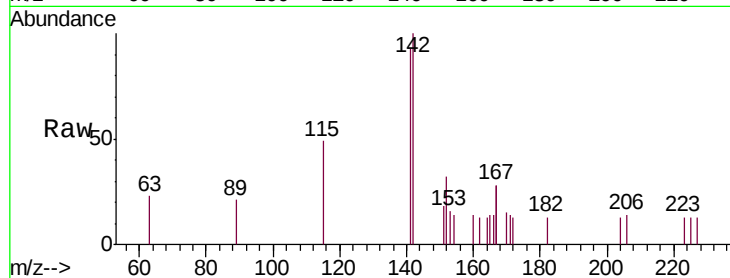
Tgt Ion:142 Resp: 586

Ion Ratio Lower Upper

142 100

141 92.6 69.4 104.2

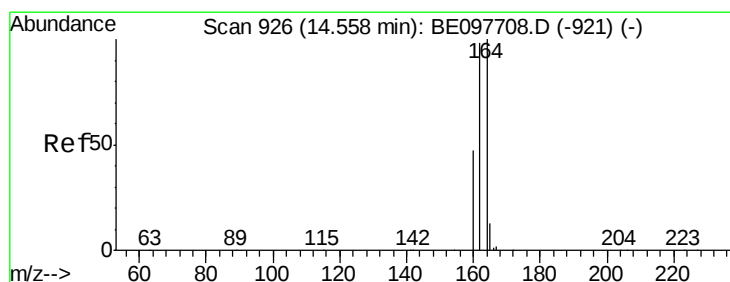
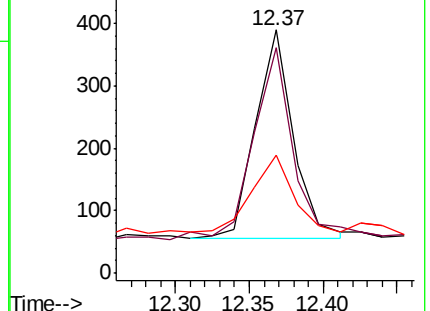
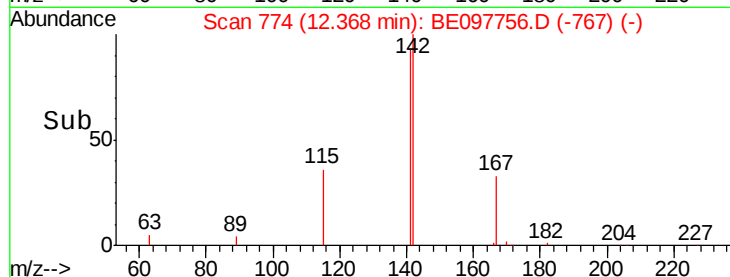
115 48.7 28.0 42.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097756.D

Acq: 5 Oct 2018 15:49

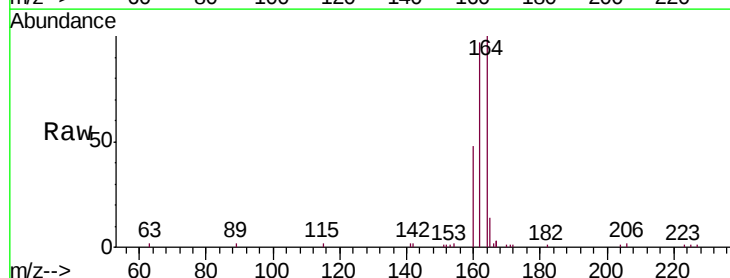
Tgt Ion:164 Resp: 7264

Ion Ratio Lower Upper

164 100

162 96.7 78.6 117.8

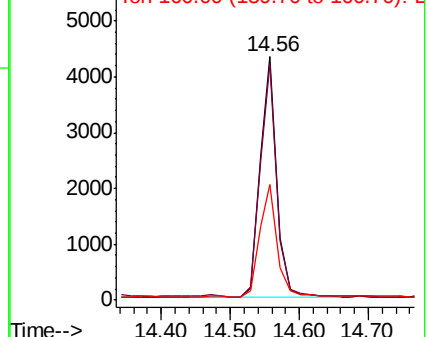
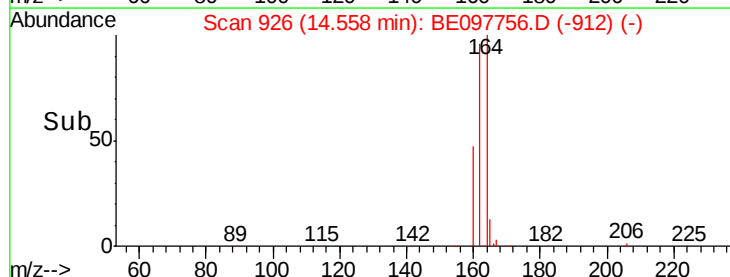
160 47.6 37.8 56.6

