

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097083.D
 Acq On : 24 Jul 2018 22:14
 Operator : SJ/JU
 Sample : J4073-13RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-071618RE

Quant Time: Jul 25 01:03:48 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 24 13:24:10 2018
 Response via : Initial Calibration

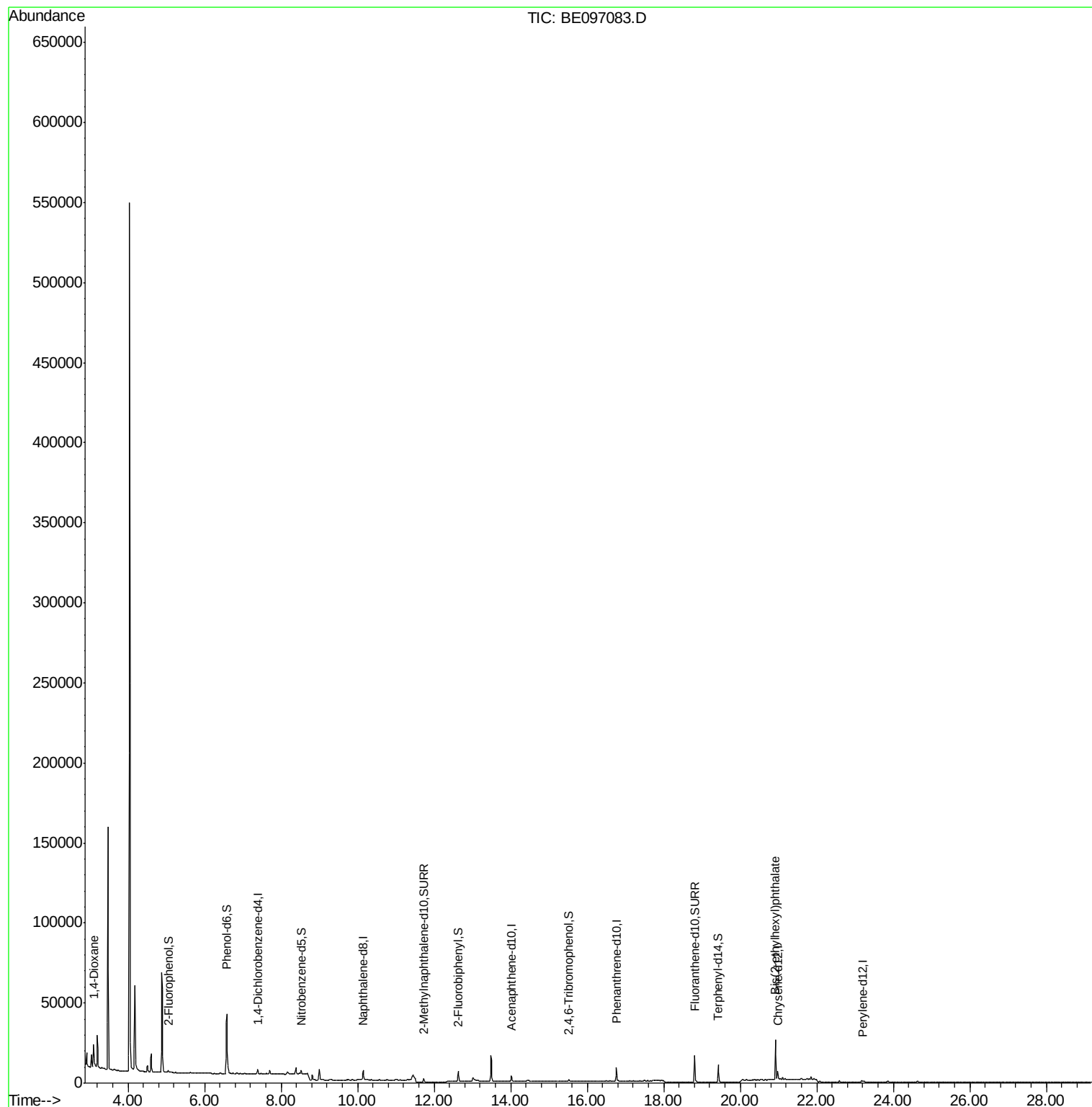
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1333	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6532	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1844	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	10217	0.40	ng	0.00
27) Chrysene-d12	20.98	240	6495	0.40	ng	0.00
34) Perylene-d12	23.21	264	722	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	625	0.17	ng	0.00
5) Phenol-d6	6.59	99	905	0.16	ng	-0.01
8) Nitrobenzene-d5	8.52	82	2099	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3093	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	541	0.89	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5579	0.88	ng	0.00
25) Fluoranthene-d10	18.81	212	22227	0.22	ng	0.00
29) Terphenyl-d14	19.43	244	9226	0.74	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	12227	5.772	ng	# 85
32) Bis(2-ethylhexyl)phthalate	20.92	149	30389	1.504	ng	100

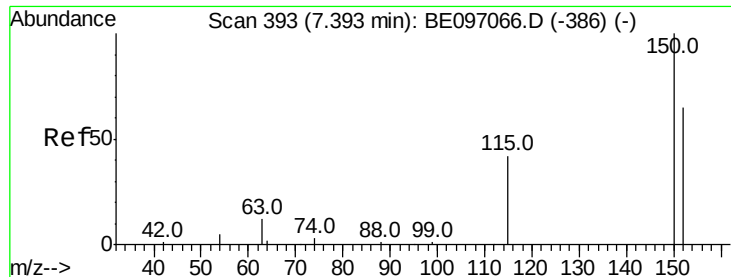
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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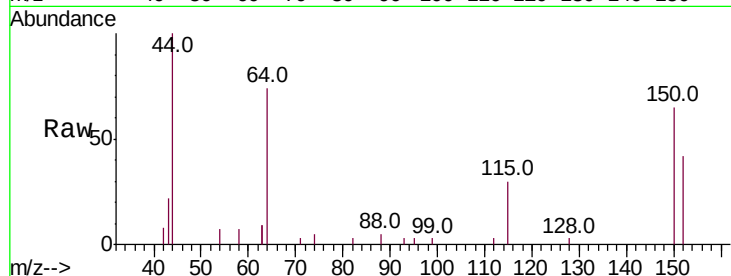


