

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE081018\
 Data File : BE097257.D
 Acq On : 10 Aug 2018 11:36
 Operator : SJ/JU
 Sample : PB111898BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB111580BL

Quant Time: Aug 10 16:05:09 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

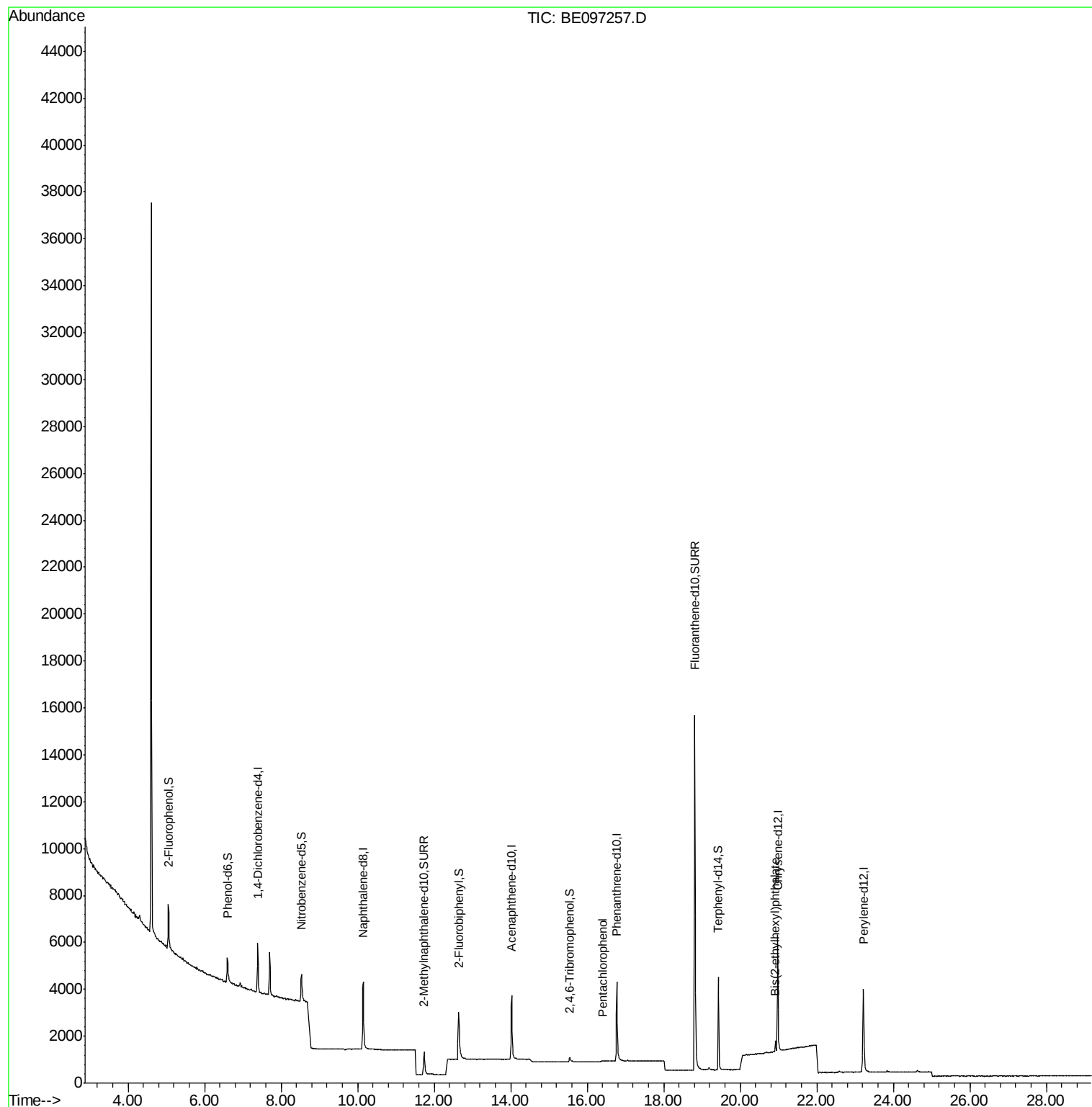
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	952	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3934	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	1978	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	5700	0.40	ng	0.01
27) Chrysene-d12	20.98	240	5370	0.40	ng	0.00
34) Perylene-d12	23.21	264	5502	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1072	0.40	ng	0.01
5) Phenol-d6	6.61	99	1176	0.30	ng	0.01
8) Nitrobenzene-d5	8.53	82	1375	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	2158	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.54	330	164	0.25	ng	0.02
15) 2-Fluorobiphenyl	12.64	172	3218	0.47	ng	0.01
25) Fluoranthene-d10	18.81	212	23780	0.42	ng	0.00
29) Terphenyl-d14	19.43	244	3770	0.37	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.41	266	2	0.037	ng	Qvalue 92
32) Bis(2-ethylhexyl)phthalate	20.92	149	560	0.028	ng	# 97

