

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062618\
 Data File : BE096847.D
 Acq On : 26 Jun 2018 11:44
 Operator : SJ/JU
 Sample : J3685-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180619

Quant Time: Jun 27 02:36:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 20 15:45:14 2018
 Response via : Initial Calibration

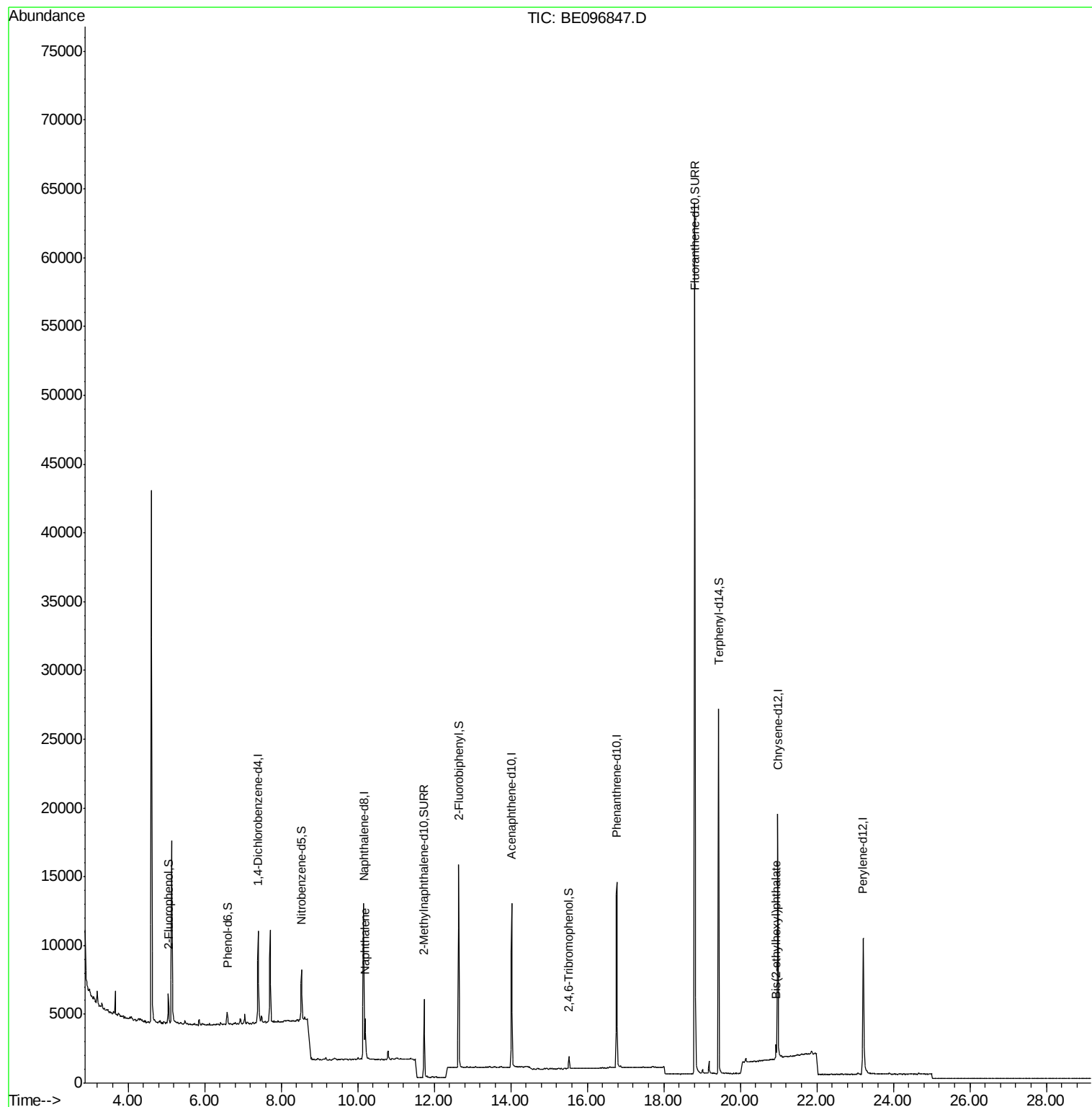
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2888	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13132	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6644	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	20003	0.40	ng	0.00
27) Chrysene-d12	20.98	240	16559	0.40	ng	0.00
34) Perylene-d12	23.21	264	14722	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	995	0.15	ng	0.00
5) Phenol-d6	6.60	99	840	0.09	ng	0.00
8) Nitrobenzene-d5	8.53	82	3182	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	7839	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	543	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	12927	0.53	ng	0.00
25) Fluoranthene-d10	18.81	212	85434	0.49	ng	0.00
29) Terphenyl-d14	19.44	244	22819	0.71	ng	0.00
Target Compounds						
9) Naphthalene	10.20	128	4465	0.037	ng	# 95
32) Bis(2-ethylhexyl)phthalate	20.93	149	1434	0.044	ng	# 97

