

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\
 Data File : BE096234.D
 Acq On : 30 Apr 2018 22:34
 Operator : SJ/JU
 Sample : J2600-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20180424

Quant Time: May 01 05:36:45 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

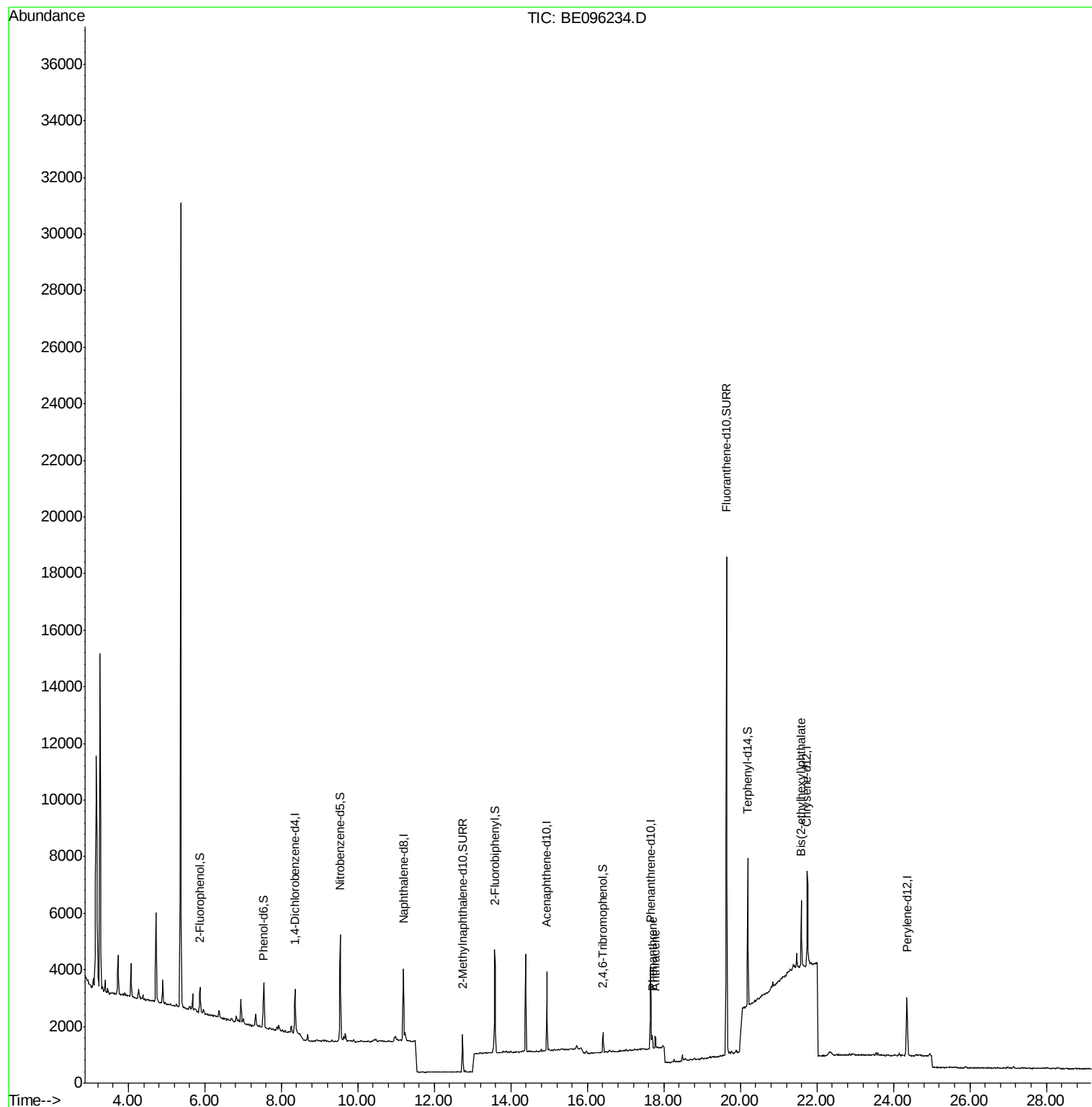
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	748	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2780	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1551	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3690	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3759	0.40	ng	0.00
34) Perylene-d12	24.35	264	3126	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	444	0.19	ng	0.00
5) Phenol-d6	7.52	99	383	0.12	ng	0.00
8) Nitrobenzene-d5	9.54	82	1437	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1825	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	364	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3428	0.52	ng	0.00
25) Fluoranthene-d10	19.64	212	21577	0.43	ng	0.00
29) Terphenyl-d14	20.19	244	4559	0.55	ng	0.00
Target Compounds						
23) Phenanthrene	17.70	178	462	0.045	ng	Qvalue 96
24) Anthracene	17.78	178	510	0.051	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.60	149	2722	0.087	ng	# 98

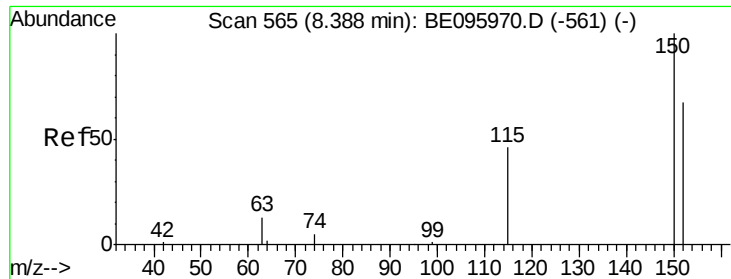
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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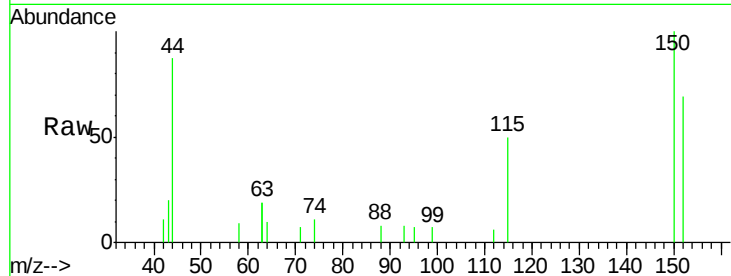


