

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
 Data File : BE097808.D
 Acq On : 9 Oct 2018 00:15
 Operator : SJ/JU
 Sample : J5284-08DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D2-20181002DL

Quant Time: Oct 09 07:00:02 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

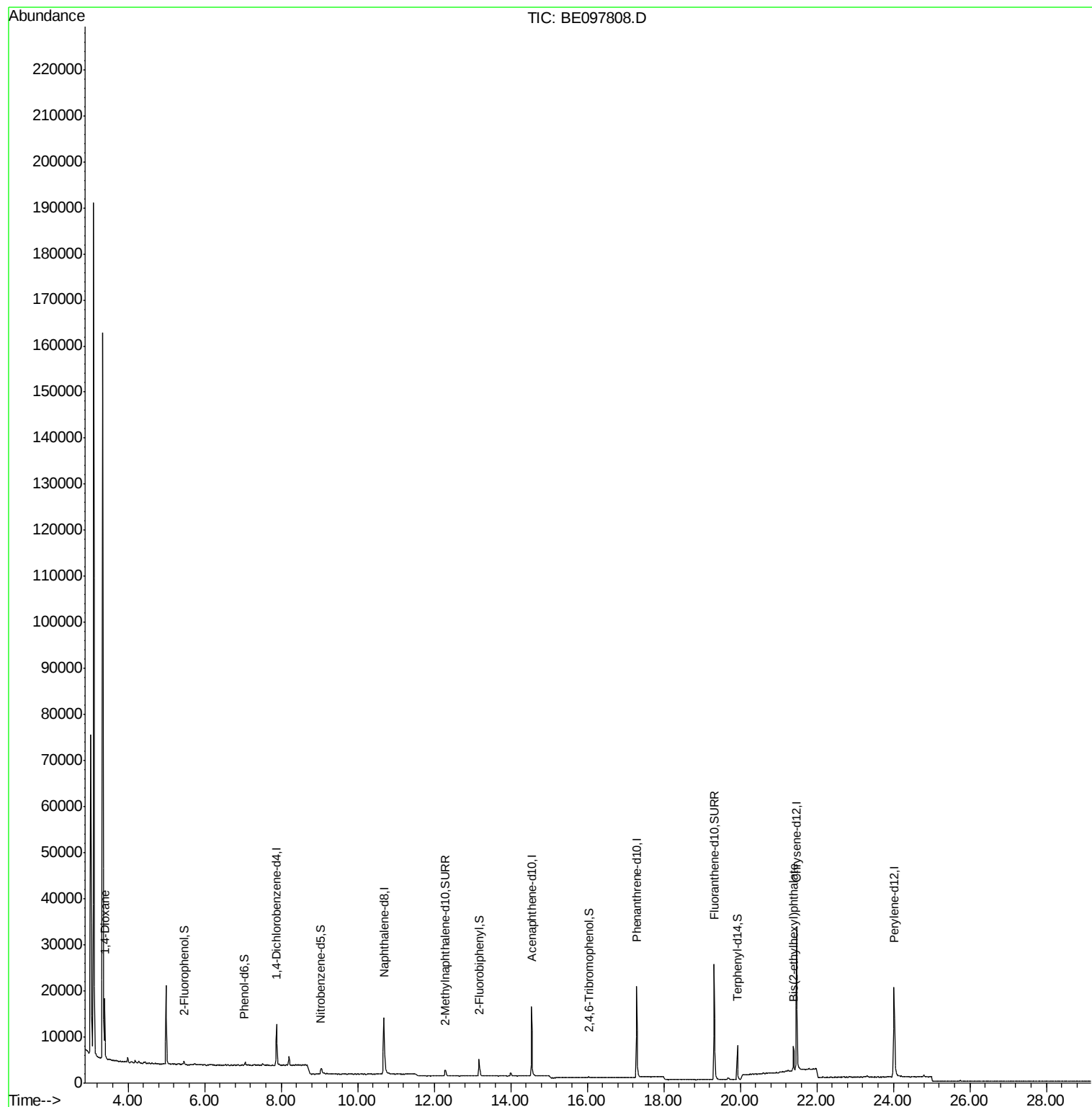
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4018	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	16971	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9775	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	28205	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	33379	0.40	ng	-0.01
34) Perylene-d12	24.02	264	30280	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	377	0.04	ng	-0.01
5) Phenol-d6	7.04	99	319	0.02	ng	0.00
8) Nitrobenzene-d5	9.04	82	790	0.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2588	0.10	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	177	0.10	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	4364	0.10	ng	-0.01
25) Fluoranthene-d10	19.32	212	35584	0.10	ng	-0.01
29) Terphenyl-d14	19.92	244	6823	0.10	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.39	88	8211	1.026	ng	97
32) Bis(2-ethylhexyl)phthalate	21.39	149	8290	0.126	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: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097808.D

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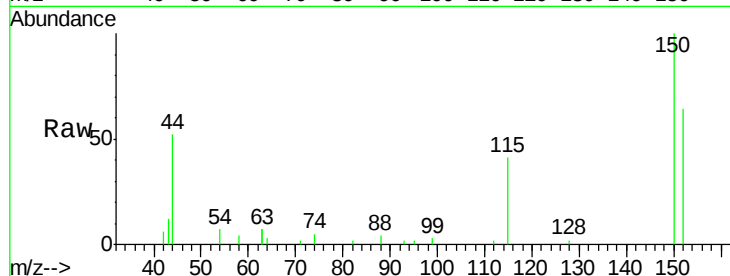
Tgt Ion:152 Resp: 4018

