

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096299.D
 Acq On : 2 May 2018 18:18
 Operator : SJ/JU
 Sample : J2507-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW002-180419

Quant Time: May 03 02:27:59 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

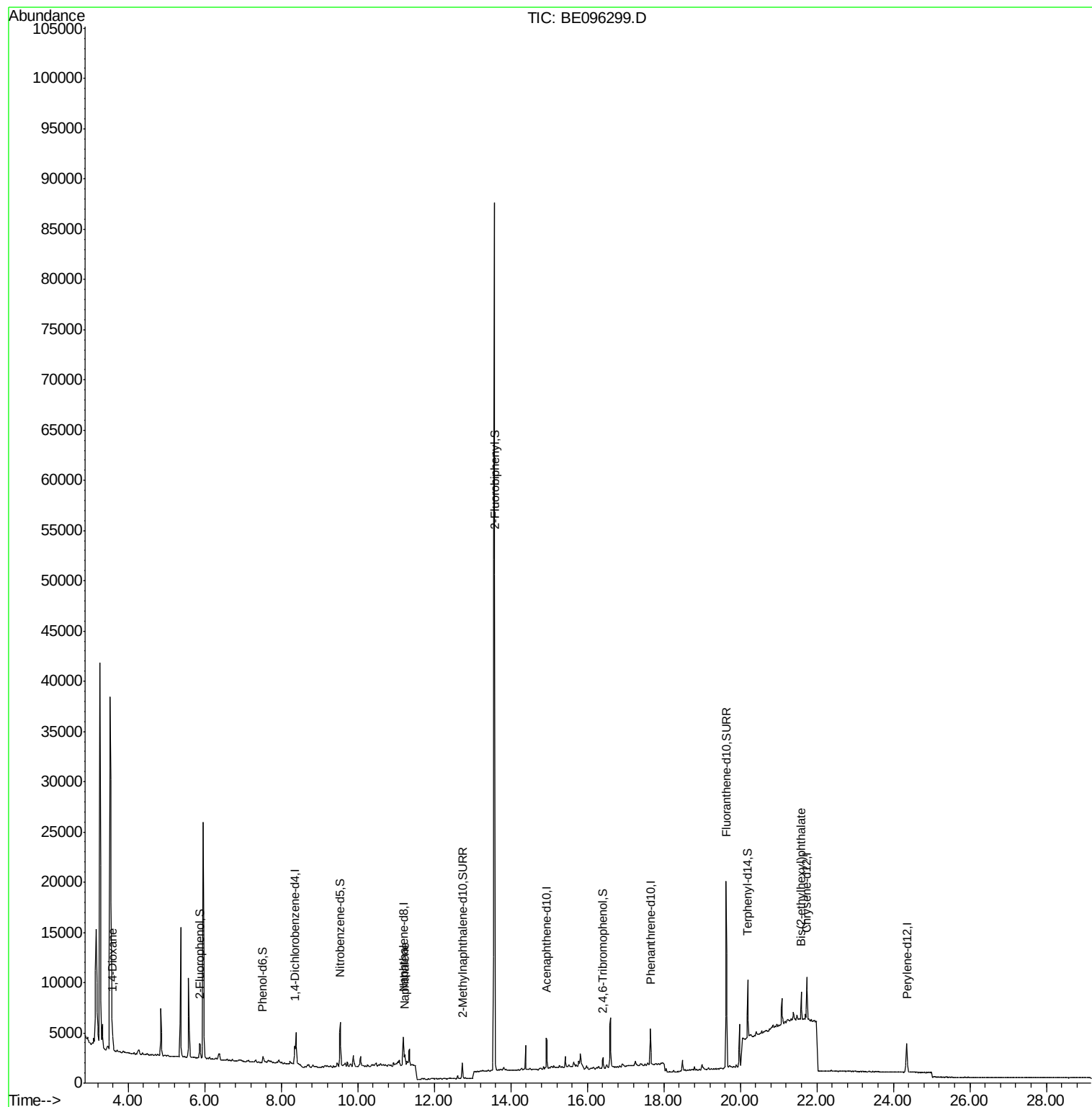
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	898	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3429	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	2037	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	4562	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4577	0.40	ng	0.00
34) Perylene-d12	24.34	264	4503	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	480	0.17	ng	0.01
5) Phenol-d6	7.52	99	419	0.11	ng	0.01
8) Nitrobenzene-d5	9.54	82	1713	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2140	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	464	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3997	0.46	ng	0.00
25) Fluoranthene-d10	19.63	212	24554	0.40	ng	0.00
29) Terphenyl-d14	20.19	244	5020	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	692	0.499	ng	# 83
9) Naphthalene	11.23	128	1199	0.033	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.60	149	3276	0.086	ng	# 95

