

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097919.D
 Acq On : 16 Oct 2018 20:43
 Operator : SJ/JU
 Sample : J5393-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-123D2-20181008

Quant Time: Oct 17 07:34:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

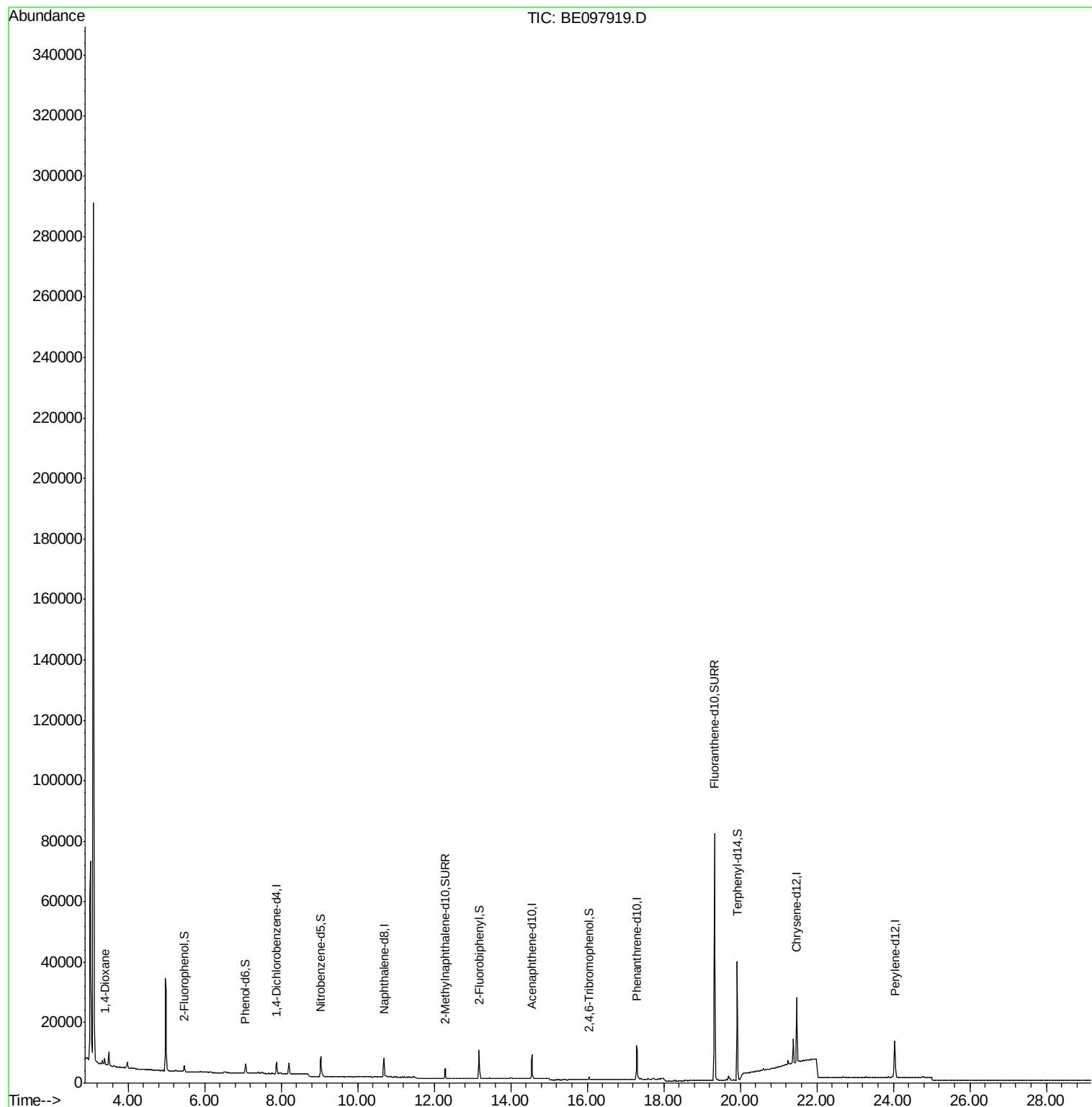
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1928	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8137	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5464	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	16668	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	22793	0.40	ng	-0.01
34) Perylene-d12	24.04	264	17806	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1030	0.17	ng	0.00
5) Phenol-d6	7.06	99	948	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	3138	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5482	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	641	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	9432	0.42	ng	0.00
25) Fluoranthene-d10	19.33	212	106864	0.47	ng	0.00
29) Terphenyl-d14	19.92	244	33359	0.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	1364	0.406	ng	Qvalue # 87

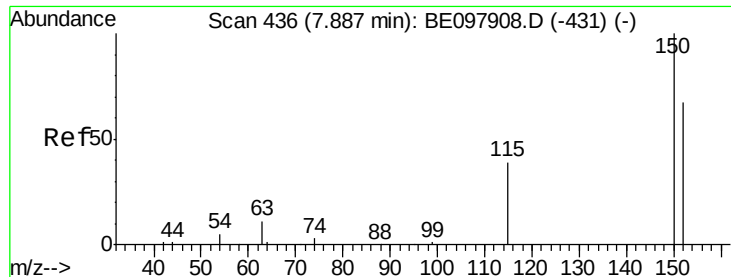
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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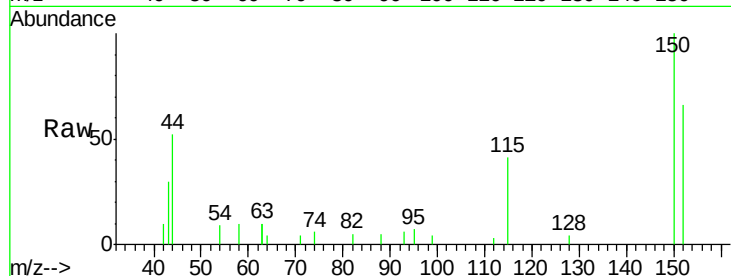


