

Data File : BE097270.D
Acq On : 10 Aug 2018 20:06
Operator : SJ/JU
Sample : J4385-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180807

Quant Time: Aug 10 23:18:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 10:49:28 2018
Response via : Initial Calibration

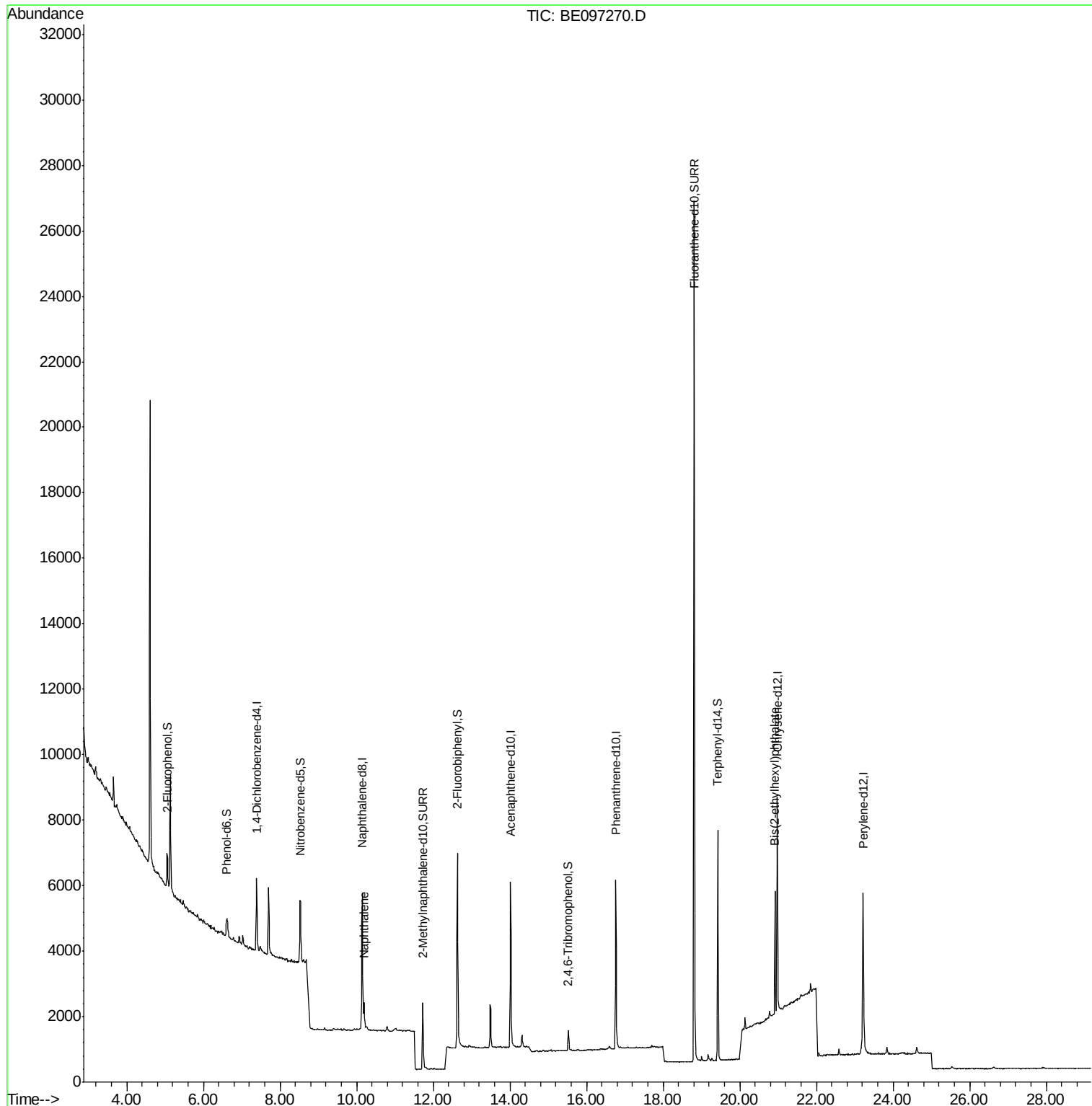
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1020	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5017	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2997	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	7158	0.40	ng	0.00
27) Chrysene-d12	20.98	240	6943	0.40	ng	0.00
34) Perylene-d12	23.22	264	7220	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	587	0.20	ng	0.01
5) Phenol-d6	6.61	99	500	0.12	ng	0.01
8) Nitrobenzene-d5	8.53	82	2108	0.48	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	3213	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	420	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5789	0.56	ng	0.00
25) Fluoranthene-d10	18.81	212	33327	0.47	ng	0.00
29) Terphenyl-d14	19.43	244	6185	0.46	ng	0.00
Target Compounds						
9) Naphthalene	10.19	128	1400	0.031	ng	# 85
32) Bis(2-ethylhexyl)phthalate	20.92	149	4030	0.223	ng	# 99

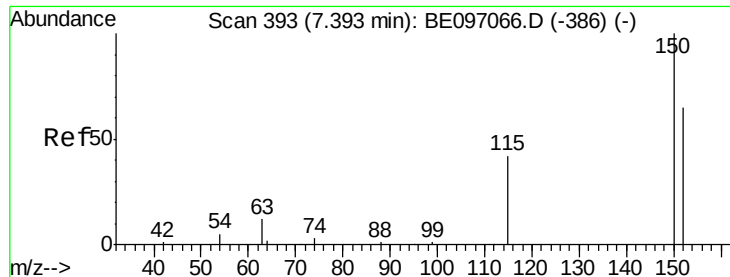
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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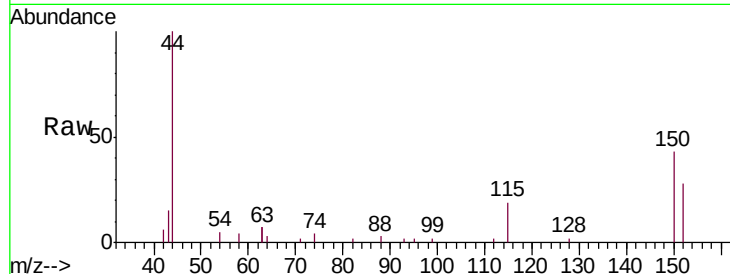