#1

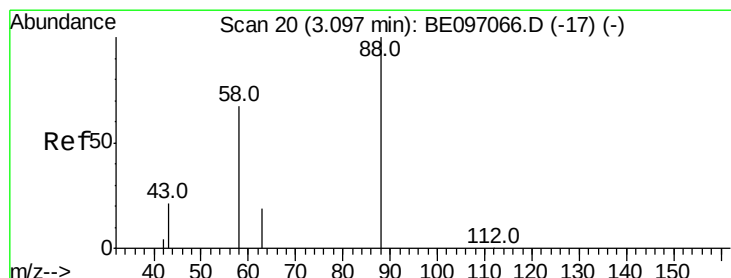
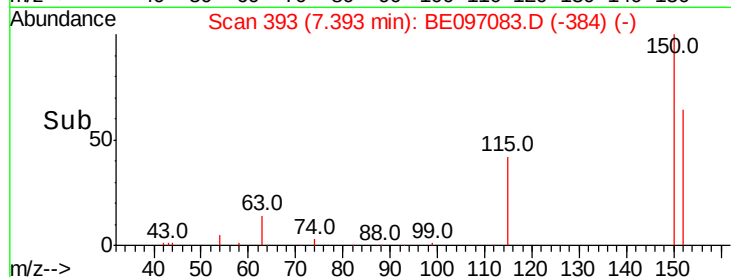
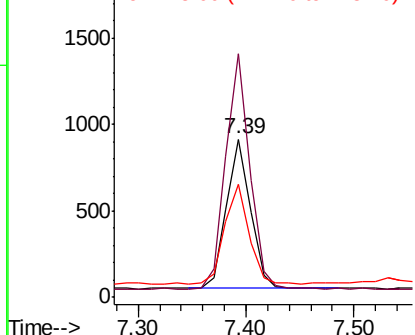
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097083.D
Acq: 24 Jul 2018 22:14

Instrument :
BNA_E
ClientSampleId :
RE109D1-071618RE

Tot Ion:152 Resp: 1333
Ion Ratio Lower Upper
152 100
150 153.8 117.2 175.8
115 71.5 57.0 85.6



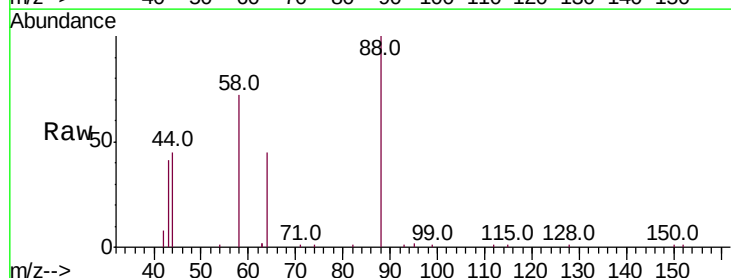
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



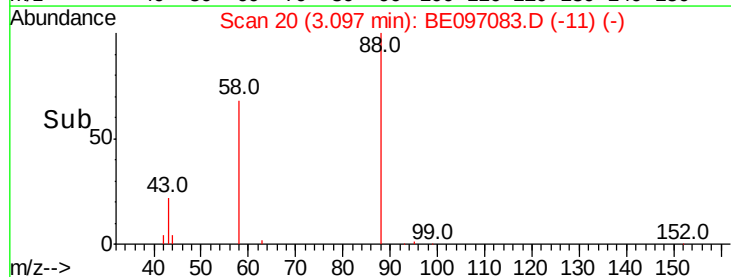
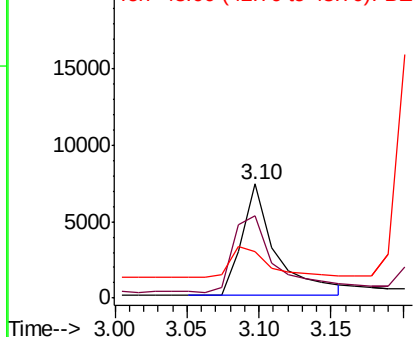
#2

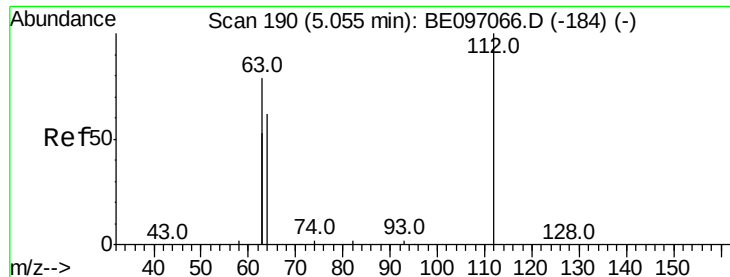
1,4-Dioxane
Concen: 5.772 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097083.D
Acq: 24 Jul 2018 22:14

Tgt Ion: 88 Resp: 12227
Ion Ratio Lower Upper
88 100
58 83.8 63.2 94.8
43 30.4 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





#4

2-Fluorophenol

Concen: 0.167 ng

RT: 5.06 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097083.D

Acq: 24 Jul 2018 22:14

Instrument :

BNA_E

ClientSampleId :