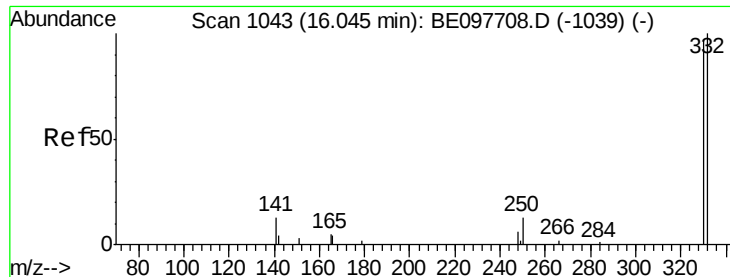


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

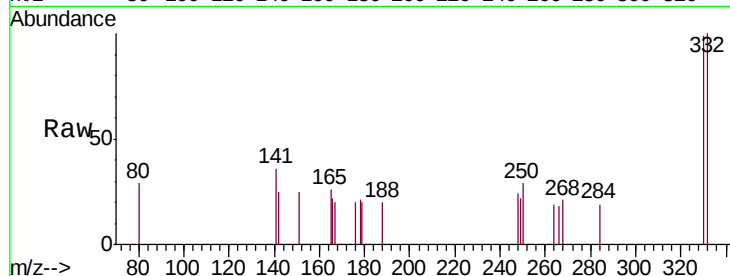




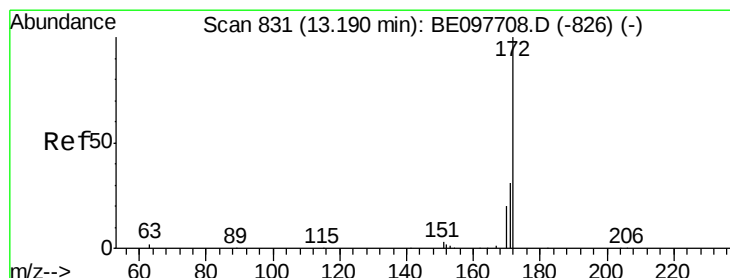
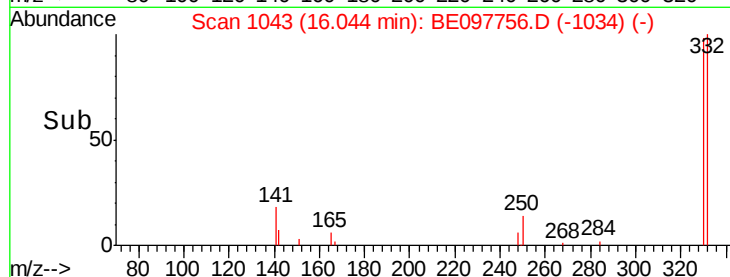
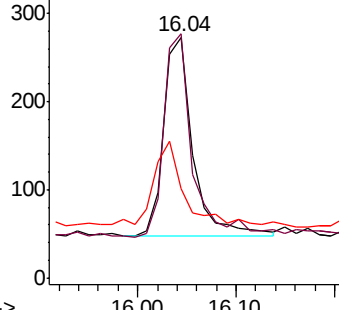
#14
 2,4,6-Tribromophenol
 Concen: 0.355 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097756.D
 Acq: 5 Oct 2018 15:49

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Tgt Ion: 330 Resp: 468
 Ion Ratio Lower Upper
 330 100
 332 101.5 83.5 125.3
 141 48.9 34.9 52.3

