

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
 Data File : BE096818.D
 Acq On : 18 Jun 2018 21:02
 Operator : SJ/JU
 Sample : J3467-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 19 01:26:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 18 13:28:13 2018
 Response via : Initial Calibration

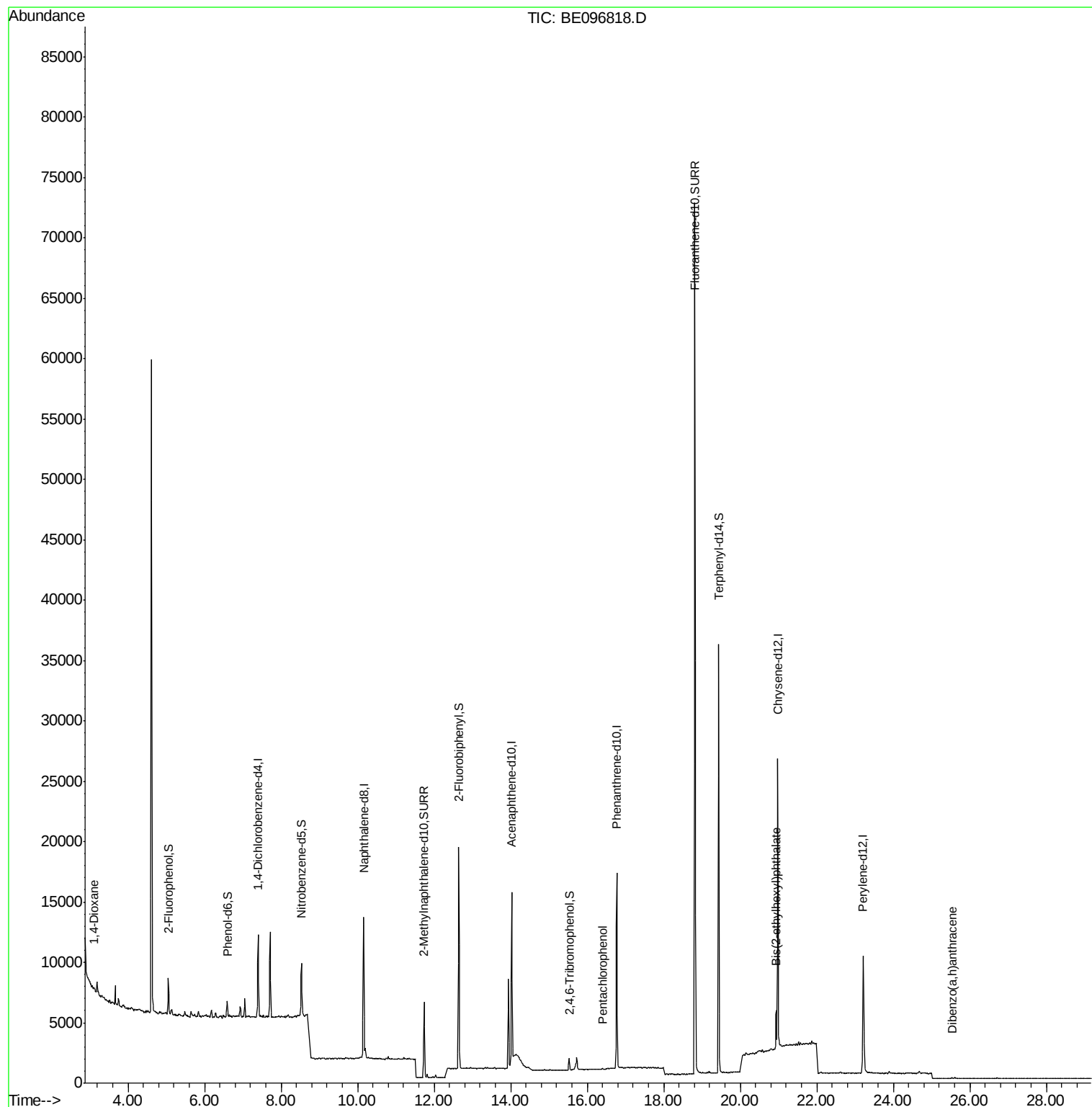
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3017	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13930	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7438	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	21590	0.40	ng	0.00
27) Chrysene-d12	20.98	240	21381	0.40	ng	0.00
34) Perylene-d12	23.21	264	13392	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1362	0.21	ng	0.00
5) Phenol-d6	6.60	99	1132	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	3706	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	8638	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	625	0.40	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	15920	0.52	ng	0.00
25) Fluoranthene-d10	18.81	212	91348	0.43	ng	0.00
29) Terphenyl-d14	19.43	244	29861	0.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.11	88	225	0.046	ng	Qvalue # 16
22) Pentachlorophenol	16.40	266	4	0.093	ng	93
32) Bis(2-ethylhexyl)phthalate	20.94	149	4962	0.127	ng	# 99
38) Dibenzo(a,h)anthracene	25.53	278	2	0.077	ng	# 1