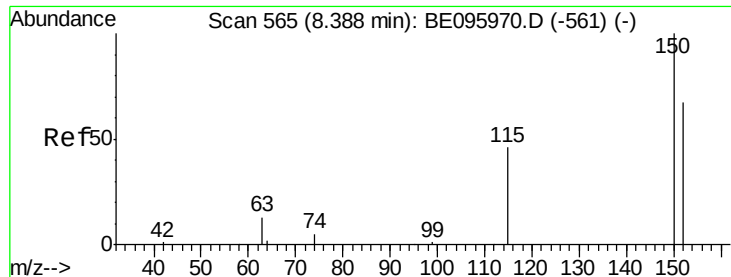
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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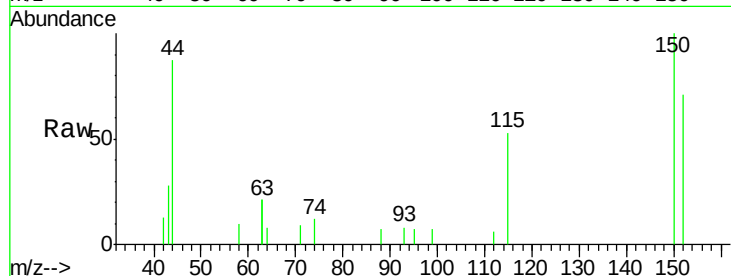


#1

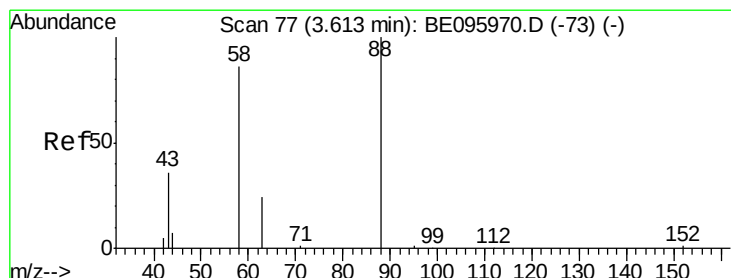
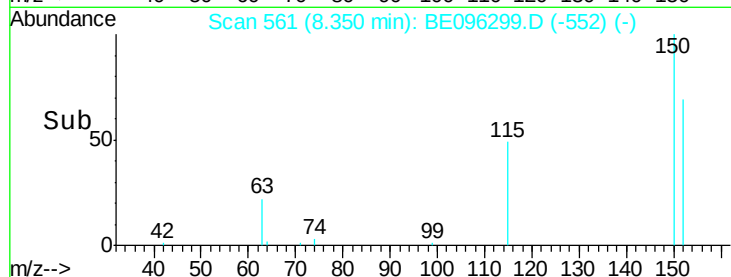
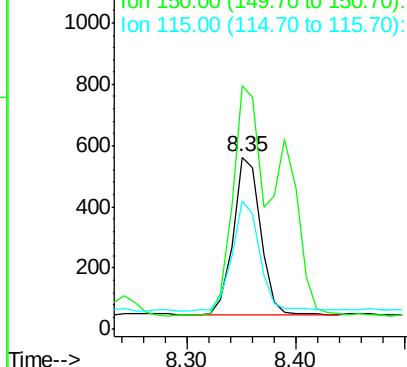
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. -0.01 min
Lab File: BE096299.D
Acq: 2 May 2018 18:18

