

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
 Data File : BE097806.D
 Acq On : 8 Oct 2018 23:00
 Operator : SJ/JU
 Sample : J5284-12DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181003DL

Quant Time: Oct 09 06:59:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 06:37:06 2018
 Response via : Initial Calibration

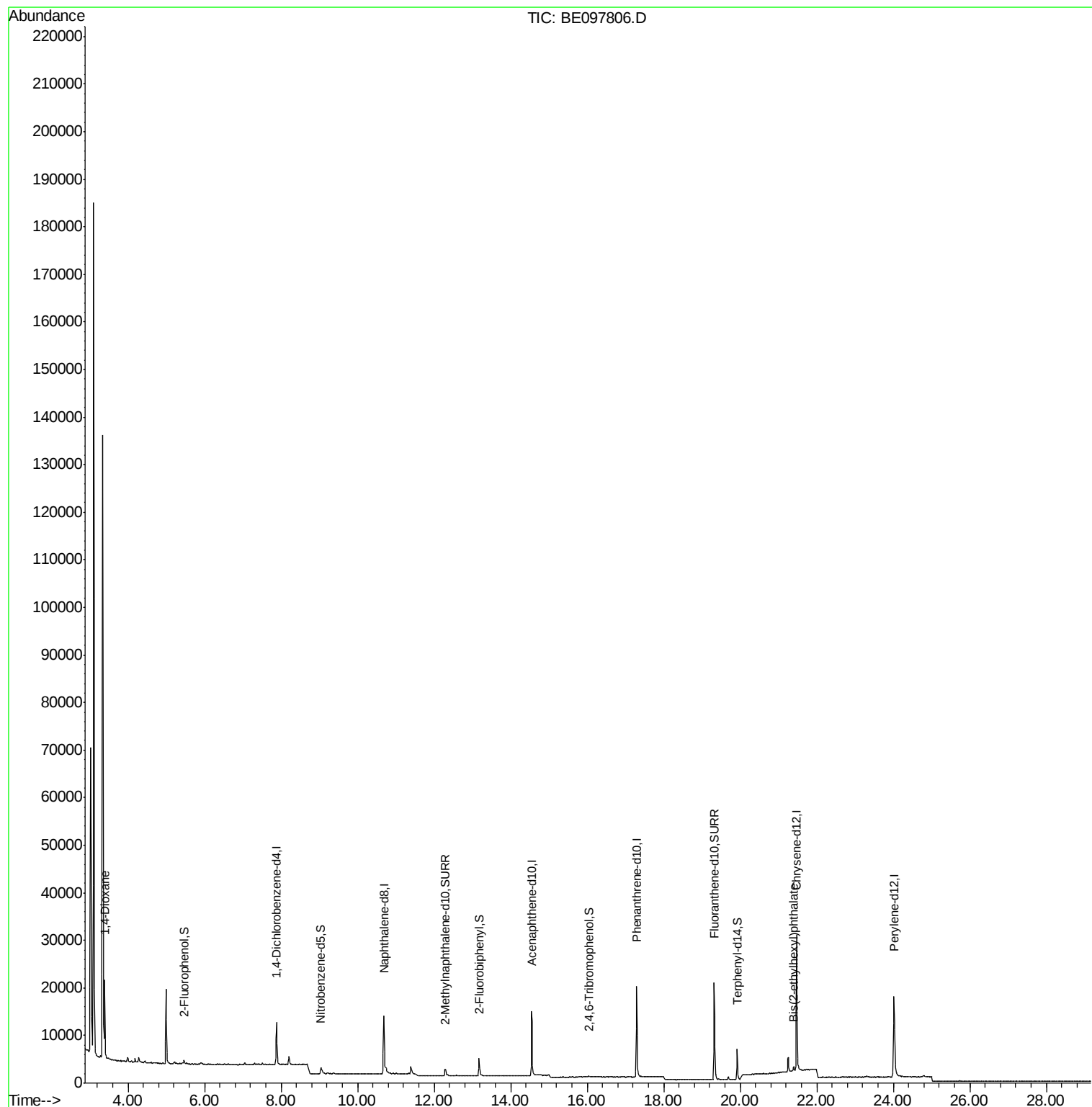
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4009	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	16813	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9906	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	27737	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	30468	0.40	ng	-0.01
34) Perylene-d12	24.02	264	27719	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	393	0.04	ng	0.00
5) Phenol-d6	7.04	99	260	0.02	ng	0.00
8) Nitrobenzene-d5	9.04	82	756	0.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2471	0.09	ng	-0.02
14) 2,4,6-Tribromophenol	16.05	330	166	0.09	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4129	0.09	ng	-0.02
25) Fluoranthene-d10	19.32	212	30944	0.09	ng	-0.01
29) Terphenyl-d14	19.92	244	5880	0.09	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	10931	1.368	ng	97
32) Bis(2-ethylhexyl)phthalate	21.40	149	1568	0.026	ng	98

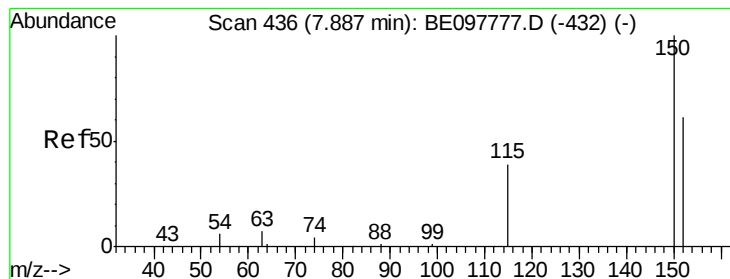
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
Data File : BE097806.D
Acq On : 8 Oct 2018 23:00
Operator : SJ/JU
Sample : J5284-12DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-103D1-20181003DL

