

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
 Data File : BE096257.D
 Acq On : 1 May 2018 14:26
 Operator : SJ/JU
 Sample : J2507-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW003-180419

Quant Time: May 02 02:36:09 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

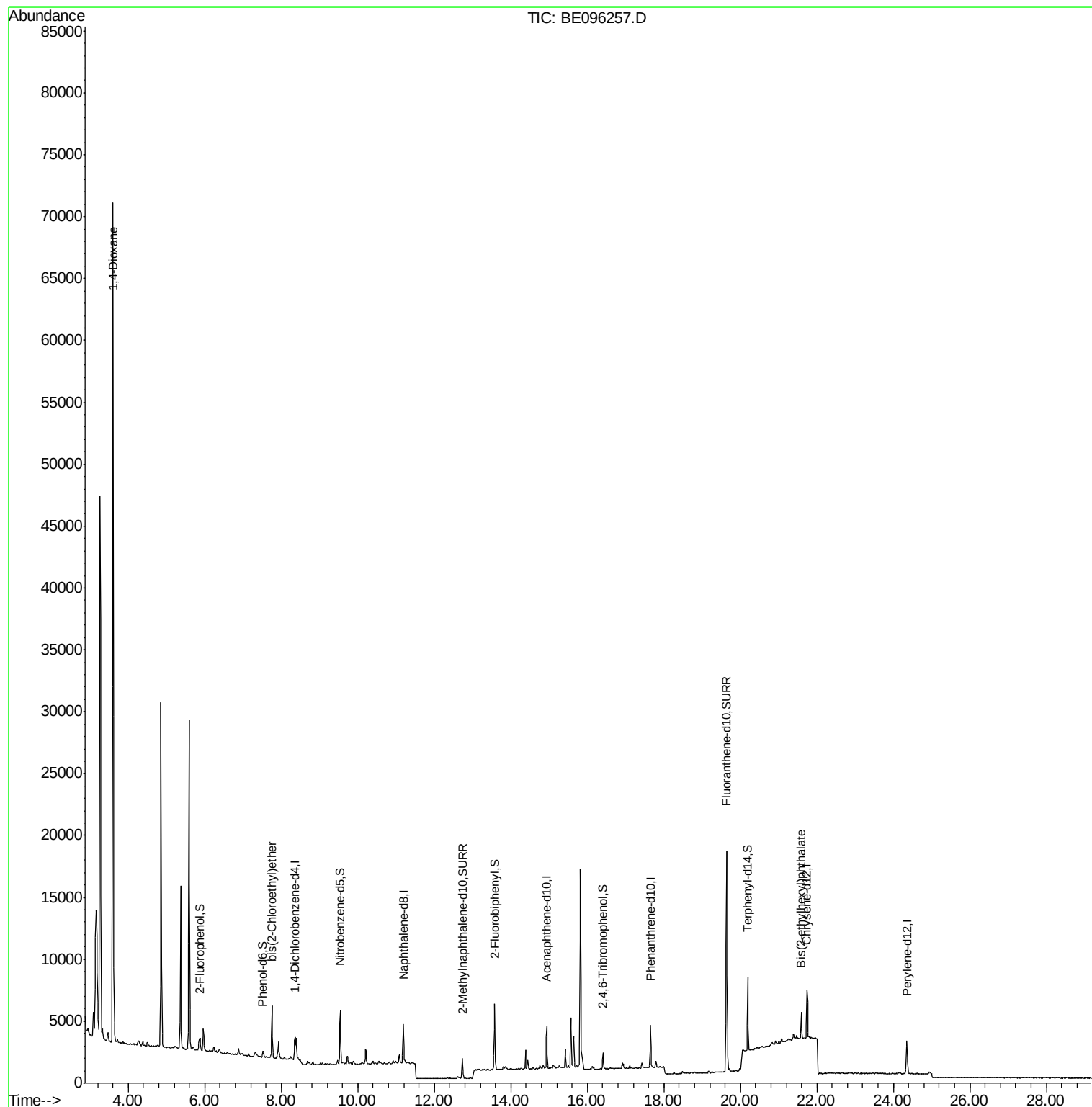
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	908	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3426	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1897	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4291	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4248	0.40	ng	0.00
34) Perylene-d12	24.35	264	3957	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	493	0.18	ng	0.01
5) Phenol-d6	7.52	99	420	0.11	ng	0.01
8) Nitrobenzene-d5	9.54	82	1727	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2144	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	383	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	4200	0.52	ng	0.00
25) Fluoranthene-d10	19.64	212	23300	0.40	ng	0.00
29) Terphenyl-d14	20.19	244	5189	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.61	88	48384	34.496	ng	Qvalue # 89
6) bis(2-Chloroethyl)ether	7.76	93	1565	0.459	ng	96
32) Bis(2-ethylhexyl)phthalate	21.60	149	2339	0.067	ng	97

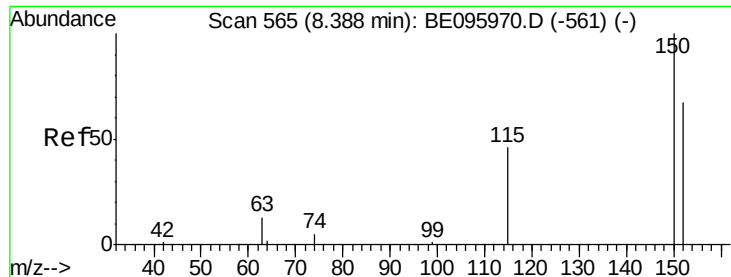
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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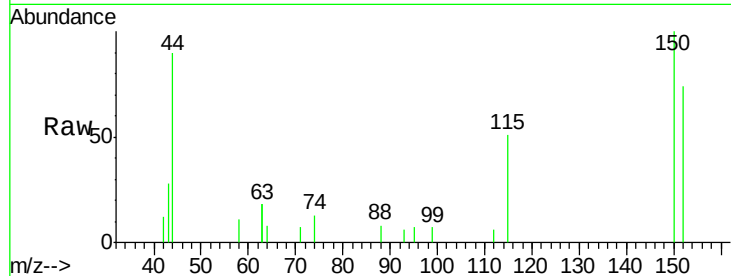


