

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096311.D
 Acq On : 3 May 2018 1:37
 Operator : SJ/JU
 Sample : J2662-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 03 02:54:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

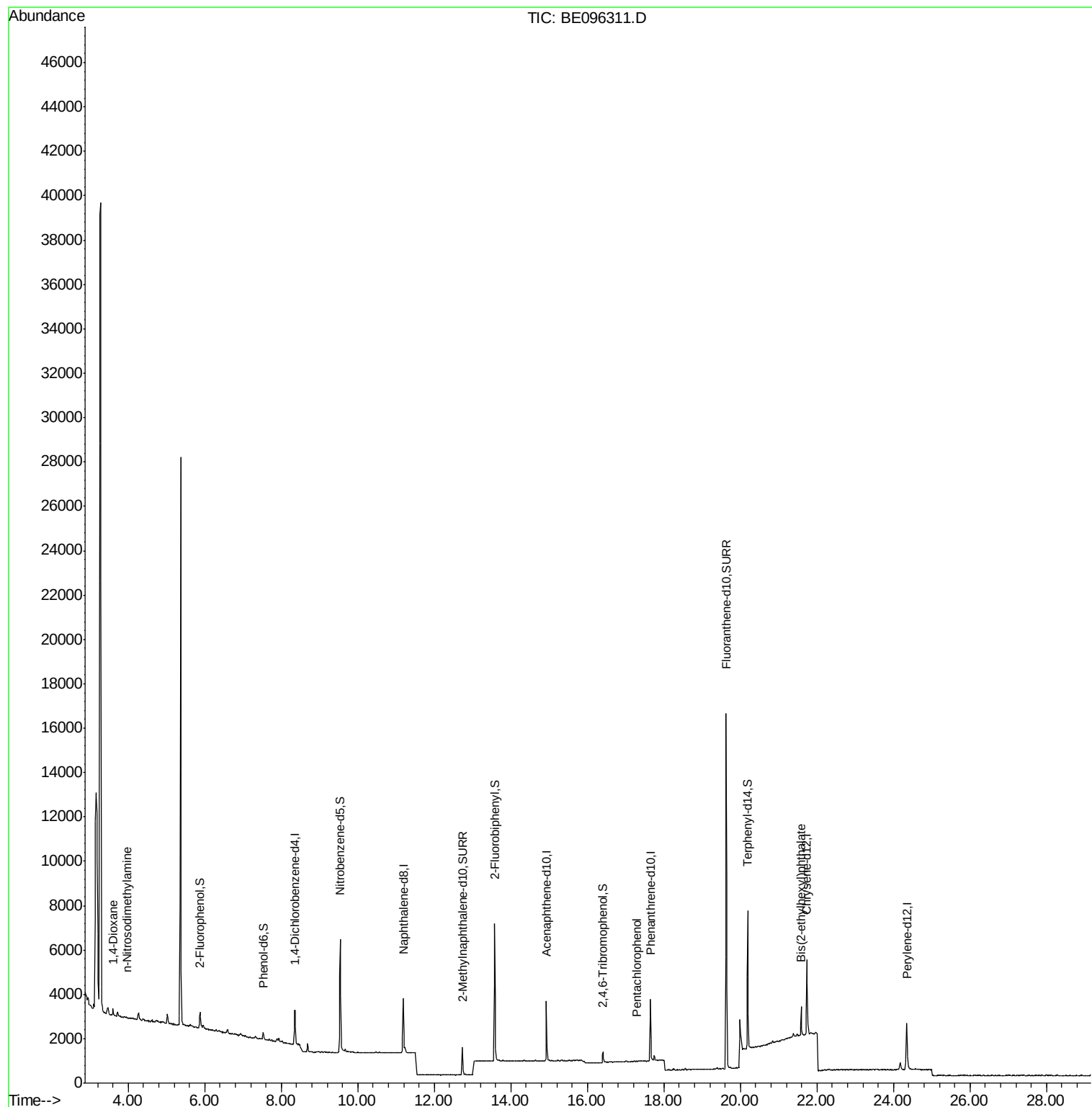
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	843	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3095	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1654	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	3911	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3755	0.40	ng	0.00
34) Perylene-d12	24.35	264	3433	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	405	0.16	ng	0.01
5) Phenol-d6	7.53	99	310	0.09	ng	0.02
8) Nitrobenzene-d5	9.54	82	2094	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1871	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	271	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	5592	0.79	ng	0.00
25) Fluoranthene-d10	19.63	212	20954	0.39	ng	0.00
29) Terphenyl-d14	20.19	244	5747	0.69	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	237	0.182	ng	Qvalue # 63
3) n-Nitrosodimethylamine	3.98	42	33	0.021	ng	# 1
22) Pentachlorophenol	17.29	266	1	0.136	ng	93
32) Bis(2-ethylhexyl)phthalate	21.60	149	1658	0.053	ng	98

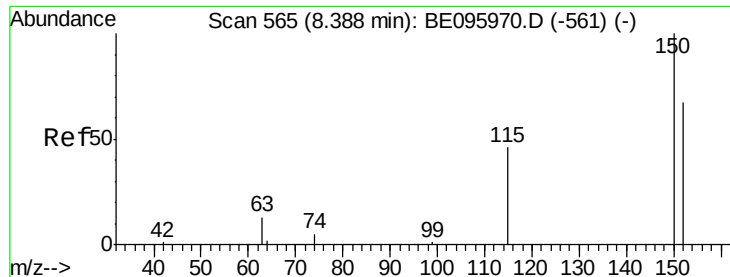
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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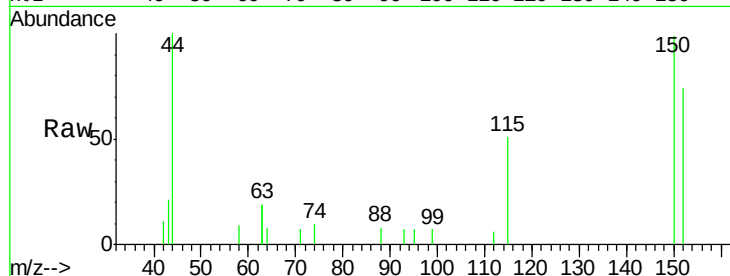


#1

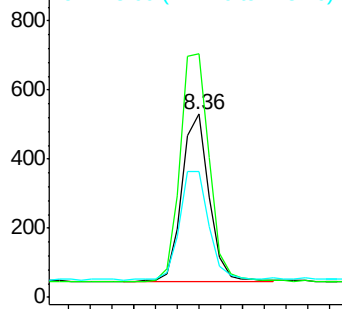
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096311.D
Acq: 3 May 2018 1:37

