

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE092818\
 Data File : BE097703.D
 Acq On : 28 Sep 2018 14:20
 Operator : SJ/JU
 Sample : J4996-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180918

Quant Time: Sep 28 15:36:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 28 14:22:40 2018
 Response via : Initial Calibration

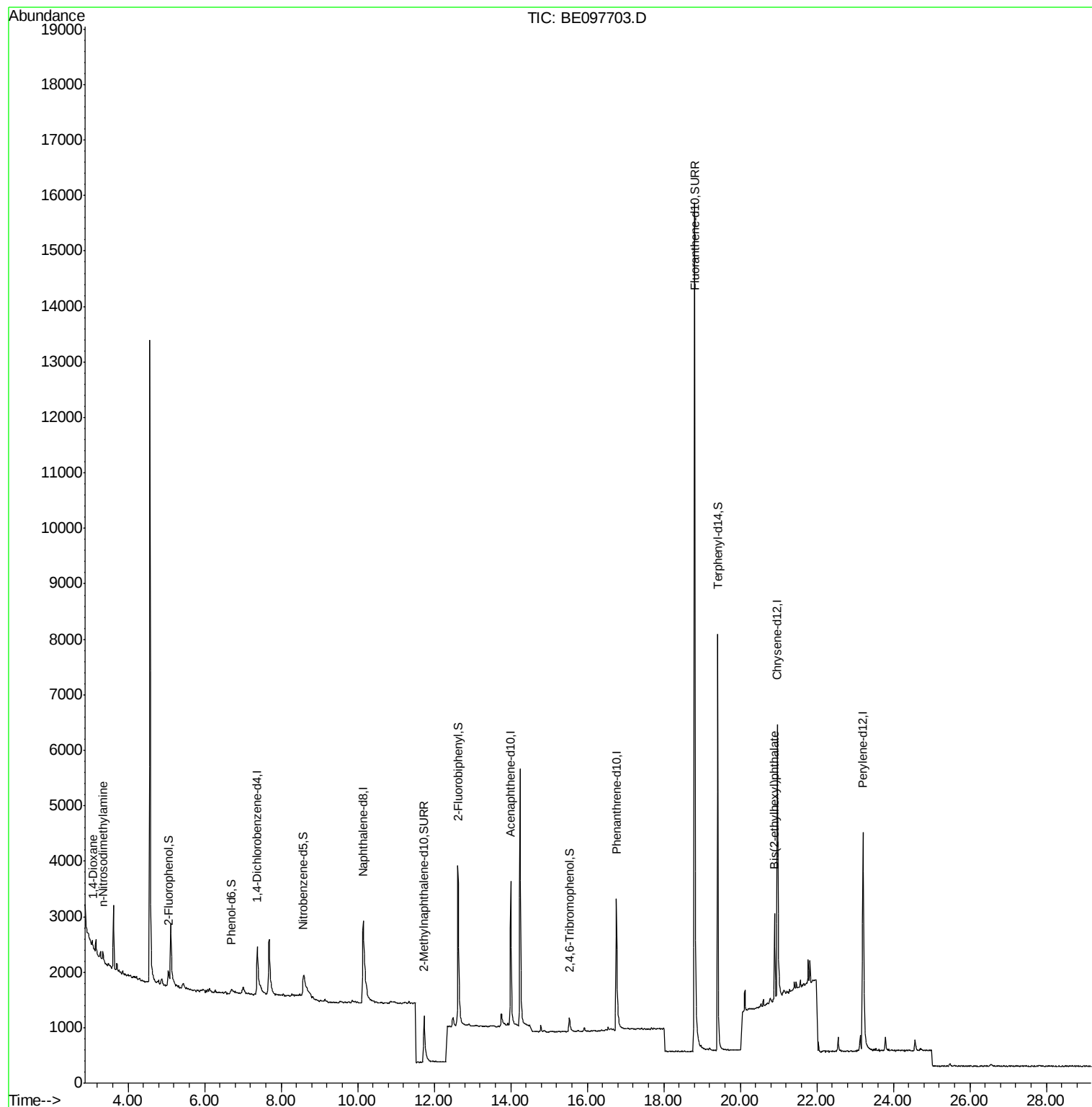
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	707	0.40	ng	0.01
7) Naphthalene-d8	10.15	136	3352	0.40	ng	0.03
13) Acenaphthene-d10	14.00	164	1803	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	4912	0.40	ng	0.01
27) Chrysene-d12	20.97	240	6826	0.40	ng	0.00
34) Perylene-d12	23.21	264	7108	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	375	0.21	ng	0.00
5) Phenol-d6	6.70	99	247	0.10	ng	0.08
8) Nitrobenzene-d5	8.58	82	1235	0.52	ng	0.03
11) 2-Methylnaphthalene-d10	11.73	152	2232	0.43	ng	0.01
14) 2,4,6-Tribromophenol	15.53	330	273	0.39	ng	0.01
15) 2-Fluorobiphenyl	12.62	172	4322	0.57	ng	0.00
25) Fluoranthene-d10	18.80	212	29101	0.49	ng	0.00
29) Terphenyl-d14	19.41	244	7597	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	61	0.041	ng	Qvalue # 28
3) n-Nitrosodimethylamine	3.34	42	39	0.044	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.90	149	2196	0.105	ng	# 100

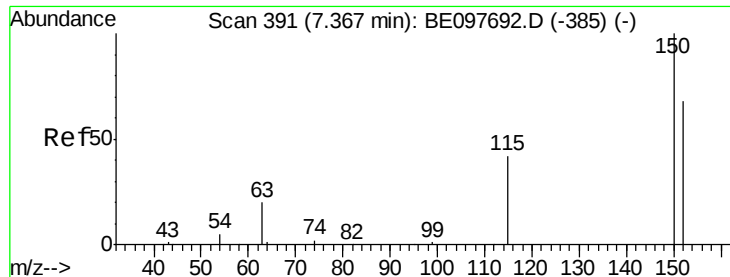
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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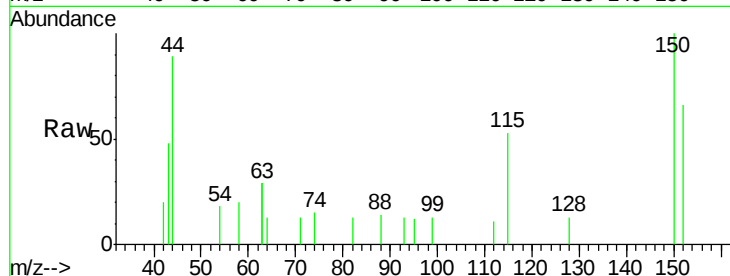


