

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\
 Data File : BE096235.D
 Acq On : 30 Apr 2018 23:10
 Operator : SJ/JU
 Sample : J2600-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW07-20180424

Quant Time: May 01 05:37:45 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

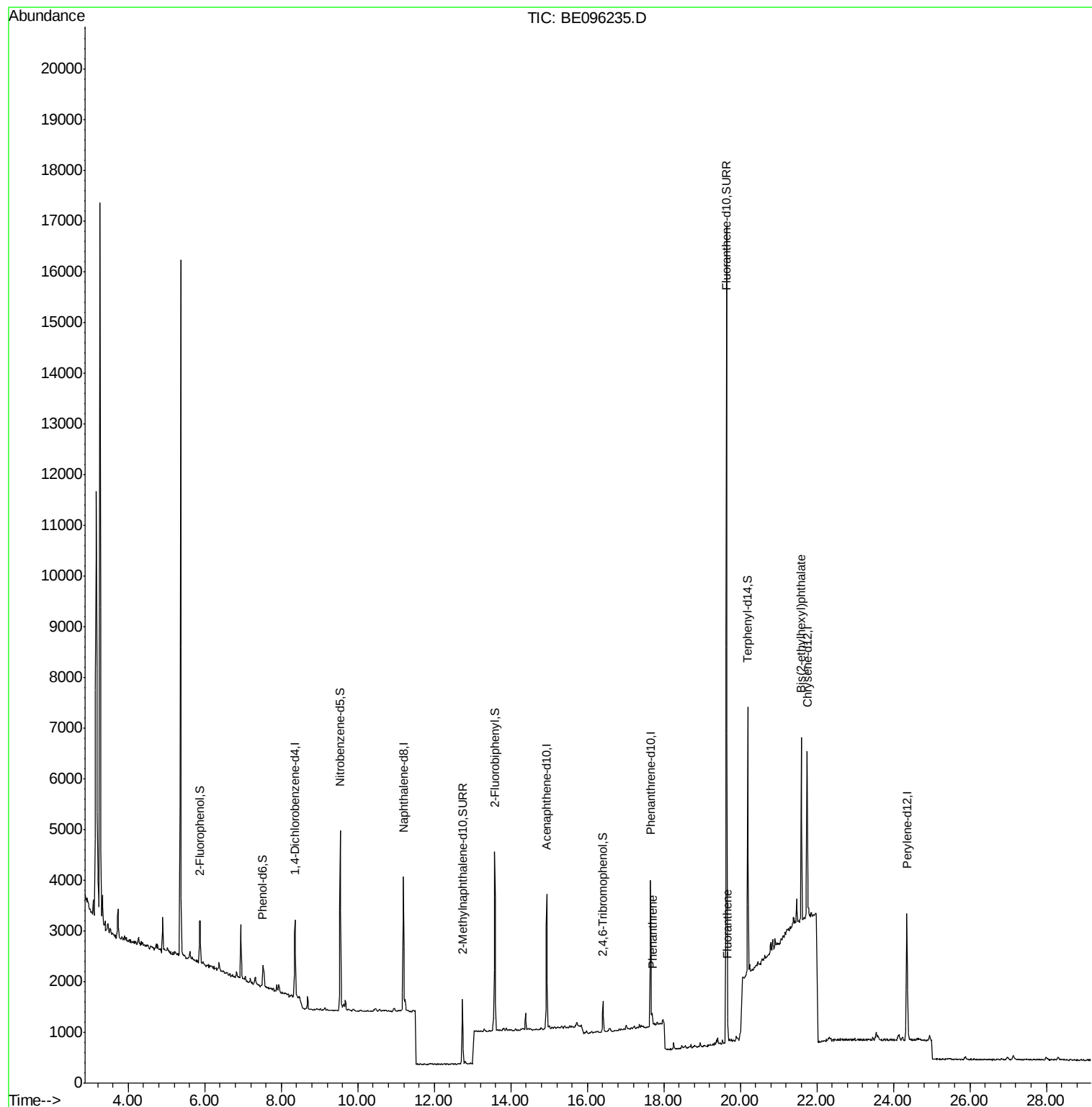
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	773	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2858	0.40	ng	0.00
13) Acenaphthene-d10	14.95	164	1561	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3775	0.40	ng	0.00
27) Chrysene-d12	21.75	240	3795	0.40	ng	0.01
34) Perylene-d12	24.35	264	3750	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	464	0.19	ng	0.01
5) Phenol-d6	7.52	99	402	0.12	ng	0.01
8) Nitrobenzene-d5	9.54	82	1356	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1753	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	323	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3246	0.49	ng	0.00
25) Fluoranthene-d10	19.64	212	20743	0.40	ng	0.00
29) Terphenyl-d14	20.19	244	4641	0.55	ng	0.00
Target Compounds						
23) Phenanthrene	17.70	178	266	0.025	ng	Qvalue # 90
26) Fluoranthene	19.67	202	345	0.025	ng	94
32) Bis(2-ethylhexyl)phthalate	21.60	149	4388	0.140	ng	99

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

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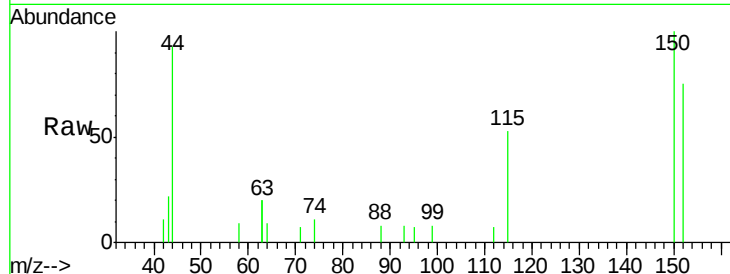