Ion Ratio Lower Upper

152 100

150 155.0 120.9 181.3

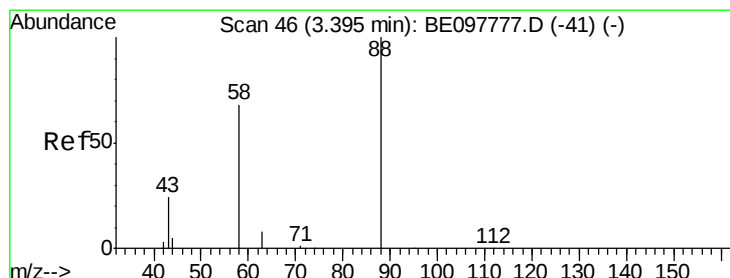
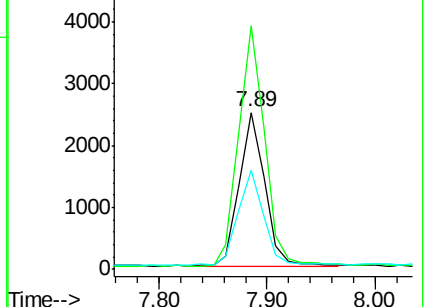
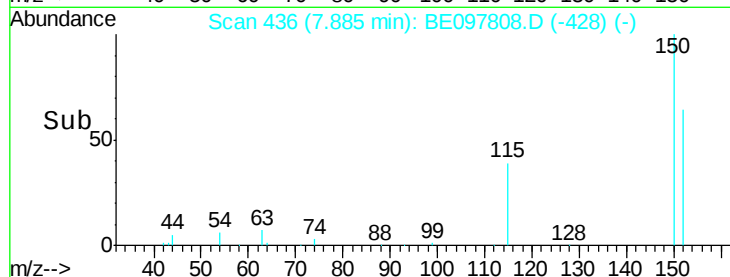
115 62.9 46.6 69.8



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: 1.026 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097808.D

Acq: 9 Oct 2018 00:15

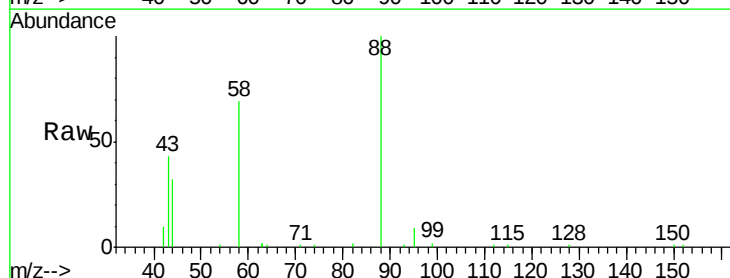
Tgt Ion: 88 Resp: 8211

Ion Ratio Lower Upper

88 100

58 86.1 70.8 106.2

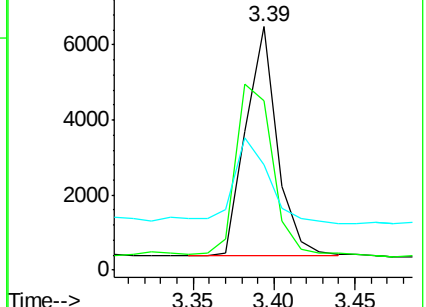
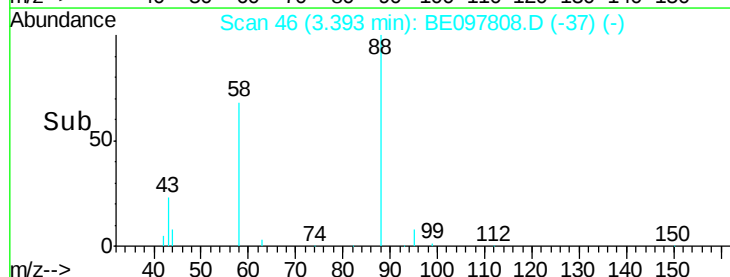
43 44.5 33.3 49.9

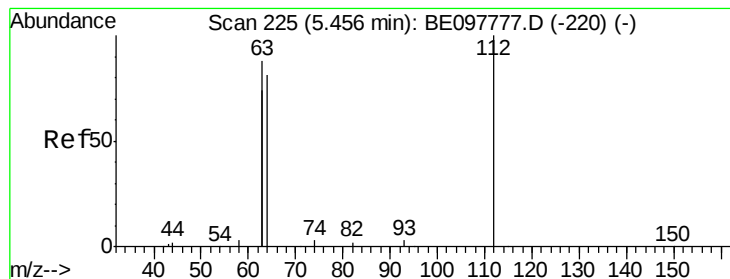


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.040 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097808.D