#1

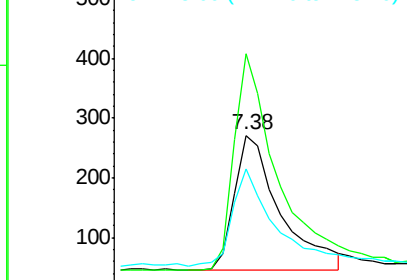
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.01 min
Lab File: BE097703.D
Acq: 28 Sep 2018 14:20

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180918

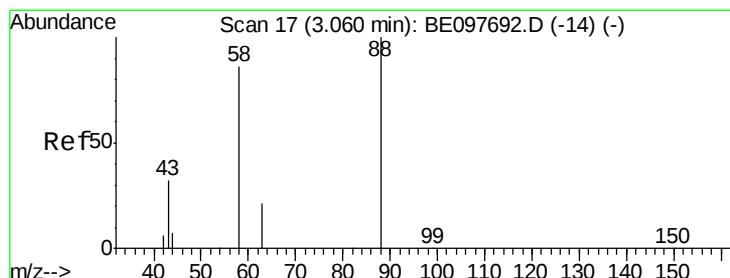
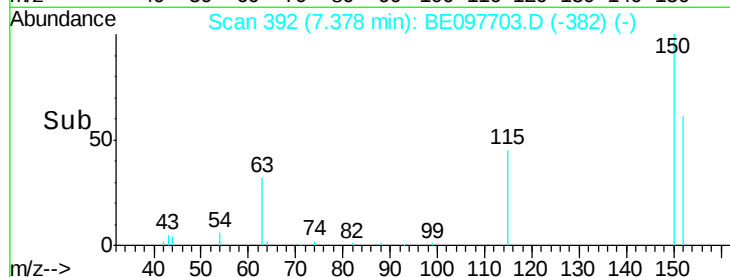
Tgt Ion:152 Resp: 707
Ion Ratio Lower Upper
152 100
150 150.6 117.2 175.8
115 79.7 57.0 85.6



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



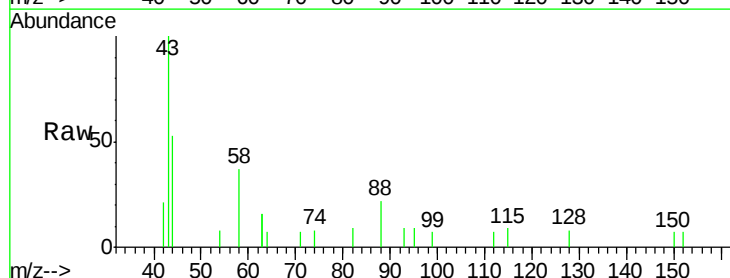
Time-->



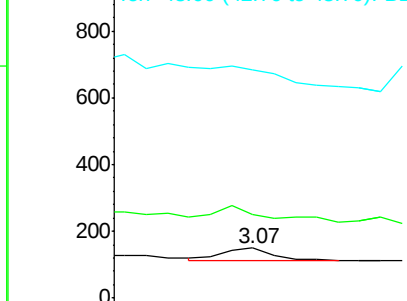
#2

1,4-Dioxane
Concen: 0.041 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.01 min
Lab File: BE097703.D
Acq: 28 Sep 2018 14:20

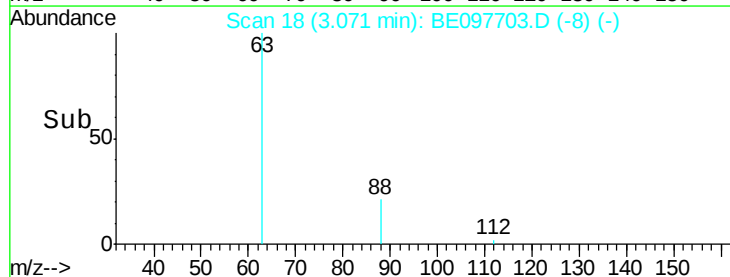
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
58 141.0 63.2 94.8#
43 0.0 41.2 61.8#

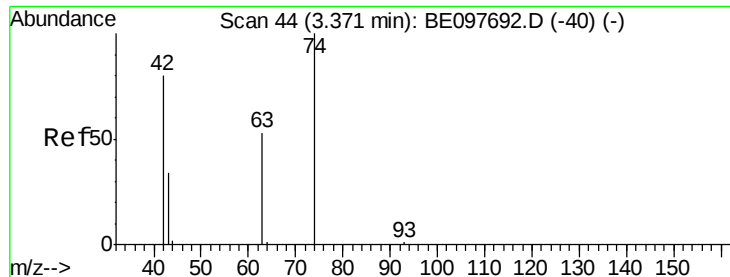


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.044 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.03 min