#1

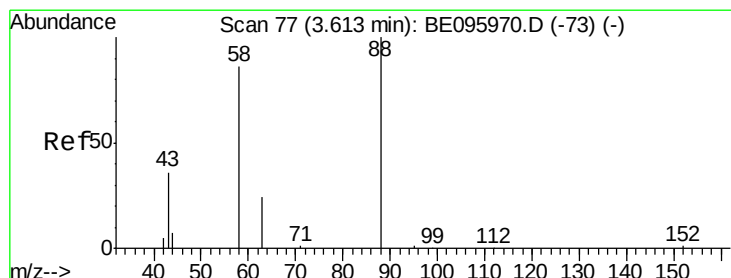
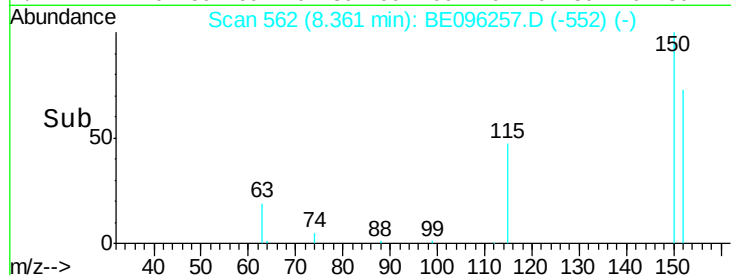
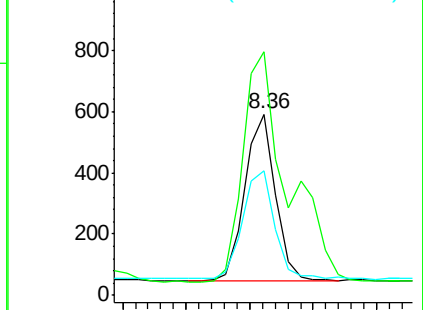
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096257.D
Acq: 1 May 2018 14:26

Instrument :
BNA_E
ClientSampleId :
LF001MW003-180419

Tgt Ion:152 Resp: 908
Ion Ratio Lower Upper
152 100
150 134.5 117.2 175.8
115 68.8 57.0 85.6



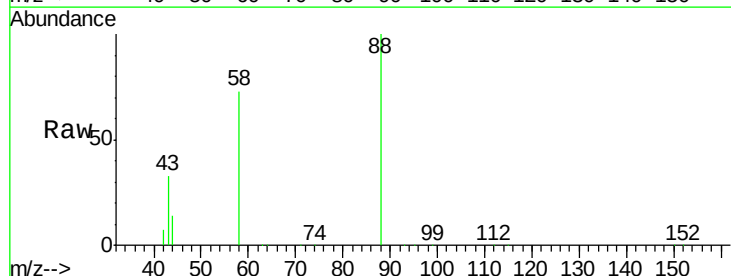
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



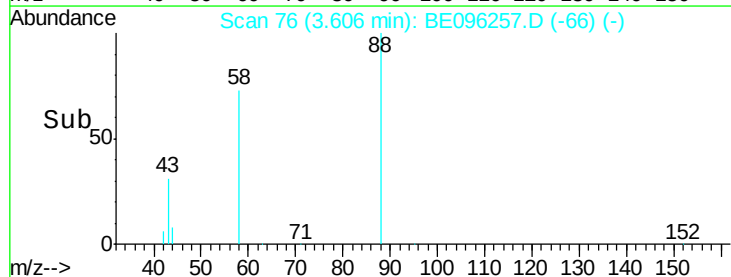
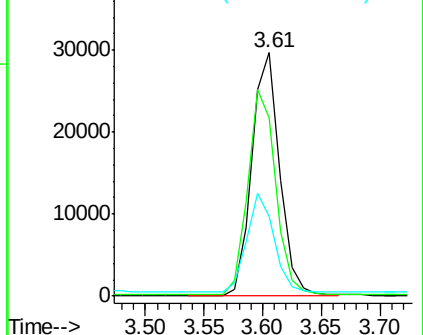
#2

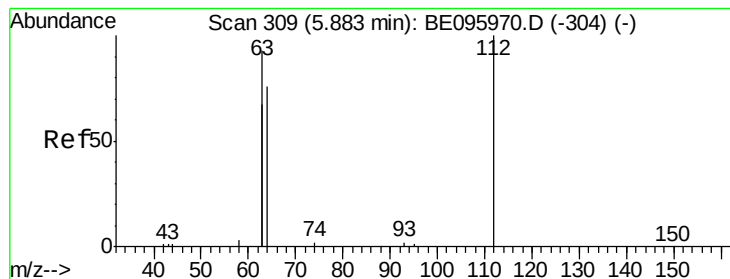
1,4-Dioxane
Concen: 34.496 ng
RT: 3.61 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096257.D
Acq: 1 May 2018 14:26

Tgt Ion: 88 Resp: 48384
Ion Ratio Lower Upper
88 100
58 84.9 63.2 94.8
43 39.6 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: 0.176 ng

RT: 5.88 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096257.D

Acq: 1 May 2018 14:26

Instrument :

BNA_E

ClientSampleId :

LF001MW003-180419

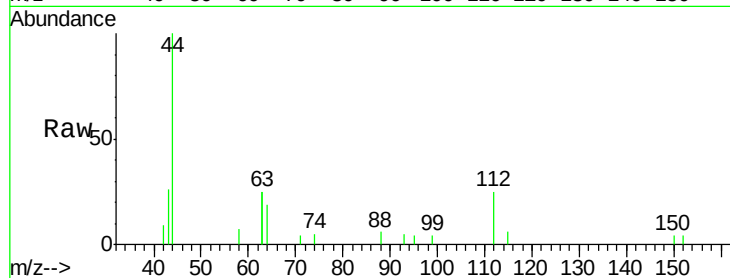
Tgt Ion: 112 Resp: 493

Ion Ratio Lower Upper

112 100

64 76.5 60.1 90.1

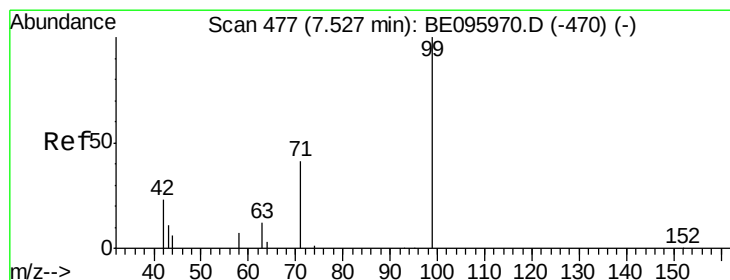
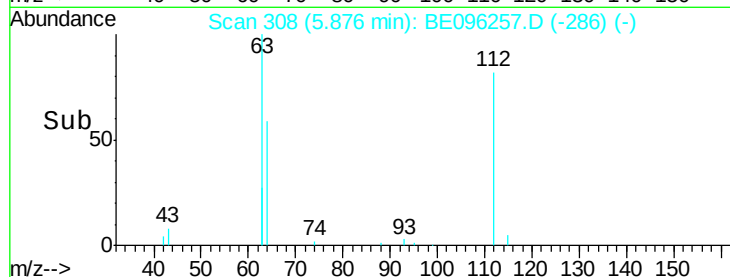
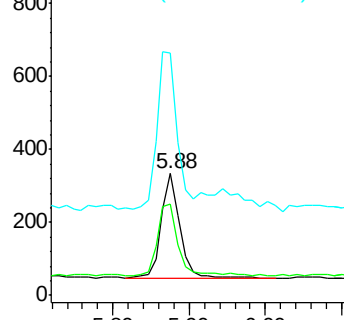
63 158.6 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.108 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096257.D