Acq: 9 Oct 2018 00:15

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181002DL

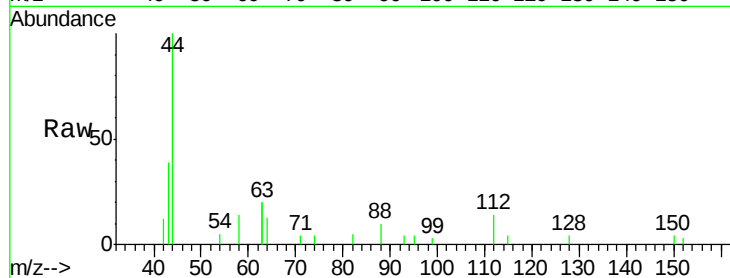
Tgt Ion: 112 Resp: 377

Ion Ratio Lower Upper

112 100

64 72.7 56.6 84.8

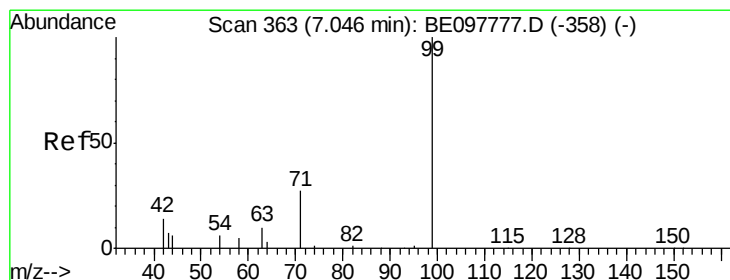
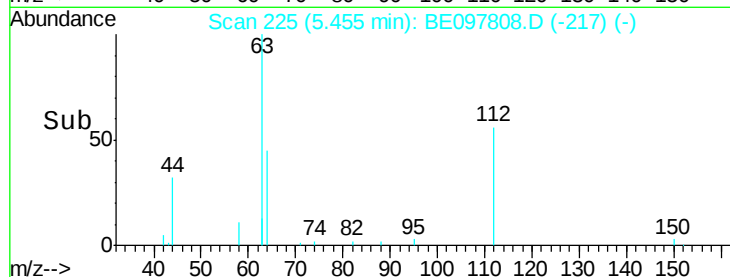
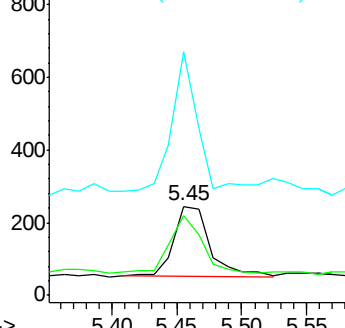
63 141.9 119.4 179.0



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: 0.022 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097808.D

Acq: 9 Oct 2018 00:15

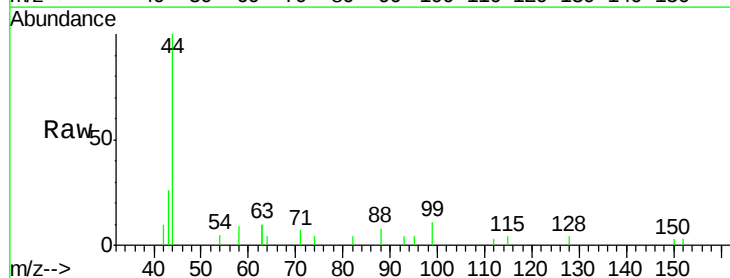
Tgt Ion: 99 Resp: 319

Ion Ratio Lower Upper

99 100

42 42.3 19.9 29.9#

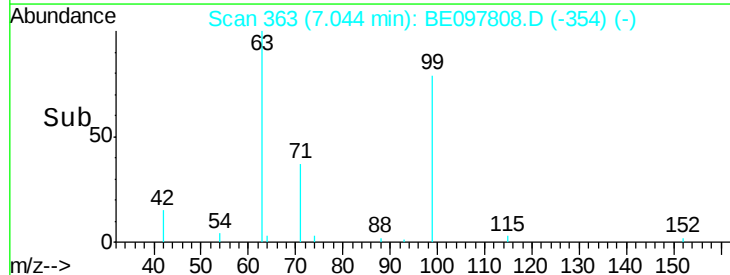
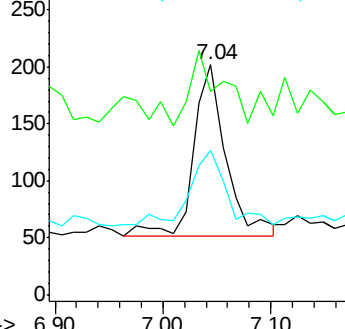
71 51.4 25.4 38.2#

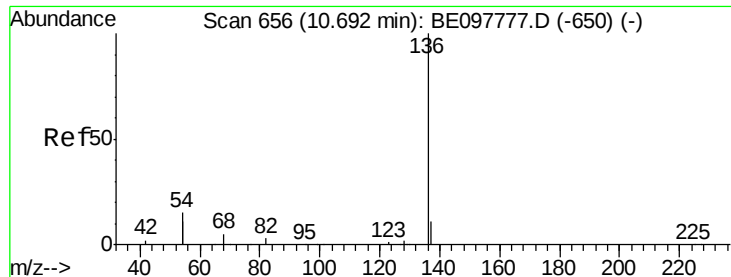


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097808.D

Acq: 9 Oct 2018 00:15

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181002DL

Tgt Ion:136 Resp: 16971

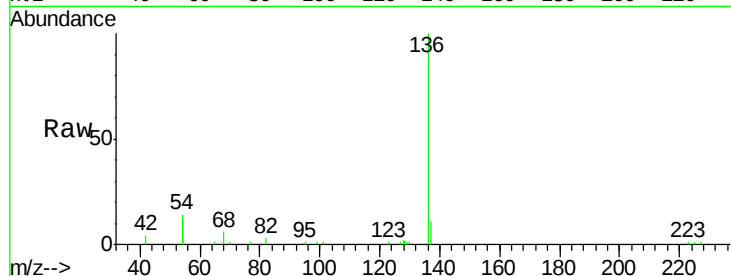
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 28.6 37.8 56.6#

68 5.6 6.4 9.6#

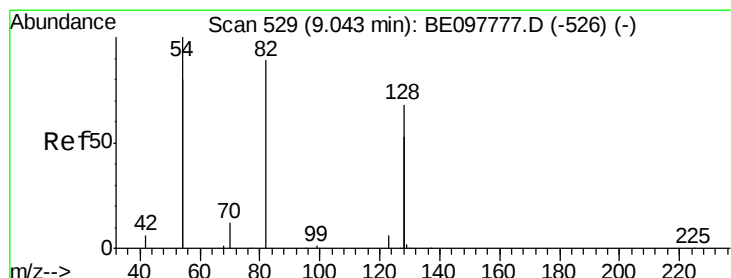
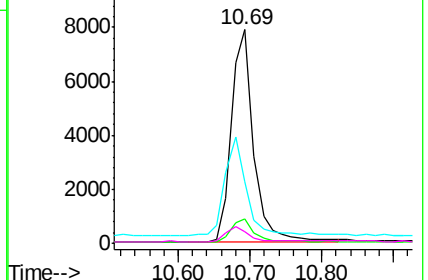
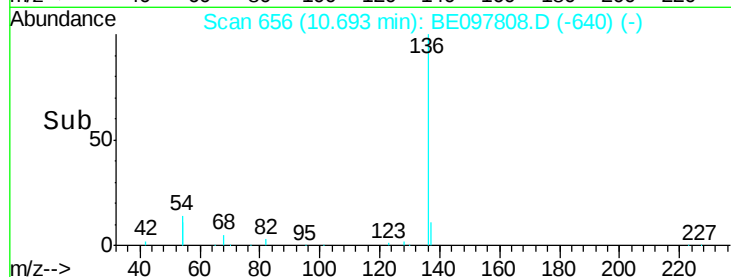