#1

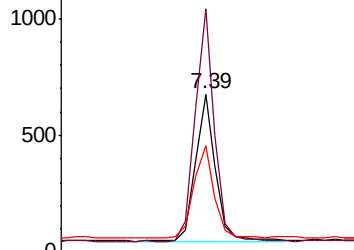
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097270.D
Acq: 10 Aug 2018 20:06

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180807

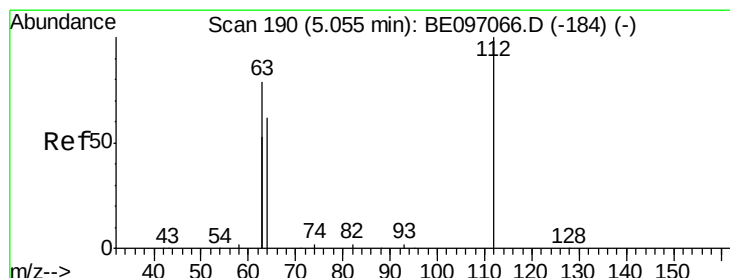
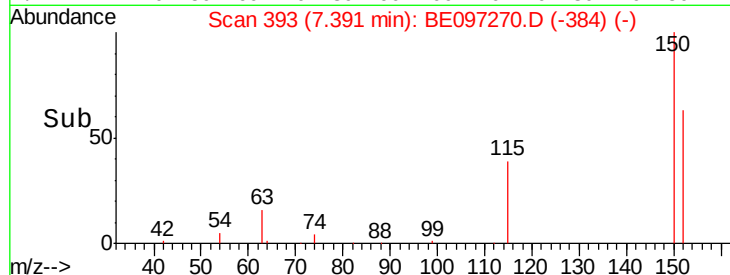
Tgt Ion:152 Resp: 1020
Ion Ratio Lower Upper
152 100
150 154.2 117.2 175.8
115 67.3 57.0 85.6



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



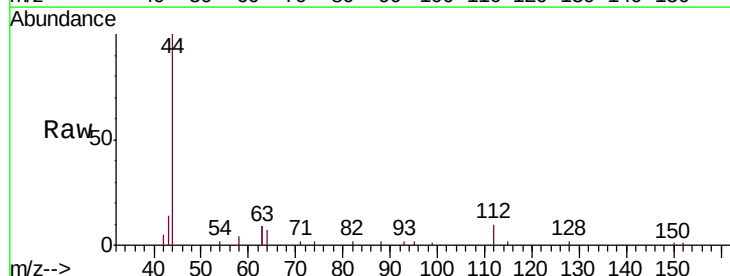
Time-->



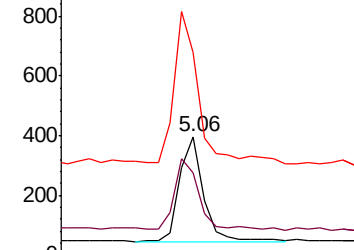
#4

2-Fluorophenol
Concen: 0.205 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097270.D
Acq: 10 Aug 2018 20:06

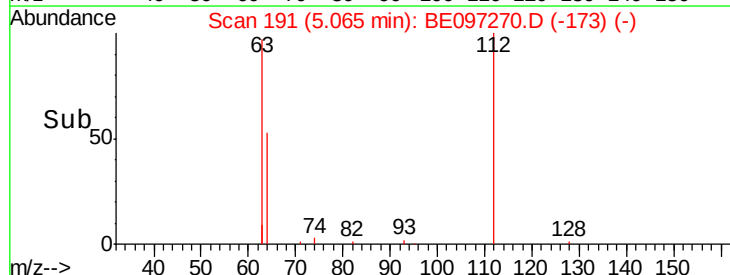
Tgt Ion:112 Resp: 587
Ion Ratio Lower Upper
112 100
64 70.5 60.1 90.1
63 146.2 116.8 175.2

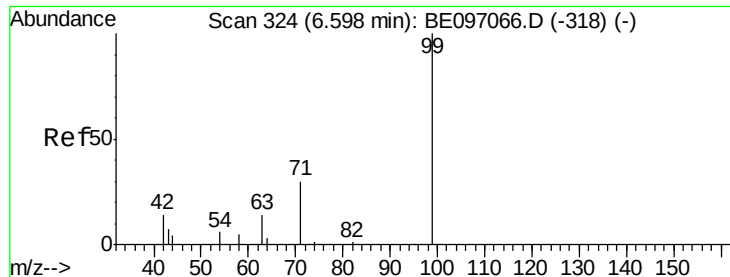


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.119 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180807

