

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
 Data File : BE097444.D
 Acq On : 10 Sep 2018 12:07
 Operator : SJ/JU
 Sample : J4794-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180904

Quant Time: Sep 10 13:37:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 18:07:26 2018
 Response via : Initial Calibration

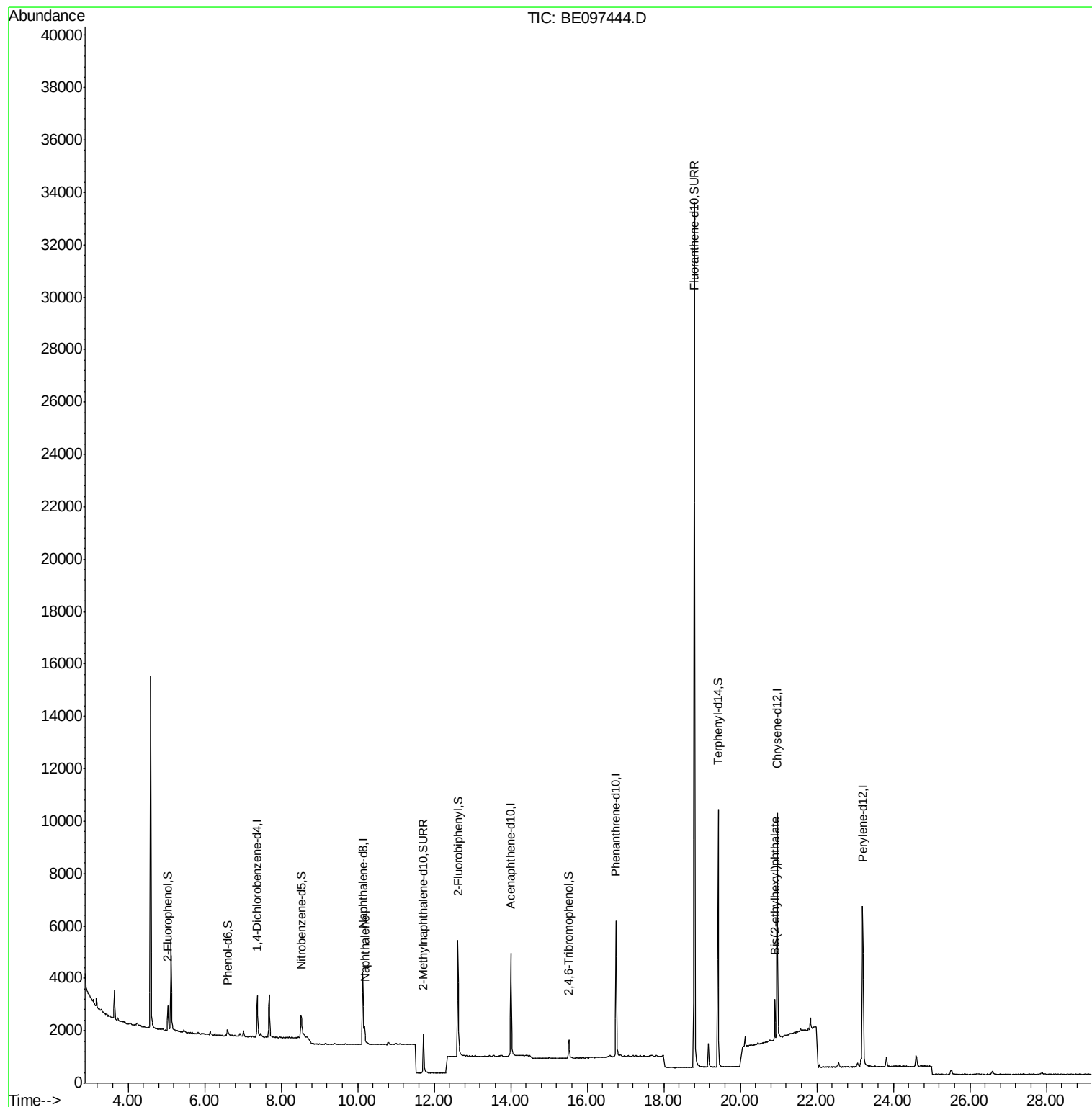
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	802	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3642	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2491	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	7487	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	8324	0.40	ng	0.00
34) Perylene-d12	23.20	264	8498	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	517	0.22	ng	-0.01
5) Phenol-d6	6.60	99	332	0.10	ng	0.00
8) Nitrobenzene-d5	8.52	82	1228	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2587	0.51	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	472	0.56	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	4637	0.51	ng	0.00
25) Fluoranthene-d10	18.80	212	44868	0.52	ng	0.00
29) Terphenyl-d14	19.42	244	8438	0.55	ng	0.00
Target Compounds						
9) Naphthalene	10.19	128	1065	0.032	ng	# 80
32) Bis(2-ethylhexyl)phthalate	20.91	149	1736	0.147	ng	# 99

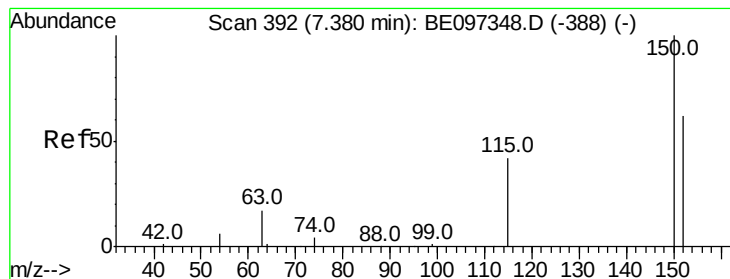
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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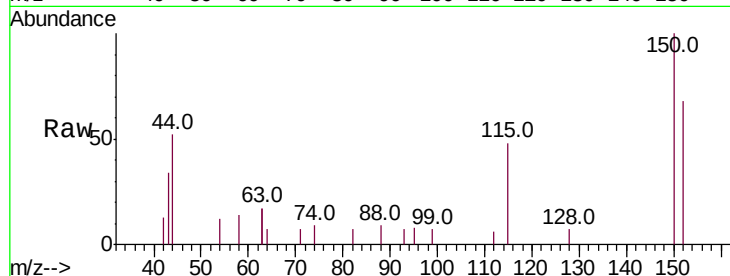