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.143 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097808.D

Acq: 9 Oct 2018 00:15

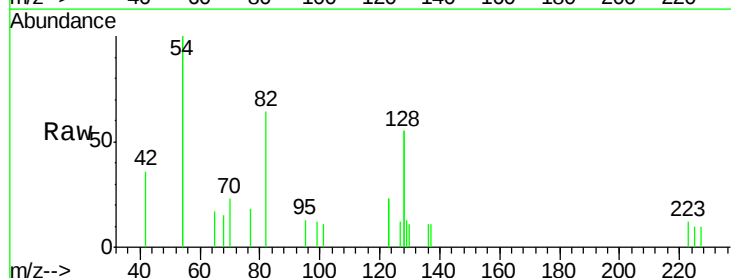
Tgt Ion: 82 Resp: 790

Ion Ratio Lower Upper

82 100

128 170.5 97.0 145.4#

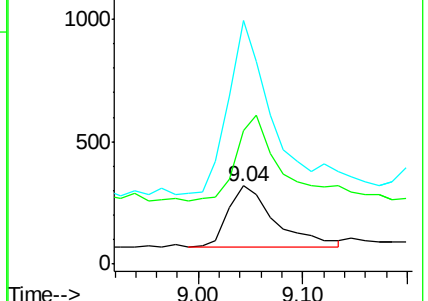
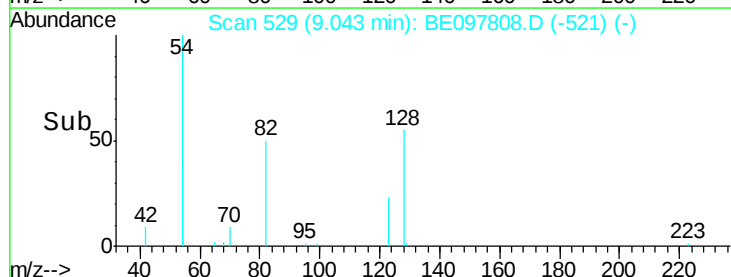
54 311.6 206.9 310.3#

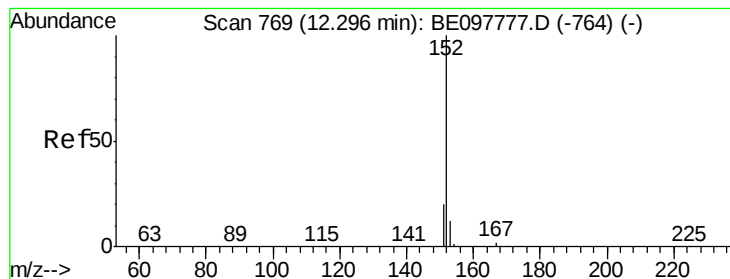


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.096 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097808.D

Acq: 9 Oct 2018 00:15

Instrument :

BNA_E

ClientSampleId :

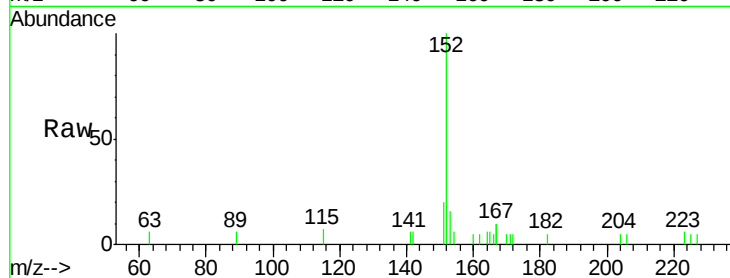
RE-120D2-20181002DL

Tgt Ion:152 Resp: 2588

Ion Ratio Lower Upper

152 100

151 19.7 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

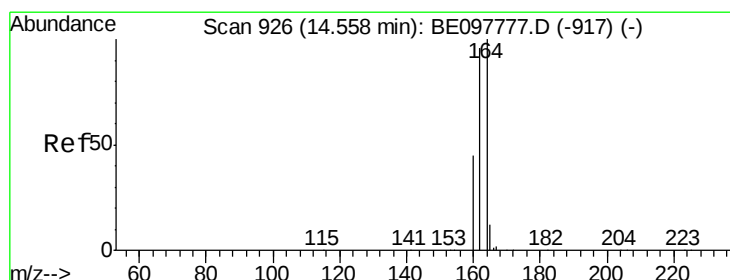
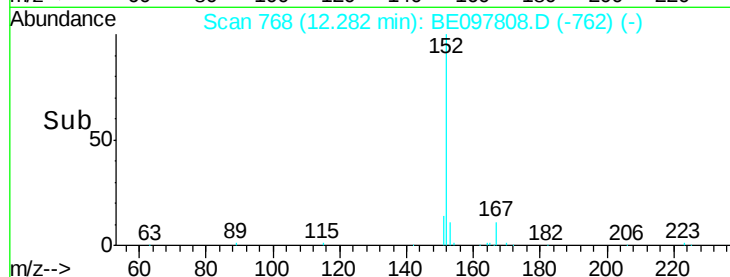
400