#1

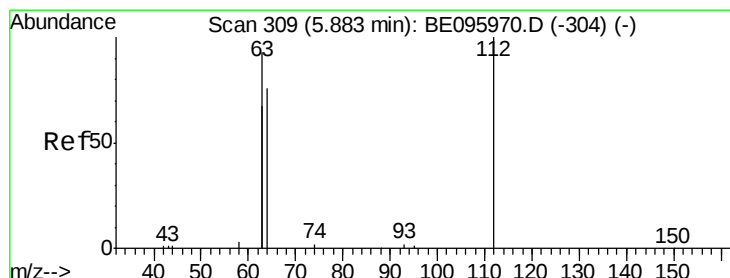
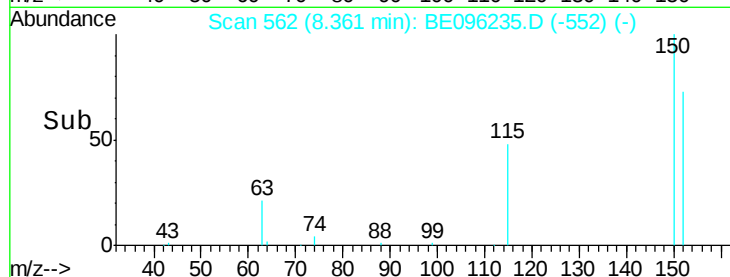
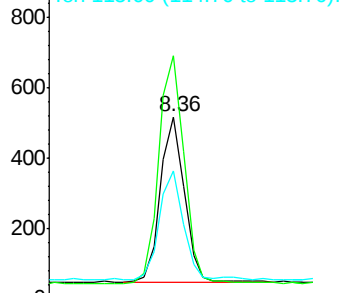
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096235.D
Acq: 30 Apr 2018 23:10

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20180424

Tot Ion:152 Resp: 773
Ion Ratio Lower Upper
152 100
150 133.7 117.2 175.8
115 70.6 57.0 85.6



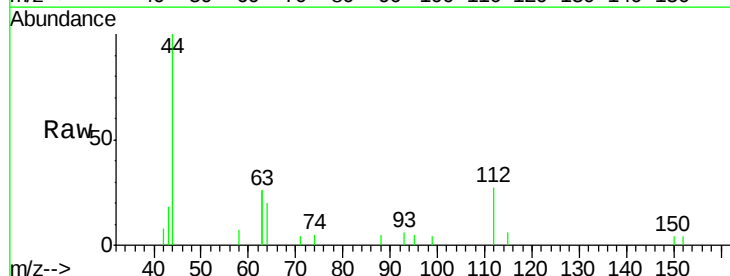
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



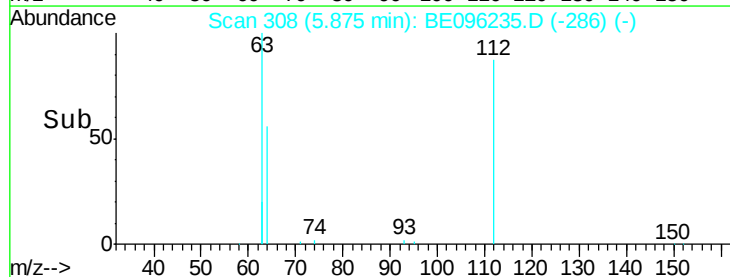
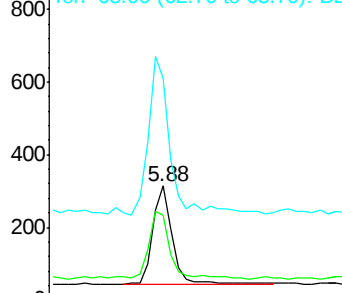
#4

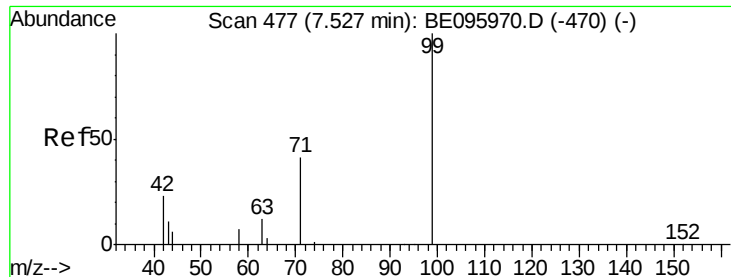
2-Fluorophenol
Concen: 0.194 ng
RT: 5.88 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096235.D
Acq: 30 Apr 2018 23:10

Tgt Ion:112 Resp: 464
Ion Ratio Lower Upper
112 100
64 73.7 60.1 90.1
63 181.3 116.8 175.2#



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: 0.122 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096235.D

Acq: 30 Apr 2018 23:10

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW07-20180424

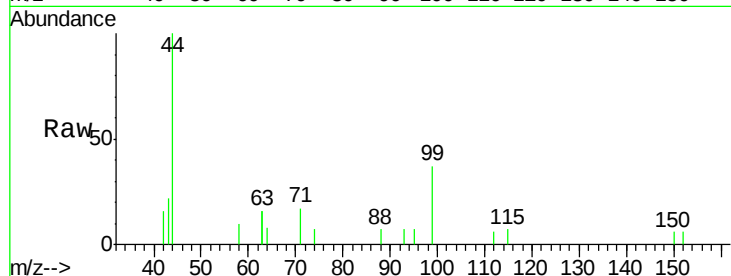
Tot Ion: 99 Resp: 402

Ion Ratio Lower Upper

99 100

42 30.1 20.2 30.2

71 42.3 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

7.52

300

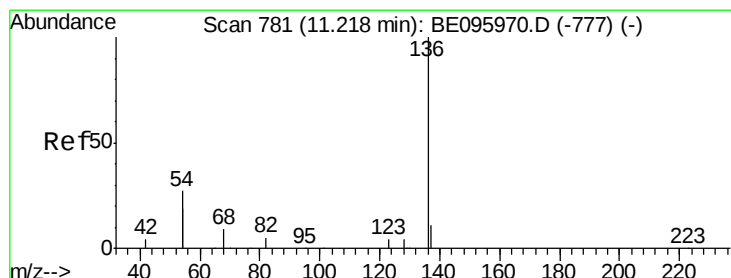
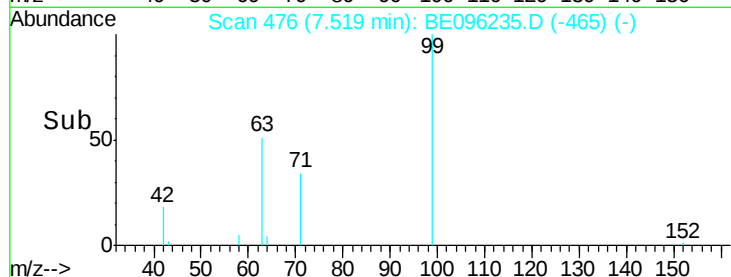
200

