

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097054.D
 Acq On : 24 Jul 2018 2:35
 Operator : SJ/JU
 Sample : J4073-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-071618

Quant Time: Jul 24 06:44:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 11:34:20 2018
 Response via : Initial Calibration

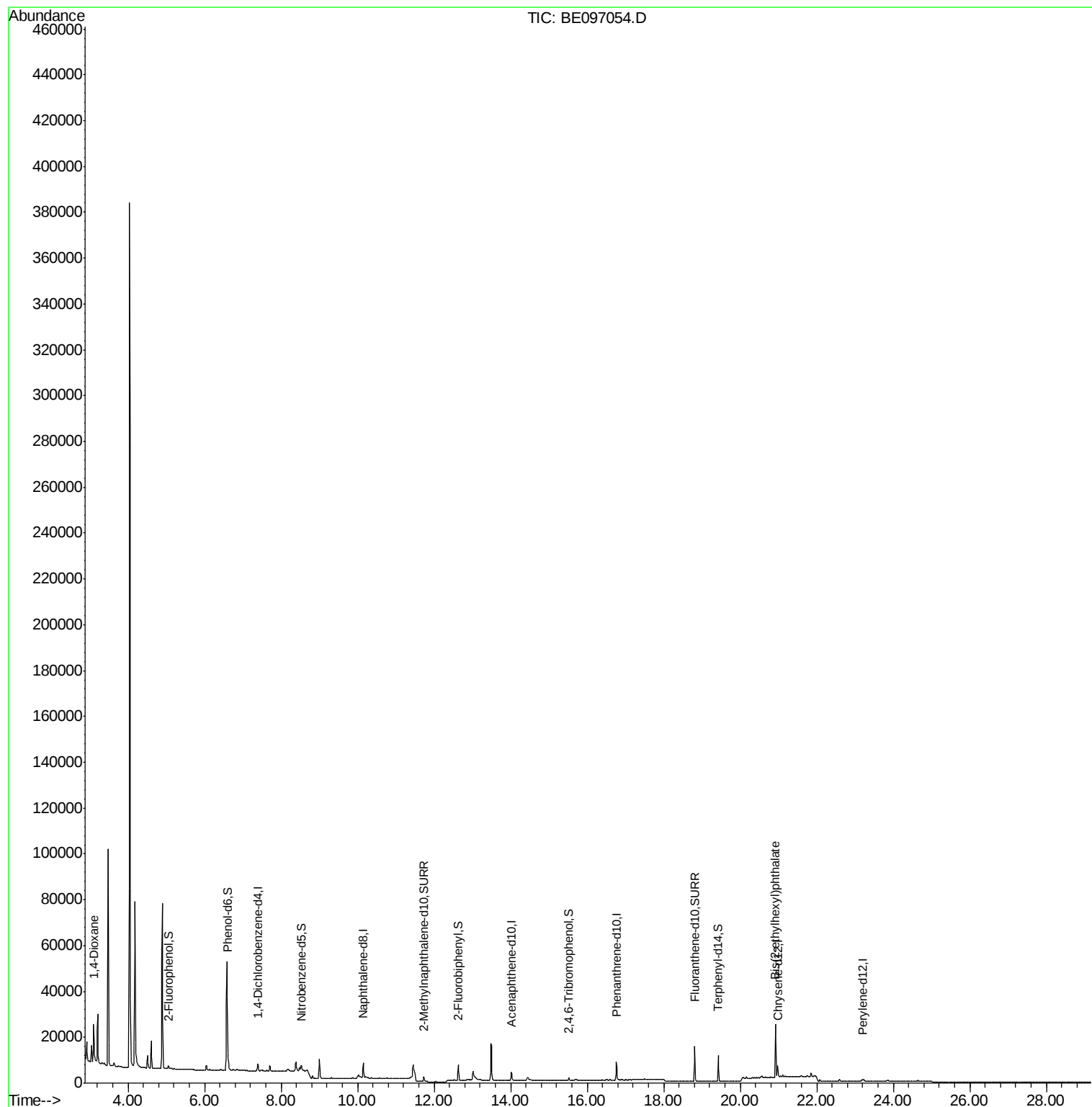
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1426	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6935	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1935	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	10792	0.40	ng	0.00
27) Chrysene-d12	20.98	240	6190	0.40	ng	0.00
34) Perylene-d12	23.21	264	831	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	633	0.19	ng	0.00
5) Phenol-d6	6.60	99	1003	0.19	ng	0.00
8) Nitrobenzene-d5	8.53	82	2126	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3324	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	587	1.12	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5815	0.81	ng	0.00
25) Fluoranthene-d10	18.81	212	20654	0.22	ng	0.00
29) Terphenyl-d14	19.42	244	9667	0.81	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	12392	6.071	ng	Qvalue # 86
32) Bis(2-ethylhexyl)phthalate	20.92	149	30349	2.063	ng	99

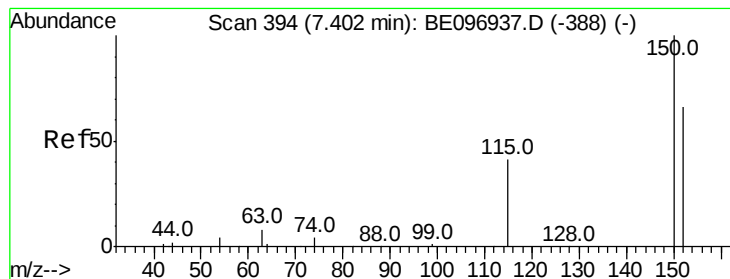
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097054.D

Acq: 24 Jul 2018 2:35

Instrument :

BNA_E

ClientSampleId :