#1

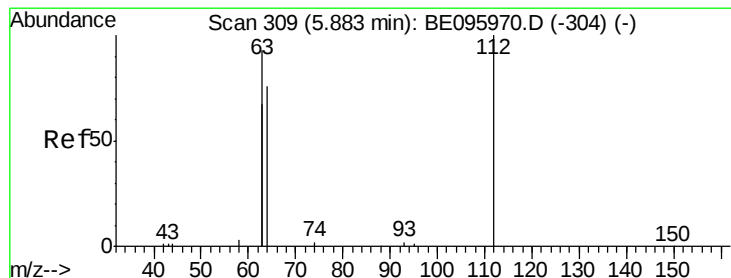
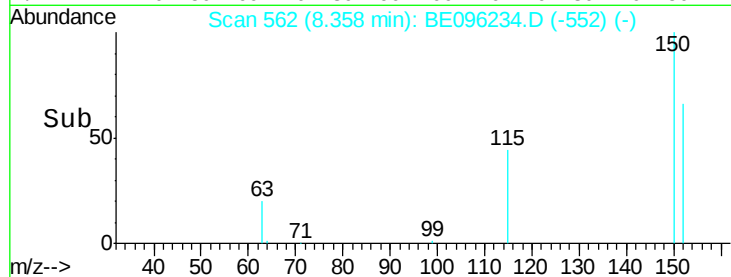
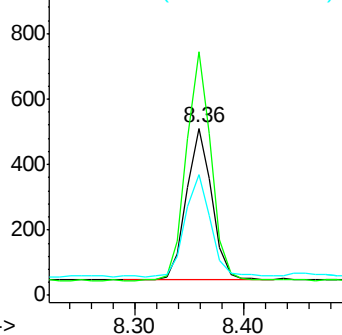
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096234.D
Acq: 30 Apr 2018 22:34

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW06-20180424

Tot Ion:152 Resp: 748
Ion Ratio Lower Upper
152 100
150 145.6 117.2 175.8
115 72.2 57.0 85.6



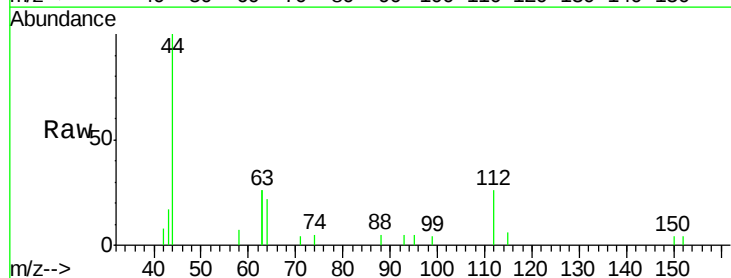
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



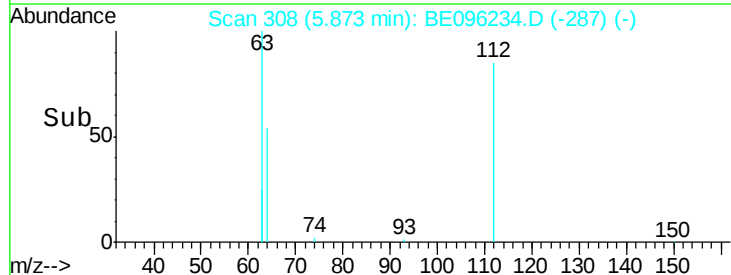
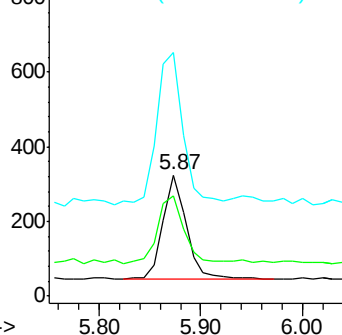
#4

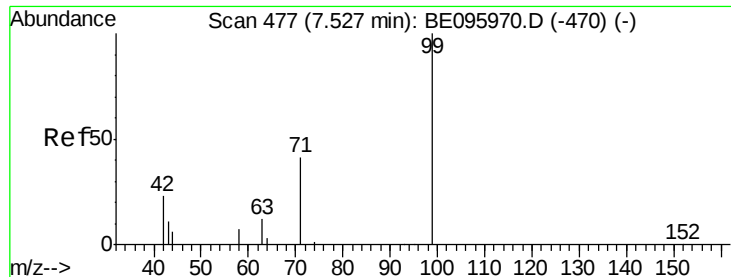
2-Fluorophenol
Concen: 0.192 ng
RT: 5.87 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096234.D
Acq: 30 Apr 2018 22:34

Tgt Ion:112 Resp: 444
Ion Ratio Lower Upper
112 100
64 72.1 60.1 90.1
63 167.1 116.8 175.2



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: 0.120 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

Instrument :

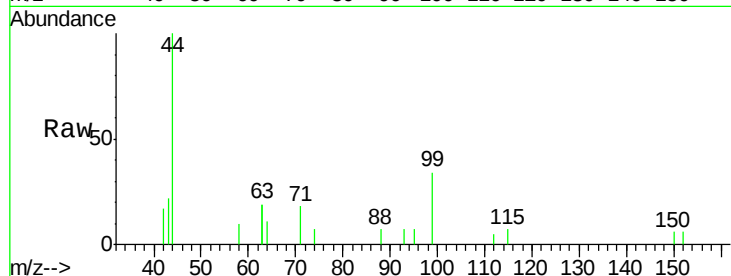
BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180424

Tot Ion: 99 Resp: 383

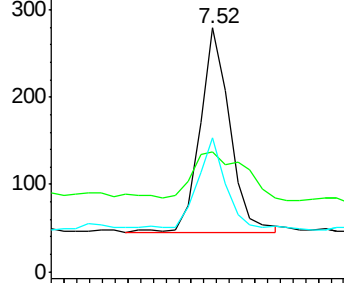
Ion	Ratio	Lower	Upper
99	100		
42	36.6	20.2	30.2#
71	40.5	28.4	42.6