100

0

7.40 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: BE096235.D

Acq: 30 Apr 2018 23:10

Tgt Ion: 136 Resp: 2858

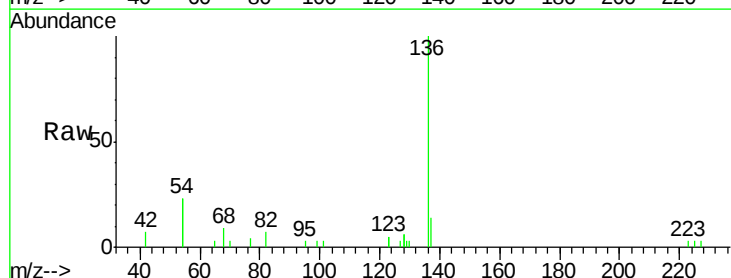
Ion Ratio Lower Upper

136 100

137 14.0 9.5 14.3

54 45.5 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

11.19

2500

2000

1500

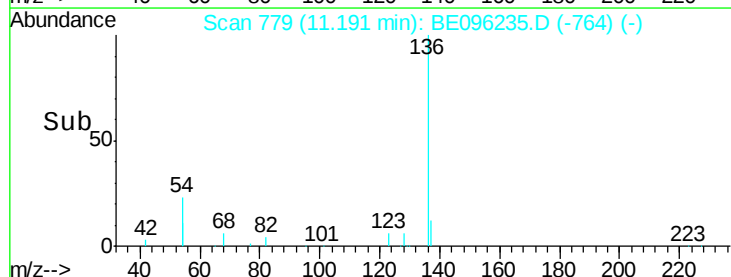
1000

500

0

11.10 11.20 11.30 11.40

Time-->





#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096235.D

Acq: 30 Apr 2018 23:10

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW07-20180424

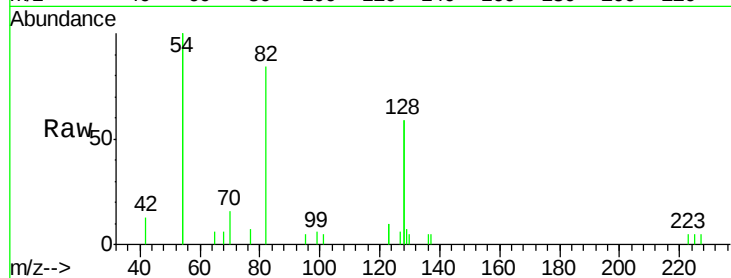
Tot Ion: 82 Resp: 1356

Ion Ratio Lower Upper

82 100

128 141.7 150.0 225.0#

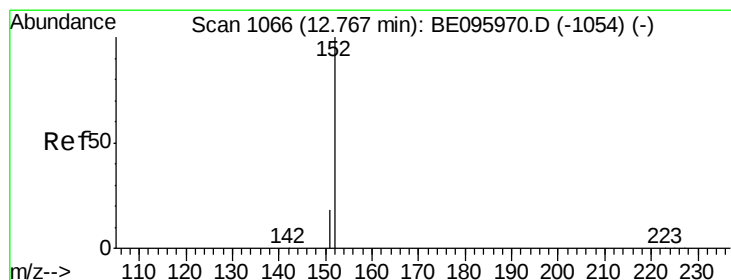
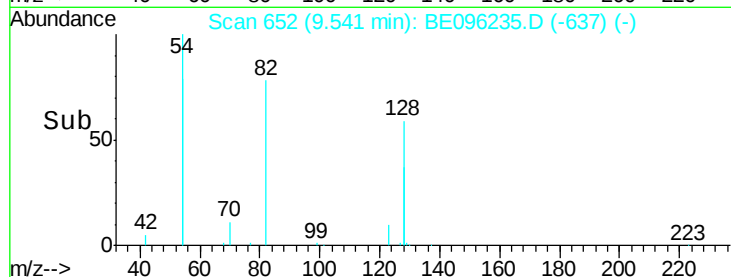
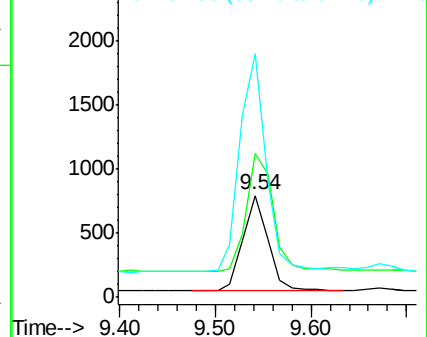
54 239.4 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.74 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE096235.D