Instrument :
BNA_E
ClientSampleId :

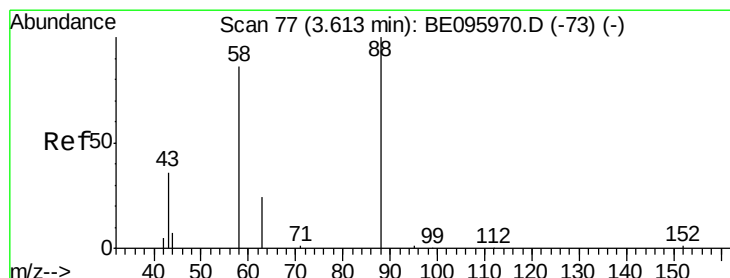
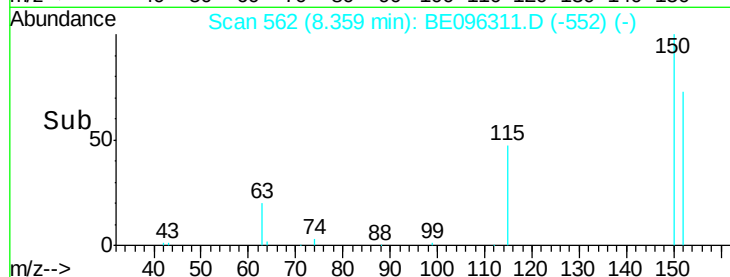
Tot Ion:152 Resp: 843
Ion Ratio Lower Upper
152 100
150 132.8 117.2 175.8
115 68.9 57.0 85.6



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



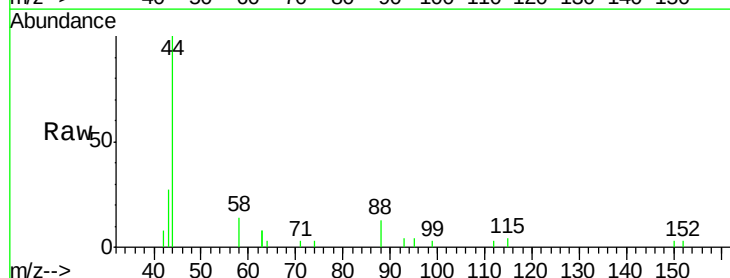
Time-->



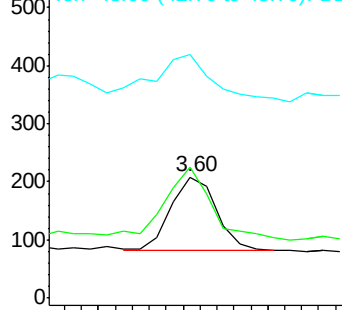
#2

1,4-Dioxane
Concen: 0.182 ng
RT: 3.60 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096311.D
Acq: 3 May 2018 1:37

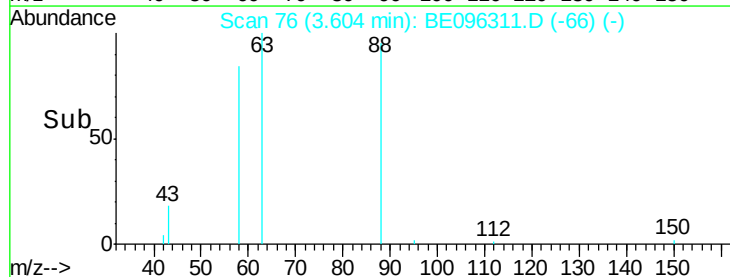
Tgt Ion: 88 Resp: 237
Ion Ratio Lower Upper
88 100
58 104.6 63.2 94.8#
43 85.7 41.2 61.8#

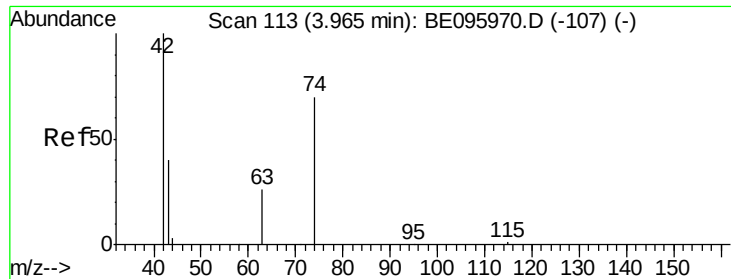


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->

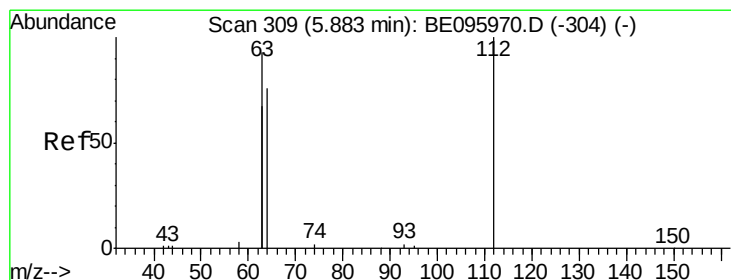
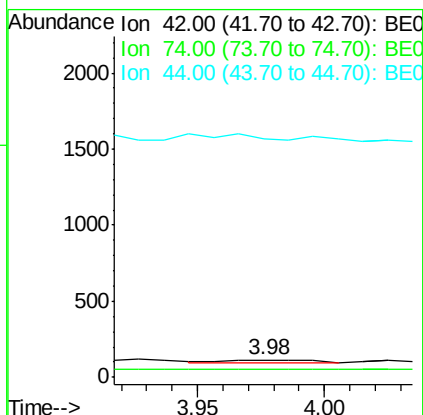
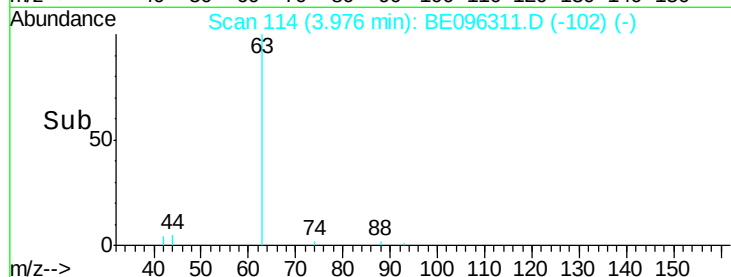
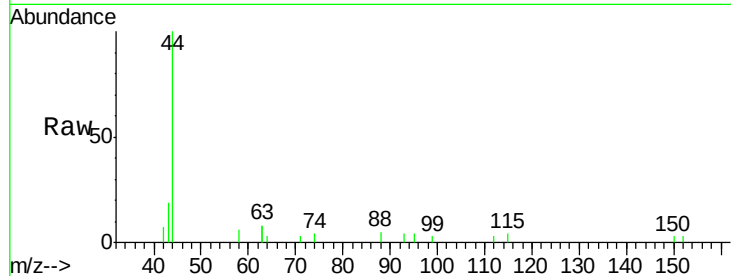