RE109D1-071618RE

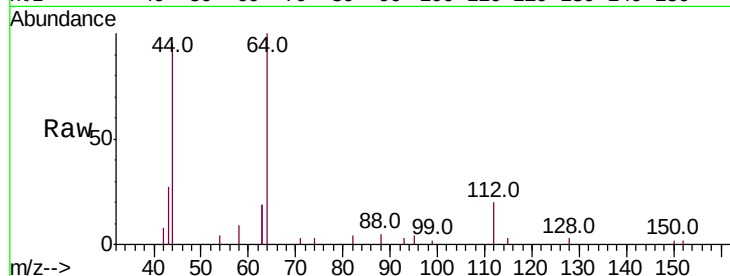
Tot Ion:112 Resp: 625

Ion Ratio Lower Upper

112 100

64 106.7 60.1 90.1#

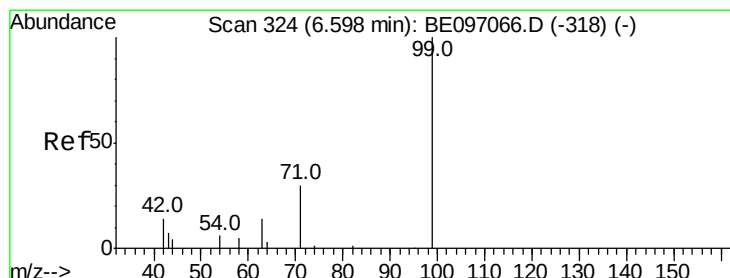
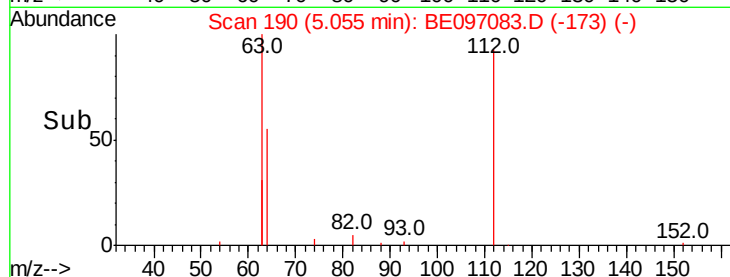
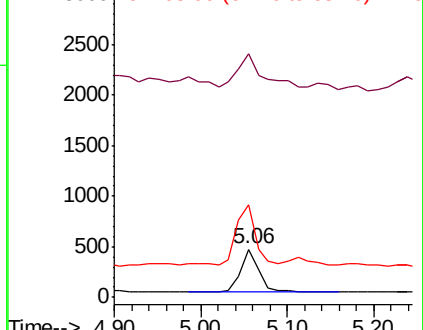
63 144.8 116.8 175.2



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



#5

Phenol-d6

Concen: 0.165 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097083.D

Acq: 24 Jul 2018 22:14

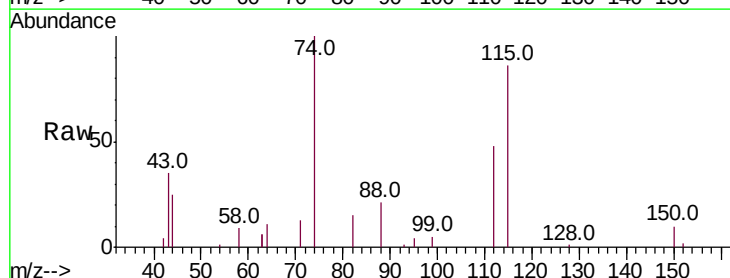
Tgt Ion: 99 Resp: 905

Ion Ratio Lower Upper

99 100

42 82.4 20.2 30.2#

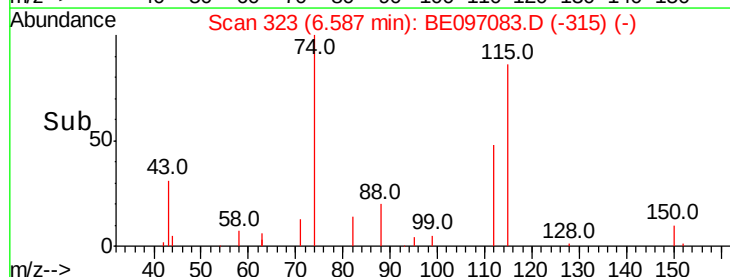
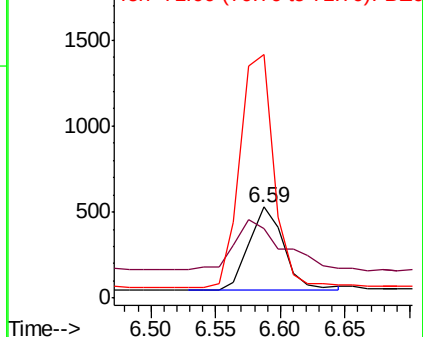
71 274.7 28.4 42.6#

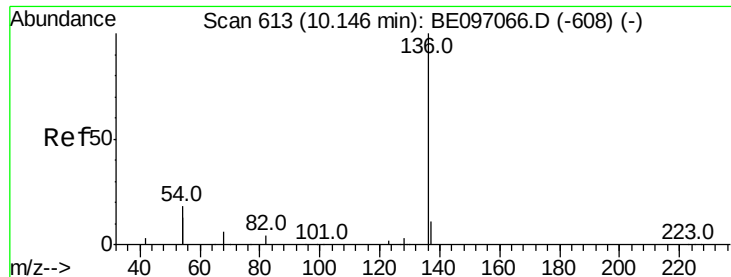


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097083.D

Acq: 24 Jul 2018 22:14

Instrument :

BNA_E

ClientSampleId :