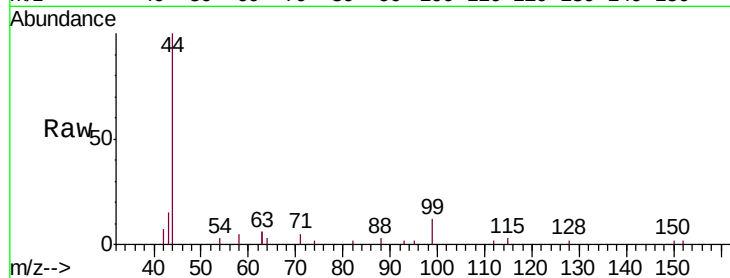
Tgt Ion: 99 Resp: 500

Ion Ratio Lower Upper

99 100

42 24.6 20.2 30.2

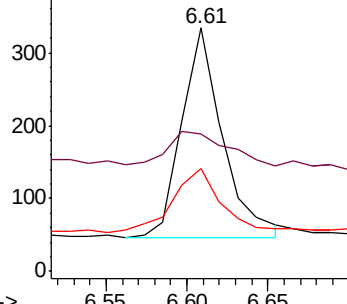
71 34.4 28.4 42.6



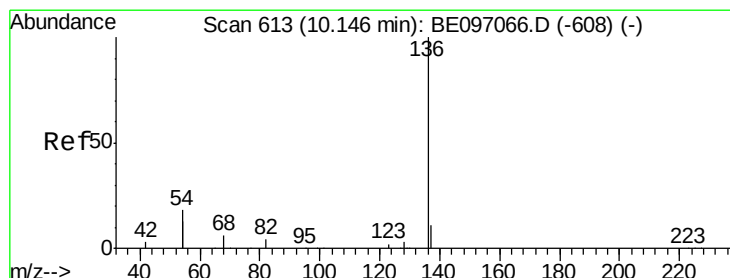
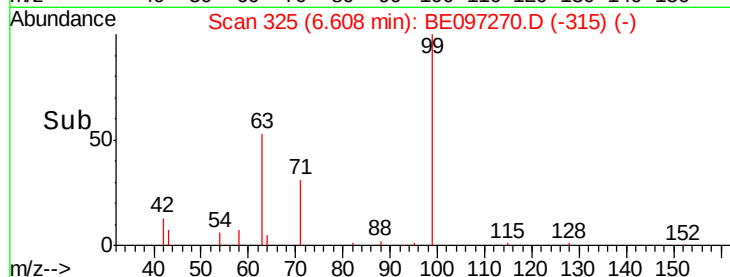
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

Tgt Ion: 136 Resp: 5017

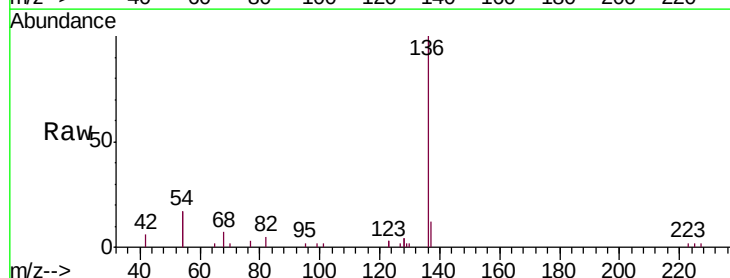
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 34.1 29.1 43.7

68 7.0 6.2 9.2

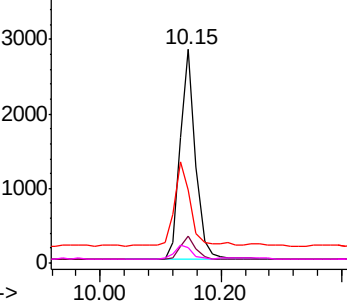


Abundance Ion 136.00 (135.70 to 136.70): E

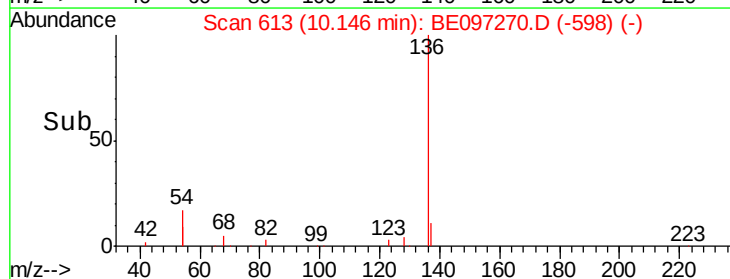
Ion 137.00 (136.70 to 137.70): E

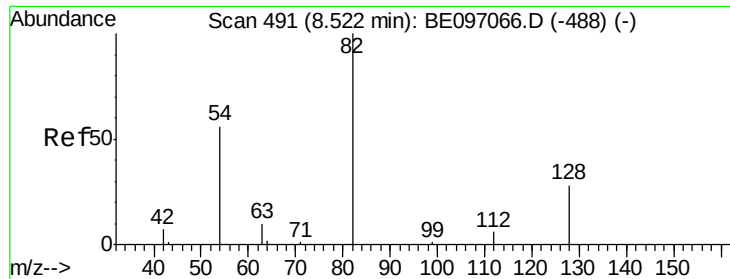
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.484 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

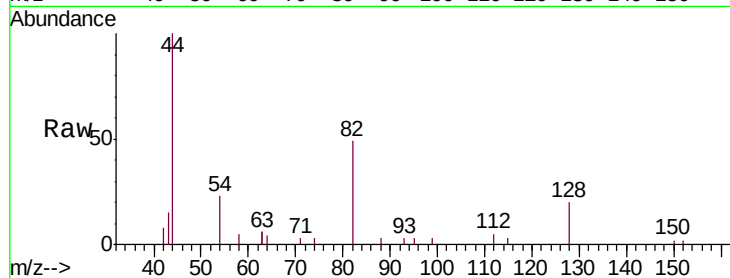
Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180807

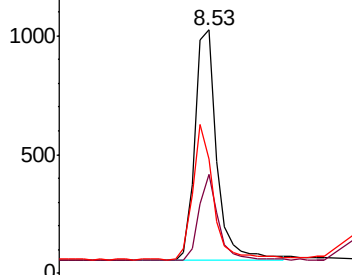
Tgt Ion:	82	Resp:	2108
Ion	Ratio	Lower	Upper
82	100		
128	40.6	24.0	36.0#
54	46.8	40.0	60.0