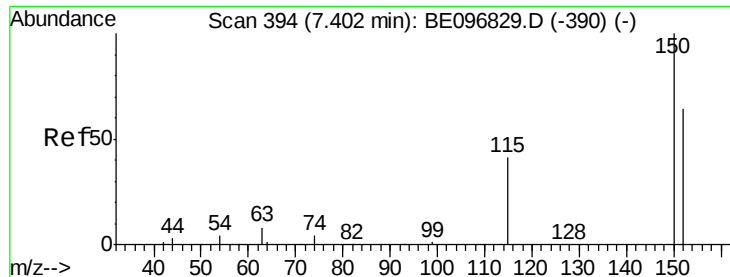
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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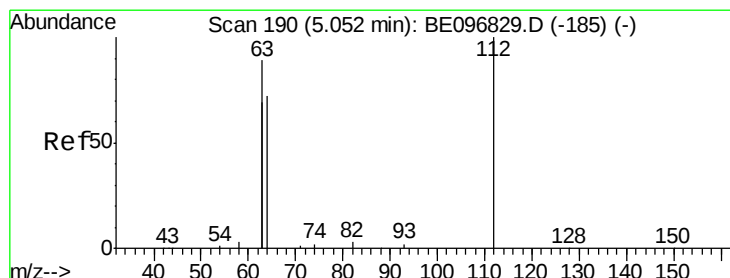
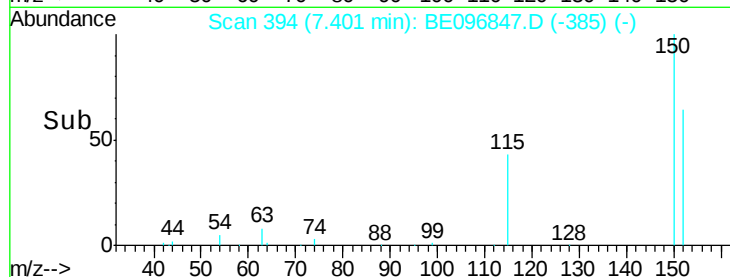
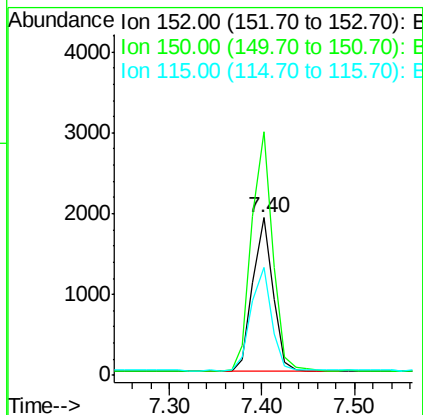
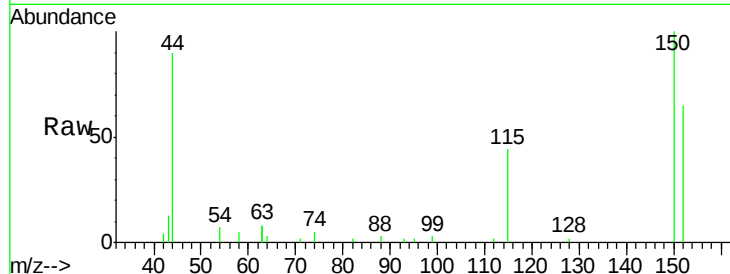


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096847.D
Acq: 26 Jun 2018 11:44

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180619

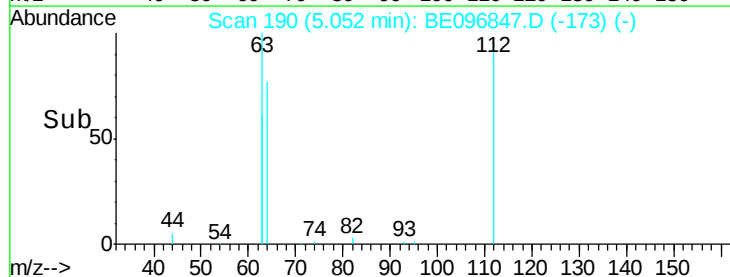
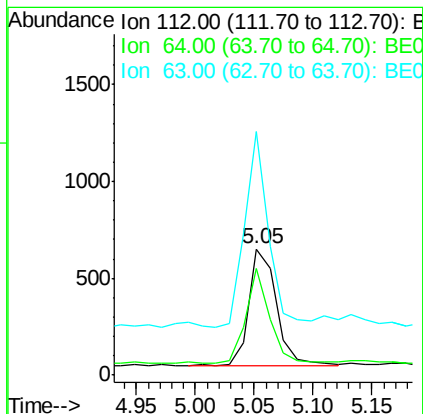
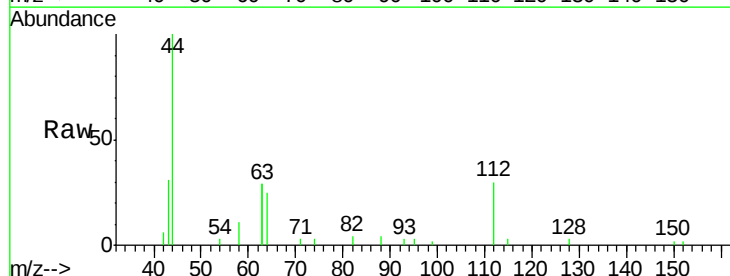
Tgt Ion:152 Resp: 2888
Ion Ratio Lower Upper
152 100
150 154.4 117.2 175.8
115 68.2 57.0 85.6

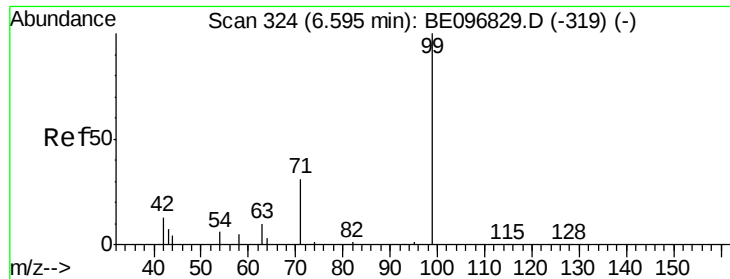


#4

2-Fluorophenol
Concen: 0.154 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096847.D
Acq: 26 Jun 2018 11:44

Tgt Ion:112 Resp: 995
Ion Ratio Lower Upper
112 100
64 70.9 60.1 90.1
63 143.5 116.8 175.2