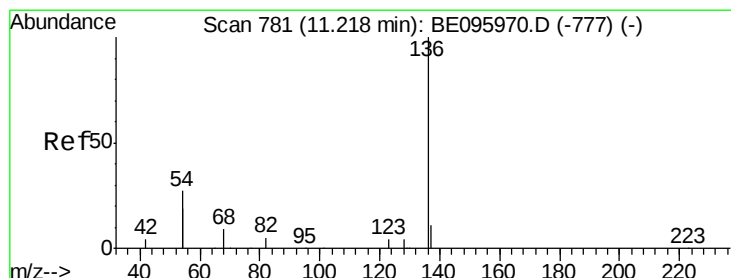
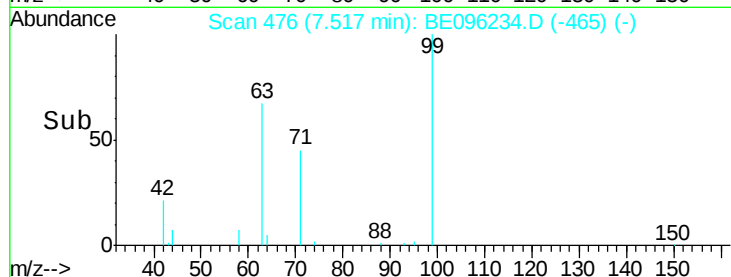
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

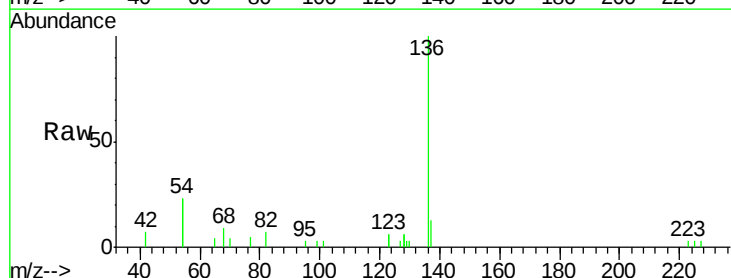
Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

Tgt Ion: 136 Resp: 2780

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	45.8	29.1	43.7#
68	9.1	6.2	9.2

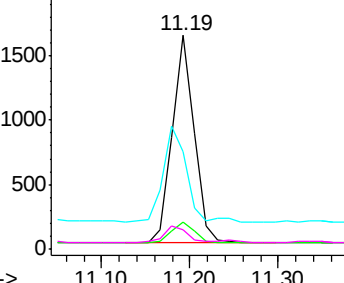


Abundance Ion 136.00 (135.70 to 136.70): E

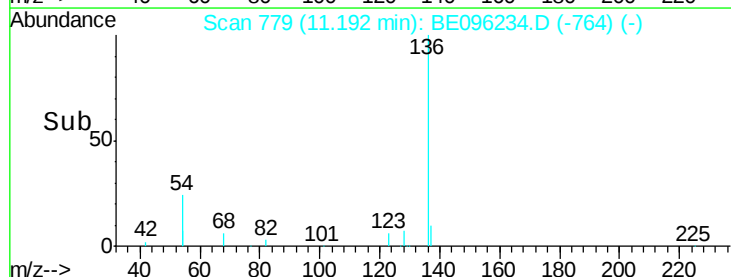
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.441 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180424

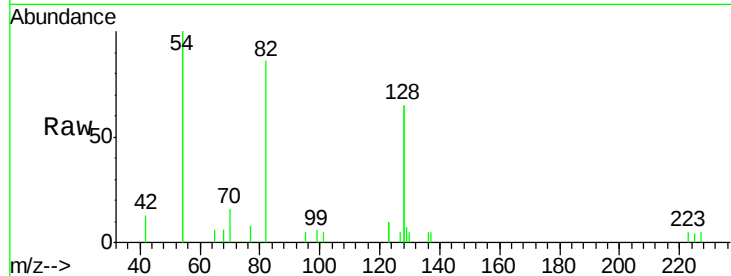
Tot Ion: 82 Resp: 1437

Ion Ratio Lower Upper

82 100

128 150.5 150.0 225.0

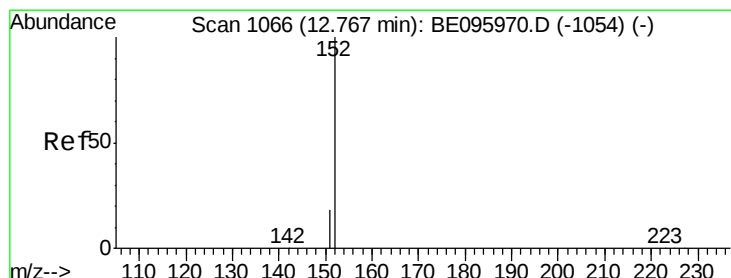
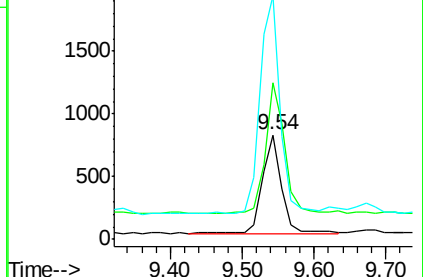
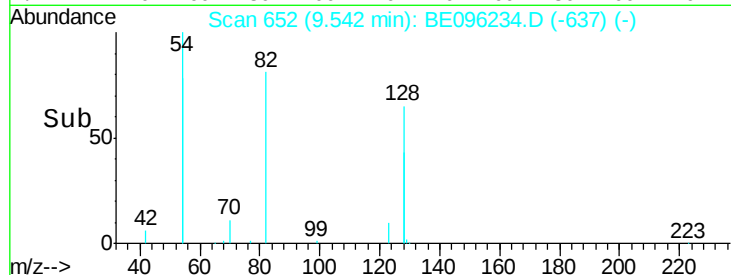
54 233.1 154.2 231.4#