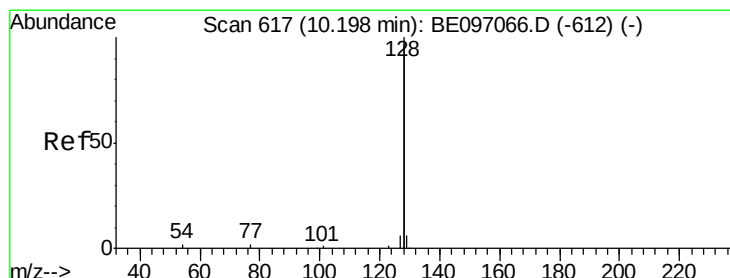
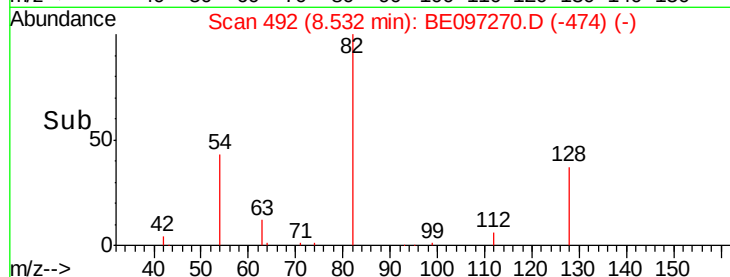
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.031 ng

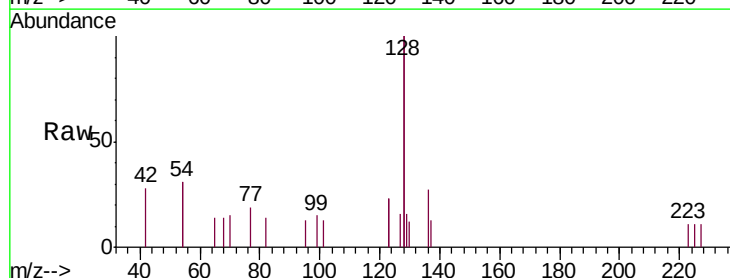
RT: 10.19 min Scan# 616

Delta R.T. -0.01 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

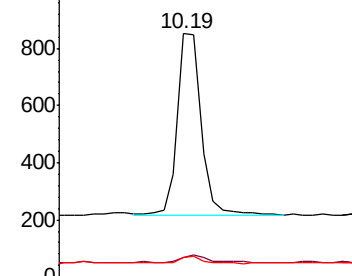
Tgt Ion:	128	Resp:	1400
Ion	Ratio	Lower	Upper
128	100		
129	8.2	2.6	3.8#
127	8.2	2.8	4.2#



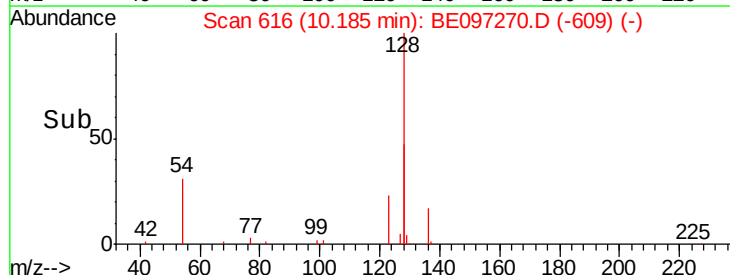
Abundance Ion 128.00 (127.70 to 128.70): E

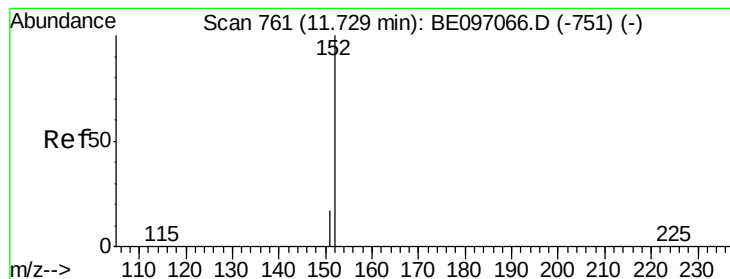
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.428 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.01 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

Instrument :

BNA_E

ClientSampleId :