#5

Phenol-d6

Concen: 0.087 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180619

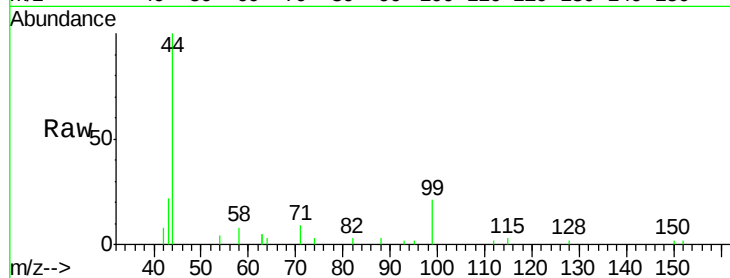
Tgt Ion: 99 Resp: 840

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

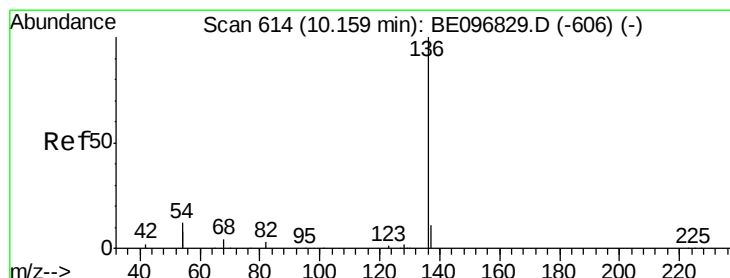
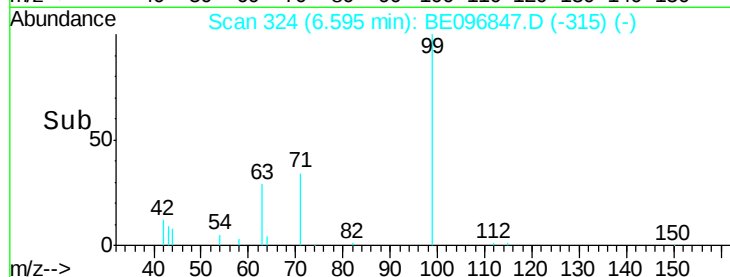
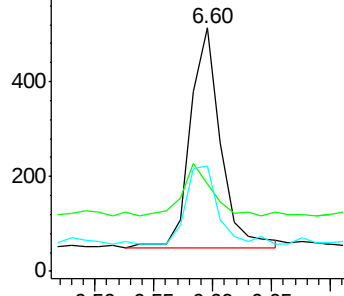
71 38.0 28.4 42.6



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: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

Tgt Ion: 136 Resp: 13132

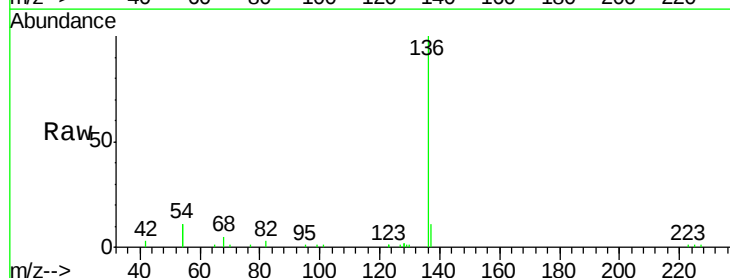
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 22.7 29.1 43.7#

68 4.9 6.2 9.2#

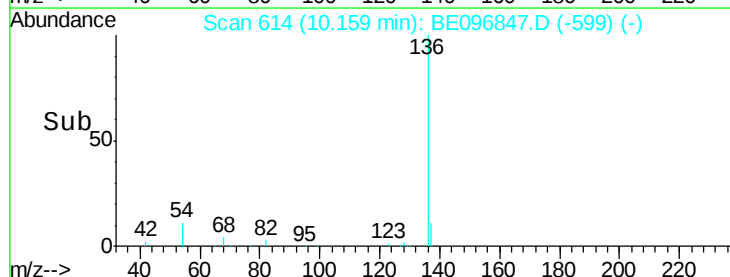
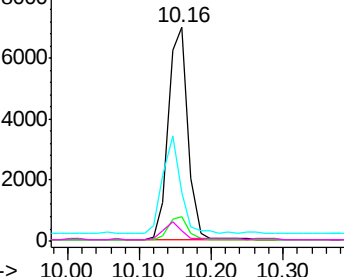


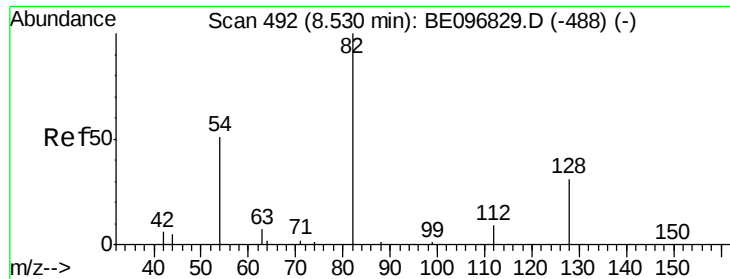
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180619

