

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
 Data File : BE096903.D
 Acq On : 13 Jul 2018 12:56
 Operator : SJ/JU
 Sample : J3170-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-071018

Quant Time: Jul 13 17:11:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 17:02:57 2018
 Response via : Initial Calibration

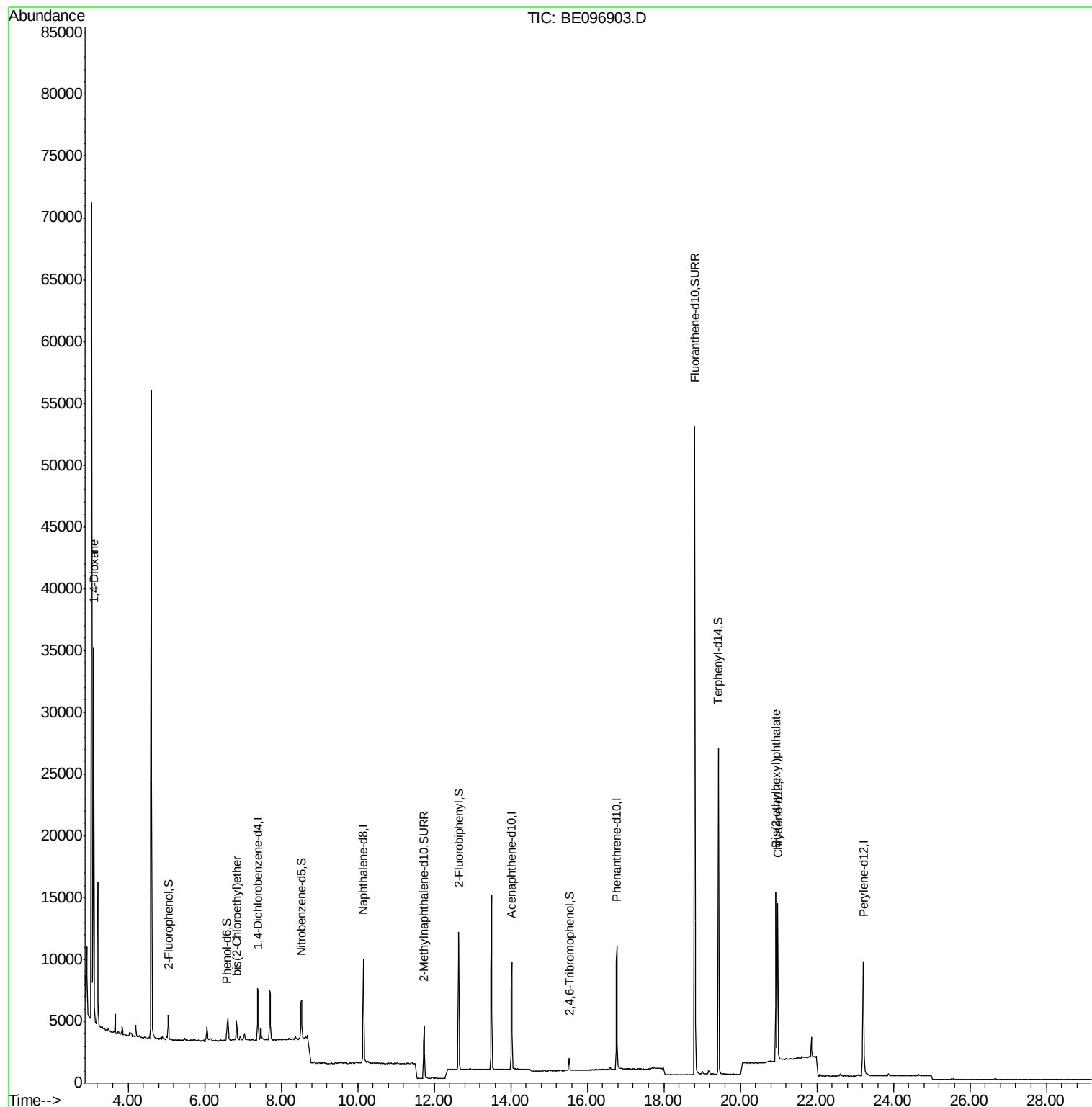
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1977	0.40	ng	0.01
7) Naphthalene-d8	10.15	136	9229	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5005	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	14170	0.40	ng	0.01
27) Chrysene-d12	20.98	240	12900	0.40	ng	0.00
34) Perylene-d12	23.21	264	12785	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	966	0.22	ng	0.00
5) Phenol-d6	6.59	99	844	0.13	ng	0.00
8) Nitrobenzene-d5	8.53	82	2942	0.53	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	5971	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	615	0.51	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	10286	0.56	ng	0.00
25) Fluoranthene-d10	18.81	212	67275	0.54	ng	0.00
29) Terphenyl-d14	19.43	244	22499	0.90	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	15295	5.163	ng	Qvalue # 89
6) bis(2-Chloroethyl)ether	6.84	93	503	0.070	ng	97
32) Bis(2-ethylhexyl)phthalate	20.93	149	14626	0.571	ng	99

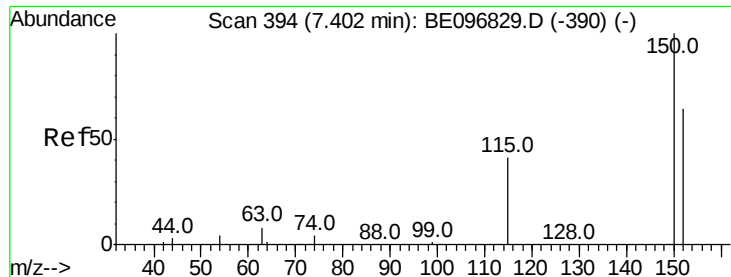
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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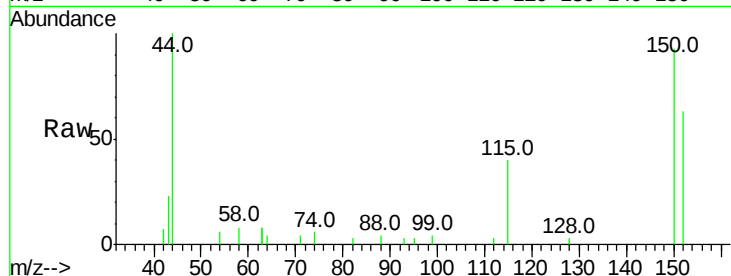