Acq: 1 May 2018 14:26

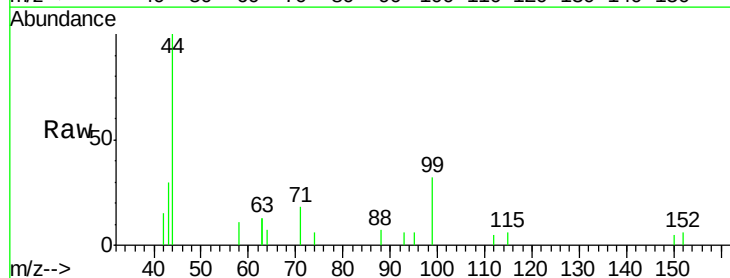
Tgt Ion: 99 Resp: 420

Ion Ratio Lower Upper

99 100

42 26.4 20.2 30.2

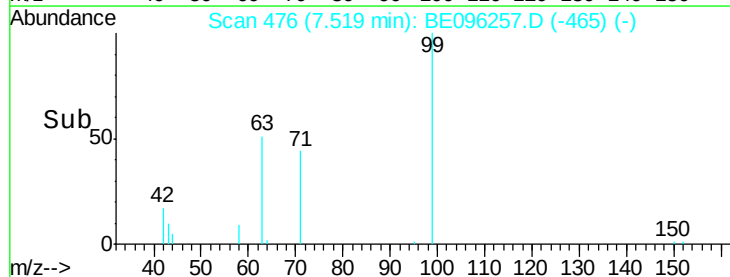
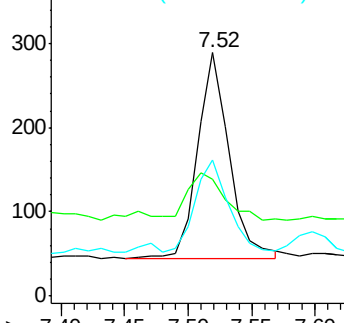
71 50.2 28.4 42.6#

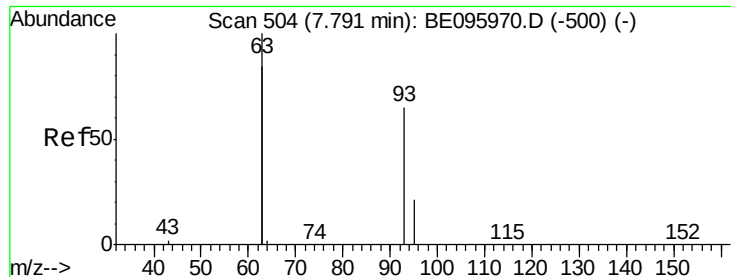


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.459 ng

RT: 7.76 min Scan# 501

Delta R.T. 0.00 min

Lab File: BE096257.D

Acq: 1 May 2018 14:26

Instrument :

BNA_E

ClientSampleId :

LF001MW003-180419

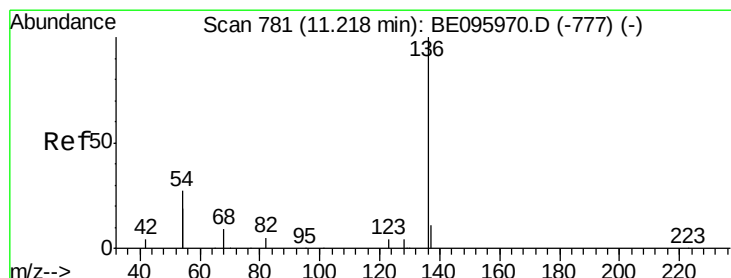
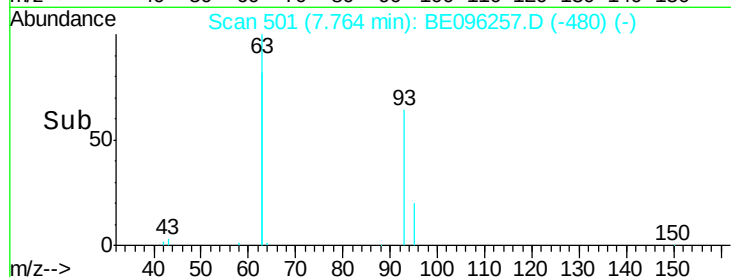
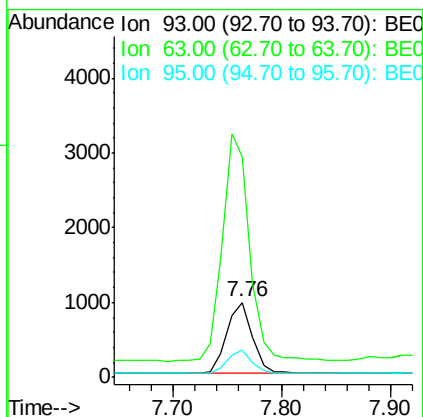
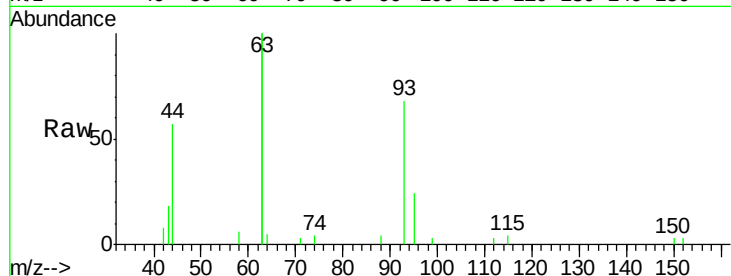
Tgt Ion: 93 Resp: 1565

