

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 02:31:45 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

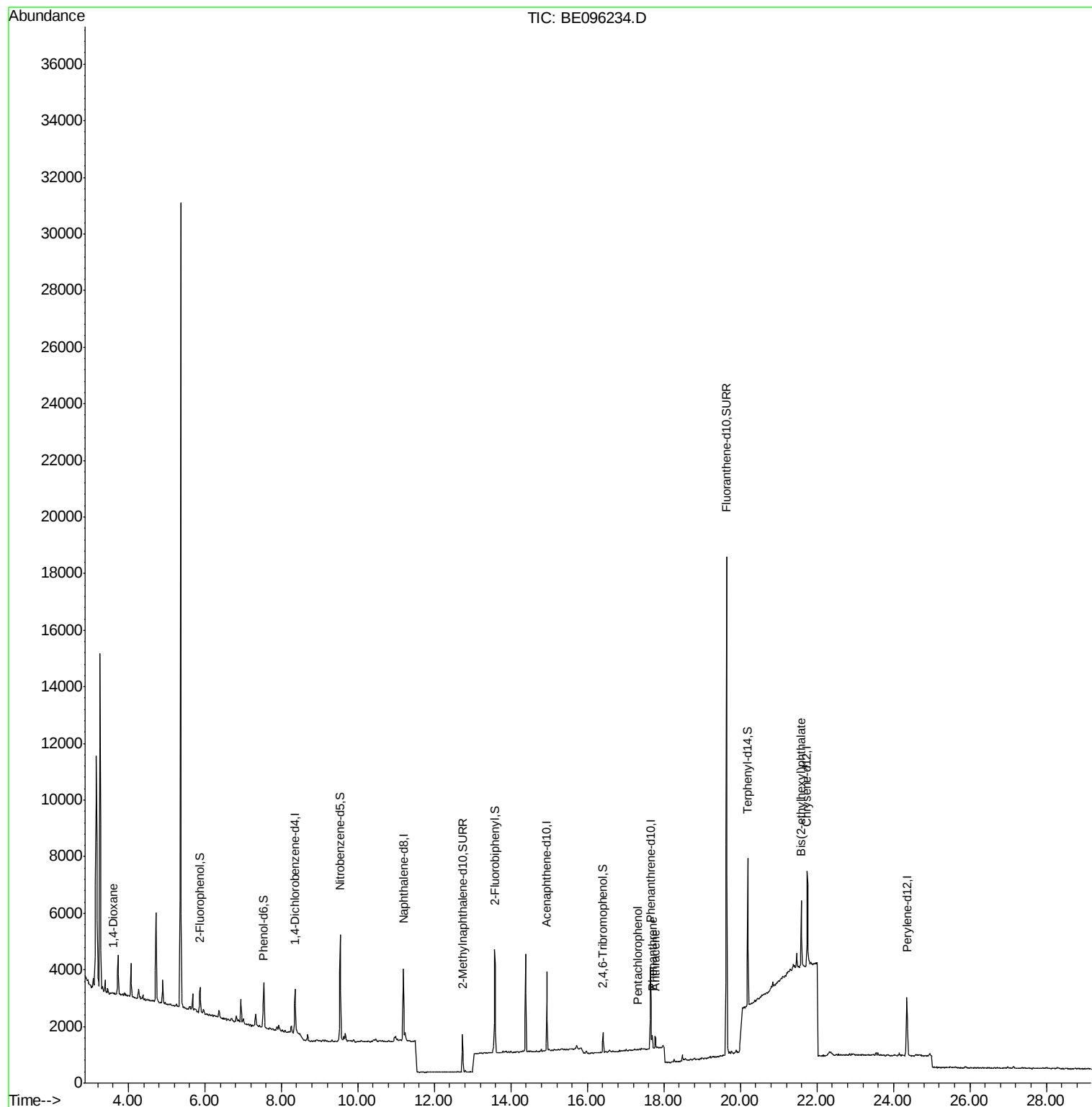
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	40	0.035	ng	# 1
22) Pentachlorophenol	17.31	266	20	0.155	ng	95
23) Phenanthrene	17.70	178	462	0.045	ng	96
24) Anthracene	17.78	178	510	0.051	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.60	149	2722	0.087	ng	# 98

(#) = 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

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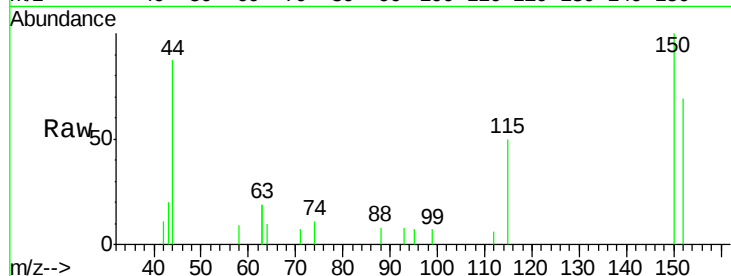
Tgt Ion:152 Resp: 748

Ion Ratio Lower Upper

152 100

150 145.6 117.2 175.8

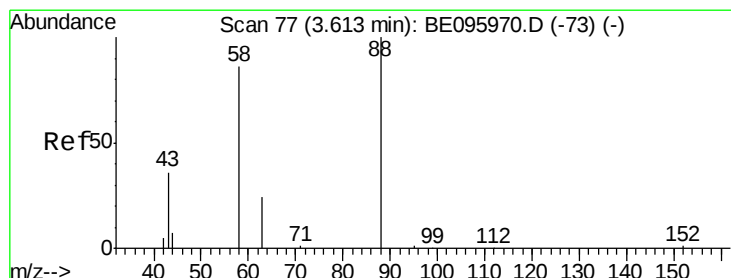
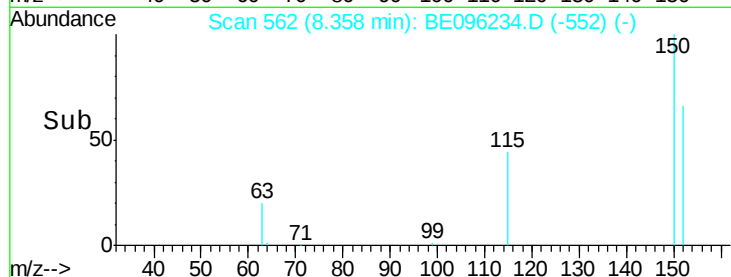
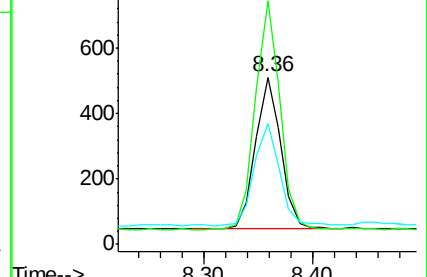
115 72.2 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.035 ng