Quant Time: Oct 09 06:59:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 06:37:06 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003DL

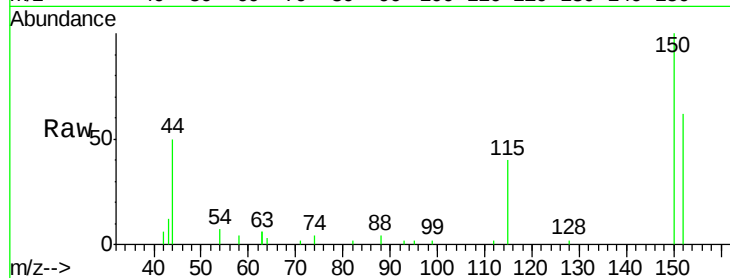
Tgt Ion:152 Resp: 4009

Ion Ratio Lower Upper

152 100

150 162.2 120.9 181.3

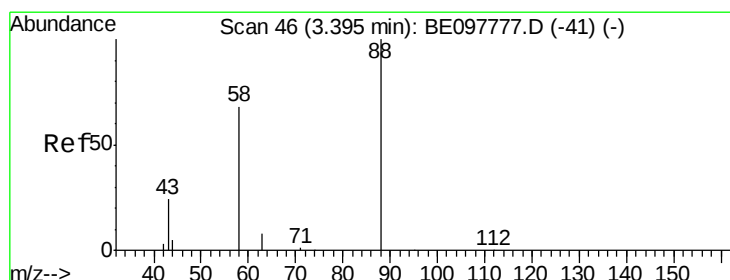
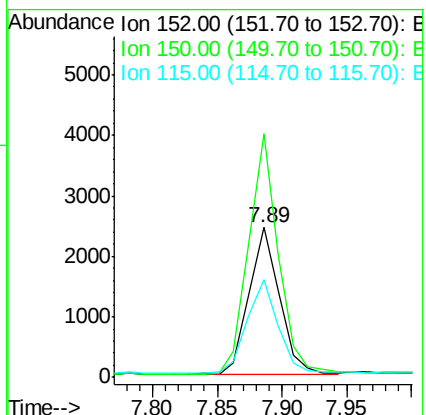
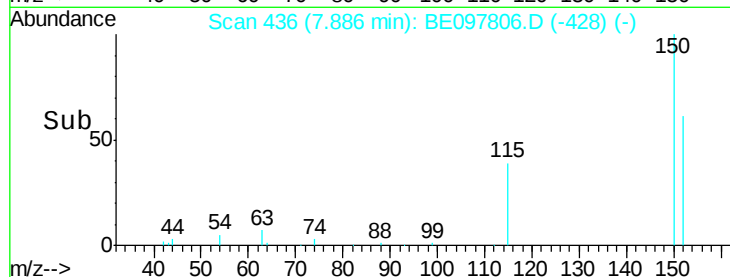
115 64.9 46.6 69.8



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



#2

1,4-Dioxane

Concen: 1.368 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

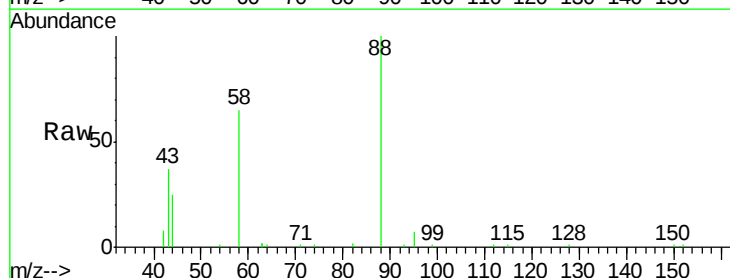
Tgt Ion: 88 Resp: 10931

Ion Ratio Lower Upper

88 100

58 85.3 70.8 106.2

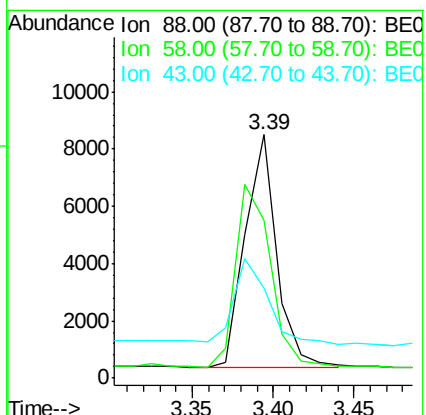
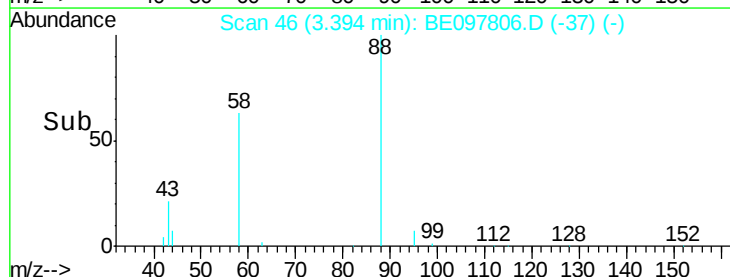
43 40.2 33.3 49.9

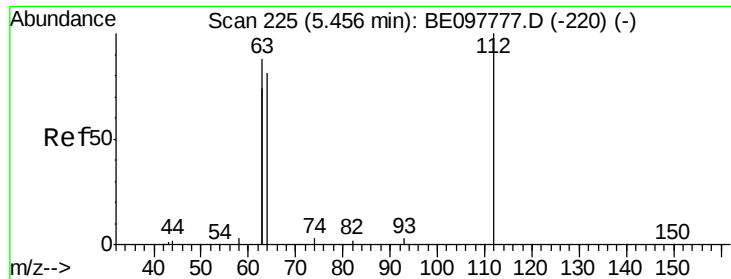


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.041 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003DL

