

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
 Data File : BE096247.D
 Acq On : 1 May 2018 6:20
 Operator : SJ/JU
 Sample : J2600-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW02-20180425

Quant Time: May 01 07:23:56 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

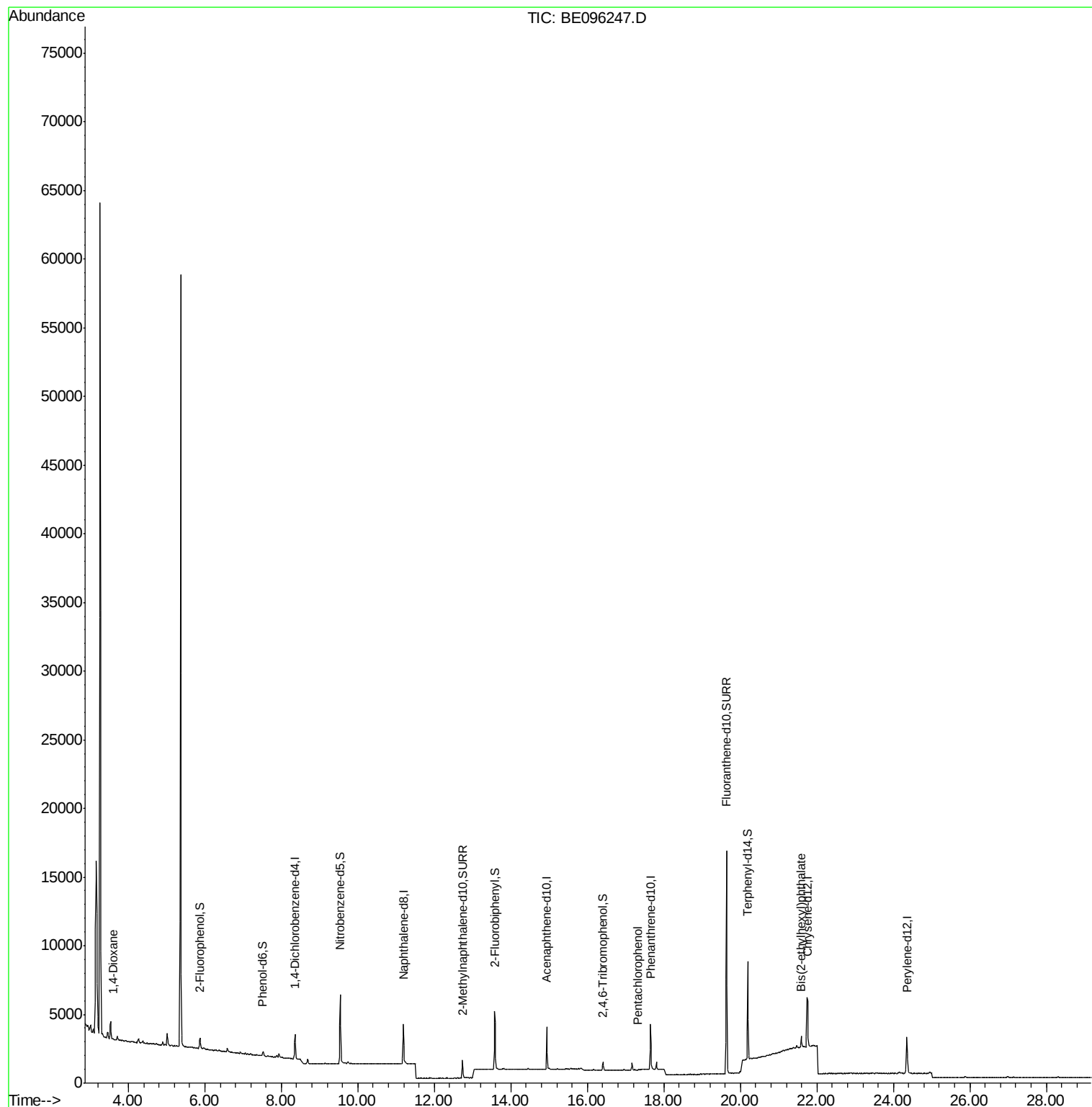
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	867	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3212	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1764	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4363	0.40	ng	0.00
27) Chrysene-d12	21.75	240	4168	0.40	ng	0.01
34) Perylene-d12	24.35	264	4133	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	417	0.16	ng	0.00
5) Phenol-d6	7.52	99	325	0.09	ng	0.00
8) Nitrobenzene-d5	9.54	82	1970	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1757	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	320	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	4121	0.55	ng	0.00
25) Fluoranthene-d10	19.64	212	20612	0.35	ng	0.00
29) Terphenyl-d14	20.19	244	6298	0.68	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	45	0.034	ng	Qvalue # 72
22) Pentachlorophenol	17.31	266	9	0.143	ng	92
32) Bis(2-ethylhexyl)phthalate	21.60	149	1026	0.030	ng	# 96

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

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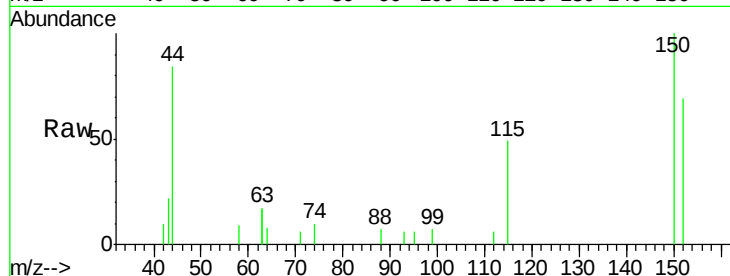