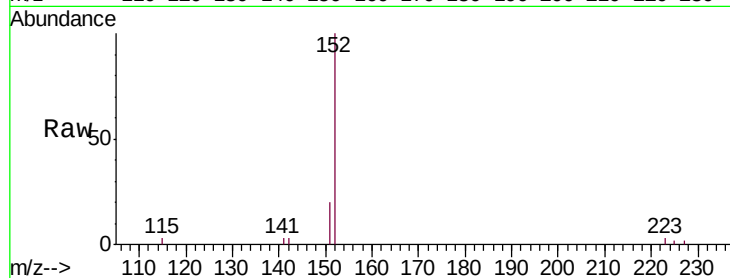
OUTFALL001-180807

Tgt Ion:152 Resp: 3213

Ion Ratio Lower Upper

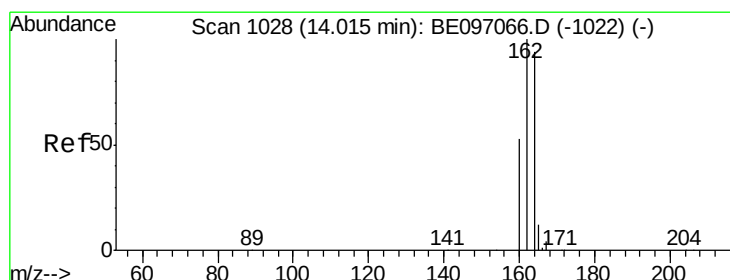
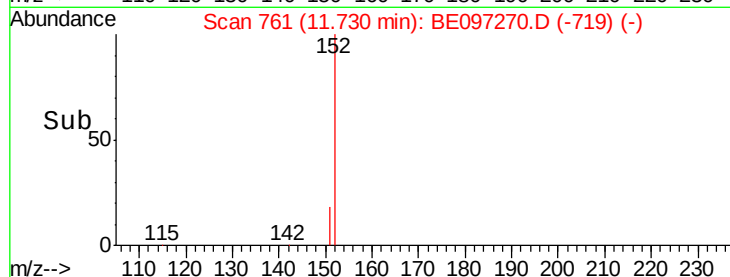
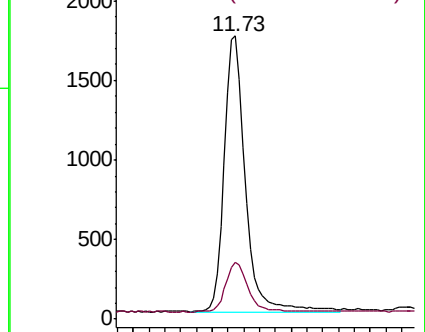
152 100

151 18.8 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: 14.01 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

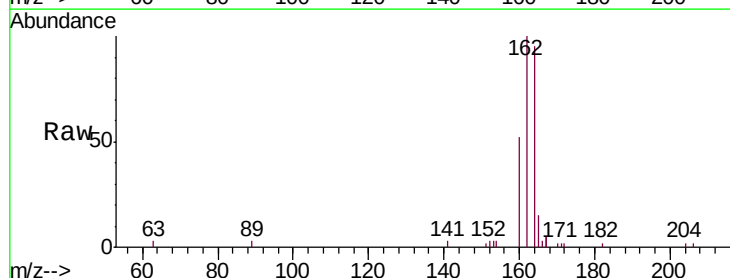
Tgt Ion:164 Resp: 2997

Ion Ratio Lower Upper

164 100

162 104.8 83.1 124.7

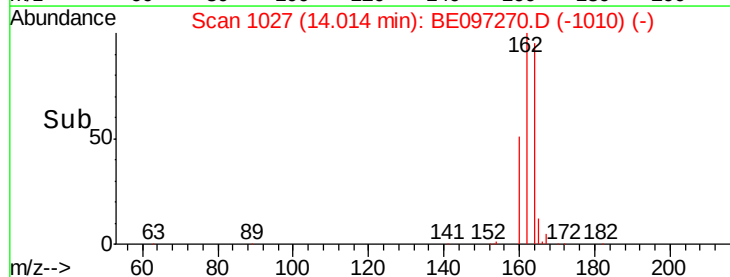
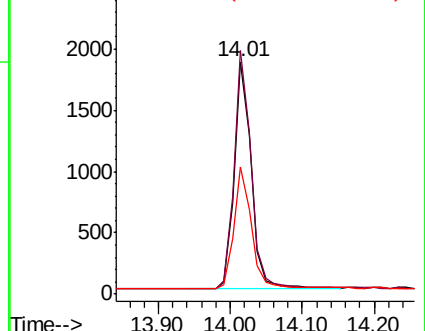
160 54.6 37.1 55.7

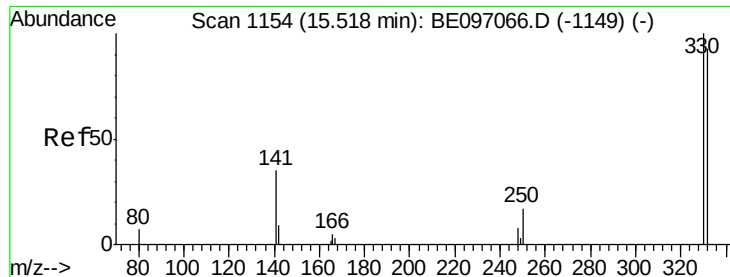


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

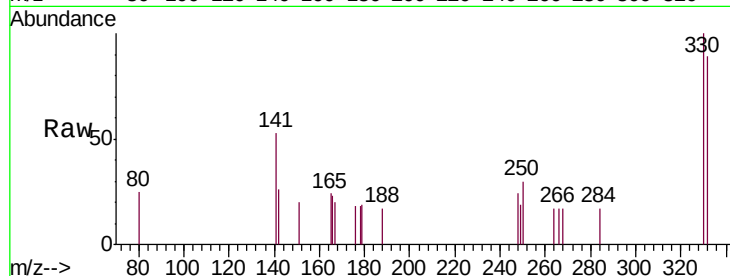




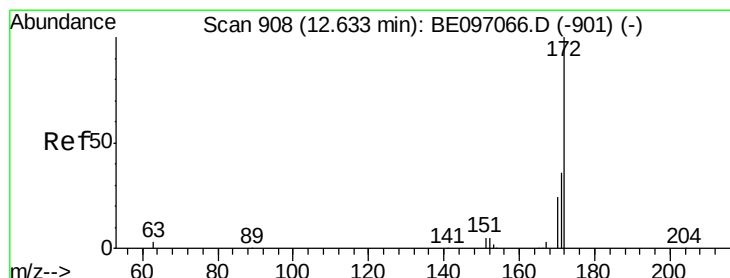
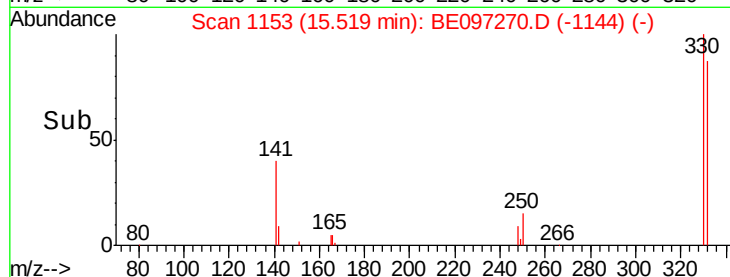
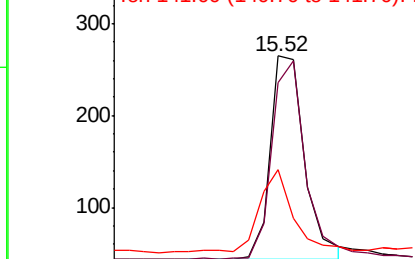
#14
 2,4,6-Tribromophenol
 Concen: 0.426 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE097270.D
 Acq: 10 Aug 2018 20:06