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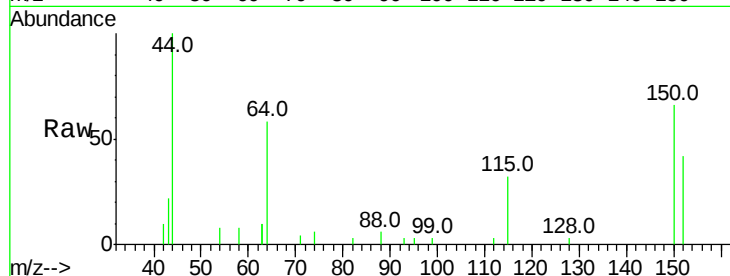
Tot Ion:152 Resp: 1426

Ion Ratio Lower Upper

152 100

150 158.2 117.2 175.8

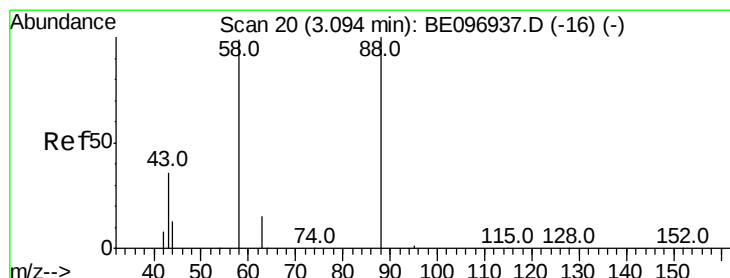
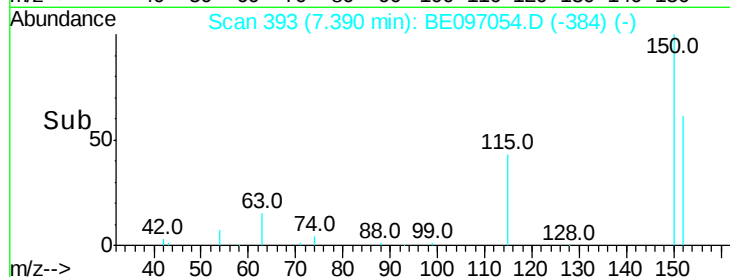
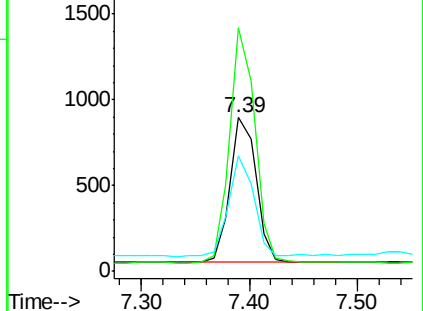
115 75.5 57.0 85.6



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: 6.071 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097054.D

Acq: 24 Jul 2018 2:35

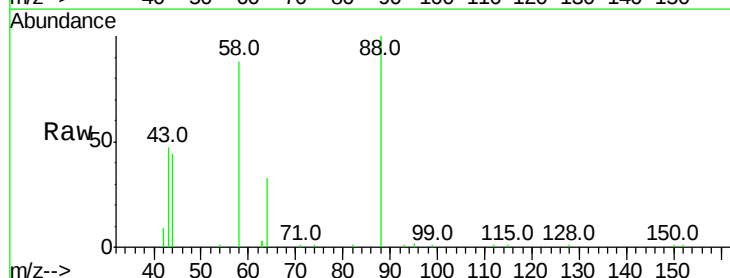
Tgt Ion: 88 Resp: 12392

Ion Ratio Lower Upper

88 100

58 83.3 63.2 94.8

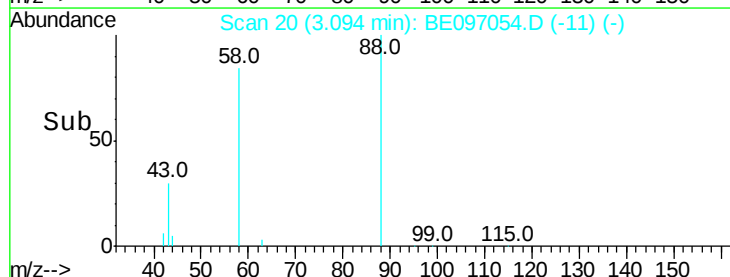
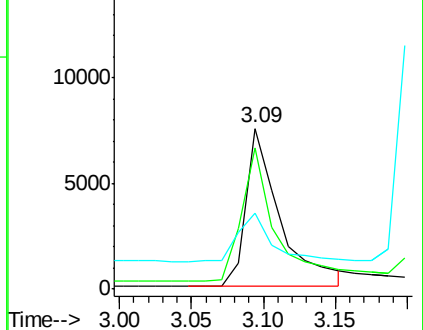
43 31.5 41.2 61.8#



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: 0.186 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097054.D

Acq: 24 Jul 2018 2:35

Instrument :

BNA_E

ClientSampleId :