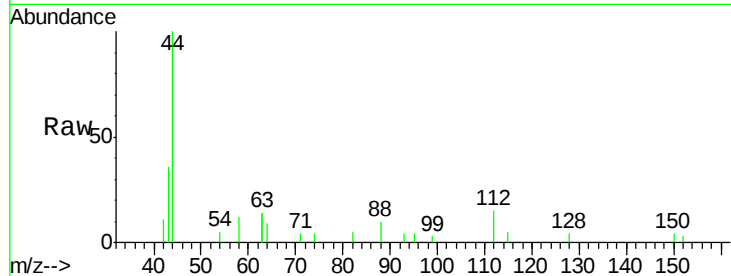
Tgt Ion: 112 Resp: 393

Ion Ratio Lower Upper

112 100

64 64.1 56.6 84.8

63 160.8 119.4 179.0



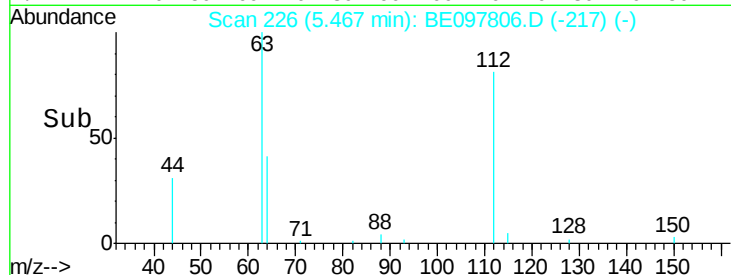
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

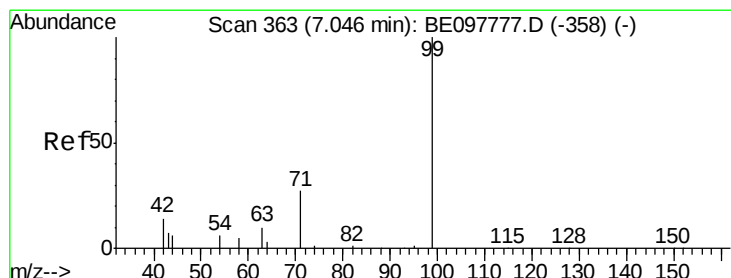
Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.47



Time-->



#5

Phenol-d6

Concen: 0.018 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

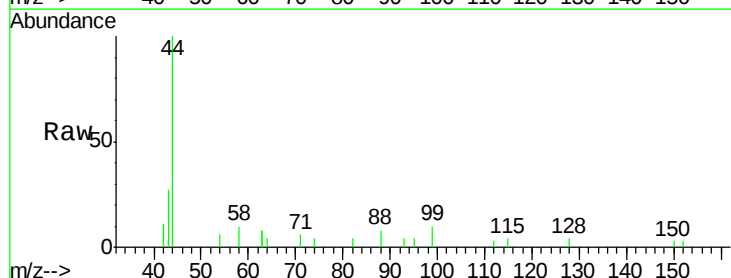
Tgt Ion: 99 Resp: 260

Ion Ratio Lower Upper

99 100

42 58.1 19.9 29.9#

71 55.0 25.4 38.2#



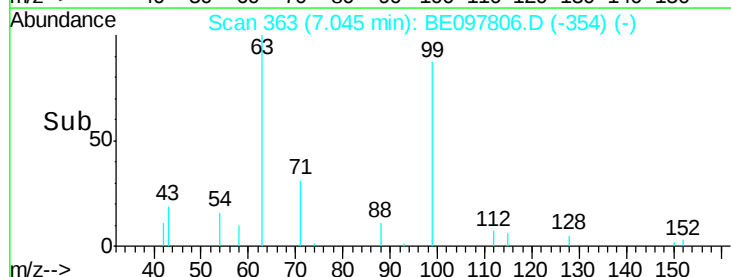
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

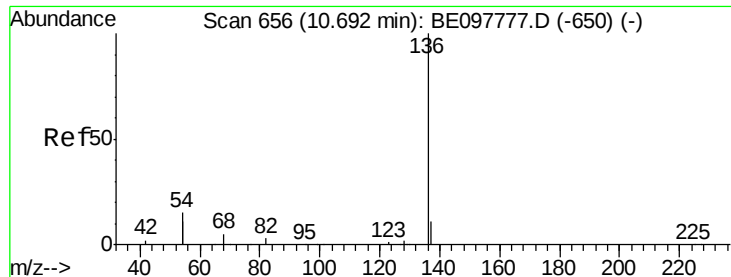
Ion 71.00 (70.70 to 71.70): BE0

Time-->

7.04



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003DL

Tgt Ion: 136 Resp: 16813

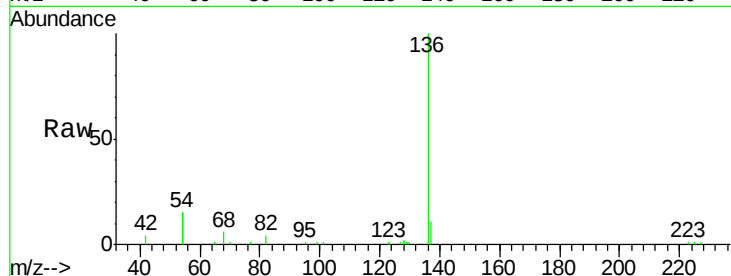
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 29.5 37.8 56.6#