Lab File: BE097703.D

Acq: 28 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180918

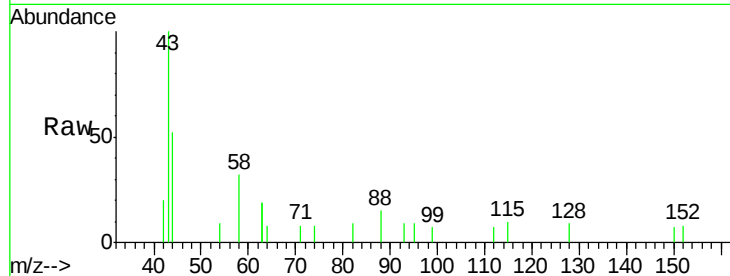
Tgt Ion: 42 Resp: 39

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

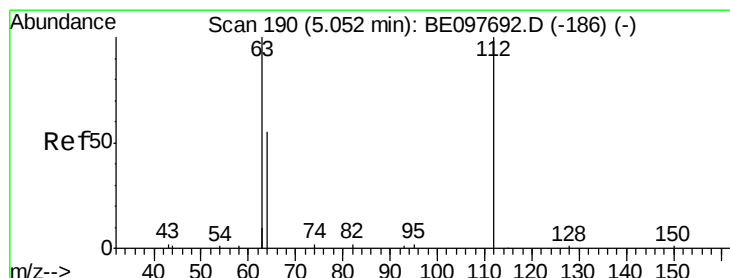
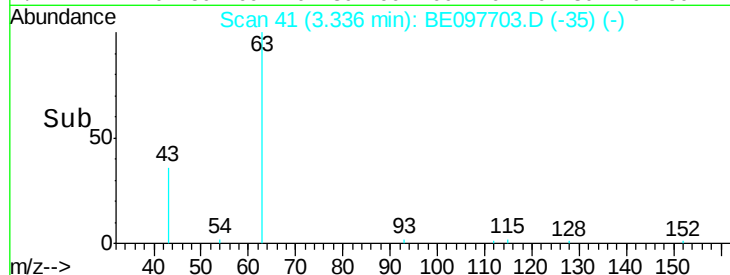
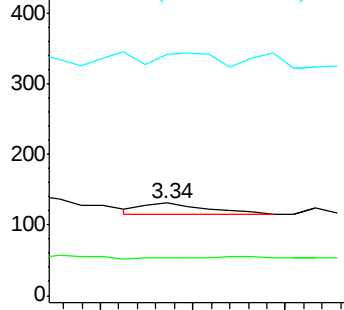
44 100.0 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.215 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097703.D

Acq: 28 Sep 2018 14:20

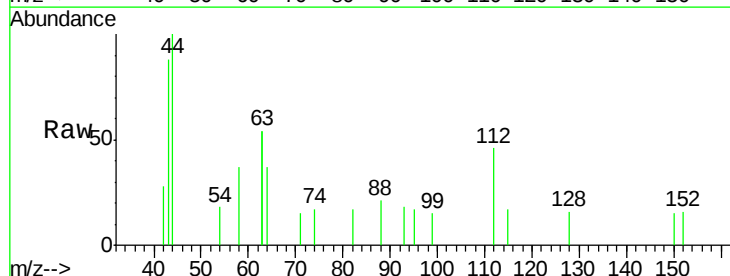
Tgt Ion: 112 Resp: 375

Ion Ratio Lower Upper

112 100

64 73.6 60.1 90.1

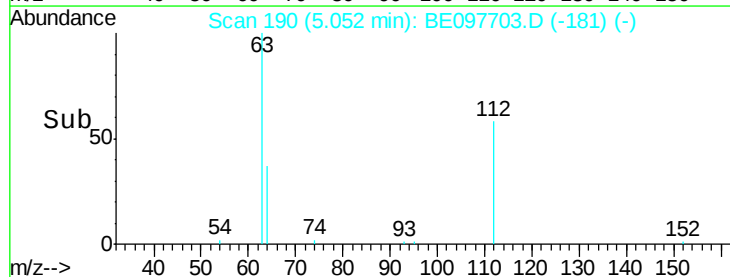
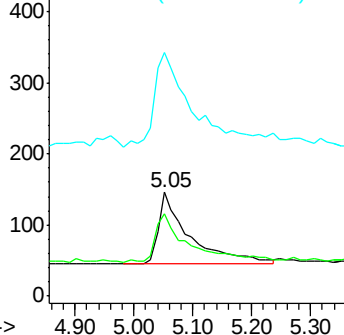
63 155.2 116.8 175.2

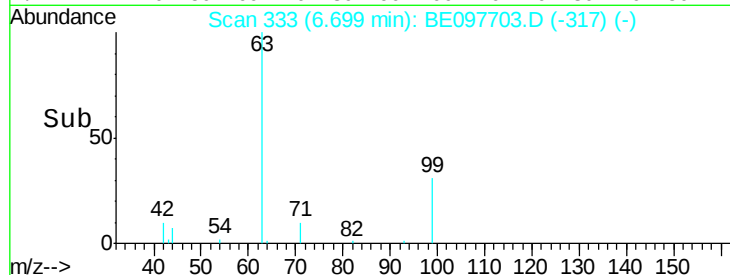
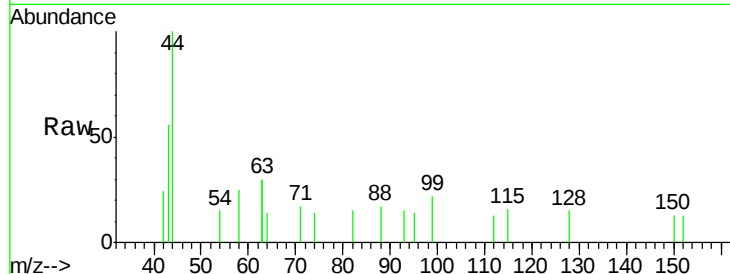
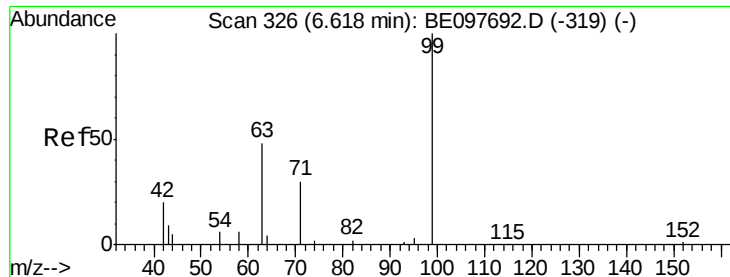