Ion Ratio Lower Upper

93 100

63 333.9 275.3 412.9

95 32.1 25.2 37.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096257.D

Acq: 1 May 2018 14:26

Tgt Ion: 136 Resp: 3426

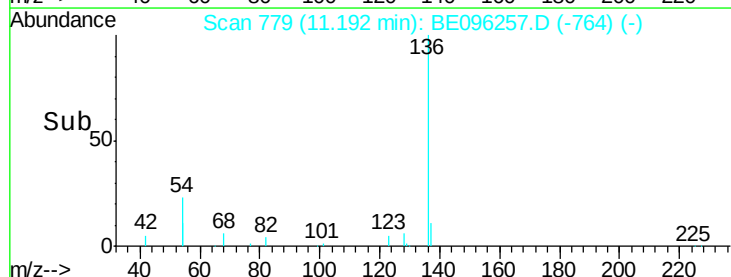
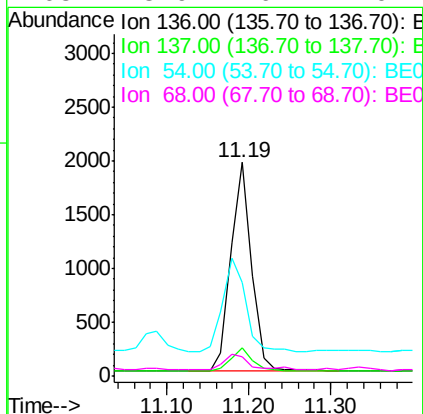
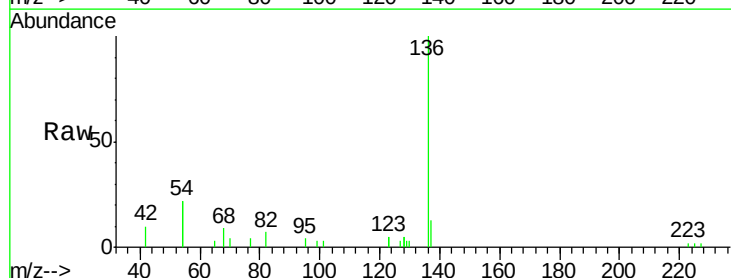
Ion Ratio Lower Upper

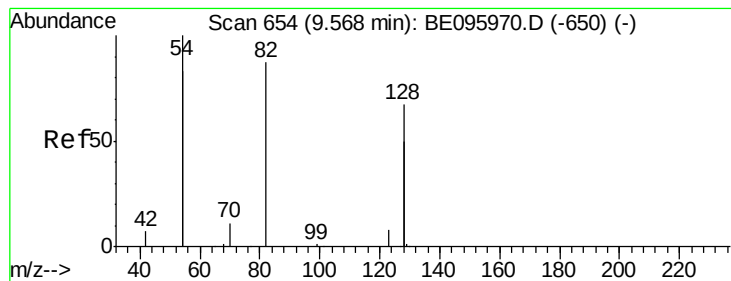
136 100

137 13.0 9.5 14.3

54 43.5 29.1 43.7

68 8.9 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.430 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096257.D

Acq: 1 May 2018 14:26

Instrument :

BNA_E

ClientSampleId :

LF001MW003-180419

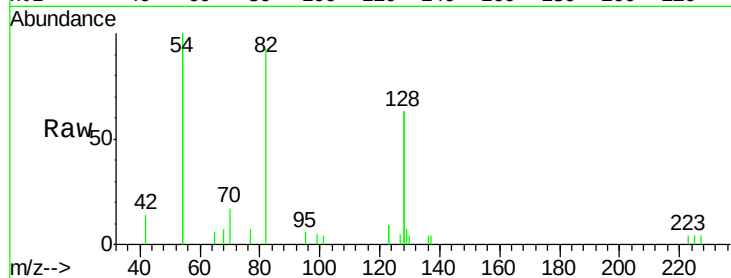
Tgt Ion: 82 Resp: 1727

Ion Ratio Lower Upper

82 100

128 137.0 150.0 225.0#

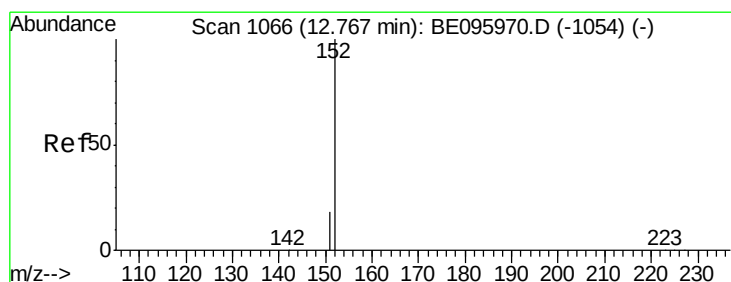
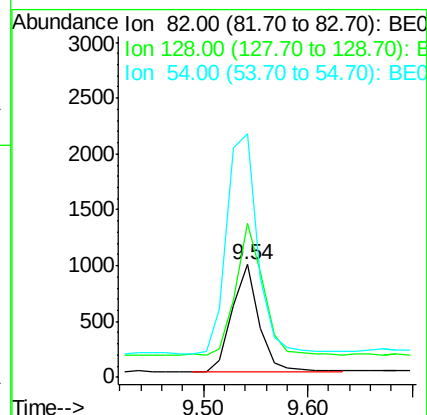
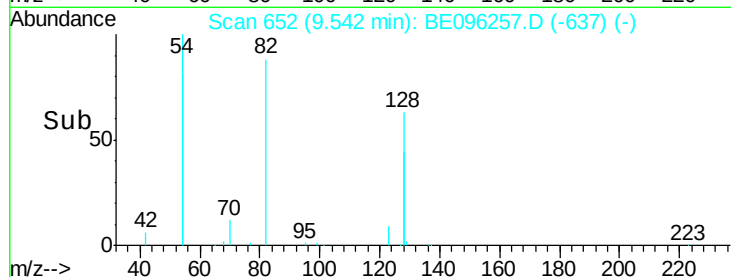
54 216.1 154.2 231.4