#1

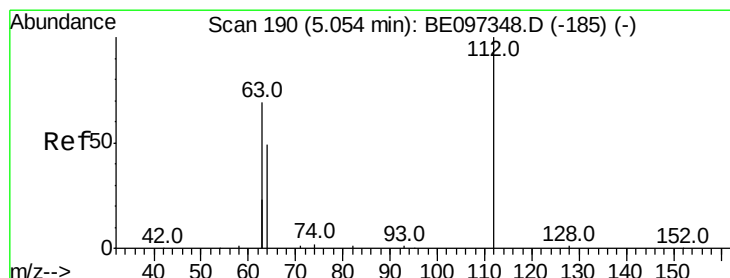
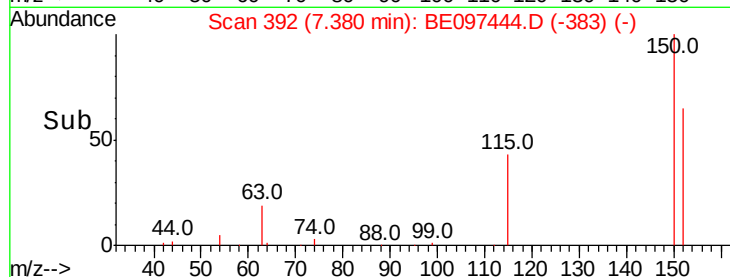
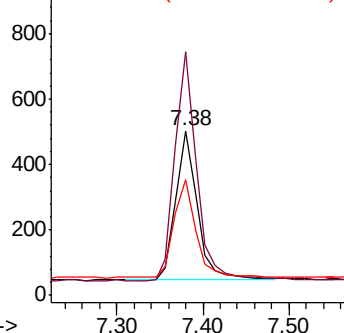
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097444.D
Acq: 10 Sep 2018 12:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180904

Tot Ion:152 Resp: 802
Ion Ratio Lower Upper
152 100
150 147.9 117.2 175.8
115 70.4 57.0 85.6



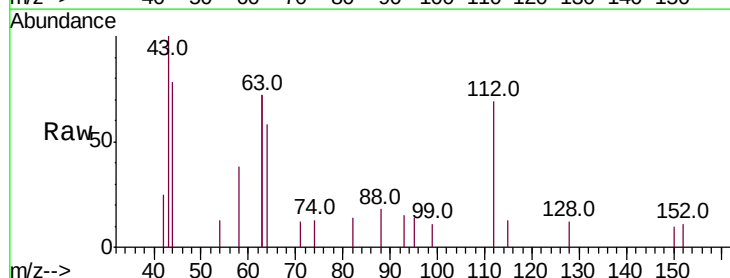
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



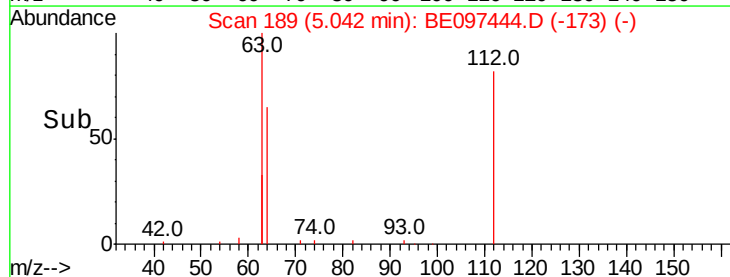
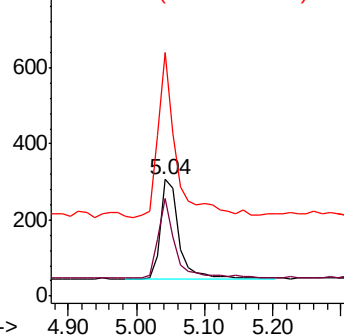
#4

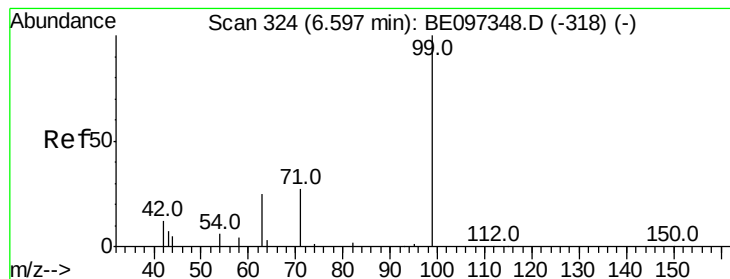
2-Fluorophenol
Concen: 0.218 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.01 min
Lab File: BE097444.D
Acq: 10 Sep 2018 12:07

Tgt Ion:112 Resp: 517
Ion Ratio Lower Upper
112 100
64 71.0 60.1 90.1
63 158.0 116.8 175.2



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: 0.105 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097444.D