200

0

12.20 12.30 12.40 12.50

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097808.D

Acq: 9 Oct 2018 00:15

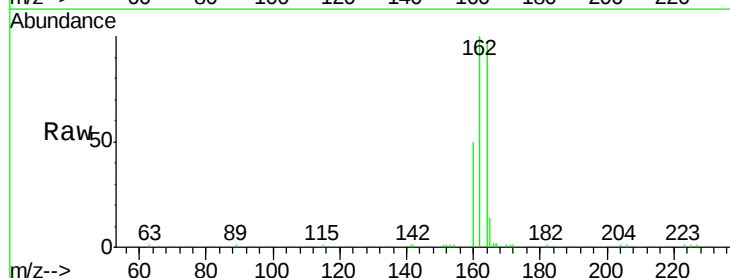
Tgt Ion:164 Resp: 9775

Ion Ratio Lower Upper

164 100

162 102.9 78.6 117.8

160 51.6 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

8000

6000

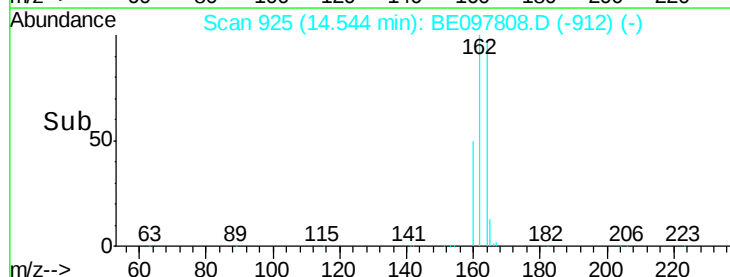
4000

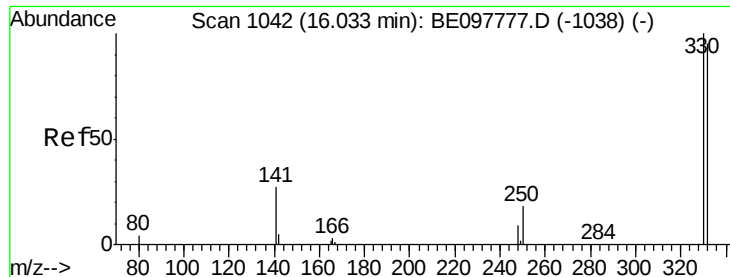
2000

0

14.40 14.50 14.60 14.70

Time-->

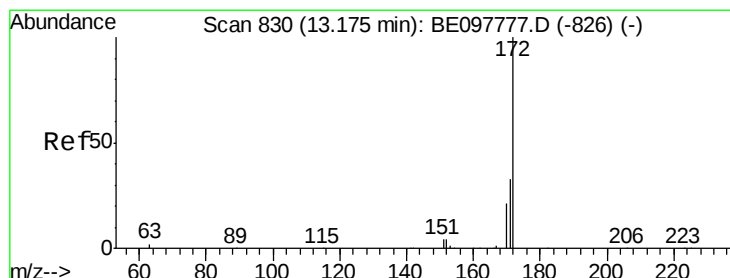
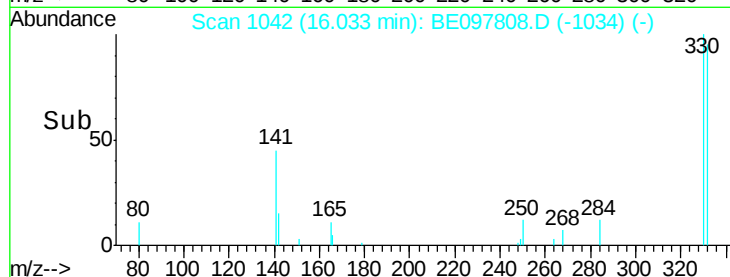
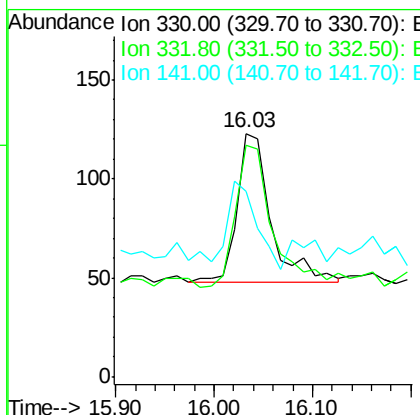
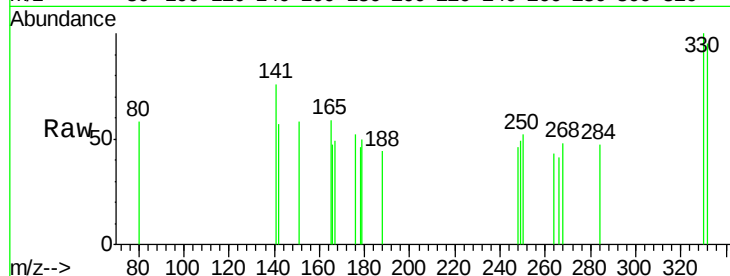




#14
 2,4,6-Tribromophenol
 Concen: 0.100 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097808.D
 Acq: 9 Oct 2018 00:15