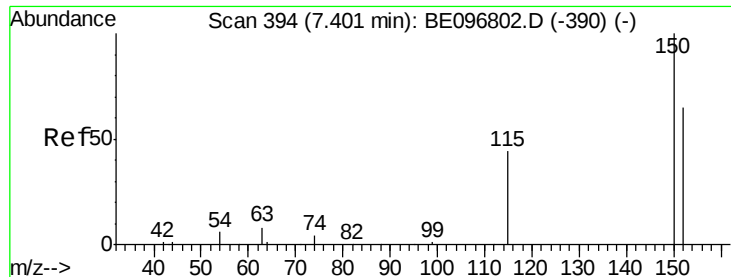
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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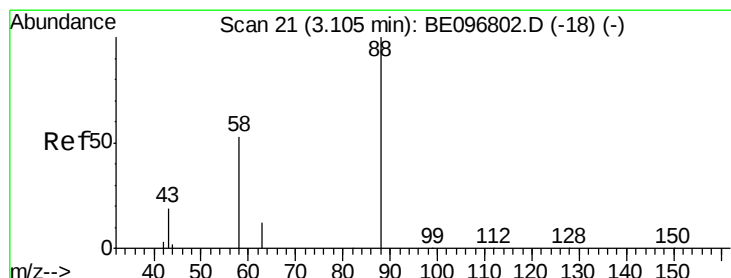
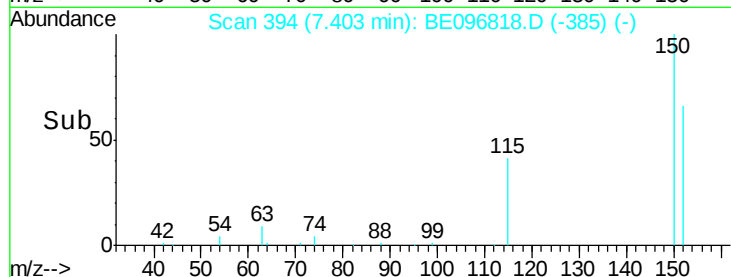
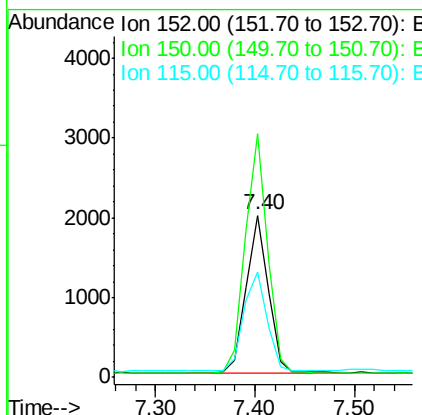
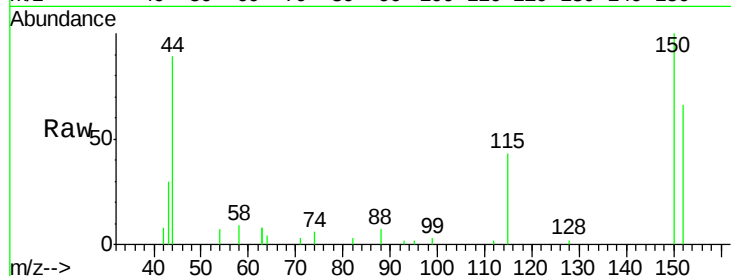


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096818.D
Acq: 18 Jun 2018 21:02

Instrument :
BNA_E
ClientSampleId :

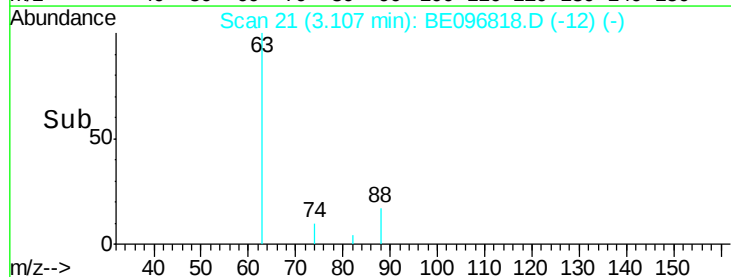
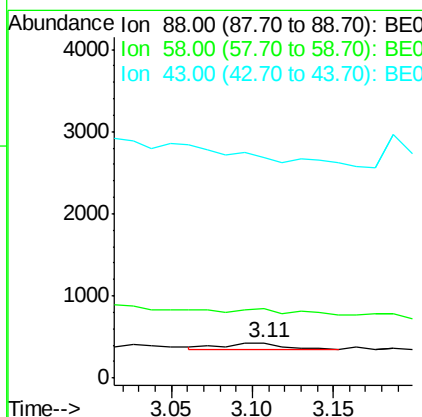
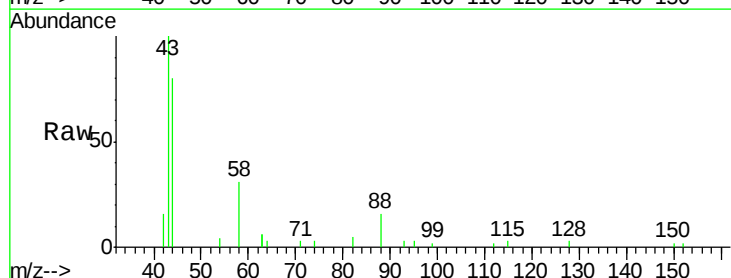
Tot Ion:152 Resp: 3017
Ion Ratio Lower Upper
152 100
150 150.5 117.2 175.8
115 65.5 57.0 85.6

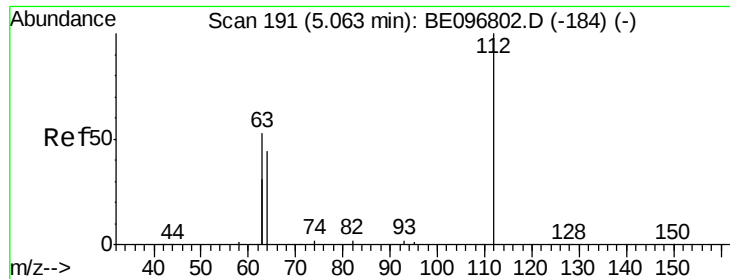


#2

1,4-Dioxane
Concen: 0.046 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.00 min
Lab File: BE096818.D
Acq: 18 Jun 2018 21:02

Tgt Ion: 88 Resp: 225
Ion Ratio Lower Upper
88 100
58 0.0 63.2 94.8#
43 0.0 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.207 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.01 min

Lab File: BE096818.D

Acq: 18 Jun 2018 21:02

Instrument :

BNA_E

ClientSampled :