Acq: 10 Sep 2018 12:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180904

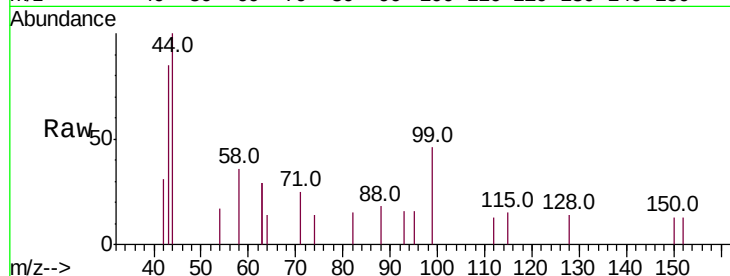
Tot Ion: 99 Resp: 332

Ion Ratio Lower Upper

99 100

42 19.9 20.2 30.2#

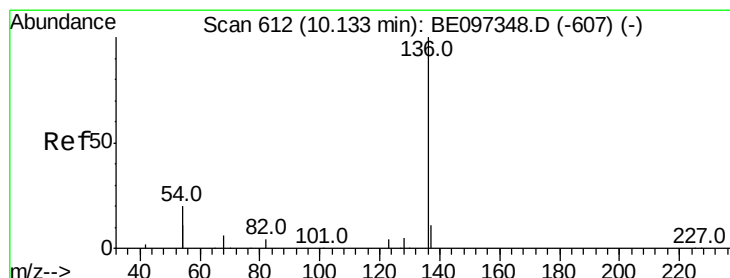
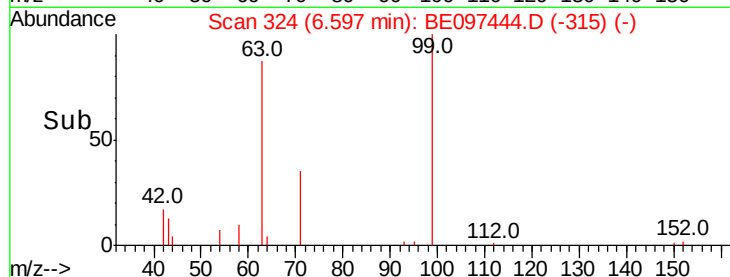
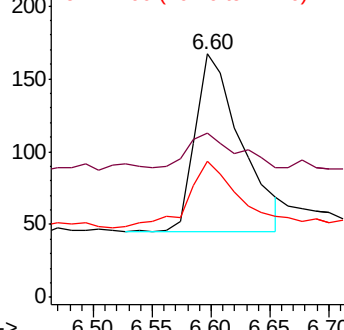
71 39.8 28.4 42.6



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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097444.D

Acq: 10 Sep 2018 12:07

Tgt Ion: 136 Resp: 3642

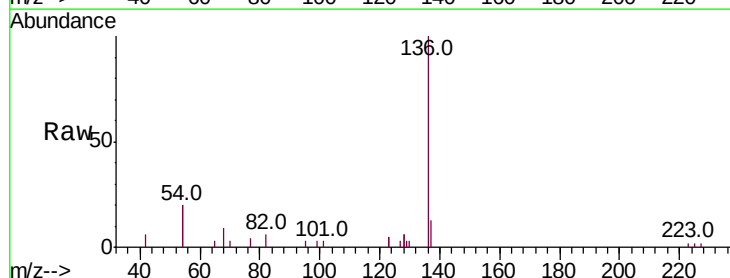
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 39.7 29.1 43.7

68 8.8 6.2 9.2

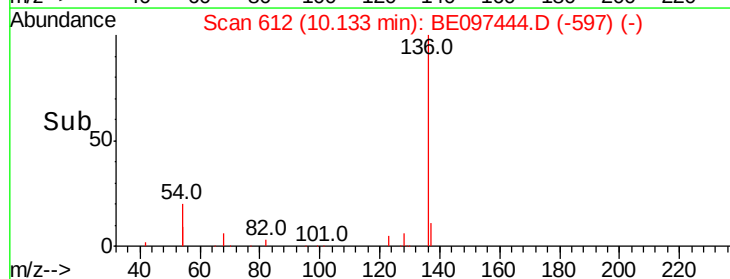
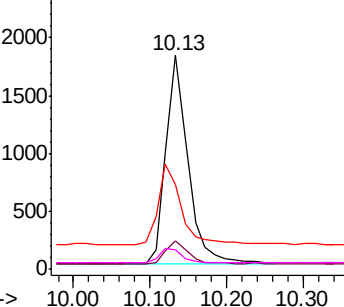


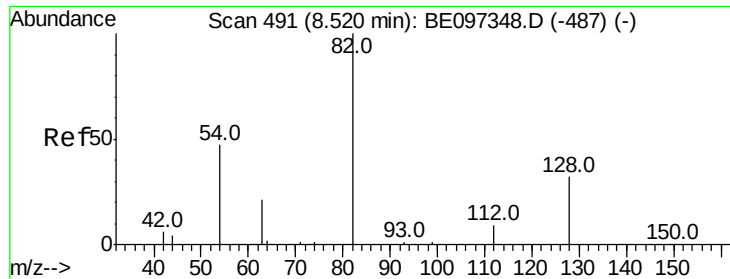
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.470 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097444.D