#1

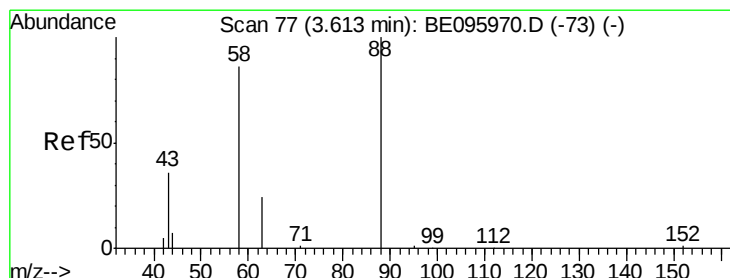
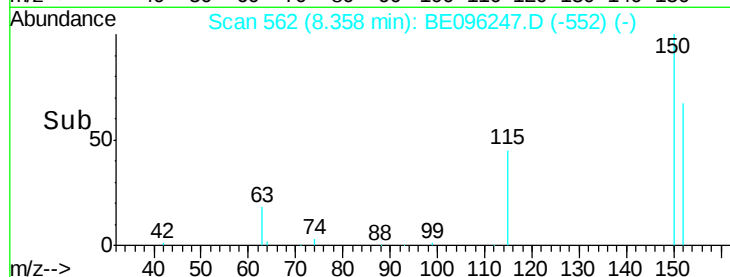
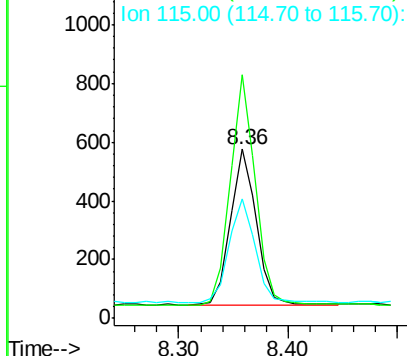
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096247.D
Acq: 1 May 2018 6:20

Instrument :
BNA_E
ClientSampleId :
BP-FW-MW02-20180425

Tgt Ion: 152 Resp: 867
Ion Ratio Lower Upper
152 100
150 144.2 117.2 175.8
115 71.0 57.0 85.6



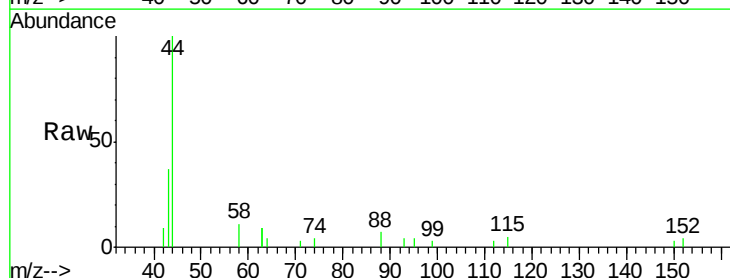
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



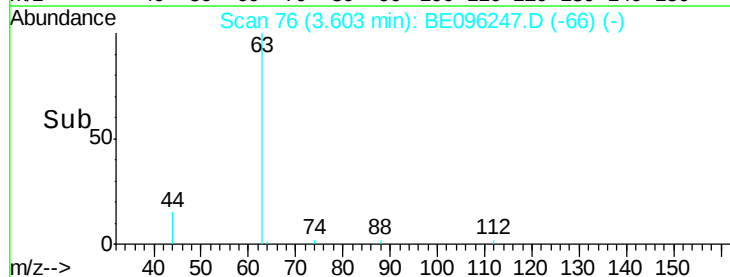
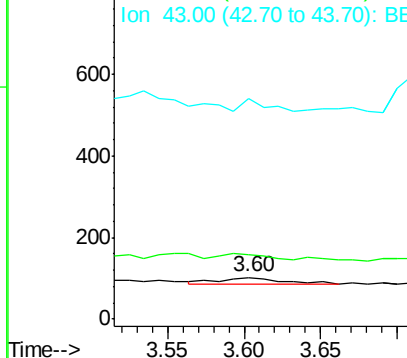
#2

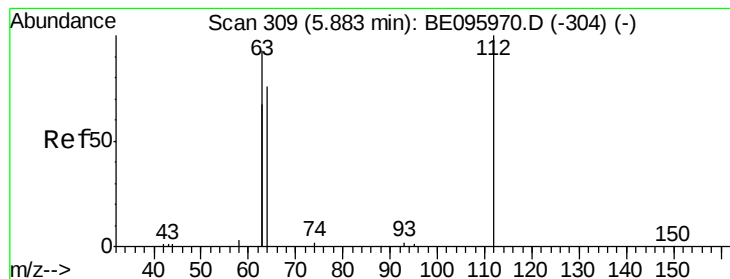
1,4-Dioxane
Concen: 0.034 ng
RT: 3.60 min Scan# 76
Delta R.T. -0.00 min
Lab File: BE096247.D
Acq: 1 May 2018 6:20

Tgt Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
58 60.0 63.2 94.8#
43 77.8 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: 0.156 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096247.D

Acq: 1 May 2018 6:20

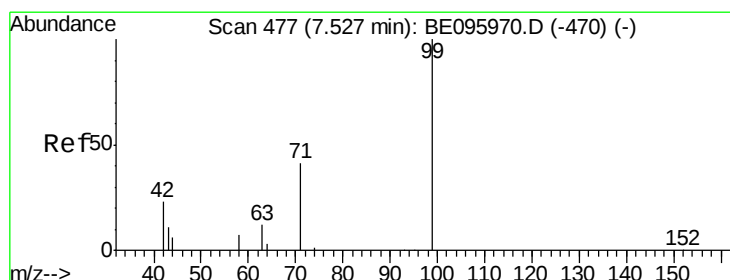
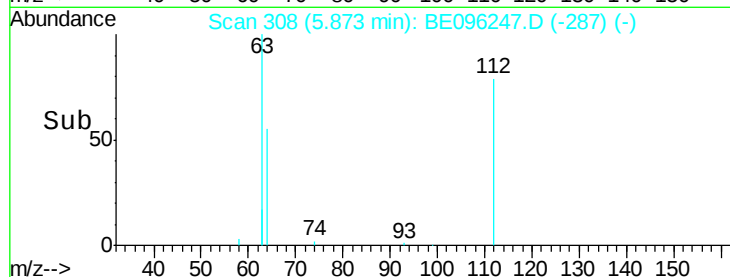
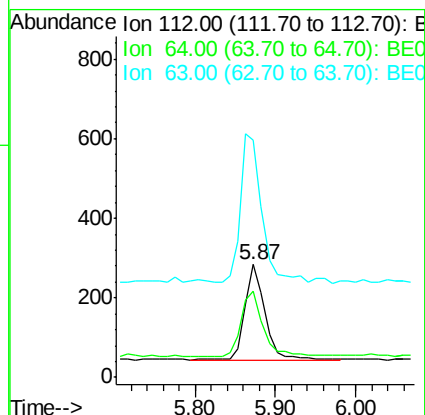
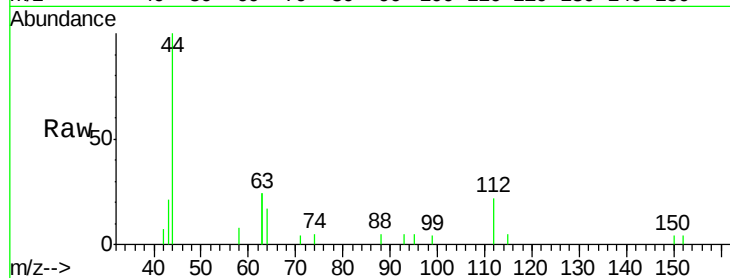
Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20180425