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180807

Tgt Ion: 330 Resp: 420
 Ion Ratio Lower Upper
 330 100
 332 95.5 152.7 229.1#
 141 39.0 33.7 50.5

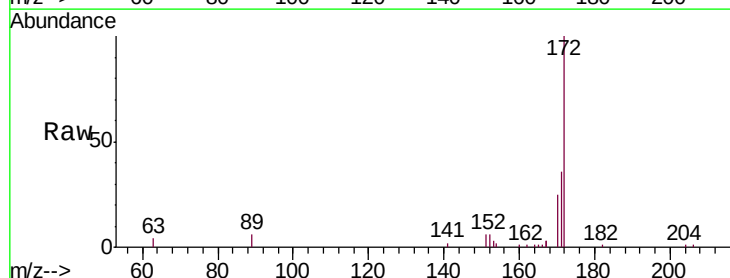


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

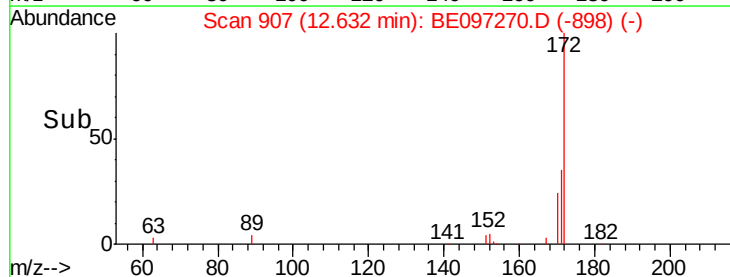
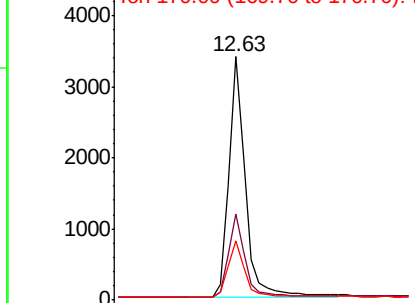


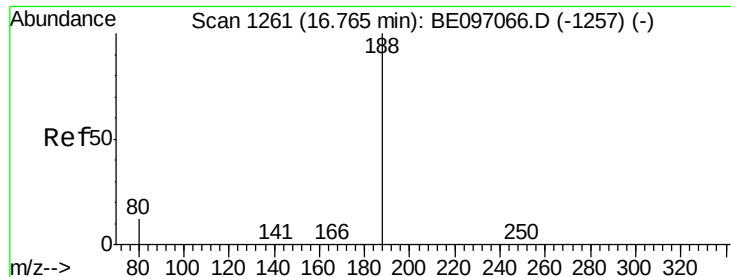
#15
 2-Fluorobiphenyl
 Concen: 0.559 ng
 RT: 12.63 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097270.D
 Acq: 10 Aug 2018 20:06

Tgt Ion: 172 Resp: 5789
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.9 44.9
 170 24.6 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

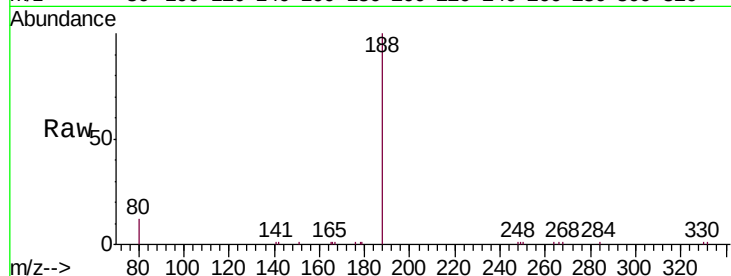




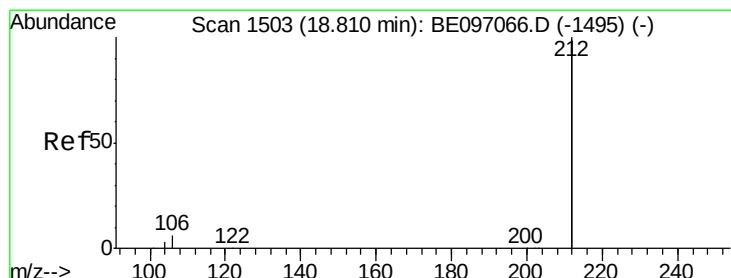
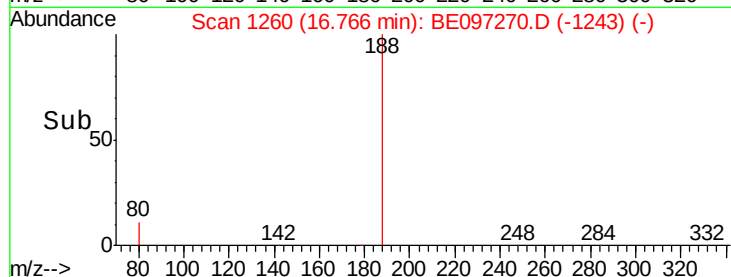
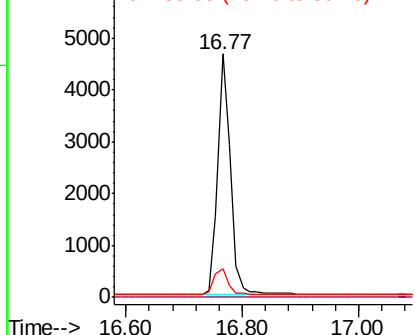
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097270.D
Acq: 10 Aug 2018 20:06