RE109D1-071618

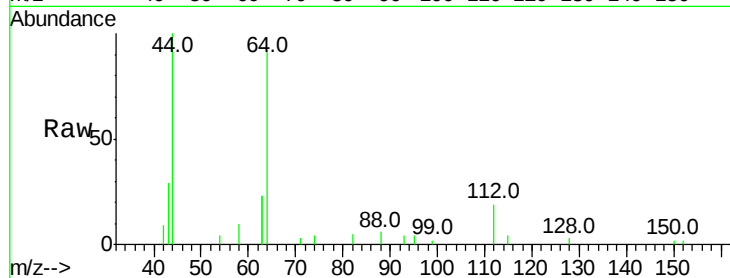
Tot Ion:112 Resp: 633

Ion Ratio Lower Upper

112 100

64 143.6 60.1 90.1#

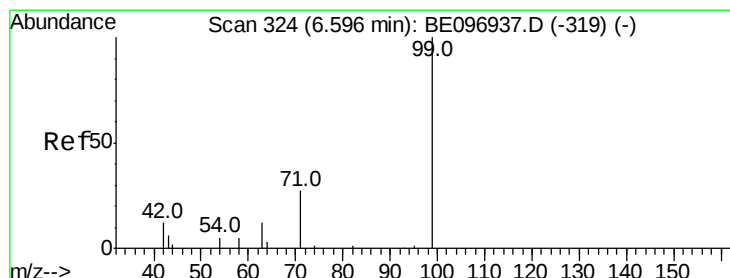
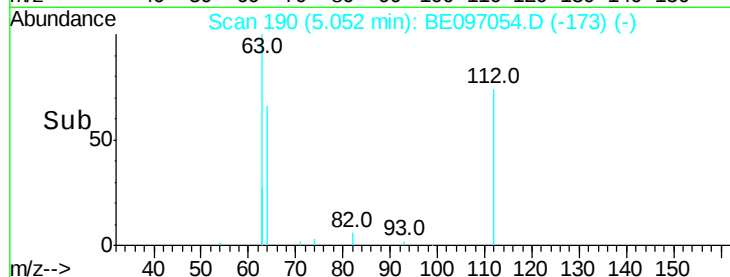
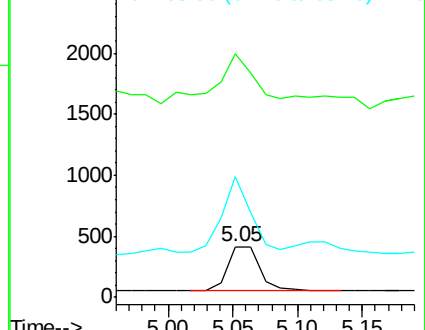
63 159.9 116.8 175.2



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



#5

Phenol-d6

Concen: 0.193 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097054.D

Acq: 24 Jul 2018 2:35

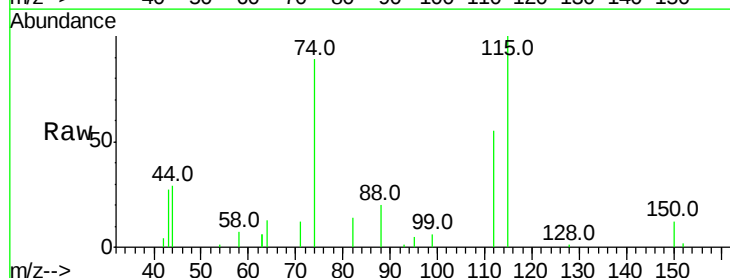
Tgt Ion: 99 Resp: 1003

Ion Ratio Lower Upper

99 100

42 96.8 20.2 30.2#

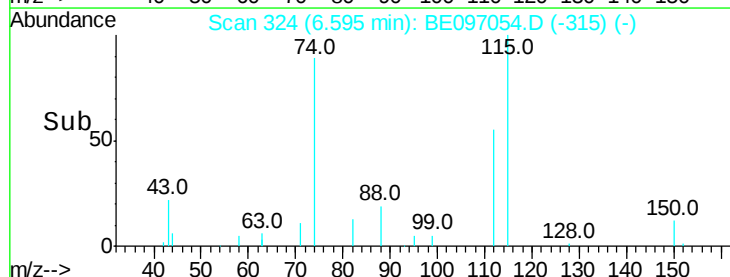
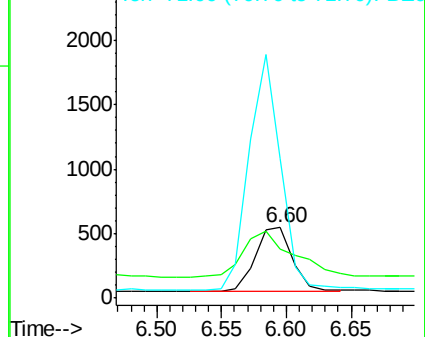
71 312.2 28.4 42.6#

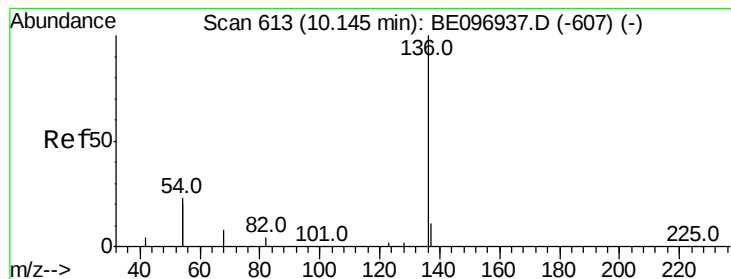


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097054.D

Acq: 24 Jul 2018 2:35

Instrument :

BNA_E

ClientSampleId :

RE109D1-071618

Tot Ion:136 Resp: 6935

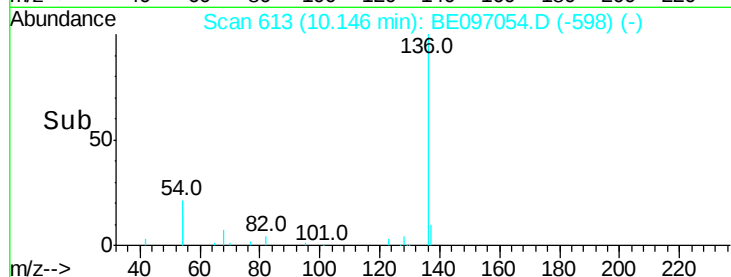
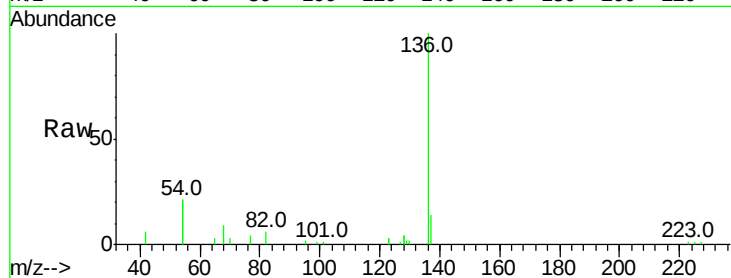
Ion Ratio Lower Upper