#1

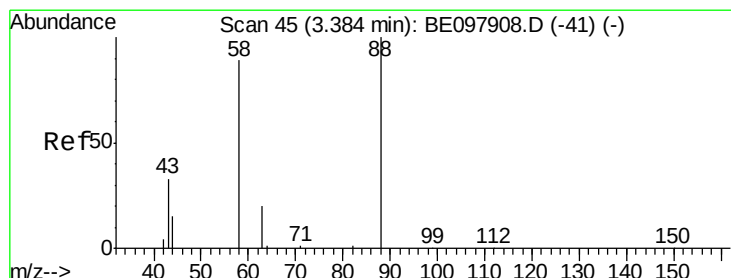
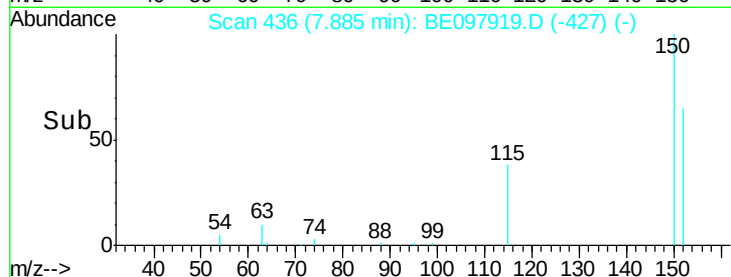
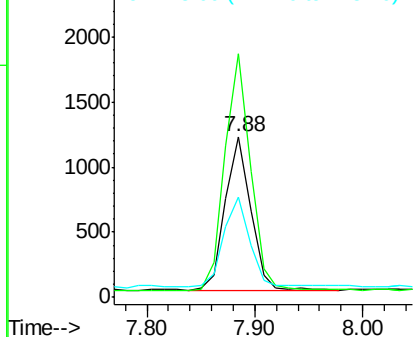
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Instrument :
BNA_E
ClientSampleId :
RE-123D2-20181008

Tgt Ion:152 Resp: 1928
Ion Ratio Lower Upper
152 100
150 151.5 118.2 177.4
115 62.1 50.9 76.3



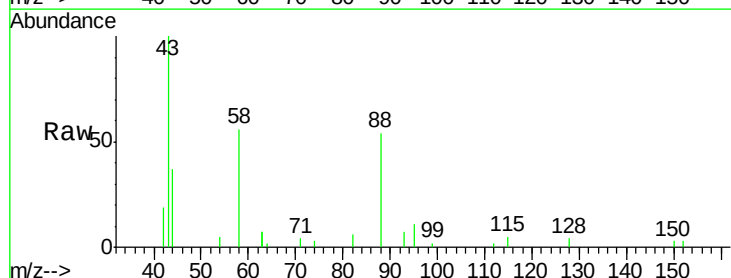
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



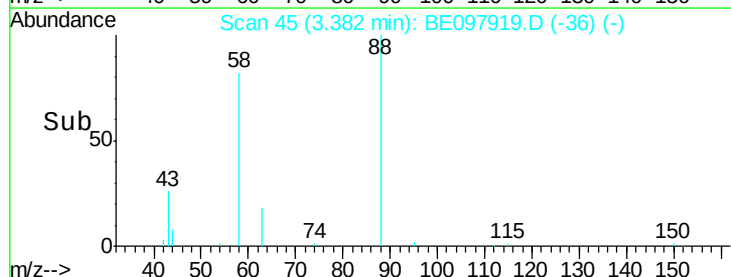
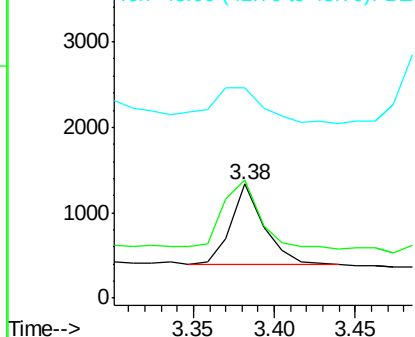
#2

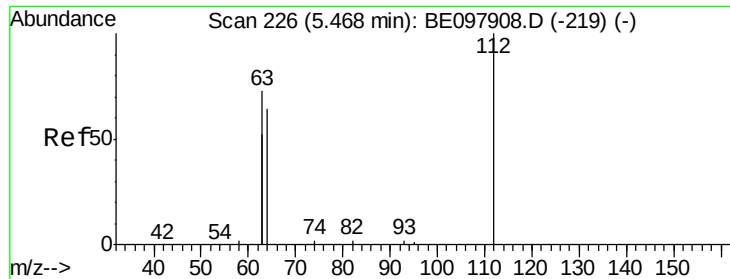
1,4-Dioxane
Concen: 0.406 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097919.D
Acq: 16 Oct 2018 20:43

Tgt Ion: 88 Resp: 1364
Ion Ratio Lower Upper
88 100
58 91.9 73.2 109.8
43 71.4 36.9 55.3#



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: 0.169 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097919.D

Acq: 16 Oct 2018 20:43

Instrument :

BNA_E

ClientSampleId :