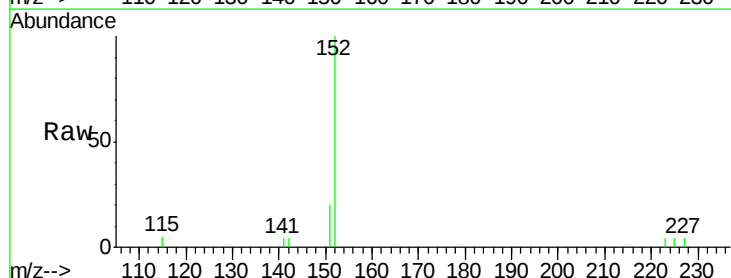
Acq: 30 Apr 2018 23:10

Tgt Ion: 152 Resp: 1753

Ion Ratio Lower Upper

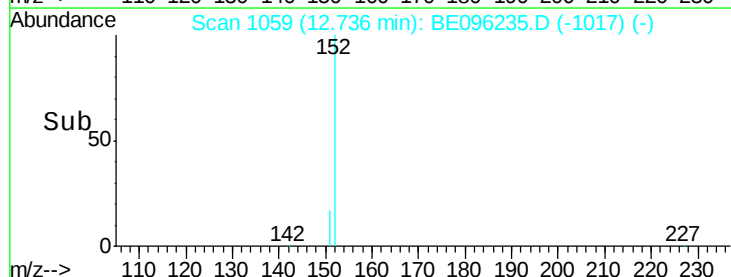
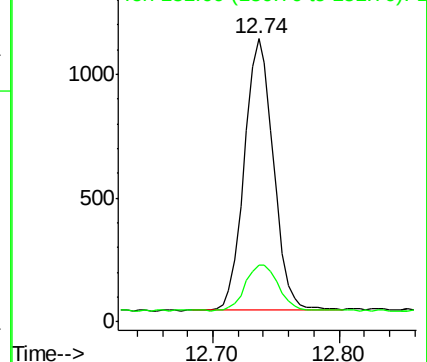
152 100

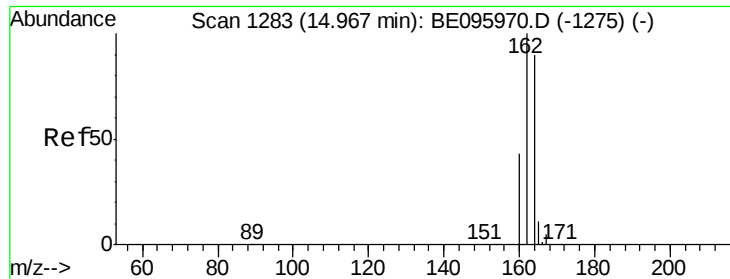
151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095970.D (-1054) (-)

Ion 151.00 (150.70 to 151.70): BE095970.D (-1054) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.95 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096235.D

Acq: 30 Apr 2018 23:10

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW07-20180424

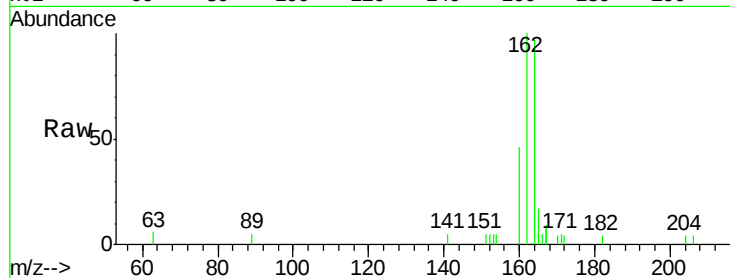
Tot Ion:164 Resp: 1561

Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

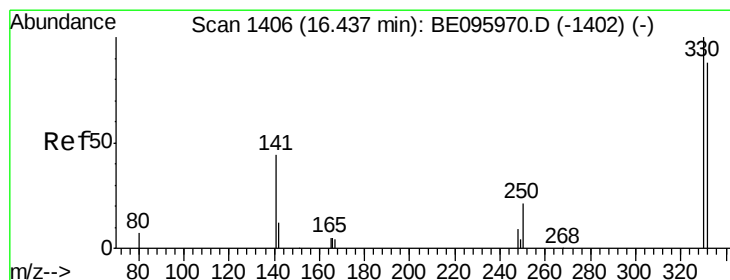
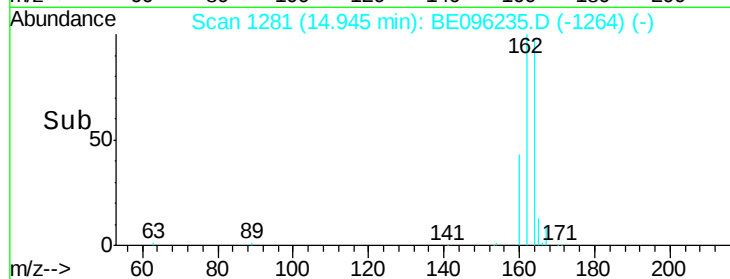
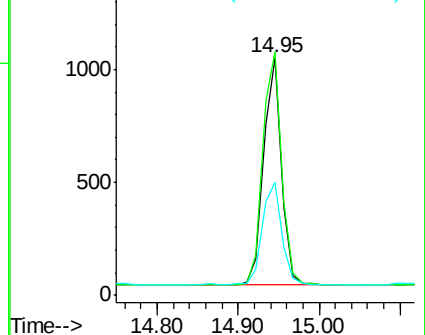
160 47.5 37.1 55.7



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: 0.428 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096235.D