RT: 3.61 min Scan# 77

Delta R.T. 0.01 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

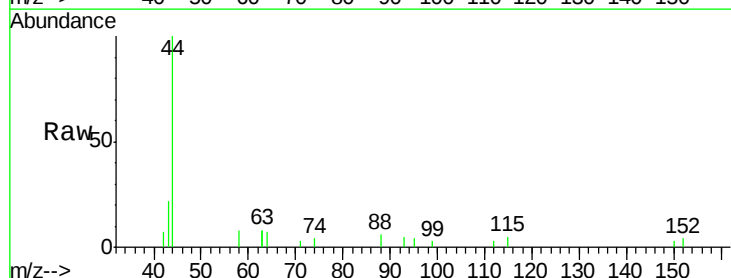
Tgt Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

58 115.0 63.2 94.8#

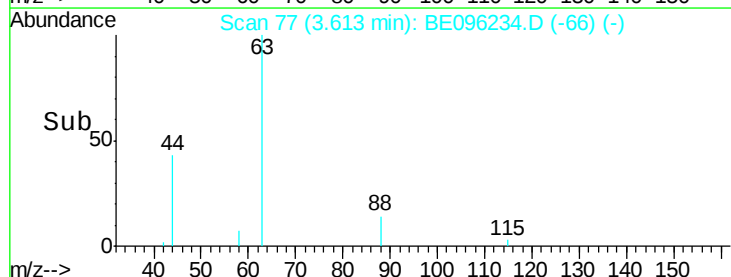
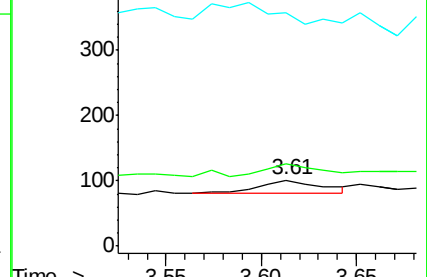
43 187.5 41.2 61.8#

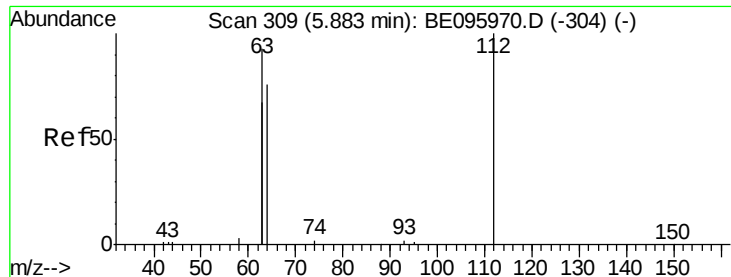


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.192 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

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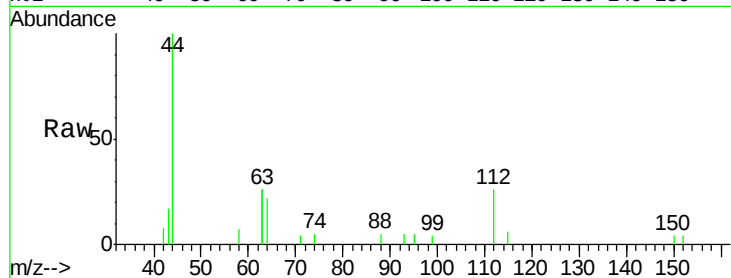
Tgt Ion: 112 Resp: 444

Ion Ratio Lower Upper

112 100

64 72.1 60.1 90.1

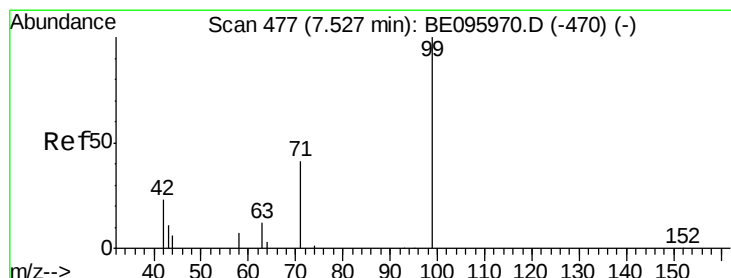
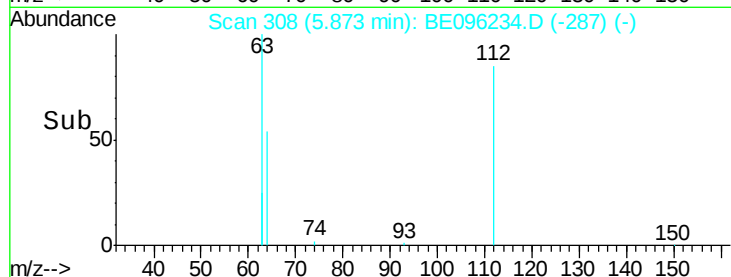
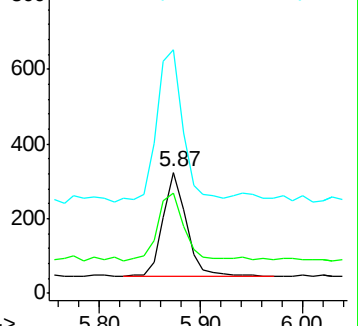
63 167.1 116.8 175.2