68 5.8 6.4 9.6#

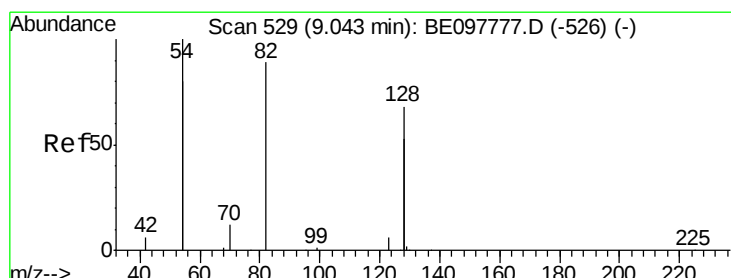
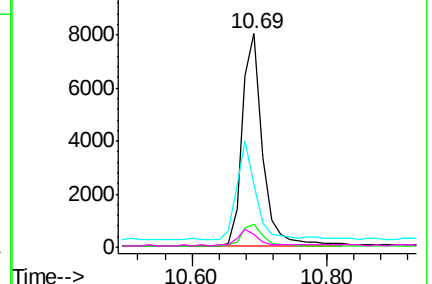
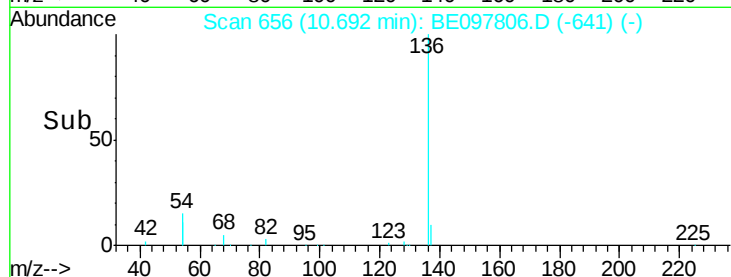


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.138 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

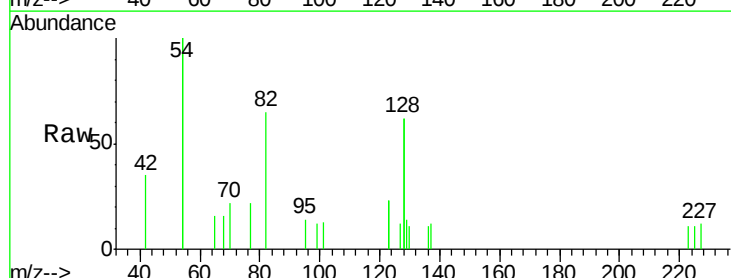
Tgt Ion: 82 Resp: 756

Ion Ratio Lower Upper

82 100

128 192.8 97.0 145.4#

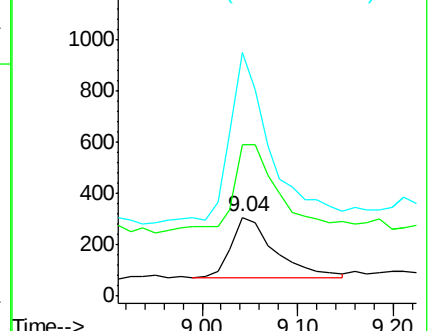
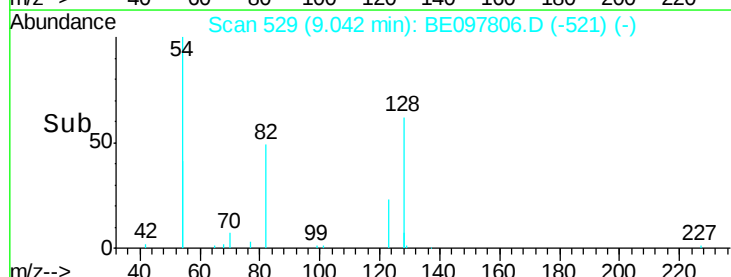
54 308.8 206.9 310.3

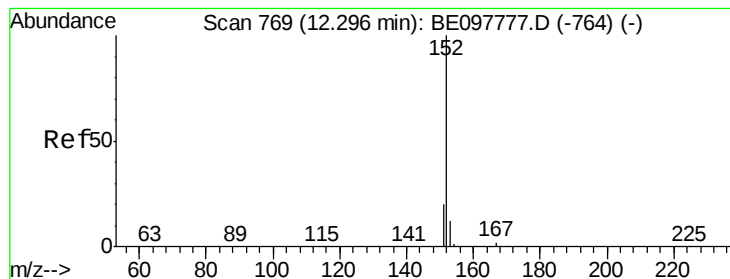


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.092 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

Instrument :

BNA_E

ClientSampleId :

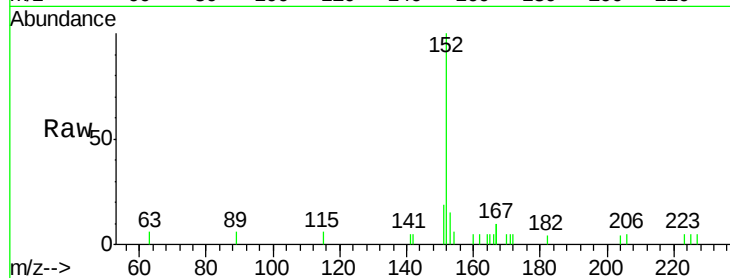
RE-103D1-20181003DL

Tgt Ion:152 Resp: 2471

Ion Ratio Lower Upper

152 100

151 20.8 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

1000

800

600

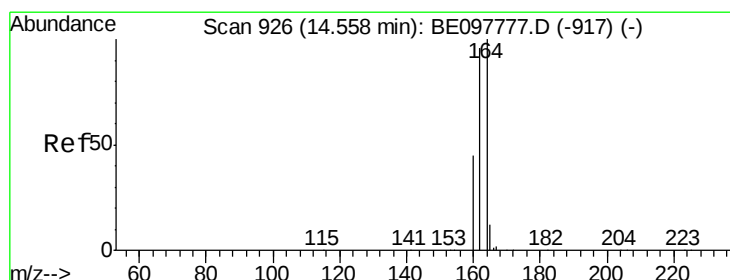
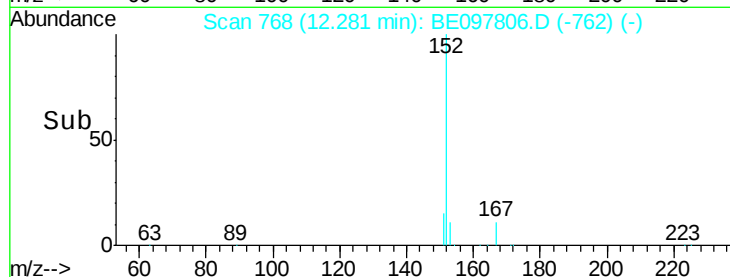
400