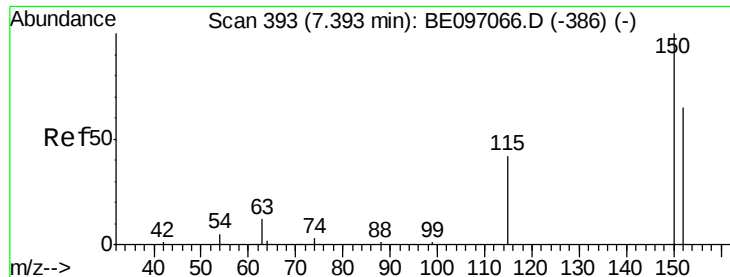
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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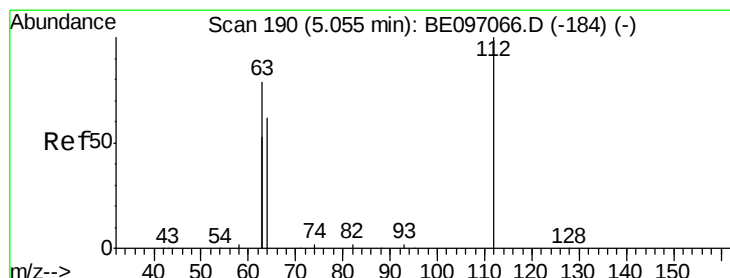
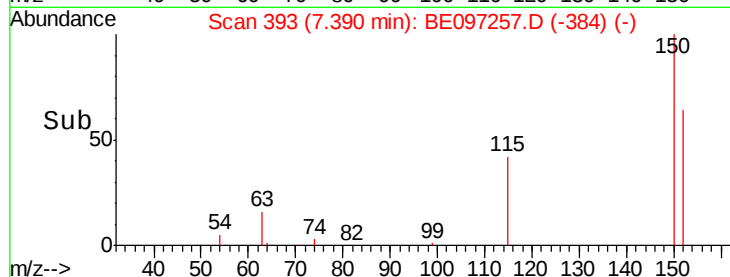
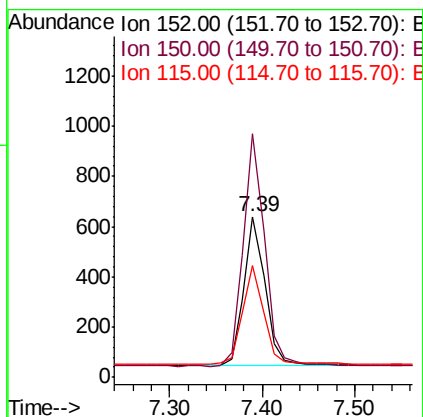
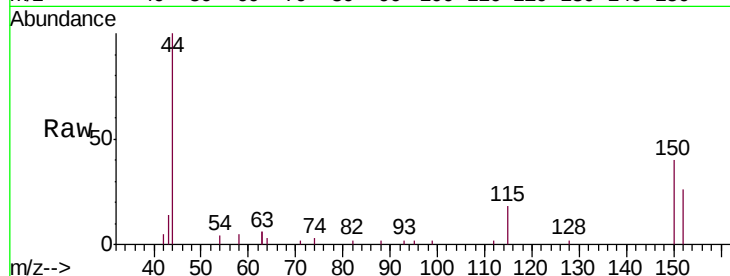


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097257.D
Acq: 10 Aug 2018 11:36

Instrument :
BNA_E
ClientSampleId :
PB111580BL

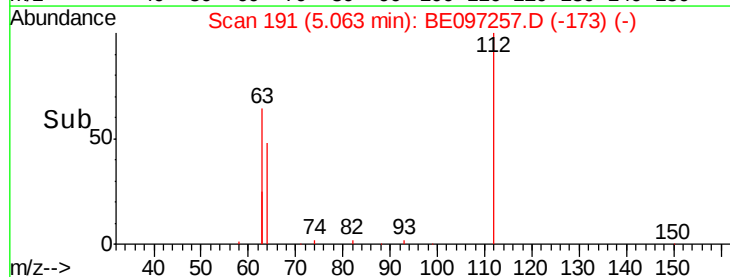
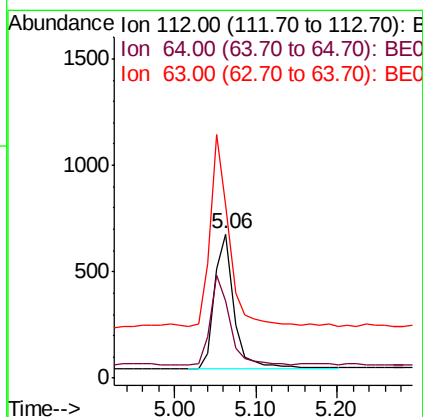
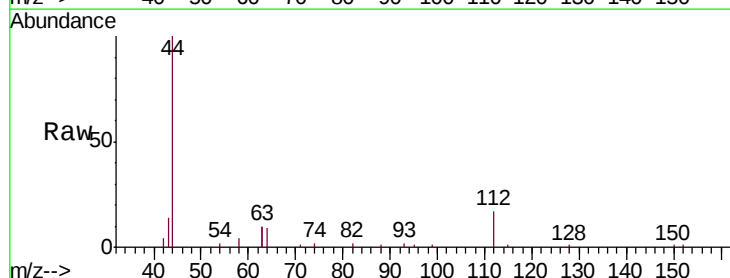
Tgt Ion:152 Resp: 952
Ion Ratio Lower Upper
152 100
150 151.4 117.2 175.8
115 69.4 57.0 85.6

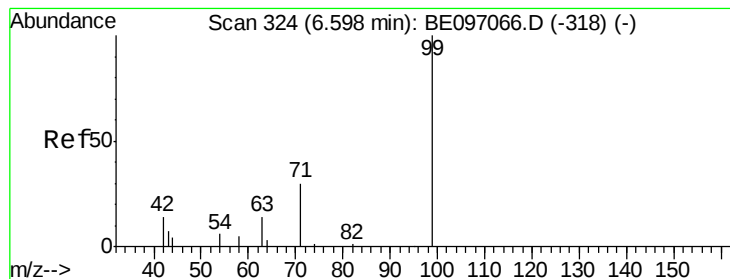


#4

2-Fluorophenol
Concen: 0.401 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097257.D
Acq: 10 Aug 2018 11:36

Tgt Ion:112 Resp: 1072
Ion Ratio Lower Upper
112 100
64 66.0 60.1 90.1
63 136.4 116.8 175.2





#5

Phenol-d6

Concen: 0.300 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

Instrument :

BNA_E

ClientSampleId :