RE-123D2-20181008

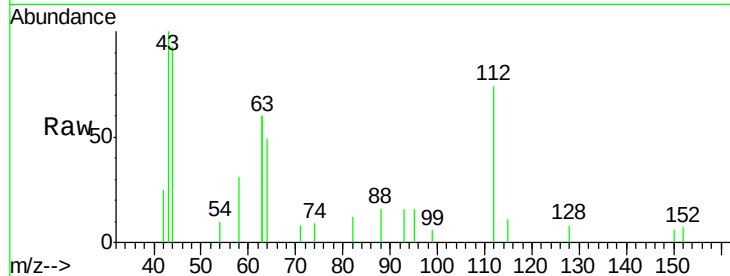
Tgt Ion: 112 Resp: 1030

Ion Ratio Lower Upper

112 100

64 70.9 58.9 88.3

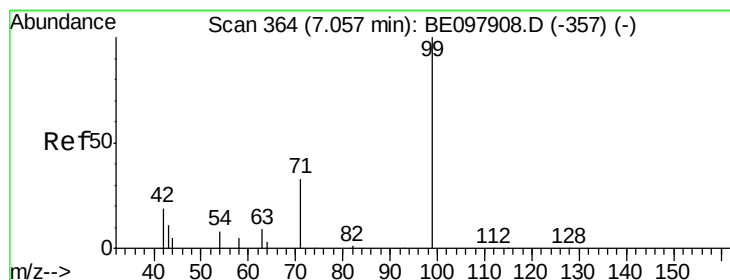
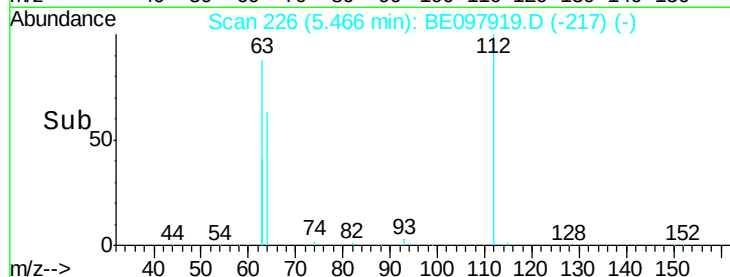
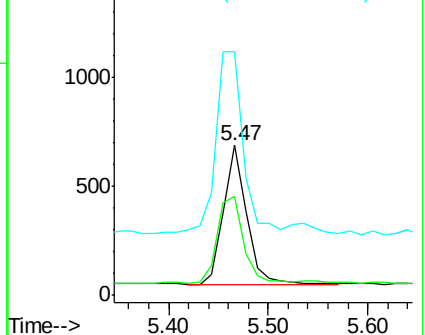
63 152.9 120.3 180.5



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: 0.106 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097919.D

Acq: 16 Oct 2018 20:43

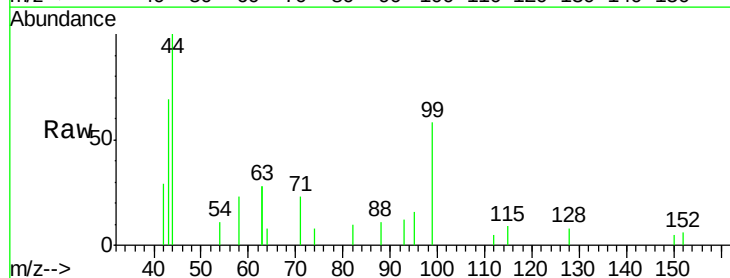
Tgt Ion: 99 Resp: 948

Ion Ratio Lower Upper

99 100

42 43.2 19.9 29.9#

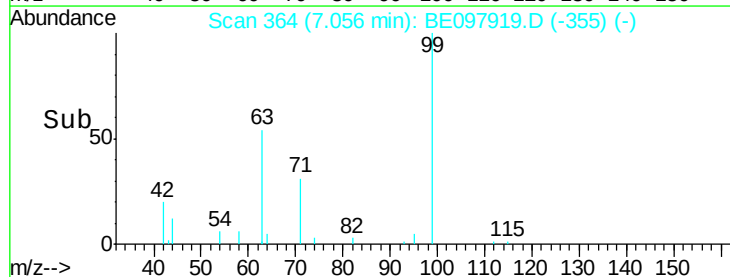
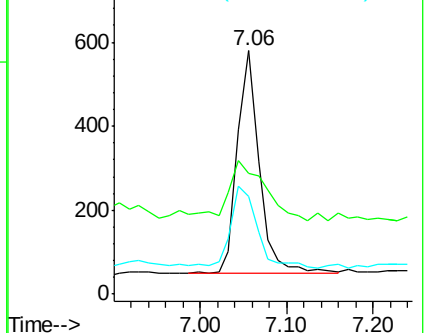
71 44.1 27.8 41.8#

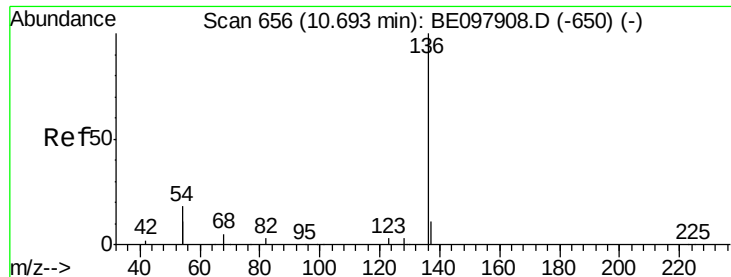


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097919.D

Acq: 16 Oct 2018 20:43

Instrument :

BNA_E

ClientSampleId :

RE-123D2-20181008

Tgt Ion:136 Resp: 8137

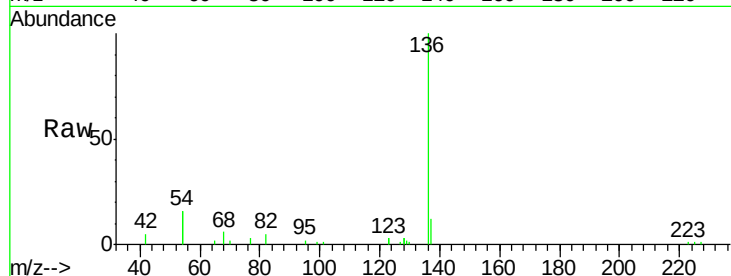
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 31.7 27.7 41.5