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

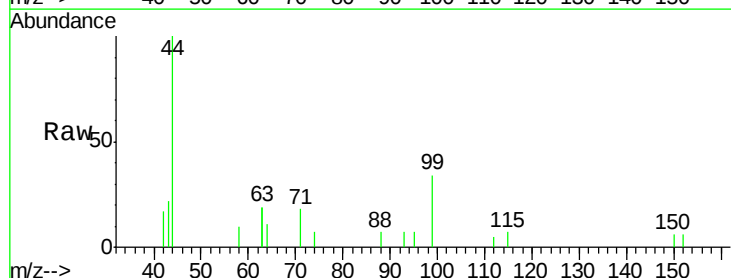
Tgt Ion: 99 Resp: 383

Ion Ratio Lower Upper

99 100

42 36.6 20.2 30.2#

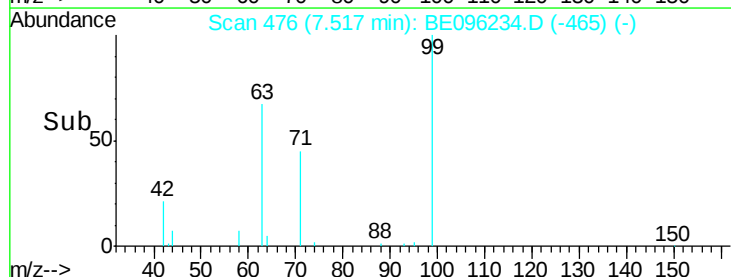
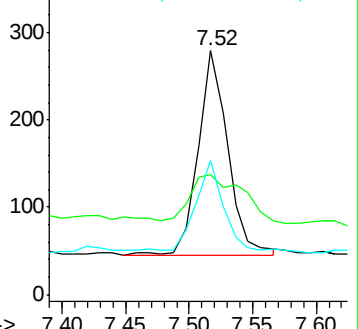
71 40.5 28.4 42.6



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





#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

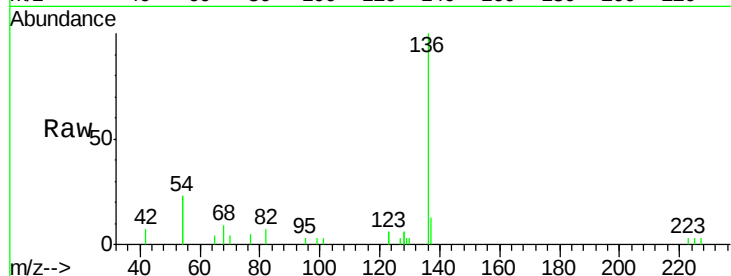
Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180424

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

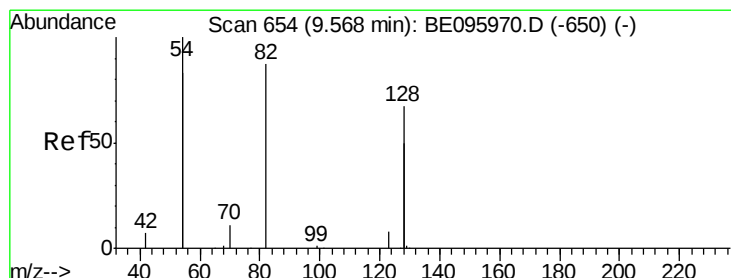
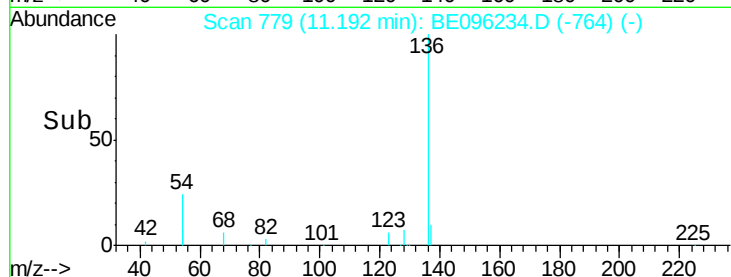
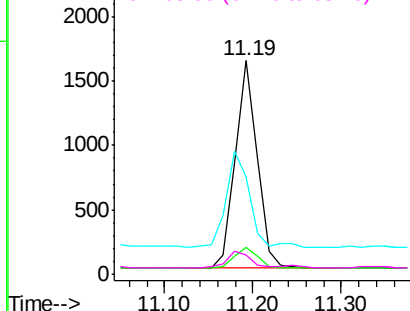


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.441 ng

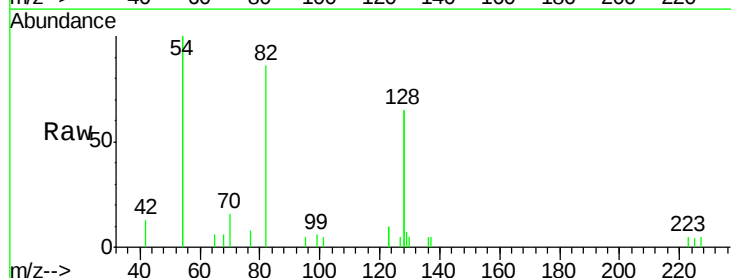
RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

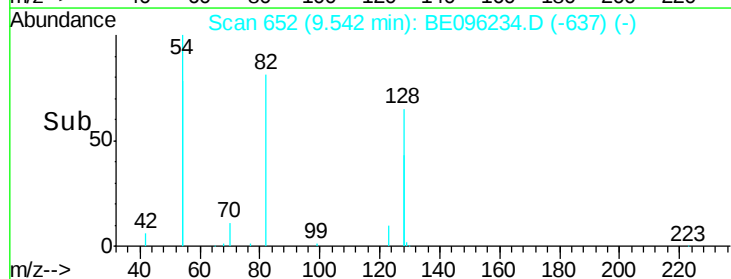
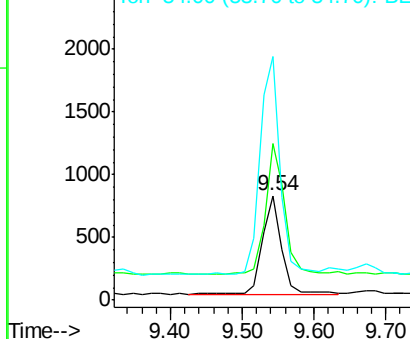
Tgt Ion:	82	Resp:	1437
Ion	Ratio	Lower	Upper
82	100		
128	150.5	150.0	225.0
54	233.1	154.2	231.4

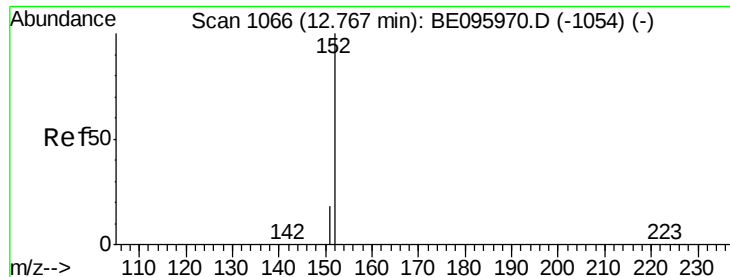


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

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

Instrument :