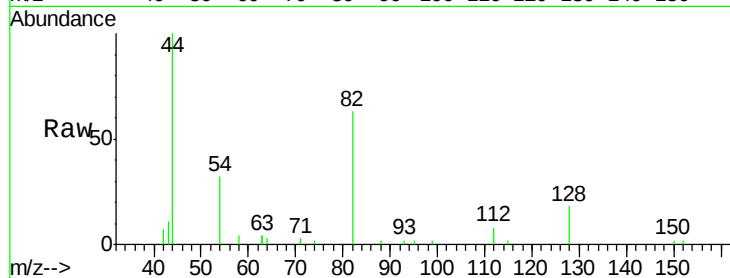
Tgt Ion: 82 Resp: 3182

Ion Ratio Lower Upper

82 100

128 29.1 24.0 36.0

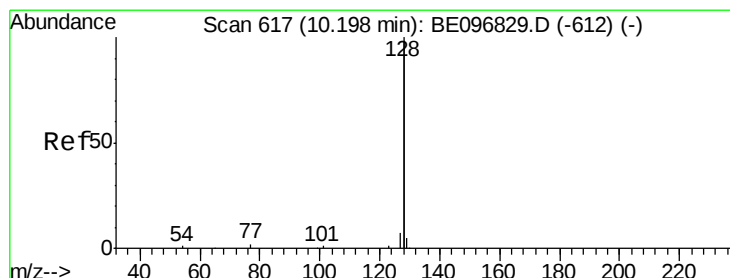
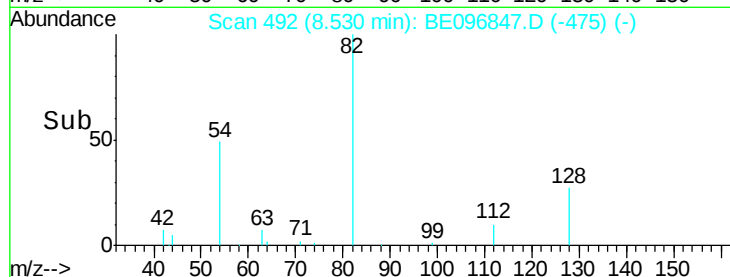
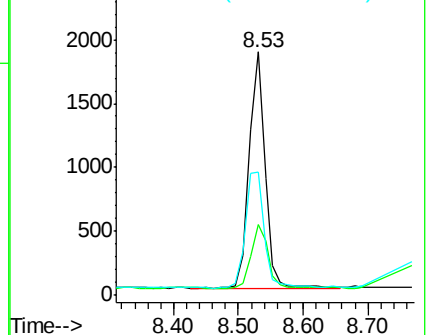
54 50.8 40.0 60.0



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



#9

Naphthalene

Concen: 0.037 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

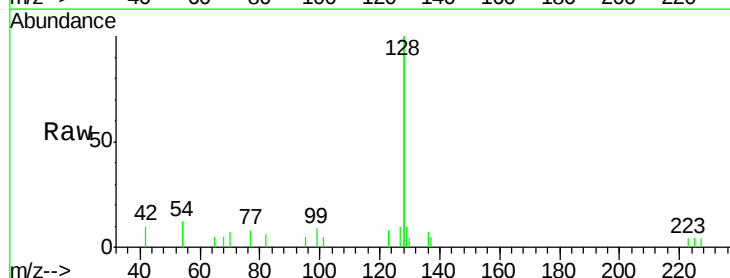
Tgt Ion: 128 Resp: 4465

Ion Ratio Lower Upper

128 100

129 5.2 2.6 3.8#

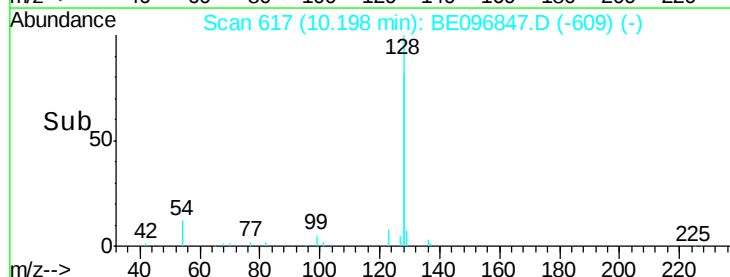
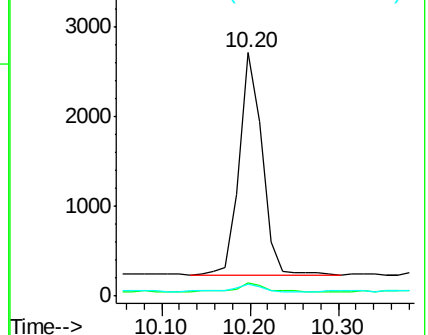
127 4.8 2.8 4.2#

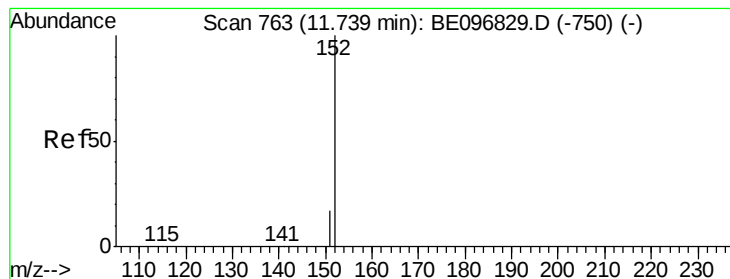


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.415 ng

RT: 11.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

Instrument :

BNA_E

ClientSampleId :