Acq: 30 Apr 2018 23:10

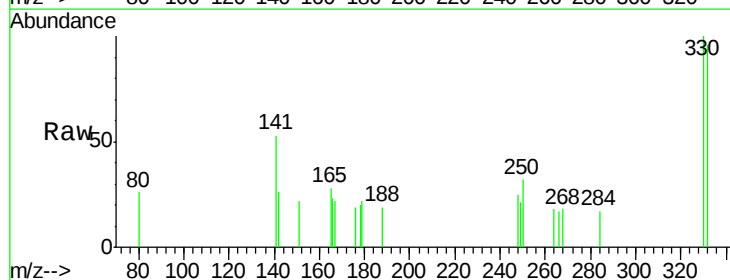
Tgt Ion:330 Resp: 323

Ion Ratio Lower Upper

330 100

332 97.8 152.7 229.1#

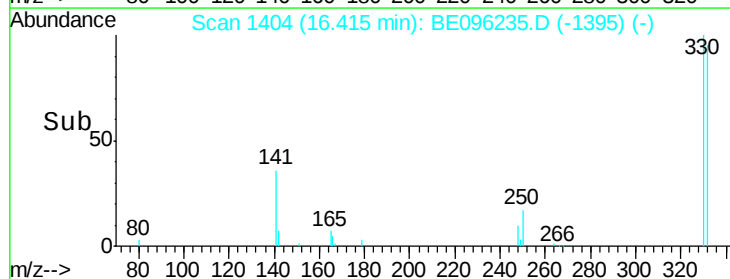
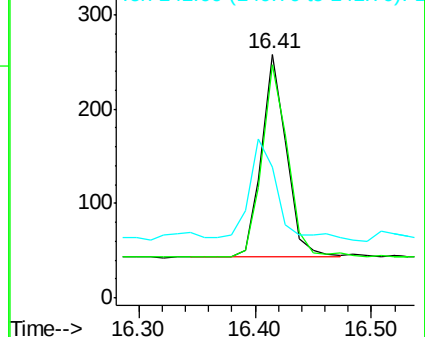
141 50.2 33.7 50.5

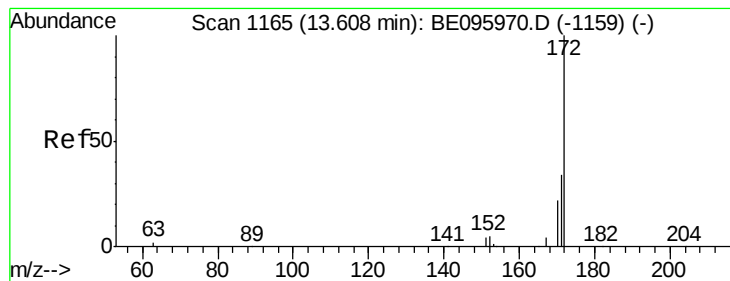


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.486 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096235.D

Acq: 30 Apr 2018 23:10

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW07-20180424

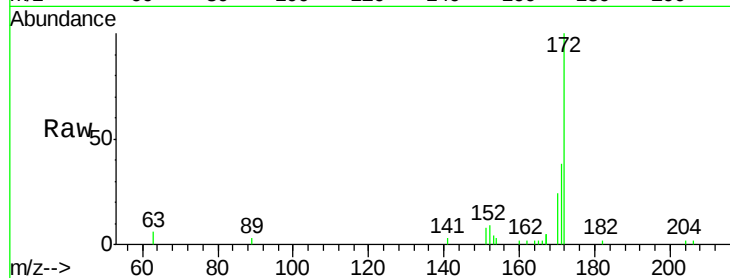
Tot Ion:172 Resp: 3246

Ion Ratio Lower Upper

172 100

171 37.8 29.9 44.9

170 24.4 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

2500

2000

1500

1000

500

0

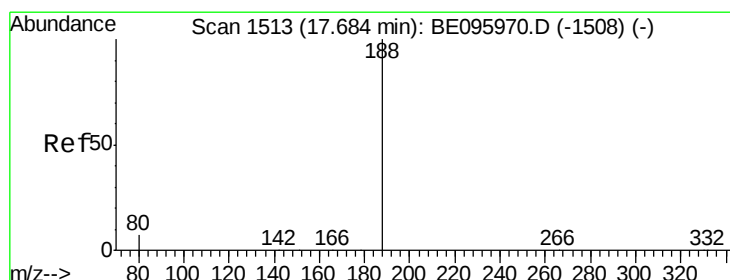
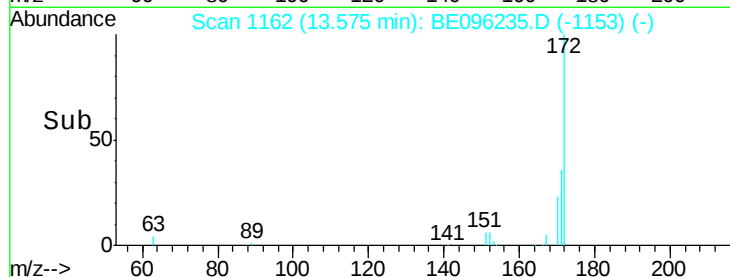
13.57

13.50

13.60

13.70

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096235.D

Acq: 30 Apr 2018 23:10

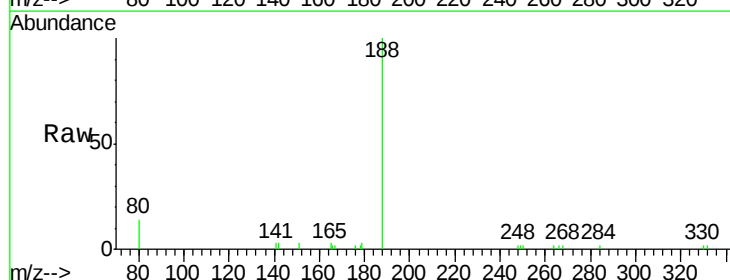
Tgt Ion:188 Resp: 3775

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 13.8 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

3000

2000

1000

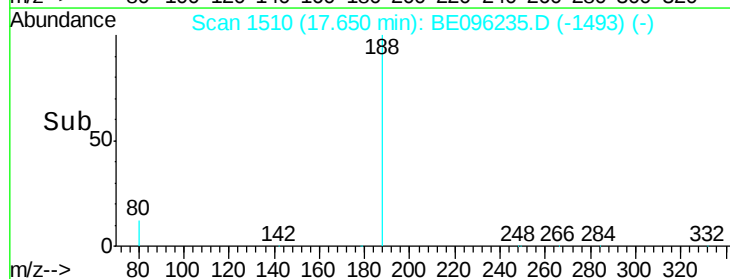
0

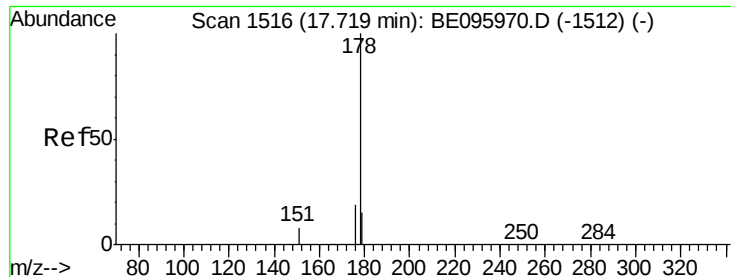
17.65

17.60

17.70

Time-->





#23

Phenanthrene

Concen: 0.025 ng

RT: 17.70 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BE096235.D

Acq: 30 Apr 2018 23:10

Instrument :