PB111580BL

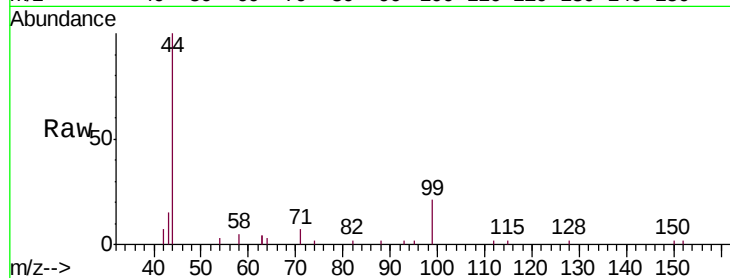
Tgt Ion: 99 Resp: 1176

Ion Ratio Lower Upper

99 100

42 25.9 20.2 30.2

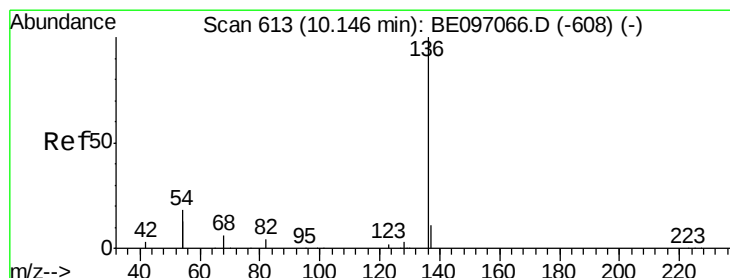
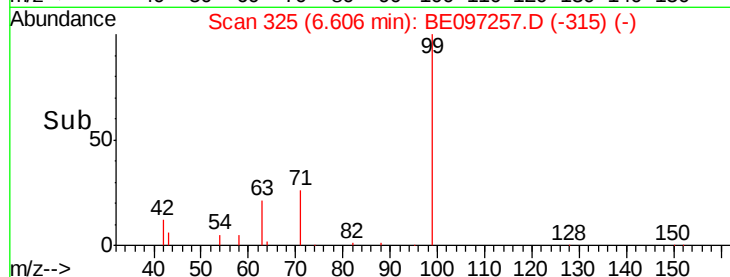
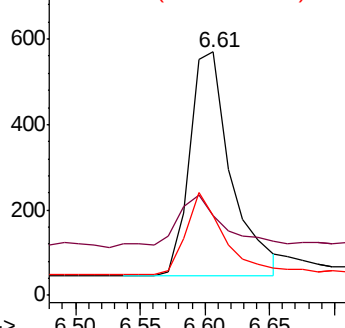
71 34.0 28.4 42.6



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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

Tgt Ion: 136 Resp: 3934

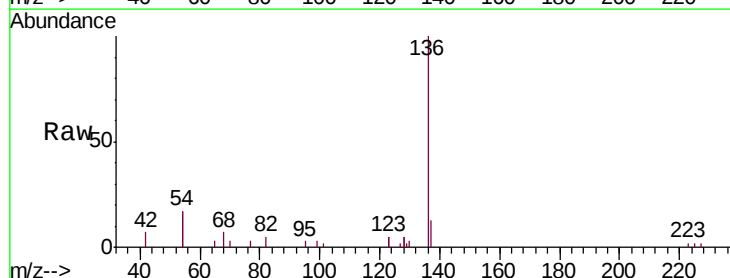
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 34.7 29.1 43.7

68 7.4 6.2 9.2

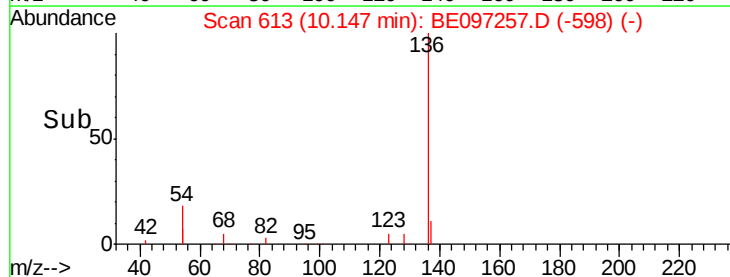
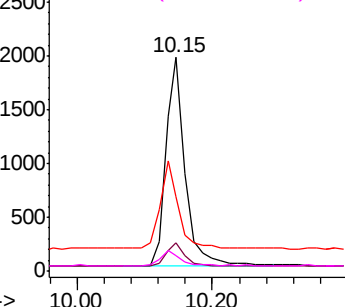


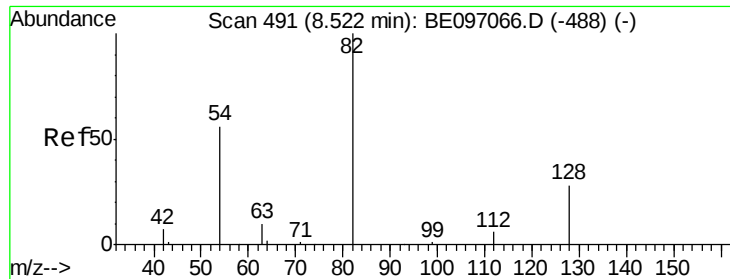
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

Instrument :

BNA_E

ClientSampleId :