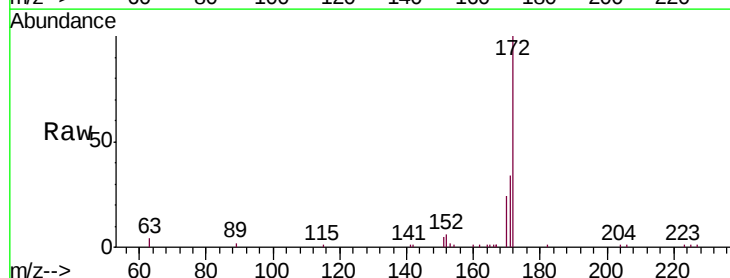


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

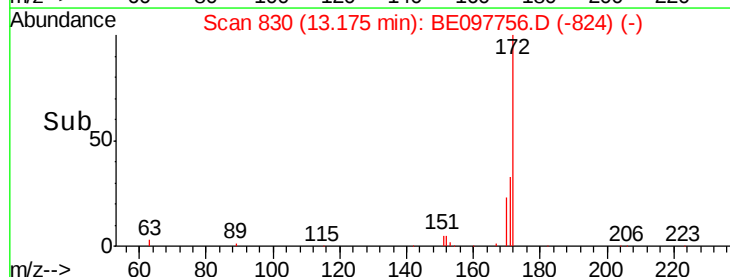
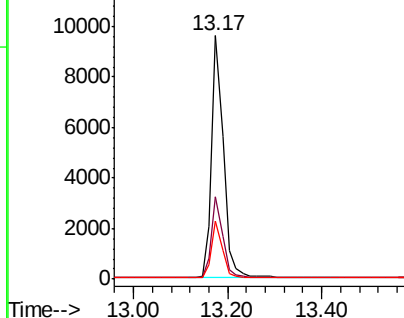


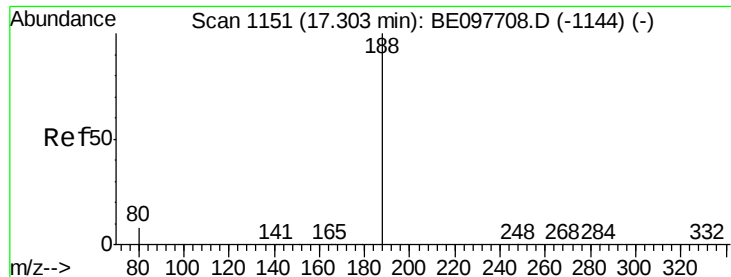
#15
 2-Fluorobiphenyl
 Concen: 0.521 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BE097756.D
 Acq: 5 Oct 2018 15:49

Tgt Ion: 172 Resp: 16661
 Ion Ratio Lower Upper
 172 100
 171 33.7 25.2 37.8
 170 23.7 16.2 24.2



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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097756.D

Acq: 5 Oct 2018 15:49

Instrument :

MSVOA_V

ClientSampleId :