68 6.0 5.3 7.9

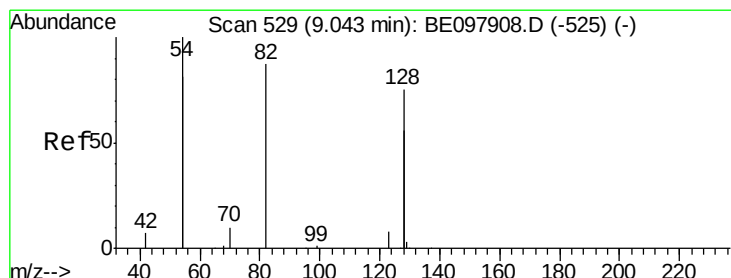
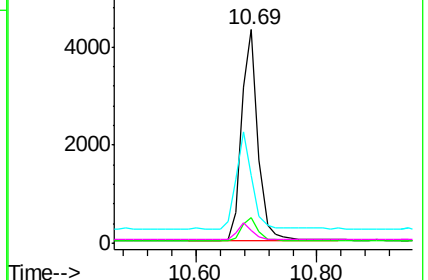
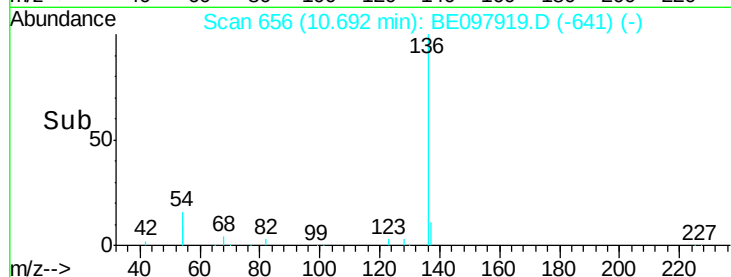


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.407 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097919.D

Acq: 16 Oct 2018 20:43

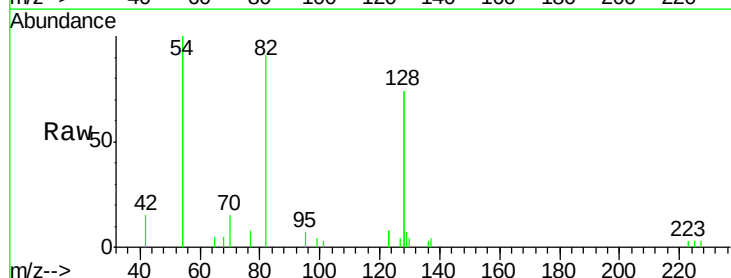
Tgt Ion: 82 Resp: 3138

Ion Ratio Lower Upper

82 100

128 164.1 129.9 194.9

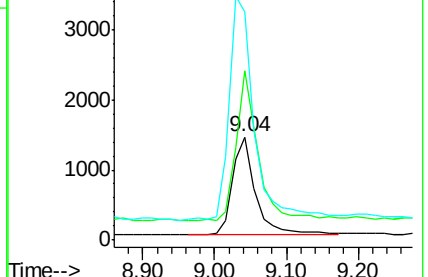
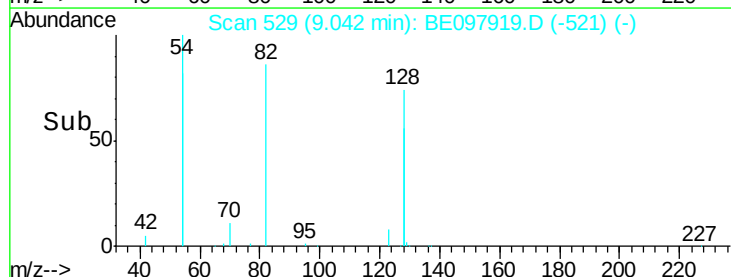
54 220.8 174.0 261.0

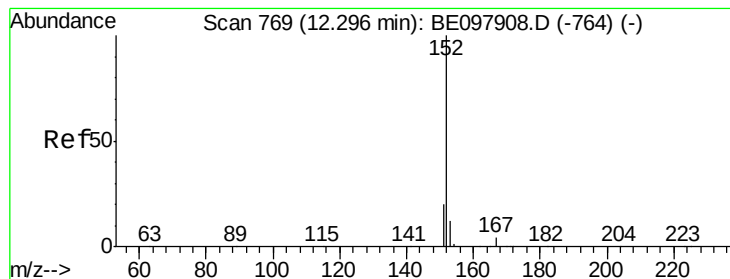


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097919.D

Acq: 16 Oct 2018 20:43

Instrument :

BNA_E

ClientSampleId :