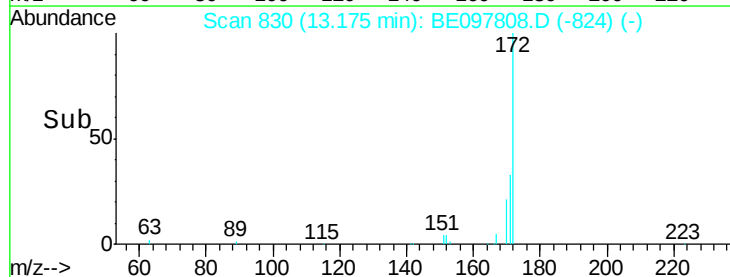
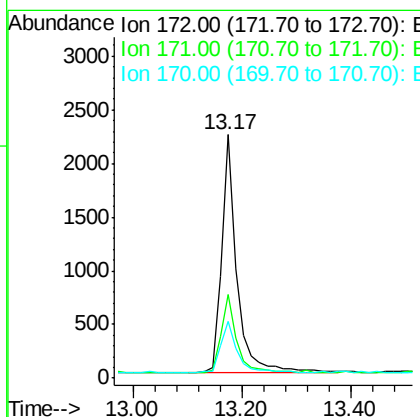
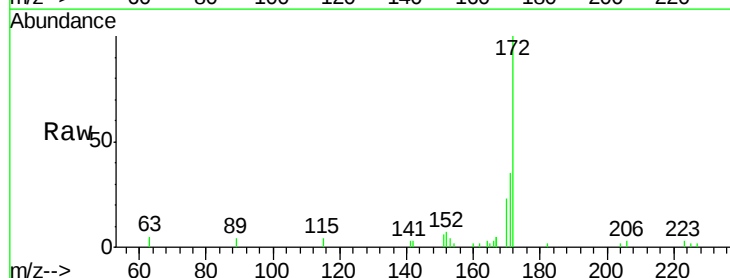
Instrument :
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 RE-120D2-20181002DL

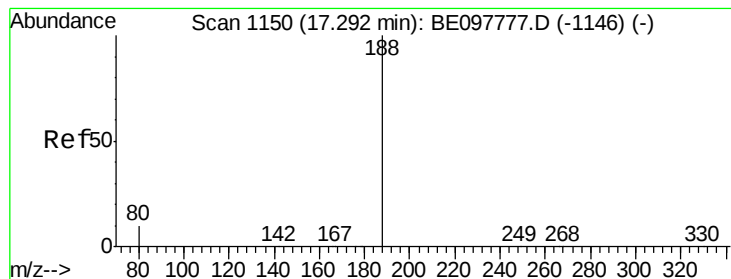
Tgt Ion: 330 Resp: 177
 Ion Ratio Lower Upper
 330 100
 332 110.7 83.5 125.3
 141 51.4 34.9 52.3



#15
 2-Fluorobiphenyl
 Concen: 0.101 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BE097808.D
 Acq: 9 Oct 2018 00:15

Tgt Ion: 172 Resp: 4364
 Ion Ratio Lower Upper
 172 100
 171 34.6 25.2 37.8
 170 23.0 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: BE097808.D

Acq: 9 Oct 2018 00:15

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181002DL

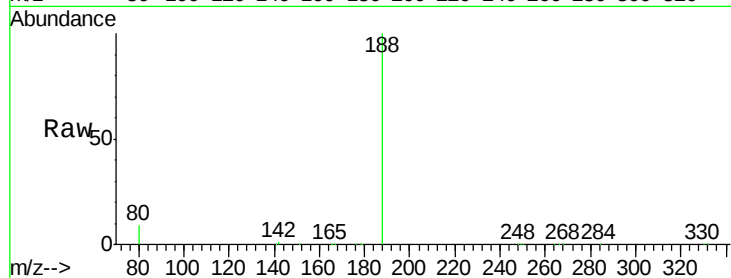
Tgt Ion:188 Resp: 28205

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

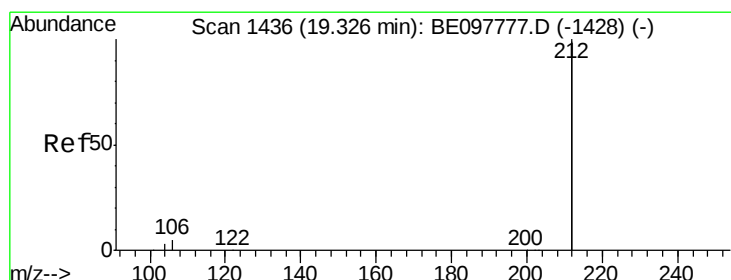
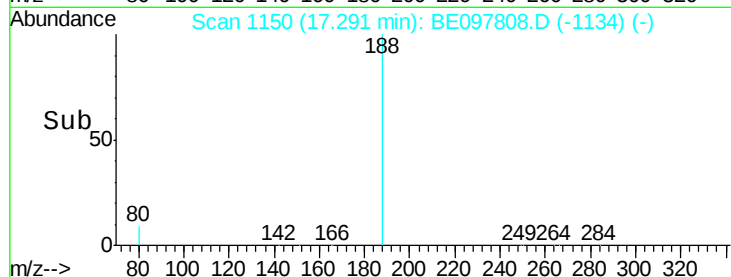
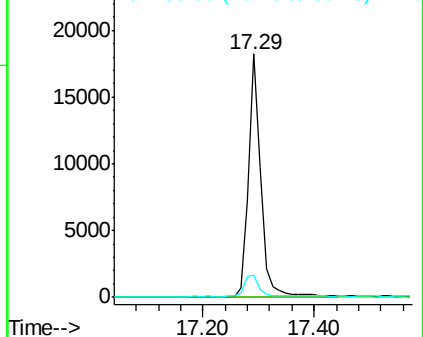
80 9.1 6.6 9.8



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: 0.100 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097808.D