Acq: 10 Sep 2018 12:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180904

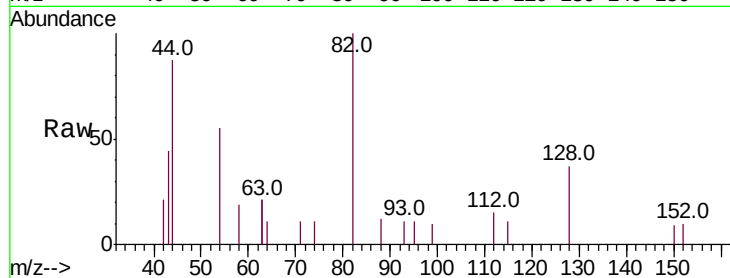
Tot Ion: 82 Resp: 1228

Ion Ratio Lower Upper

82 100

128 37.5 24.0 36.0#

54 54.7 40.0 60.0

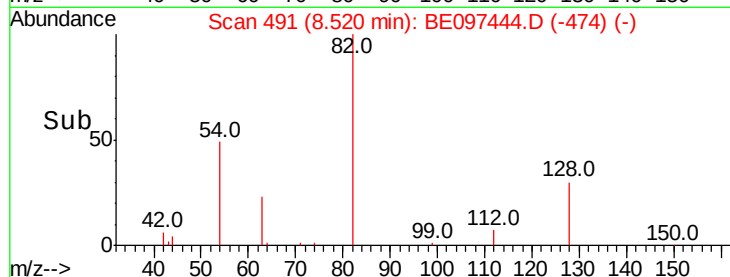


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



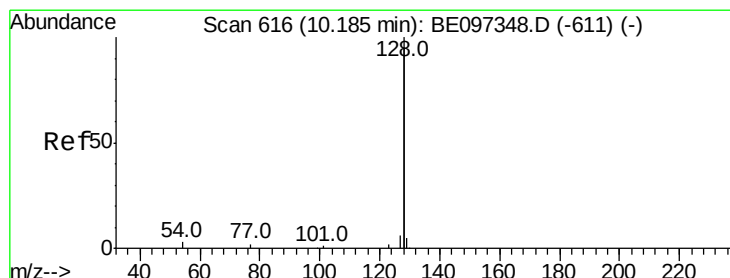
Abundance

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

Time-->



#9

Naphthalene

Concen: 0.032 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE097444.D

Acq: 10 Sep 2018 12:07

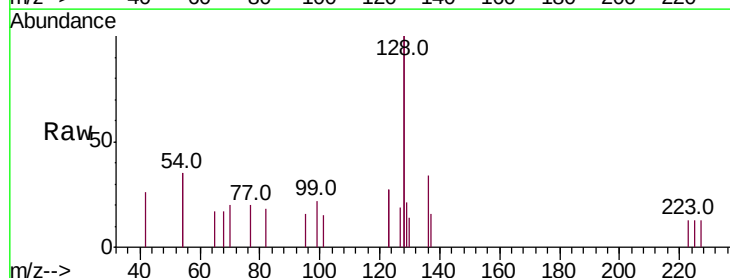
Tgt Ion: 128 Resp: 1065

Ion Ratio Lower Upper

128 100

129 10.6 2.6 3.8#

127 9.5 2.8 4.2#

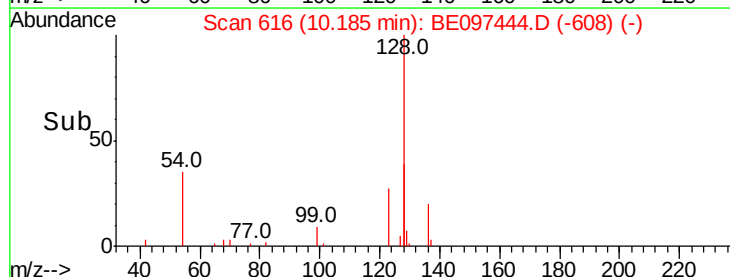


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



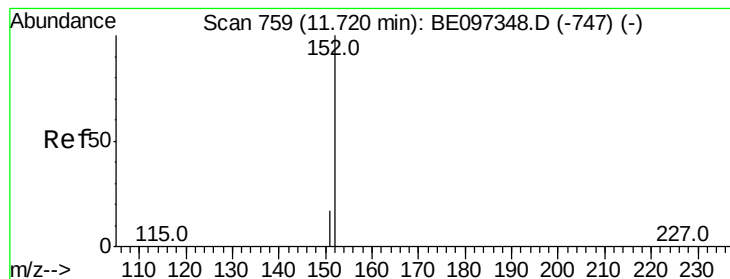
Abundance

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

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.509 ng

RT: 11.72 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE097444.D

Acq: 10 Sep 2018 12:07

Instrument :

BNA_E

ClientSampleId :

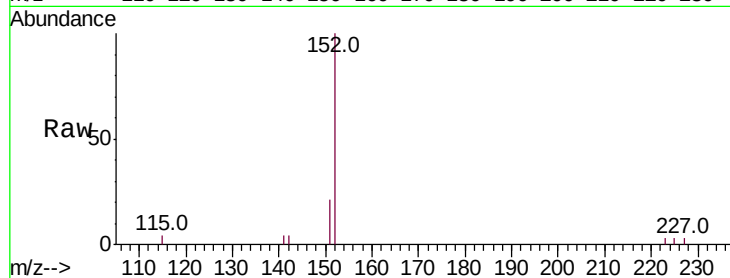
OUTFALL001-180904

Tot Ion:152 Resp: 2587

Ion Ratio Lower Upper

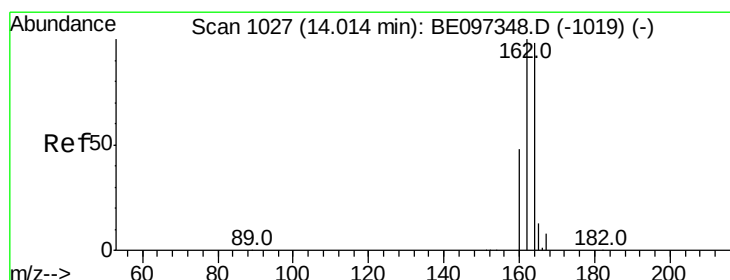
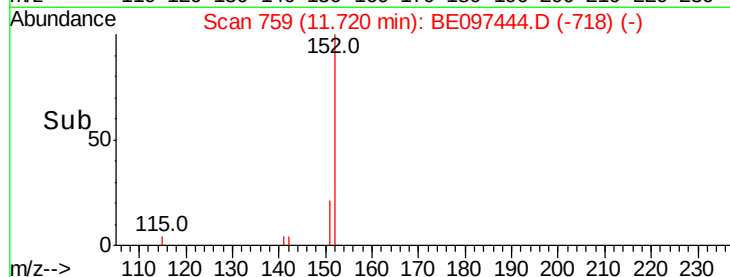
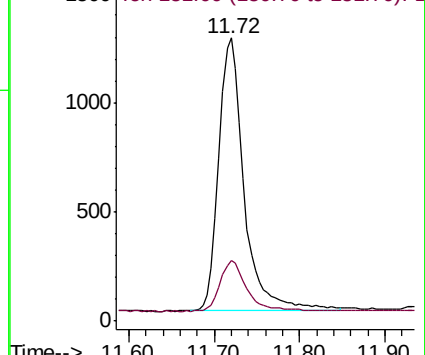
152 100