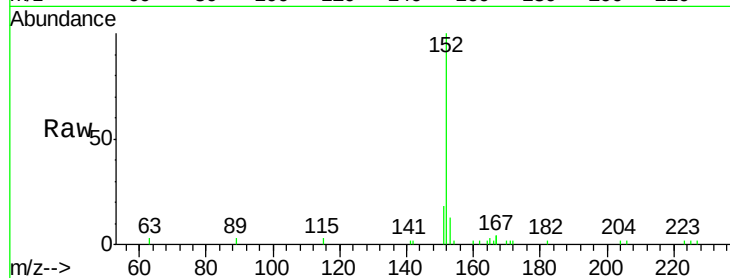
RE-123D2-20181008

Tgt Ion:152 Resp: 5482

Ion Ratio Lower Upper

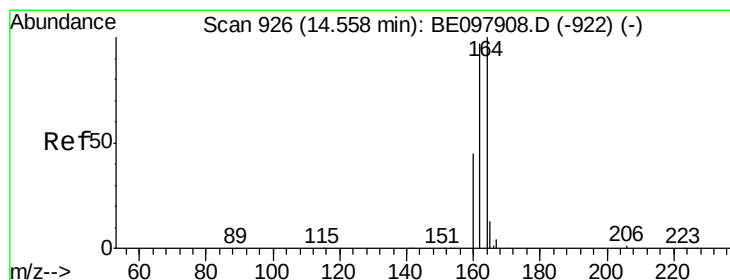
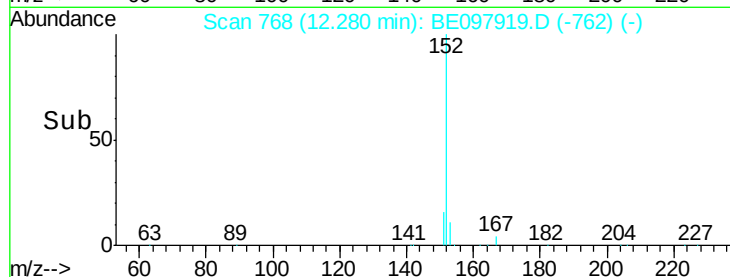
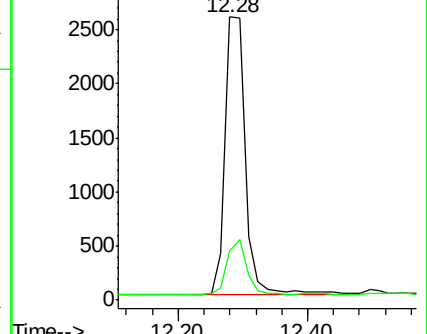
152 100

151 19.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097919.D

Acq: 16 Oct 2018 20:43

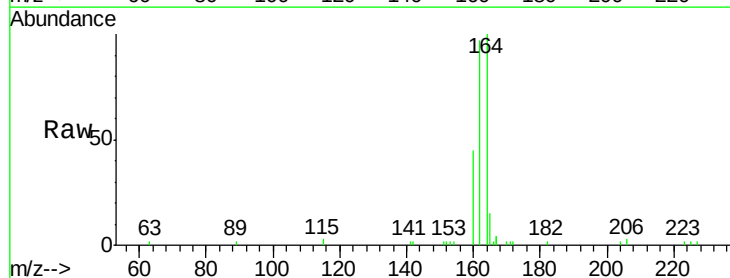
Tgt Ion:164 Resp: 5464

Ion Ratio Lower Upper

164 100

162 96.7 77.4 116.2

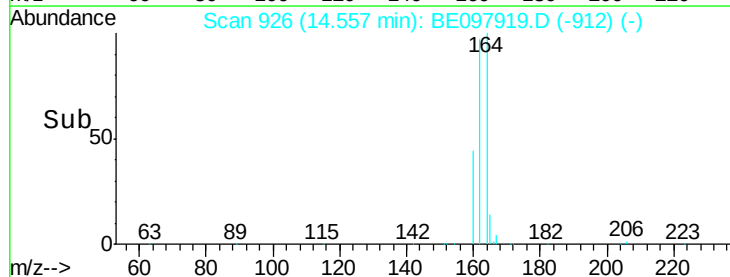
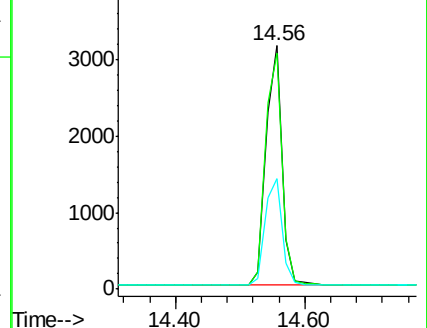
160 45.4 36.5 54.7

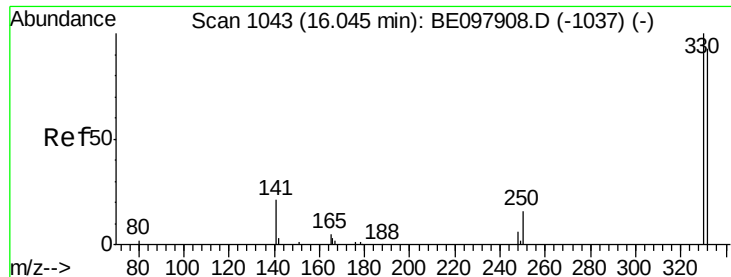


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

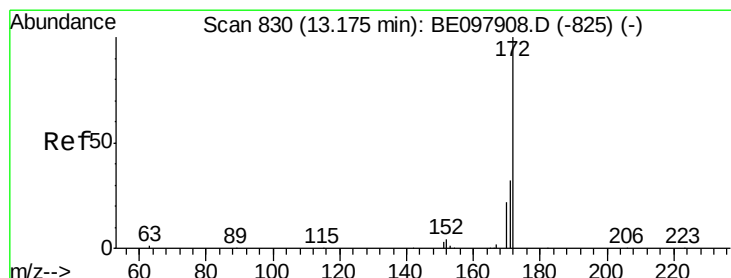
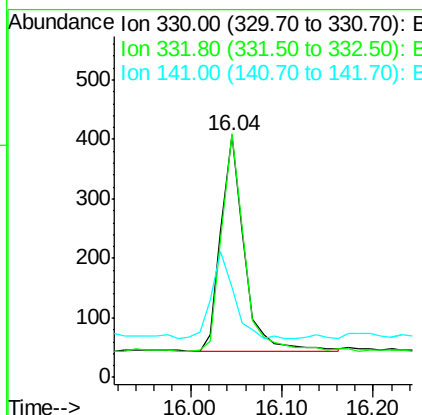
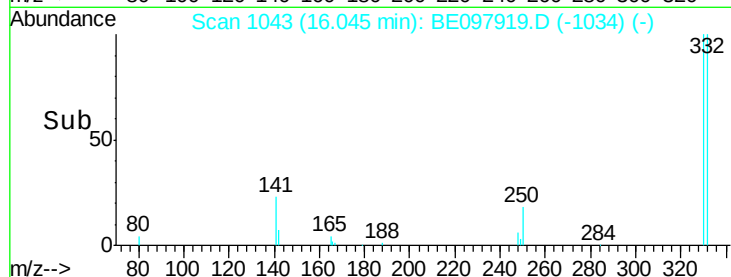
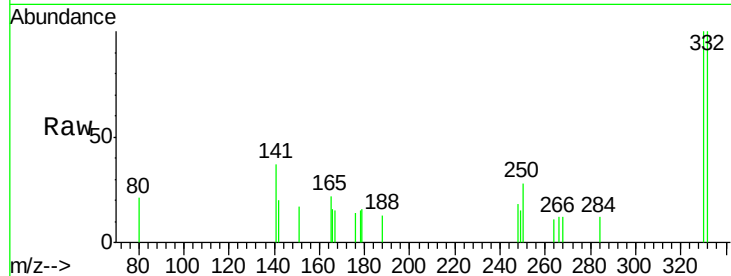