#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.98 min Scan# 114
Delta R.T. 0.02 min
Lab File: BE096311.D
Acq: 3 May 2018 1:37

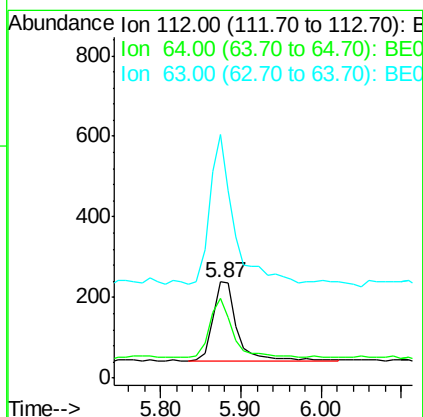
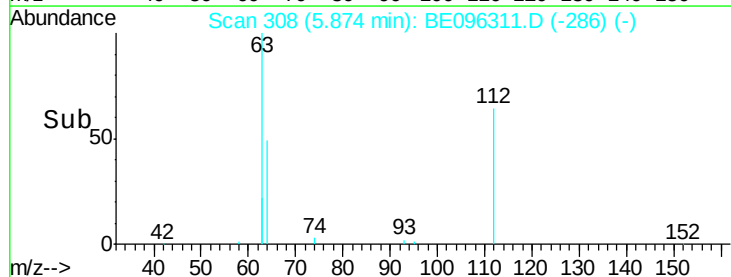
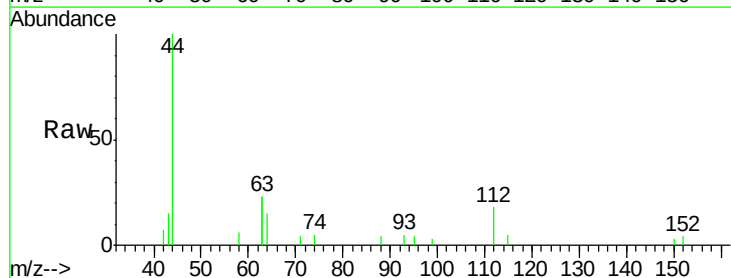
Instrument :
BNA_E
ClientSampleId :

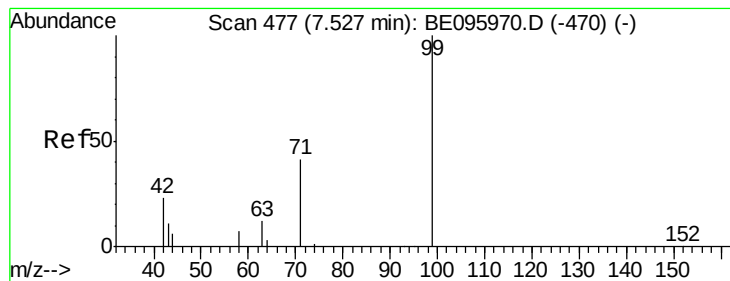
Tot Ion: 42 Resp: 33
Ion Ratio Lower Upper
42 100
74 18.2 96.0 144.0#
44 93.9 12.0 18.0#



#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.87 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096311.D
Acq: 3 May 2018 1:37

Tgt Ion: 112 Resp: 405
Ion Ratio Lower Upper
112 100
64 72.6 60.1 90.1
63 192.3 116.8 175.2#





#5

Phenol-d6

Concen: 0.086 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096311.D

Acq: 3 May 2018 1:37

Instrument :

BNA_E

ClientSampleId :

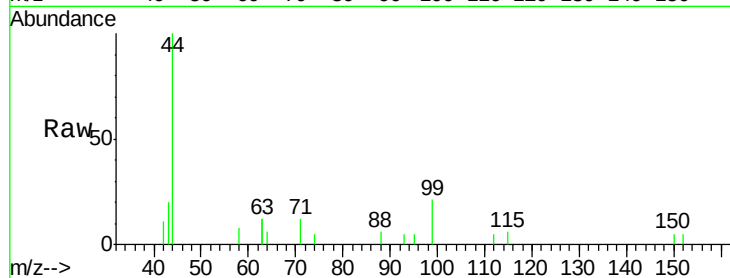
Tot Ion: 99 Resp: 310

Ion Ratio Lower Upper

99 100

42 29.7 20.2 30.2

71 41.6 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

7.53

200

150

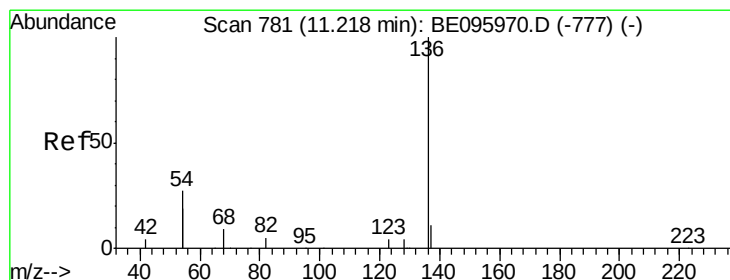
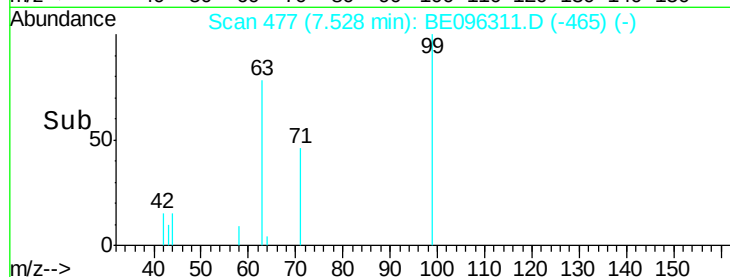
100

50

0

7.45 7.50 7.55 7.60

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096311.D

Acq: 3 May 2018 1:37

Tgt Ion: 136 Resp: 3095

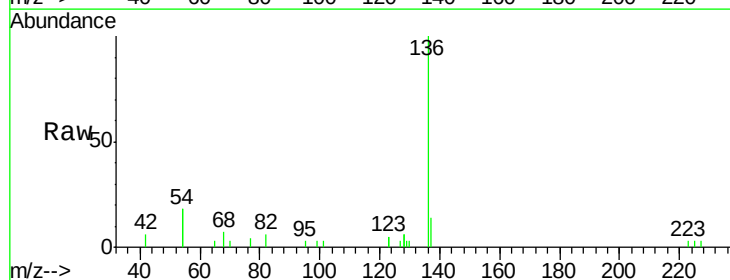
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 36.9 29.1 43.7