BNA_E

ClientSampleId :

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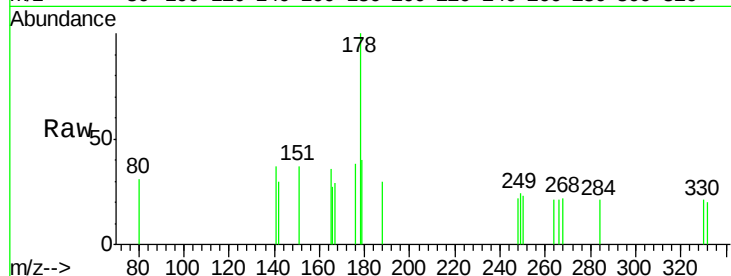
Tot Ion:178 Resp: 266

Ion Ratio Lower Upper

178 100

176 25.2 15.1 22.7#

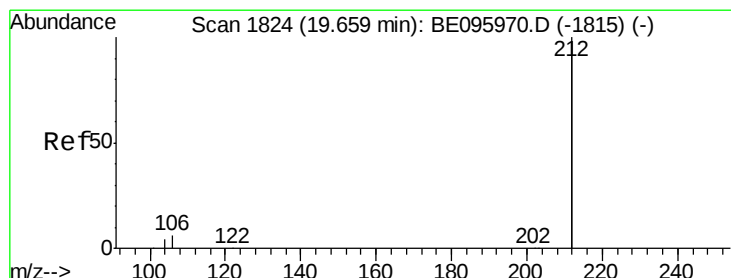
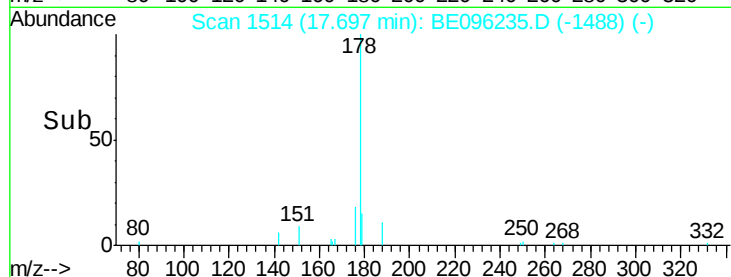
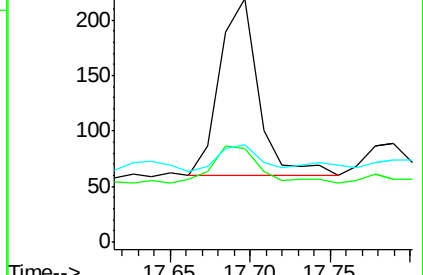
179 16.9 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096235.D

Acq: 30 Apr 2018 23:10

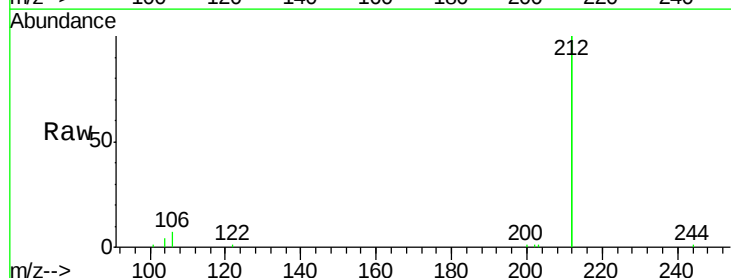
Tgt Ion:212 Resp: 20743

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

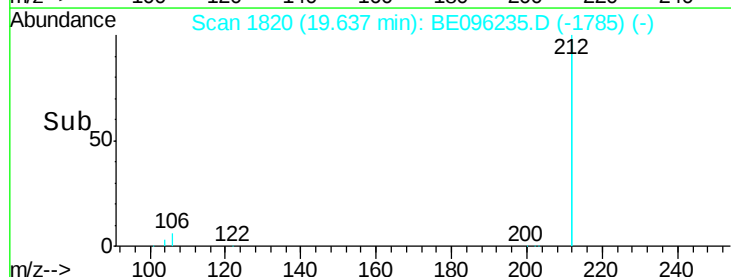
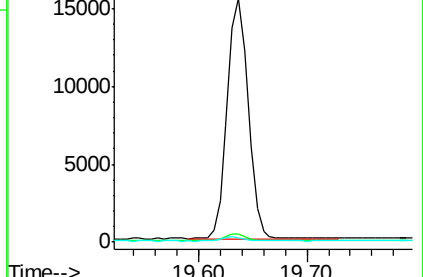
104 1.8 1.6 2.4