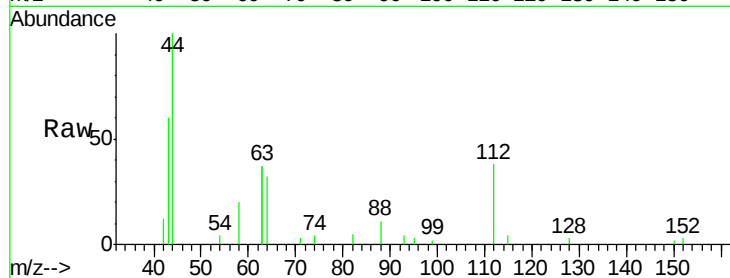
Tot Ion:112 Resp: 1362

Ion Ratio Lower Upper

112 100

64 71.7 60.1 90.1

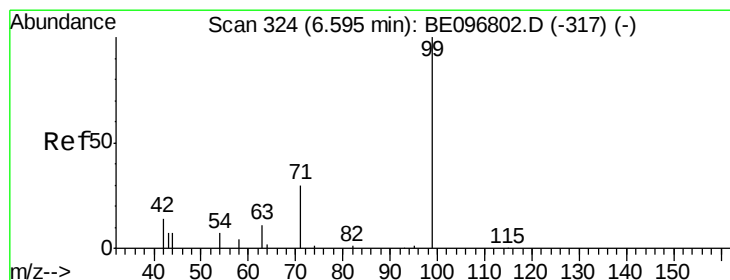
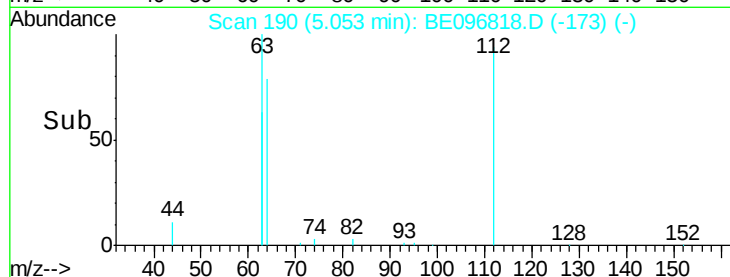
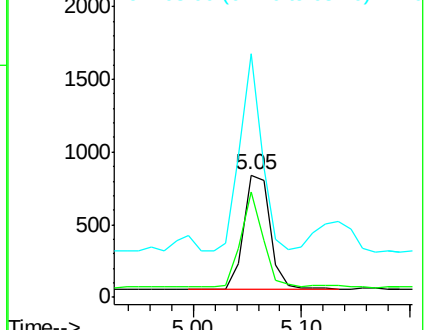
63 139.4 116.8 175.2



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: 0.115 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096818.D

Acq: 18 Jun 2018 21:02

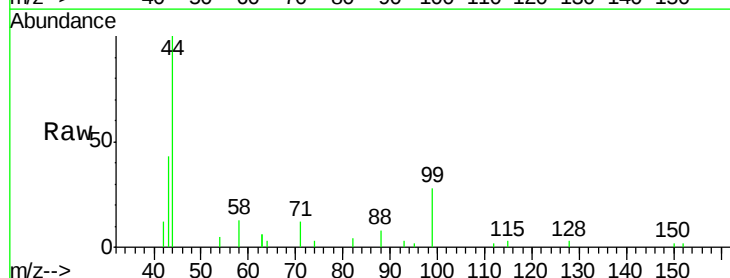
Tgt Ion: 99 Resp: 1132

Ion Ratio Lower Upper

99 100

42 26.1 20.2 30.2

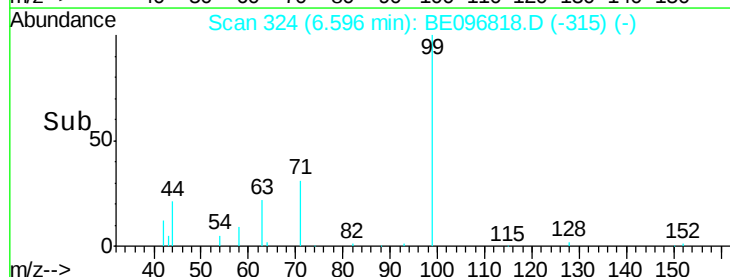
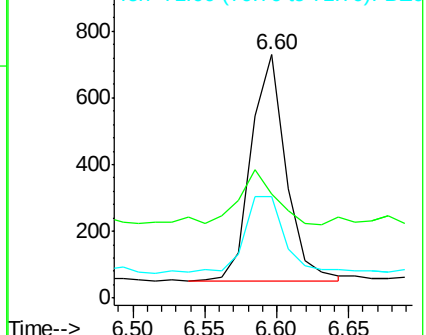
71 40.2 28.4 42.6

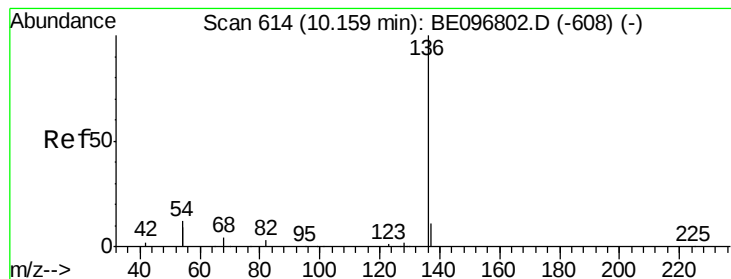


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096818.D

Acq: 18 Jun 2018 21:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13930

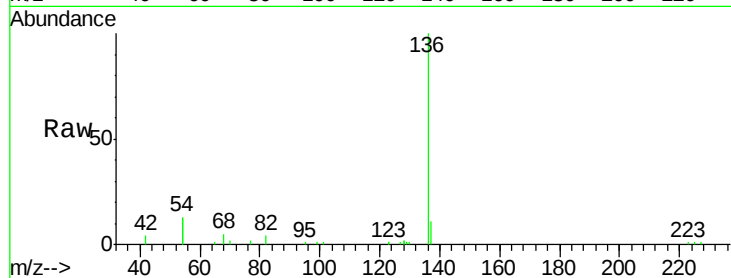
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 26.0 29.1 43.7#

68 5.1 6.2 9.2#

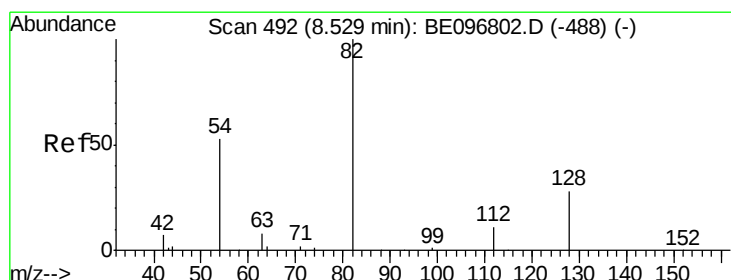
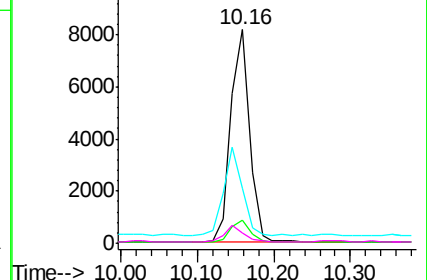
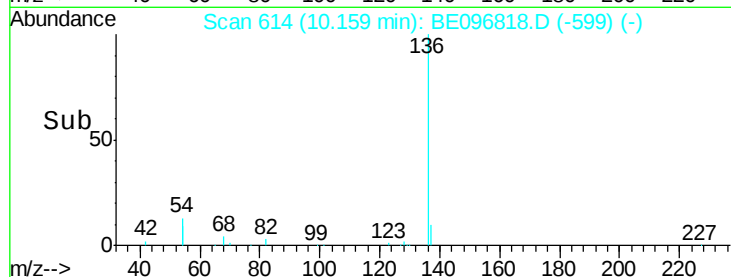


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.478 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096818.D