#14
 2,4,6-Tribromophenol
 Concen: 0.218 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097919.D
 Acq: 16 Oct 2018 20:43

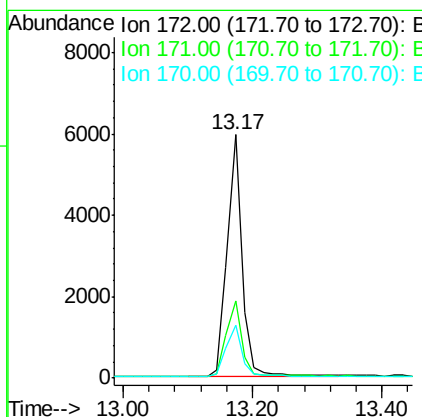
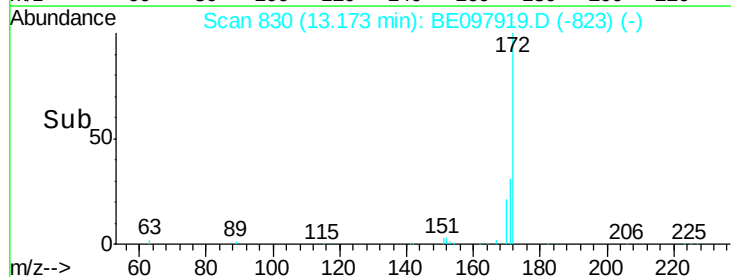
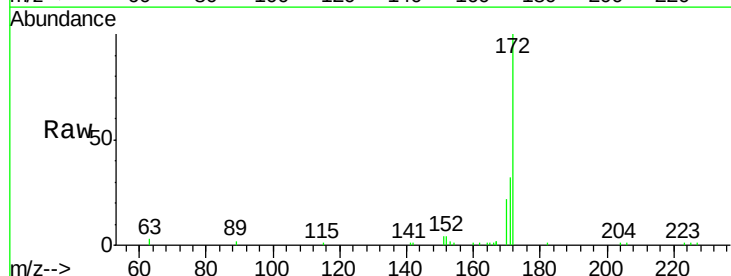
Instrument :
 BNA_E
 ClientSampleId :
 RE-123D2-20181008

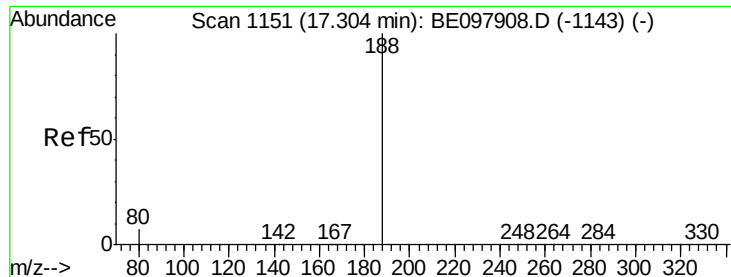
Tgt Ion: 330 Resp: 641
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.5 114.7
 141 39.2 31.8 47.6



#15
 2-Fluorobiphenyl
 Concen: 0.422 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE097919.D
 Acq: 16 Oct 2018 20:43

Tgt Ion: 172 Resp: 9432
 Ion Ratio Lower Upper
 172 100
 171 31.6 26.0 39.0
 170 21.5 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097919.D

Acq: 16 Oct 2018 20:43

Instrument :

BNA_E

ClientSampleId :