Instrument :
BNA_E
ClientSampleId :
LF001MW002-180419

Tot Ion:152 Resp: 898
Ion Ratio Lower Upper
152 100
150 141.5 117.2 175.8
115 74.7 57.0 85.6



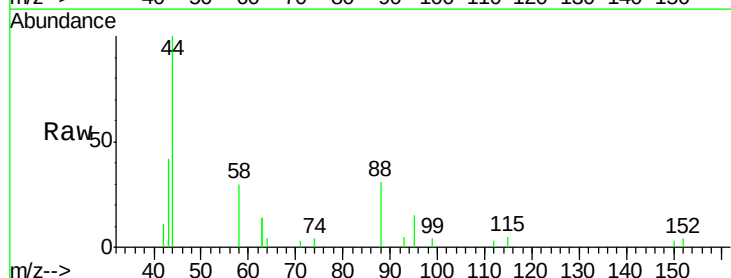
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



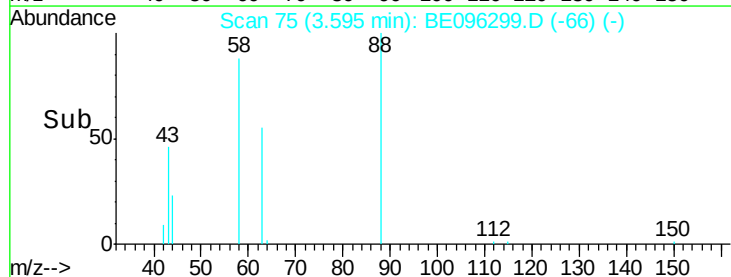
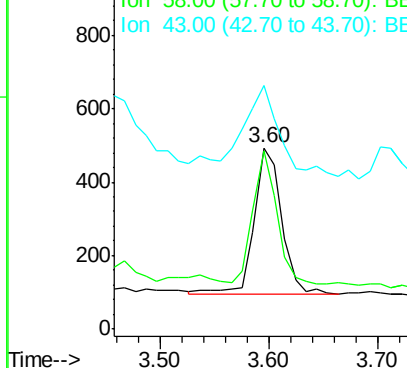
#2

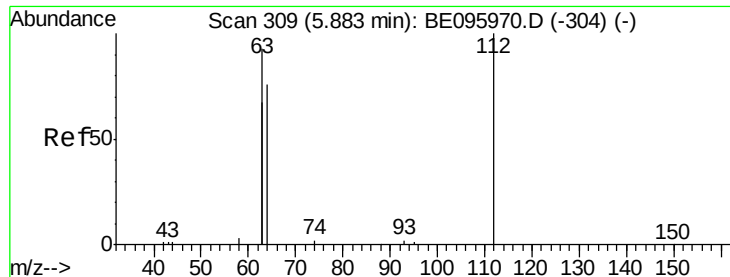
1,4-Dioxane
Concen: 0.499 ng
RT: 3.60 min Scan# 75
Delta R.T. -0.01 min
Lab File: BE096299.D
Acq: 2 May 2018 18:18

Tgt Ion: 88 Resp: 692
Ion Ratio Lower Upper
88 100
58 80.1 63.2 94.8
43 80.9 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: 0.173 ng

RT: 5.88 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096299.D

Acq: 2 May 2018 18:18

Instrument :

BNA_E

ClientSampleId :