RE109D1-071618RE

Tot Ion:136 Resp: 6532

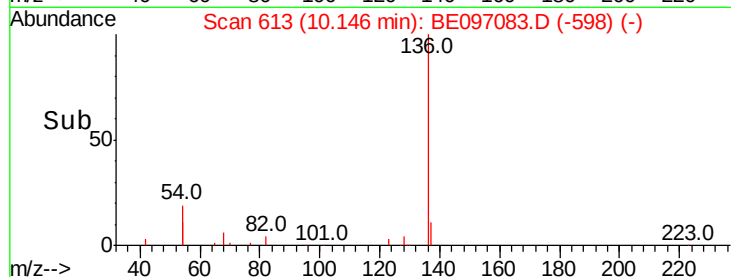
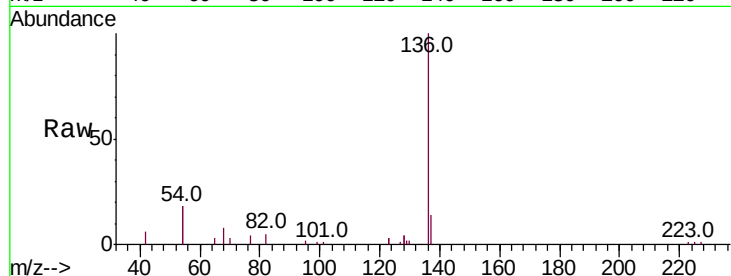
Ion Ratio Lower Upper

136 100

137 14.1 9.5 14.3

54 36.8 29.1 43.7

68 7.8 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

10.15

4000

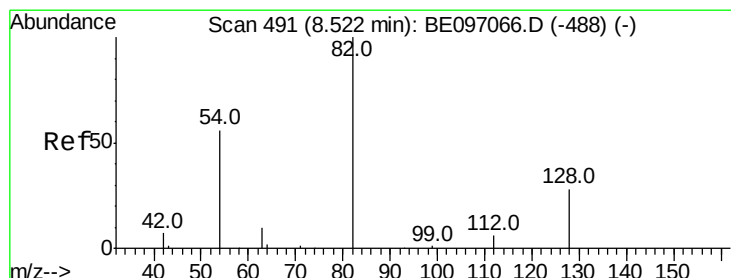
3000

2000

1000

0

Time--> 10.00 10.10 10.20 10.30



#8

Nitrobenzene-d5

Concen: 0.370 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097083.D

Acq: 24 Jul 2018 22:14

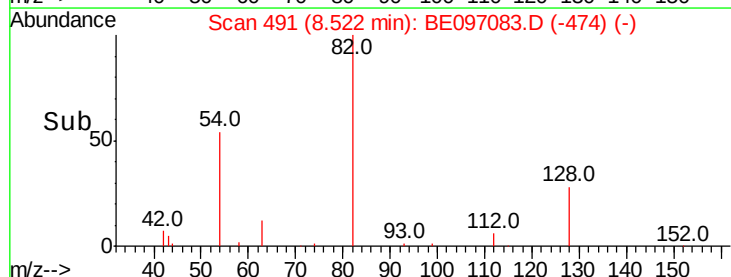
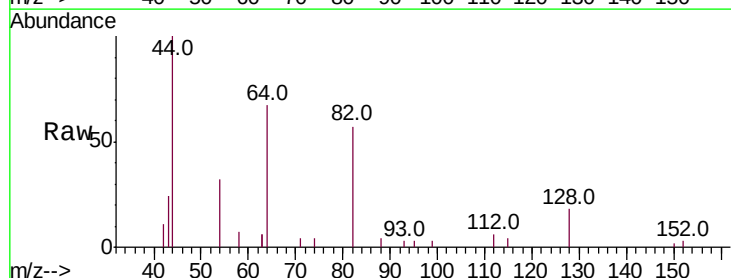
Tgt Ion: 82 Resp: 2099

Ion Ratio Lower Upper

82 100

128 31.3 24.0 36.0

54 56.8 40.0 60.0



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

8.52

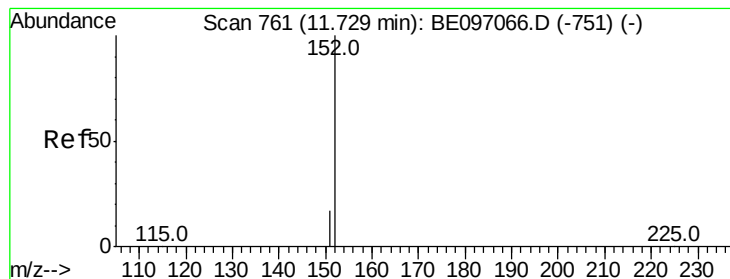
1500

1000

500

0

Time--> 8.40 8.50 8.60 8.70



#11

2-Methylnaphthalene-d10

Concen: 0.316 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097083.D

Acq: 24 Jul 2018 22:14

Instrument :

BNA_E

ClientSampleId :

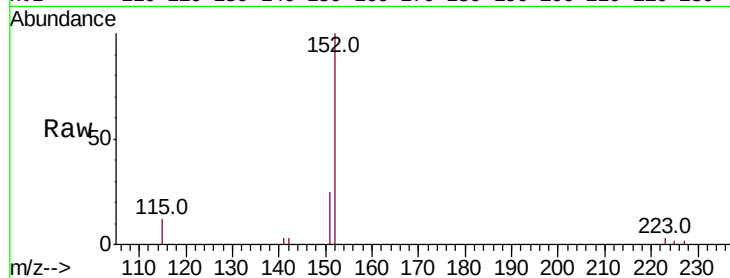
RE109D1-071618RE

Tot Ion:152 Resp: 3093

Ion Ratio Lower Upper

152 100

151 23.4 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2000

1500

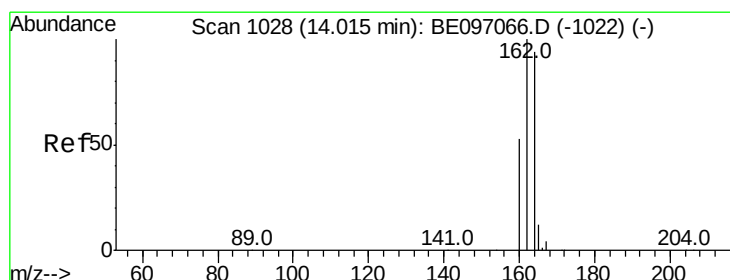
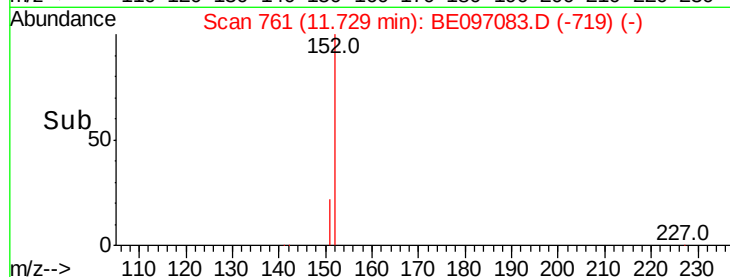
1000