OUTFALL001-181002

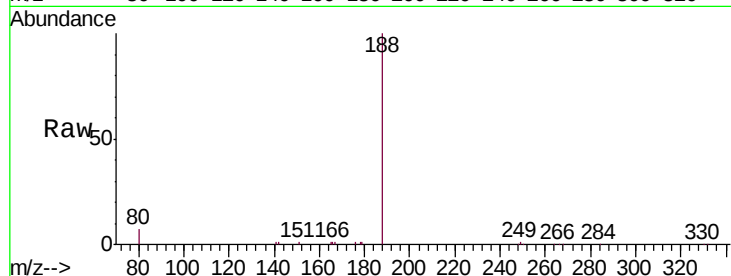
Tgt Ion:188 Resp: 20762

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

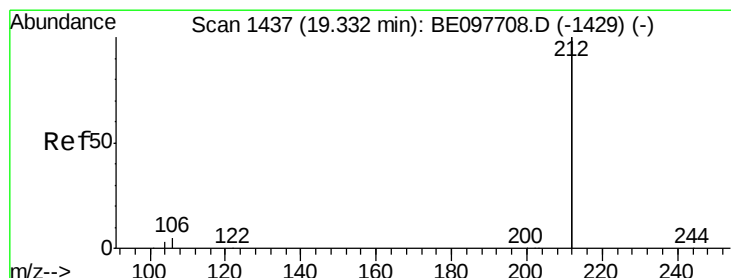
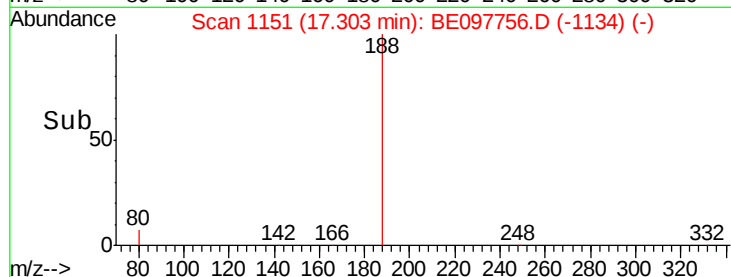
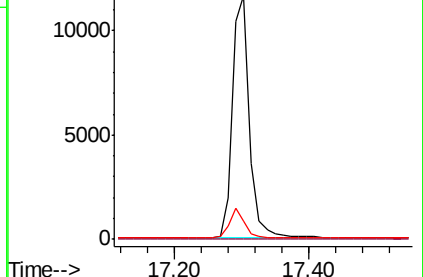
80 7.3 6.6 9.8



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: 0.405 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097756.D

Acq: 5 Oct 2018 15:49

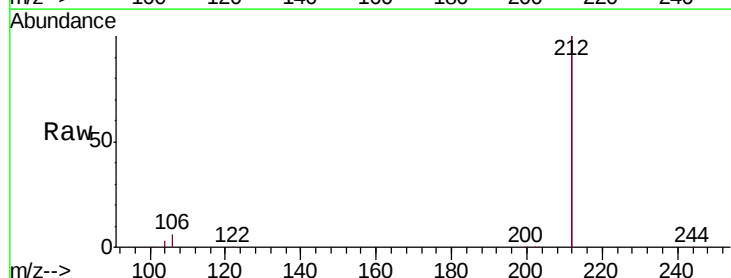
Tgt Ion:212 Resp: 106388

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

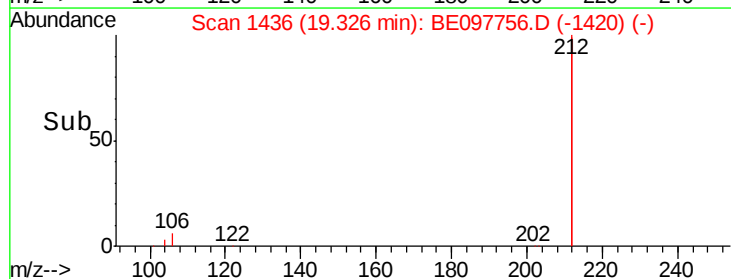
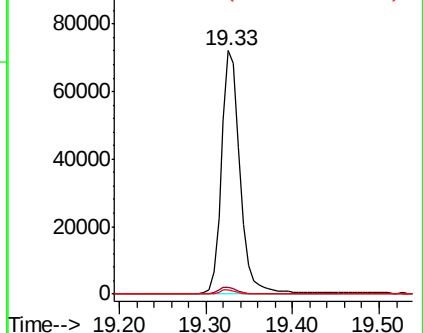
104 1.5 1.2 1.8

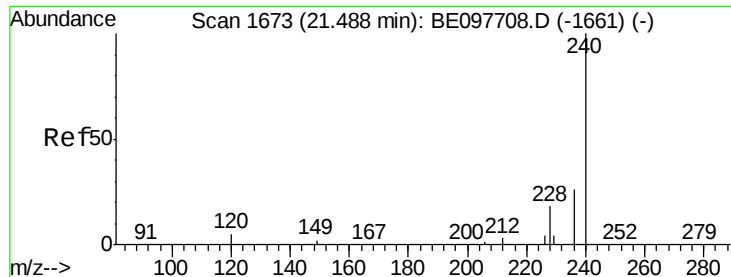


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097756.D

Acq: 5 Oct 2018 15:49

Instrument :

MSVOA_V

ClientSampleId :