Acq: 9 Oct 2018 00:15

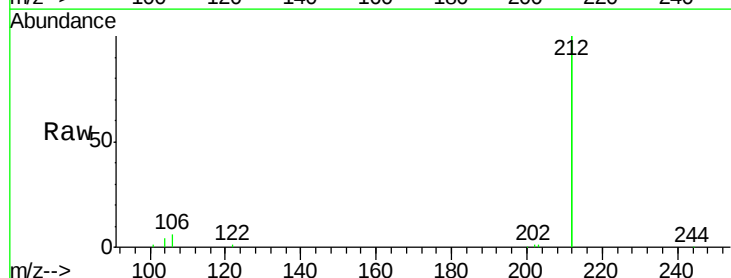
Tgt Ion:212 Resp: 35584

Ion Ratio Lower Upper

212 100

106 2.9 2.2 3.2

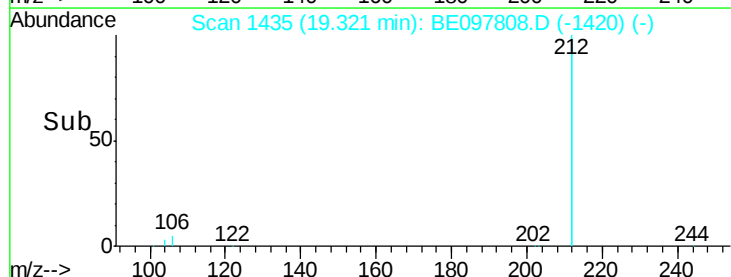
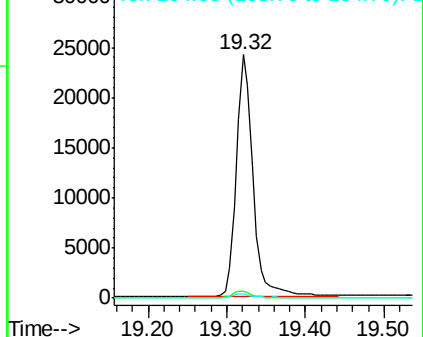
104 1.6 1.2 1.8

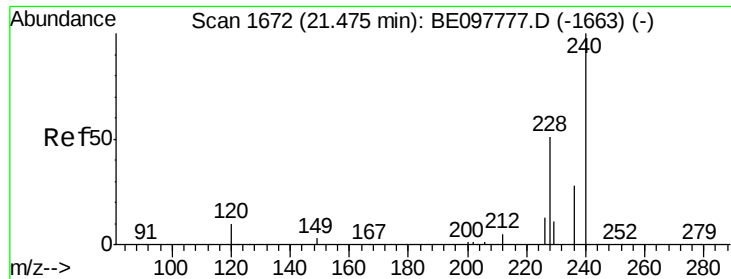


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097808.D

Acq: 9 Oct 2018 00:15

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181002DL

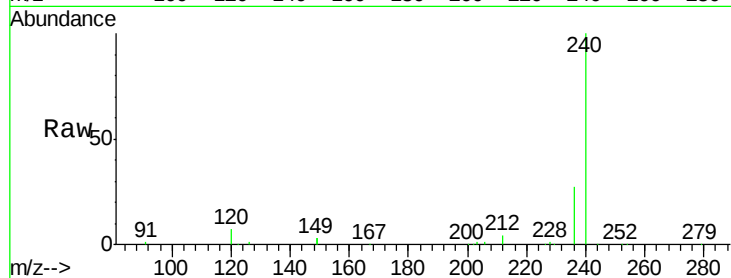
Tgt Ion:240 Resp: 33379

Ion Ratio Lower Upper

240 100

120 6.8 4.7 7.1

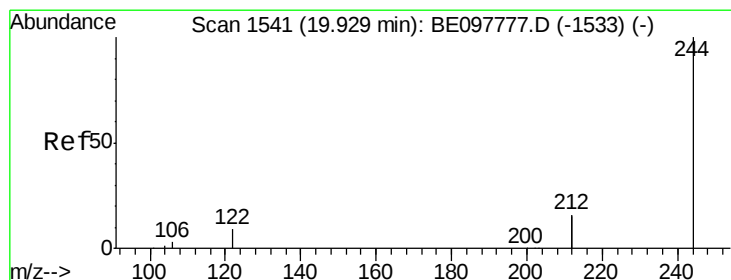
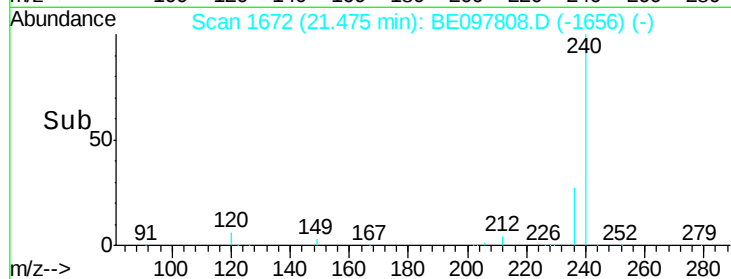
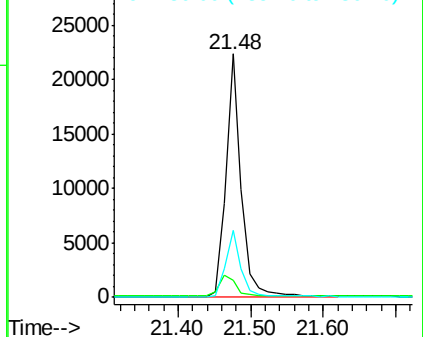
236 27.5 20.8 31.2



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: 0.100 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097808.D