RE-123D2-20181008

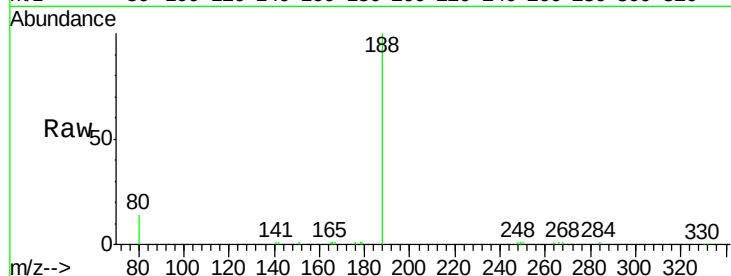
Tgt Ion:188 Resp: 16668

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

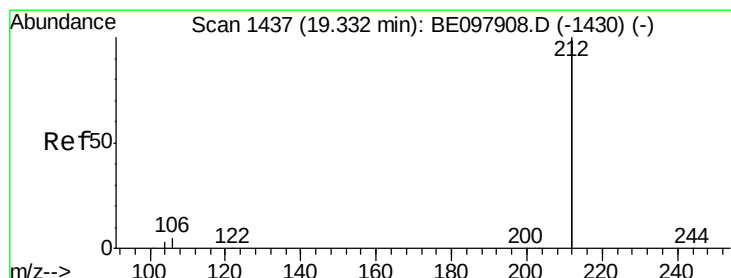
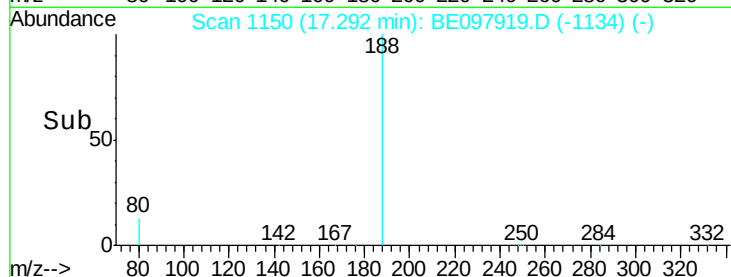
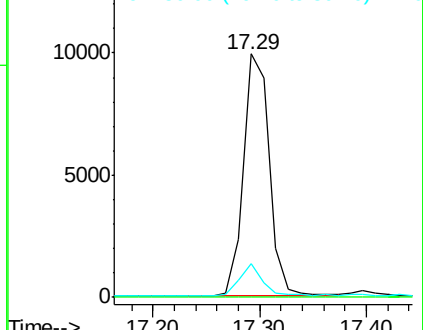
80 13.6 6.3 9.5#



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: 0.473 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097919.D

Acq: 16 Oct 2018 20:43

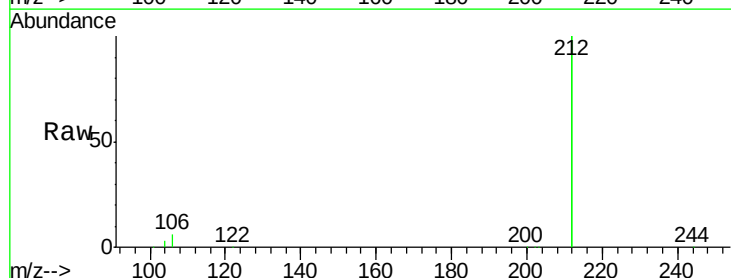
Tgt Ion:212 Resp: 106864

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

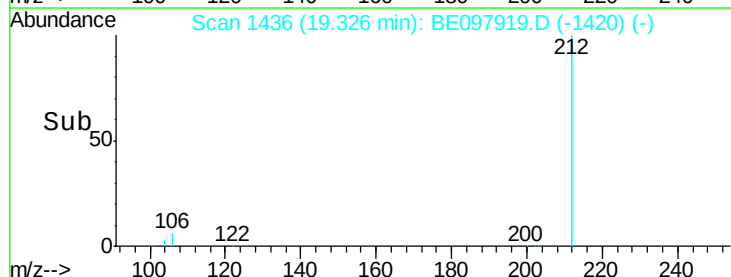
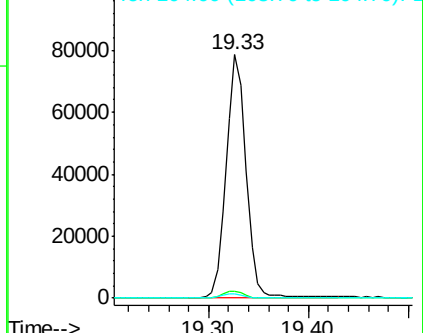
104 1.6 1.3 1.9