136 100

137 14.2 9.5 14.3

54 41.8 29.1 43.7

68 8.6 6.2 9.2

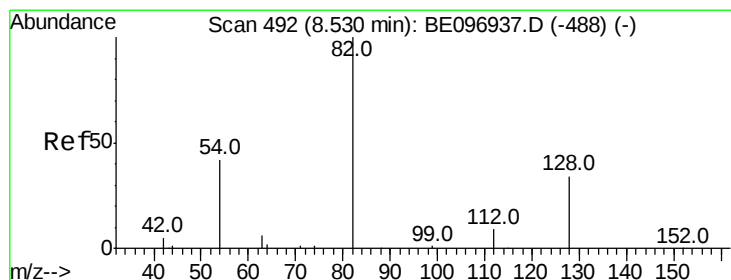
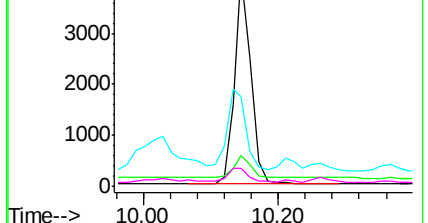


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.420 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097054.D

Acq: 24 Jul 2018 2:35

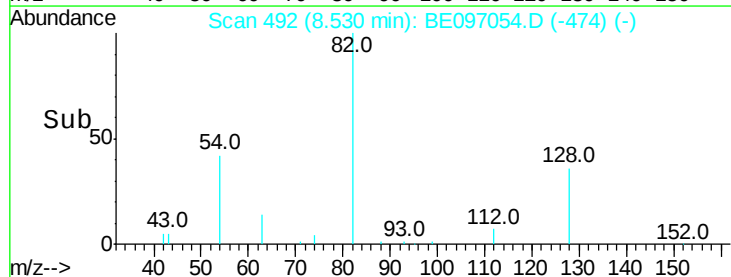
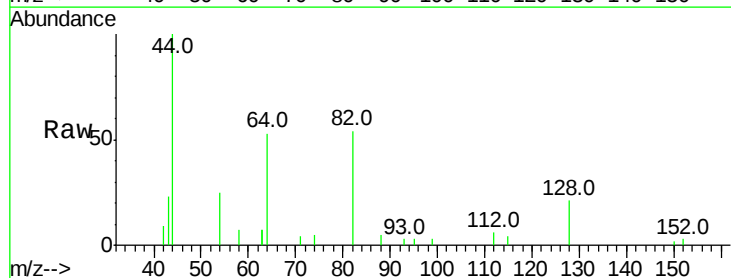
Tgt Ion: 82 Resp: 2126

Ion Ratio Lower Upper

82 100

128 39.5 24.0 36.0#

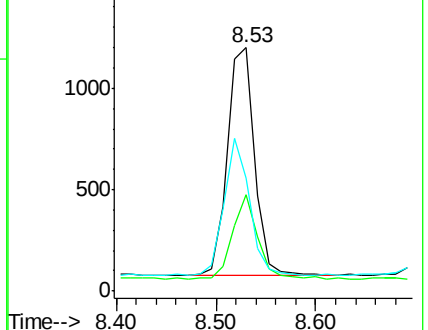
54 46.3 40.0 60.0

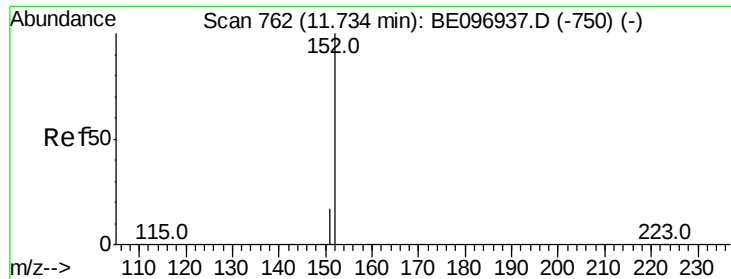


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

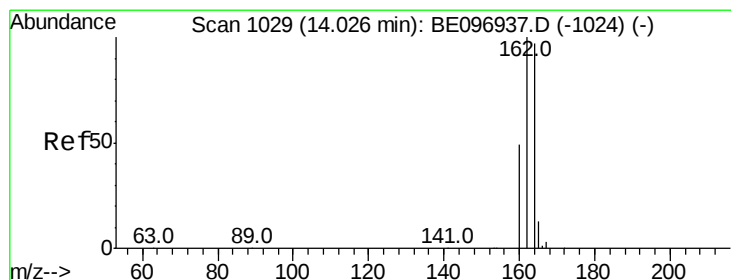
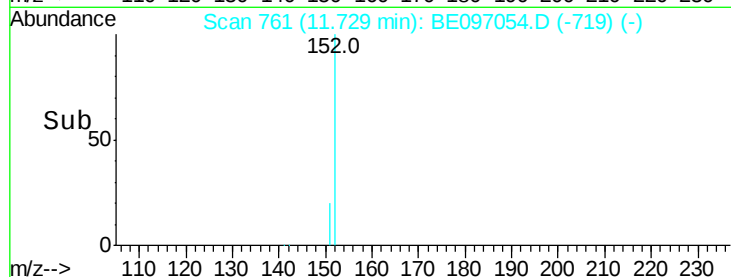
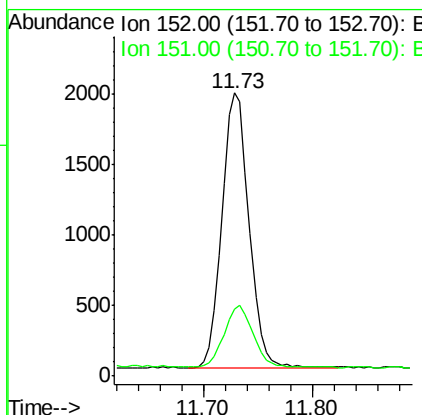
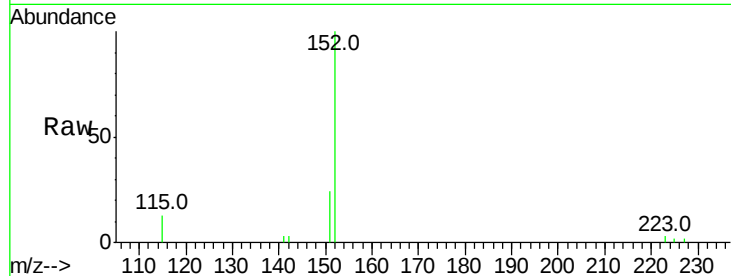