BNA_E

ClientSampleId :

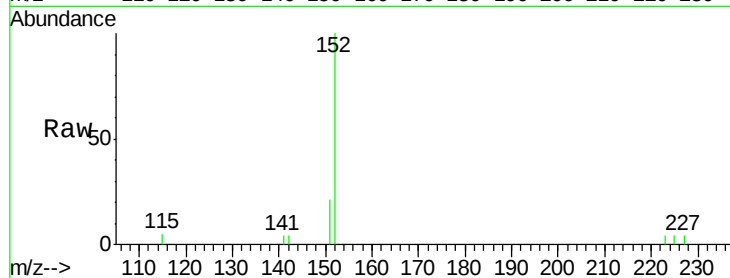
BP-TT-AOC22-MW06-20180424

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): E

Ion 151.00 (150.70 to 151.70): E

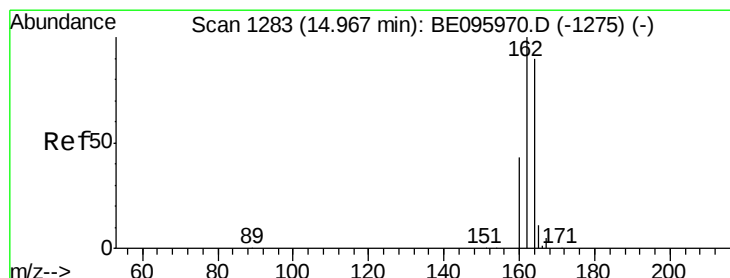
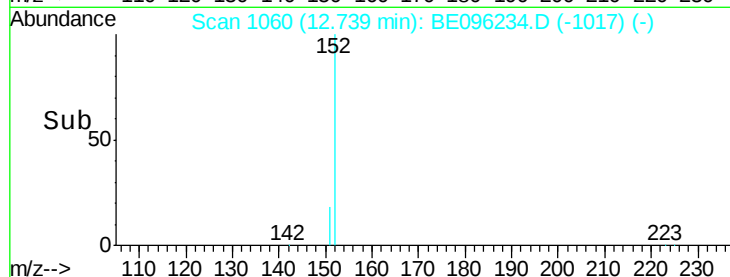
12.74

1000

500

0

Time-->



#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

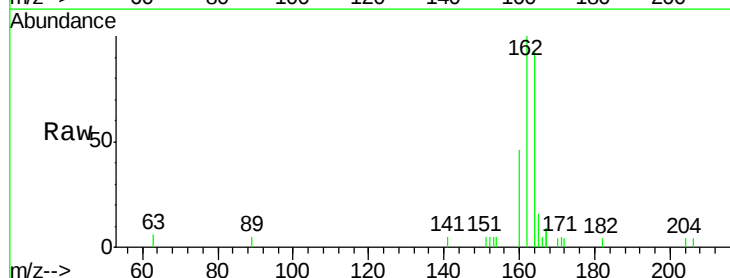
Tgt Ion:164 Resp: 1551

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

14.94

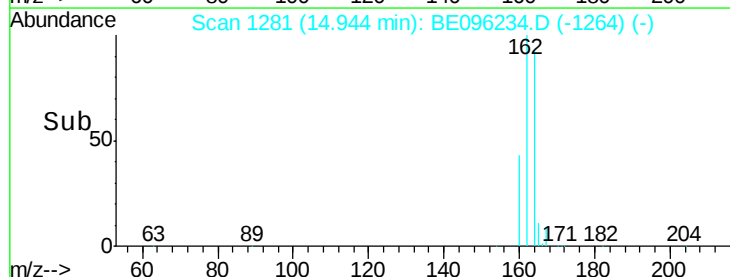
1500

1000

500

0

Time-->

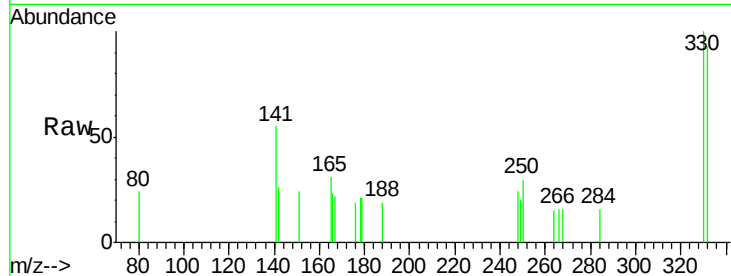




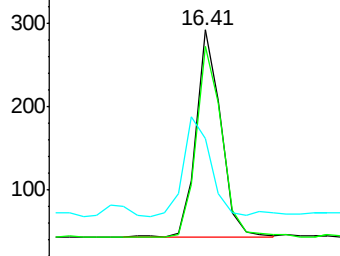
#14
 2,4,6-Tribromophenol
 Concen: 0.486 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096234.D
 Acq: 30 Apr 2018 22:34

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

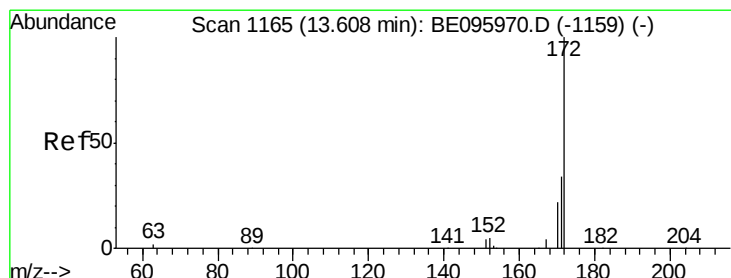
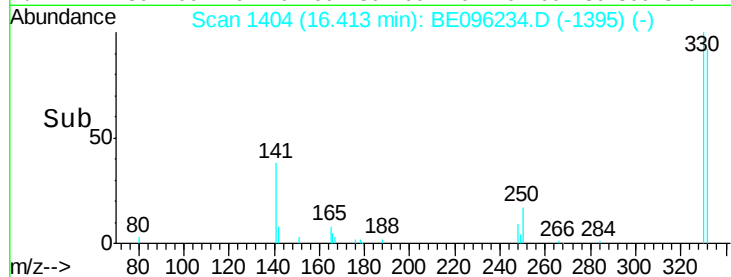
Tgt Ion: 330 Resp: 364
 Ion Ratio Lower Upper
 330 100
 332 95.6 152.7 229.1#
 141 53.3 33.7 50.5#