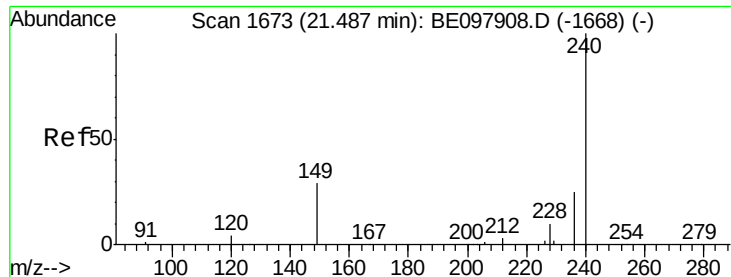


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097919.D

Acq: 16 Oct 2018 20:43

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RE-123D2-20181008

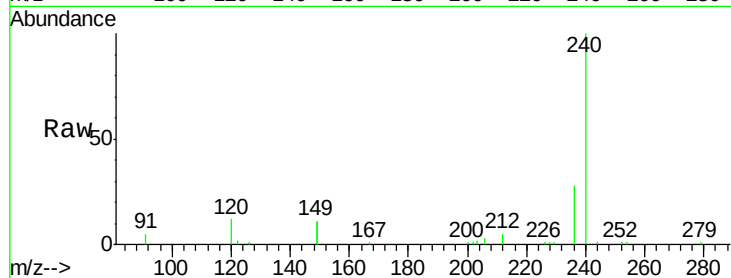
Tgt Ion:240 Resp: 22793

Ion Ratio Lower Upper

240 100

120 11.5 7.1 10.7#

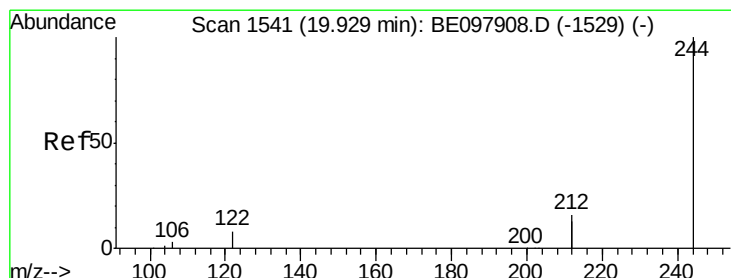
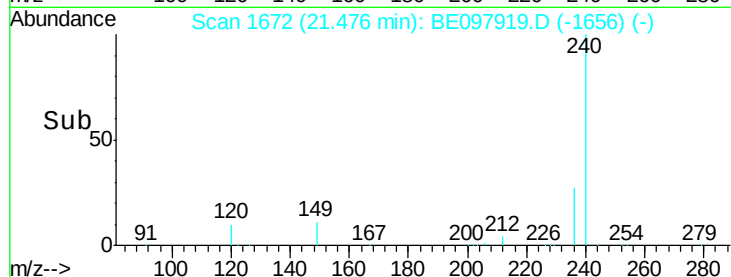
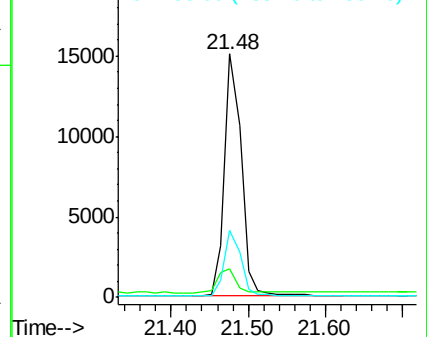
236 27.5 21.3 31.9



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: 0.639 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097919.D

Acq: 16 Oct 2018 20:43

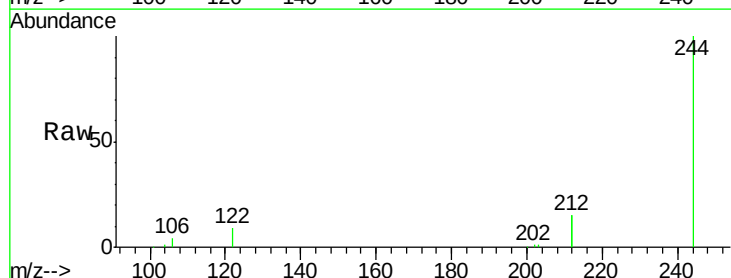
Tgt Ion:244 Resp: 33359

Ion Ratio Lower Upper

244 100

212 30.4 26.2 39.2

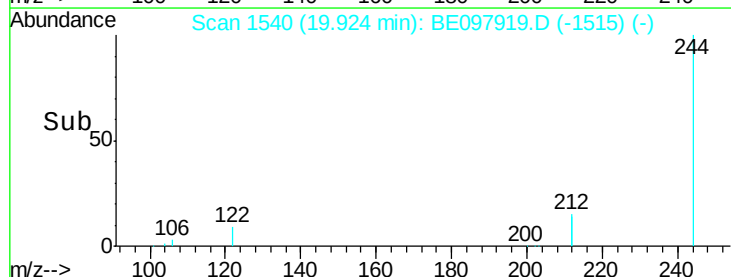
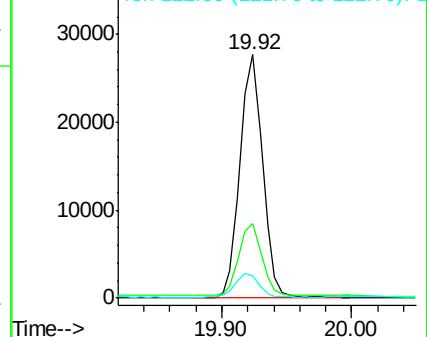
122 9.1 7.7 11.5

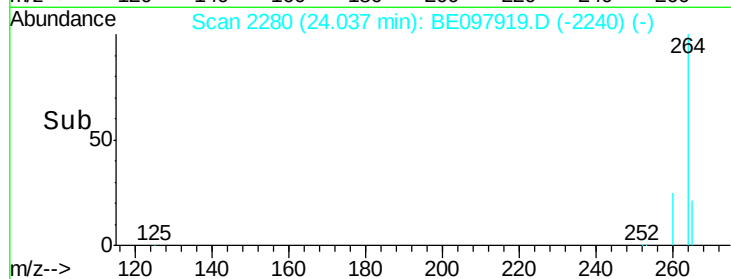
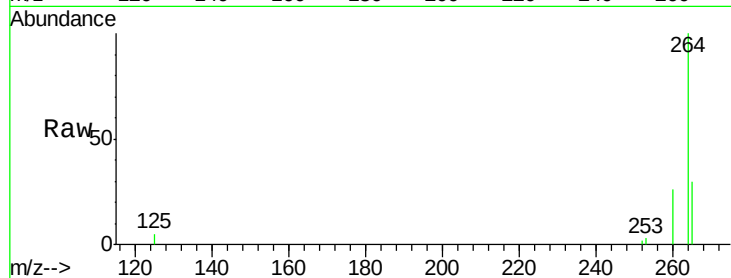
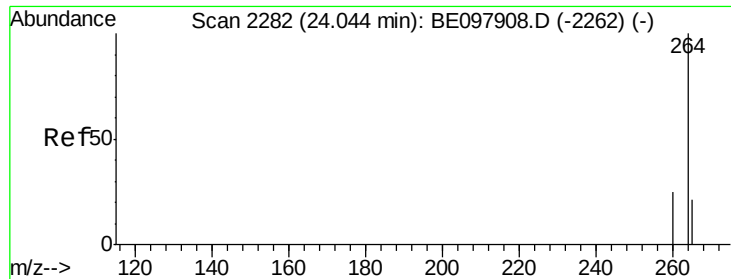


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.04 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE097919.D

Acq: 16 Oct 2018 20:43

Instrument :

BNA_E

ClientSampleId :

RE-123D2-20181008

Tgt Ion: 264 Resp: 17806

Ion Ratio Lower Upper

264 100

260 25.6 21.1 31.7

265 29.8 29.2 43.8