OUTFALL001-181002

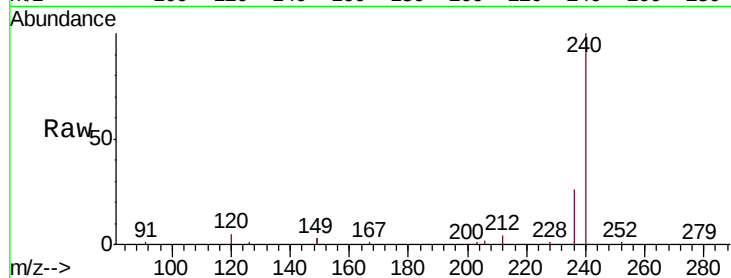
Tgt Ion:240 Resp: 25917

Ion Ratio Lower Upper

240 100

120 5.2 4.7 7.1

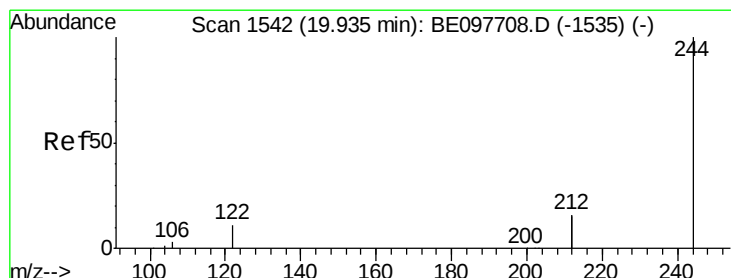
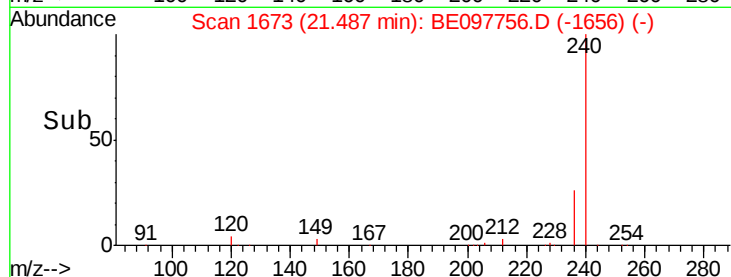
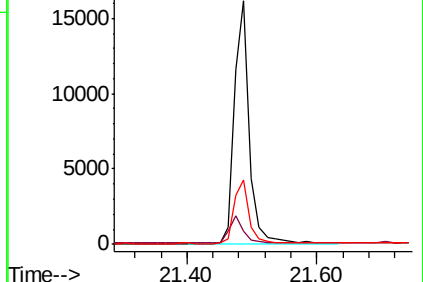
236 26.4 20.8 31.2



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: 0.461 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097756.D

Acq: 5 Oct 2018 15:49

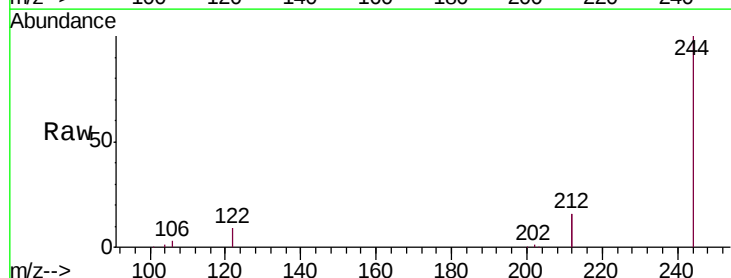
Tgt Ion:244 Resp: 24369

Ion Ratio Lower Upper

244 100

212 31.7 25.8 38.8

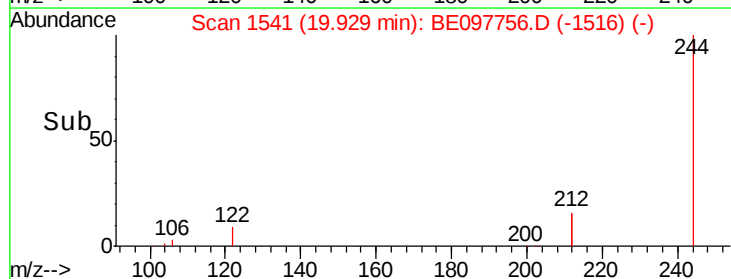
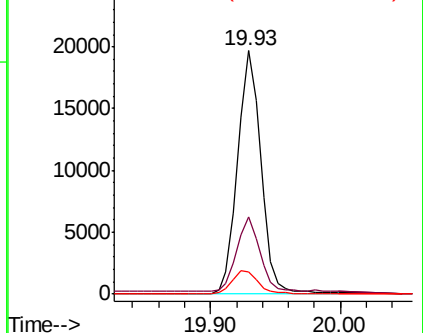
122 9.3 8.7 13.1