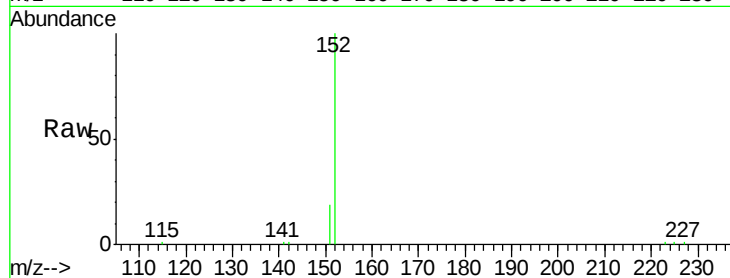
OUTFALL001-180619

Tgt Ion:152 Resp: 7839

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

5000

4000

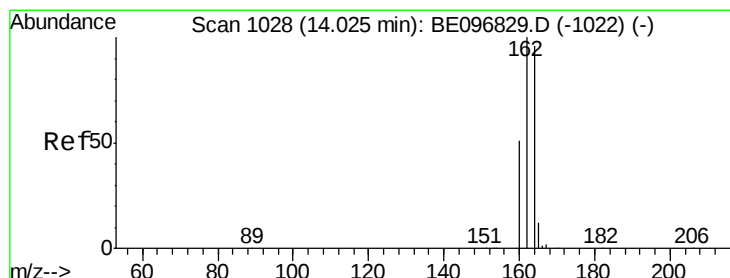
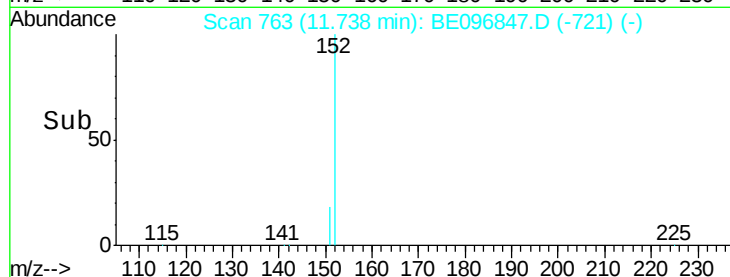
3000

2000

1000

0

Time--> 11.70 11.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

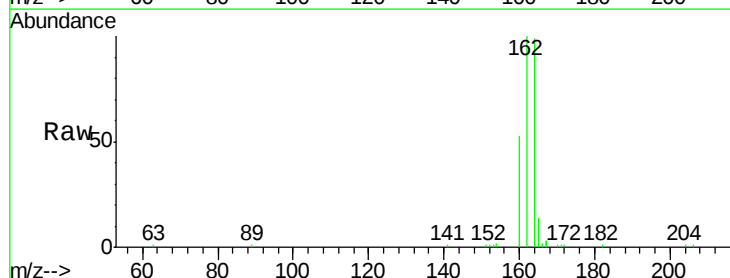
Tgt Ion:164 Resp: 6644

Ion Ratio Lower Upper

164 100

162 101.5 83.1 124.7

160 54.1 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

14.03

6000

5000

4000

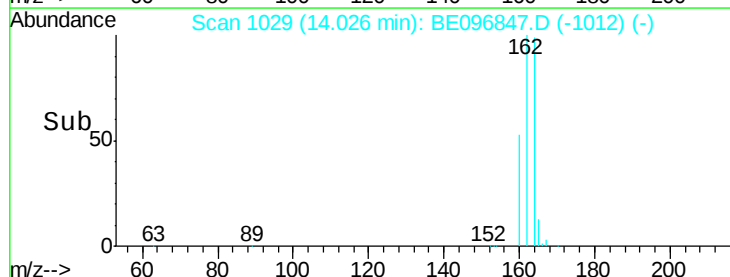
3000

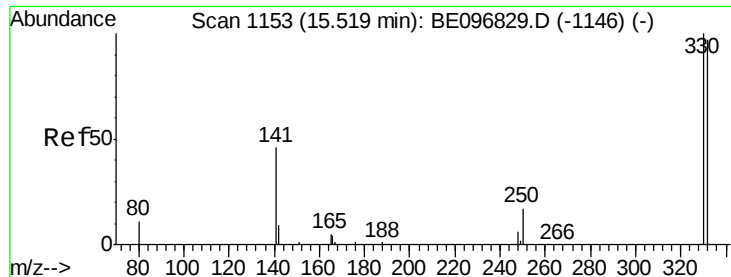
2000

1000

0

Time--> 13.80 14.00 14.20

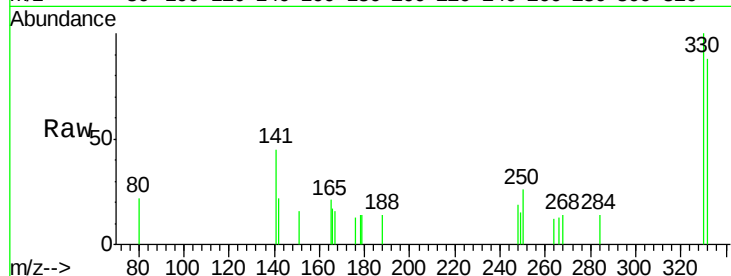




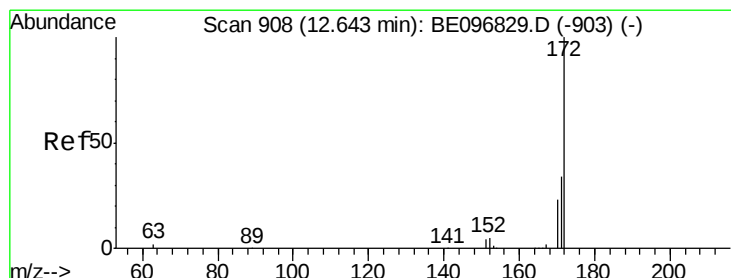
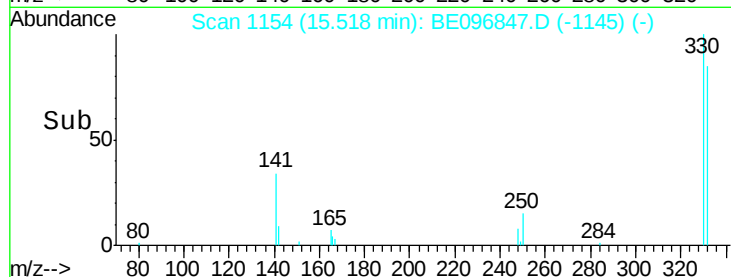
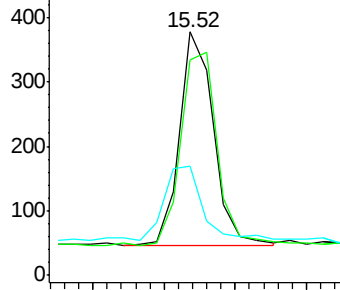
#14
 2,4,6-Tribromophenol
 Concen: 0.398 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE096847.D
 Acq: 26 Jun 2018 11:44