Tgt Ion:	112	Resp:	417
Ion	Ratio	Lower	Upper
112	100		
64	74.1	60.1	90.1
63	168.1	116.8	175.2



#5

Phenol-d6

Concen: 0.088 ng

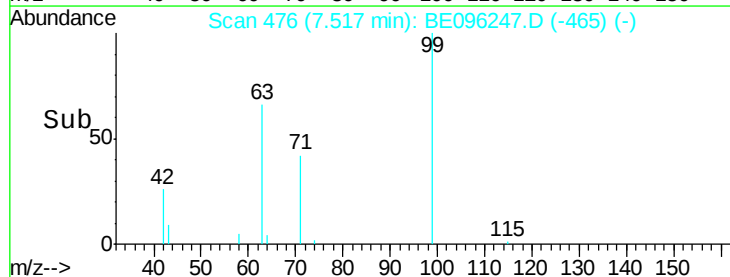
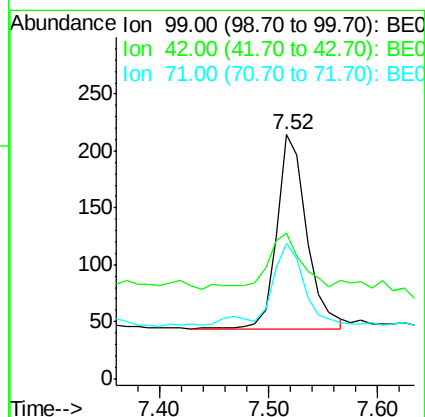
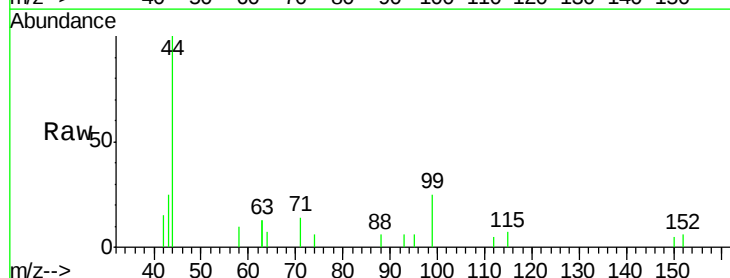
RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096247.D

Acq: 1 May 2018 6:20

Tgt Ion:	99	Resp:	325
Ion	Ratio	Lower	Upper
99	100		
42	35.4	20.2	30.2#
71	46.5	28.4	42.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096247.D

Acq: 1 May 2018 6:20

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20180425

Tgt Ion: 136 Resp: 3212

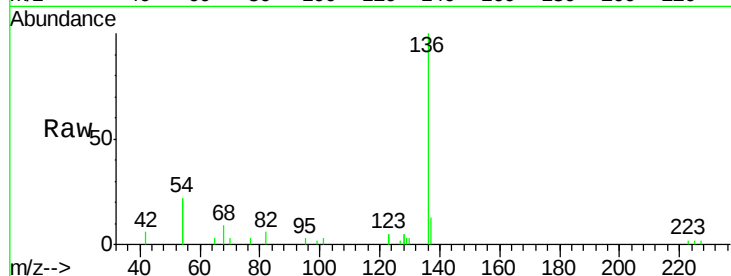
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 44.0 29.1 43.7#

68 8.7 6.2 9.2

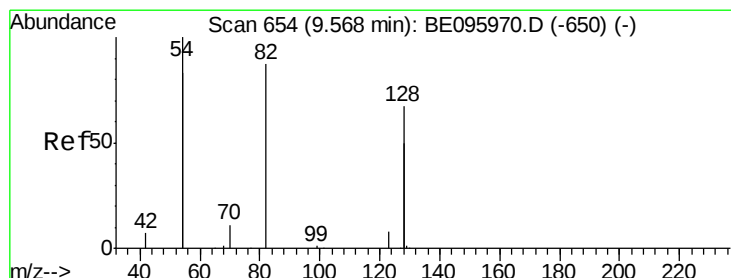
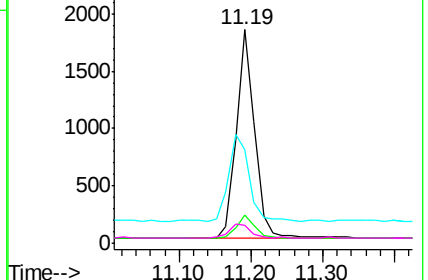
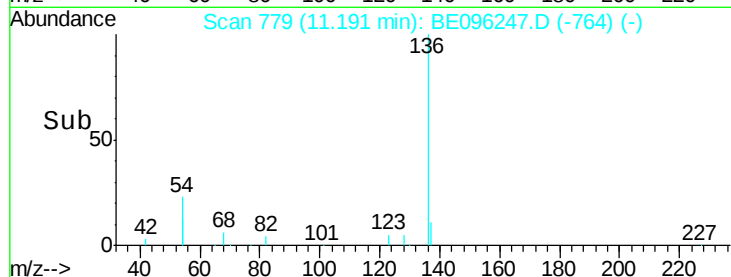