68 6.9 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

11.19

2500

2000

1500

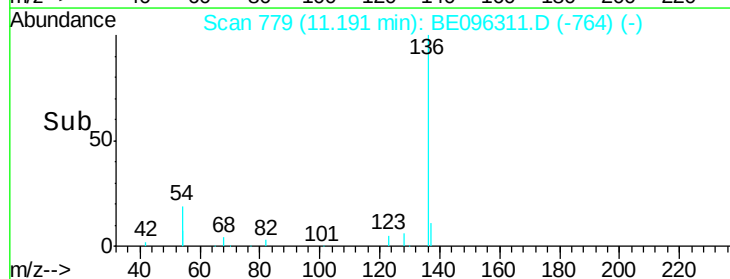
1000

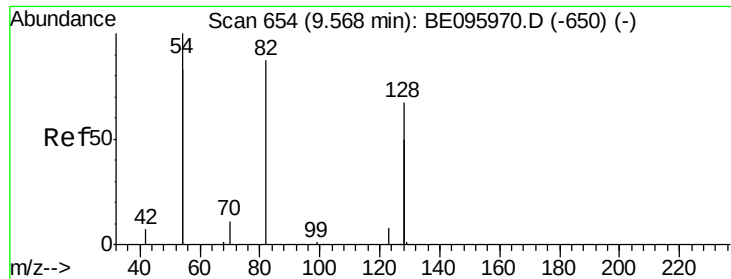
500

0

11.10 11.20 11.30 11.40

Time-->





#8

Nitrobenzene-d5

Concen: 0.577 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096311.D

Acq: 3 May 2018 1:37

Instrument :

BNA_E

ClientSampleId :

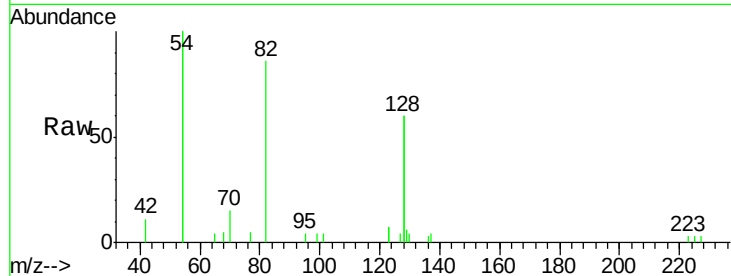
Tot Ion: 82 Resp: 2094

Ion Ratio Lower Upper

82 100

128 138.5 150.0 225.0#

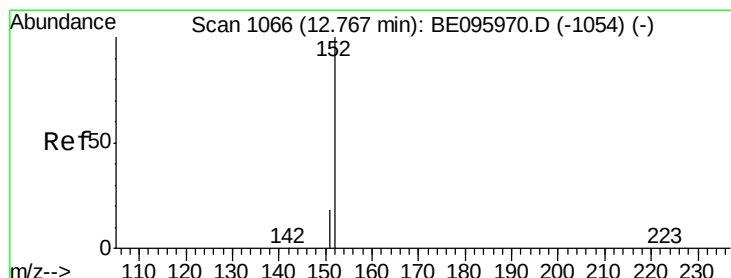
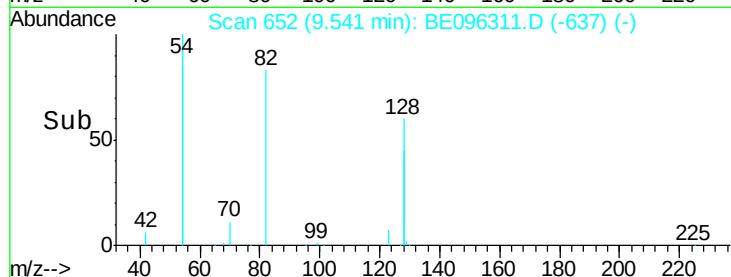
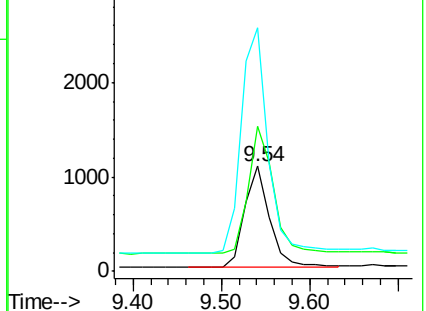
54 231.8 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.381 ng

RT: 12.73 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE096311.D

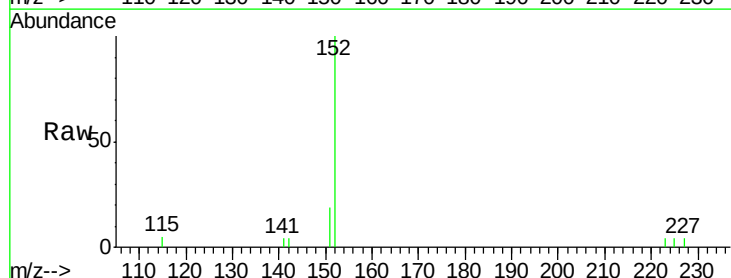
Acq: 3 May 2018 1:37

Tgt Ion: 152 Resp: 1871

Ion Ratio Lower Upper

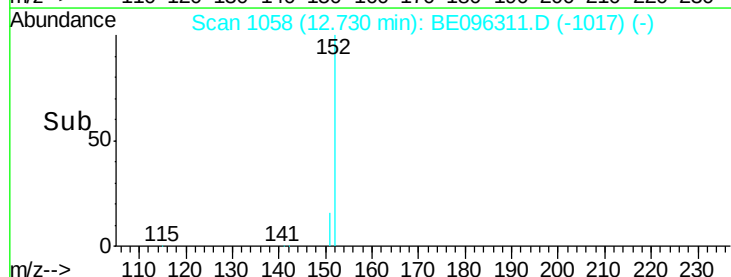
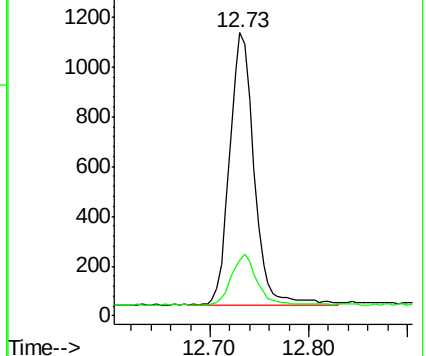
152 100