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.103 ng

RT: 6.70 min Scan# 333

Delta R.T. 0.08 min

Lab File: BE097703.D

Acq: 28 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180918

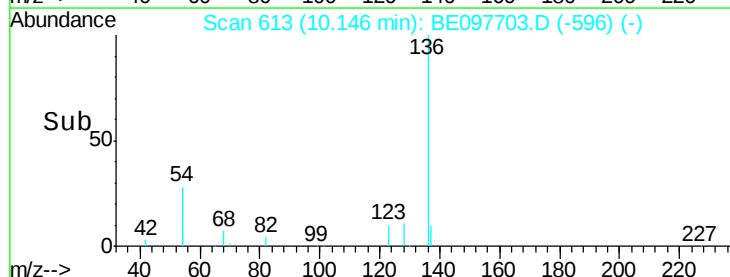
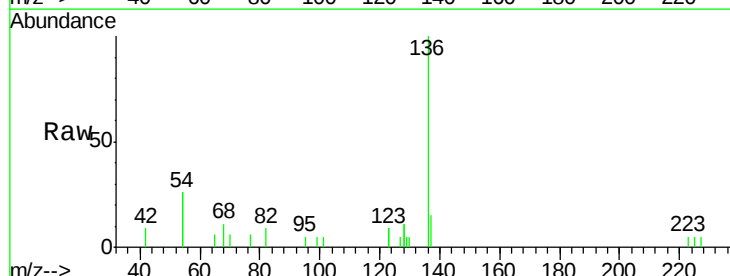
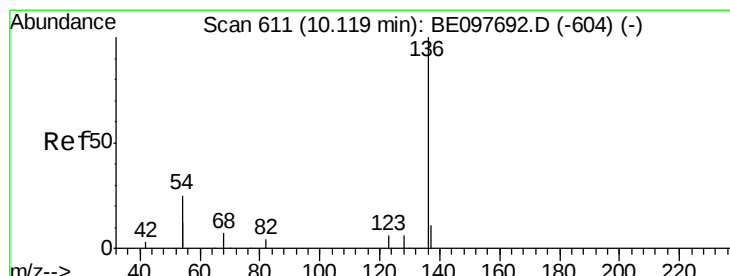
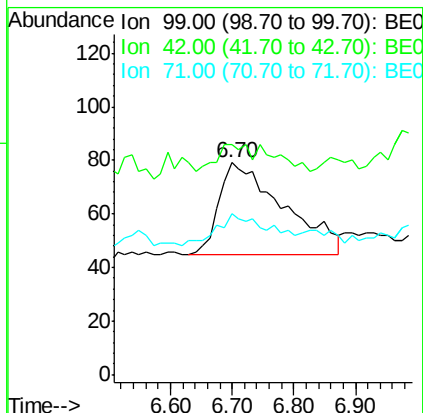
Tgt Ion: 99 Resp: 247

Ion Ratio Lower Upper

99 100

42 14.2 20.2 30.2#

71 28.3 28.4 42.6#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.03 min

Lab File: BE097703.D

Acq: 28 Sep 2018 14:20

Tgt Ion: 136 Resp: 3352

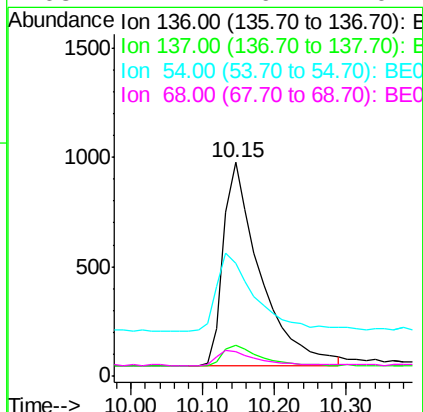
Ion Ratio Lower Upper

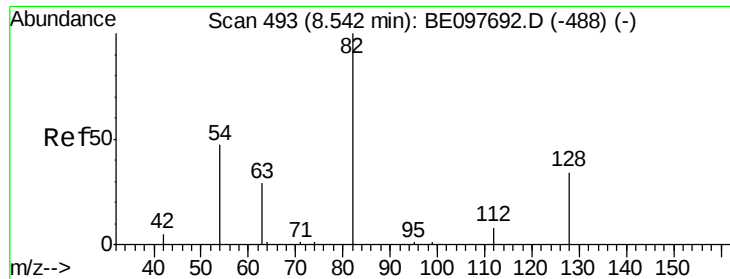
136 100

137 14.6 9.5 14.3#

54 52.8 29.1 43.7#

68 11.4 6.2 9.2#

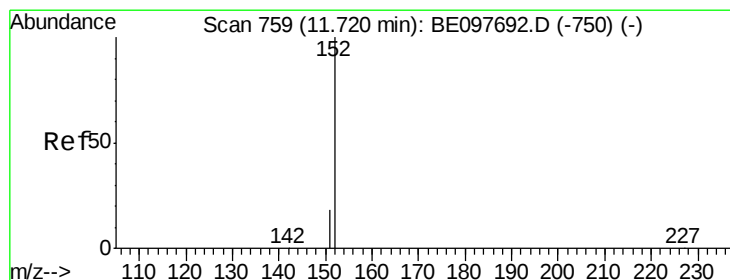
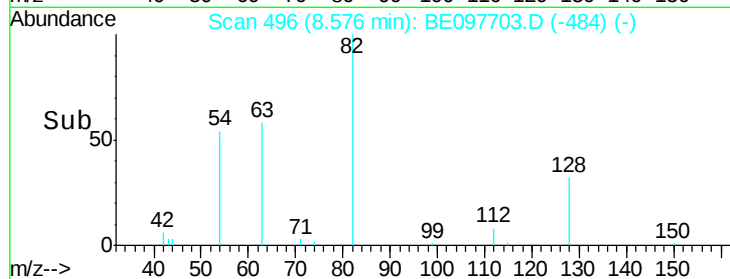
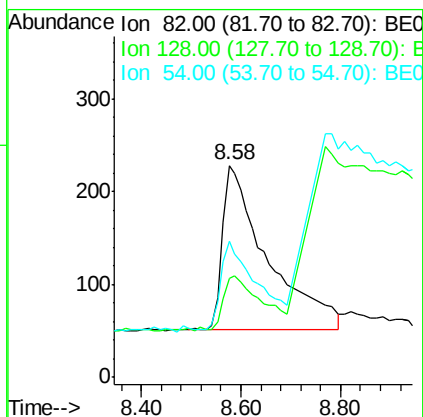
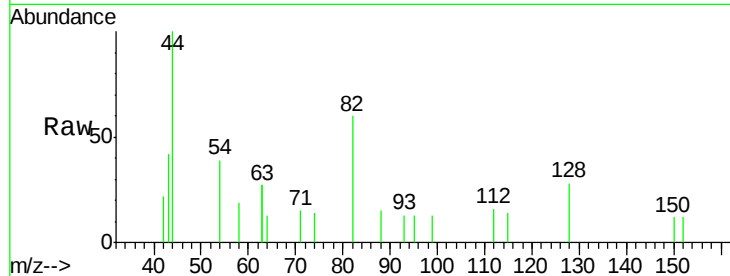




#8
 Nitrobenzene-d5
 Concen: 0.520 ng
 RT: 8.58 min Scan# 496
 Delta R.T. 0.03 min
 Lab File: BE097703.D
 Acq: 28 Sep 2018 14:20