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: 0.414 ng

RT: 12.74 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE096234.D

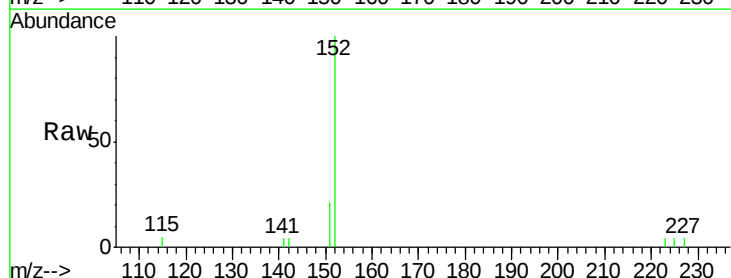
Acq: 30 Apr 2018 22:34

Tgt Ion: 152 Resp: 1825

Ion Ratio Lower Upper

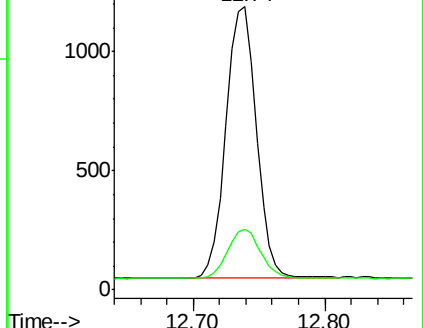
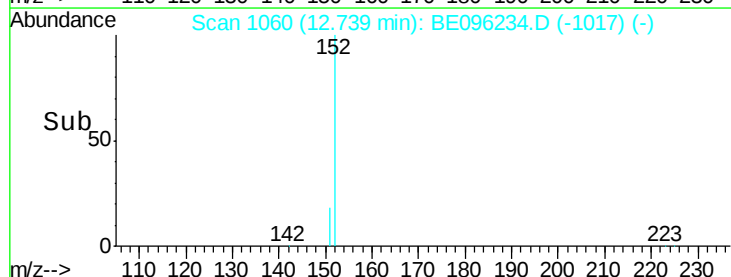
152 100

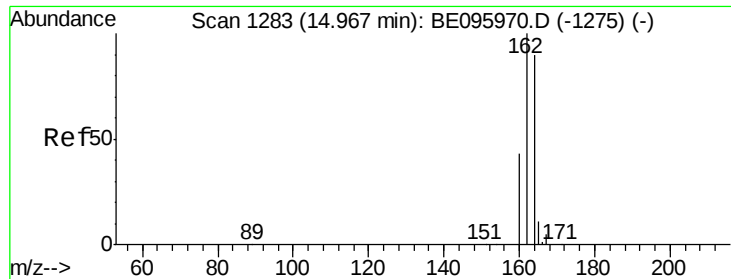
151 19.5 15.4 23.0



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: 14.94 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180424

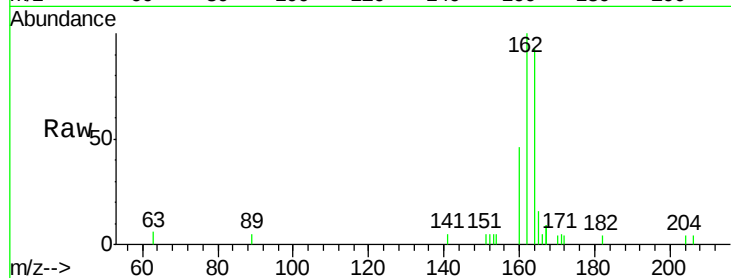
Tot Ion:164 Resp: 1551

Ion Ratio Lower Upper

164 100

162 107.4 83.1 124.7

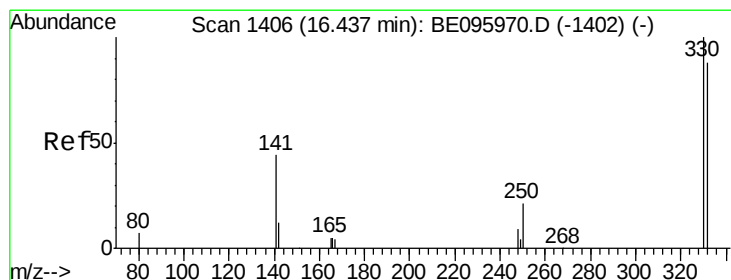
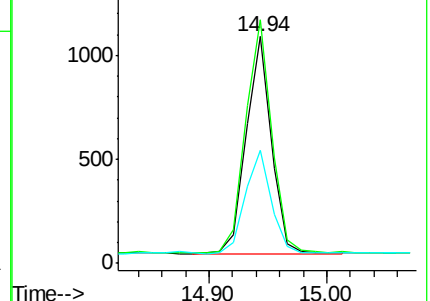
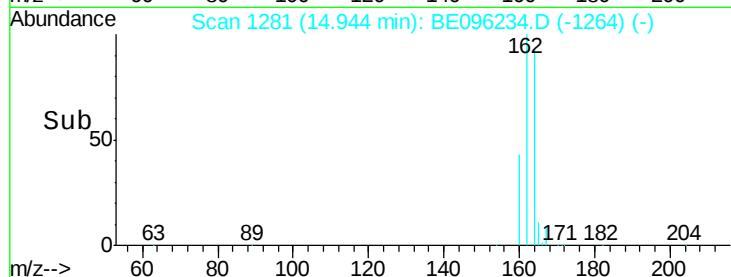
160 49.7 37.1 55.7



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: 0.486 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