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: 0.395 ng

RT: 12.73 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE096257.D

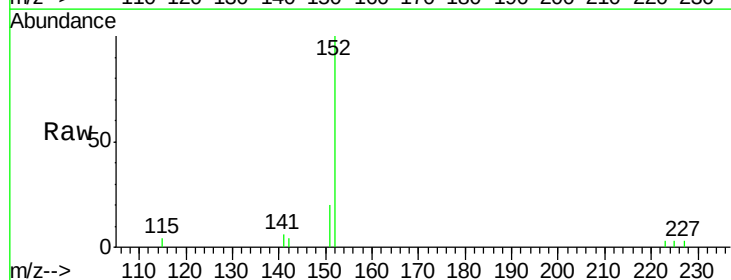
Acq: 1 May 2018 14:26

Tgt Ion: 152 Resp: 2144

Ion Ratio Lower Upper

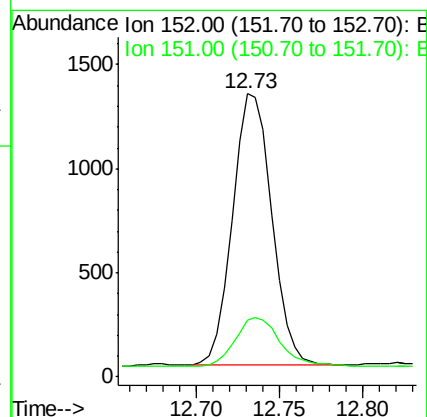
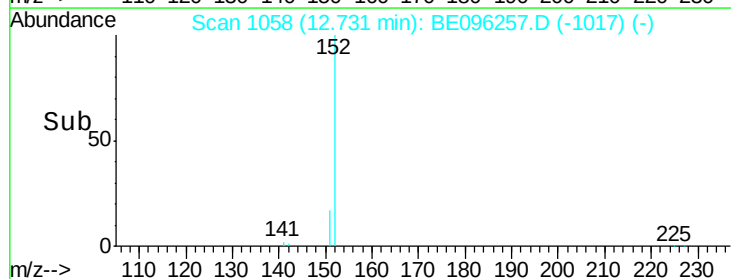
152 100

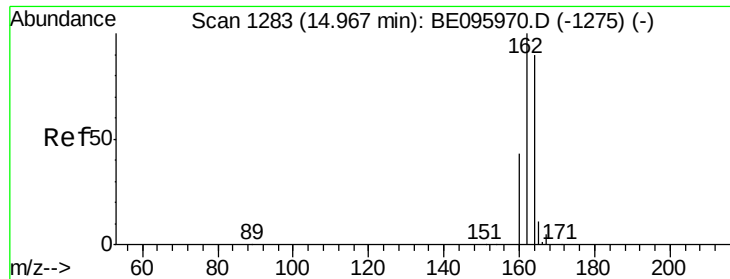
151 20.3 15.4 23.0



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: BE096257.D

Acq: 1 May 2018 14:26

Instrument :

BNA_E

ClientSampleId :

LF001MW003-180419

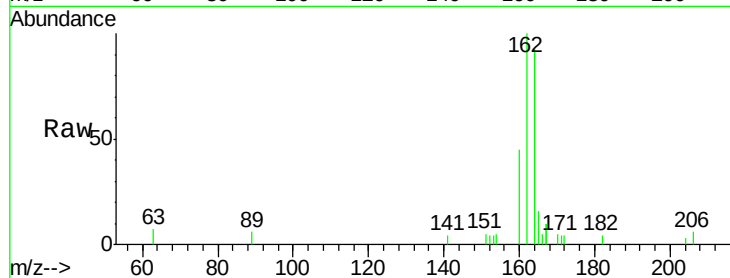
Tgt Ion:164 Resp: 1897

Ion Ratio Lower Upper

164 100

162 107.2 83.1 124.7

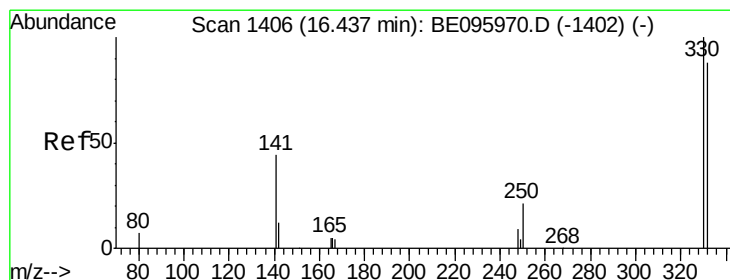
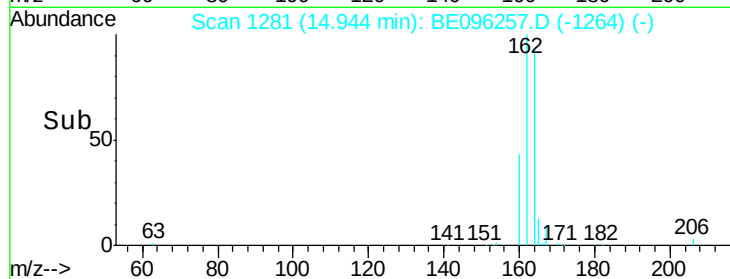
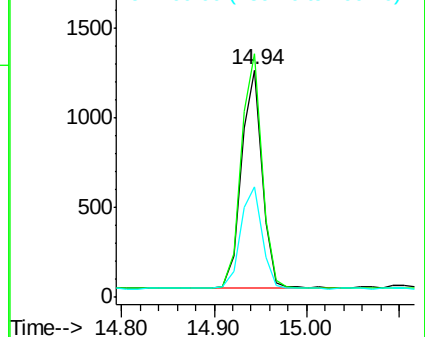
160 48.7 37.1 55.7



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: 0.418 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096257.D

Acq: 1 May 2018 14:26

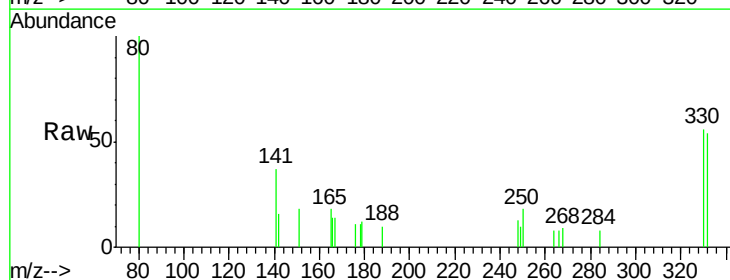
Tgt Ion:330 Resp: 383

Ion Ratio Lower Upper

330 100

332 99.5 152.7 229.1#

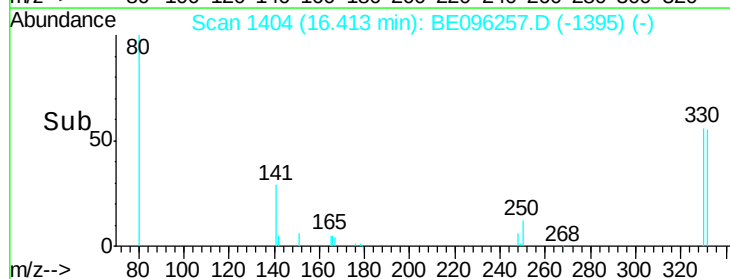
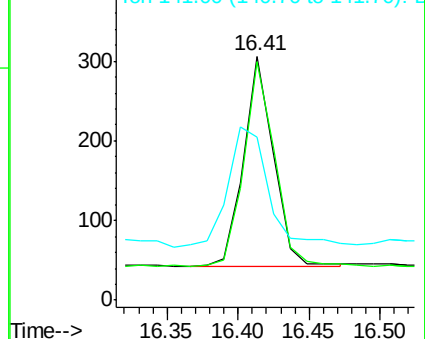
141 79.4 33.7 50.5#