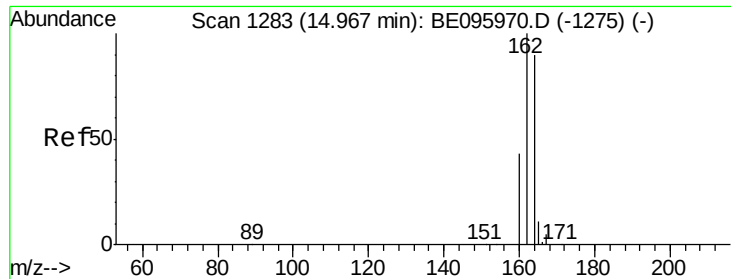
151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.93 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BE096311.D

Acq: 3 May 2018 1:37

Instrument :

BNA_E

ClientSampled :

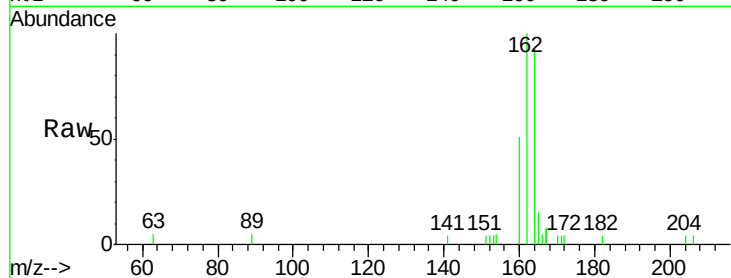
Tot Ion:164 Resp: 1654

Ion Ratio Lower Upper

164 100

162 108.0 83.1 124.7

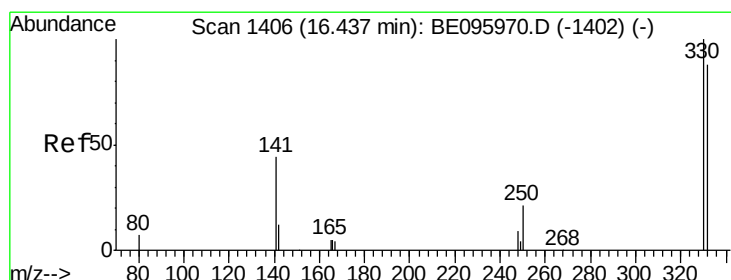
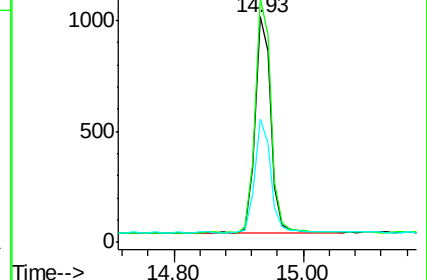
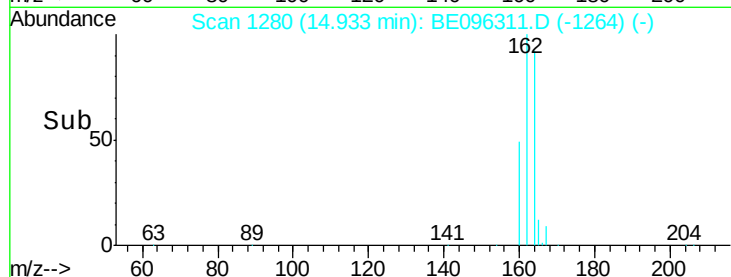
160 54.7 37.1 55.7



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

2,4,6-Tribromophenol

Concen: 0.339 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096311.D

Acq: 3 May 2018 1:37

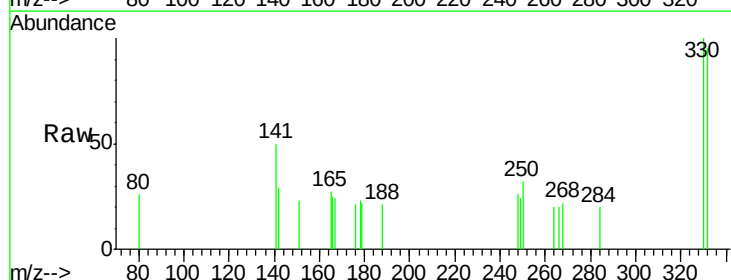
Tgt Ion:330 Resp: 271

Ion Ratio Lower Upper

330 100

332 97.4 152.7 229.1#

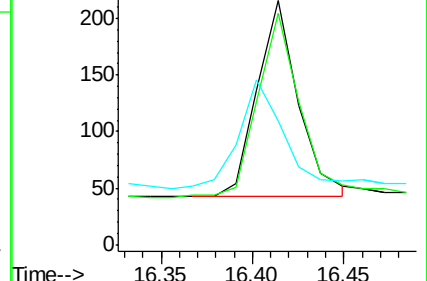
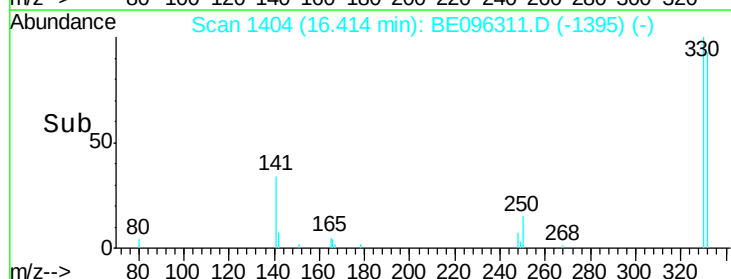
141 60.9 33.7 50.5#

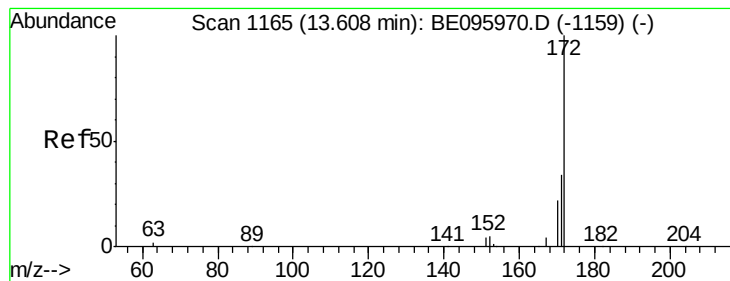


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.790 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096311.D

Acq: 3 May 2018 1:37

Instrument :

BNA_E

ClientSampleId :