500

0

11.73

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097083.D

Acq: 24 Jul 2018 22:14

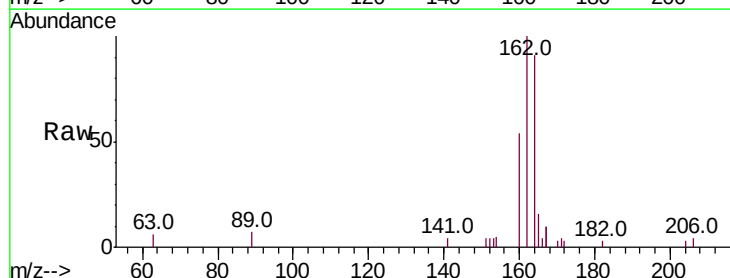
Tgt Ion:164 Resp: 1844

Ion Ratio Lower Upper

164 100

162 110.1 83.1 124.7

160 59.3 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

1500

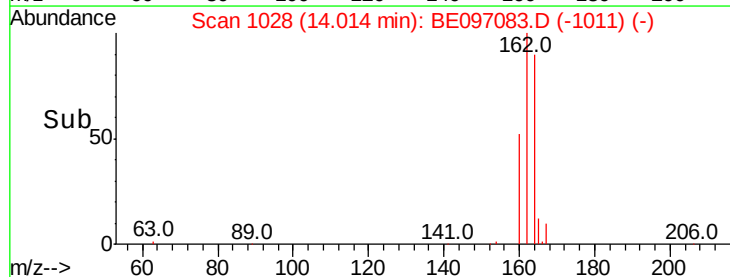
1000

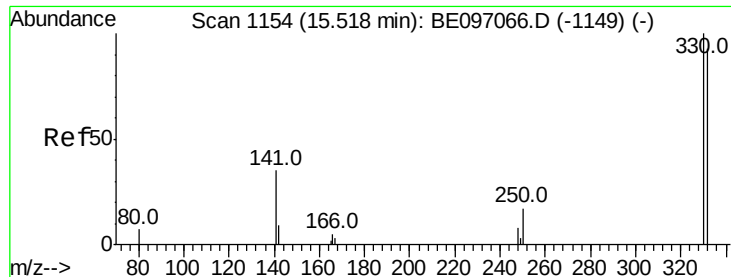
500

0

14.01

Time-->

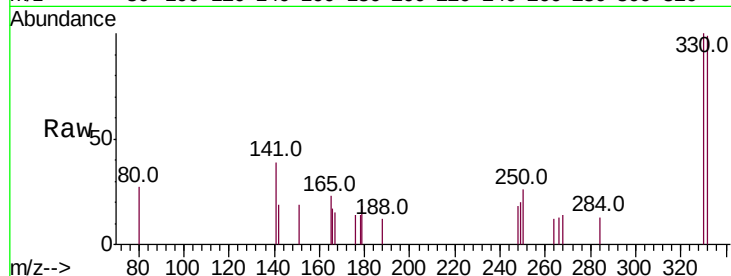




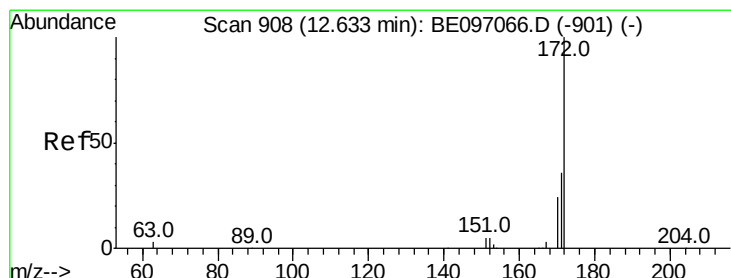
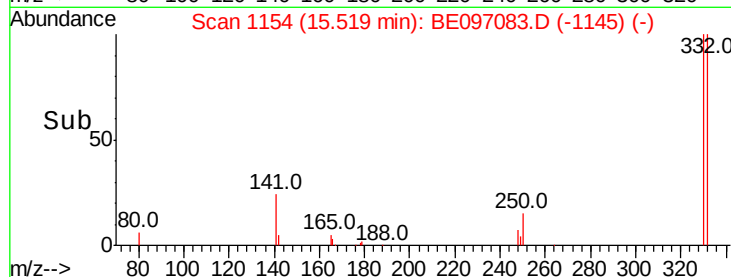
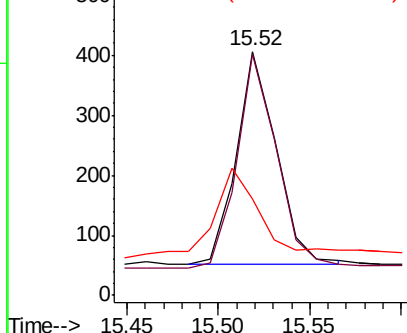
#14
 2,4,6-Tribromophenol
 Concen: 0.891 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097083.D
 Acq: 24 Jul 2018 22:14

Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-071618RE

Tot Ion:330 Resp: 541
 Ion Ratio Lower Upper
 330 100
 332 101.1 152.7 229.1#
 141 50.8 33.7 50.5#