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

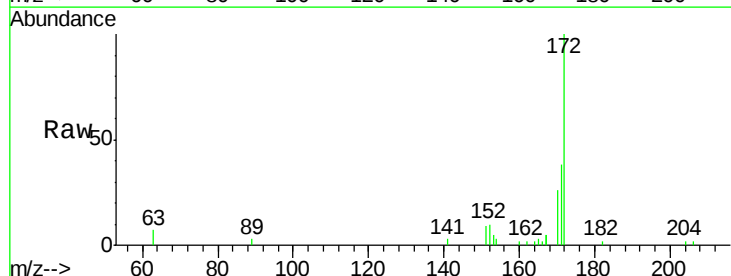


Time-->

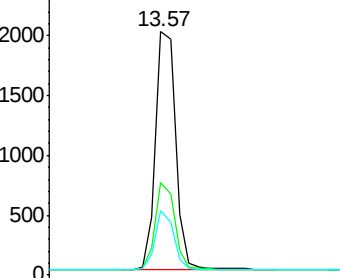


#15
 2-Fluorobiphenyl
 Concen: 0.517 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BE096234.D
 Acq: 30 Apr 2018 22:34

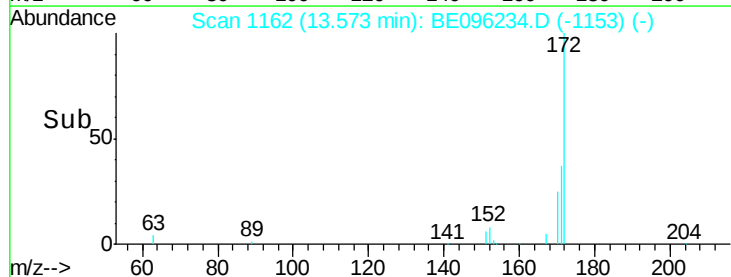
Tgt Ion: 172 Resp: 3428
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.9 44.9
 170 26.2 21.8 32.8



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-->





#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

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180424

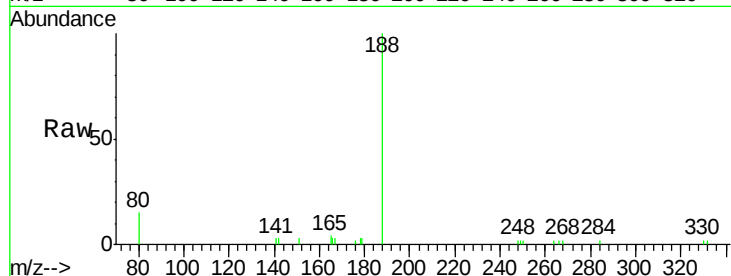
Tgt Ion:188 Resp: 3690

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

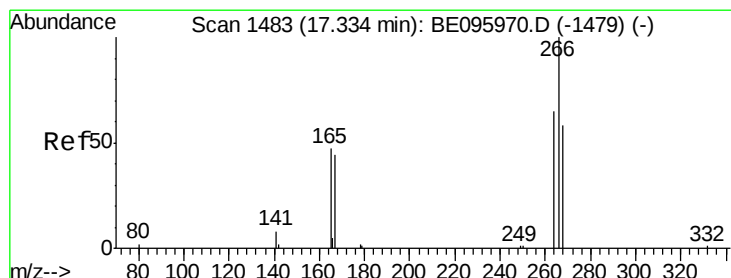
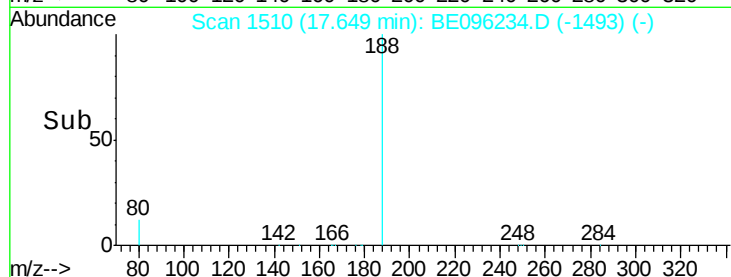
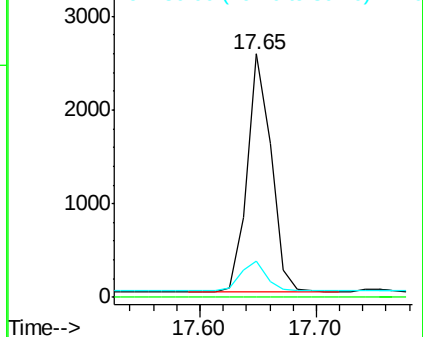
80 14.8 3.6 5.4#



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: 0.155 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096234.D

Acq: 30 Apr 2018 22:34

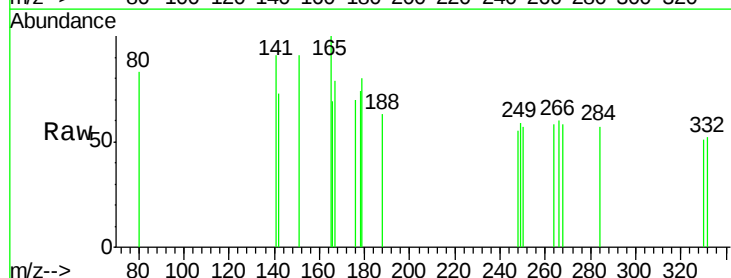
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 96.2 72.5 108.7