Acq: 18 Jun 2018 21:02

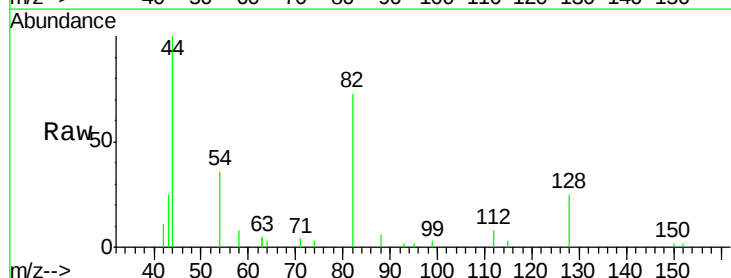
Tgt Ion: 82 Resp: 3706

Ion Ratio Lower Upper

82 100

128 34.8 24.0 36.0

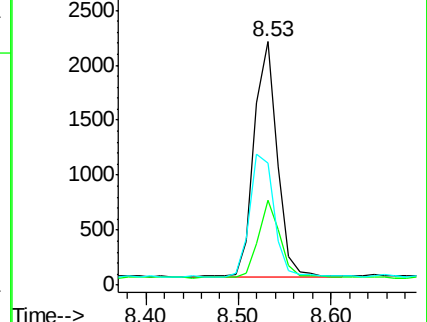
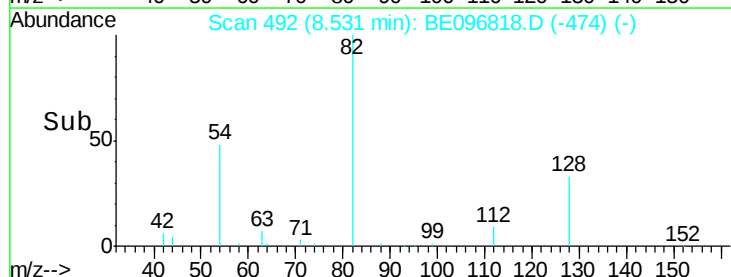
54 50.0 40.0 60.0

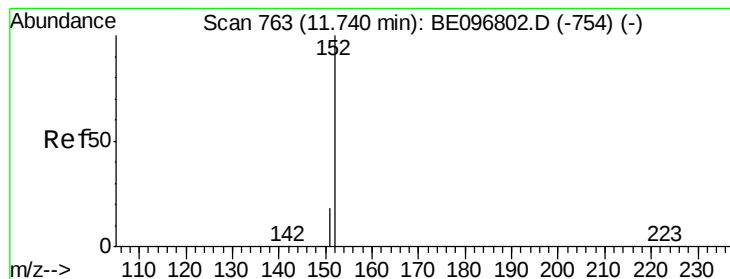


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 11.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE096818.D

Acq: 18 Jun 2018 21:02

Instrument :

BNA_E

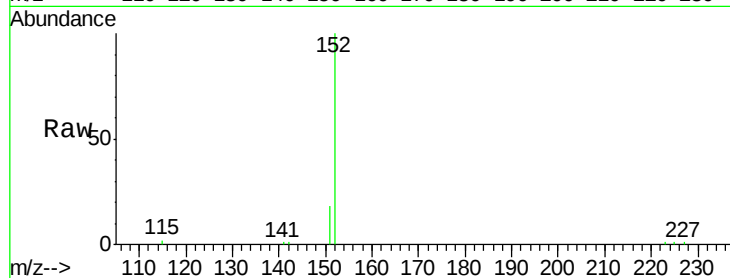
ClientSampleId :

Tot Ion:152 Resp: 8638

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

6000

5000

4000

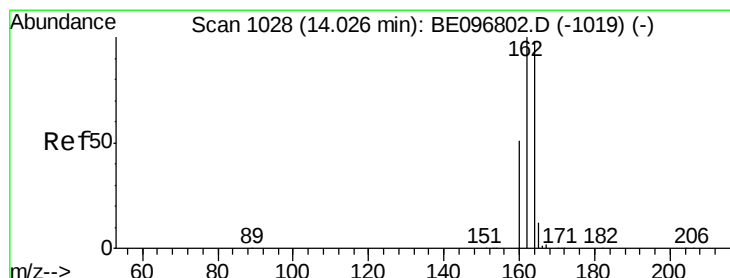
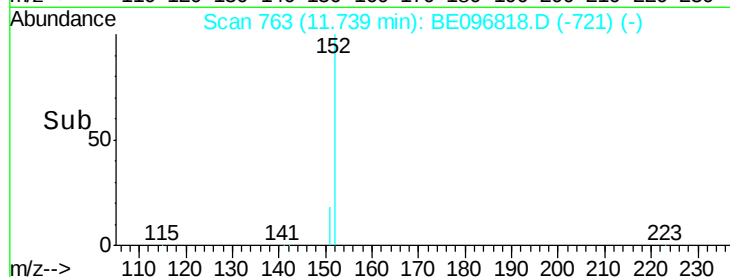
3000