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.523 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096247.D

Acq: 1 May 2018 6:20

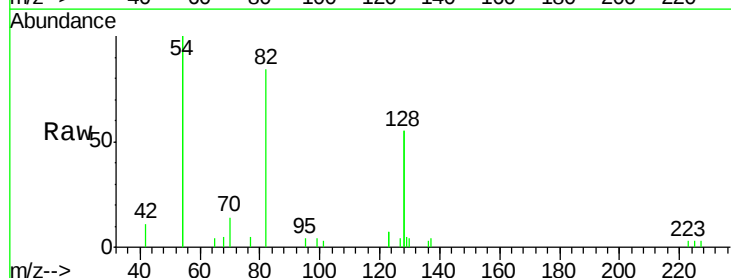
Tgt Ion: 82 Resp: 1970

Ion Ratio Lower Upper

82 100

128 131.9 150.0 225.0#

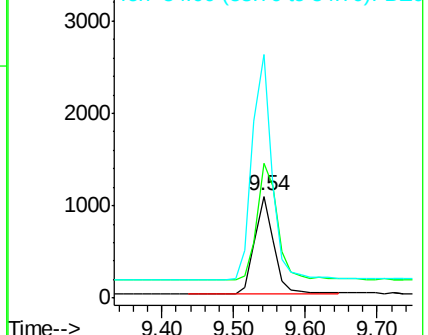
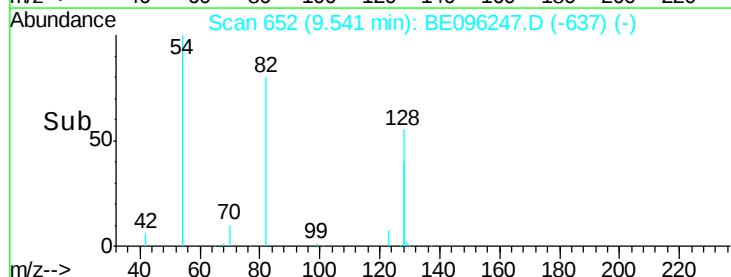
54 238.6 154.2 231.4#

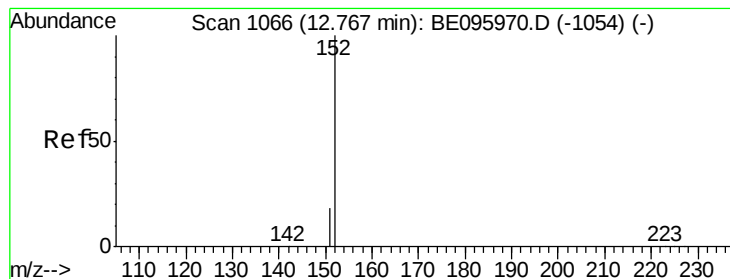


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096247.D

Acq: 1 May 2018 6:20

Instrument :

BNA_E

ClientSampleId :

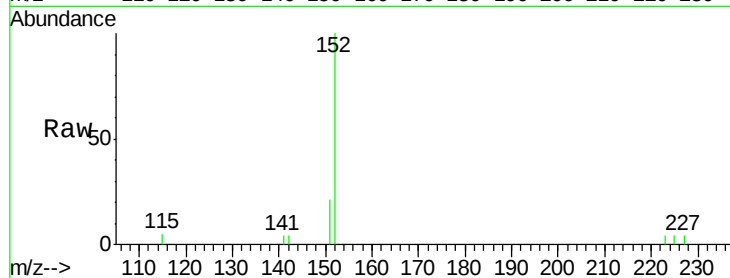
BP-FW-MW02-20180425

Tgt Ion:152 Resp: 1757

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

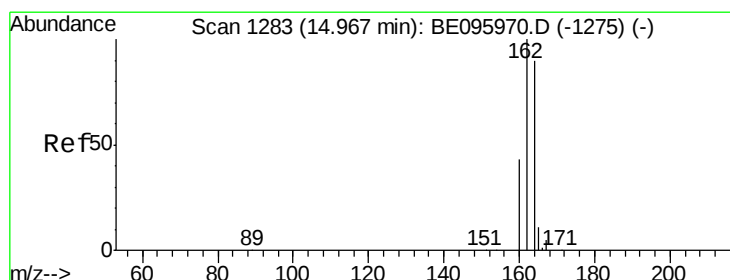
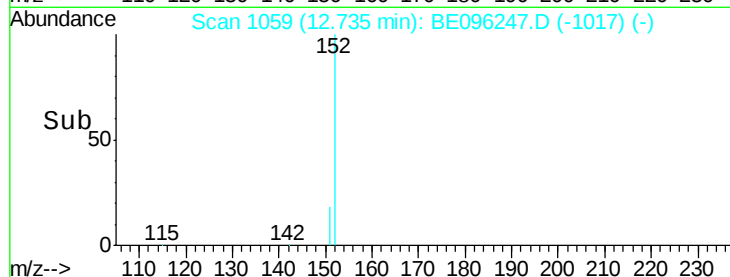
12.74