#1

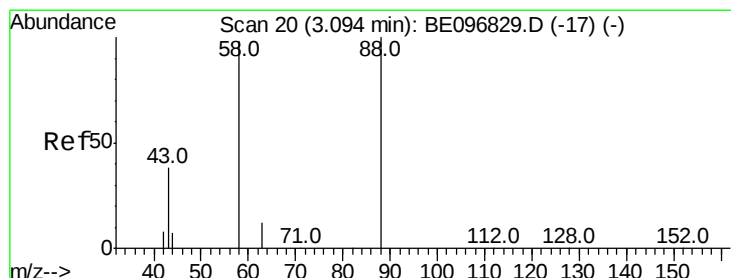
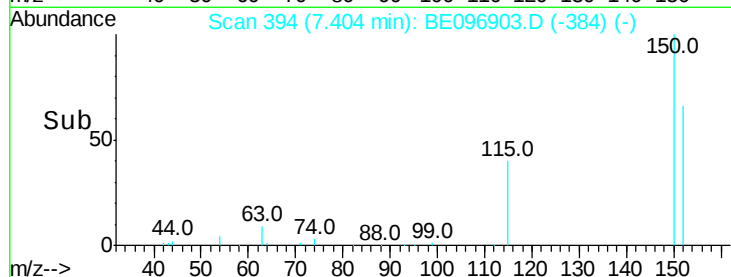
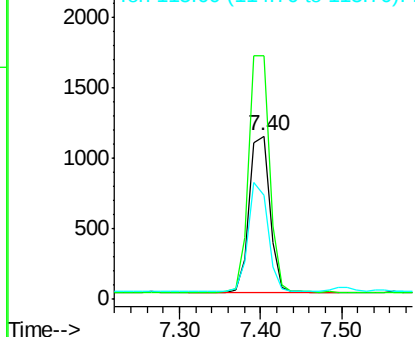
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE096903.D
Acq: 13 Jul 2018 12:56

Instrument :
BNA_E
ClientSampleId :
TT101D-071018

Tot Ion:152 Resp: 1977
Ion Ratio Lower Upper
152 100
150 149.2 117.2 175.8
115 63.6 57.0 85.6



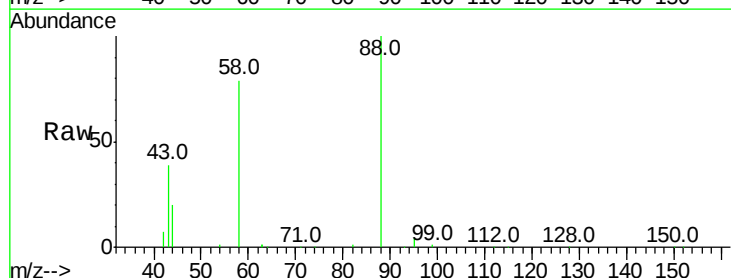
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



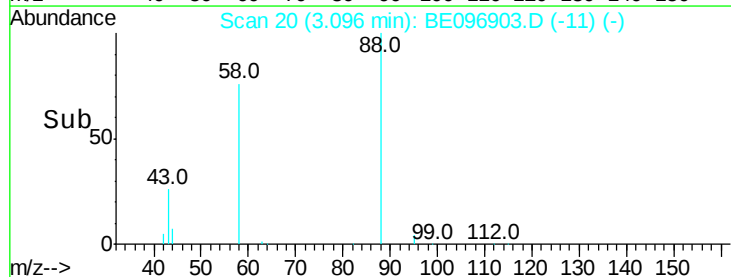
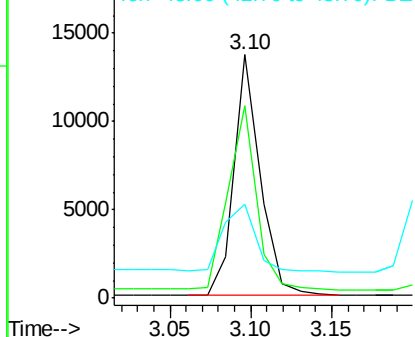
#2

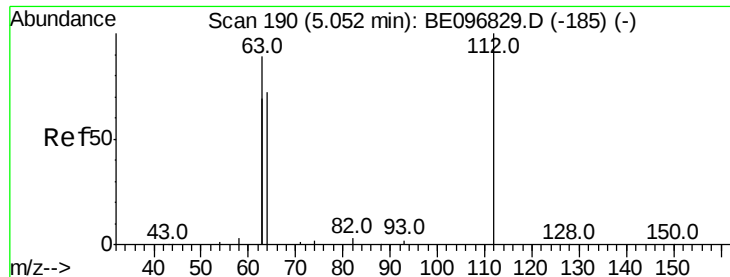
1,4-Dioxane
Concen: 5.163 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096903.D
Acq: 13 Jul 2018 12:56

Tgt Ion: 88 Resp: 15295
Ion Ratio Lower Upper
88 100
58 80.9 63.2 94.8
43 34.7 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: 0.219 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

Instrument :

BNA_E

ClientSampleId :