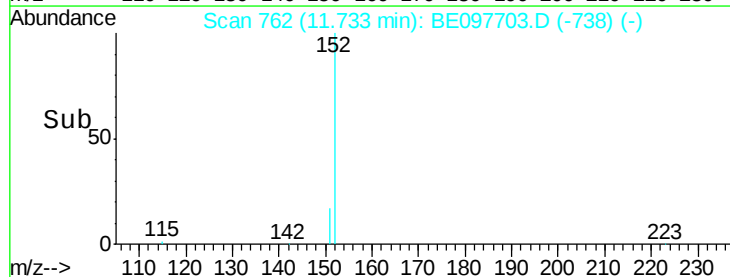
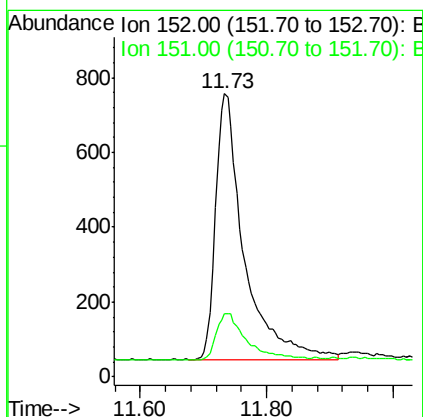
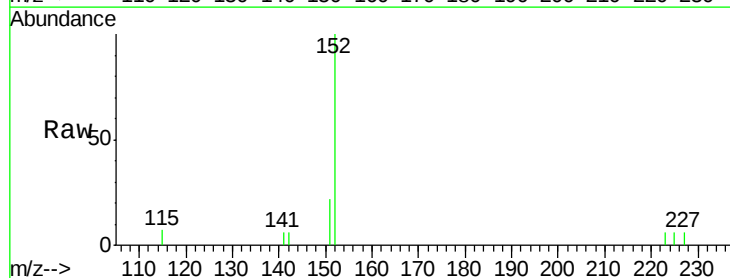
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180918

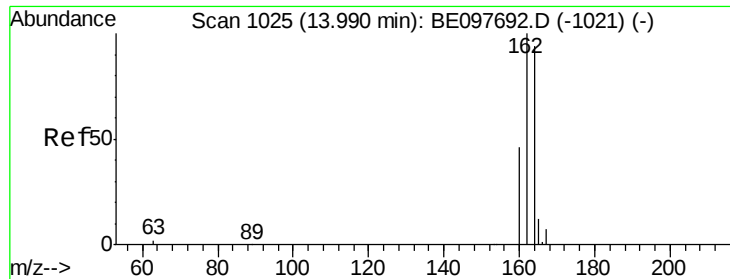
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	24.0	36.0#
54	64.5	40.0	60.0#



#11
 2-Methylnaphthalene-d10
 Concen: 0.429 ng
 RT: 11.73 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BE097703.D
 Acq: 28 Sep 2018 14:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

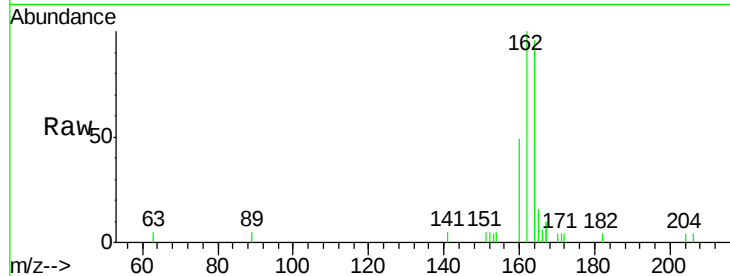




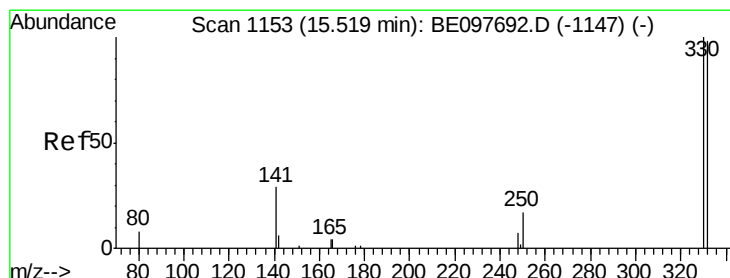
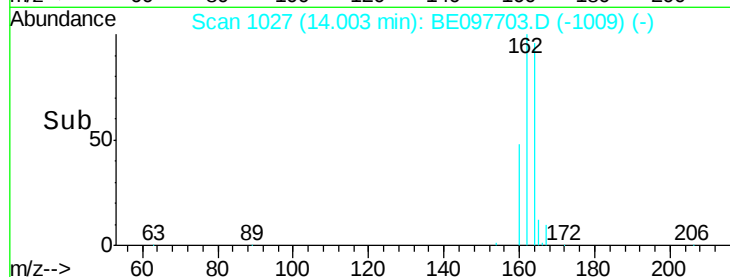
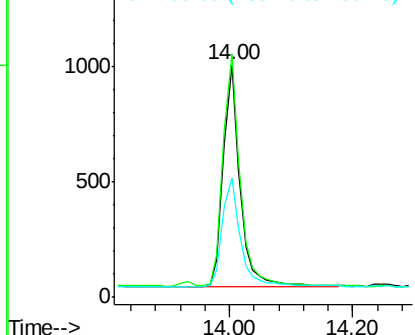
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE097703.D
Acq: 28 Sep 2018 14:20

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180918

Tgt Ion:164 Resp: 1803
Ion Ratio Lower Upper
164 100
162 104.7 83.1 124.7
160 51.6 37.1 55.7

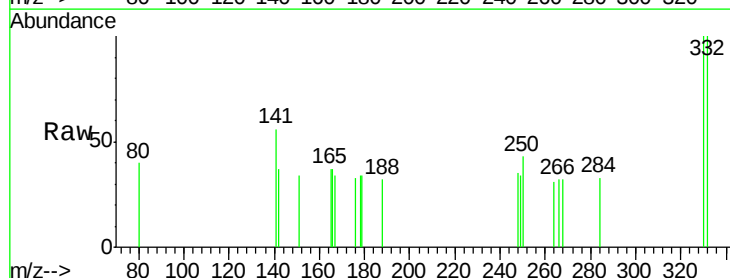


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

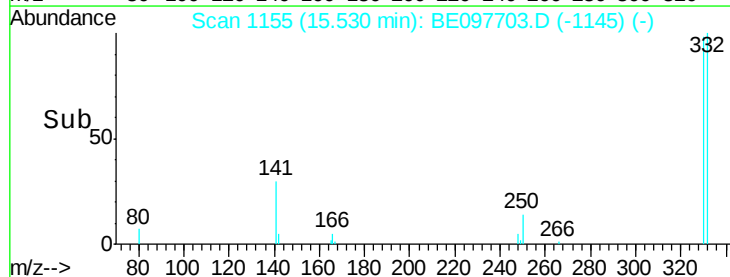
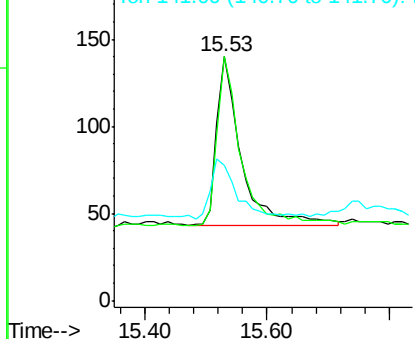