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180807

Tgt Ion:188 Resp: 7158
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.9 3.6 5.4#

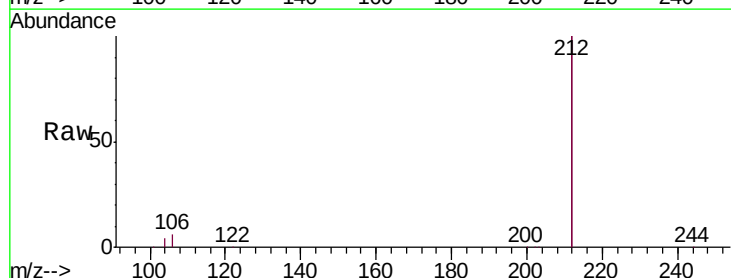


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

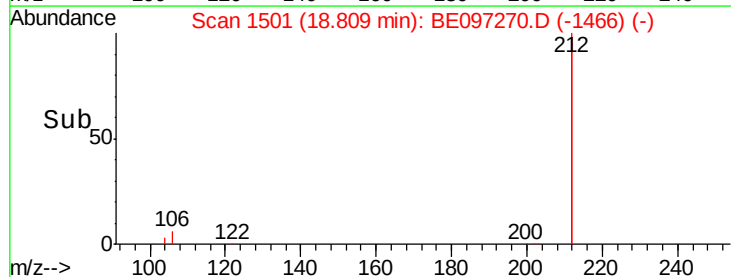
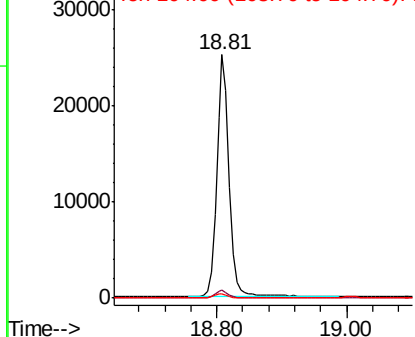


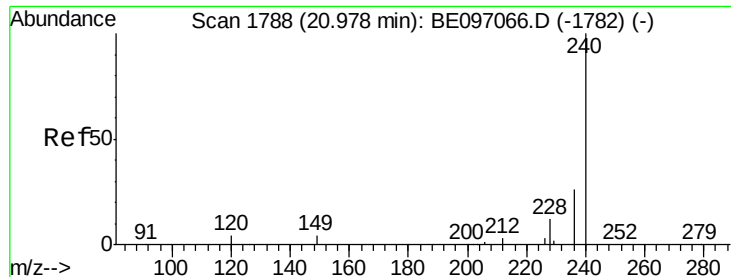
#25
Fluoranthene-d10
Concen: 0.465 ng
RT: 18.81 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097270.D
Acq: 10 Aug 2018 20:06

Tgt Ion:212 Resp: 33327
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: 20.98 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180807

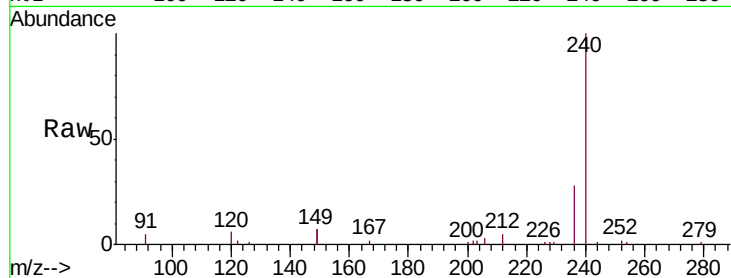
Tgt Ion:240 Resp: 6943

Ion Ratio Lower Upper

240 100

120 6.2 5.5 8.3

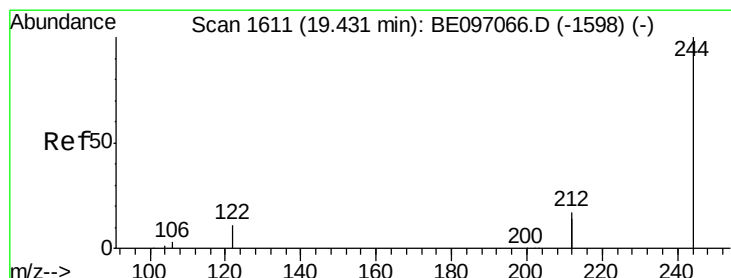
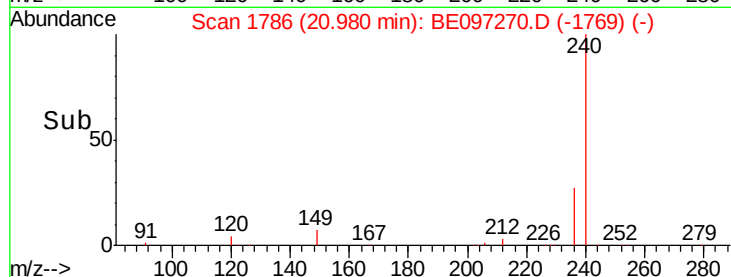
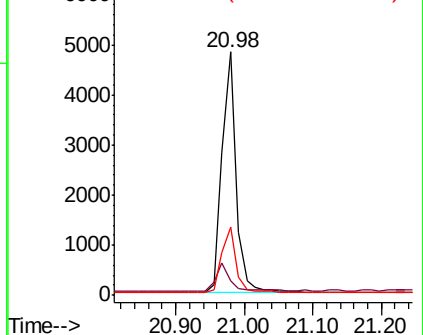
236 27.8 20.7 31.1