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: BE096247.D

Acq: 1 May 2018 6:20

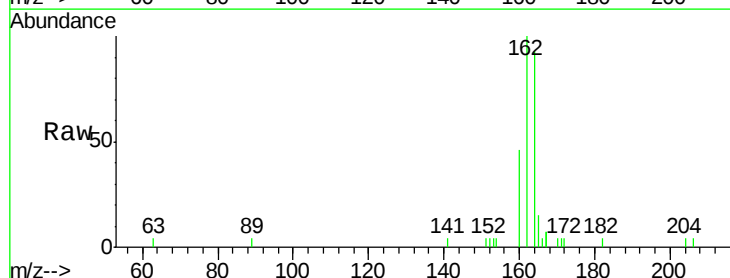
Tgt Ion:164 Resp: 1764

Ion Ratio Lower Upper

164 100

162 107.1 83.1 124.7

160 49.2 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

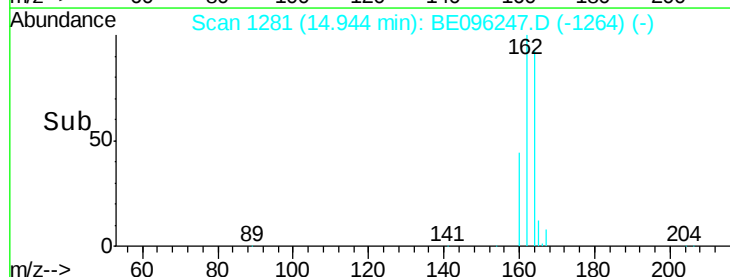
1500

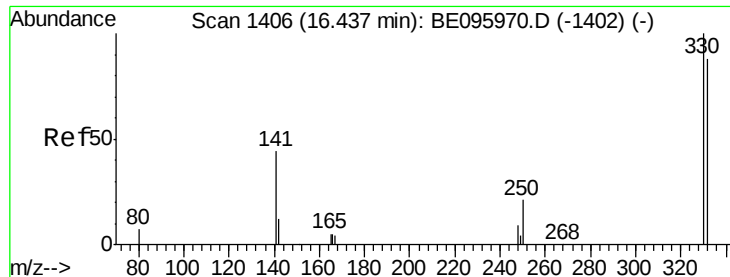
1000

500

0

Time-->

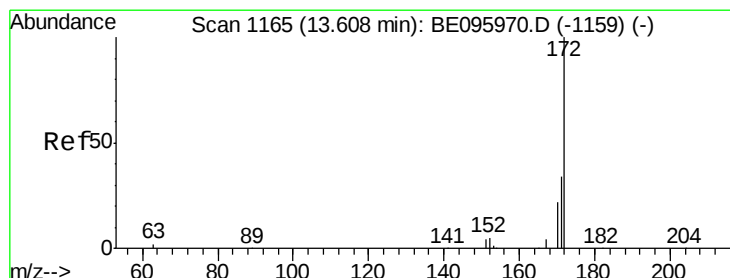
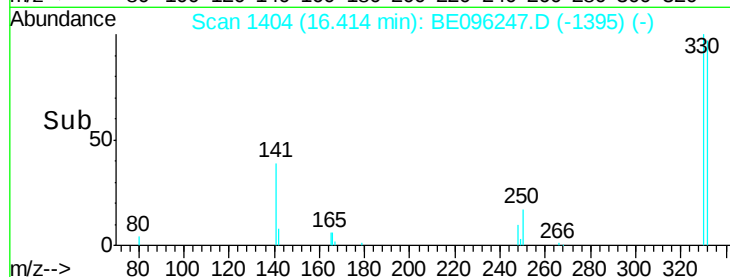
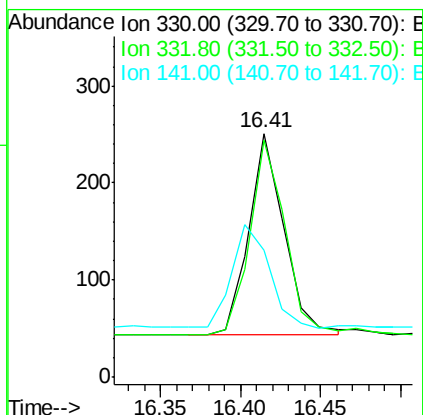
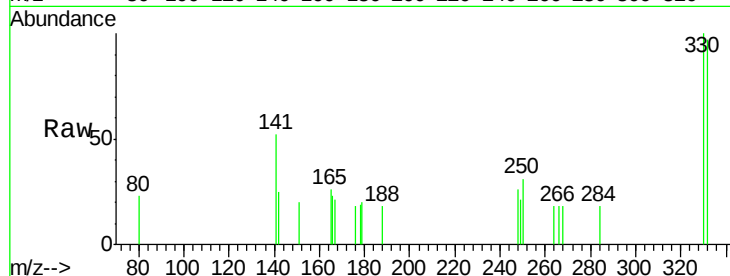




#14
 2,4,6-Tribromophenol
 Concen: 0.376 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096247.D
 Acq: 1 May 2018 6:20

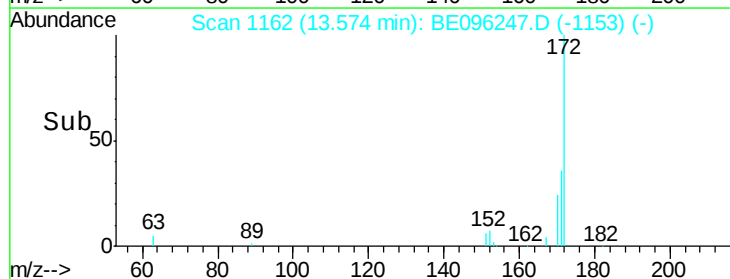
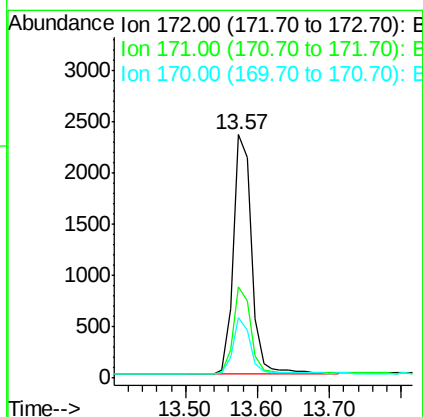
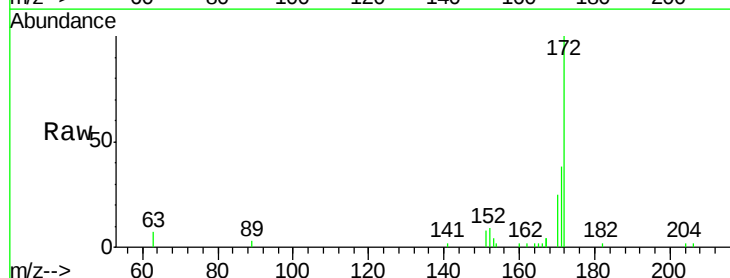
Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW02-20180425