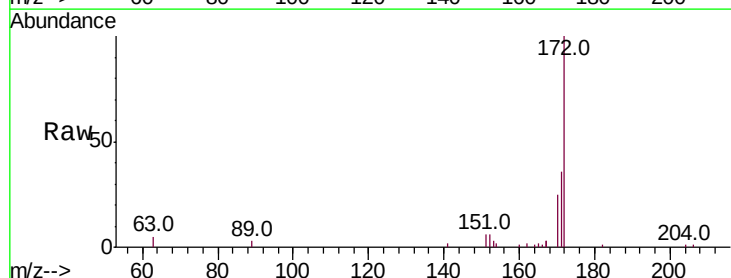


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

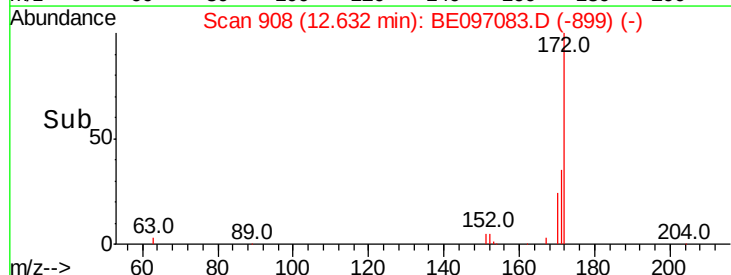
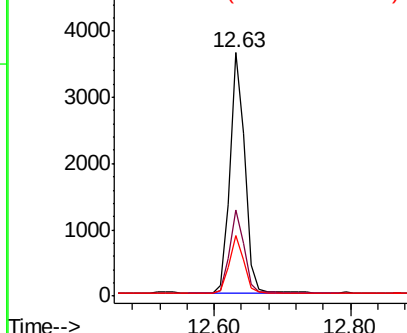


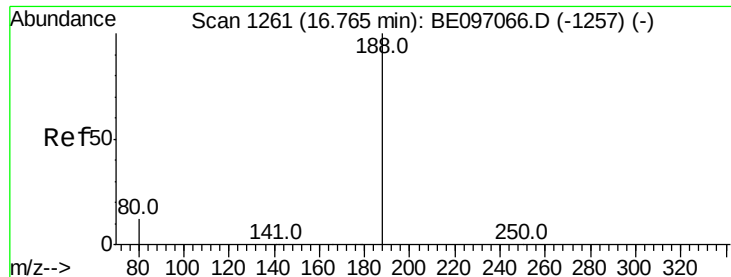
#15
 2-Fluorobiphenyl
 Concen: 0.876 ng
 RT: 12.63 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BE097083.D
 Acq: 24 Jul 2018 22:14

Tgt Ion:172 Resp: 5579
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.9 44.9
 170 25.0 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

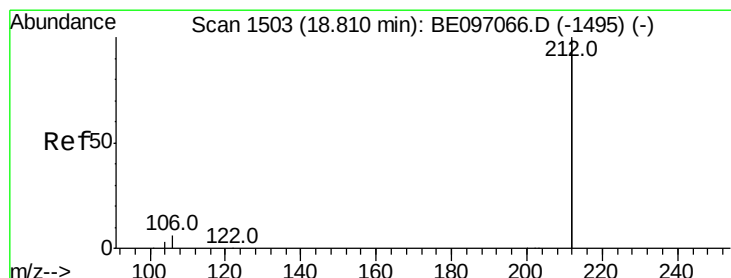
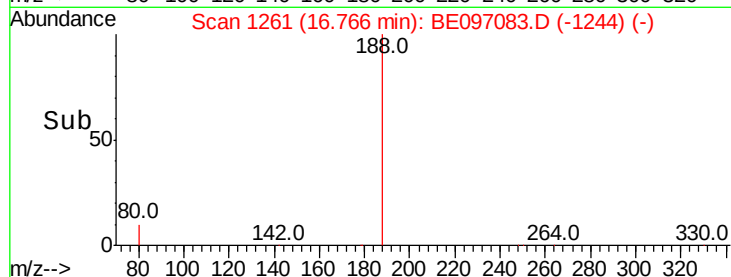
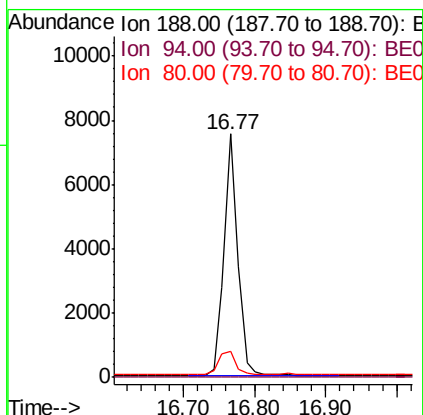
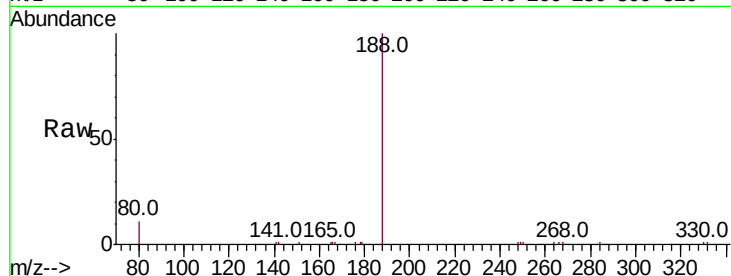




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097083.D
Acq: 24 Jul 2018 22:14