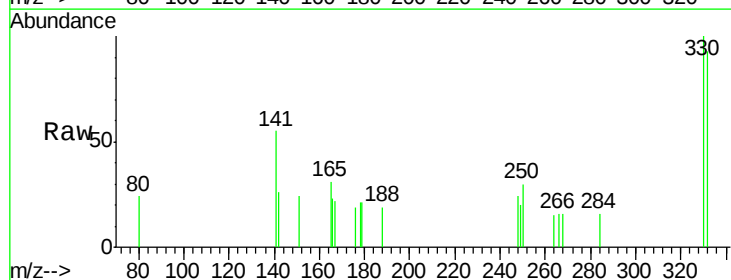
Tgt Ion:330 Resp: 364

Ion Ratio Lower Upper

330 100

332 95.6 152.7 229.1#

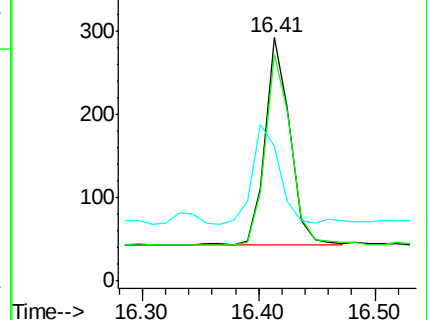
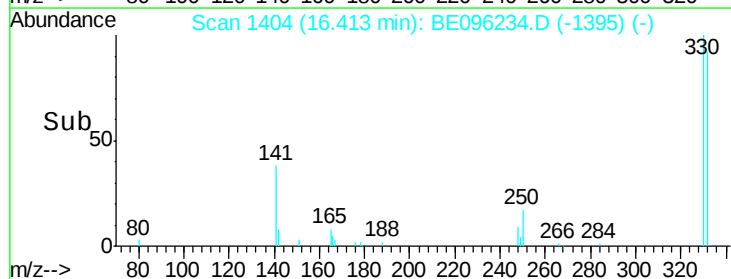
141 53.3 33.7 50.5#

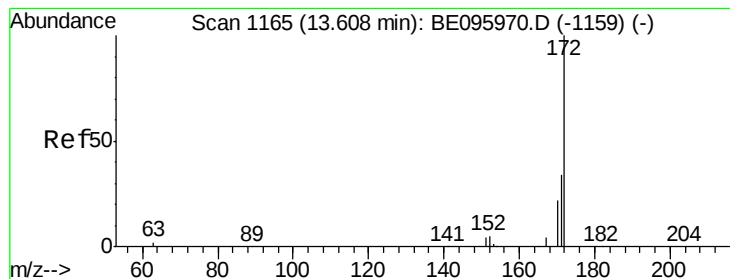


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

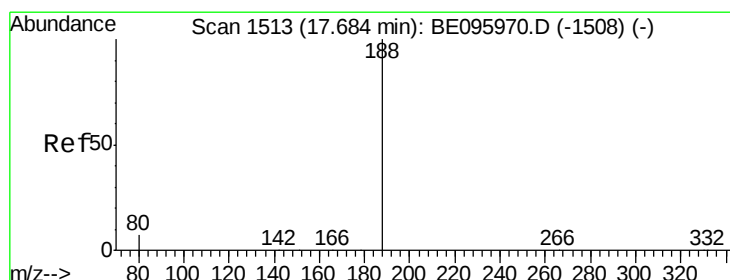
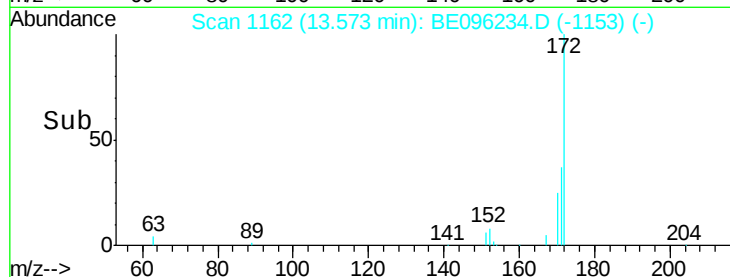
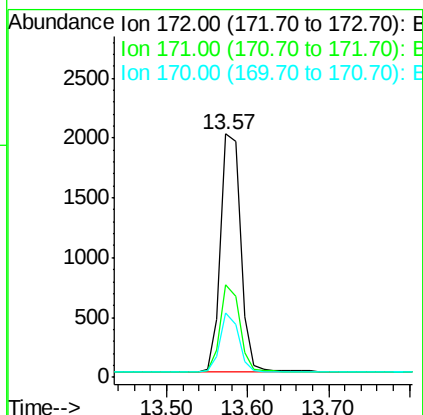
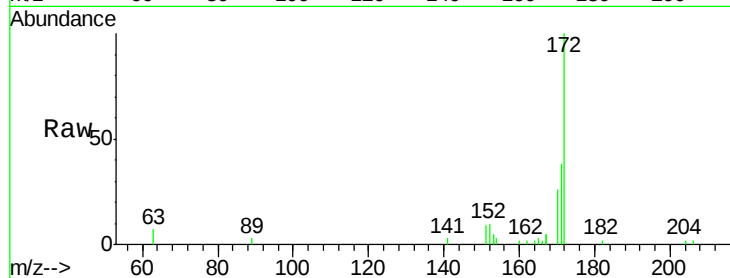




#15
2-Fluorobiphenyl
Concen: 0.517 ng
RT: 13.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE096234.D
Acq: 30 Apr 2018 22:34

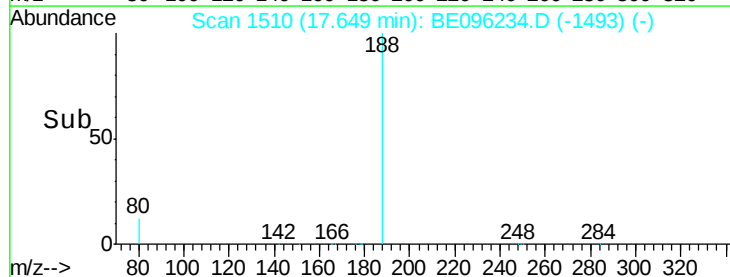
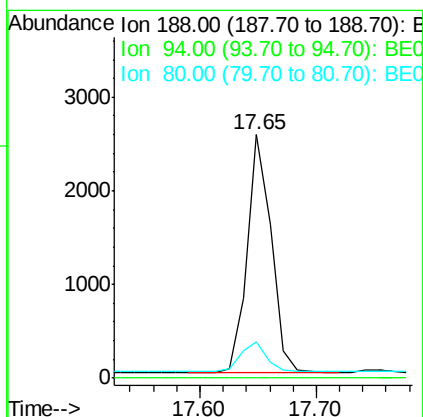
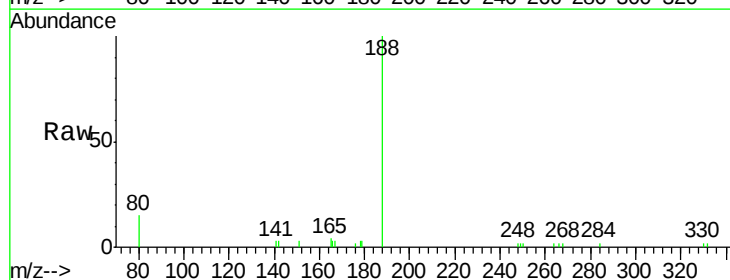
Instrument :
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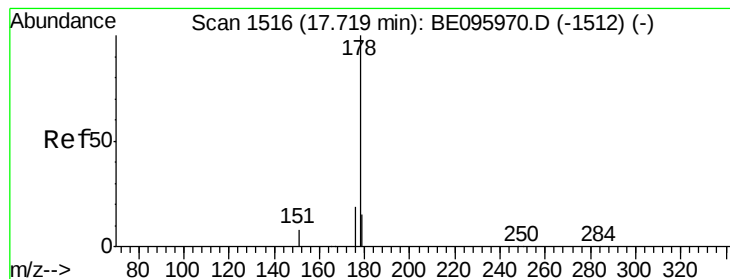
Tot Ion:172 Resp: 3428
Ion Ratio Lower Upper
172 100
171 38.1 29.9 44.9
170 26.2 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096234.D
Acq: 30 Apr 2018 22:34