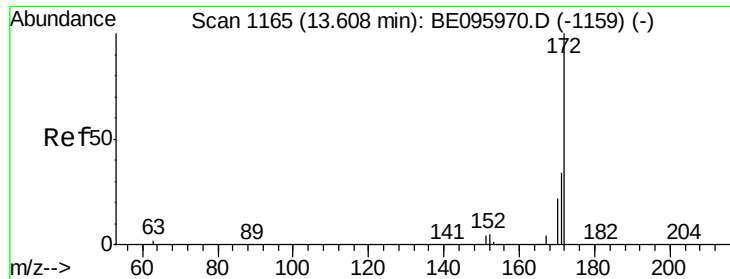


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

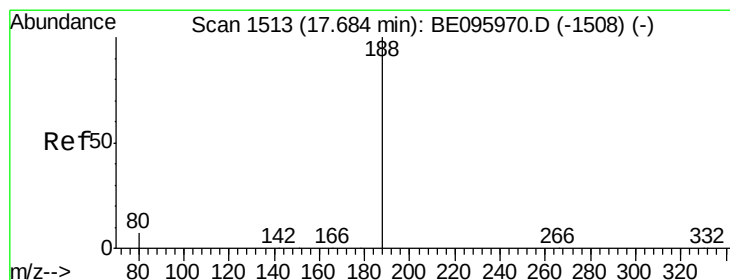
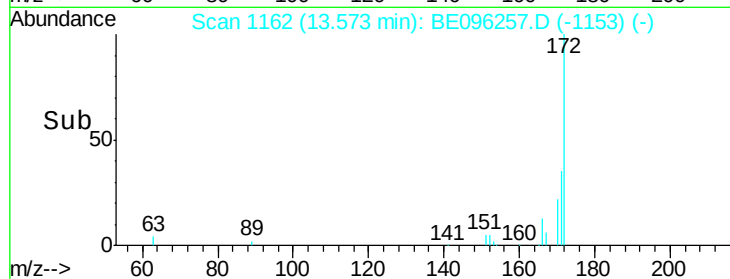
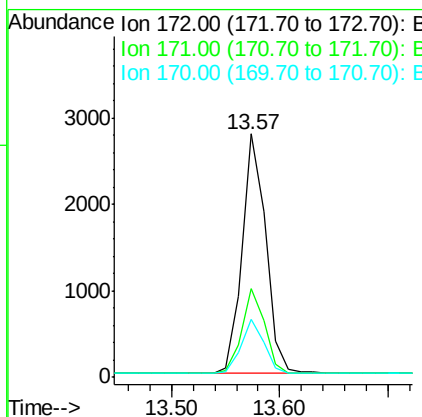
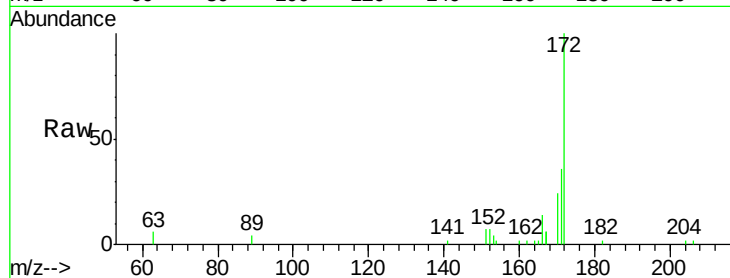




#15
2-Fluorobiphenyl
Concen: 0.518 ng
RT: 13.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE096257.D
Acq: 1 May 2018 14:26

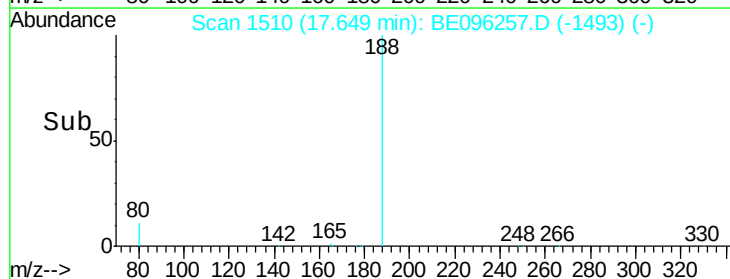
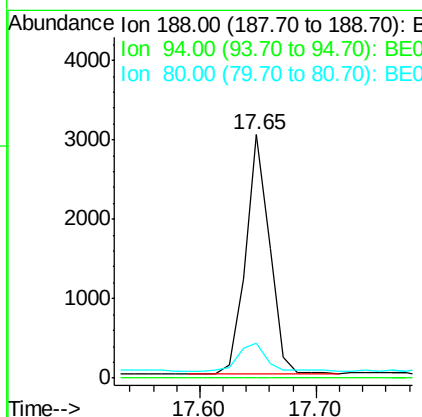
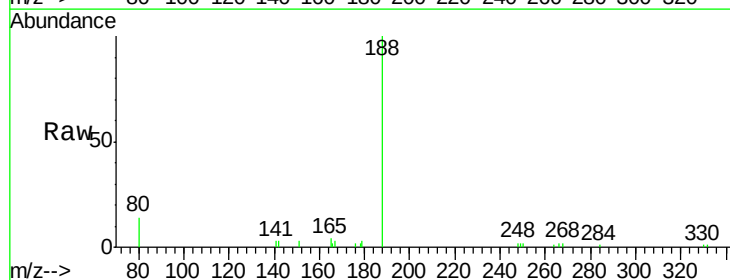
Instrument :
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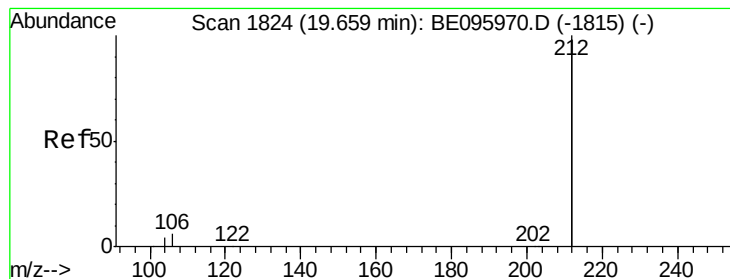
Tgt Ion:172 Resp: 4200
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 23.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096257.D
Acq: 1 May 2018 14:26