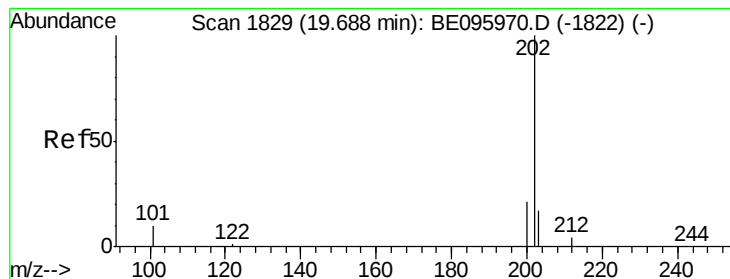


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.025 ng

RT: 19.67 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE096235.D

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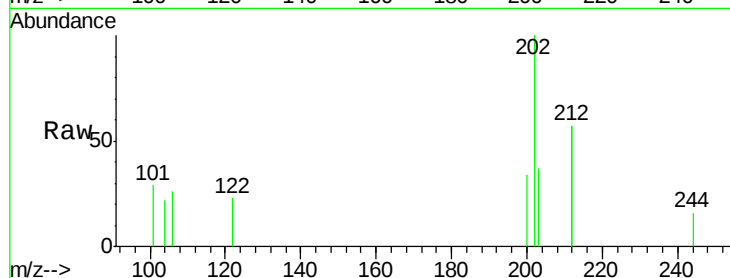
Tot Ion:202 Resp: 345

Ion Ratio Lower Upper

202 100

101 13.9 9.8 14.8

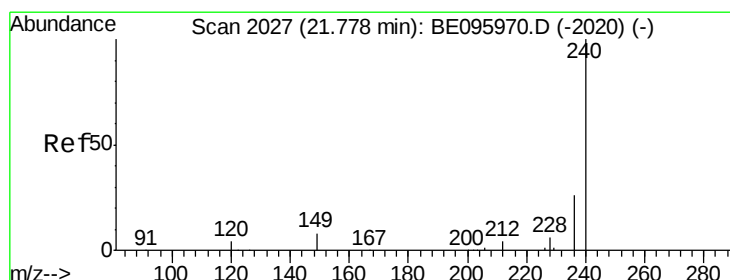
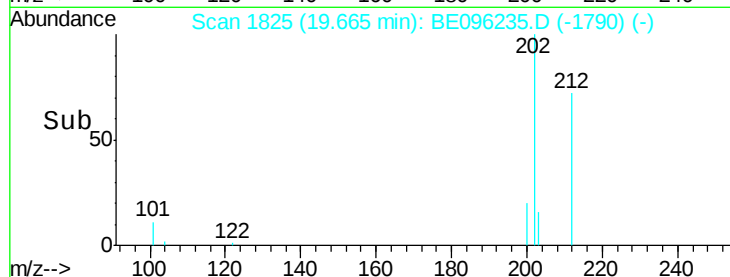
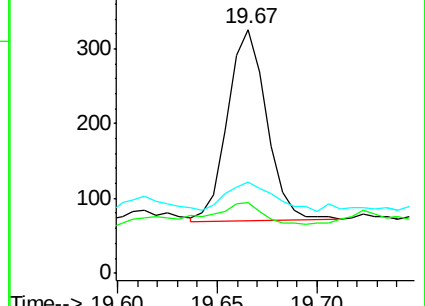
203 20.0 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096235.D

Acq: 30 Apr 2018 23:10

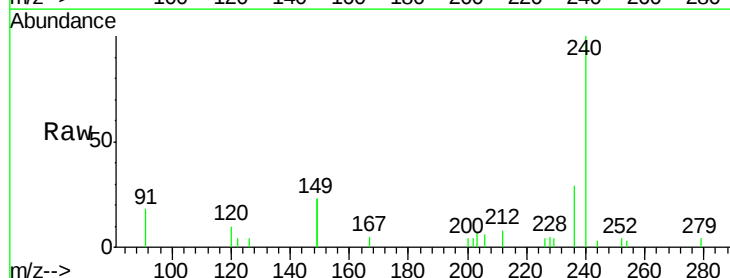
Tgt Ion:240 Resp: 3795

Ion Ratio Lower Upper

240 100

120 9.5 5.5 8.3#

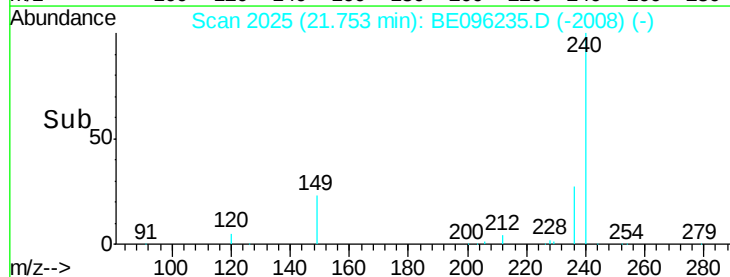
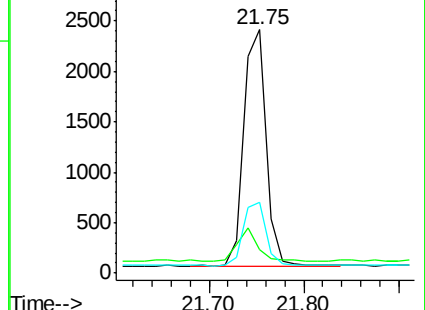
236 29.0 20.7 31.1

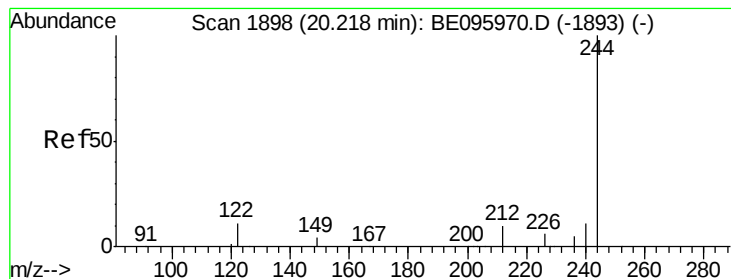


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.554 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096235.D