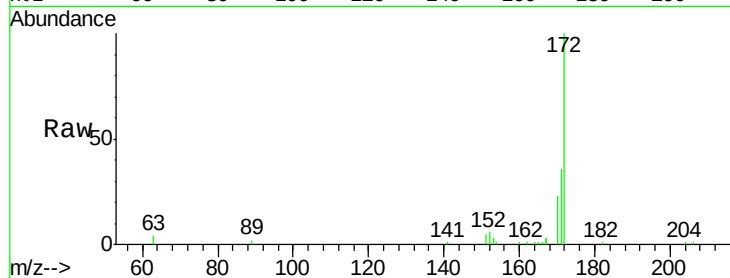
Tot Ion:172 Resp: 5592

Ion Ratio Lower Upper

172 100

171 36.4 29.9 44.9

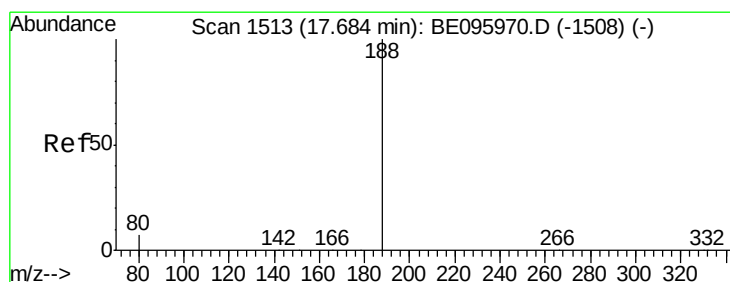
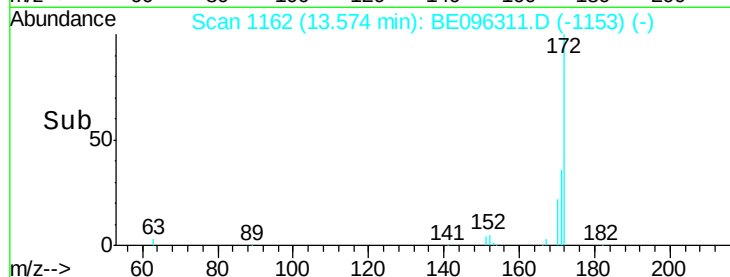
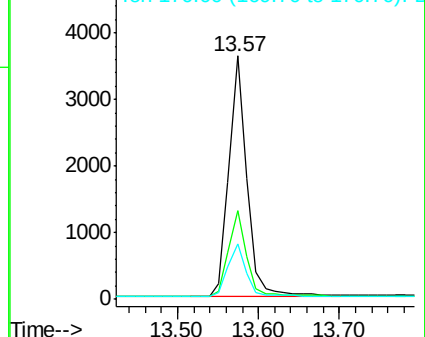
170 22.9 21.8 32.8



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: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096311.D

Acq: 3 May 2018 1:37

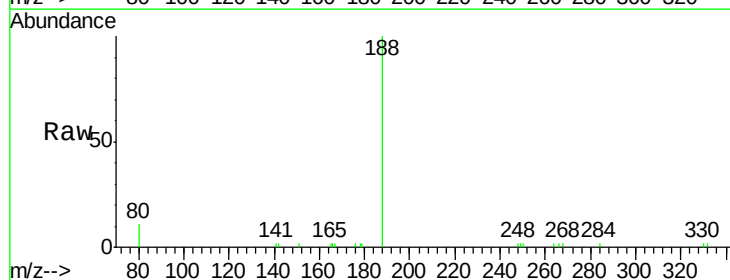
Tgt Ion:188 Resp: 3911

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

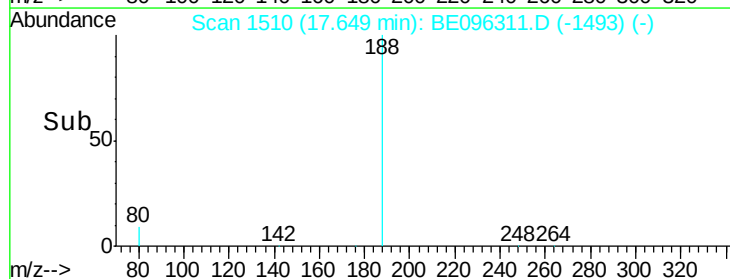
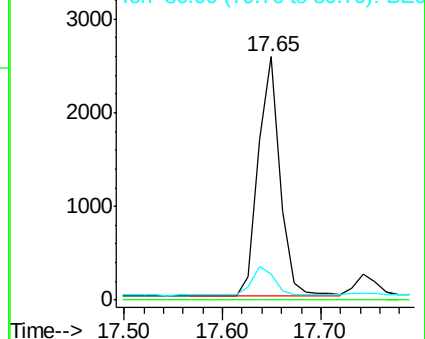
80 10.7 3.6 5.4#

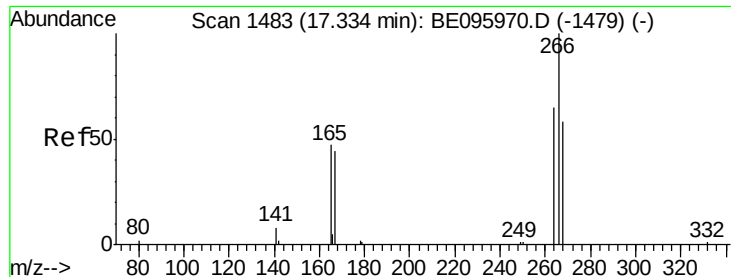


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

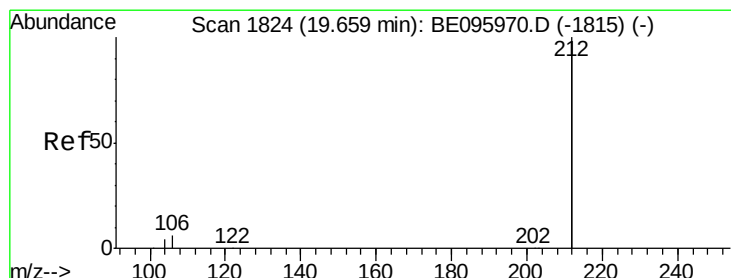
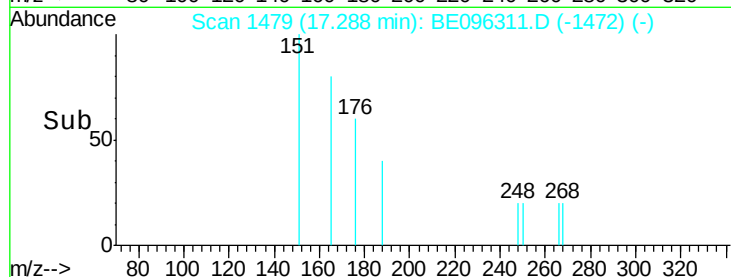
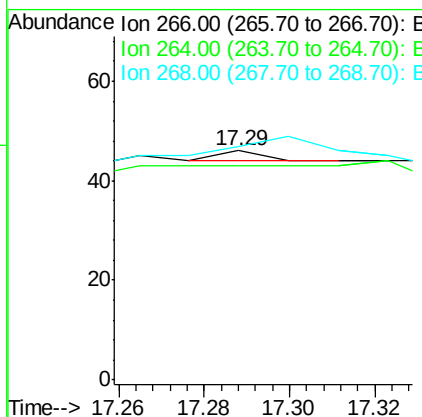
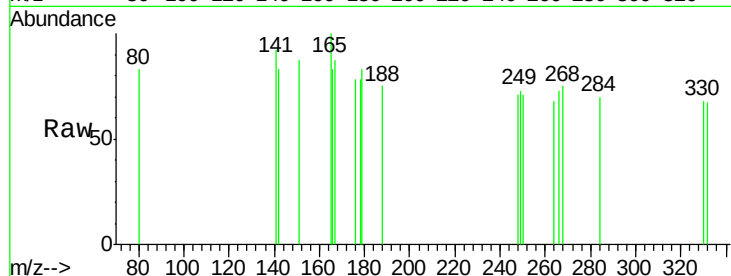