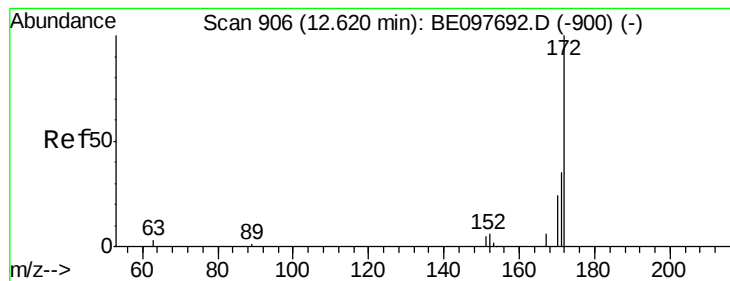
#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097703.D
Acq: 28 Sep 2018 14:20

Tgt Ion:330 Resp: 273
Ion Ratio Lower Upper
330 100
332 97.4 152.7 229.1#
141 33.7 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: 0.571 ng

RT: 12.62 min Scan# 907

Delta R.T. 0.00 min

Lab File: BE097703.D

Acq: 28 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180918

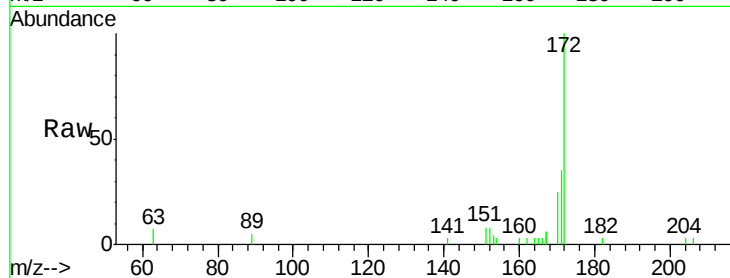
Tgt Ion:172 Resp: 4322

Ion Ratio Lower Upper

172 100

171 34.8 29.9 44.9

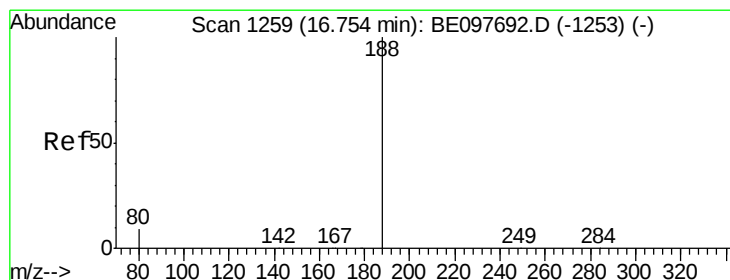
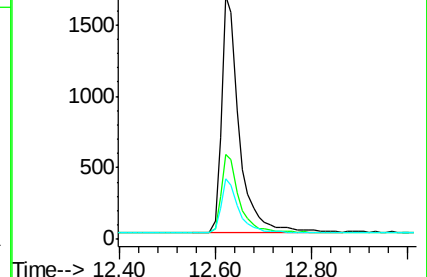
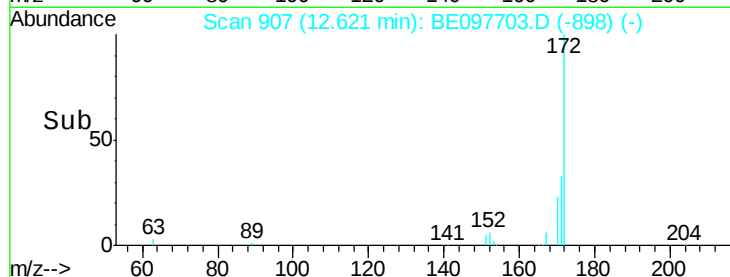
170 24.8 21.8 32.8



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: 16.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097703.D

Acq: 28 Sep 2018 14:20

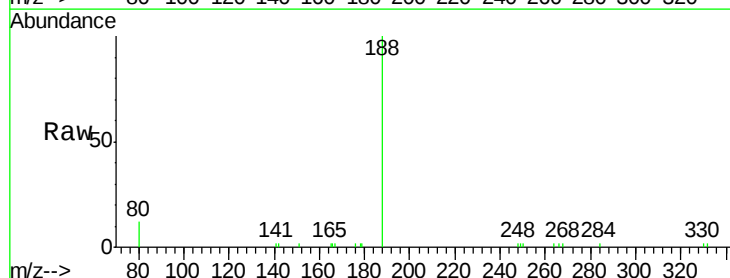
Tgt Ion:188 Resp: 4912

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

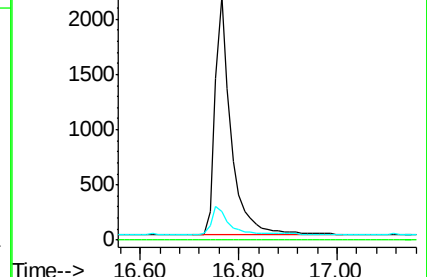
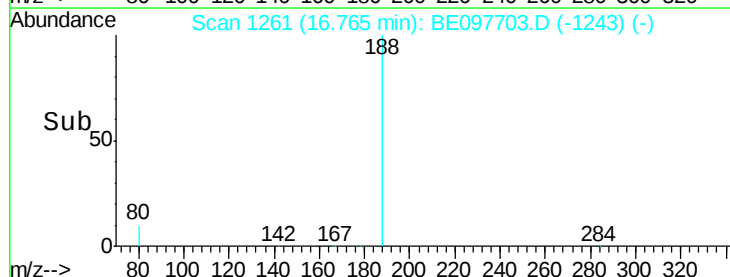
80 11.7 3.6 5.4#