200

0

Time-->

12.20 12.30 12.40 12.50



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.02 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

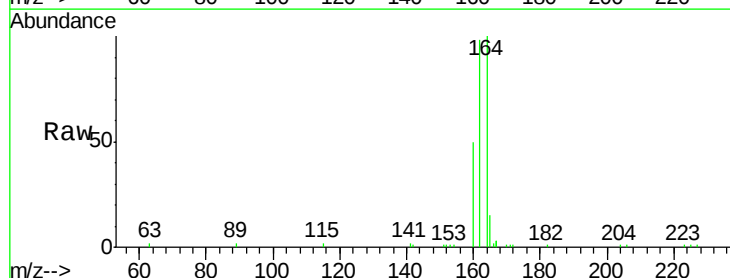
Tgt Ion:164 Resp: 9906

Ion Ratio Lower Upper

164 100

162 97.8 78.6 117.8

160 50.0 37.8 56.6



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

14.54

6000

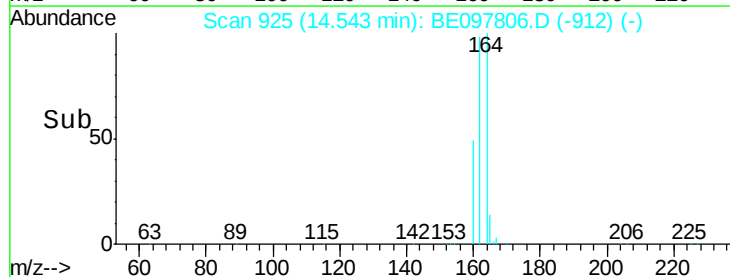
4000

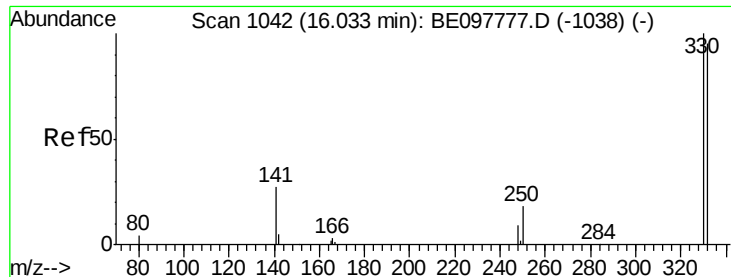
2000

0

Time-->

14.40 14.60

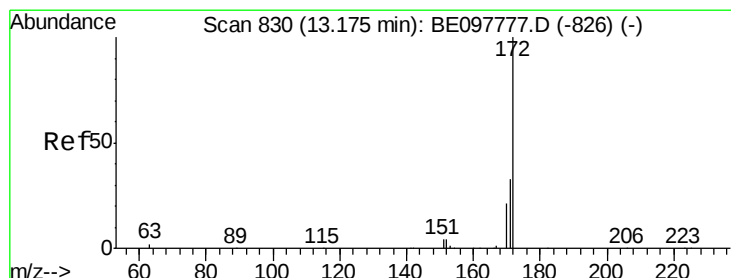
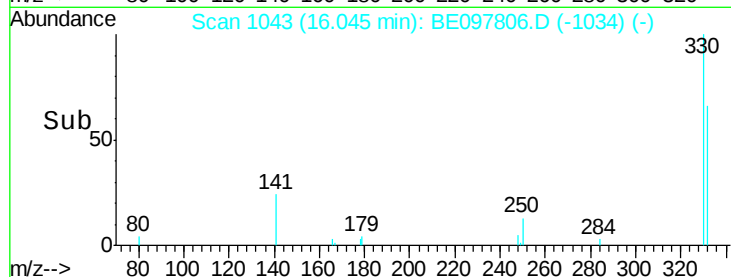
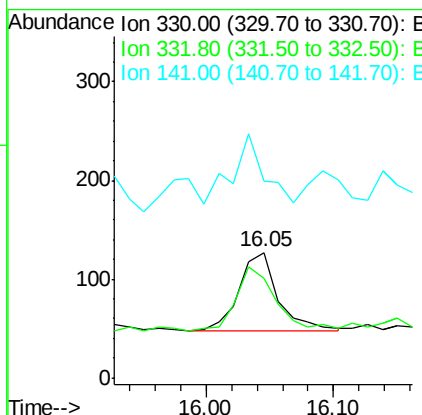
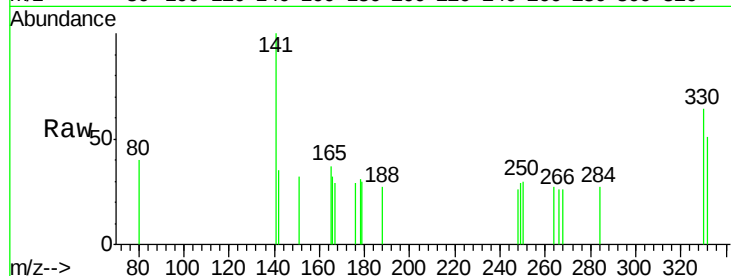