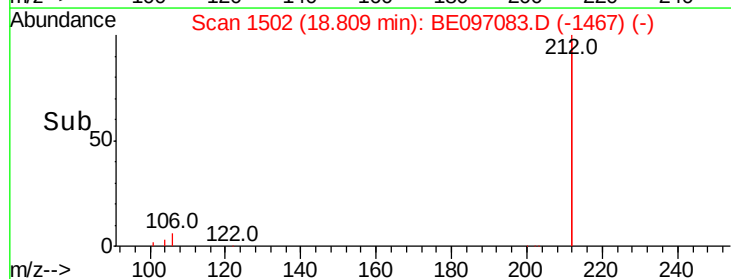
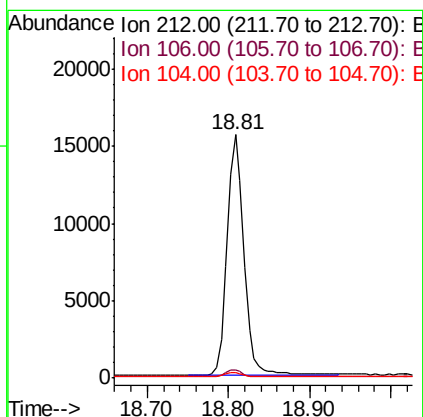
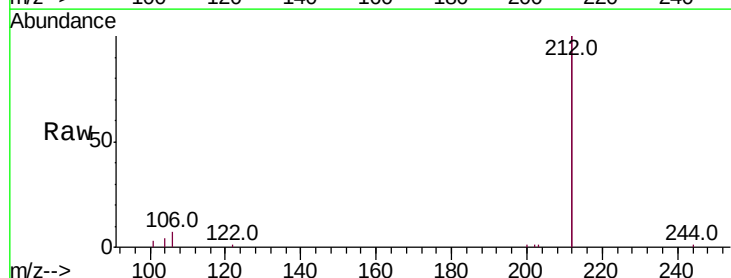
Instrument :
BNA_E
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RE109D1-071618RE

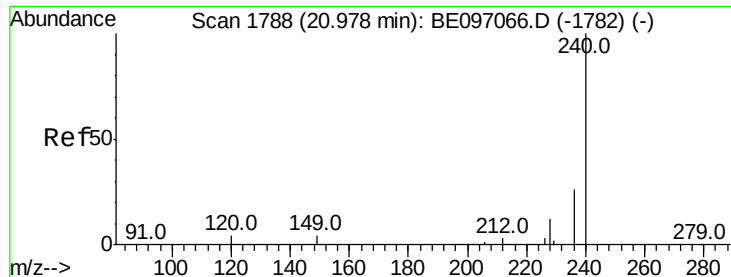
Tot Ion:188 Resp: 10217
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.8 3.6 5.4#



#25
Fluoranthene-d10
Concen: 0.217 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097083.D
Acq: 24 Jul 2018 22:14

Tgt Ion:212 Resp: 22227
Ion Ratio Lower Upper
212 100
106 3.1 2.8 4.2
104 2.0 1.6 2.4

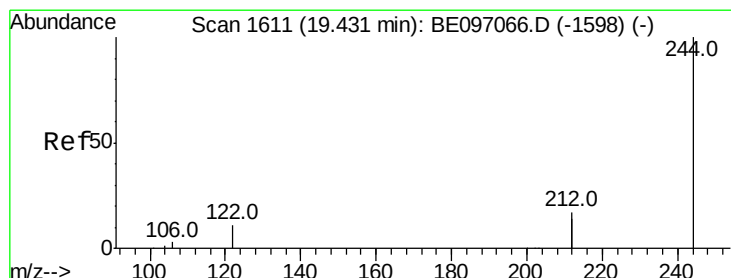
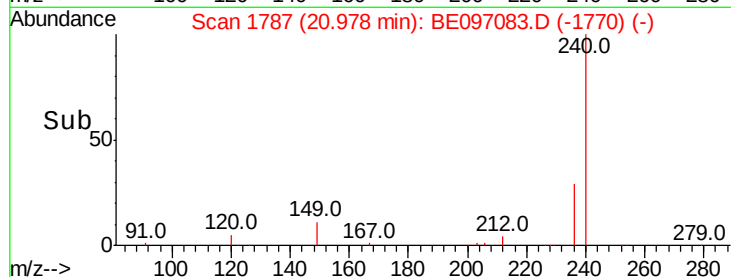
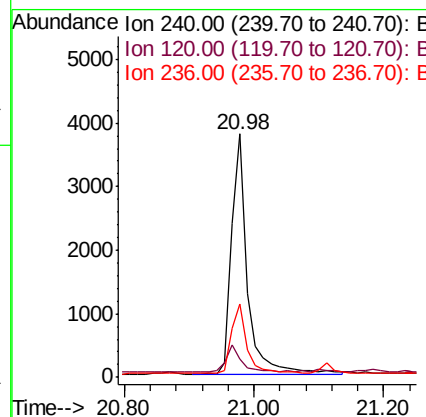
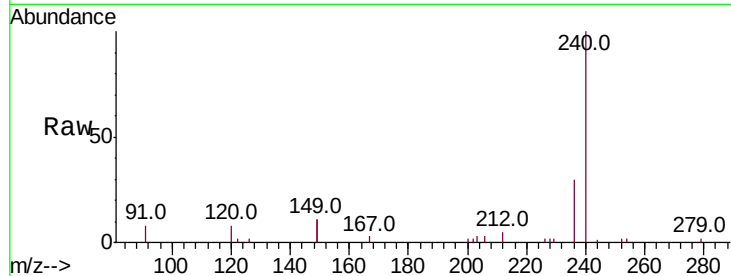




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097083.D
 Acq: 24 Jul 2018 22:14