2000

1000

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE096818.D

Acq: 18 Jun 2018 21:02

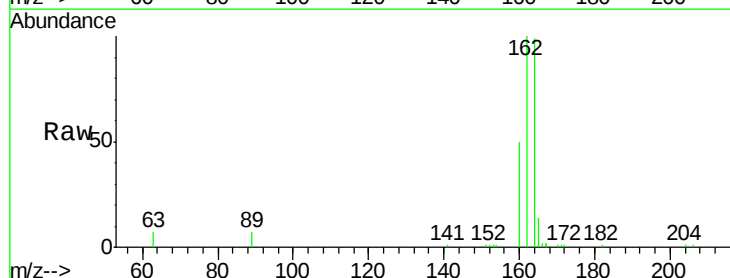
Tgt Ion:164 Resp: 7438

Ion Ratio Lower Upper

164 100

162 101.1 83.1 124.7

160 50.7 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

14.03

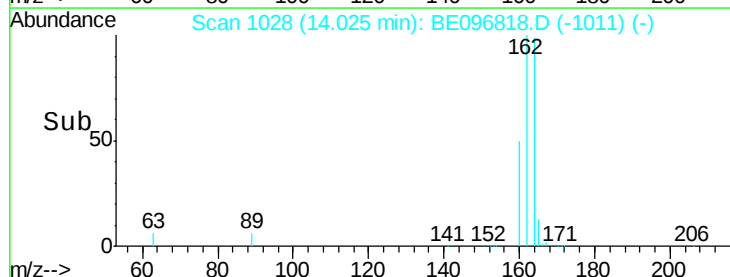
6000

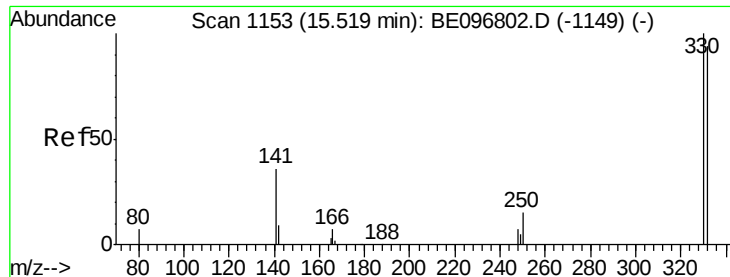
4000

2000

0

Time-->

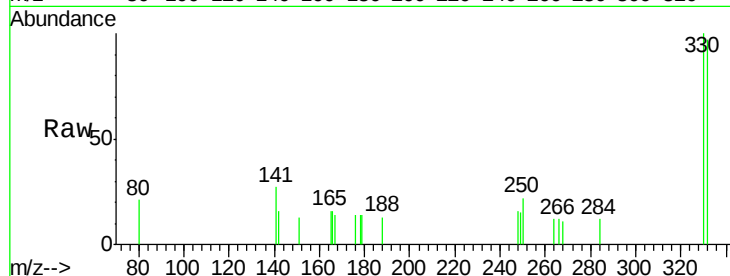




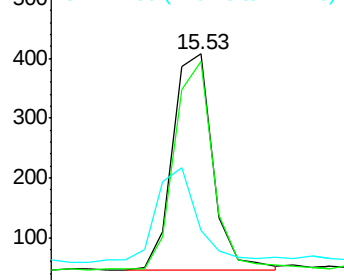
#14
 2,4,6-Tribromophenol
 Concen: 0.398 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE096818.D
 Acq: 18 Jun 2018 21:02

Instrument :
 BNA_E
 ClientSampled :

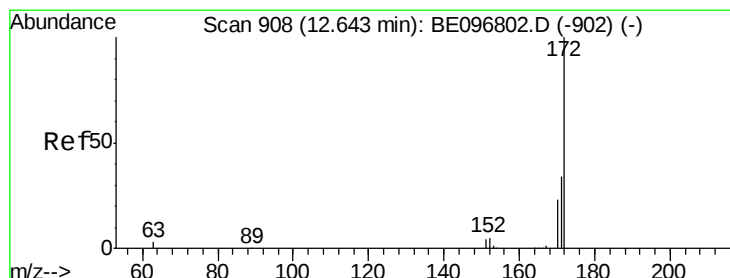
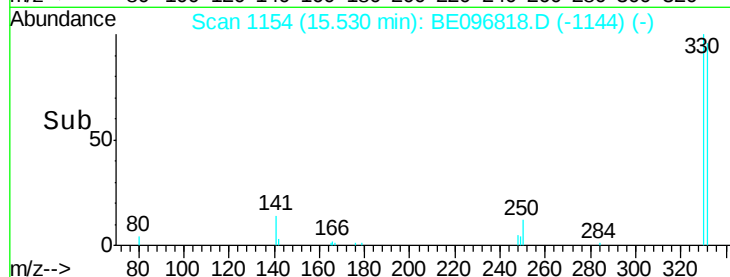
Tot Ion:330 Resp: 625
 Ion Ratio Lower Upper
 330 100
 332 94.4 152.7 229.1#
 141 45.9 33.7 50.5



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

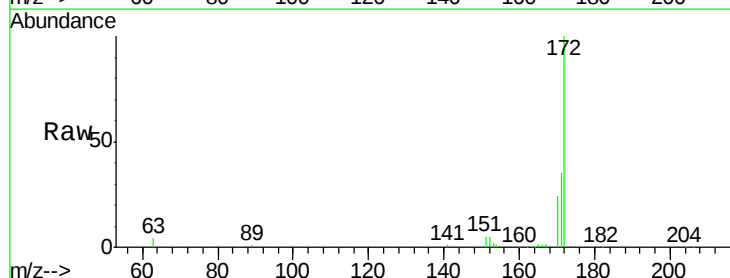


Time--> 15.45 15.50 15.55 15.60

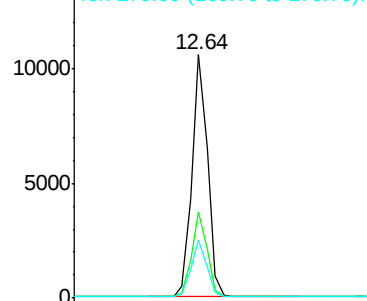


#15
 2-Fluorobiphenyl
 Concen: 0.520 ng
 RT: 12.64 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BE096818.D
 Acq: 18 Jun 2018 21:02

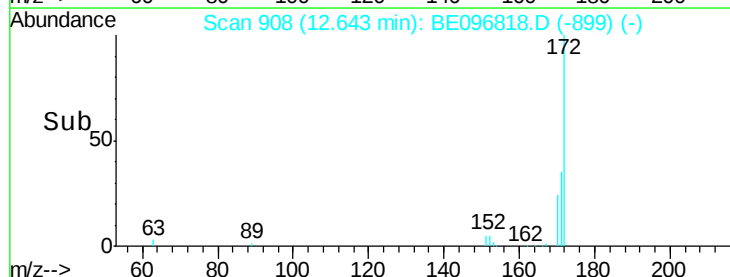
Tgt Ion:172 Resp: 15920
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.9 44.9
 170 24.0 21.8 32.8