Tgt Ion:188 Resp: 3690
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.8 3.6 5.4#





#23

Phenanthrene

Concen: 0.045 ng

RT: 17.70 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180424

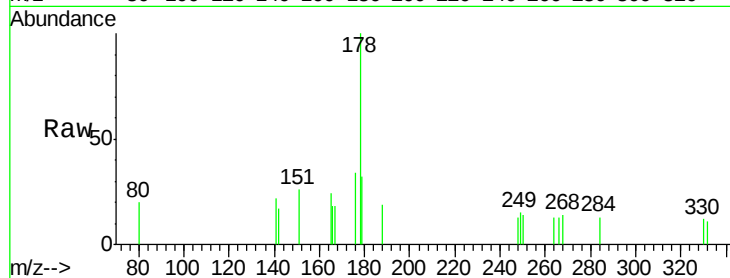
Tot Ion:178 Resp: 462

Ion Ratio Lower Upper

178 100

176 22.1 15.1 22.7

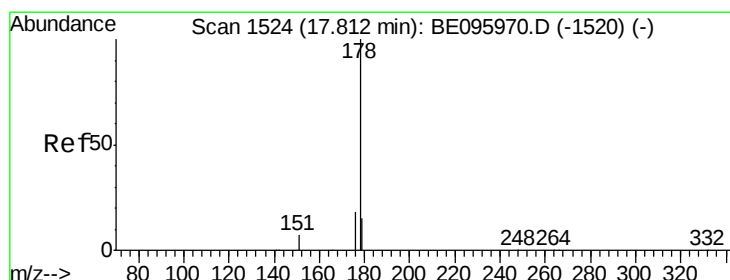
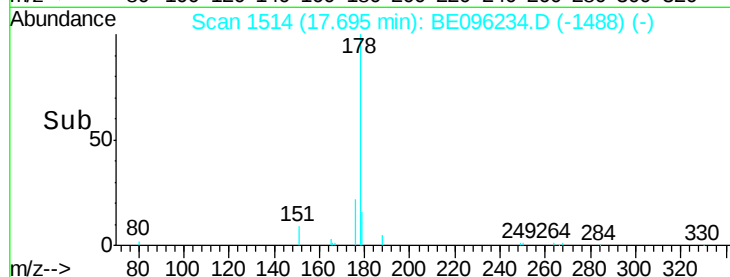
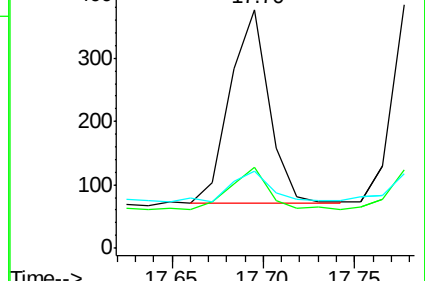
179 14.9 11.8 17.6



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



#24

Anthracene

Concen: 0.051 ng

RT: 17.78 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

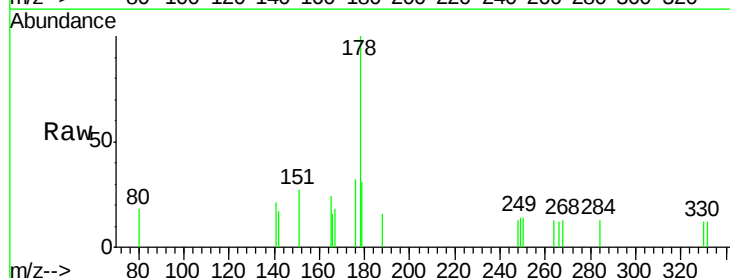
Tgt Ion:178 Resp: 510

Ion Ratio Lower Upper

178 100

176 22.5 12.8 19.2#

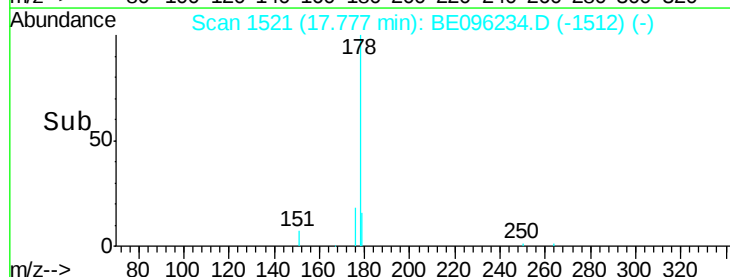
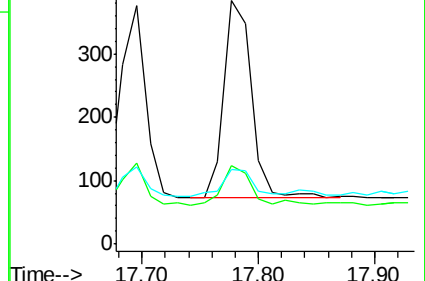
179 14.9 13.0 19.6