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180619

Tgt Ion: 330 Resp: 543
 Ion Ratio Lower Upper
 330 100
 332 98.9 152.7 229.1#
 141 40.1 33.7 50.5

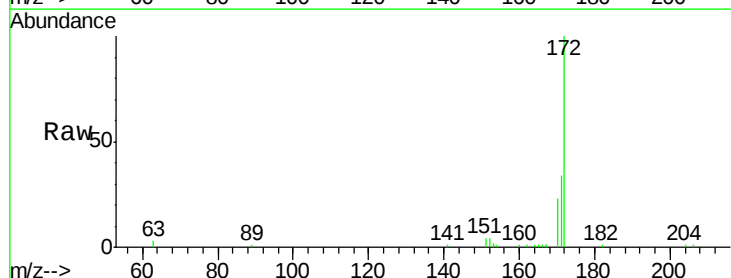


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

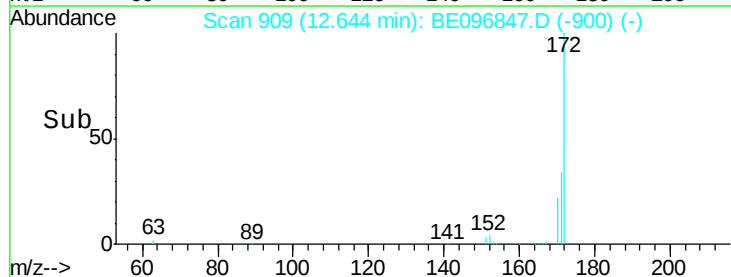
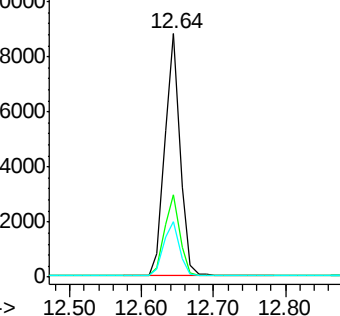


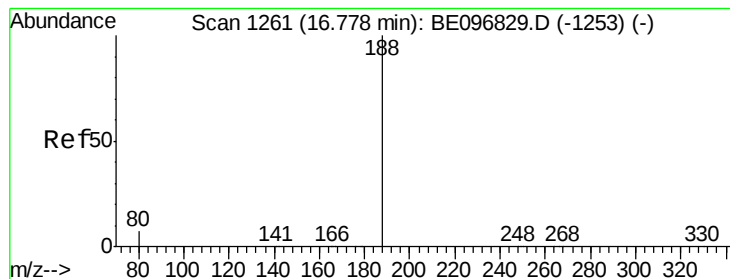
#15
 2-Fluorobiphenyl
 Concen: 0.532 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE096847.D
 Acq: 26 Jun 2018 11:44

Tgt Ion: 172 Resp: 12927
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.9 44.9
 170 22.9 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: 16.78 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180619

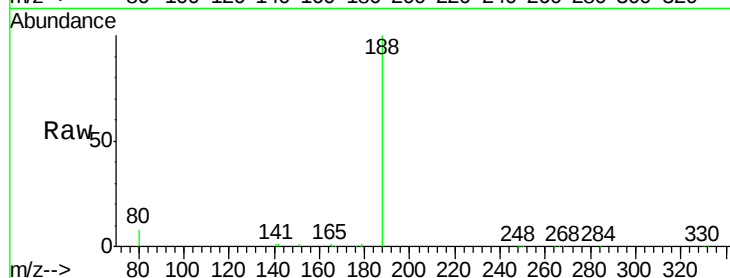
Tgt Ion:188 Resp: 20003

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

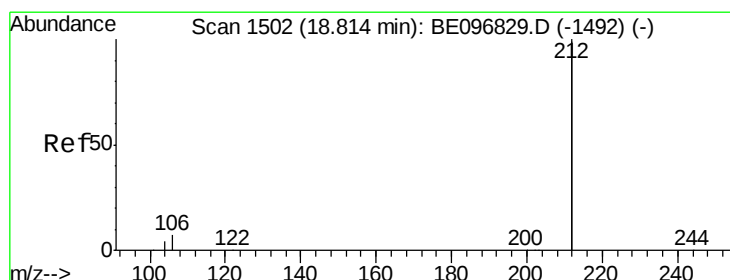
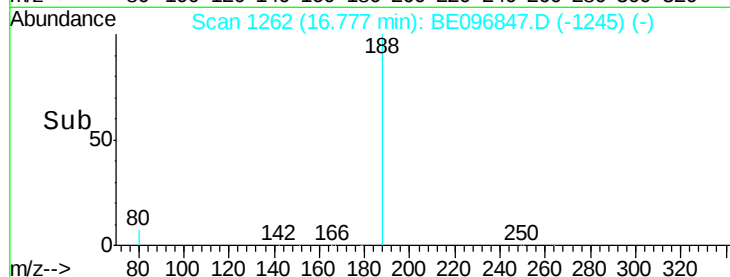
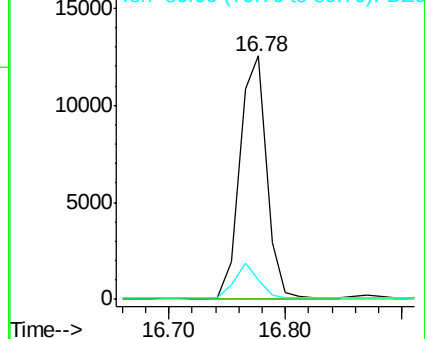
80 7.9 3.6 5.4#