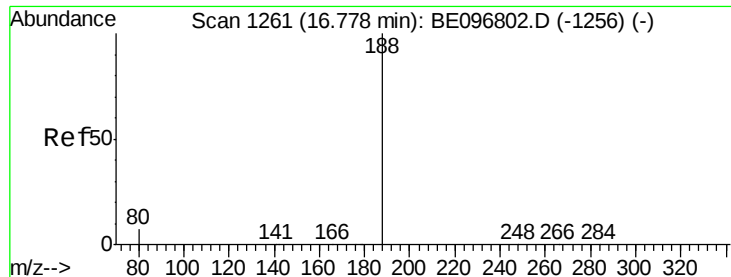


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 12.50 12.60 12.70 12.80

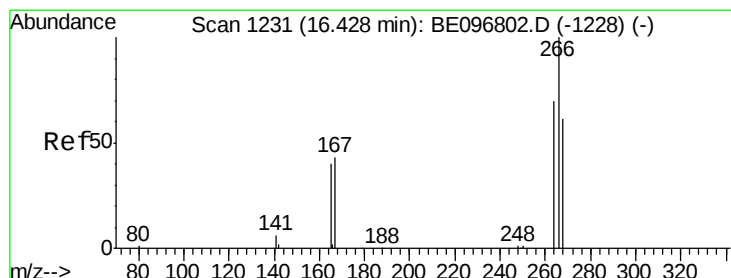
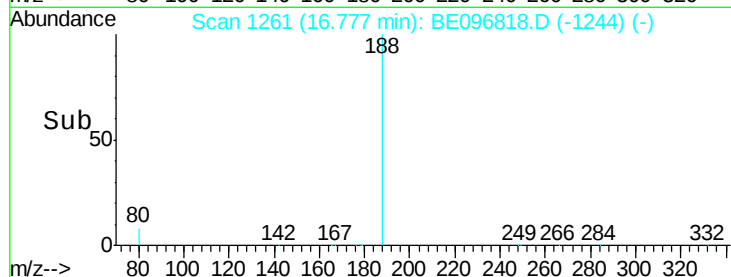
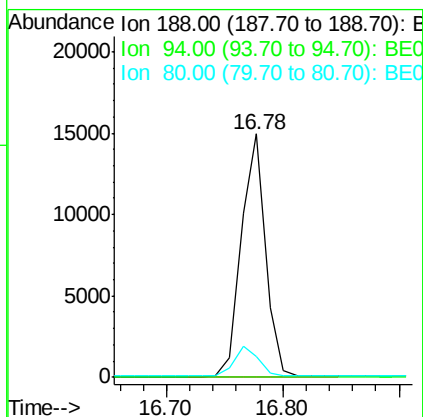
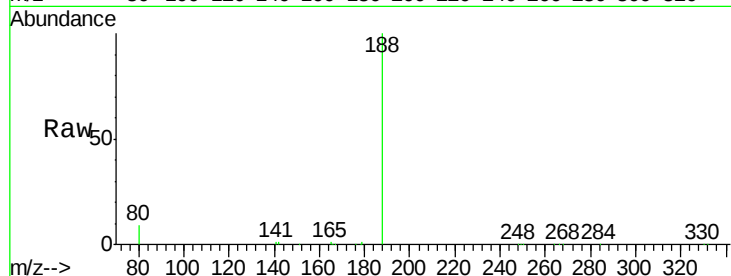




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096818.D
Acq: 18 Jun 2018 21:02

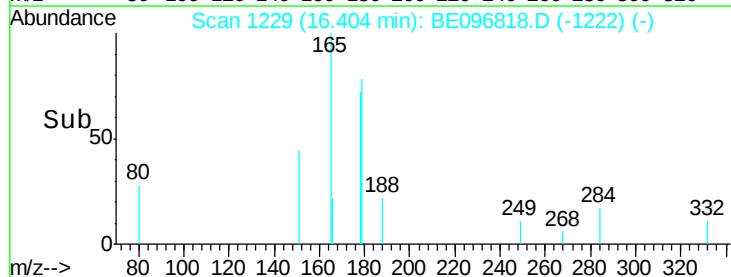
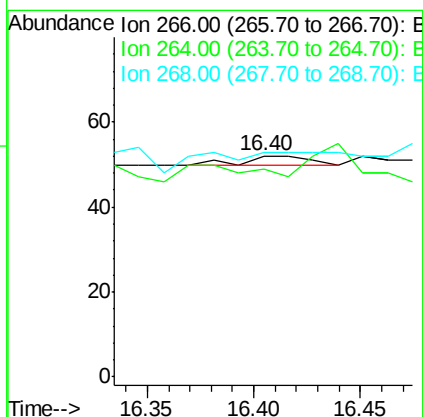
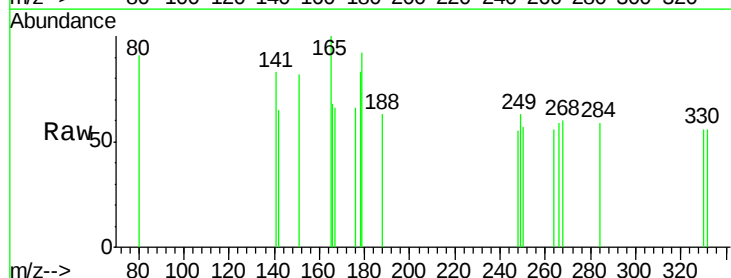
Instrument :
BNA_E
ClientSampleId :

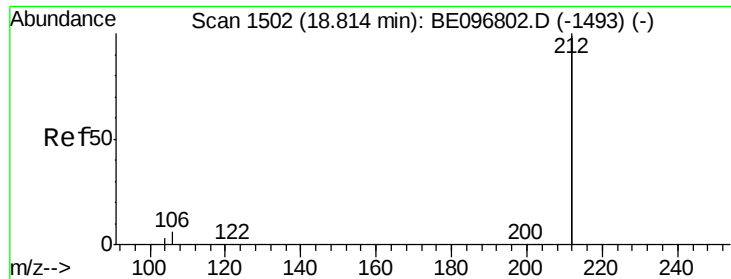
Tot Ion:188 Resp: 21590
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 8.6 3.6 5.4#



#22
Pentachlorophenol
Concen: 0.093 ng
RT: 16.40 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BE096818.D
Acq: 18 Jun 2018 21:02

Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 94.2 72.5 108.7
268 101.9 73.8 110.6





#25

Fluoranthene-d10

Concen: 0.432 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE096818.D

Acq: 18 Jun 2018 21:02

Instrument :

BNA_E

ClientSampleId :