TT101D-071018

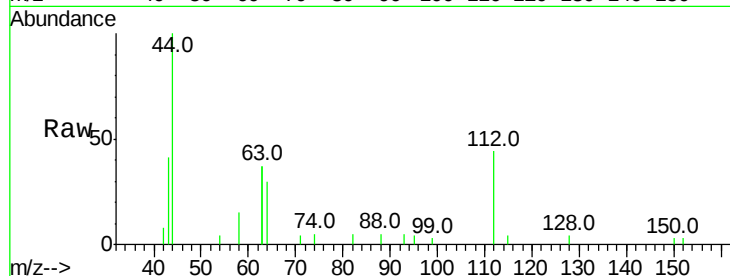
Tot Ion:112 Resp: 966

Ion Ratio Lower Upper

112 100

64 65.7 60.1 90.1

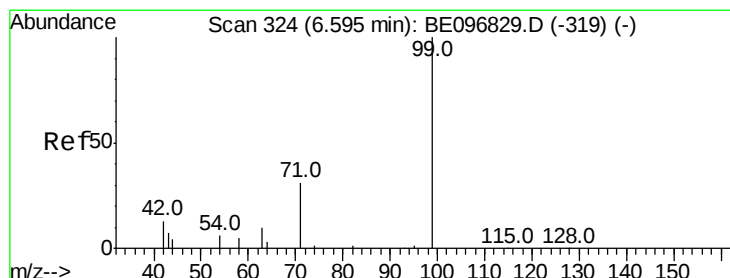
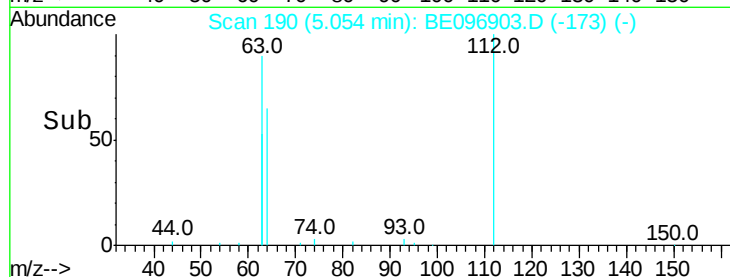
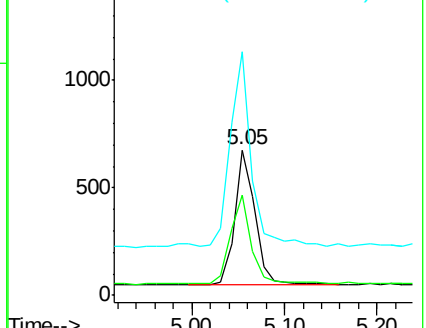
63 153.9 116.8 175.2



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: 0.128 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

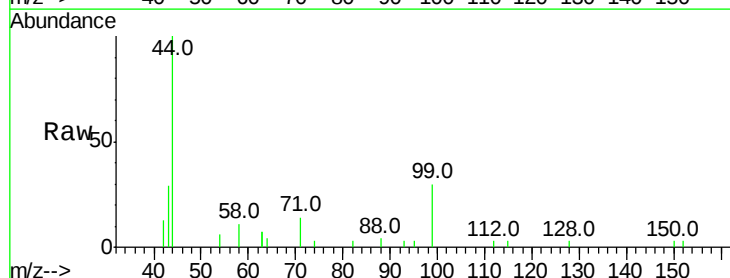
Tgt Ion: 99 Resp: 844

Ion Ratio Lower Upper

99 100

42 32.7 20.2 30.2#

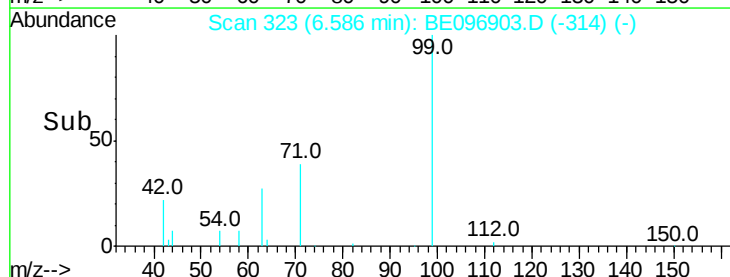
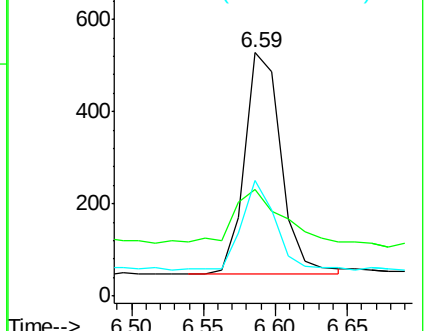
71 36.8 28.4 42.6

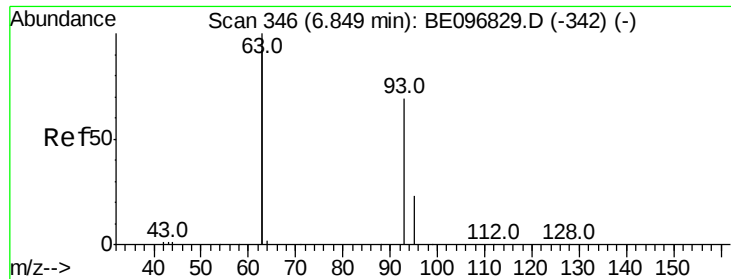


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.070 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

Instrument :

BNA_E

ClientSampleId :

TT101D-071018

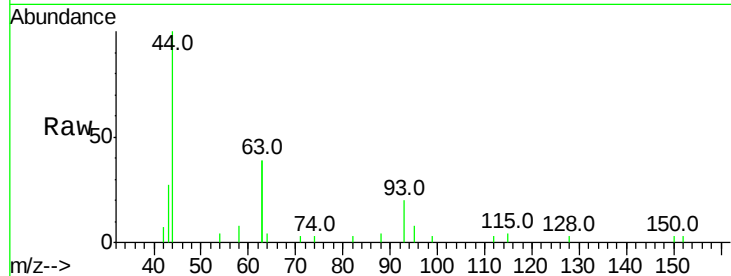
Tot Ion: 93 Resp: 503

Ion Ratio Lower Upper

93 100

63 338.6 275.3 412.9

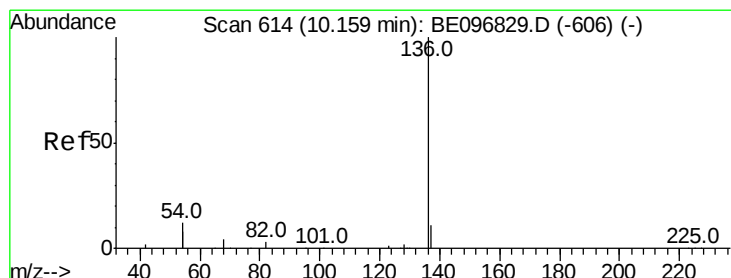
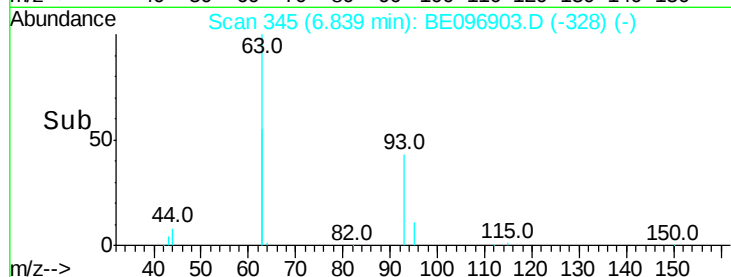
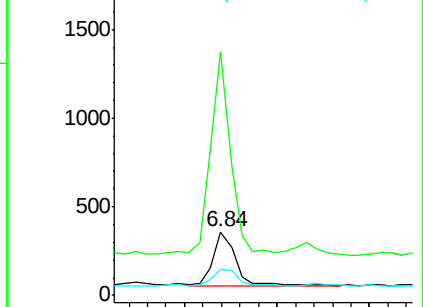
95 35.8 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