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

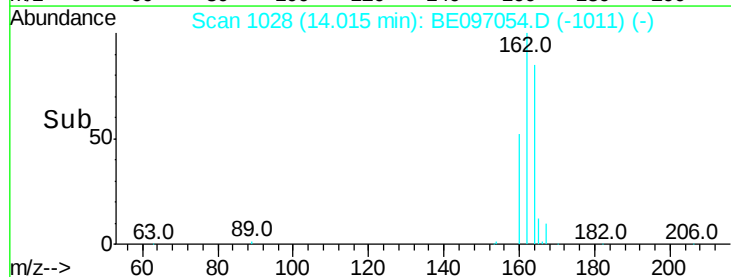
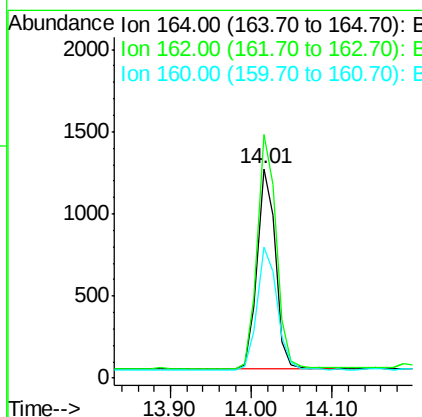
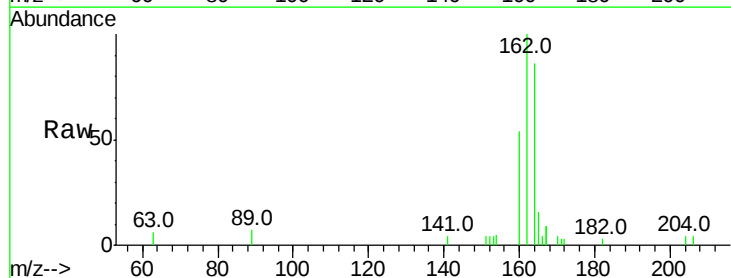
Instrument :
BNA_E
ClientSampleId :
RE109D1-071618

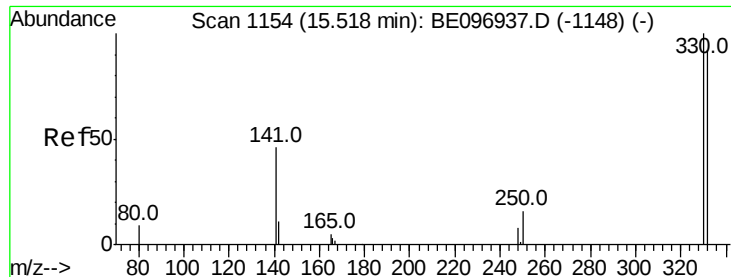
Tot Ion:152 Resp: 3324
Ion Ratio Lower Upper
152 100
151 23.6 15.4 23.0#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097054.D
Acq: 24 Jul 2018 2:35

Tgt Ion:164 Resp: 1935
Ion Ratio Lower Upper
164 100
162 116.1 83.1 124.7
160 62.4 37.1 55.7#

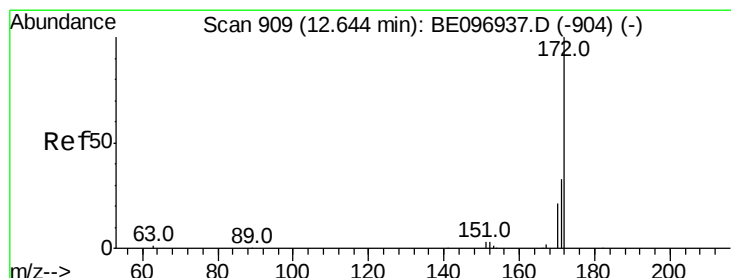
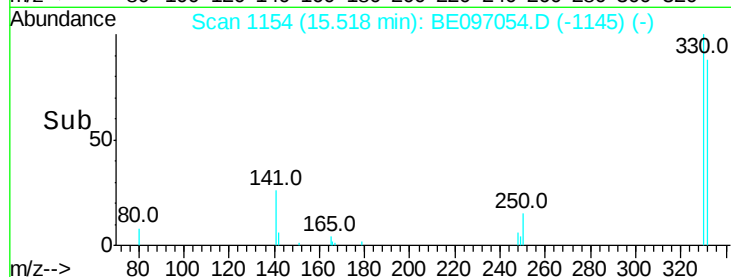
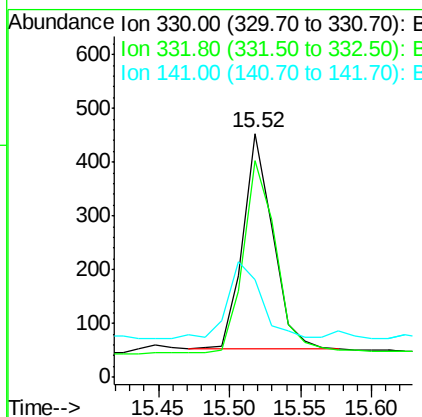
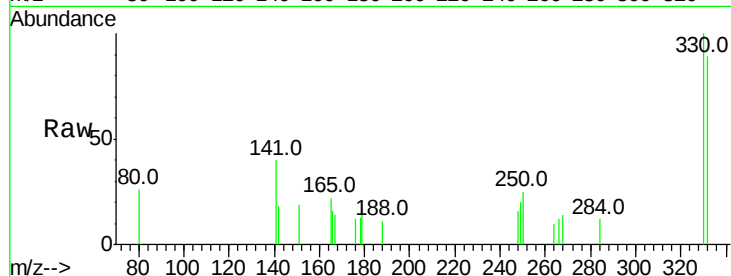