Tgt Ion:188 Resp: 4291
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.3 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096257.D

Acq: 1 May 2018 14:26

Instrument :

BNA_E

ClientSampleId :

LF001MW003-180419

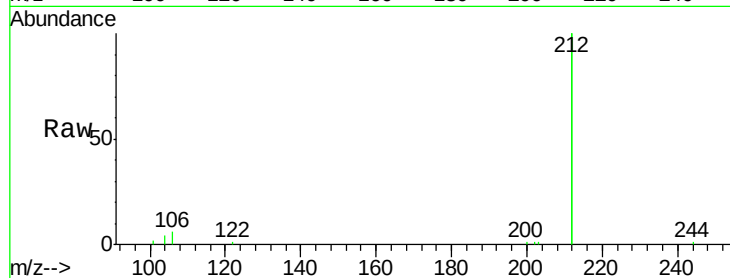
Tgt Ion:212 Resp: 23300

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

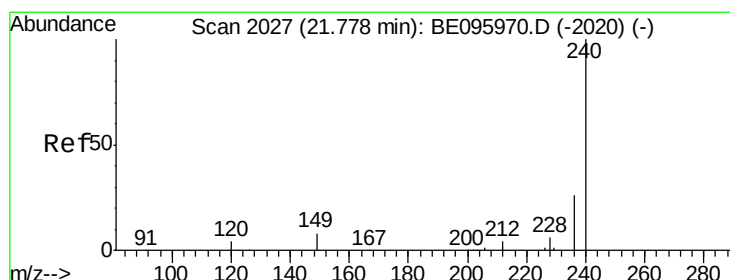
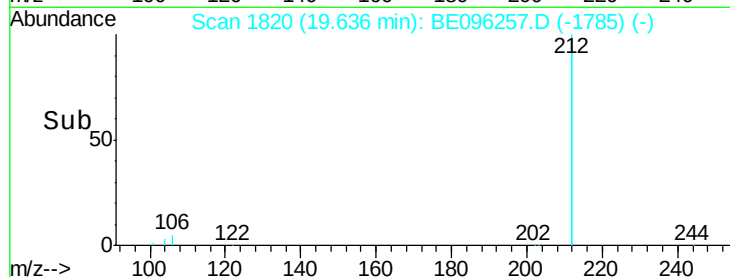
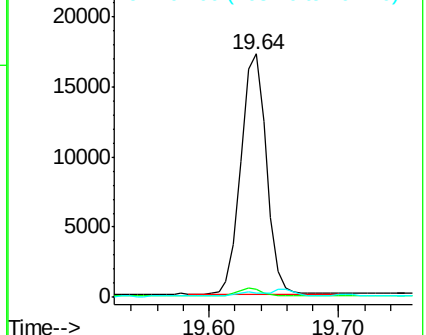
104 1.8 1.6 2.4



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: 21.74 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE096257.D

Acq: 1 May 2018 14:26

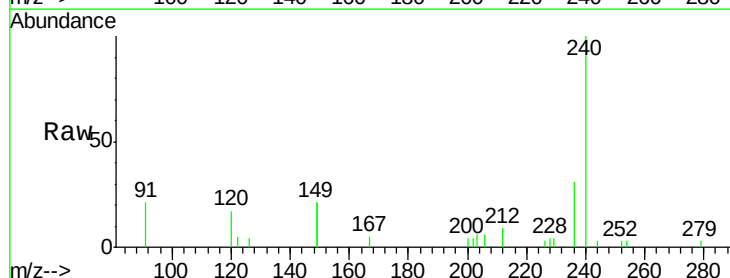
Tgt Ion:240 Resp: 4248

Ion Ratio Lower Upper

240 100

120 17.0 5.5 8.3#

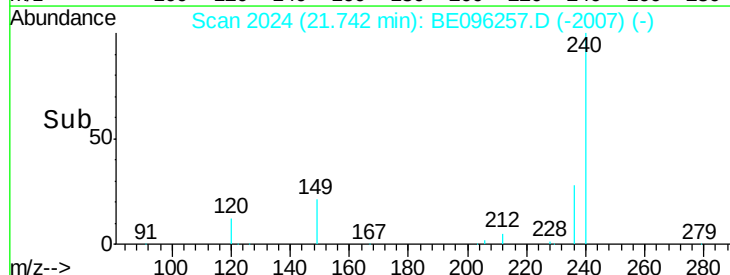
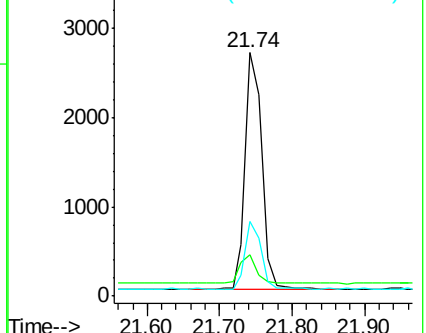
236 30.6 20.7 31.1

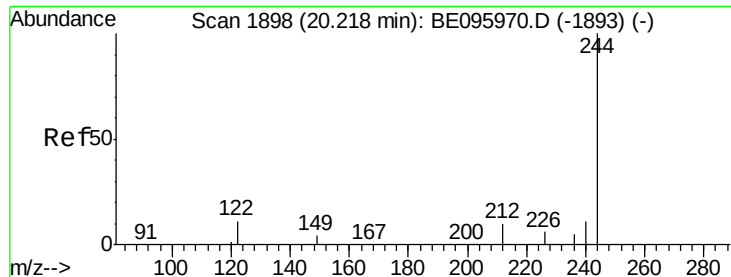


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.553 ng

RT: 20.19 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BE096257.D

Acq: 1 May 2018 14:26

Instrument :

BNA_E

ClientSampleId :