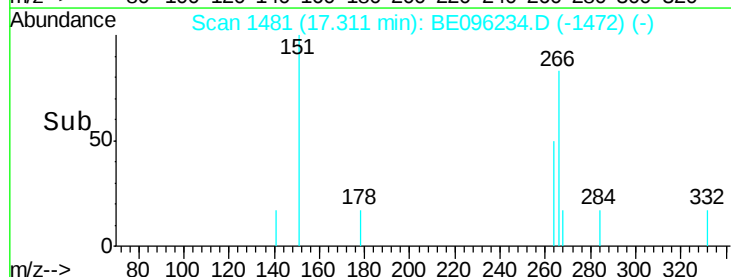
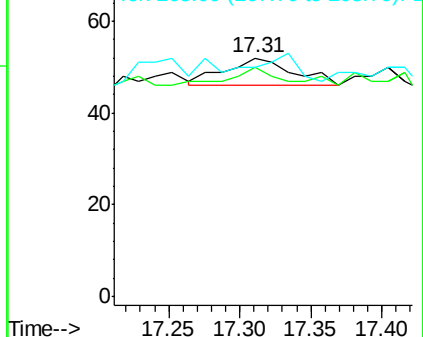
268 96.2 73.8 110.6

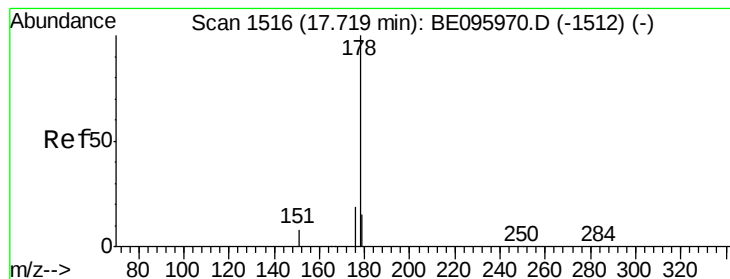


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#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

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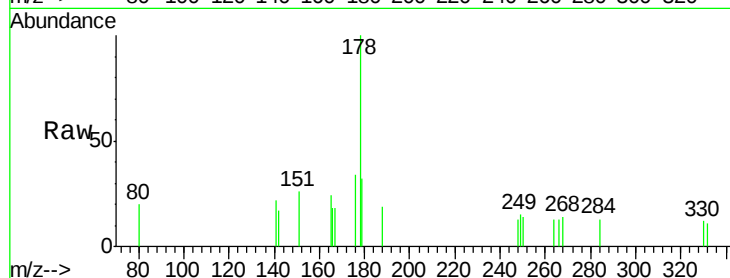
Tgt Ion:178 Resp: 462

Ion Ratio Lower Upper

178 100

176 22.1 15.1 22.7

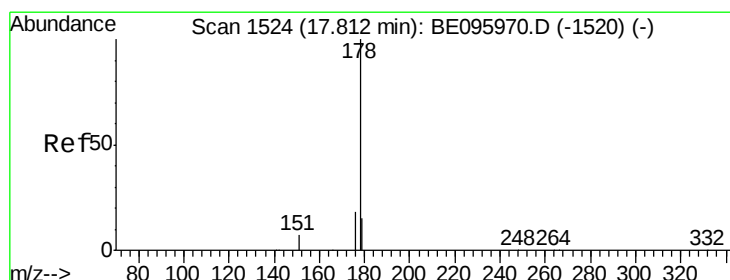
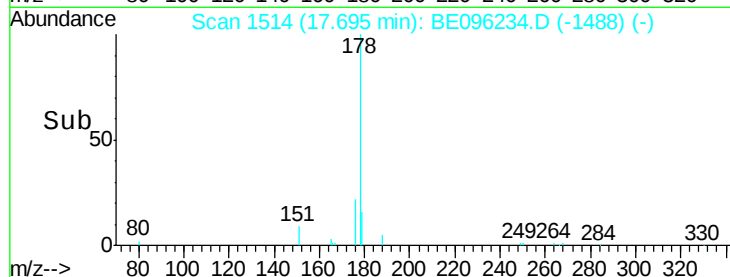
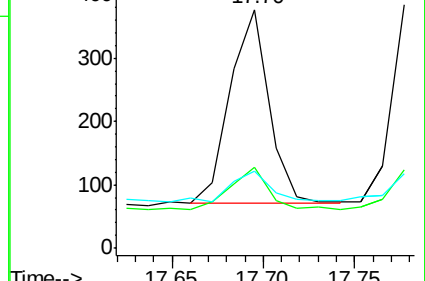
179 14.9 11.8 17.6



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

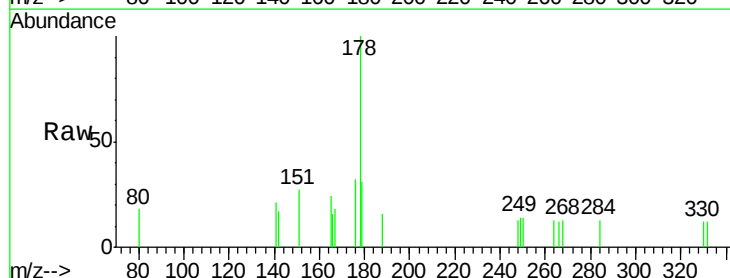
Tgt Ion:178 Resp: 510

Ion Ratio Lower Upper

178 100

176 22.5 12.8 19.2#

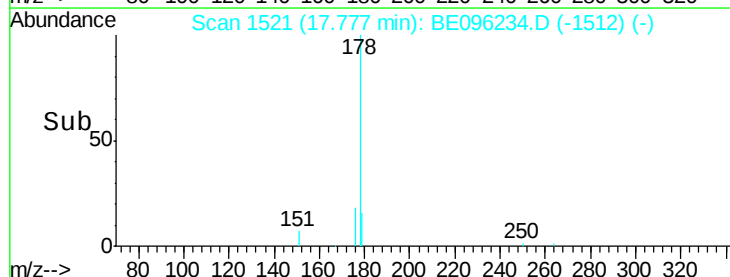
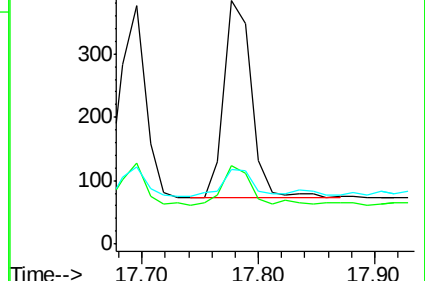
179 14.9 13.0 19.6