#14
 2,4,6-Tribromophenol
 Concen: 1.120 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097054.D
 Acq: 24 Jul 2018 2:35

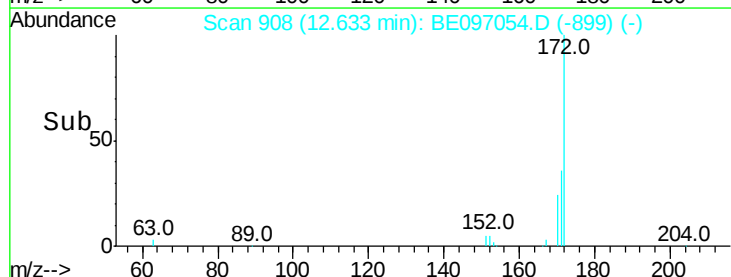
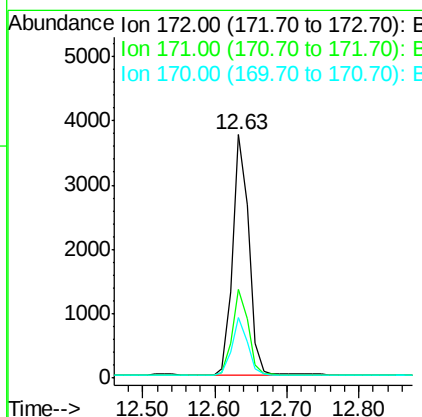
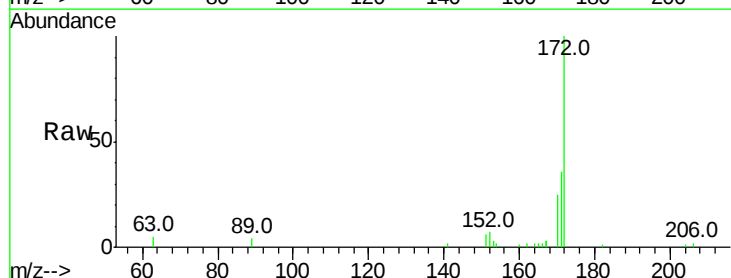
Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-071618

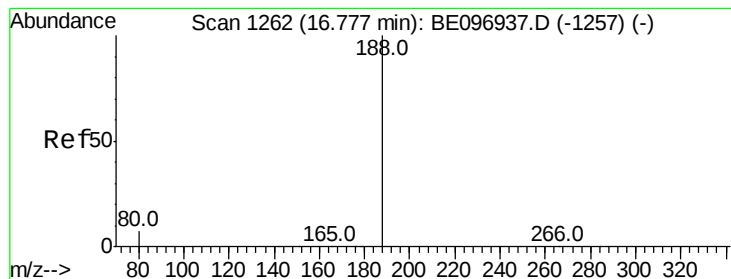
Tot Ion:330 Resp: 587
 Ion Ratio Lower Upper
 330 100
 332 98.6 152.7 229.1#
 141 39.9 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.808 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE097054.D
 Acq: 24 Jul 2018 2:35

Tgt Ion:172 Resp: 5815
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.9 44.9
 170 25.0 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097054.D

Acq: 24 Jul 2018 2:35

Instrument :

BNA_E

ClientSampleId :

RE109D1-071618

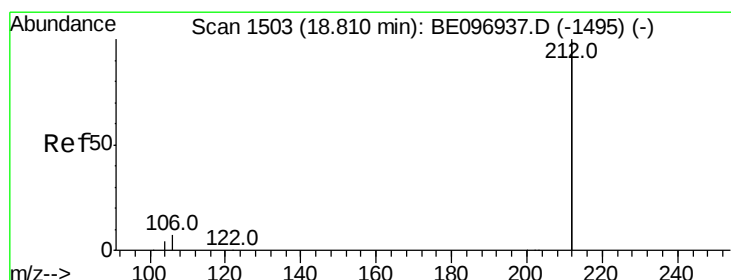
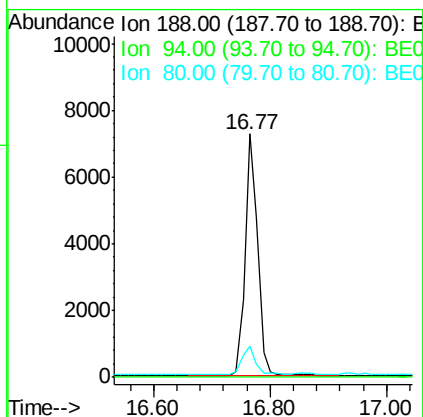
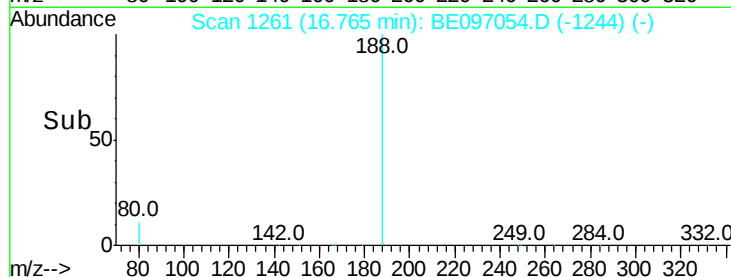
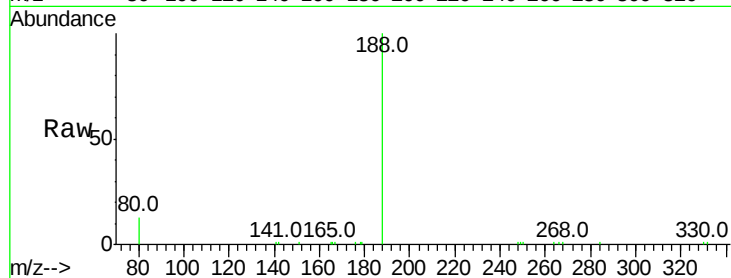
Tot Ion:188 Resp: 10792