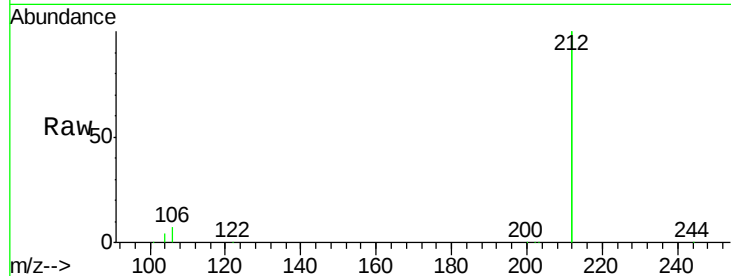
Tot Ion:212 Resp: 91348

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

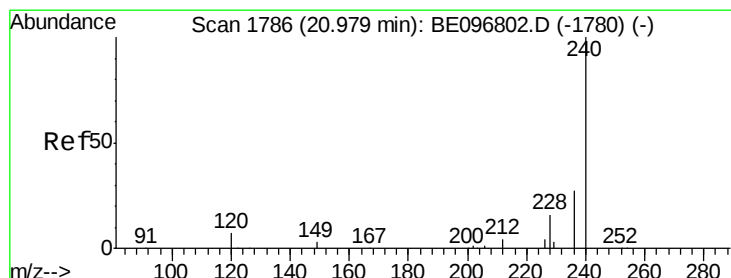
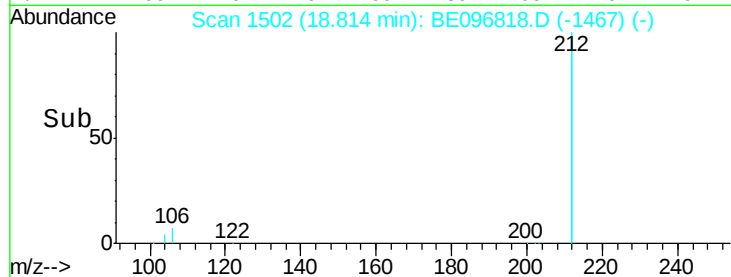
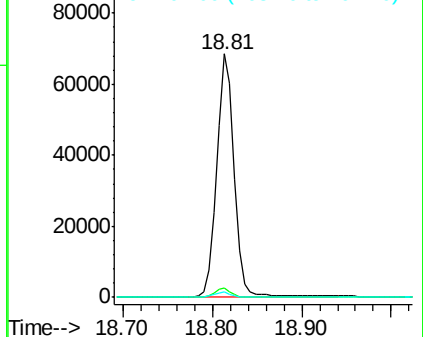
104 2.0 1.6 2.4



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# 1786

Delta R.T. -0.00 min

Lab File: BE096818.D

Acq: 18 Jun 2018 21:02

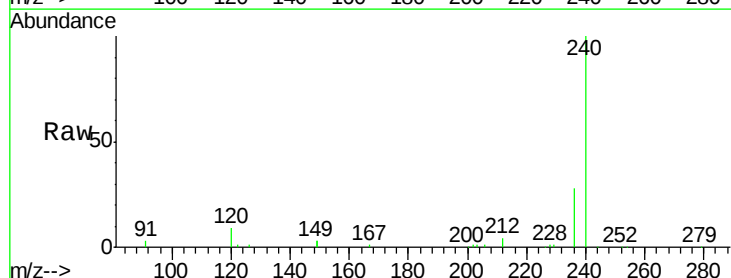
Tgt Ion:240 Resp: 21381

Ion Ratio Lower Upper

240 100

120 8.8 5.5 8.3#

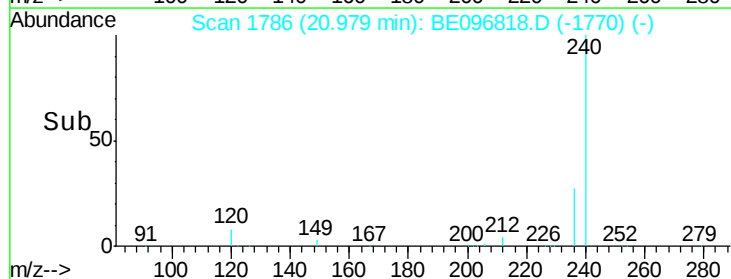
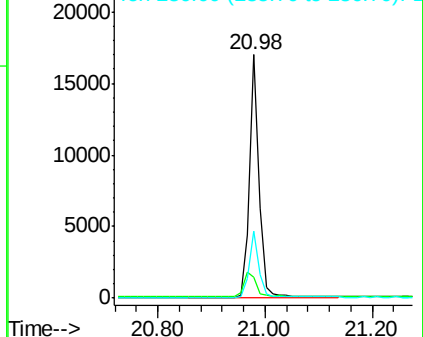
236 27.7 20.7 31.1

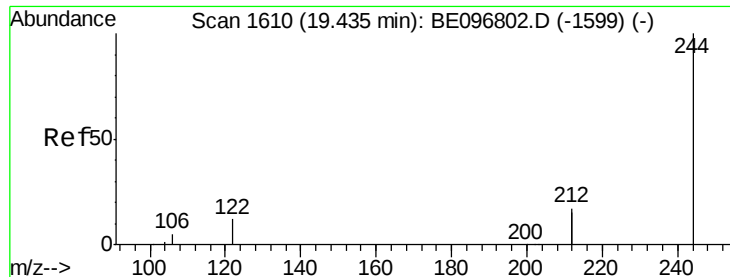


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.616 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE096818.D

Acq: 18 Jun 2018 21:02

Instrument :

BNA_E

ClientSampleId :

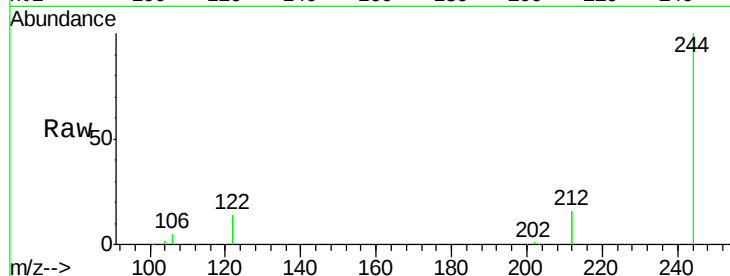
Tot Ion:244 Resp: 29861

Ion Ratio Lower Upper

244 100

212 32.5 25.4 38.0

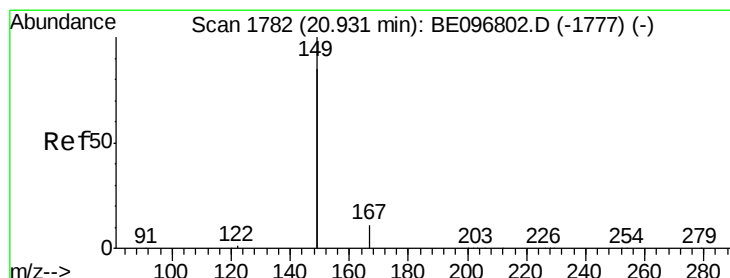
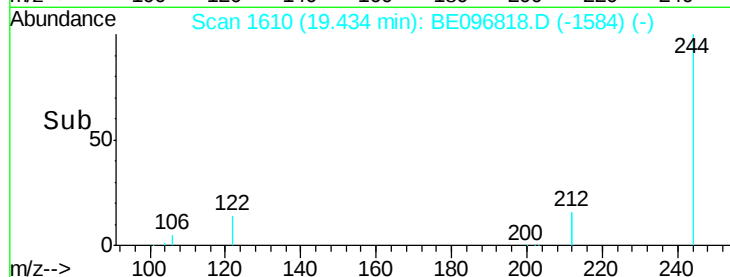
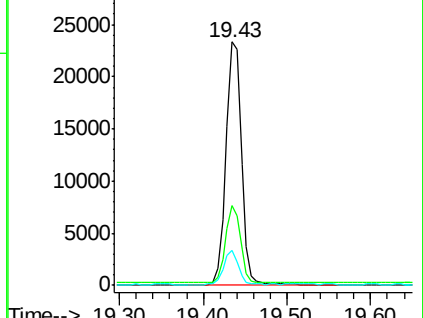
122 14.4 8.1 12.1#