#14
 2,4,6-Tribromophenol
 Concen: 0.092 ng
 RT: 16.05 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097806.D
 Acq: 8 Oct 2018 23:00

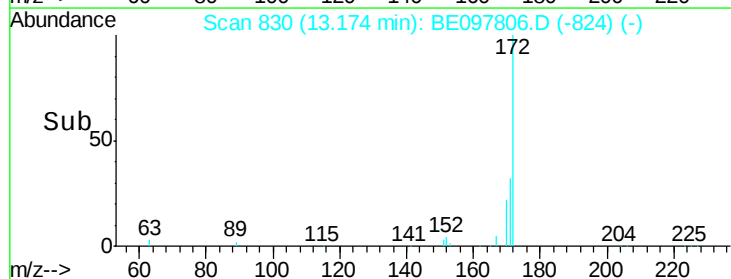
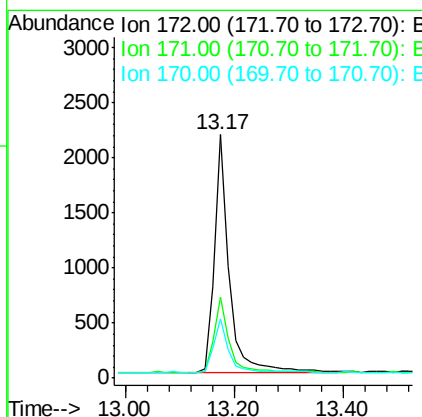
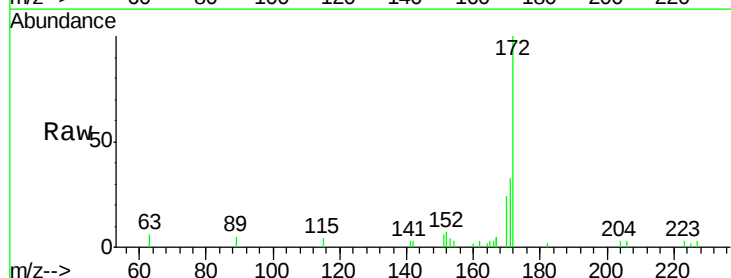
Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181003DL

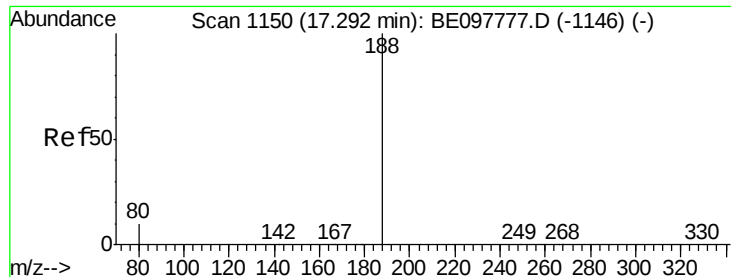
Tgt Ion: 330 Resp: 166
 Ion Ratio Lower Upper
 330 100
 332 83.1 83.5 125.3#
 141 78.9 34.9 52.3#



#15
 2-Fluorobiphenyl
 Concen: 0.095 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097806.D
 Acq: 8 Oct 2018 23:00

Tgt Ion: 172 Resp: 4129
 Ion Ratio Lower Upper
 172 100
 171 33.5 25.2 37.8
 170 24.3 16.2 24.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003DL

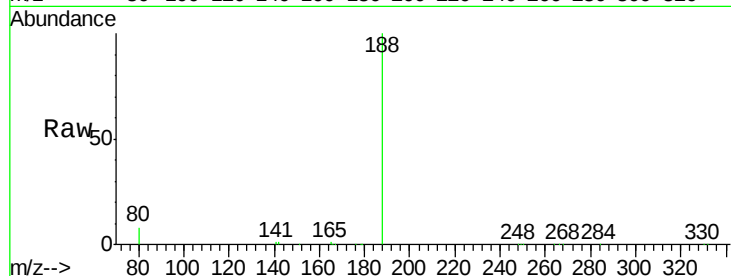
Tgt Ion:188 Resp: 27737

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

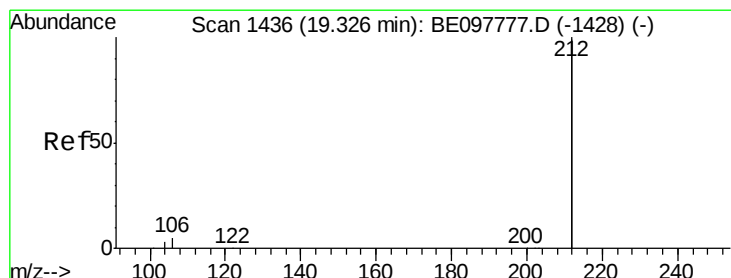
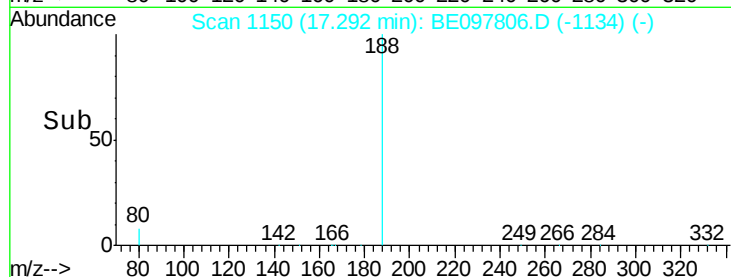
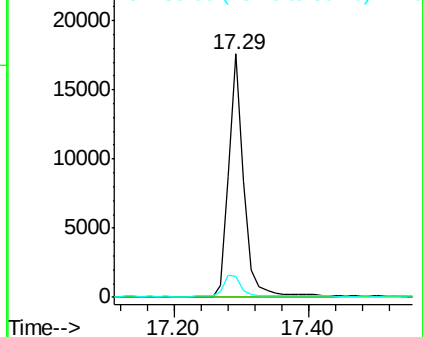
80 8.4 6.6 9.8