151 19.1 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: 14.00 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BE097444.D

Acq: 10 Sep 2018 12:07

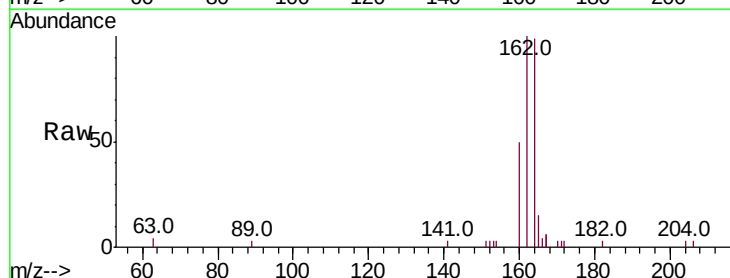
Tgt Ion:164 Resp: 2491

Ion Ratio Lower Upper

164 100

162 101.4 83.1 124.7

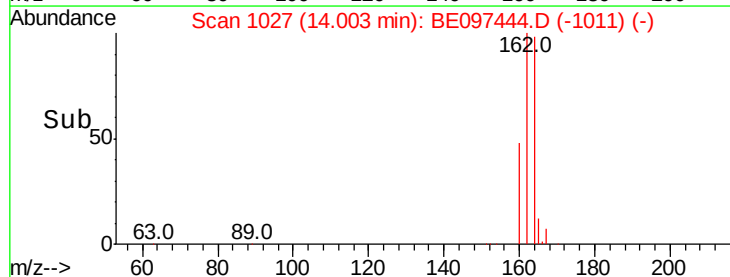
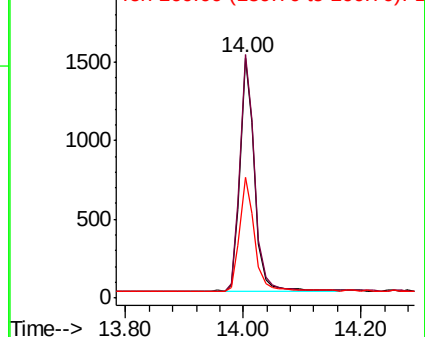
160 50.4 37.1 55.7

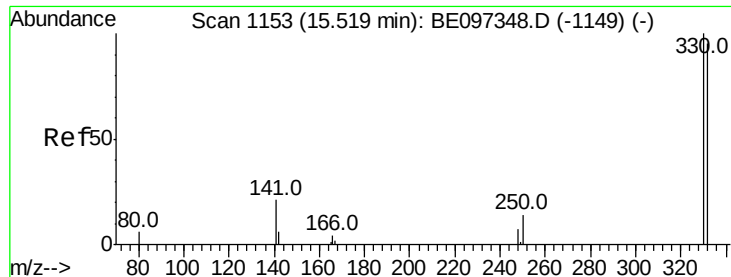


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

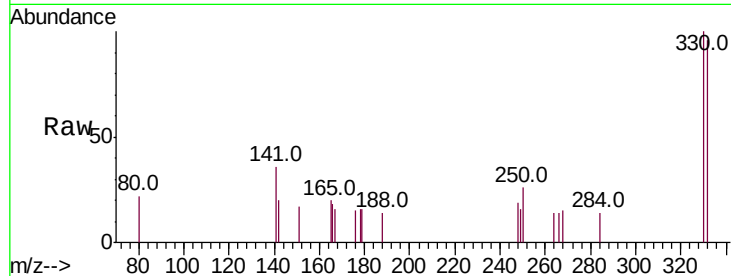




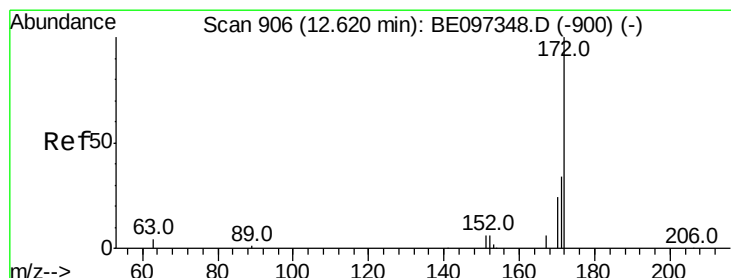
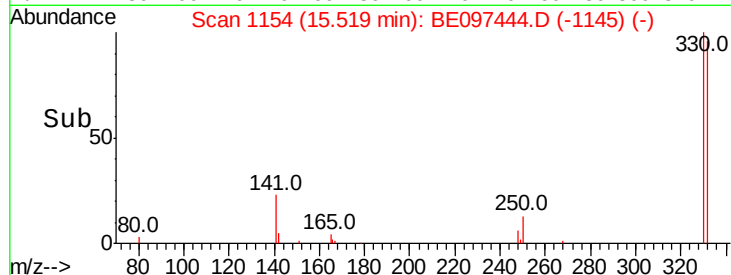
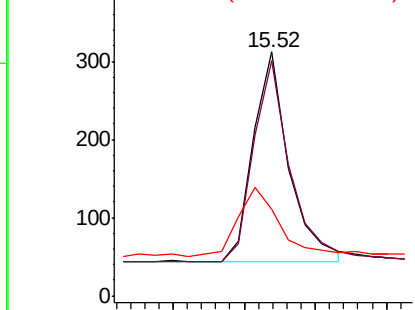
#14
 2,4,6-Tribromophenol
 Concen: 0.560 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097444.D
 Acq: 10 Sep 2018 12:07