LF001MW002-180419

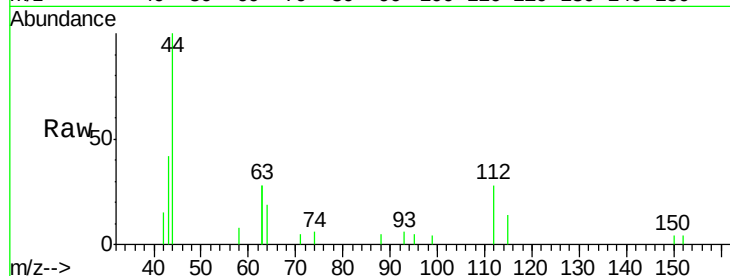
Tot Ion:112 Resp: 480

Ion Ratio Lower Upper

112 100

64 75.0 60.1 90.1

63 175.0 116.8 175.2

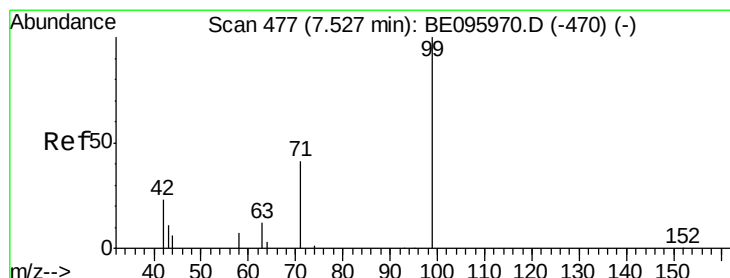
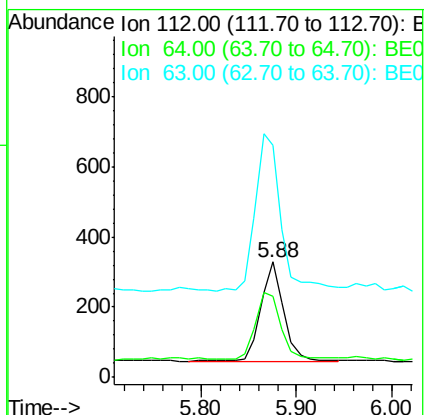
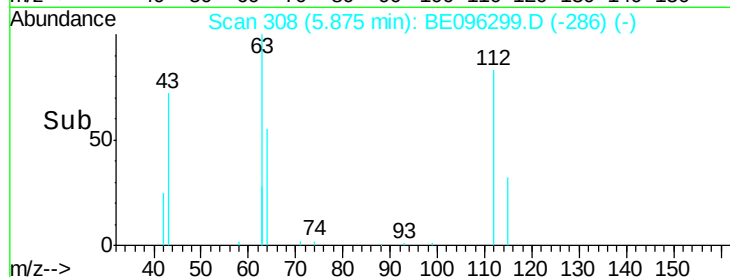


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.109 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096299.D

Acq: 2 May 2018 18:18

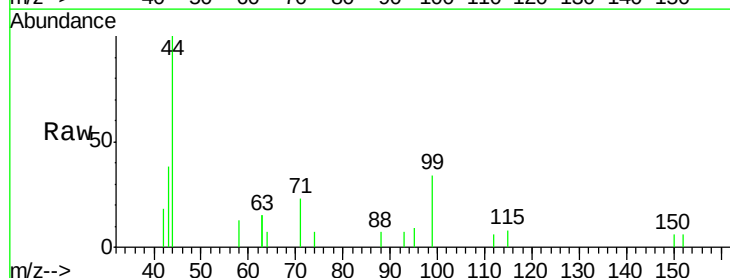
Tgt Ion: 99 Resp: 419

Ion Ratio Lower Upper

99 100

42 33.4 20.2 30.2#

71 65.4 28.4 42.6#

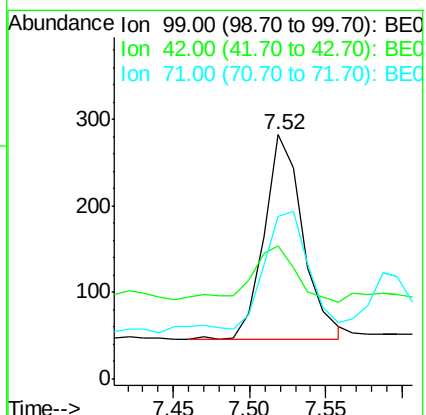
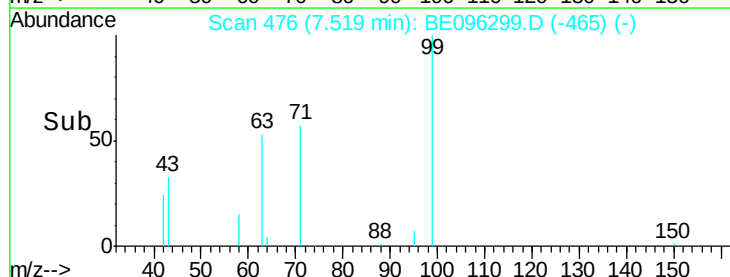