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: 0.088 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

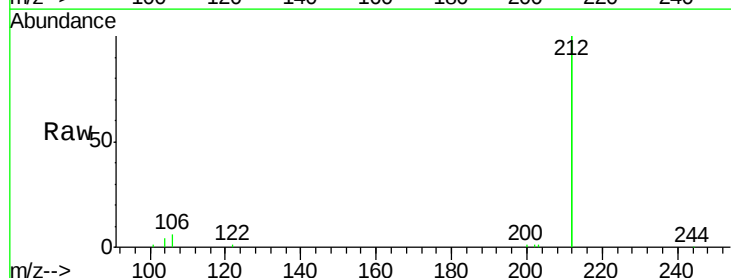
Tgt Ion:212 Resp: 30944

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

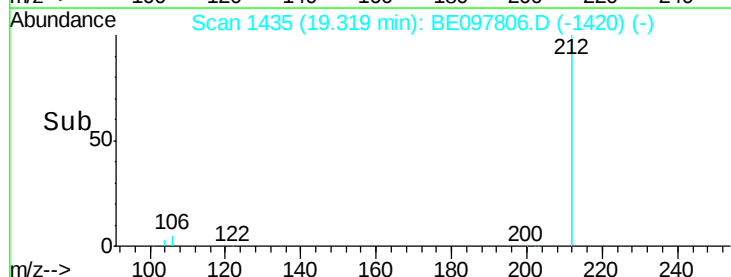
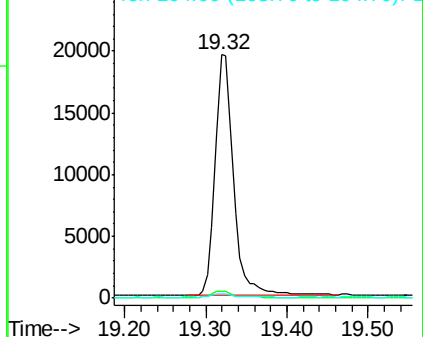
104 1.6 1.2 1.8

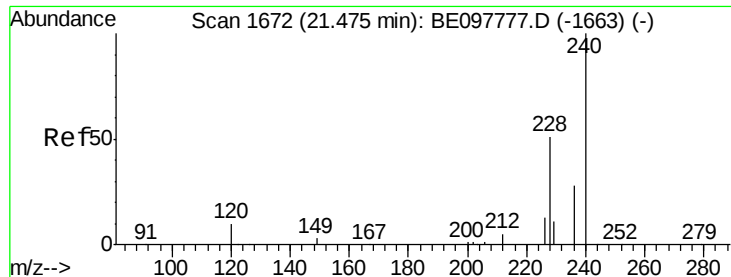


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003DL

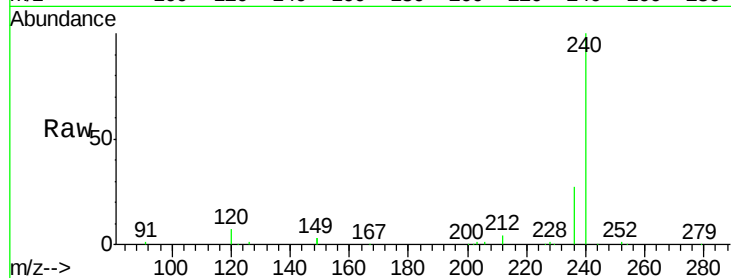
Tgt Ion:240 Resp: 30468

Ion Ratio Lower Upper

240 100

120 7.2 4.7 7.1#

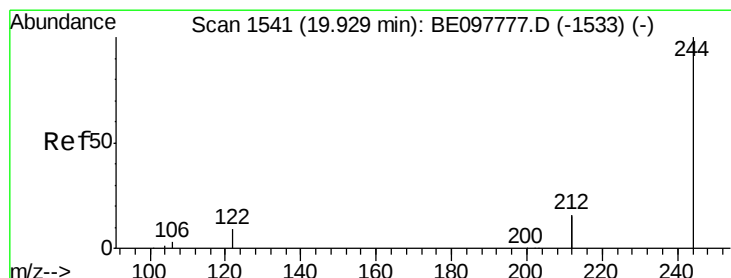
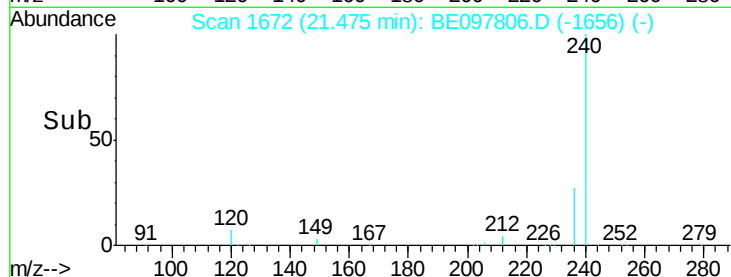
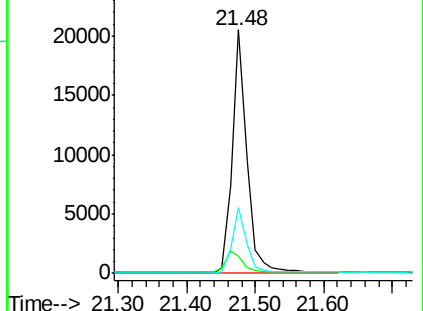
236 26.9 20.8 31.2



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: 0.095 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