PB111580BL

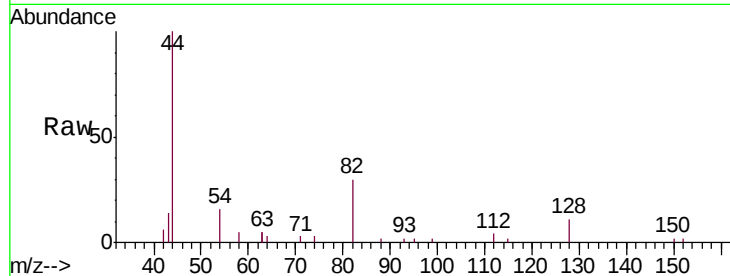
Tgt Ion: 82 Resp: 1375

Ion Ratio Lower Upper

82 100

128 37.8 24.0 36.0#

54 53.4 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

8.53

600

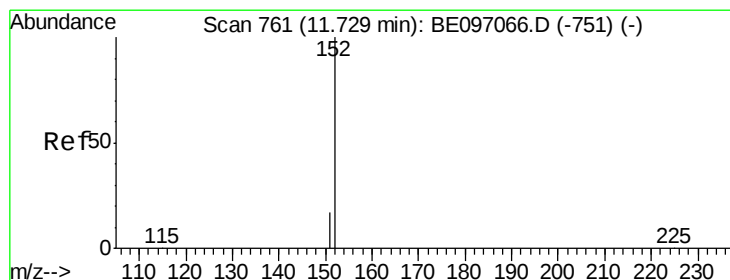
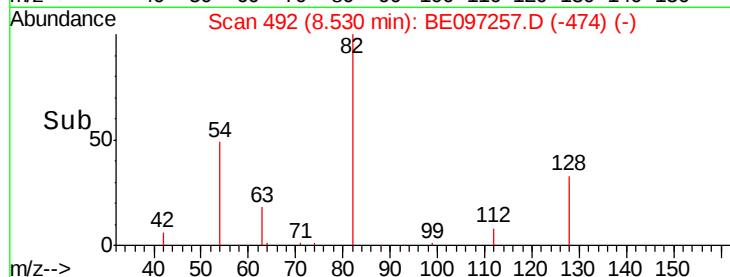
400

200

0

8.40 8.50 8.60 8.70

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.366 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.01 min

Lab File: BE097257.D

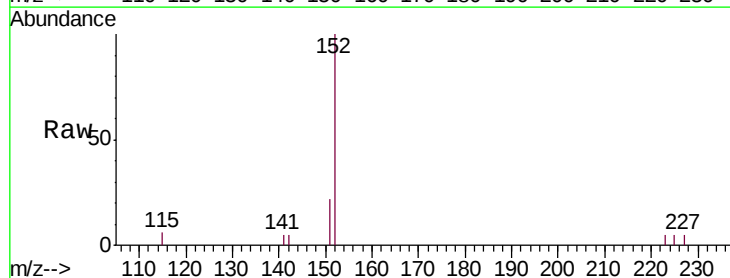
Acq: 10 Aug 2018 11:36

Tgt Ion: 152 Resp: 2158

Ion Ratio Lower Upper

152 100

151 18.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

1000

800

600

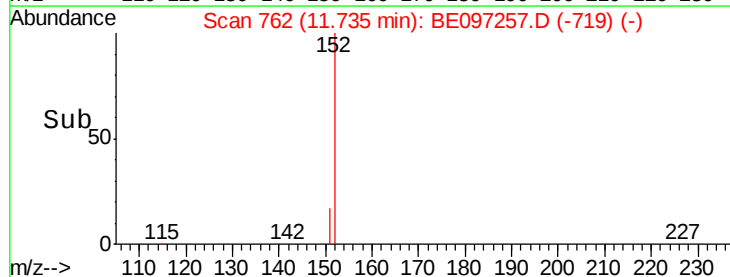
400

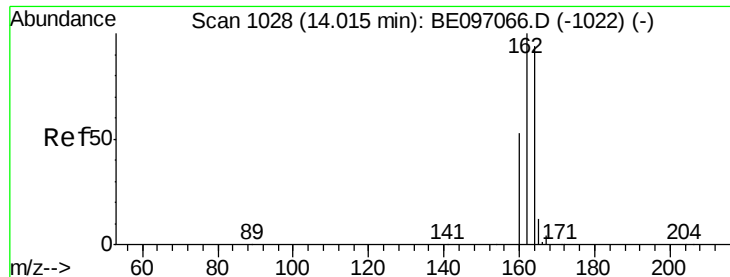
200

0

11.60 11.80

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

Instrument :

BNA_E

ClientSampleId :

PB111580BL

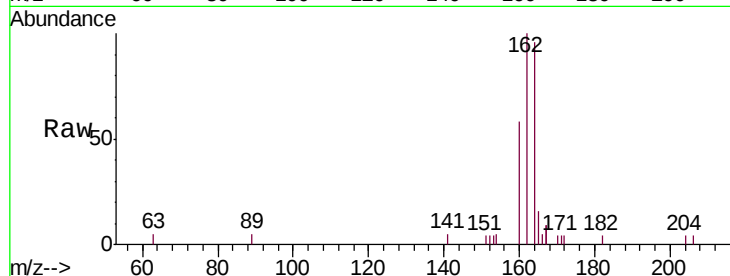
Tgt Ion:164 Resp: 1978

Ion Ratio Lower Upper

164 100

162 103.8 83.1 124.7

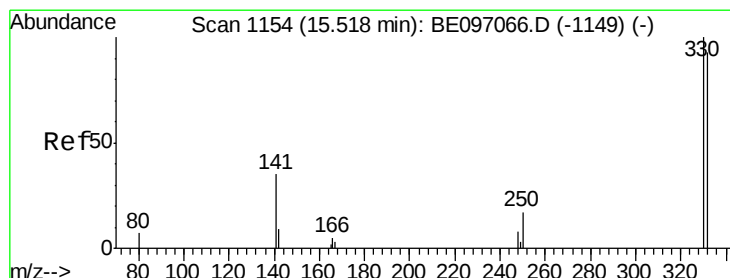
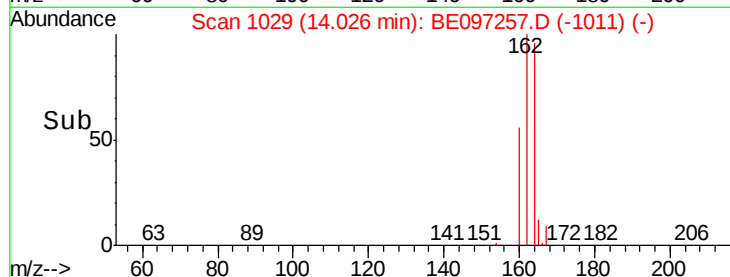
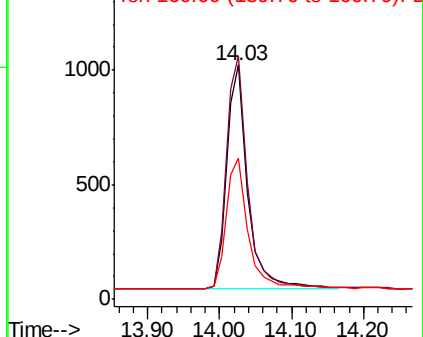
160 60.0 37.1 55.7#