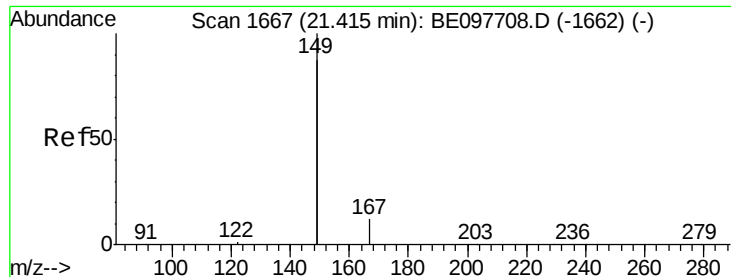


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

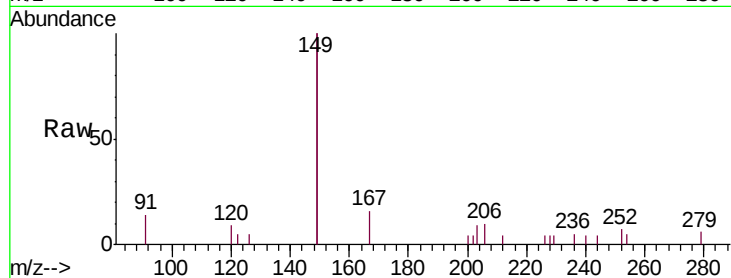




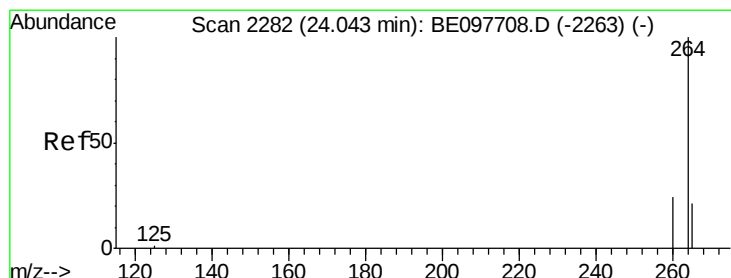
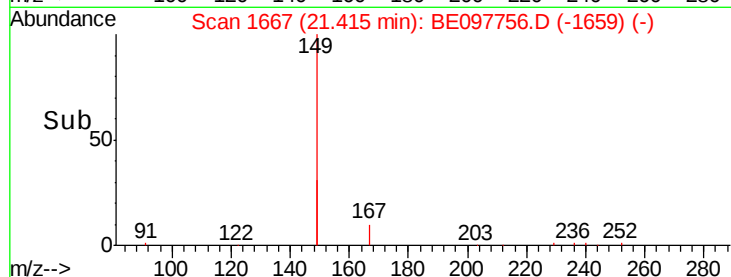
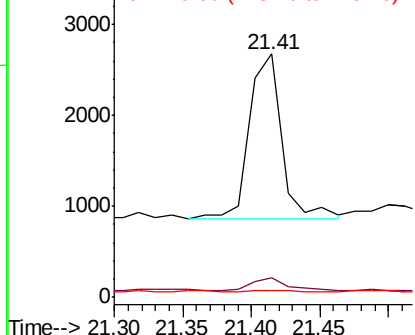
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.41 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BE097756.D
 Acq: 5 Oct 2018 15:49

Instrument :
 MSVOA_V
 ClientSampleId :
 OUTFALL001-181002

Tgt Ion:149 Resp: 2975
 Ion Ratio Lower Upper
 149 100
 167 8.4 5.5 8.3#
 279 1.0 0.9 1.3

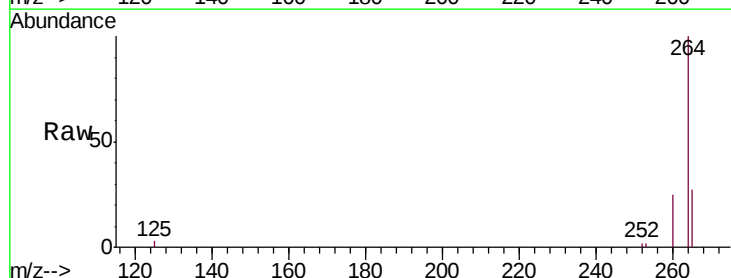


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE097756.D
 Acq: 5 Oct 2018 15:49

Tgt Ion:264 Resp: 23038
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.1 28.7
 265 27.3 21.9 32.9



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