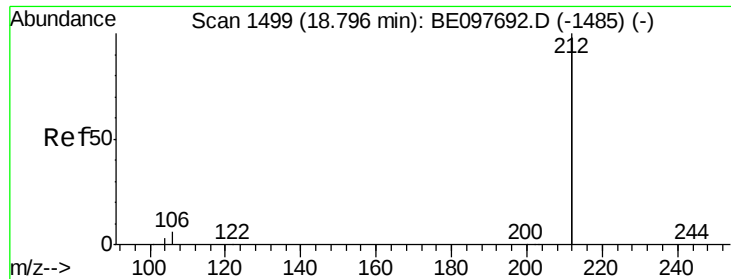


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.489 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BE097703.D

Acq: 28 Sep 2018 14:20

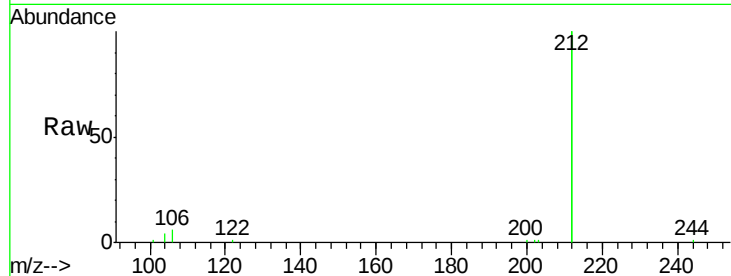
Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180918

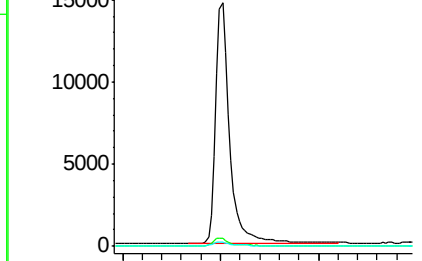
Tgt Ion:	212	Resp:	29101
Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4



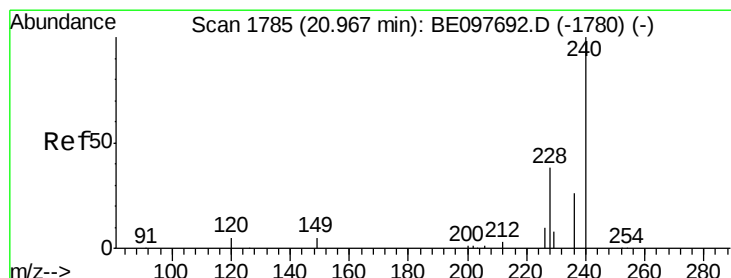
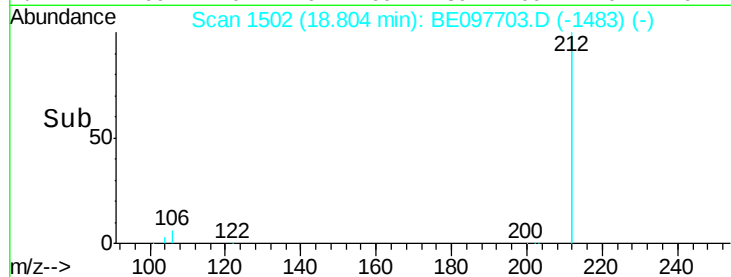
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.60 18.80 19.00



#27

Chrysene-d12

Concen: 0.400 ng

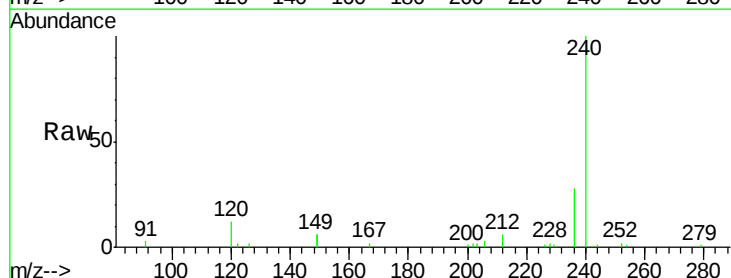
RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097703.D

Acq: 28 Sep 2018 14:20

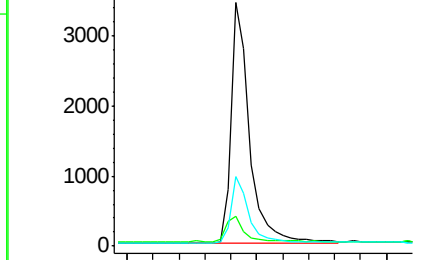
Tgt Ion:	240	Resp:	6826
Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.5	8.3#
236	28.4	20.7	31.1



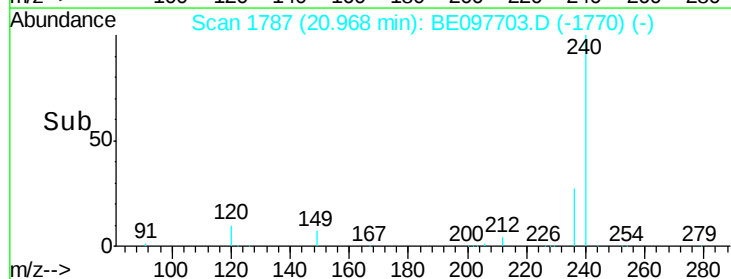
Abundance Ion 240.00 (239.70 to 240.70): E

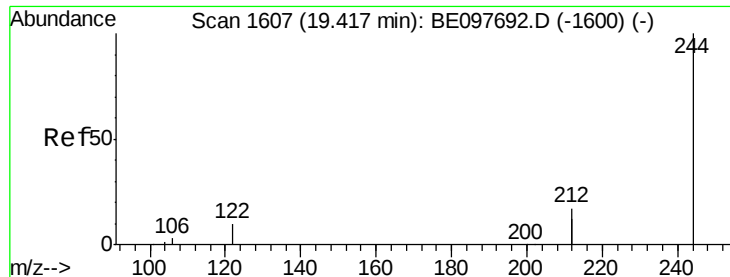
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 20.80 21.00 21.20