Acq: 30 Apr 2018 23:10

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW07-20180424

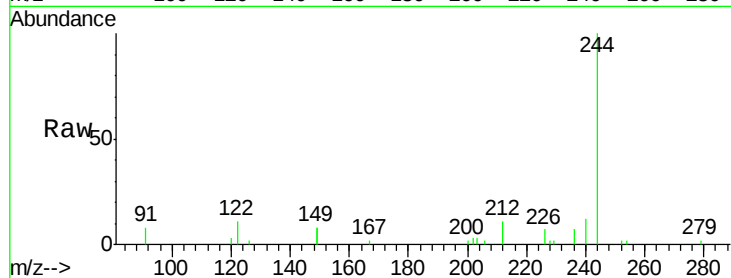
Tot Ion:244 Resp: 4641

Ion Ratio Lower Upper

244 100

212 11.1 25.4 38.0#

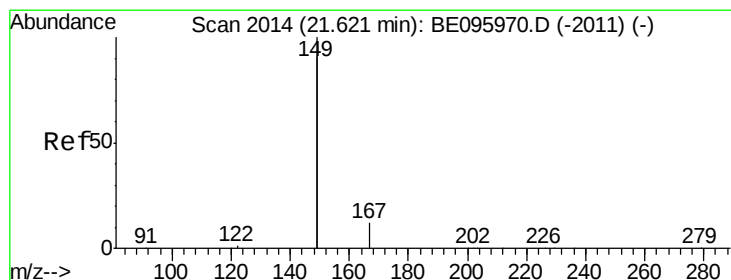
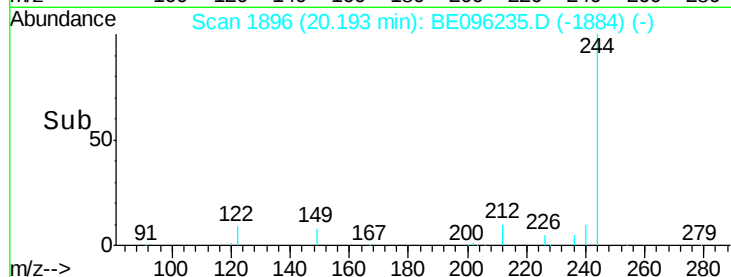
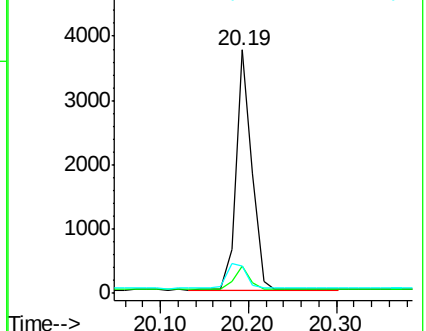
122 11.0 8.1 12.1



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: 0.140 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096235.D

Acq: 30 Apr 2018 23:10

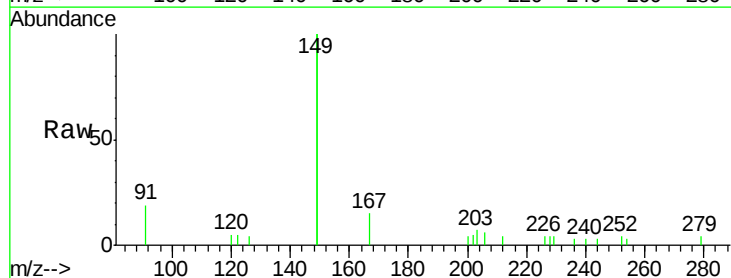
Tgt Ion:149 Resp: 4388

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

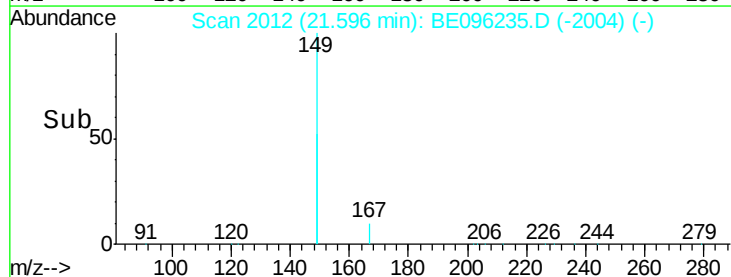
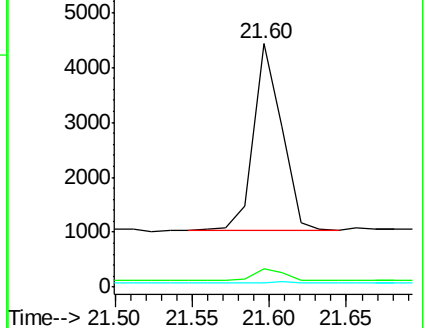
279 1.0 0.7 1.1

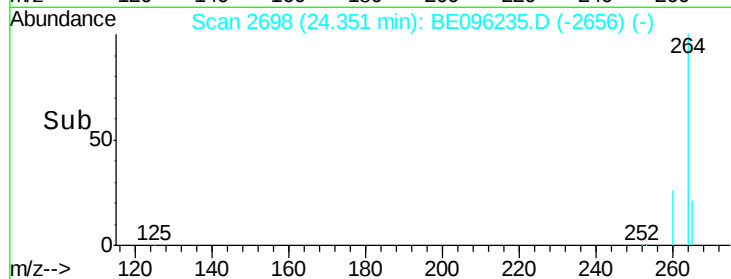
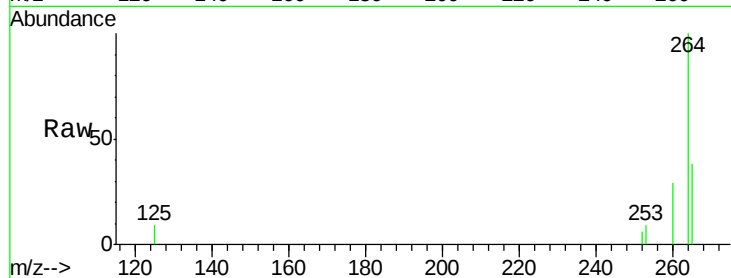


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.35 min Scan# 2698
 Delta R.T. -0.00 min
 Lab File: BE096235.D
 Acq: 30 Apr 2018 23:10

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW07-20180424

Tot Ion: 264 Resp: 3750
 Ion Ratio Lower Upper
 264 100
 260 28.6 20.5 30.7
 265 37.9 22.8 34.2