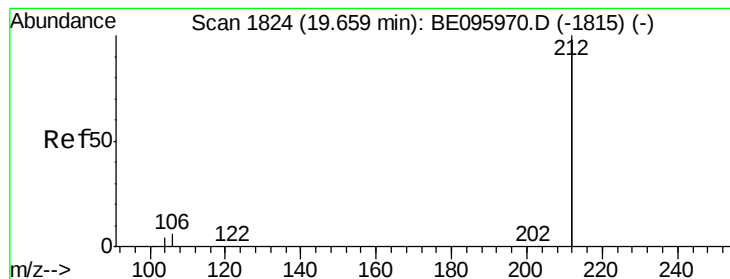


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.431 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

Instrument :

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BP-TT-AOC22-MW06-20180424

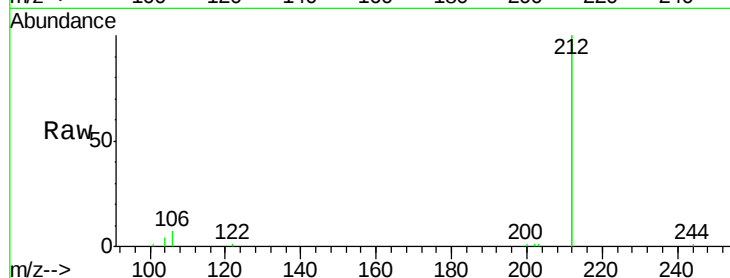
Tot Ion:212 Resp: 21577

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

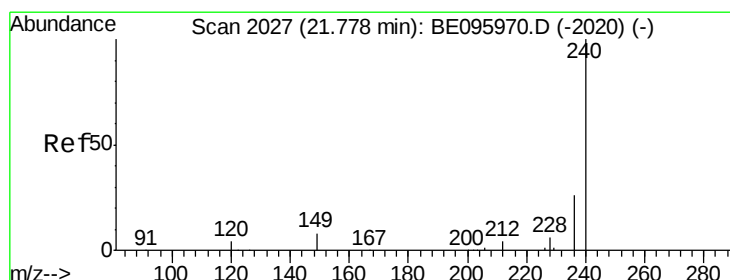
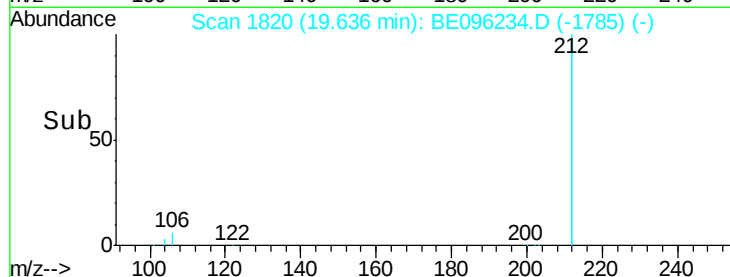
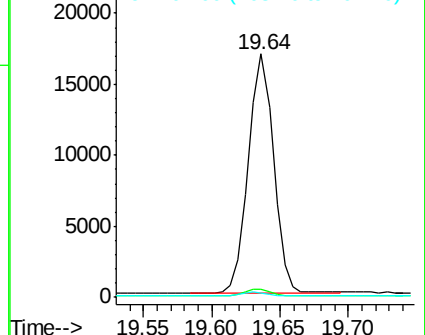
104 1.8 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

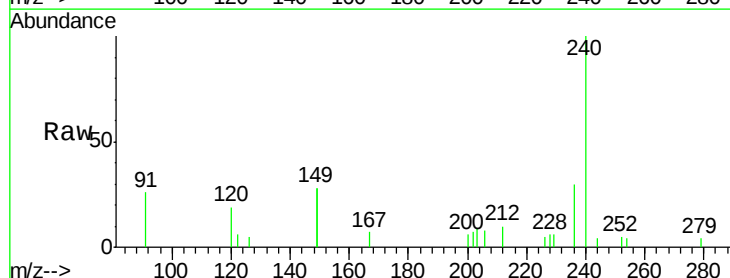
Tgt Ion:240 Resp: 3759

Ion Ratio Lower Upper

240 100

120 18.6 5.5 8.3#

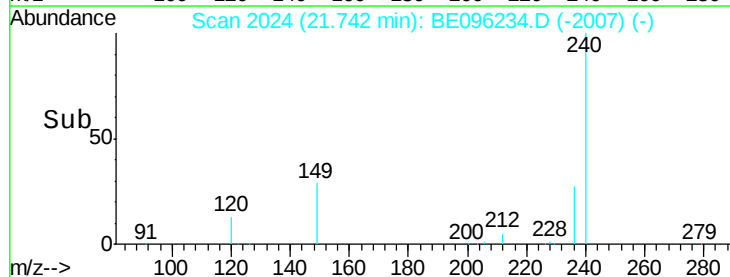
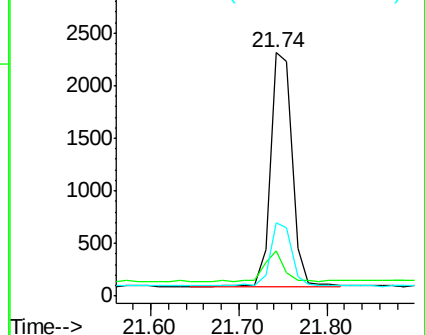
236 30.3 20.7 31.1