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: 0.252 ng

RT: 15.54 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

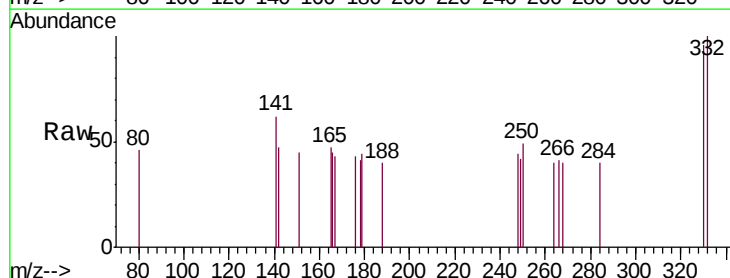
Tgt Ion:330 Resp: 164

Ion Ratio Lower Upper

330 100

332 95.1 152.7 229.1#

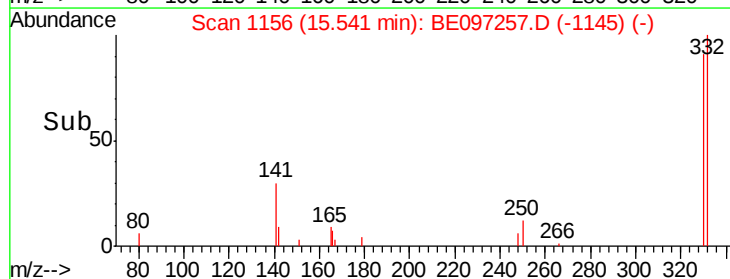
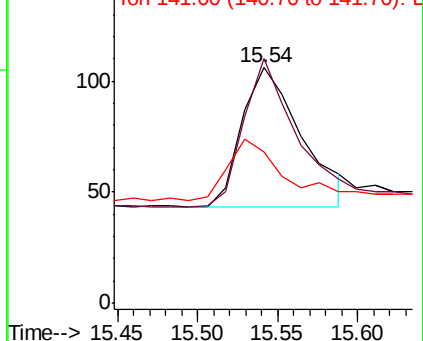
141 40.9 33.7 50.5

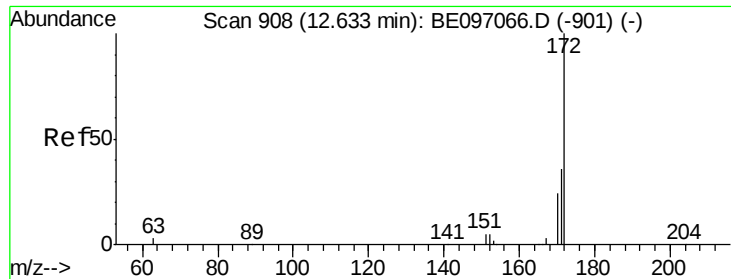


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

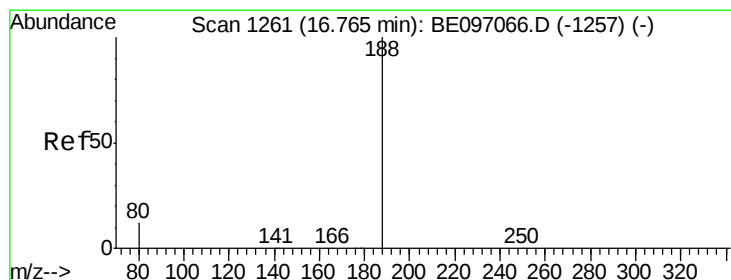
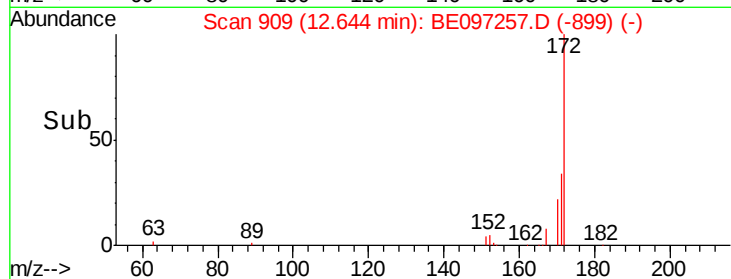
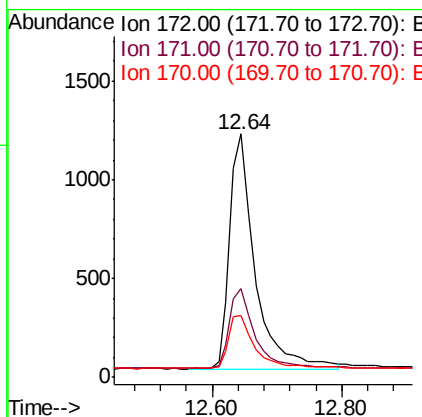
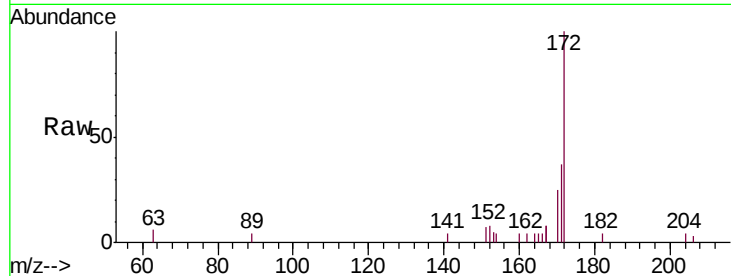




#15
2-Fluorobiphenyl
Concen: 0.471 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.01 min
Lab File: BE097257.D
Acq: 10 Aug 2018 11:36