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: 0.485 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

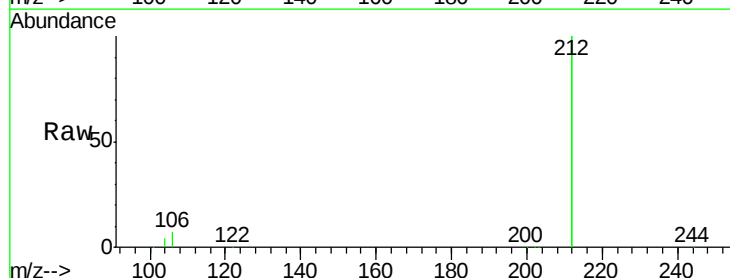
Tgt Ion:212 Resp: 85434

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

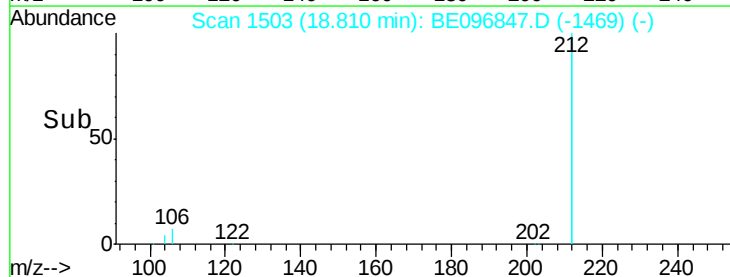
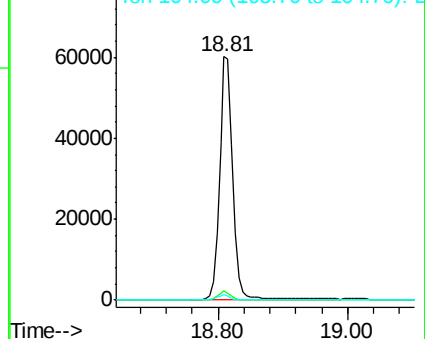
104 1.9 1.6 2.4

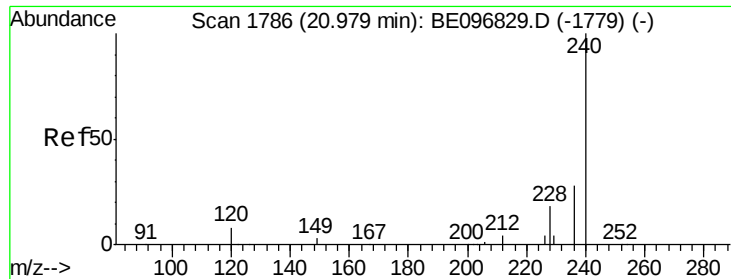


Abundance Ion 212.00 (211.70 to 212.70): E

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: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

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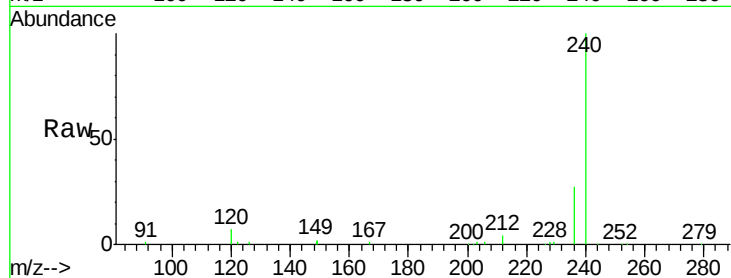
Tgt Ion:240 Resp: 16559

Ion Ratio Lower Upper

240 100

120 7.2 5.5 8.3

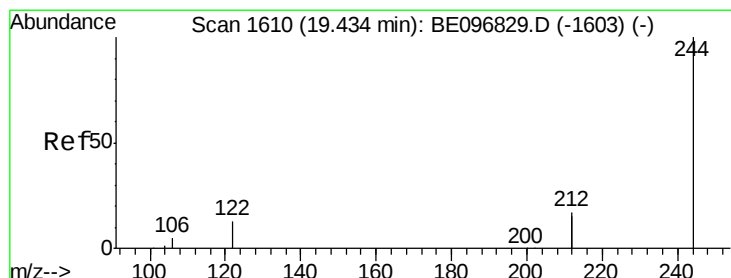
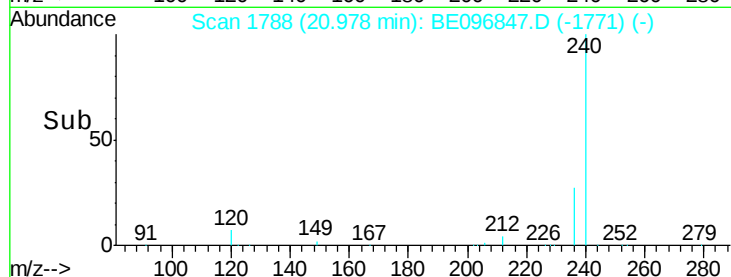
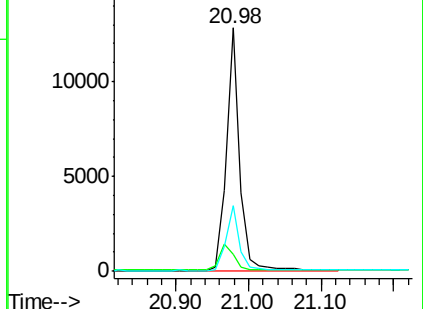
236 27.0 20.7 31.1



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: 0.714 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