Tgt Ion: 330 Resp: 320
 Ion Ratio Lower Upper
 330 100
 332 96.9 152.7 229.1#
 141 55.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.546 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BE096247.D
 Acq: 1 May 2018 6:20

Tgt Ion: 172 Resp: 4121
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.9 44.9
 170 25.1 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: BE096247.D

Acq: 1 May 2018 6:20

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20180425

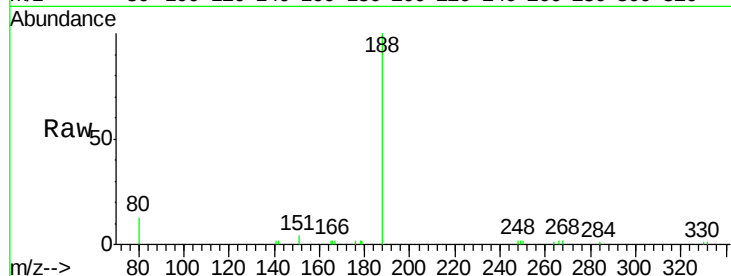
Tgt Ion:188 Resp: 4363

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

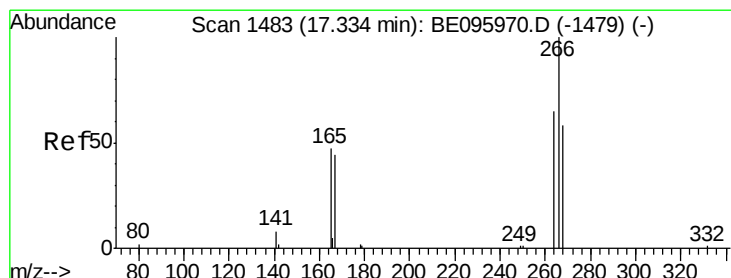
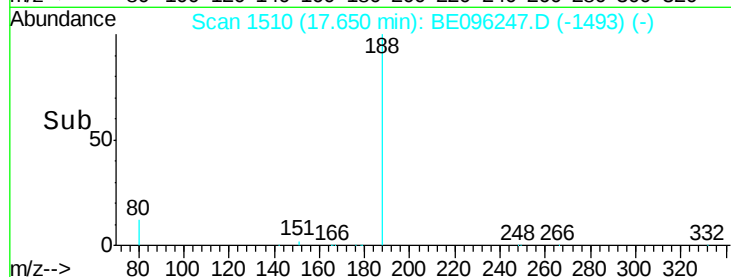
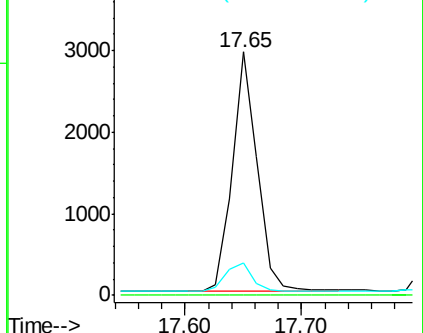
80 13.1 3.6 5.4#



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: 0.143 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096247.D

Acq: 1 May 2018 6:20

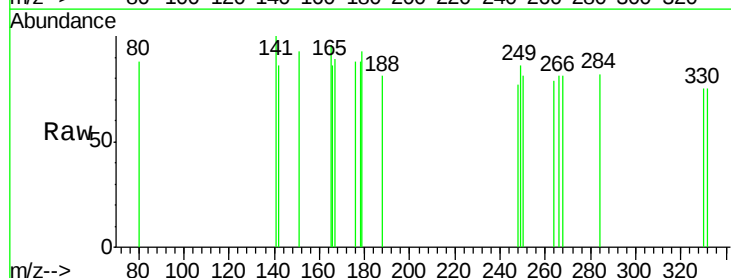
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 97.8 72.5 108.7

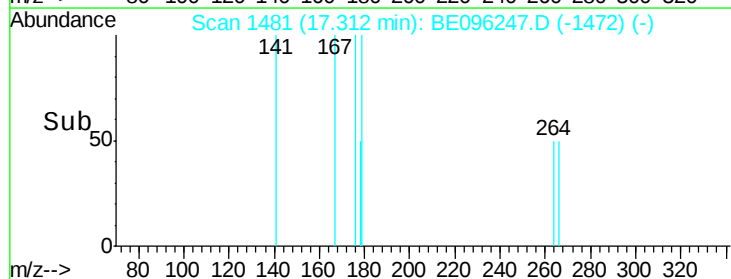
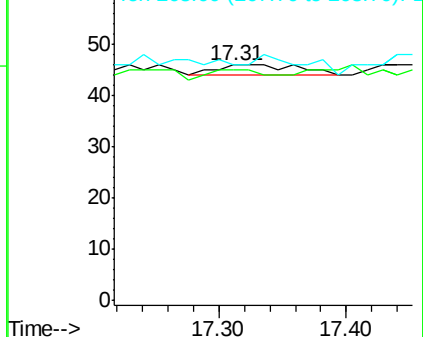
268 100.0 73.8 110.6

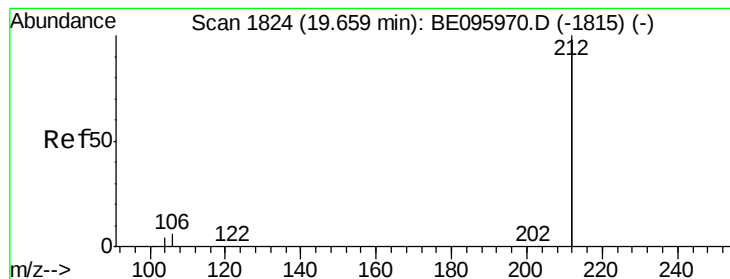


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.64 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BE096247.D