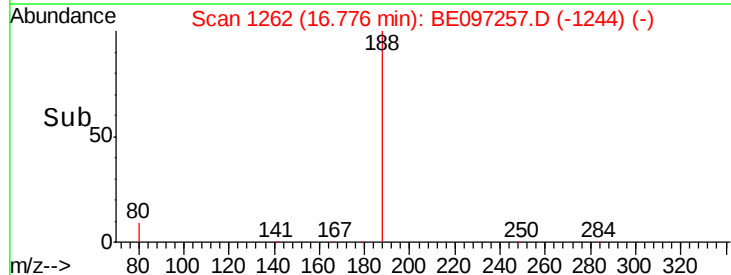
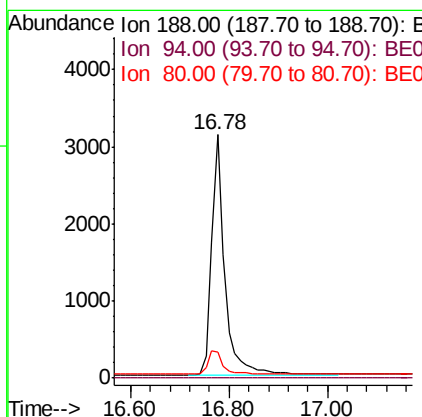
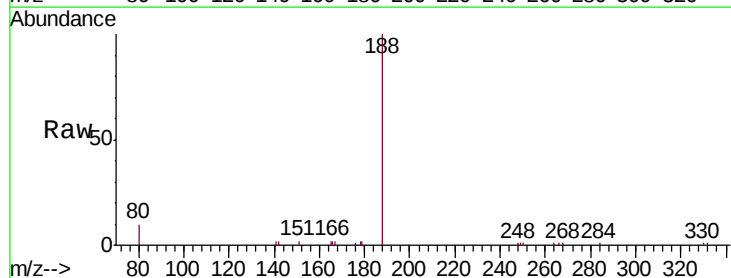
Instrument :
BNA_E
ClientSampleId :
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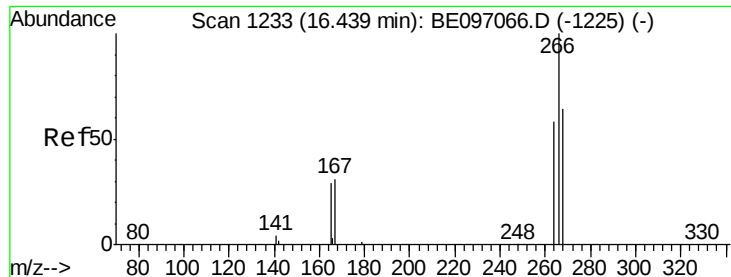
Tgt Ion:172 Resp: 3218
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 25.2 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BE097257.D
Acq: 10 Aug 2018 11:36

Tgt Ion:188 Resp: 5700
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.4 3.6 5.4#

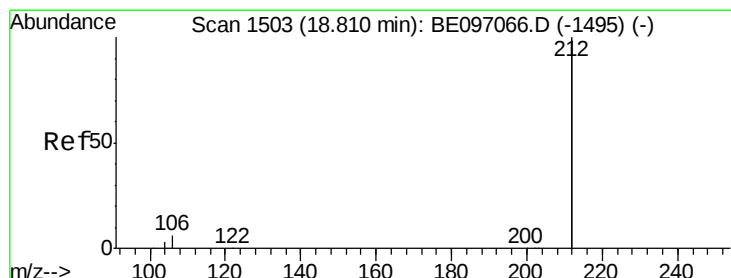
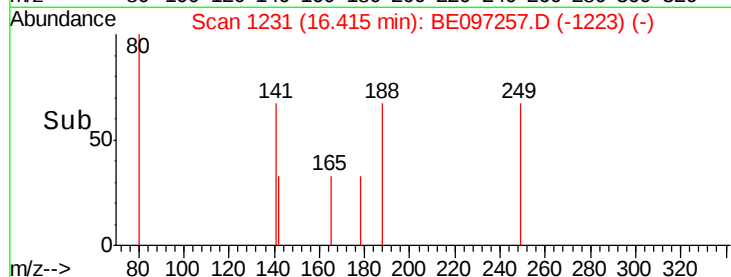
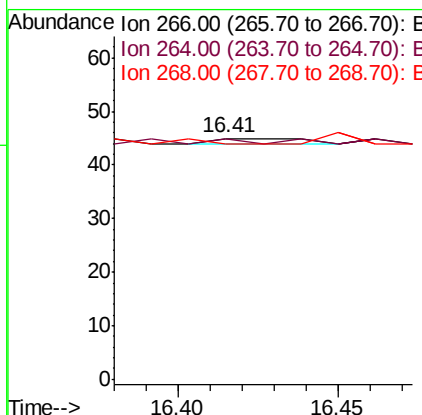
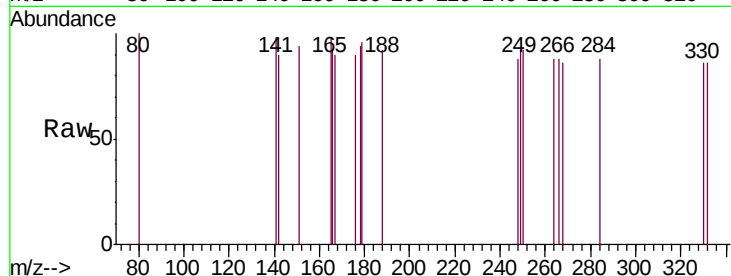




#22
 Pentachlorophenol
 Concen: 0.037 ng
 RT: 16.41 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BE097257.D
 Acq: 10 Aug 2018 11:36