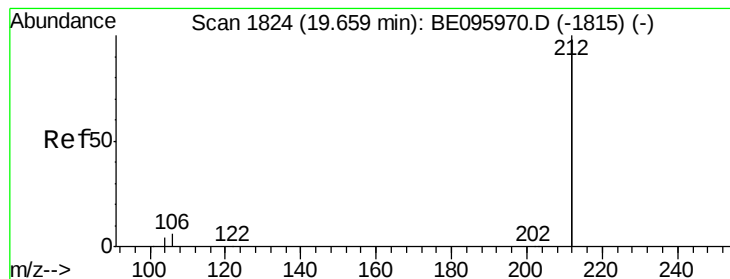


Abundance Ion 178.00 (177.70 to 178.70): E

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 :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20180424

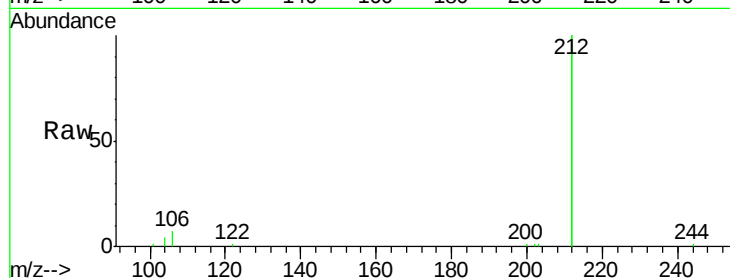
Tgt Ion:212 Resp: 21577

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

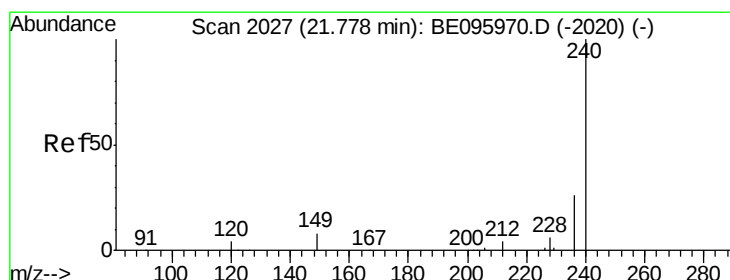
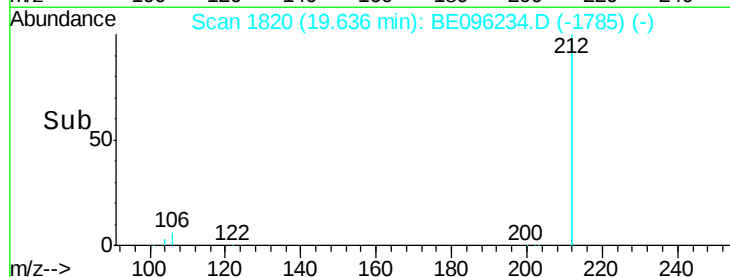
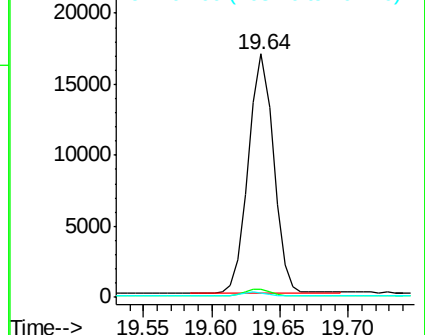
104 1.8 1.6 2.4



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

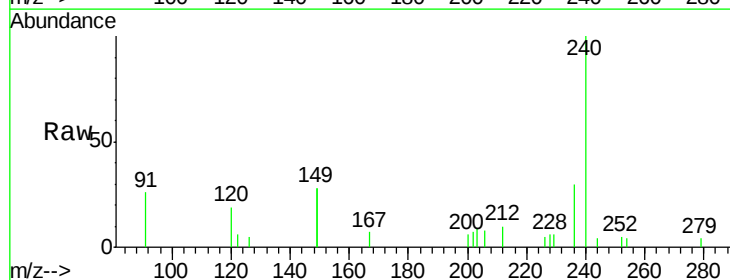
Tgt Ion:240 Resp: 3759

Ion Ratio Lower Upper

240 100

120 18.6 5.5 8.3#

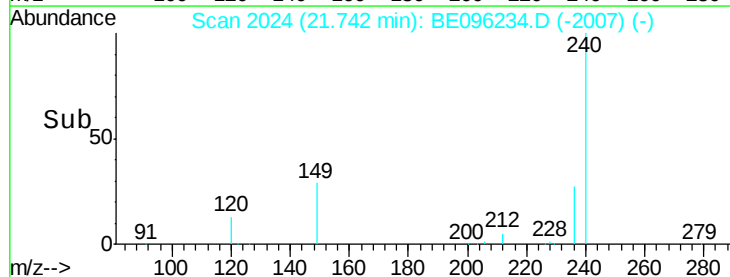
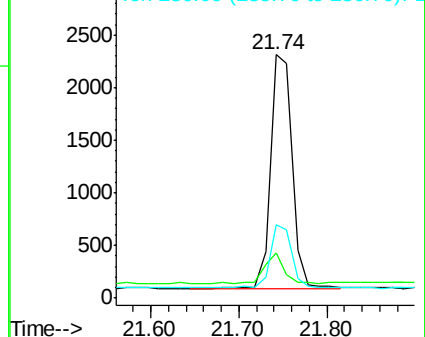
236 30.3 20.7 31.1