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.7 3.6 5.4#



#25

Fluoranthene-d10

Concen: 0.220 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097054.D

Acq: 24 Jul 2018 2:35

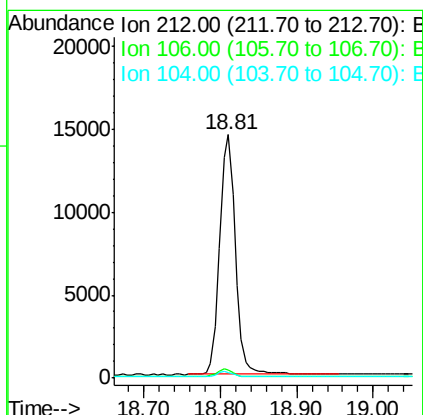
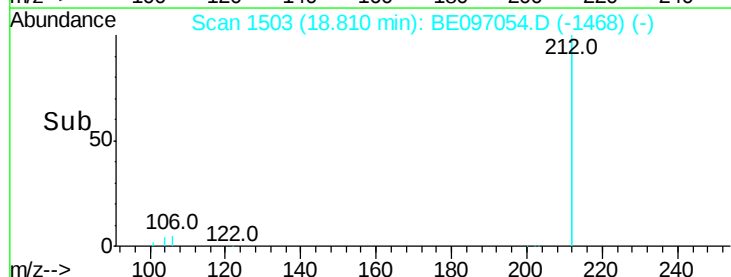
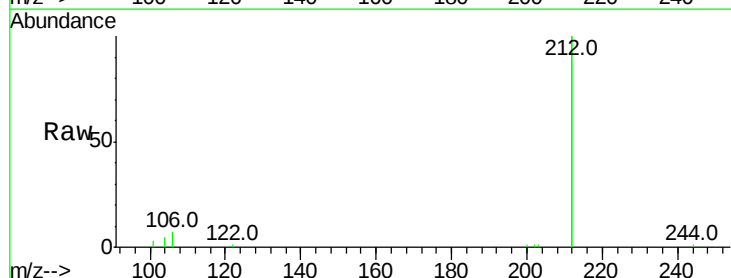
Tgt Ion:212 Resp: 20654

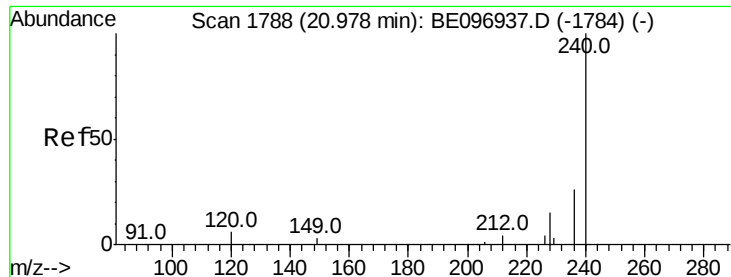
Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

104 2.1 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: BE097054.D

Acq: 24 Jul 2018 2:35

Instrument :

BNA_E

ClientSampleId :

RE109D1-071618

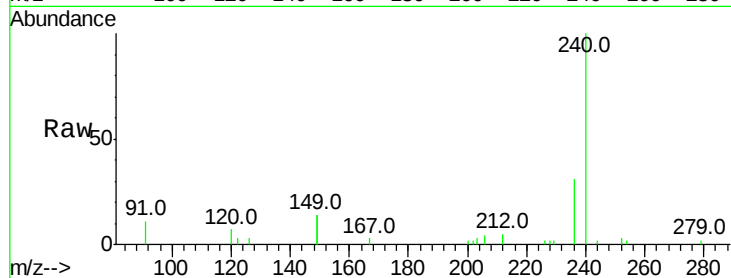
Tot Ion:240 Resp: 6190

Ion Ratio Lower Upper

240 100

120 7.3 5.5 8.3

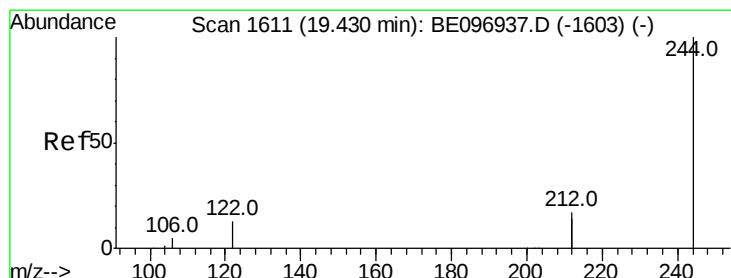
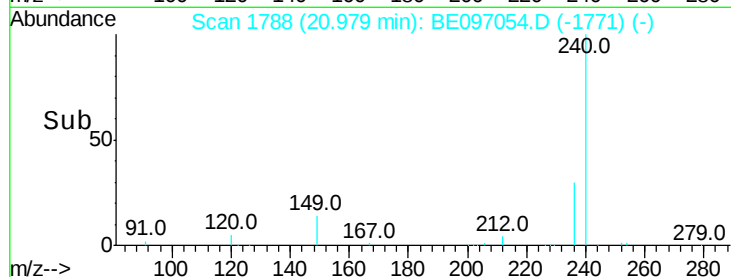
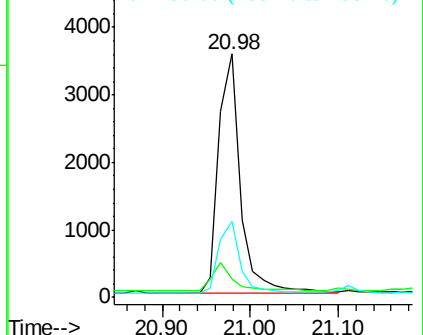
236 31.4 20.7 31.1#



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: 0.809 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097054.D