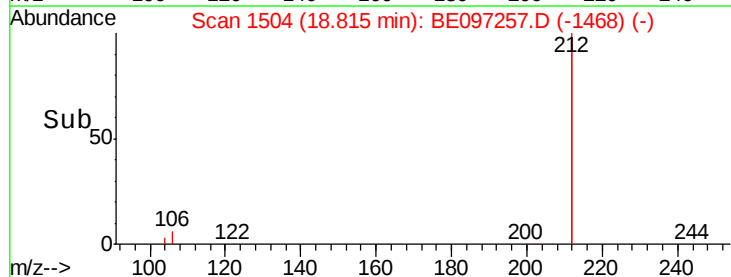
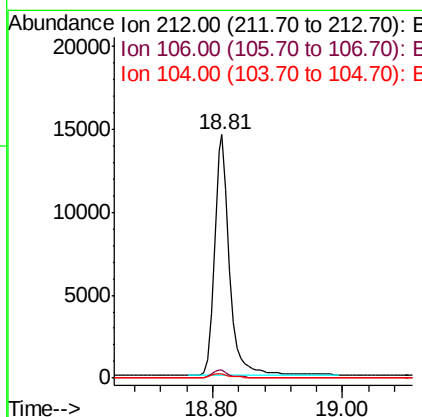
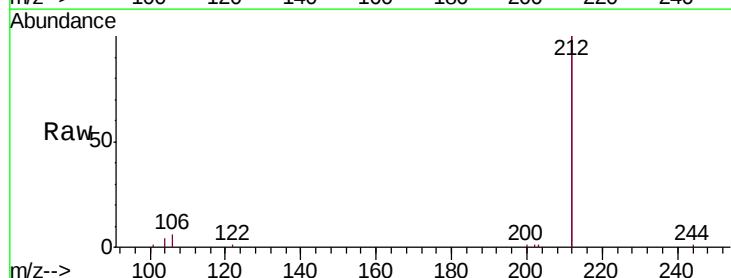
Instrument :
 BNA_E
 ClientSampleId :
 PB111580BL

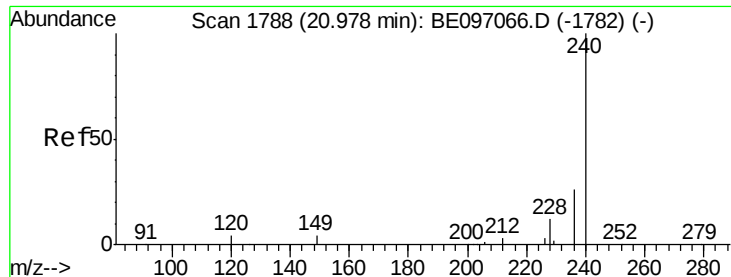
Tgt Ion: 266 Resp: 2
 Ion Ratio Lower Upper
 266 100
 264 100.0 72.5 108.7
 268 97.8 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.417 ng
 RT: 18.81 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BE097257.D
 Acq: 10 Aug 2018 11:36

Tgt Ion: 212 Resp: 23780
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

Instrument :

BNA_E

ClientSampleId :

PB111580BL

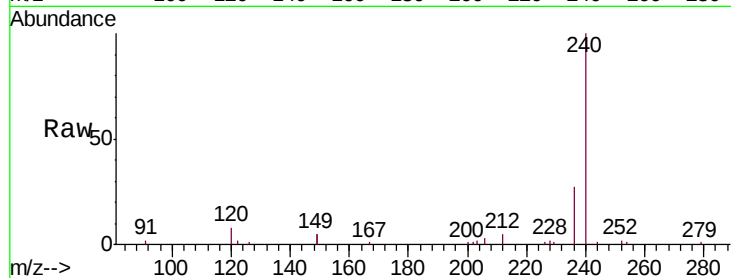
Tgt Ion:240 Resp: 5370

Ion Ratio Lower Upper

240 100

120 7.5 5.5 8.3

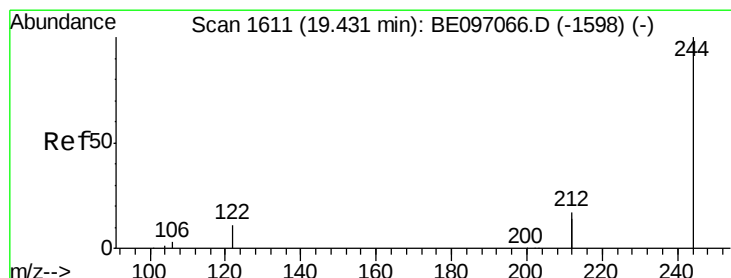
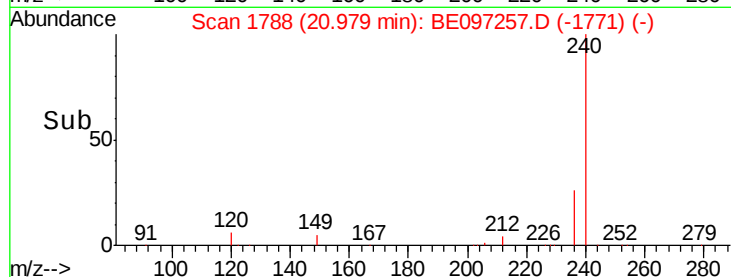
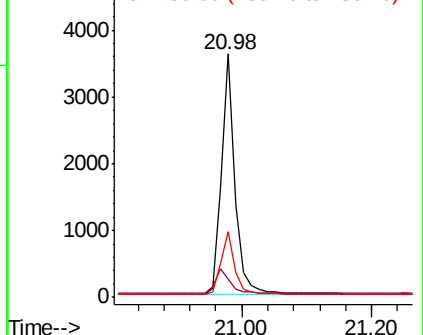
236 27.1 20.7 31.1