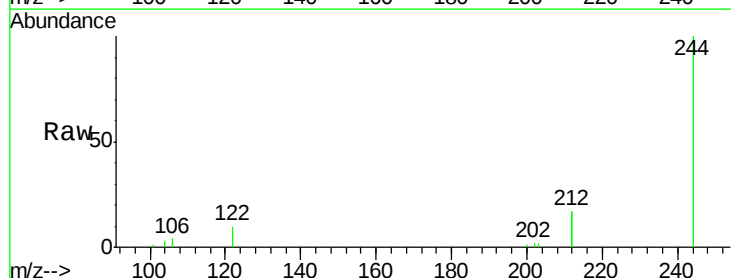
Tgt Ion:244 Resp: 5880

Ion Ratio Lower Upper

244 100

212 34.9 25.8 38.8

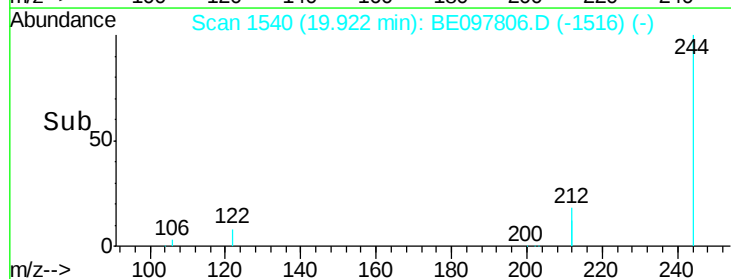
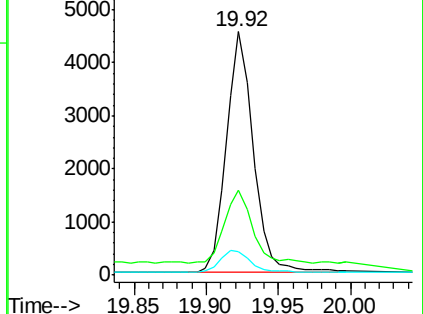
122 9.6 8.7 13.1

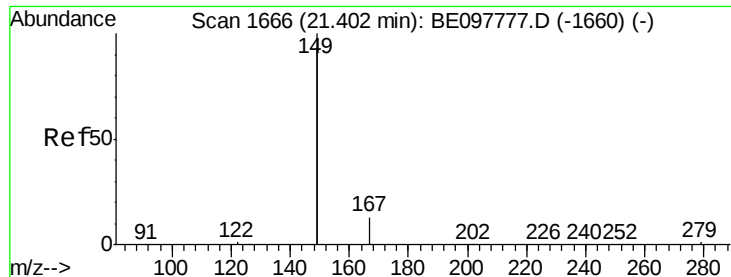


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

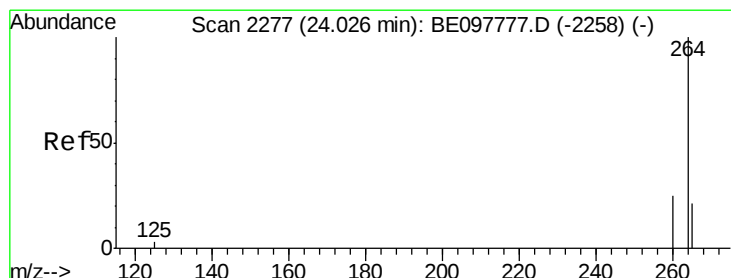
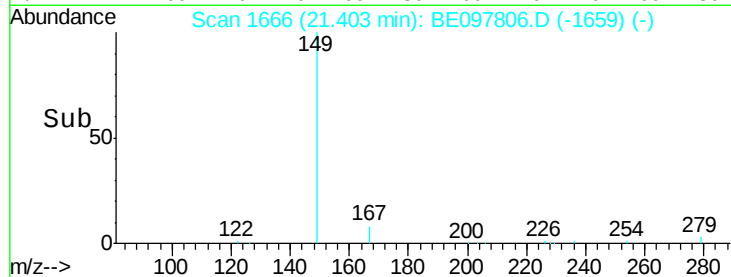
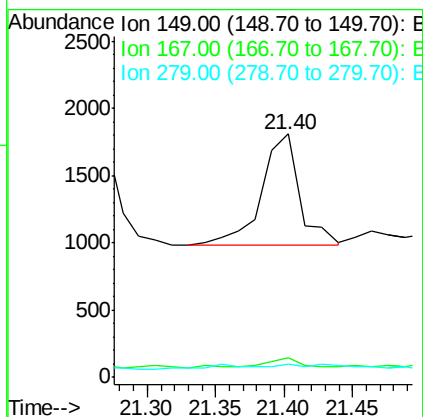
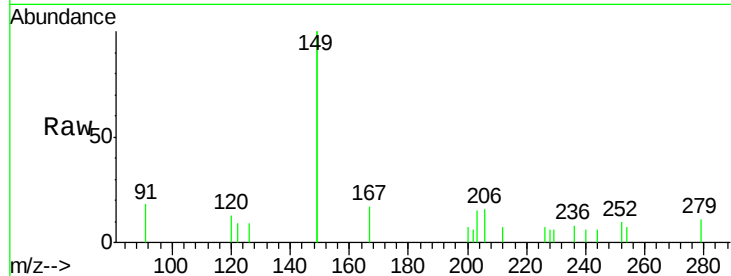




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.026 ng
 RT: 21.40 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BE097806.D
 Acq: 8 Oct 2018 23:00

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181003DL

Tgt Ion:149 Resp: 1568
 Ion Ratio Lower Upper
 149 100
 167 7.8 5.5 8.3
 279 1.1 0.9 1.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BE097806.D
 Acq: 8 Oct 2018 23:00

Tgt Ion:264 Resp: 27719
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.1 28.7
 265 28.1 21.9 32.9