Tgt Ion:136 Resp: 9229

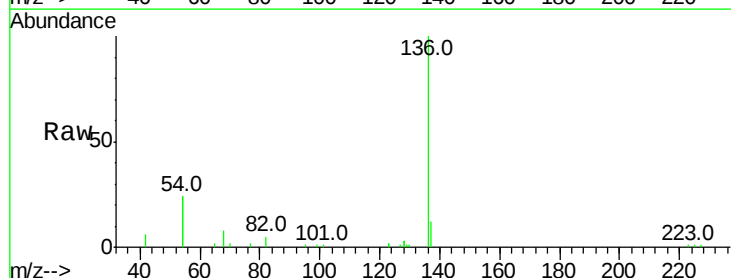
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 47.7 29.1 43.7#

68 8.4 6.2 9.2

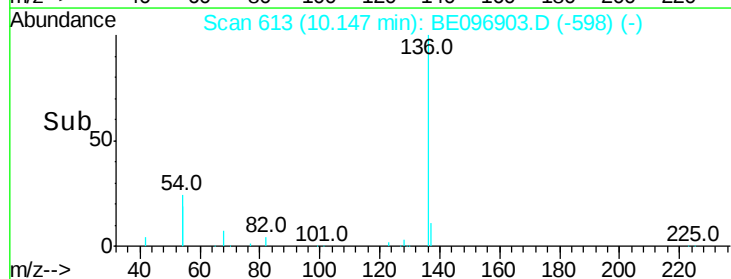
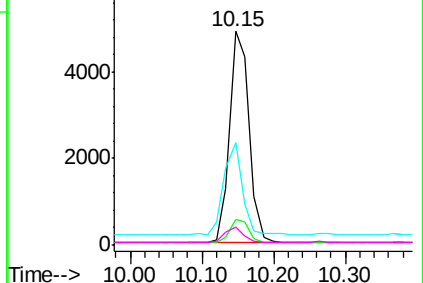


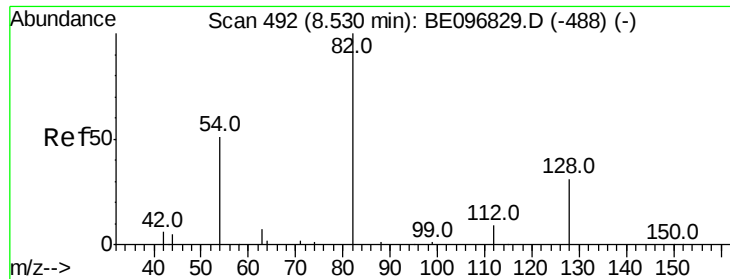
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.526 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

Instrument :

BNA_E

ClientSampleId :

TT101D-071018

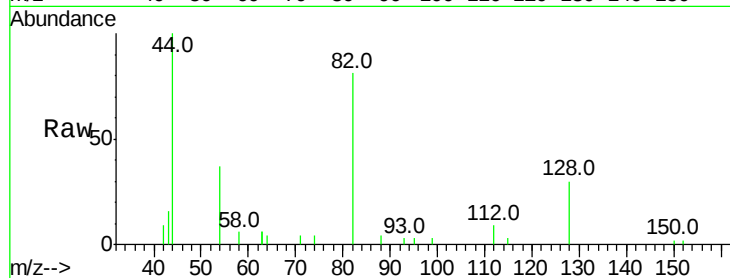
Tot Ion: 82 Resp: 2942

Ion Ratio Lower Upper

82 100

128 36.8 24.0 36.0#

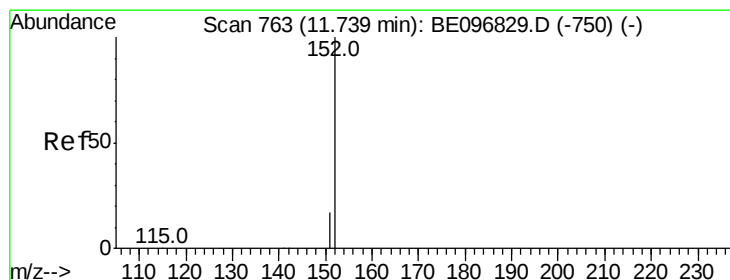
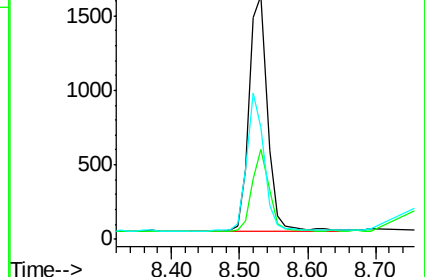
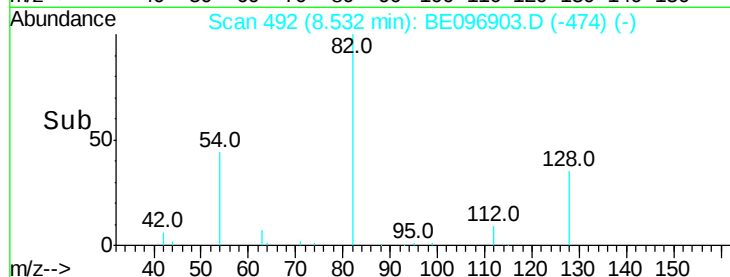
54 46.0 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE096903.D (-474) (-)

Ion 128.00 (127.70 to 128.70): BE096903.D (-474) (-)

Ion 54.00 (53.70 to 54.70): BE096903.D (-474) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.450 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096903.D