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: 0.365 ng

RT: 19.43 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

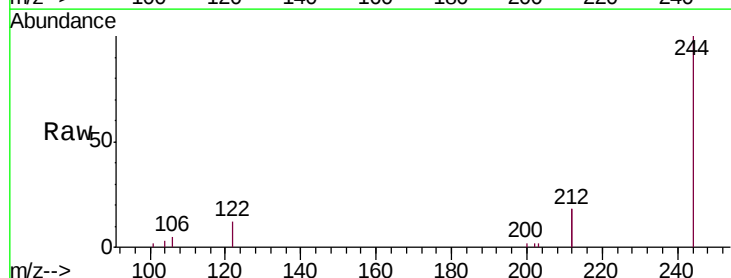
Tgt Ion:244 Resp: 3770

Ion Ratio Lower Upper

244 100

212 36.7 25.4 38.0

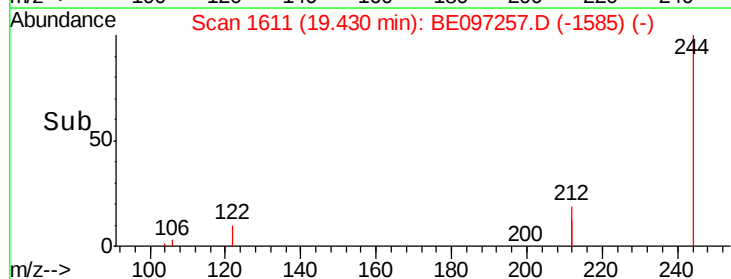
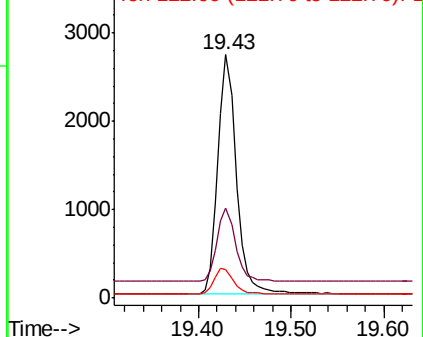
122 11.9 8.1 12.1

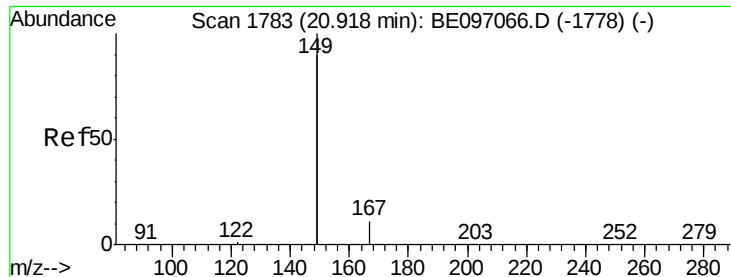


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

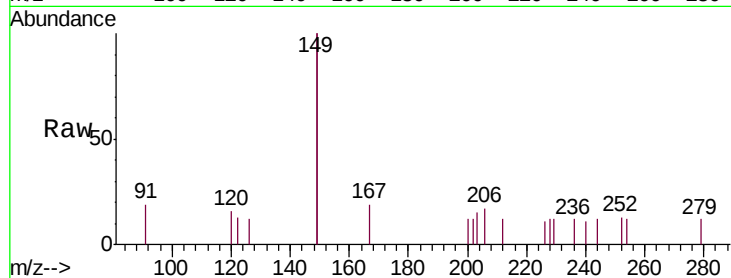




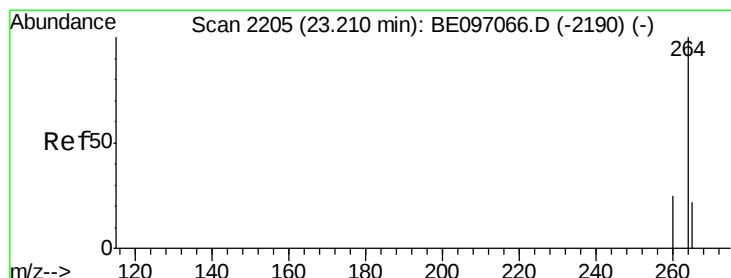
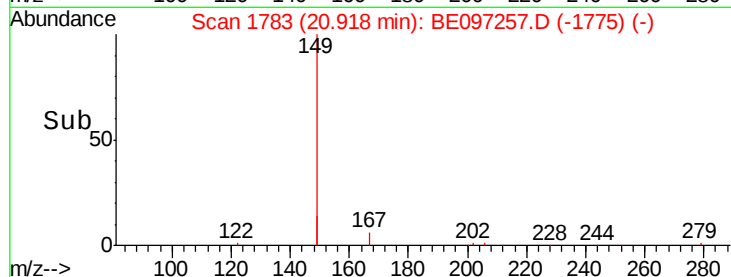
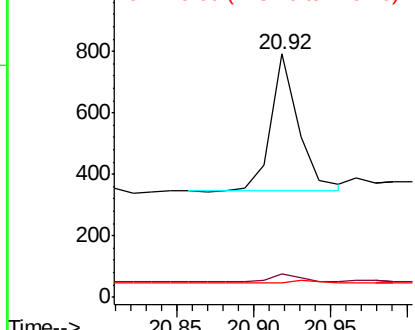
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.028 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097257.D
 Acq: 10 Aug 2018 11:36

Instrument :
 BNA_E
 ClientSampleId :
 PB111580BL

Tgt Ion:149 Resp: 560
 Ion Ratio Lower Upper
 149 100
 167 7.9 5.4 8.0
 279 2.5 0.7 1.1#

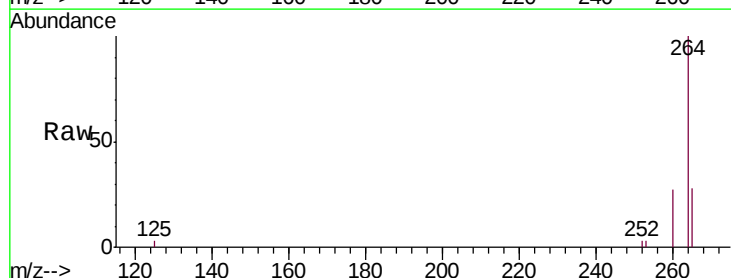


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE097257.D
 Acq: 10 Aug 2018 11:36

Tgt Ion:264 Resp: 5502
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.5 30.7
 265 27.8 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