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: 0.127 ng

RT: 20.94 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BE096818.D

Acq: 18 Jun 2018 21:02

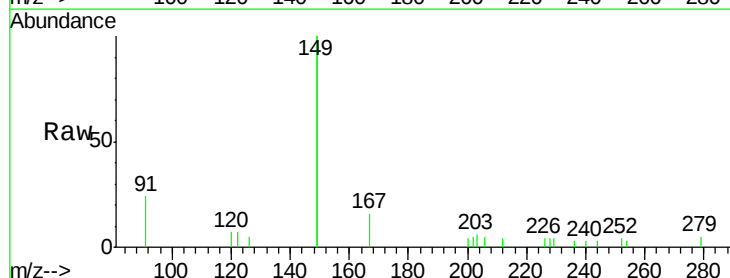
Tgt Ion:149 Resp: 4962

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

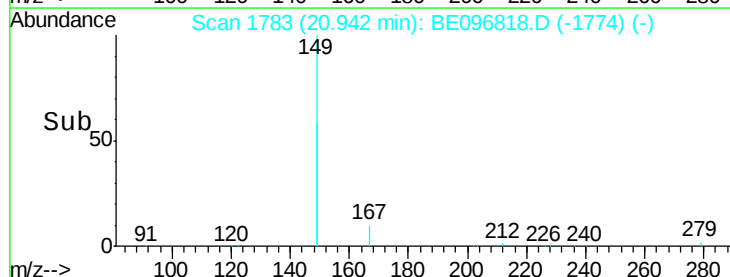
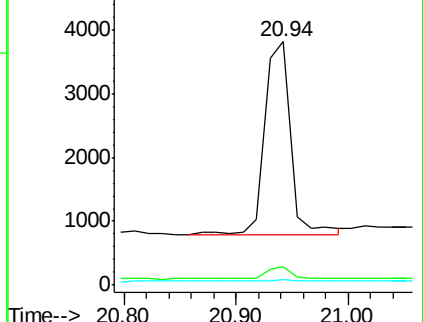
279 1.1 0.7 1.1#

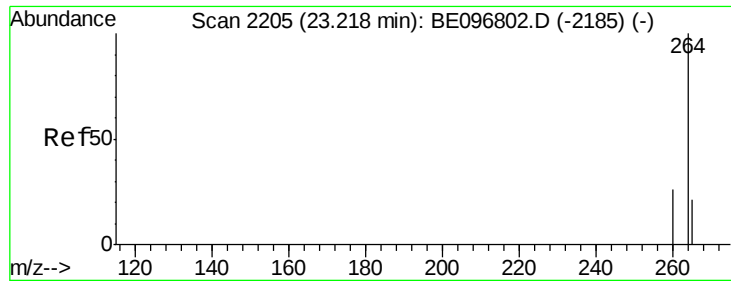


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

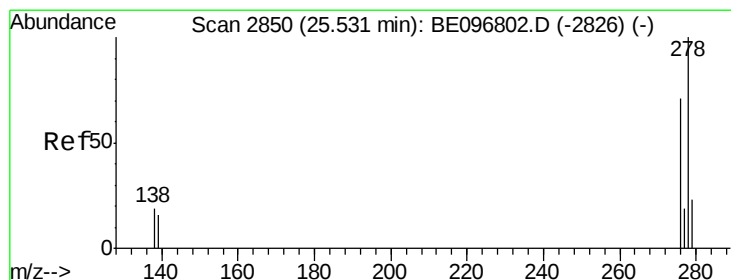
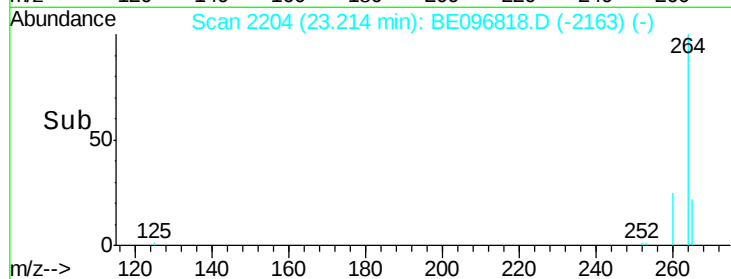
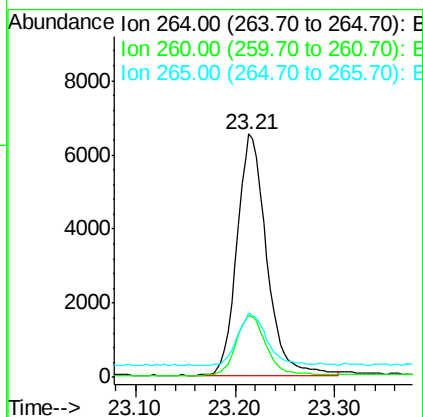
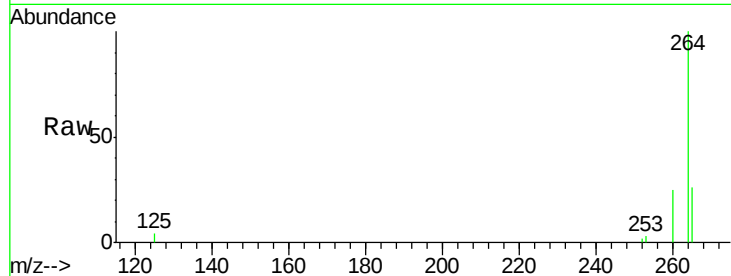




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE096818.D
 Acq: 18 Jun 2018 21:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 13392
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 26.3 22.8 34.2



#38
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng
 RT: 25.53 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BE096818.D
 Acq: 18 Jun 2018 21:02

Tgt Ion:278 Resp: 2
 Ion Ratio Lower Upper
 278 100
 139 138.1 16.0 24.0#
 279 112.7 20.0 30.0#