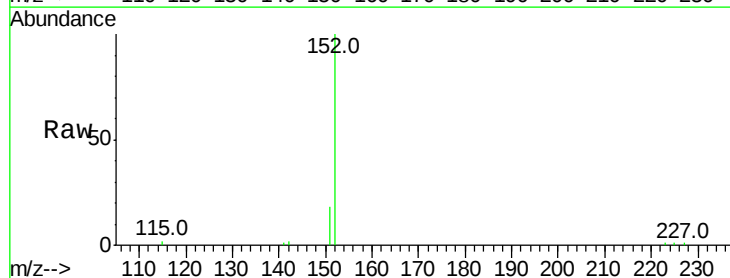
Acq: 13 Jul 2018 12:56

Tgt Ion: 152 Resp: 5971

Ion Ratio Lower Upper

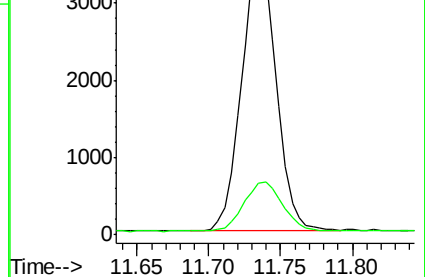
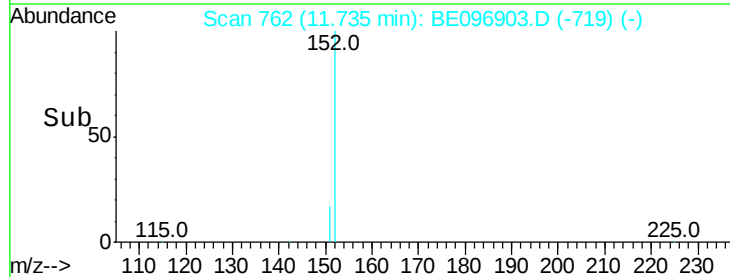
152 100

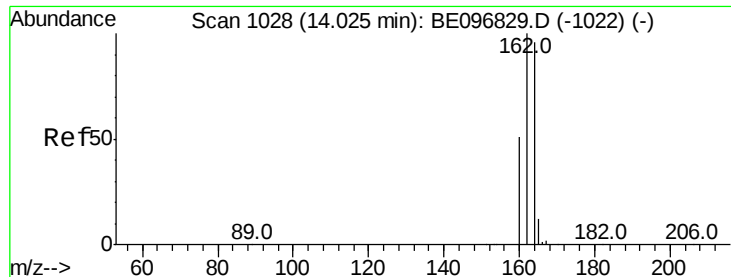
151 20.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE096903.D (-719) (-)

Ion 151.00 (150.70 to 151.70): BE096903.D (-719) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

Instrument :

BNA_E

ClientSampleId :

TT101D-071018

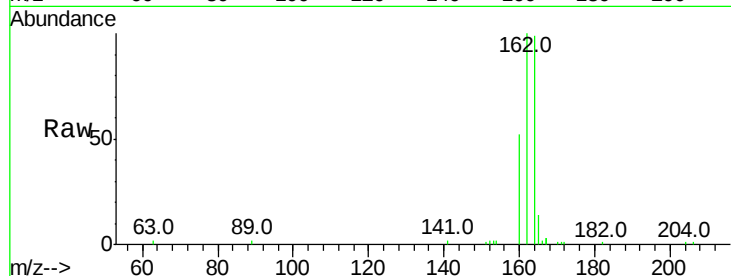
Tot Ion:164 Resp: 5005

Ion Ratio Lower Upper

164 100

162 101.4 83.1 124.7

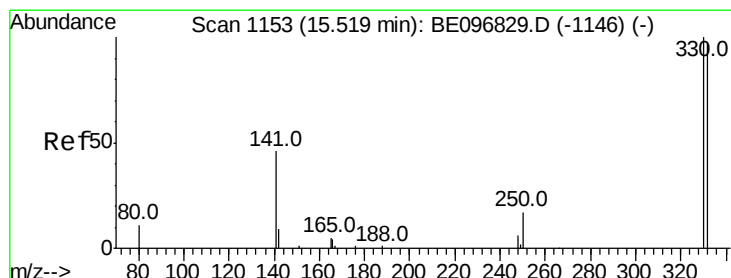
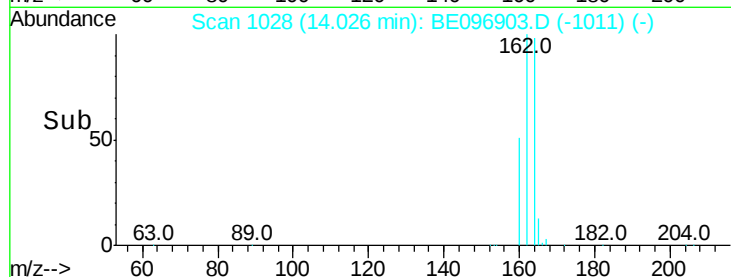
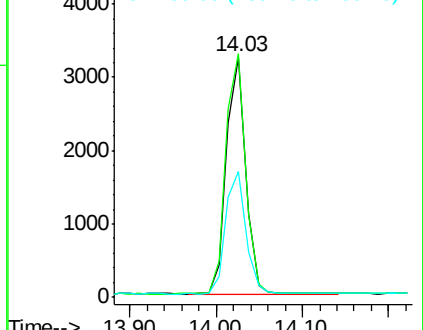
160 52.5 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.515 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

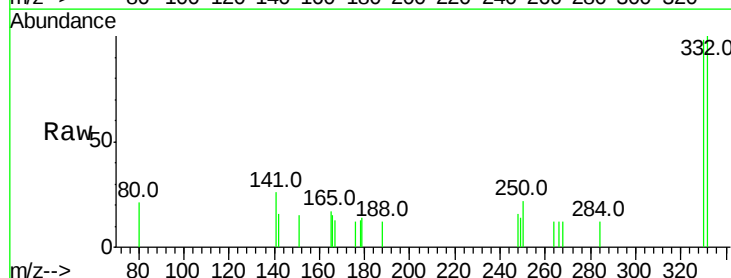
Tgt Ion:330 Resp: 615

Ion Ratio Lower Upper

330 100

332 99.7 152.7 229.1#

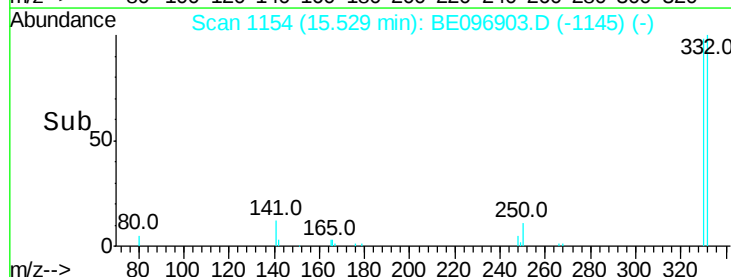
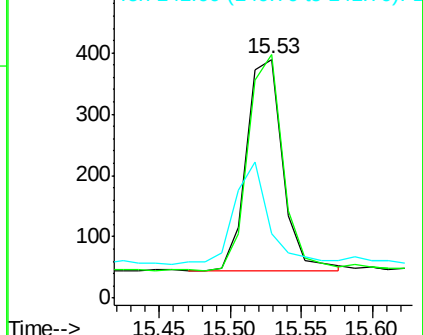
141 46.8 33.7 50.5