Acq: 1 May 2018 6:20

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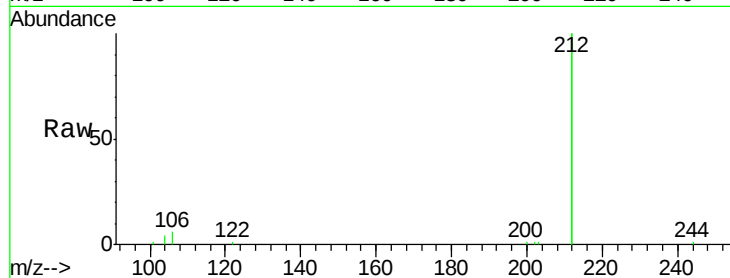
Tgt Ion:212 Resp: 20612

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

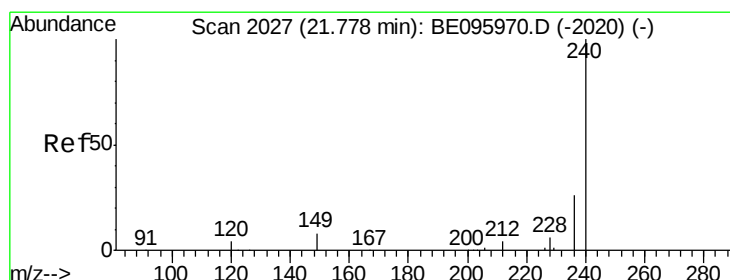
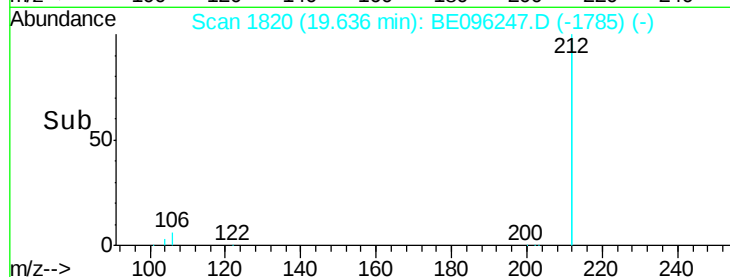
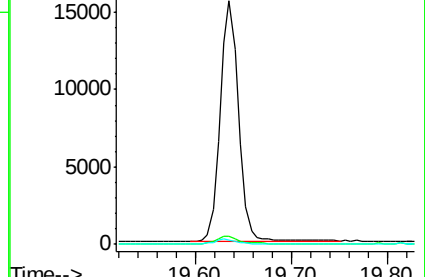
104 1.8 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096247.D

Acq: 1 May 2018 6:20

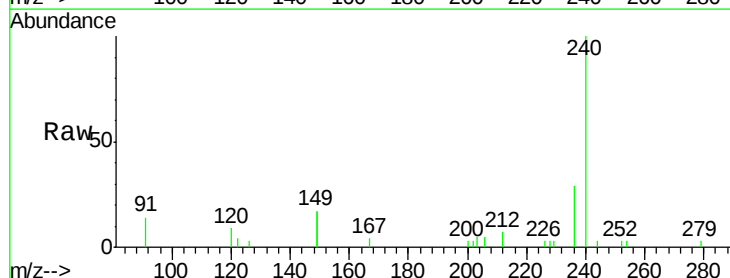
Tgt Ion:240 Resp: 4168

Ion Ratio Lower Upper

240 100

120 8.7 5.5 8.3#

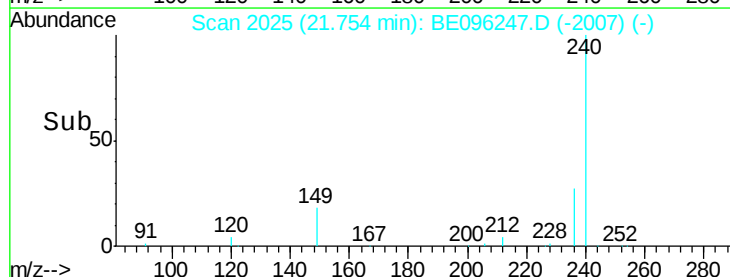
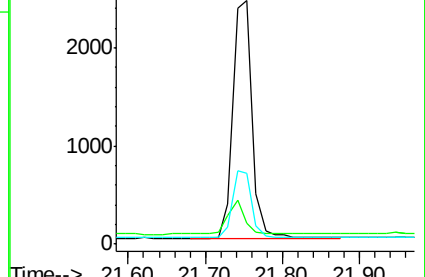
236 29.0 20.7 31.1

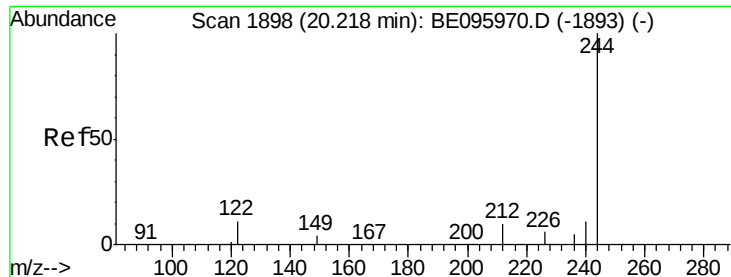


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.684 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096247.D

Acq: 1 May 2018 6:20

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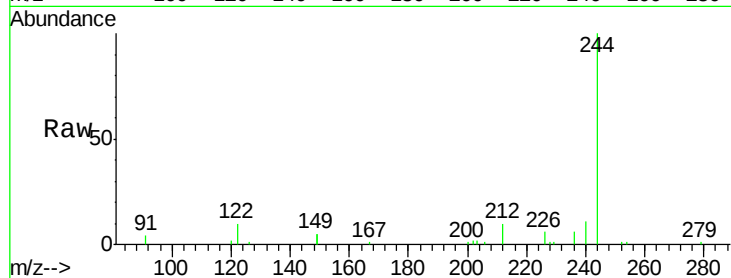
Tgt Ion:244 Resp: 6298