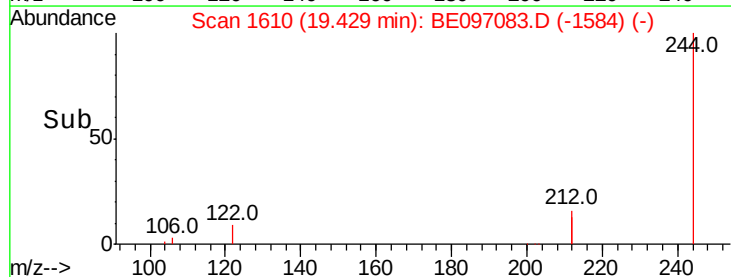
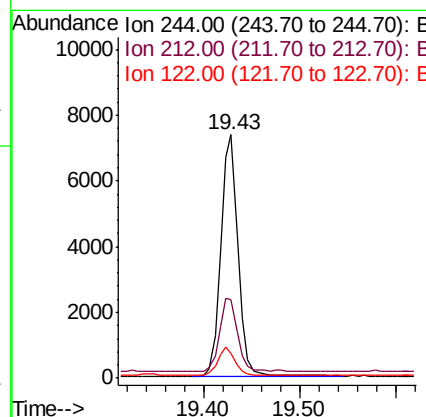
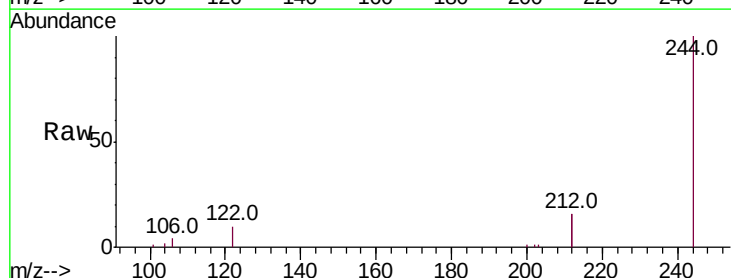
Instrument :
 BNA_E
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 RE109D1-071618RE

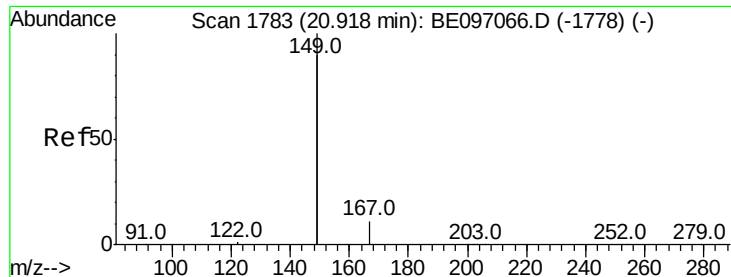
Tot Ion:240 Resp: 6495
 Ion Ratio Lower Upper
 240 100
 120 7.8 5.5 8.3
 236 30.1 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.739 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BE097083.D
 Acq: 24 Jul 2018 22:14

Tgt Ion:244 Resp: 9226
 Ion Ratio Lower Upper
 244 100
 212 32.5 25.4 38.0
 122 10.2 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.504 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097083.D

Acq: 24 Jul 2018 22:14

Instrument :

BNA_E

ClientSampleId :

RE109D1-071618RE

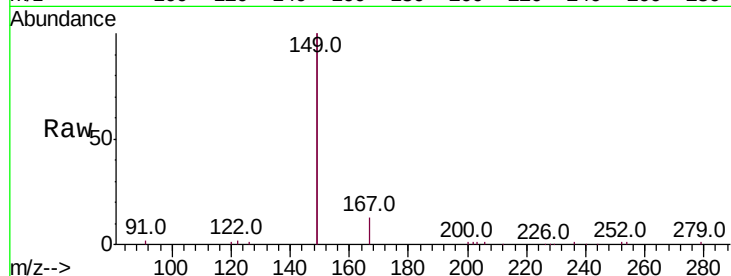
Tot Ion:149 Resp: 30389

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

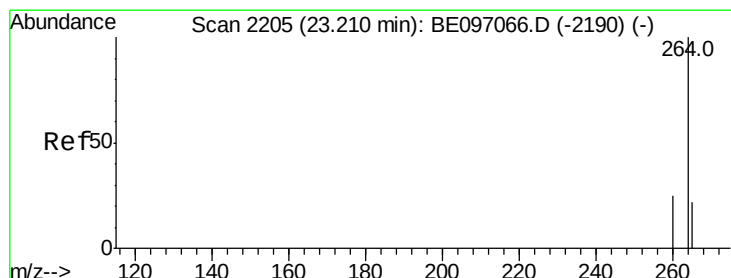
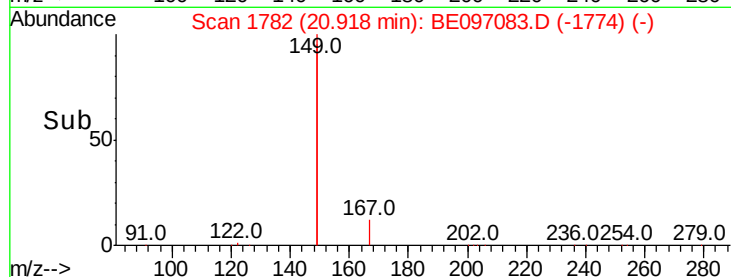
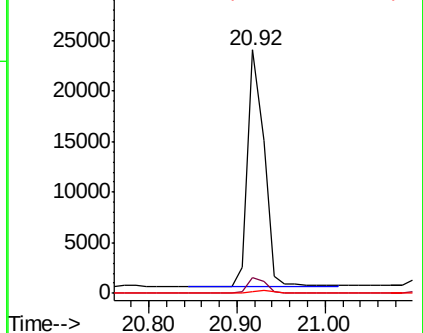
279 1.0 0.7 1.1



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# 2205

Delta R.T. 0.00 min

Lab File: BE097083.D

Acq: 24 Jul 2018 22:14

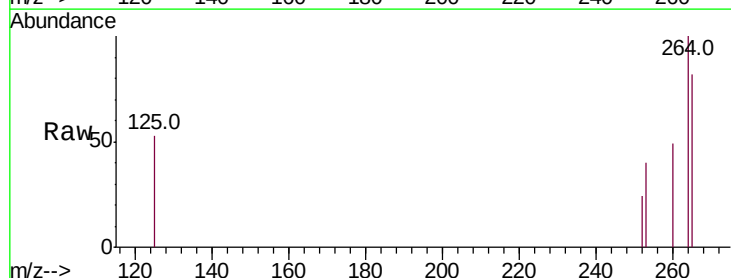
Tgt Ion:264 Resp: 722

Ion Ratio Lower Upper

264 100

260 49.4 20.5 30.7#

265 81.6 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