Acq: 9 Oct 2018 00:15

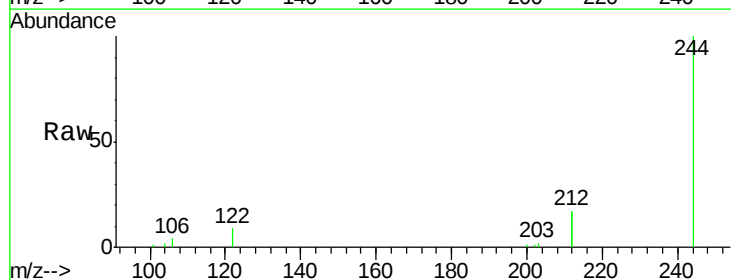
Tgt Ion:244 Resp: 6823

Ion Ratio Lower Upper

244 100

212 34.4 25.8 38.8

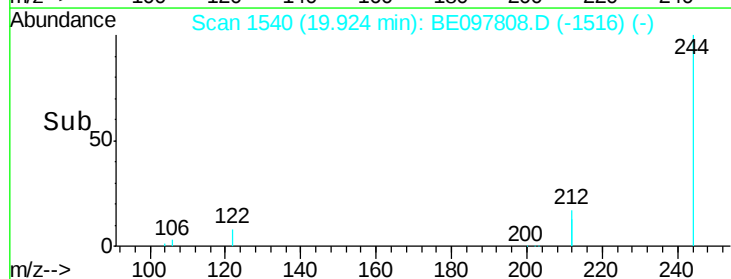
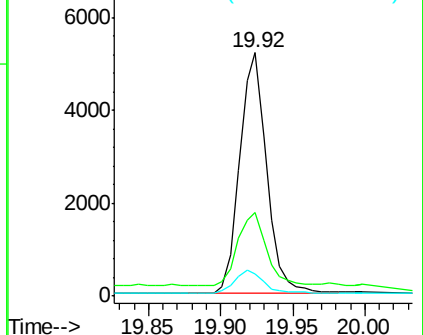
122 9.0 8.7 13.1

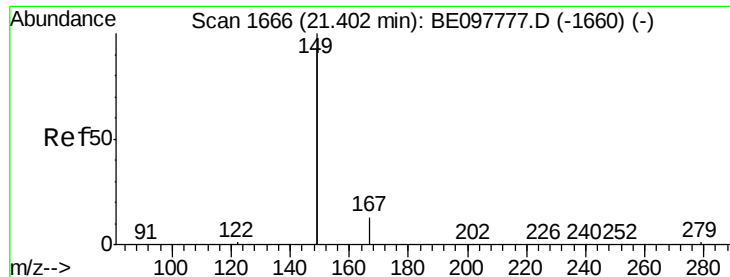


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.126 ng

RT: 21.39 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BE097808.D

Acq: 9 Oct 2018 00:15

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181002DL

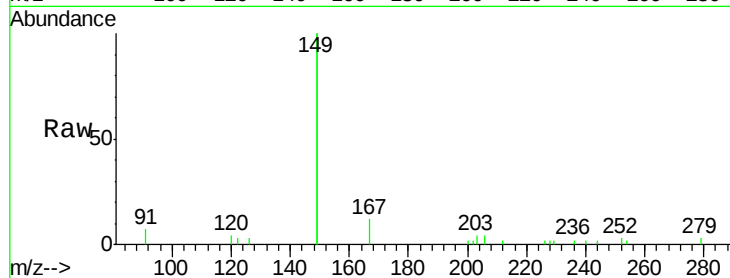
Tgt Ion:149 Resp: 8290

Ion Ratio Lower Upper

149 100

167 6.4 5.5 8.3

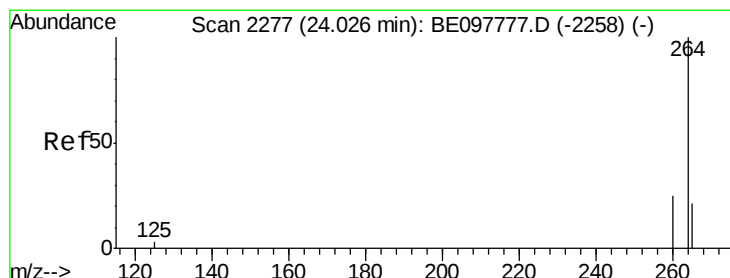
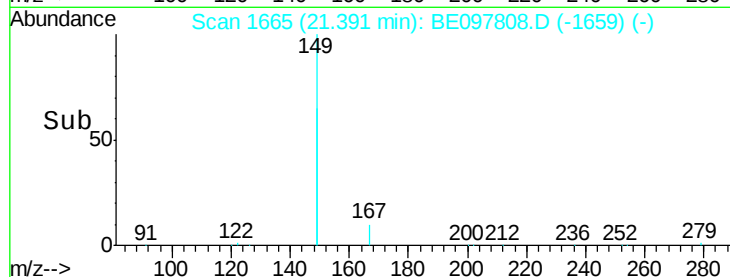
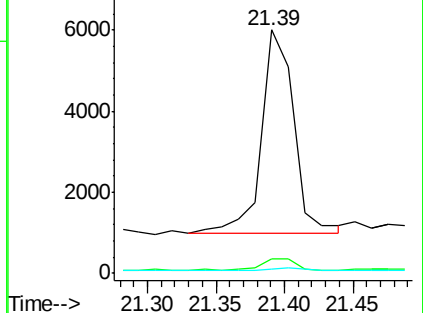
279 1.4 0.9 1.3#



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: 24.02 min Scan# 2275

Delta R.T. -0.02 min

Lab File: BE097808.D

Acq: 9 Oct 2018 00:15

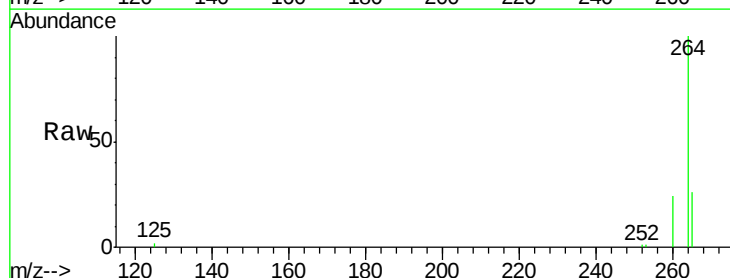
Tgt Ion:264 Resp: 30280

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 26.1 21.9 32.9



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