Ion Ratio Lower Upper

244 100

212 10.4 25.4 38.0#

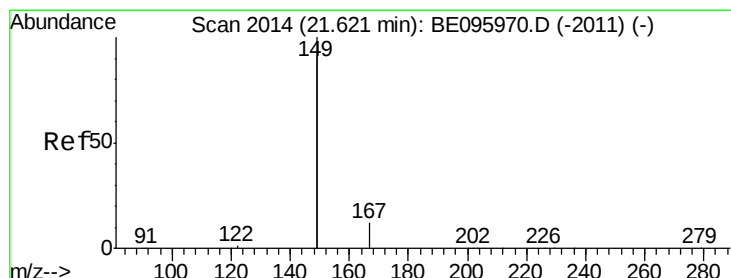
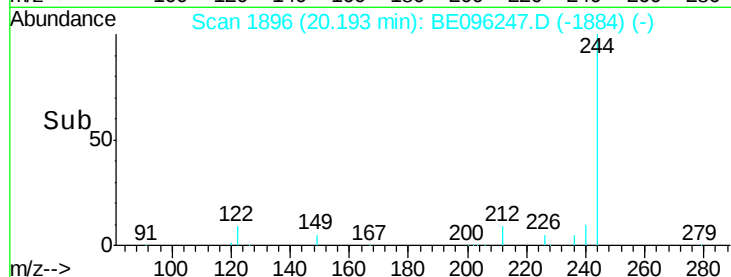
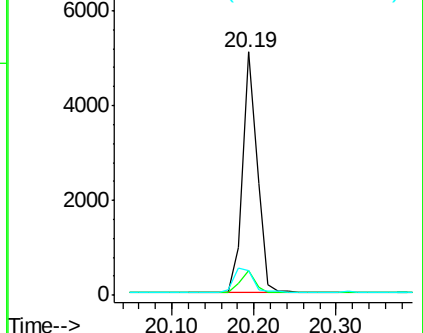
122 10.3 8.1 12.1



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: 0.030 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096247.D

Acq: 1 May 2018 6:20

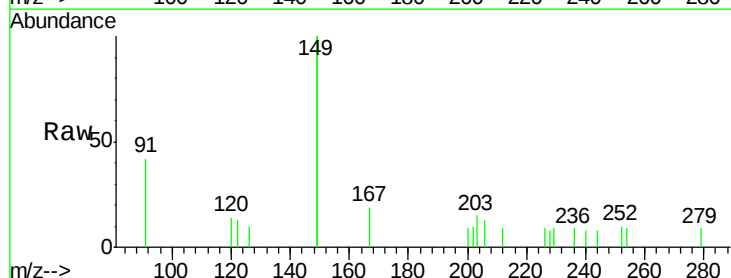
Tgt Ion:149 Resp: 1026

Ion Ratio Lower Upper

149 100

167 8.1 5.4 8.0#

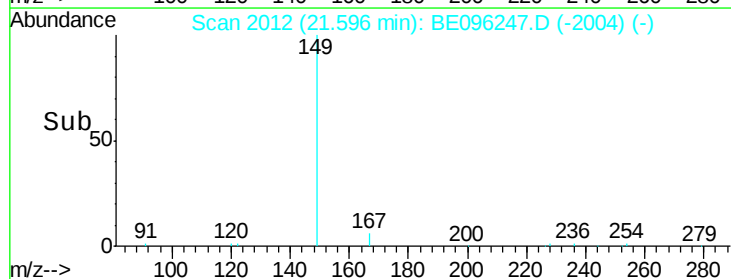
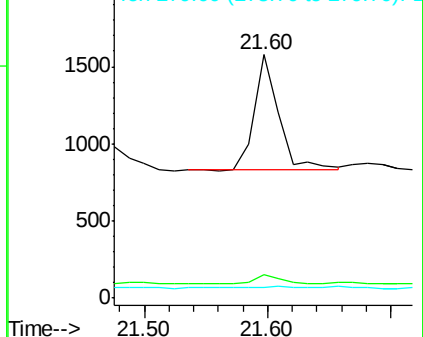
279 2.5 0.7 1.1#

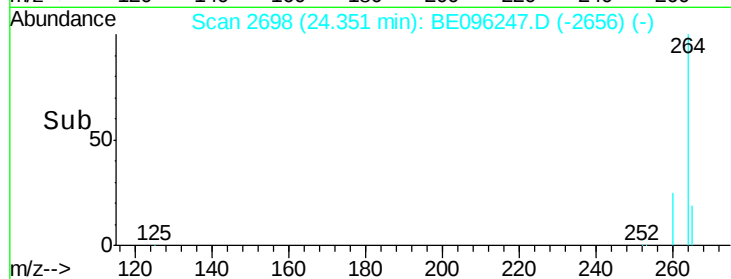
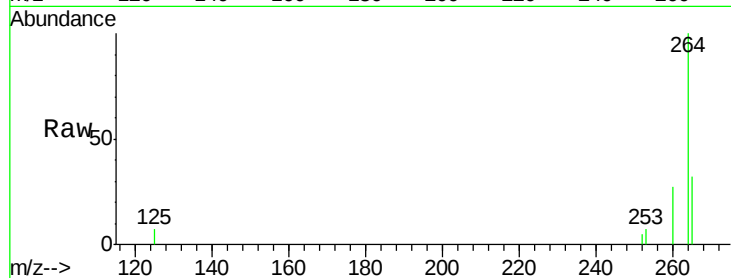


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2698

Delta R.T. 0.00 min

Lab File: BE096247.D

Acq: 1 May 2018 6:20

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20180425

Tgt Ion: 264 Resp: 4133

Ion Ratio Lower Upper

264 100

260 27.3 20.5 30.7

265 32.3 22.8 34.2