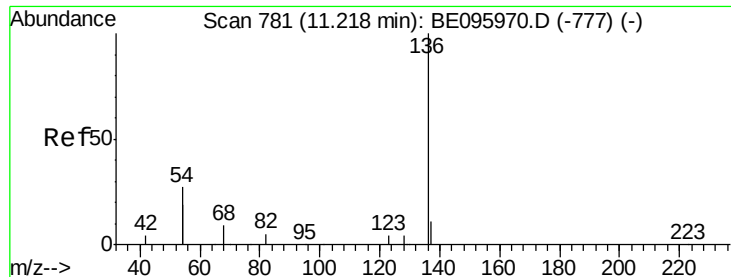
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE096299.D

Acq: 2 May 2018 18:18

Instrument :

BNA_E

ClientSampleId :

LF001MW002-180419

Tot Ion:136 Resp: 3429

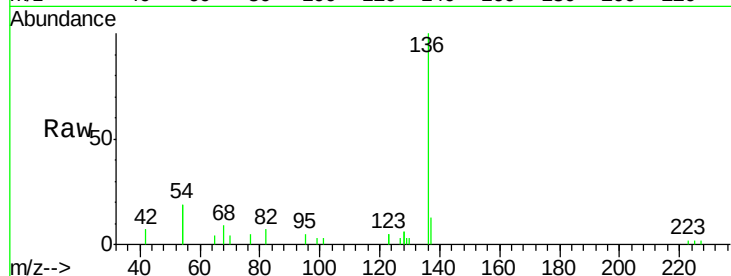
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 37.4 29.1 43.7

68 8.8 6.2 9.2

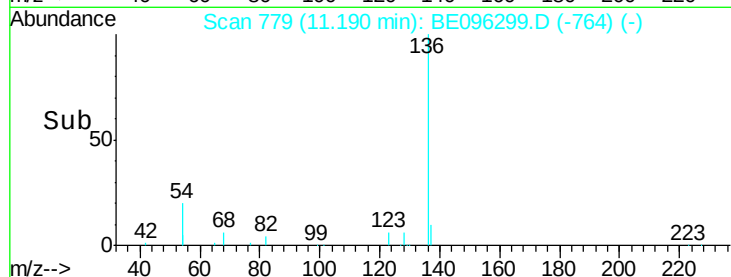


Abundance Ion 136.00 (135.70 to 136.70): E

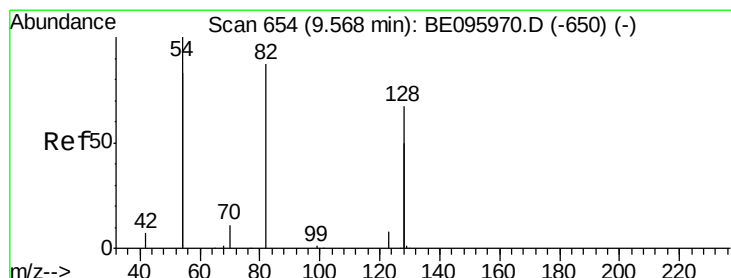
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 11.00 11.20