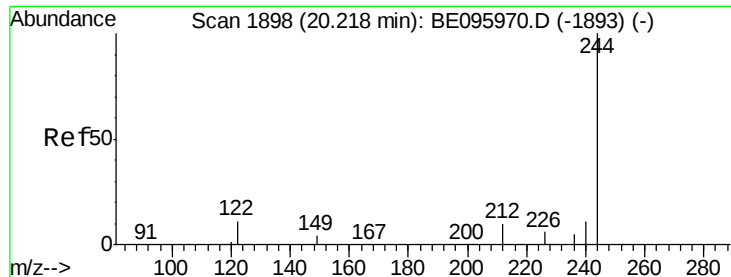


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.549 ng

RT: 20.19 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180424

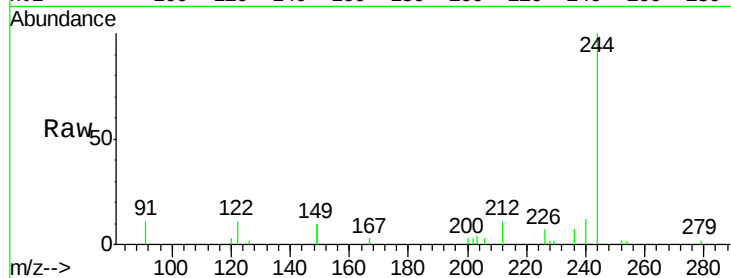
Tot Ion:244 Resp: 4559

Ion Ratio Lower Upper

244 100

212 11.5 25.4 38.0#

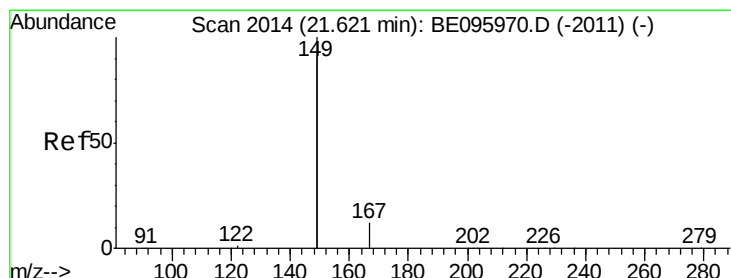
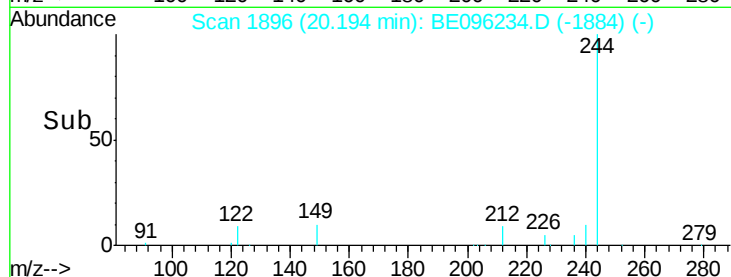
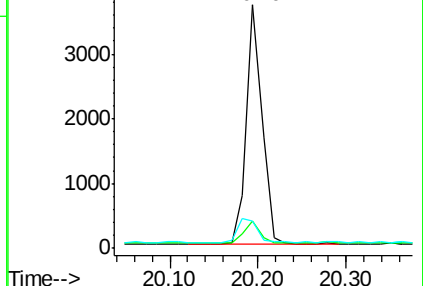
122 11.2 8.1 12.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.087 ng

RT: 21.60 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

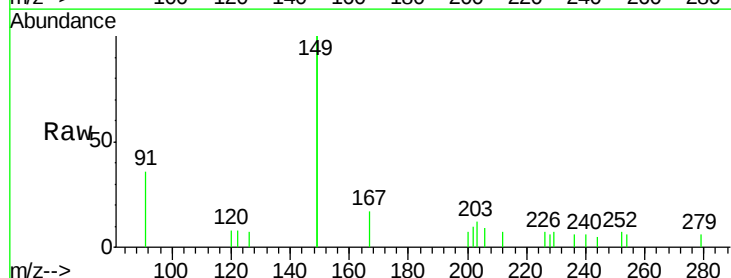
Tgt Ion:149 Resp: 2722

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

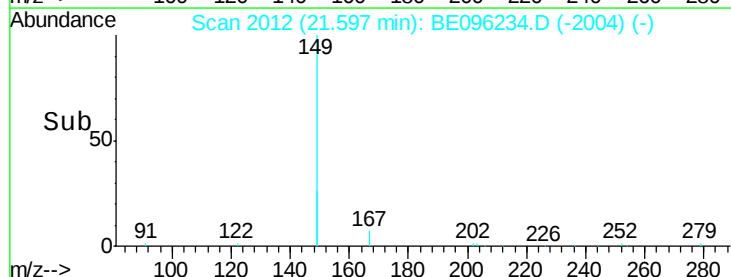
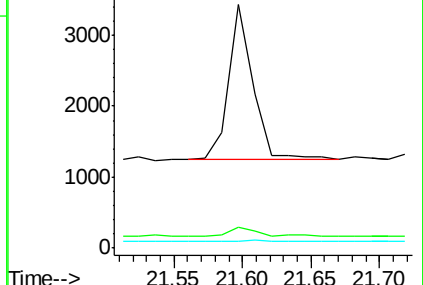
279 2.5 0.7 1.1#

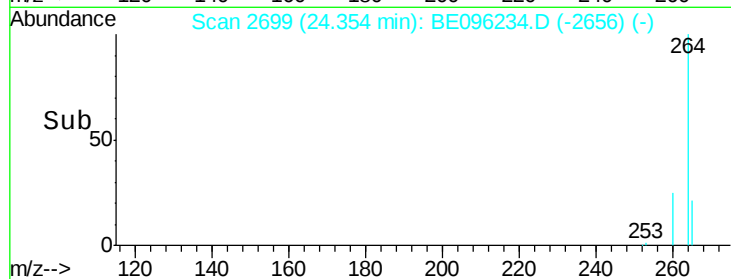
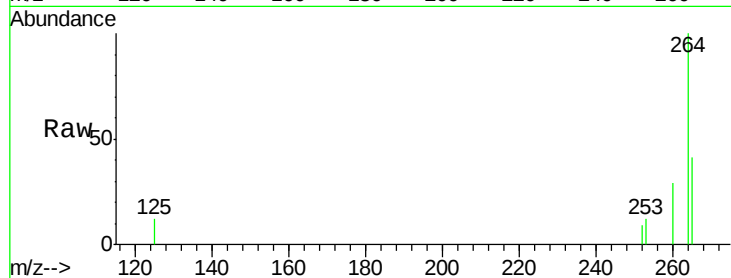


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2699

Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180424

Tot Ion: 264 Resp: 3126

Ion Ratio Lower Upper

264 100

260 28.7 20.5 30.7

265 41.4 22.8 34.2#