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180904

Tot Ion:330 Resp: 472
 Ion Ratio Lower Upper
 330 100
 332 97.2 152.7 229.1#
 141 38.1 33.7 50.5

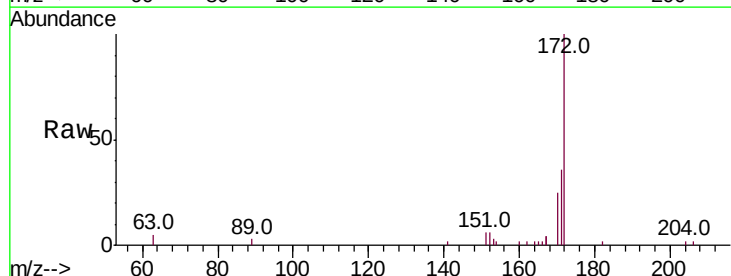


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

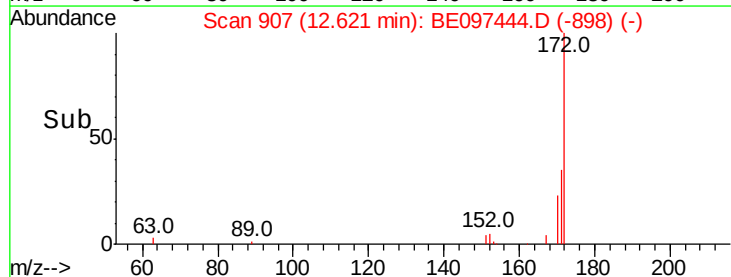
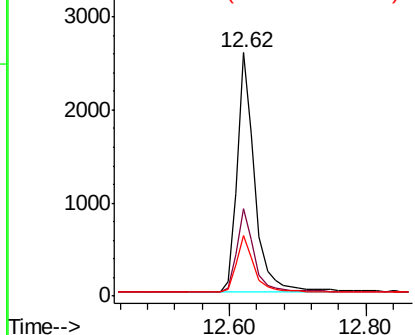


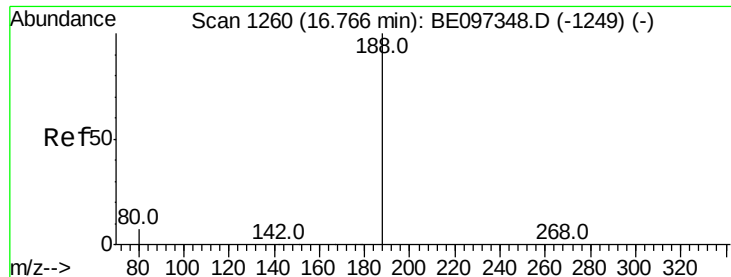
#15
 2-Fluorobiphenyl
 Concen: 0.507 ng
 RT: 12.62 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097444.D
 Acq: 10 Sep 2018 12:07

Tgt Ion:172 Resp: 4637
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.9 44.9
 170 24.8 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

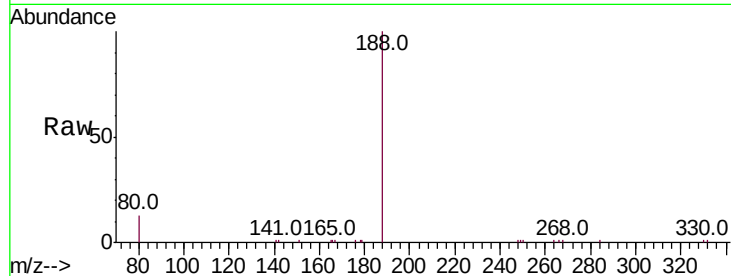




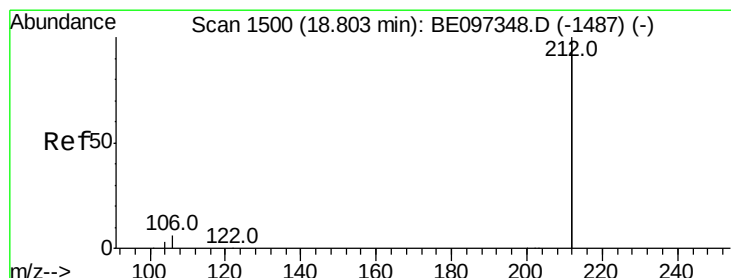
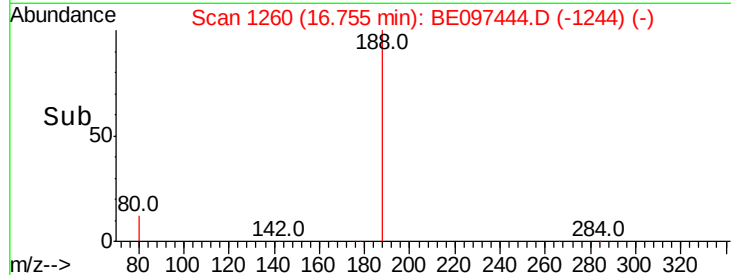
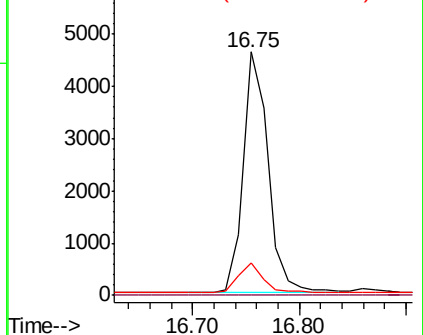
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097444.D
Acq: 10 Sep 2018 12:07

Instrument :
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ClientSampleId :
OUTFALL001-180904

Tot Ion:188 Resp: 7487
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.3 3.6 5.4#