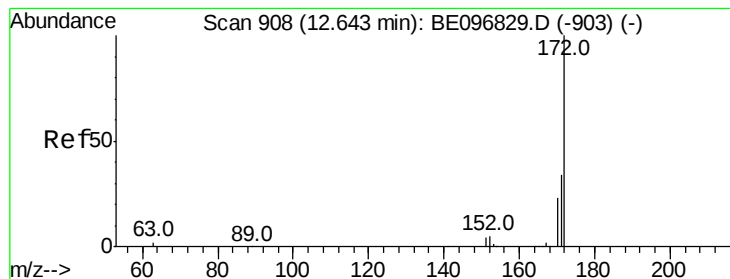


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

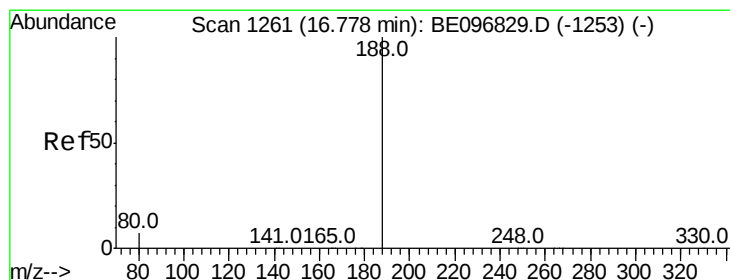
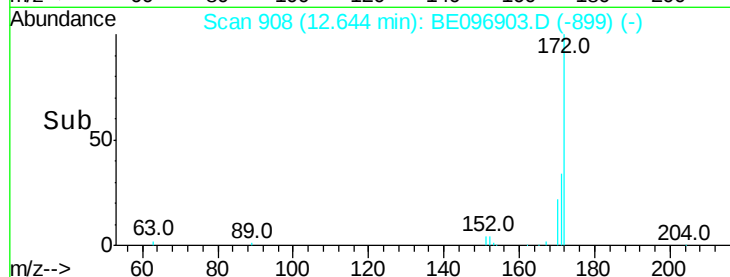
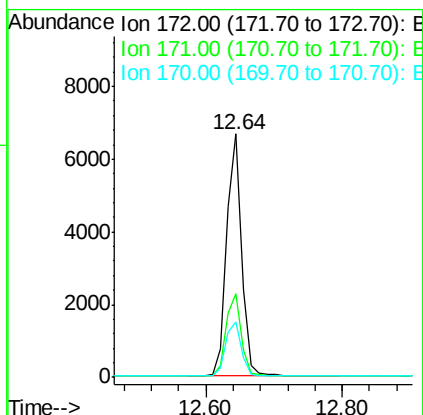
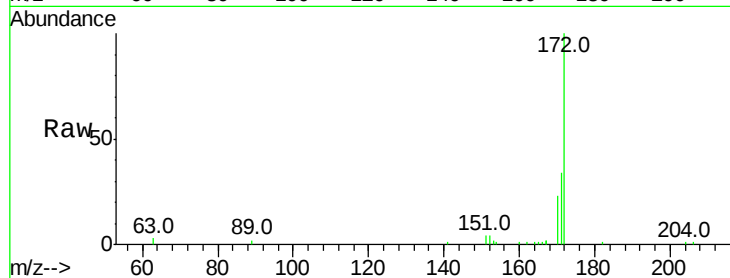




#15
2-Fluorobiphenyl
Concen: 0.562 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096903.D
Acq: 13 Jul 2018 12:56

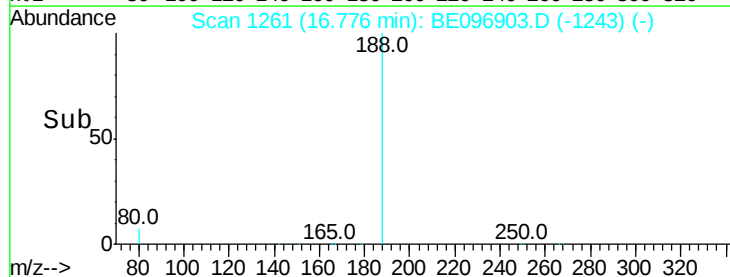
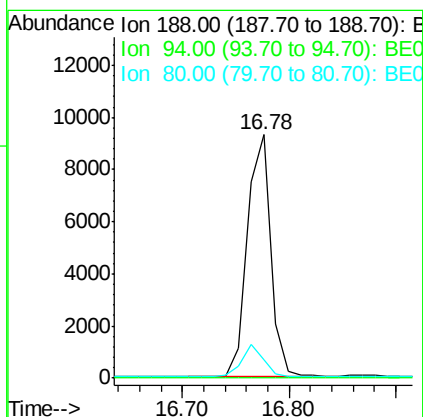
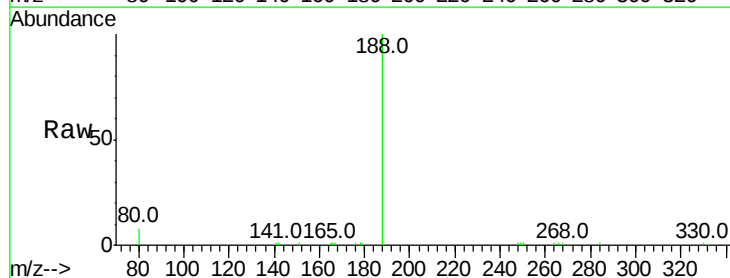
Instrument :
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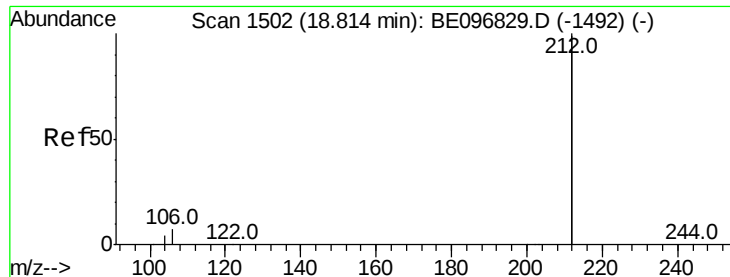
Tot Ion:172 Resp: 10286
Ion Ratio Lower Upper
172 100
171 34.3 29.9 44.9
170 22.6 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE096903.D
Acq: 13 Jul 2018 12:56