#22
 Pentachlorophenol
 Concen: 0.136 ng
 RT: 17.29 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BE096311.D
 Acq: 3 May 2018 1:37

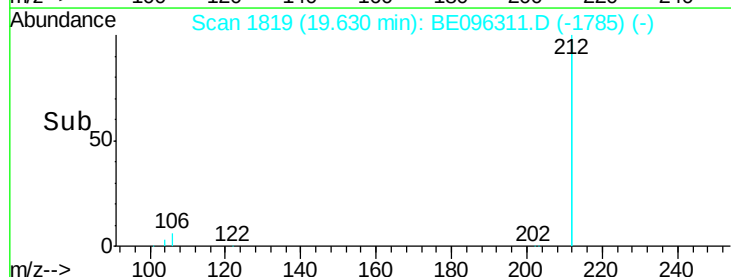
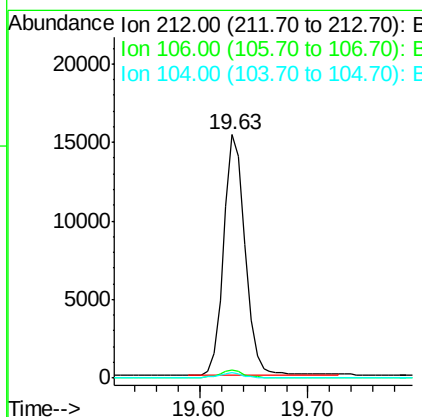
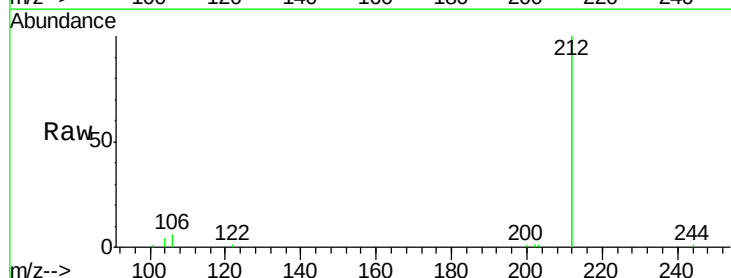
Instrument :
 BNA_E
 ClientSampleId :

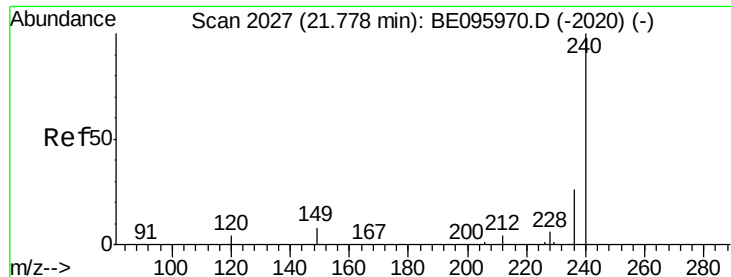
Tot Ion:266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 93.5 72.5 108.7
 268 102.2 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.395 ng
 RT: 19.63 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BE096311.D
 Acq: 3 May 2018 1:37

Tgt Ion:212 Resp: 20954
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096311.D

Acq: 3 May 2018 1:37

Instrument :

BNA_E

ClientSampled :

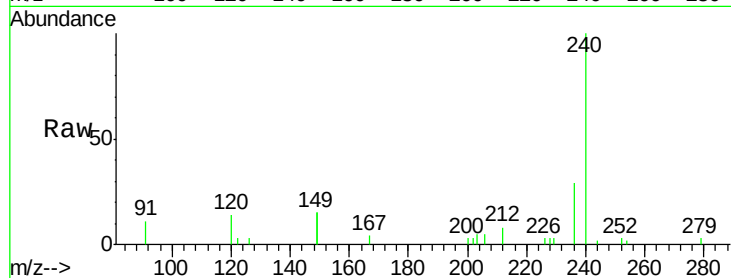
Tot Ion:240 Resp: 3755

Ion Ratio Lower Upper

240 100

120 14.1 5.5 8.3#

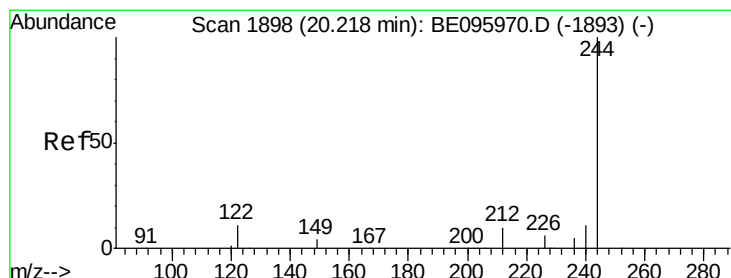
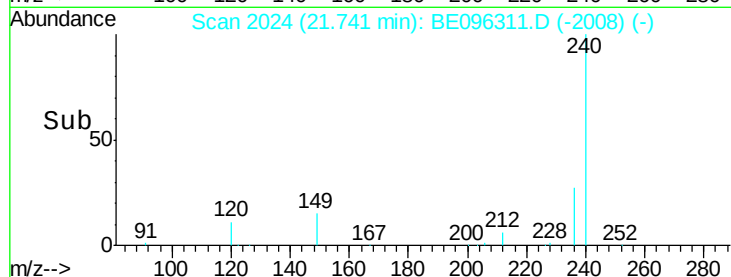
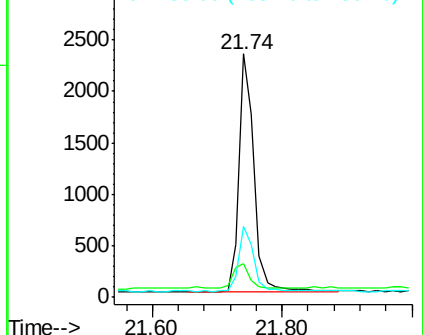
236 29.0 20.7 31.1