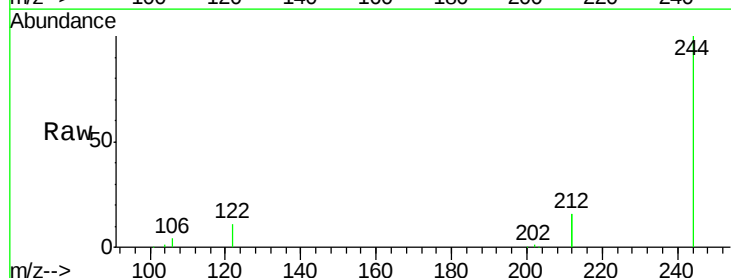
Tgt Ion:244 Resp: 22819

Ion Ratio Lower Upper

244 100

212 32.1 25.4 38.0

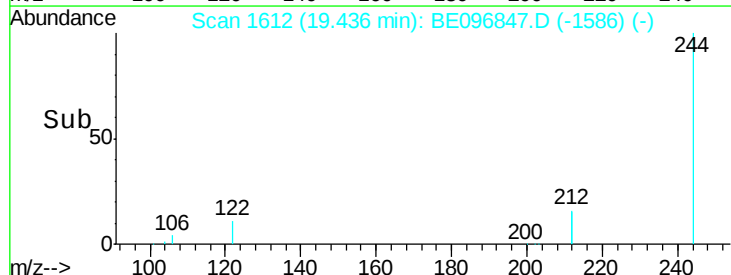
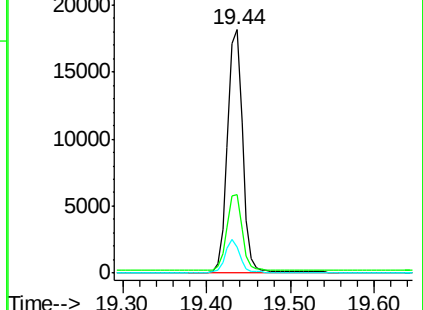
122 10.8 8.1 12.1

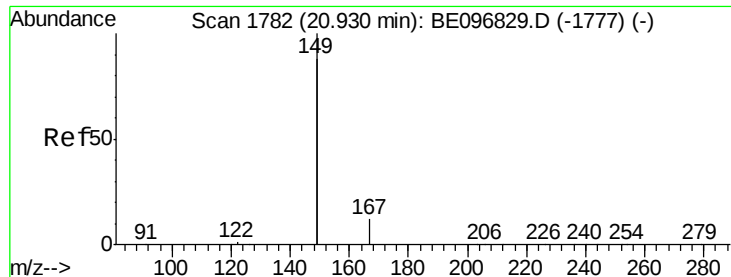


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

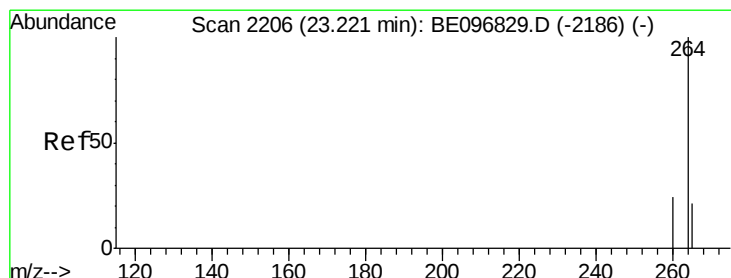
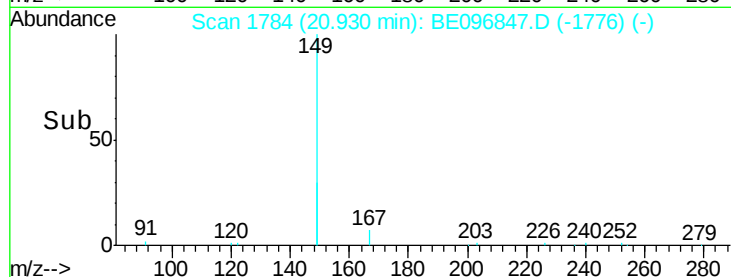
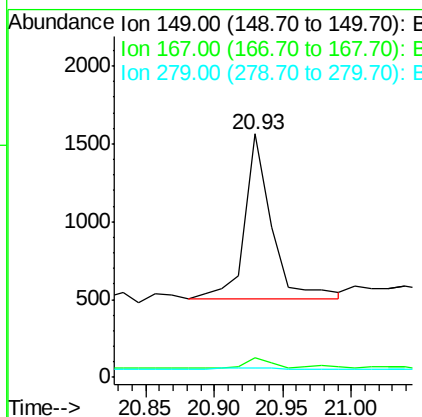
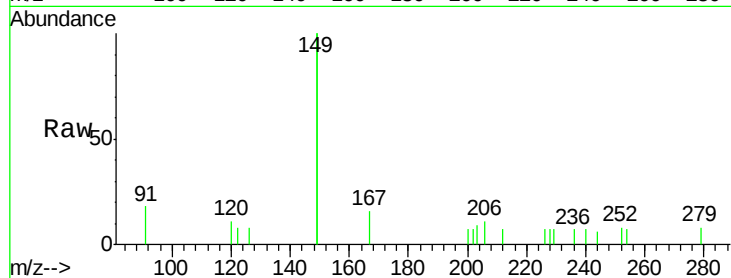




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.044 ng
 RT: 20.93 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BE096847.D
 Acq: 26 Jun 2018 11:44

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180619

Tgt Ion:149 Resp: 1434
 Ion Ratio Lower Upper
 149 100
 167 5.5 5.4 8.0
 279 2.4 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE096847.D
 Acq: 26 Jun 2018 11:44

Tgt Ion:264 Resp: 14722
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.5 30.7
 265 24.2 22.8 34.2