Acq: 24 Jul 2018 2:35

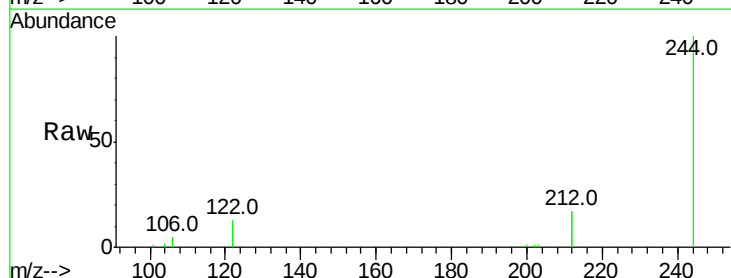
Tgt Ion:244 Resp: 9667

Ion Ratio Lower Upper

244 100

212 34.3 25.4 38.0

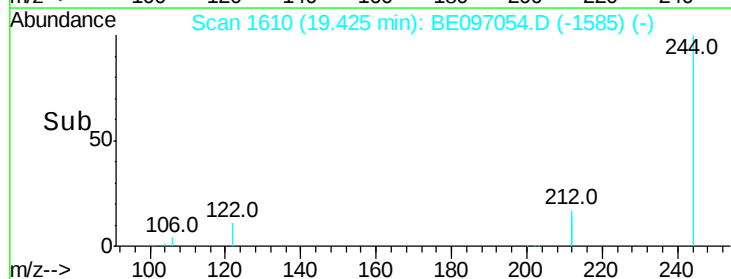
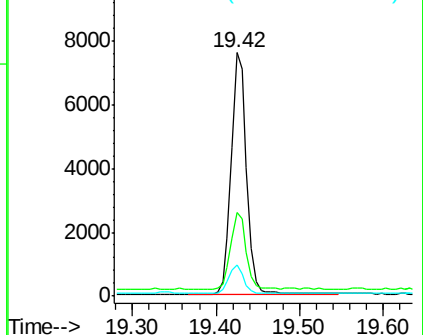
122 12.5 8.1 12.1#

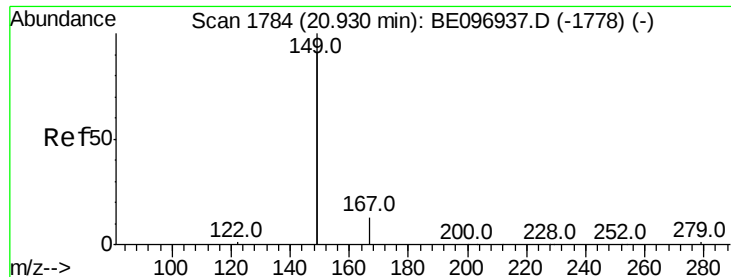


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 2.063 ng

RT: 20.92 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BE097054.D

Acq: 24 Jul 2018 2:35

Instrument :

BNA_E

ClientSampleId :

RE109D1-071618

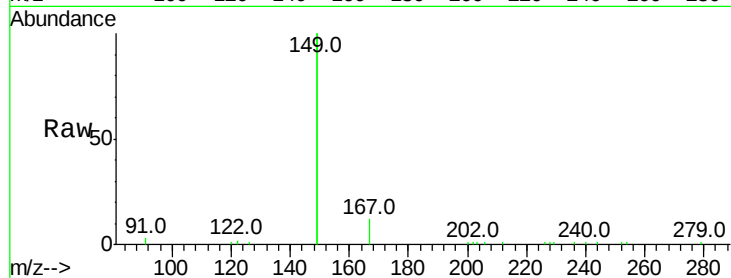
Tot Ion:149 Resp: 30349

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

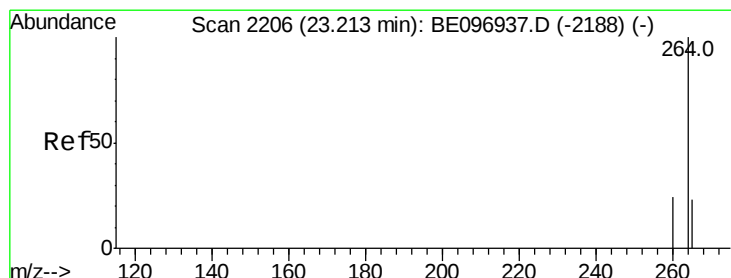
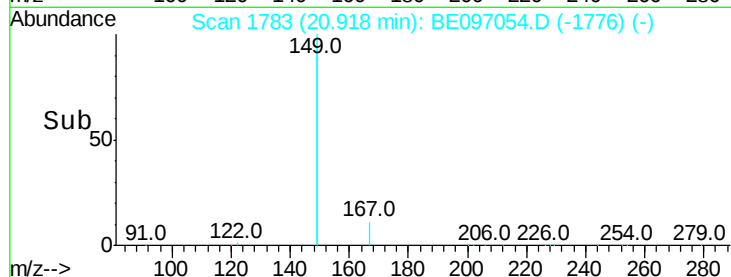
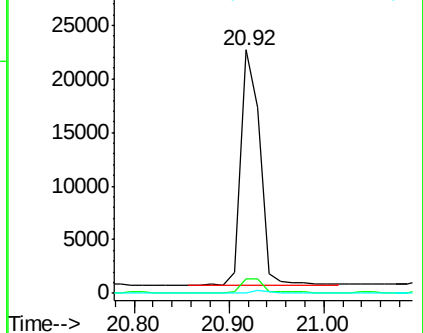
279 0.9 0.7 1.1



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: BE097054.D

Acq: 24 Jul 2018 2:35

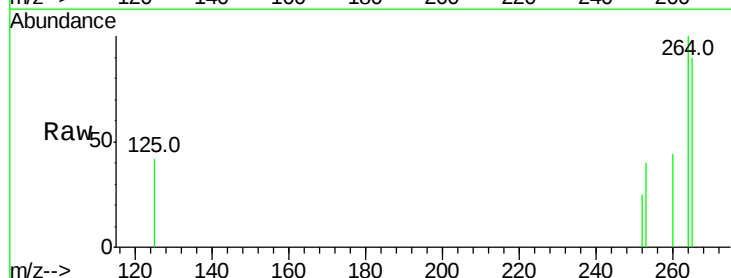
Tgt Ion:264 Resp: 831

Ion Ratio Lower Upper

264 100

260 43.7 20.5 30.7#

265 89.9 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