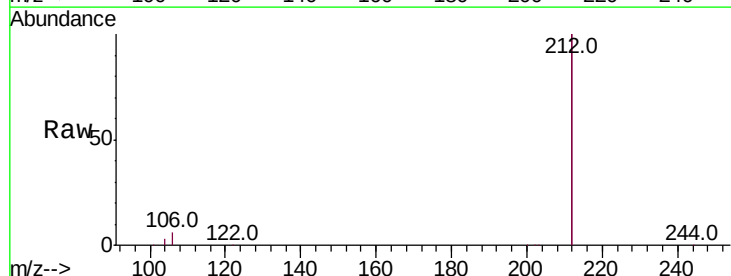


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

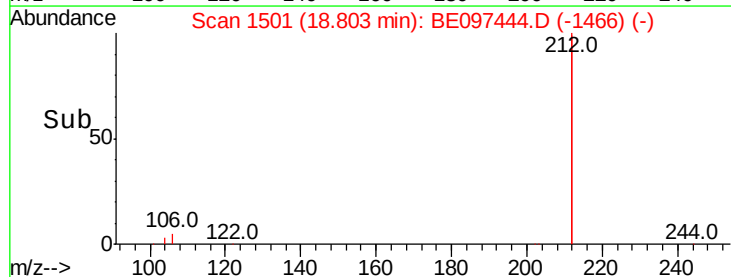
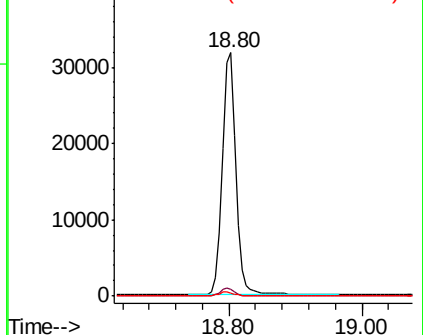


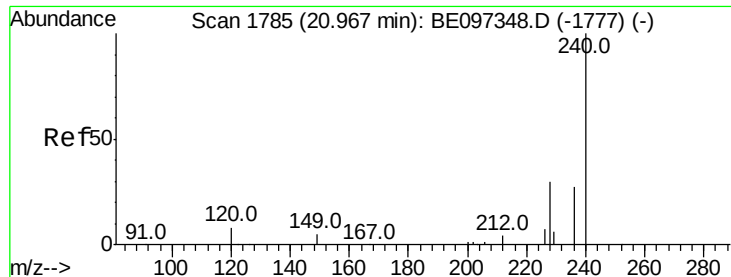
#25
Fluoranthene-d10
Concen: 0.522 ng
RT: 18.80 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE097444.D
Acq: 10 Sep 2018 12:07

Tgt Ion:212 Resp: 44868
Ion Ratio Lower Upper
212 100
106 3.0 2.8 4.2
104 1.7 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: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097444.D

Acq: 10 Sep 2018 12:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180904

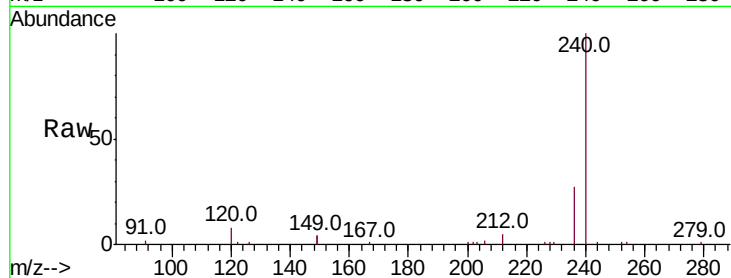
Tot Ion:240 Resp: 8324

Ion Ratio Lower Upper

240 100

120 8.0 5.5 8.3

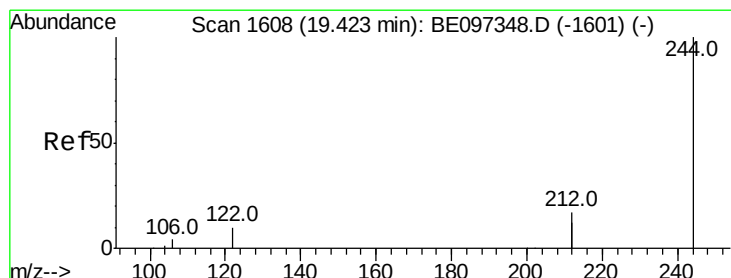
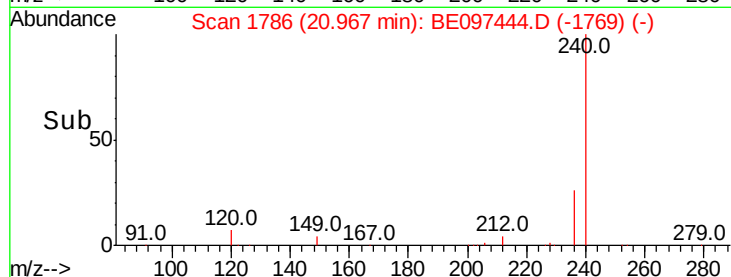
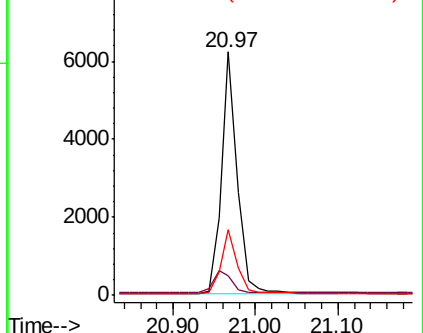
236 27.0 20.7 31.1