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: 0.464 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

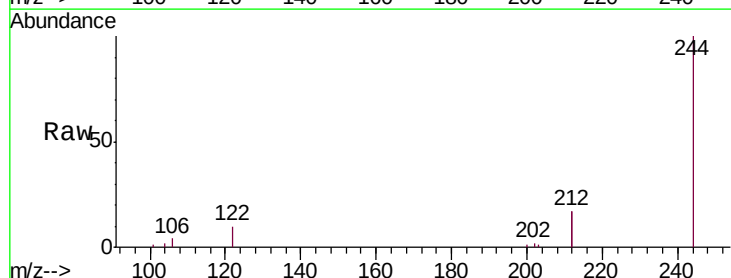
Tgt Ion:244 Resp: 6185

Ion Ratio Lower Upper

244 100

212 34.8 25.4 38.0

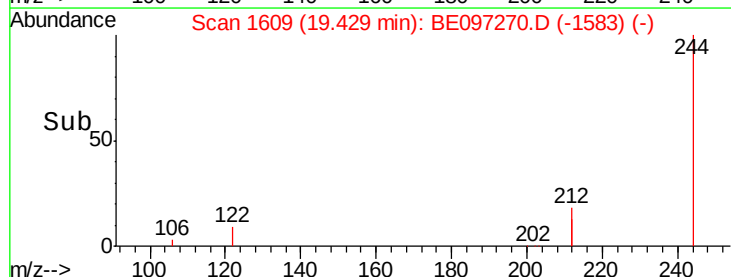
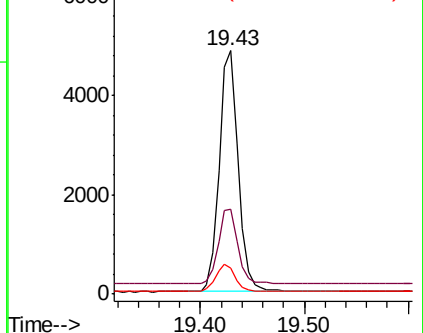
122 10.4 8.1 12.1

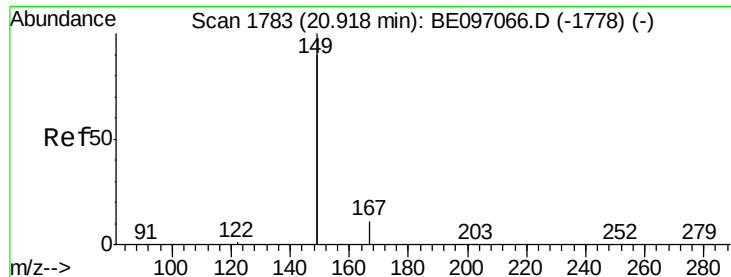


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

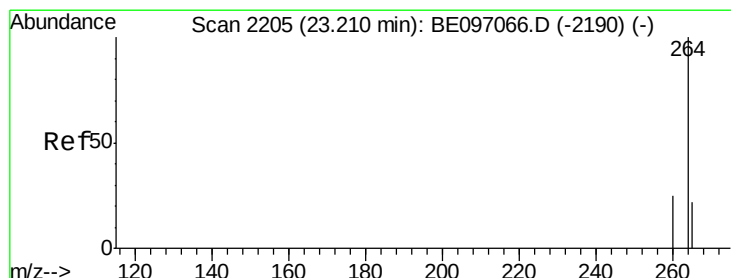
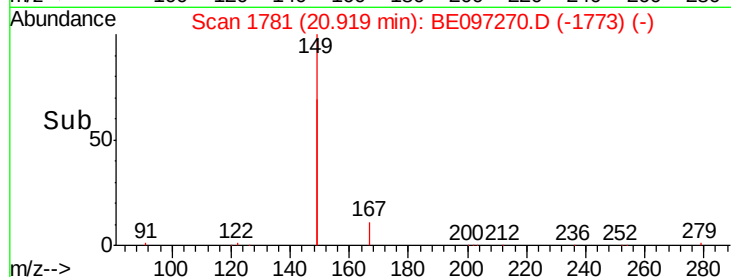
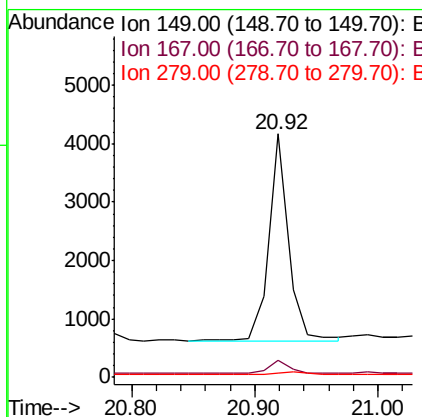
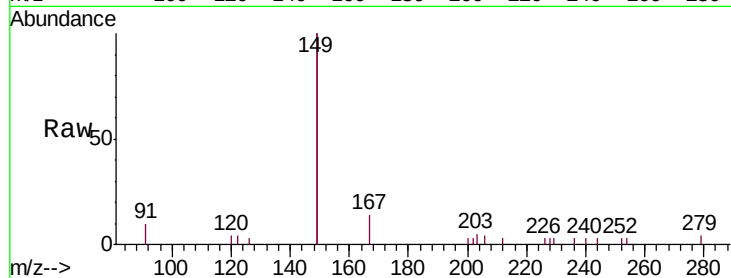




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.223 ng
 RT: 20.92 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BE097270.D
 Acq: 10 Aug 2018 20:06

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180807

Tgt Ion:149 Resp: 4030
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 1.4 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: BE097270.D
 Acq: 10 Aug 2018 20:06

Tgt Ion:264 Resp: 7220
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.5 30.7
 265 31.3 22.8 34.2