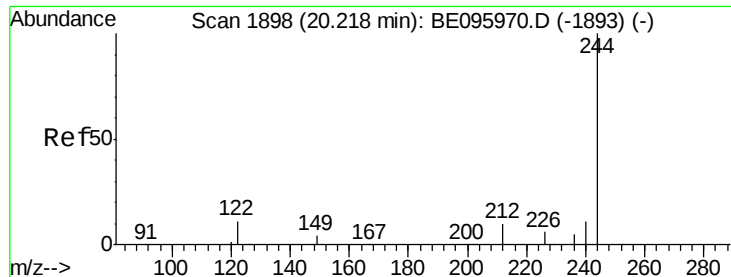


Abundance Ion 240.00 (239.70 to 240.70): E

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

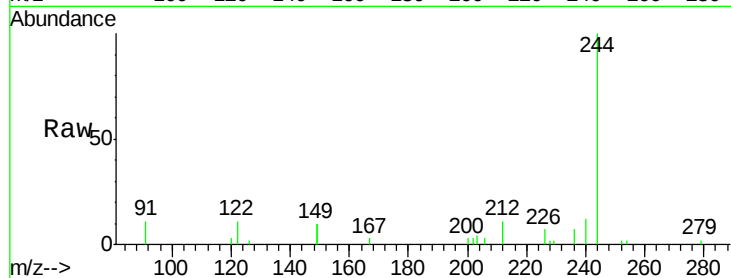
Tgt Ion:244 Resp: 4559

Ion Ratio Lower Upper

244 100

212 11.5 25.4 38.0#

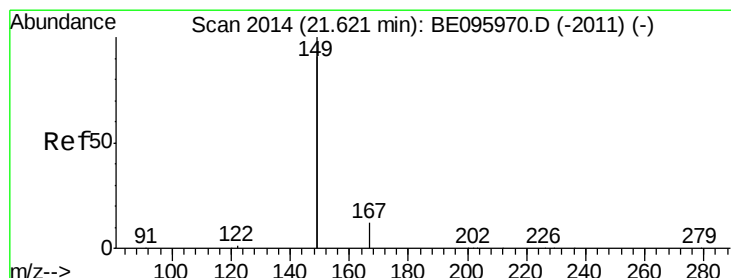
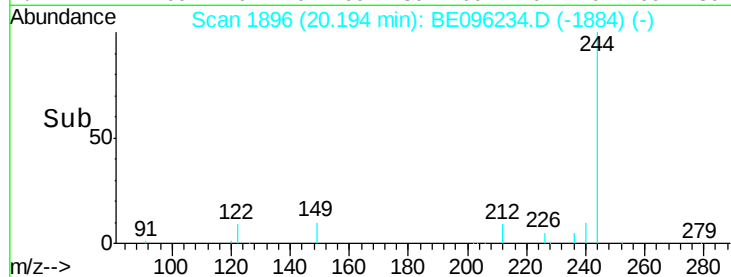
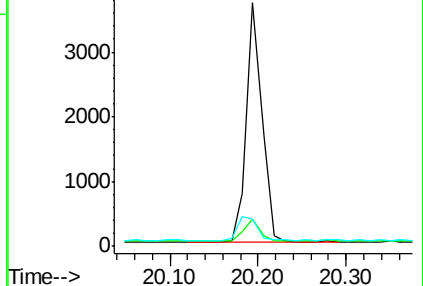
122 11.2 8.1 12.1



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

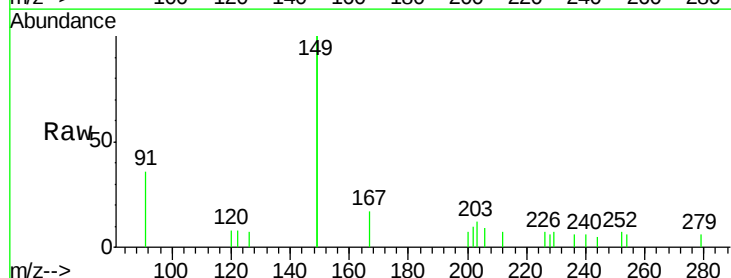
Tgt Ion:149 Resp: 2722

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

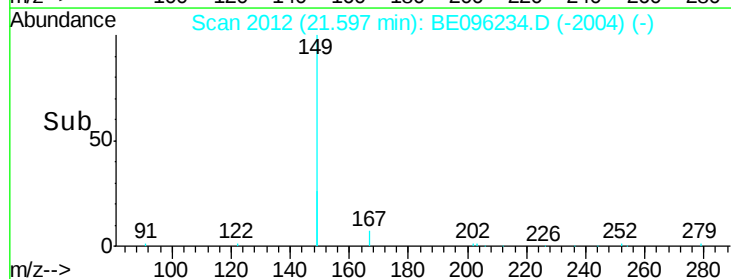
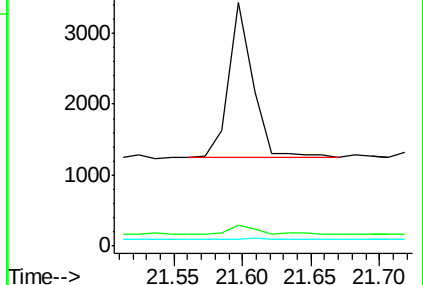
279 2.5 0.7 1.1#

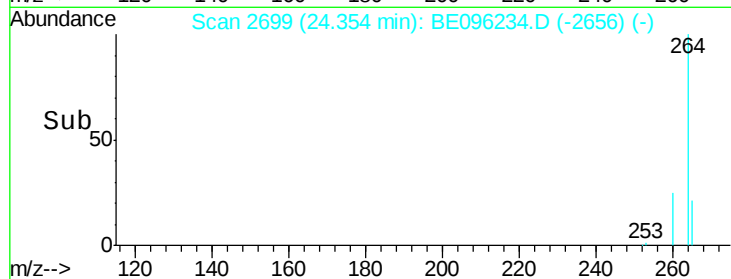
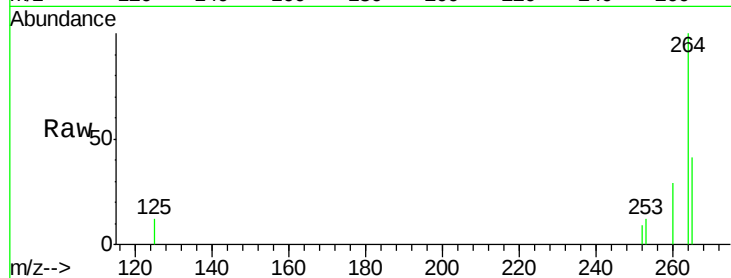
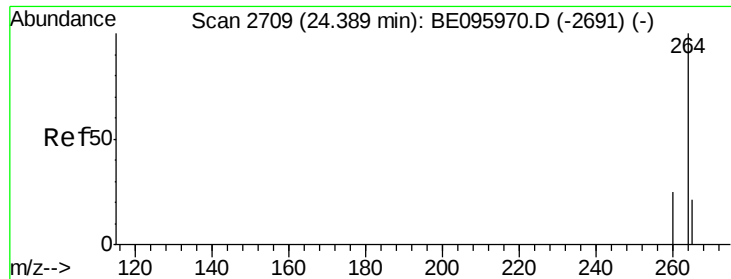


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-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

Tgt Ion: 264 Resp: 3126

Ion Ratio Lower Upper

264 100

260 28.7 20.5 30.7

265 41.4 22.8 34.2