Tgt Ion:188 Resp: 14170
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 7.6 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.539 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

Instrument :

BNA_E

ClientSampleId :

TT101D-071018

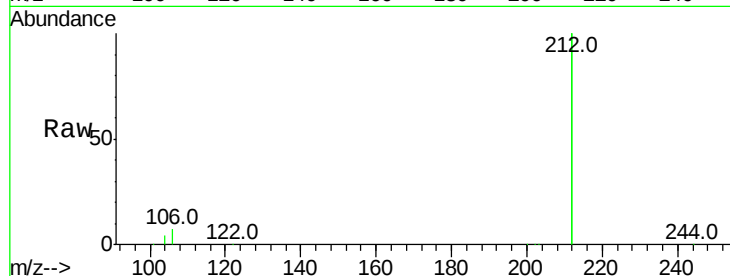
Tot Ion:212 Resp: 67275

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

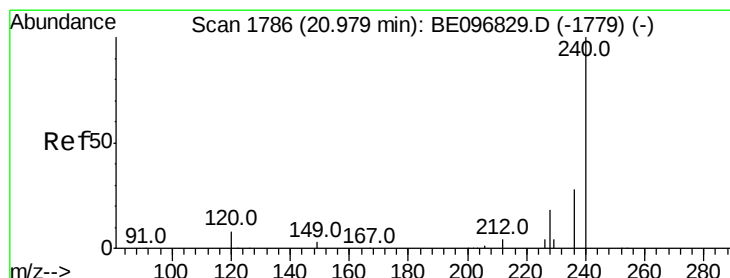
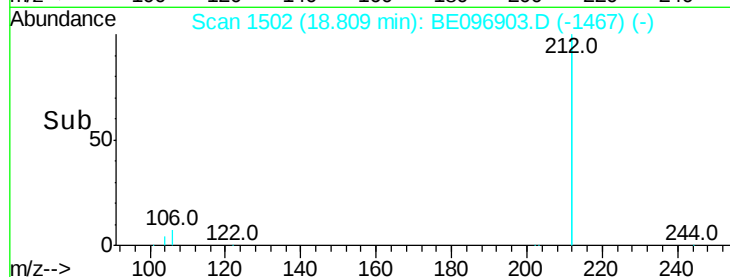
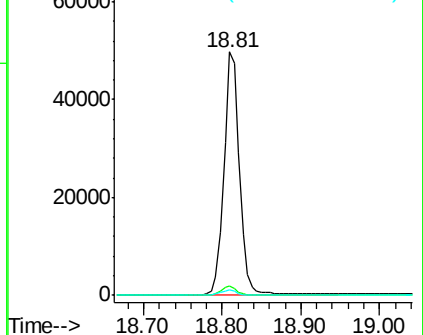
104 1.9 1.6 2.4



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: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

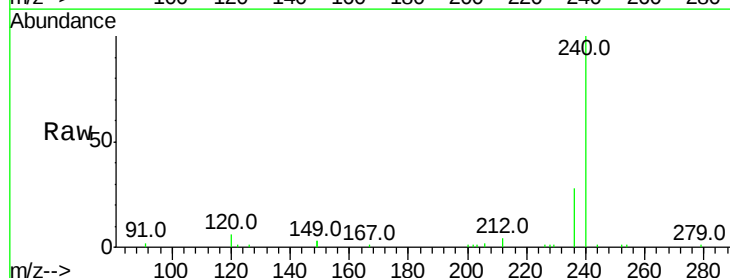
Tgt Ion:240 Resp: 12900

Ion Ratio Lower Upper

240 100

120 5.9 5.5 8.3

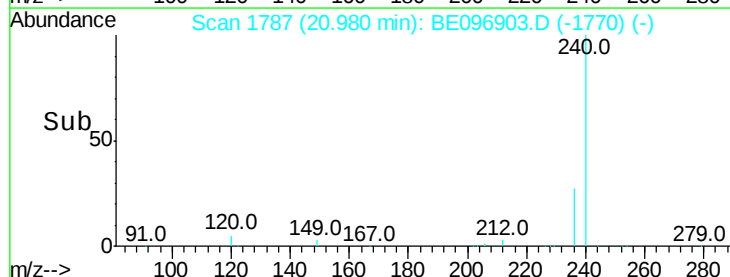
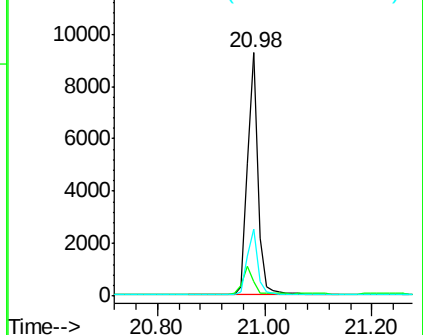
236 27.7 20.7 31.1

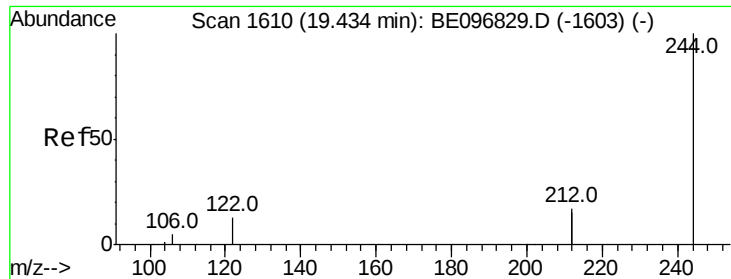


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.904 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

Instrument :

BNA_E

ClientSampleId :