LF001MW003-180419

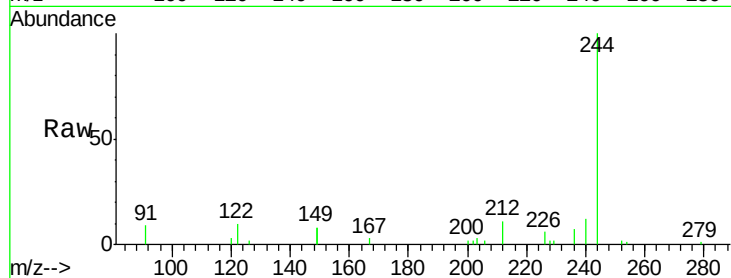
Tgt Ion:244 Resp: 5189

Ion Ratio Lower Upper

244 100

212 10.7 25.4 38.0#

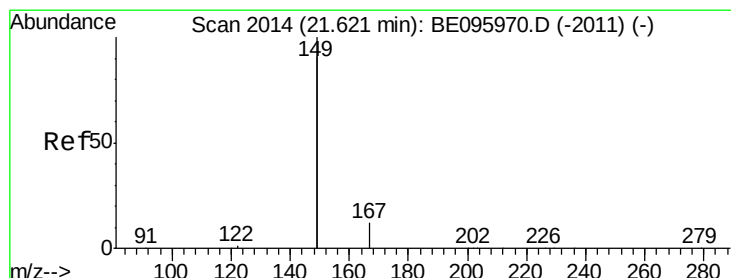
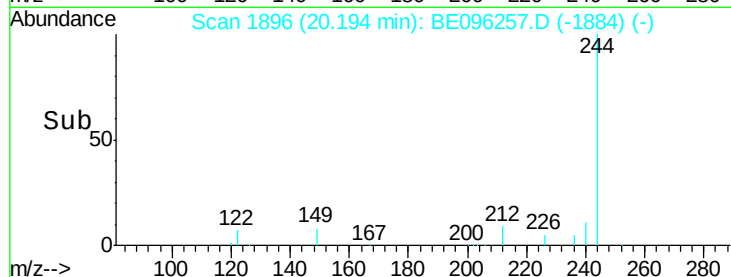
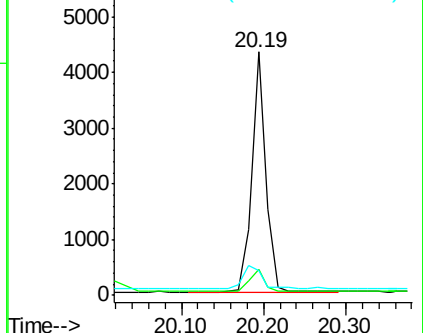
122 10.3 8.1 12.1



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: 0.067 ng

RT: 21.60 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BE096257.D

Acq: 1 May 2018 14:26

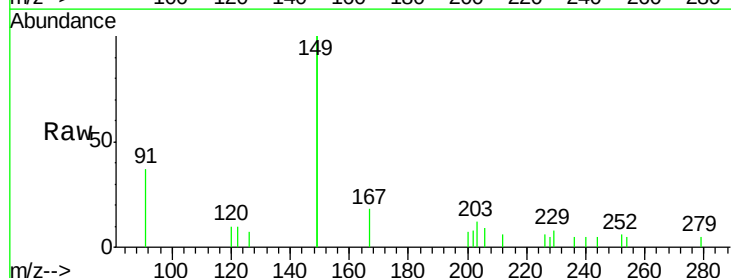
Tgt Ion:149 Resp: 2339

Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

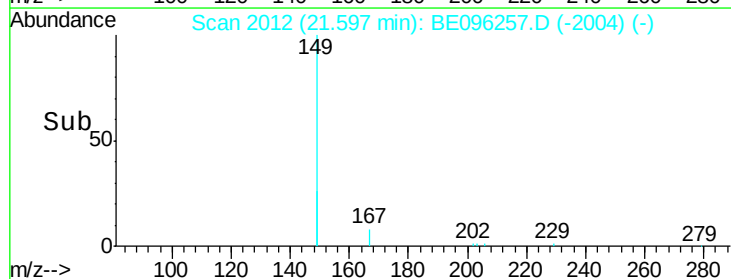
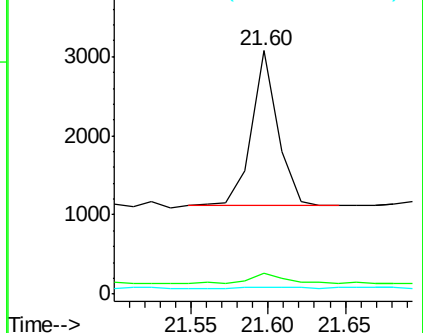
279 1.0 0.7 1.1

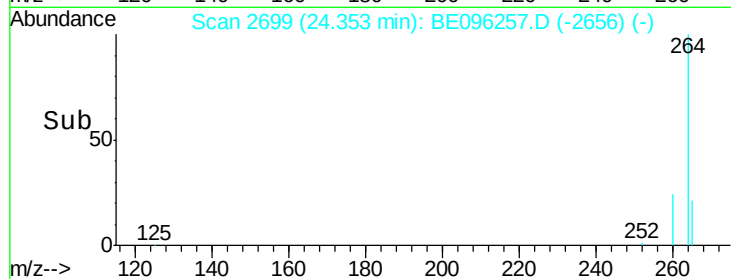
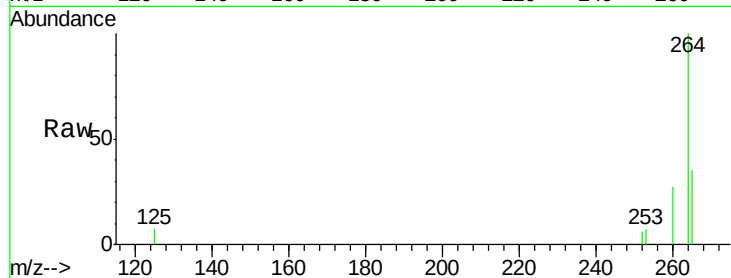
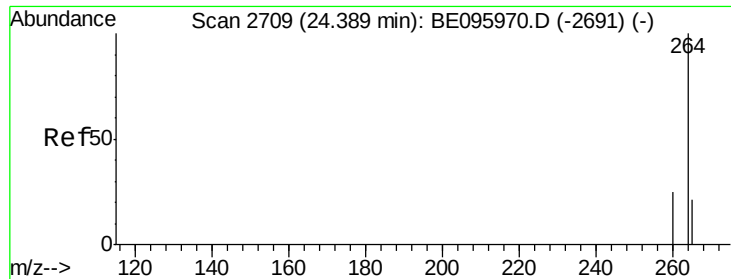


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2699

Delta R.T. 0.00 min

Lab File: BE096257.D

Acq: 1 May 2018 14:26

Instrument :

BNA_E

ClientSampleId :

LF001MW003-180419

Tgt Ion: 264 Resp: 3957

Ion Ratio Lower Upper

264 100

260 26.5 20.5 30.7

265 34.7 22.8 34.2#