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: 0.549 ng

RT: 19.42 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097444.D

Acq: 10 Sep 2018 12:07

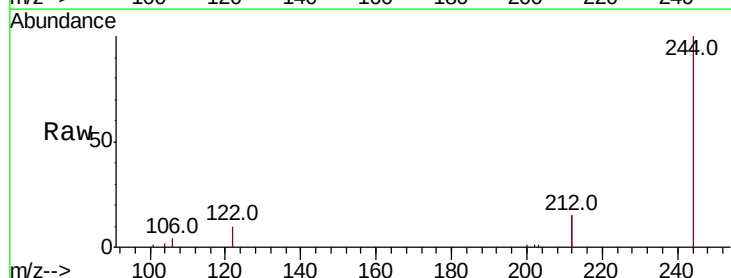
Tgt Ion:244 Resp: 8438

Ion Ratio Lower Upper

244 100

212 30.7 25.4 38.0

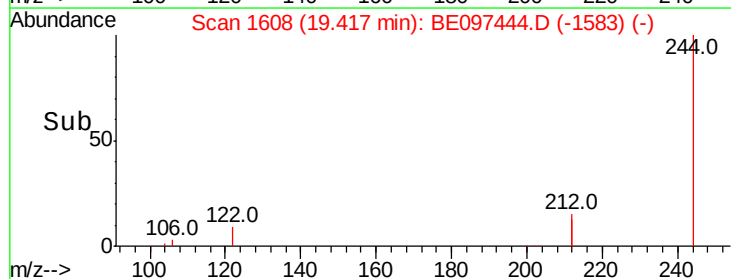
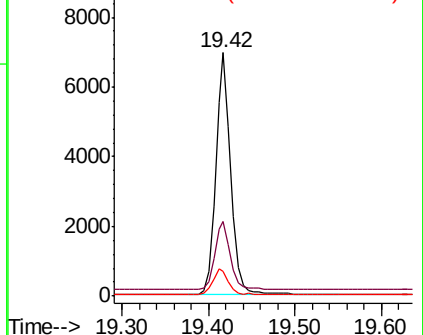
122 10.0 8.1 12.1

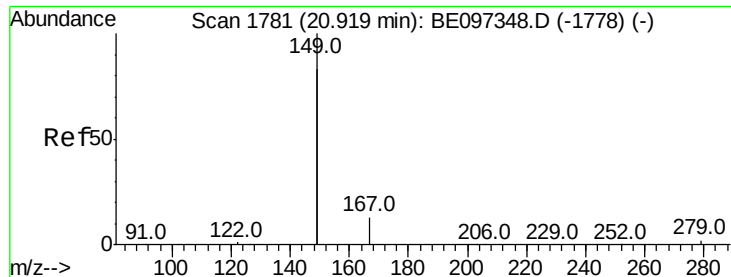


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.147 ng

RT: 20.91 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BE097444.D

Acq: 10 Sep 2018 12:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180904

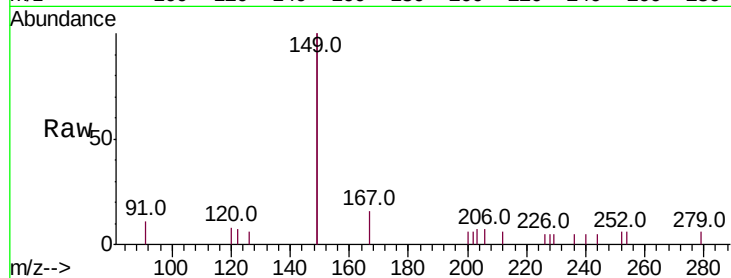
Tot Ion:149 Resp: 1736

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

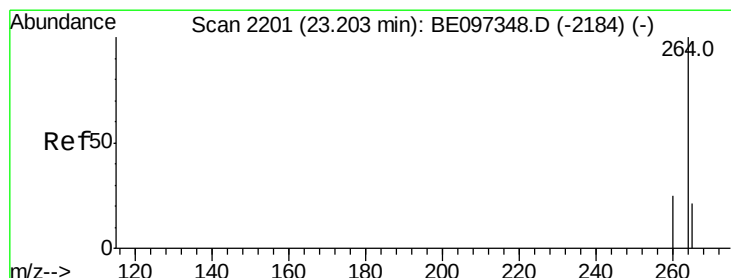
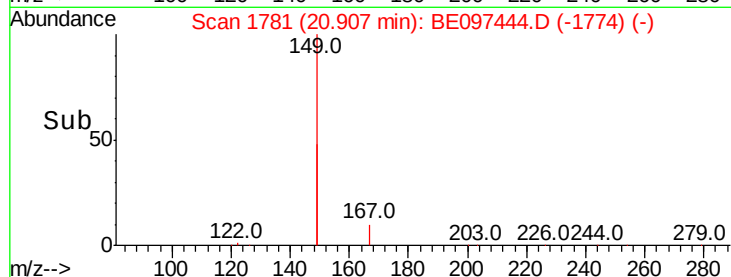
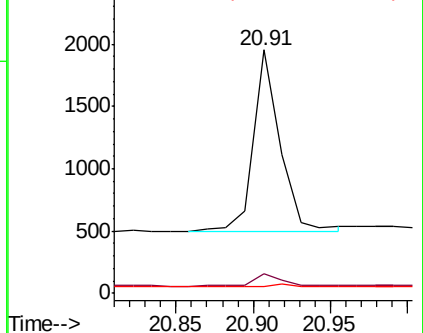
279 1.3 0.7 1.1#



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: 0.400 ng

RT: 23.20 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BE097444.D

Acq: 10 Sep 2018 12:07

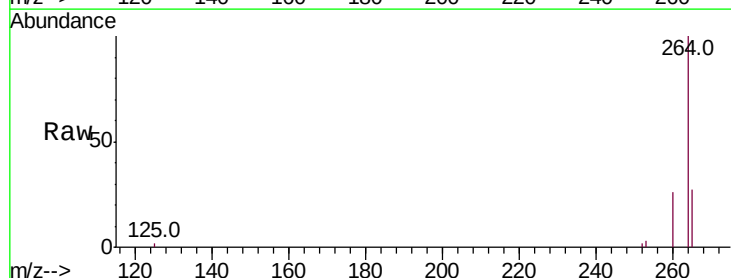
Tgt Ion:264 Resp: 8498

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 27.2 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