TT101D-071018

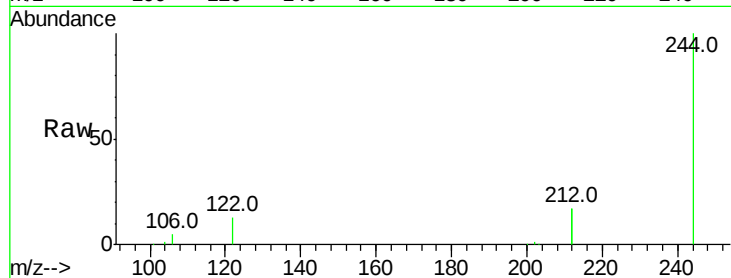
Tot Ion:244 Resp: 22499

Ion Ratio Lower Upper

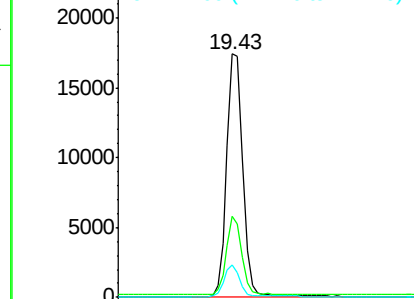
244 100

212 33.4 25.4 38.0

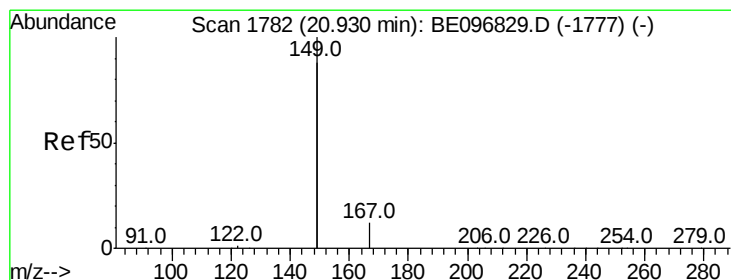
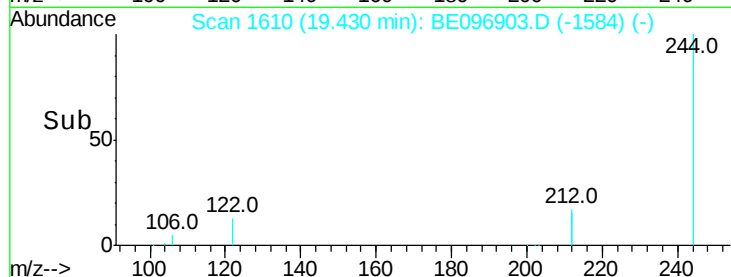
122 13.2 8.1 12.1#



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



Time--> 19.30 19.40 19.50 19.60



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.571 ng

RT: 20.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

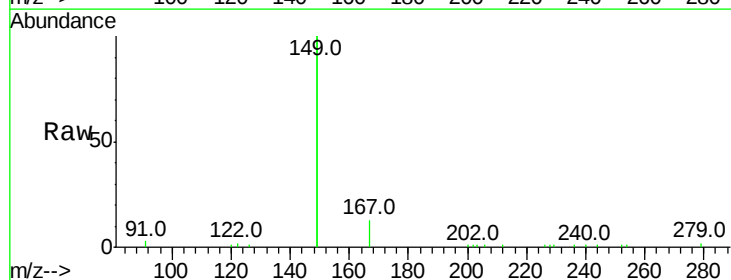
Tgt Ion:149 Resp: 14626

Ion Ratio Lower Upper

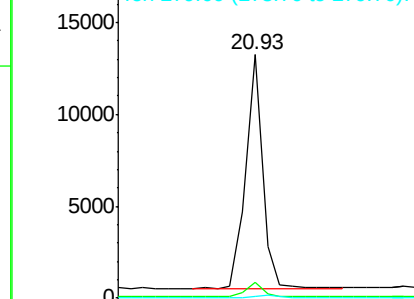
149 100

167 6.4 5.4 8.0

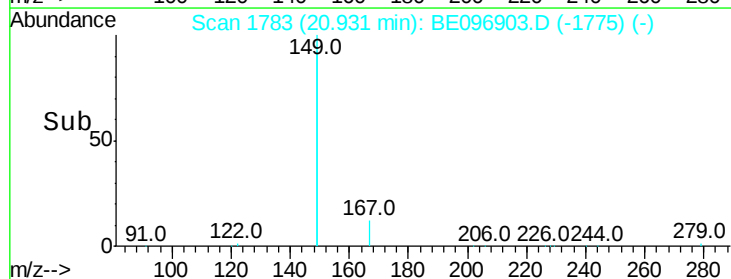
279 0.9 0.7 1.1

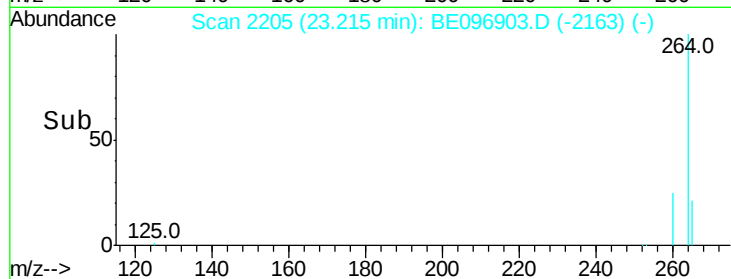
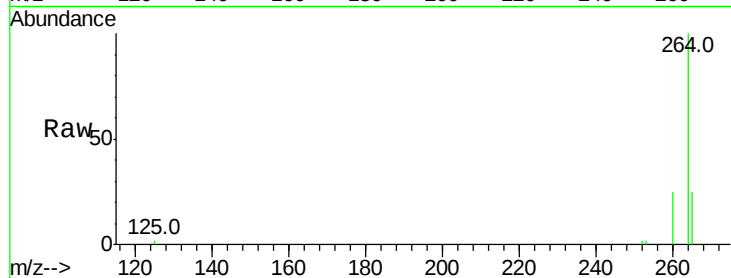
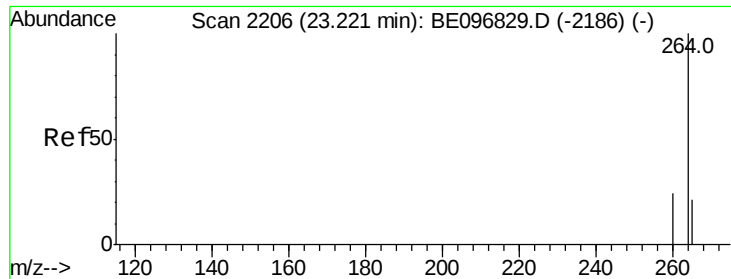


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 20.80 20.90 21.00





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE096903.D

Acq: 13 Jul 2018 12:56

Instrument :

BNA_E

ClientSampleId :

TT101D-071018

Tot Ion:264 Resp: 12785

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

265 24.6 22.8 34.2