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: 0.693 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096311.D

Acq: 3 May 2018 1:37

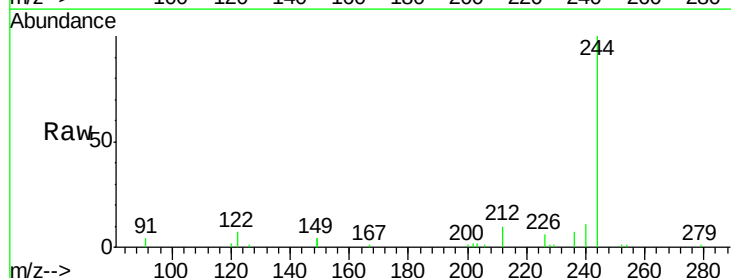
Tgt Ion:244 Resp: 5747

Ion Ratio Lower Upper

244 100

212 9.6 25.4 38.0#

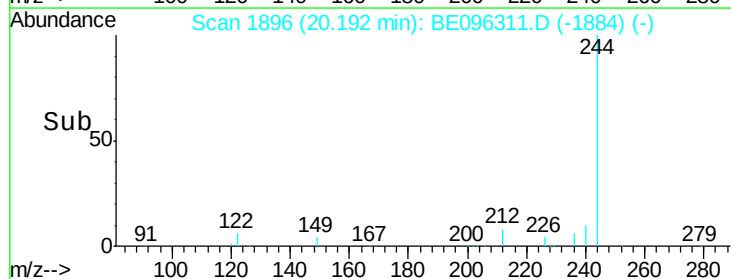
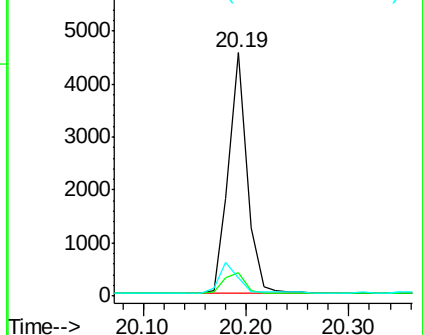
122 7.5 8.1 12.1#

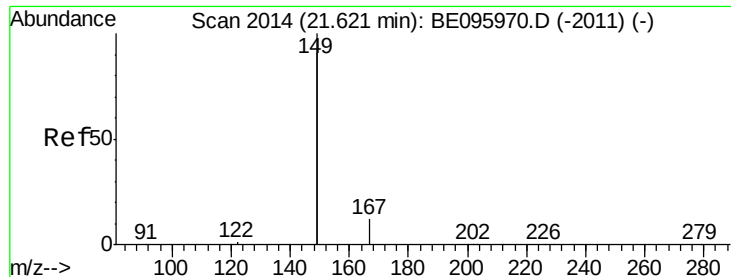


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.053 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096311.D

Acq: 3 May 2018 1:37

Instrument :

BNA_E

ClientSampleId :

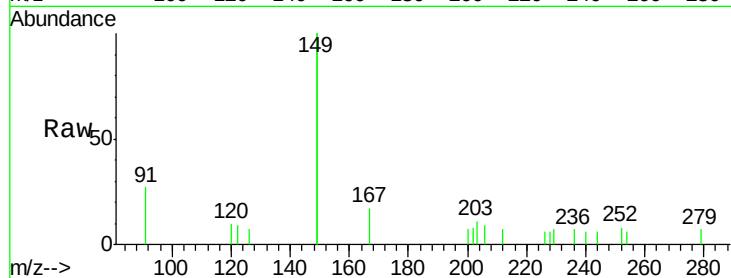
Tot Ion:149 Resp: 1658

Ion Ratio Lower Upper

149 100

167 7.6 5.4 8.0

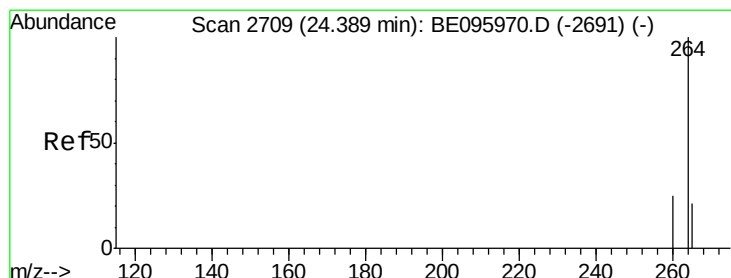
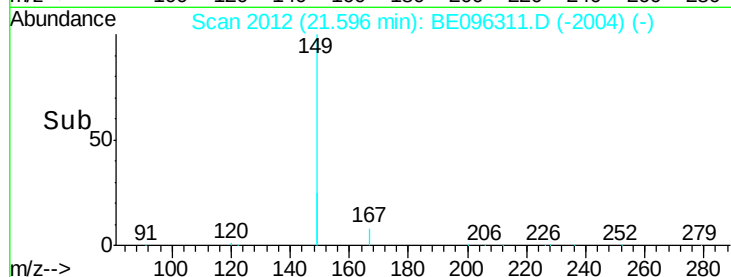
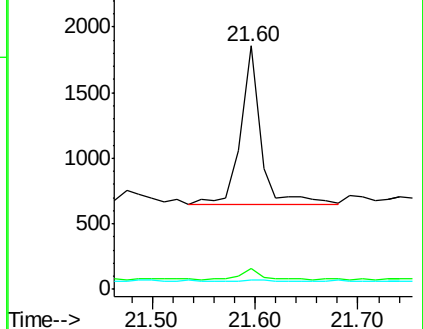
279 1.0 0.7 1.1



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: 24.35 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE096311.D

Acq: 3 May 2018 1:37

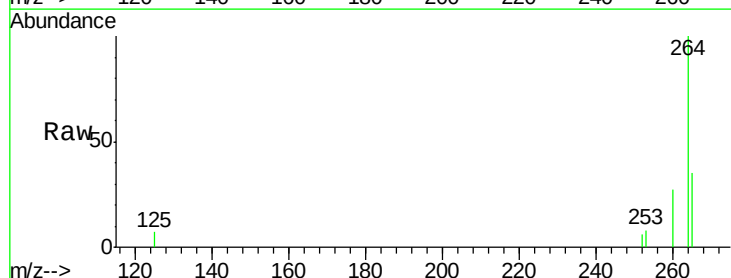
Tgt Ion:264 Resp: 3433

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

265 35.0 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