#29

Terphenyl-d14

Concen: 0.515 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097703.D

Acq: 28 Sep 2018 14:20

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180918

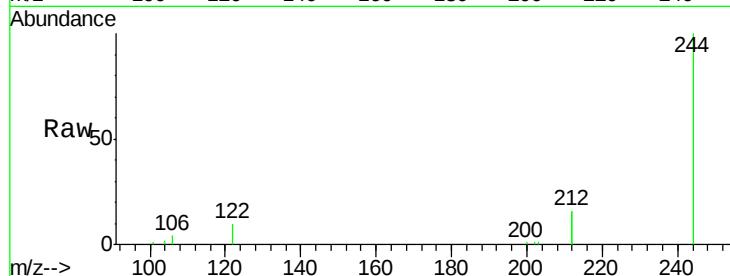
Tgt Ion:244 Resp: 7597

Ion Ratio Lower Upper

244 100

212 31.4 25.4 38.0

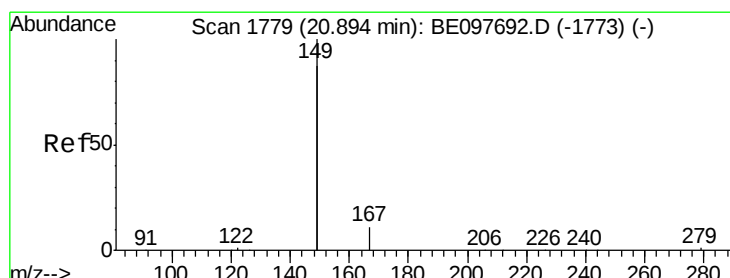
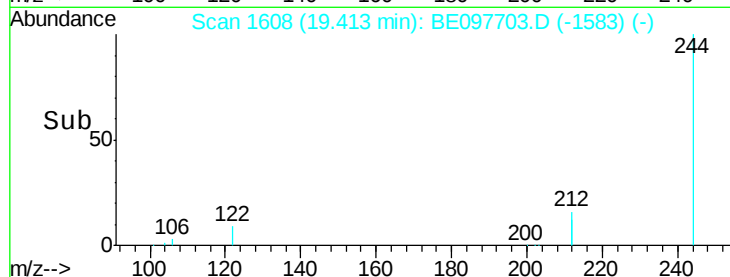
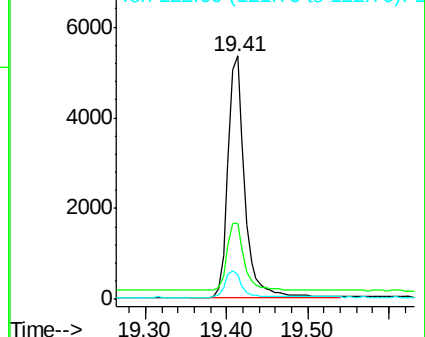
122 10.1 8.1 12.1



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: 0.105 ng

RT: 20.90 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097703.D

Acq: 28 Sep 2018 14:20

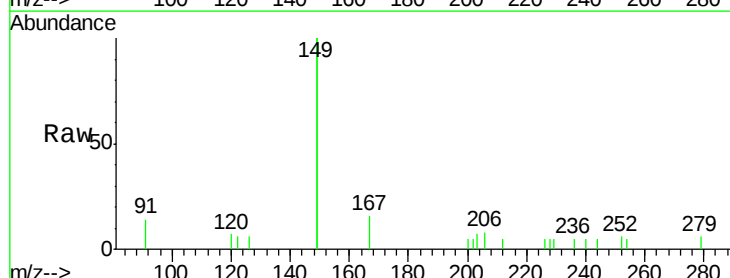
Tgt Ion:149 Resp: 2196

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

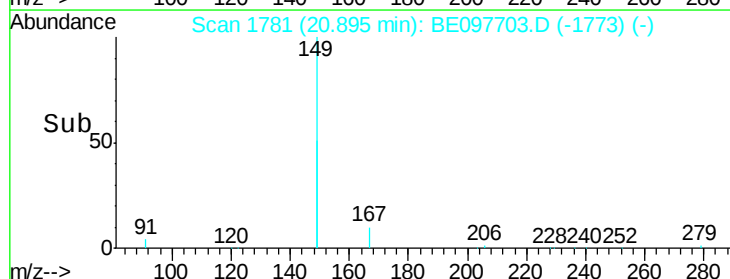
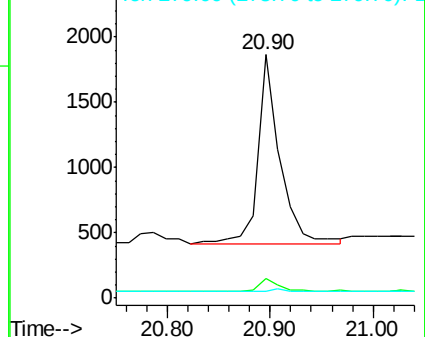
279 1.4 0.7 1.1#

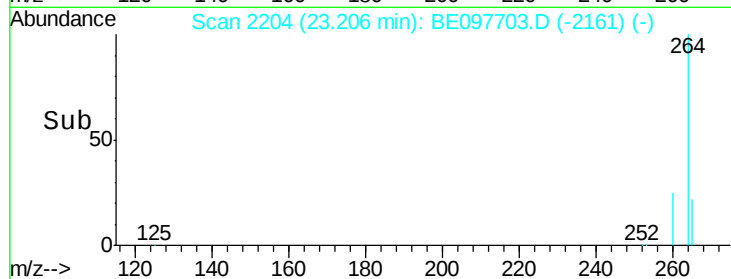
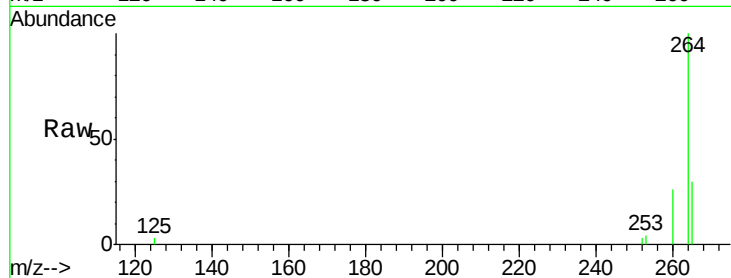
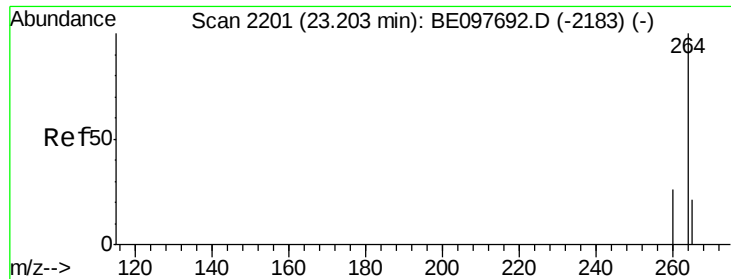


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097703.D
Acq: 28 Sep 2018 14:20

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180918

Tgt Ion: 264 Resp: 7108
Ion Ratio Lower Upper
264 100
260 26.4 20.5 30.7
265 29.7 22.8 34.2