#8

Nitrobenzene-d5

Concen: 0.426 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096299.D

Acq: 2 May 2018 18:18

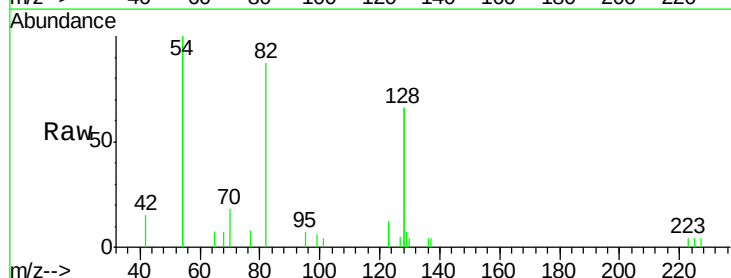
Tgt Ion: 82 Resp: 1713

Ion Ratio Lower Upper

82 100

128 150.7 150.0 225.0

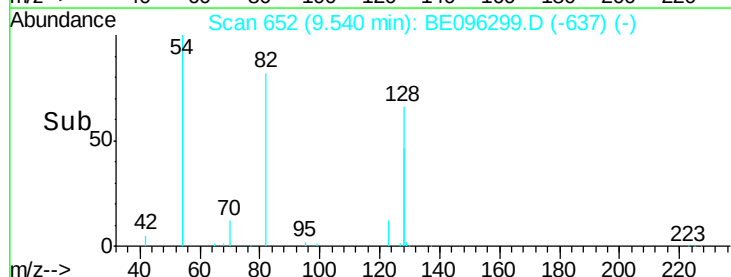
54 229.6 154.2 231.4



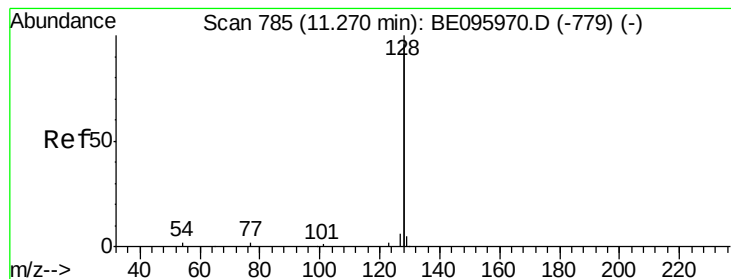
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 9.40 9.50 9.60



#9

Naphthalene

Concen: 0.033 ng

RT: 11.23 min Scan# 782

Delta R.T. -0.01 min

Lab File: BE096299.D

Acq: 2 May 2018 18:18

Instrument :

BNA_E

ClientSampleId :

LF001MW002-180419

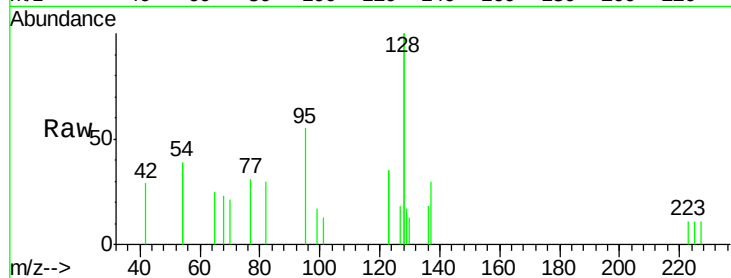
Tot Ion:128 Resp: 1199

Ion Ratio Lower Upper

128 100

129 8.5 2.6 3.8#

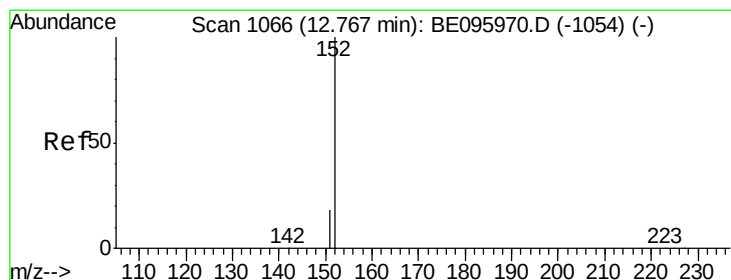
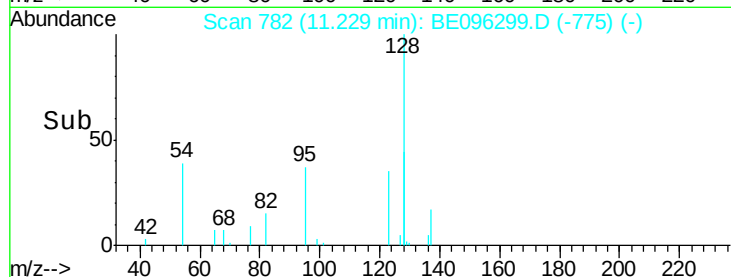
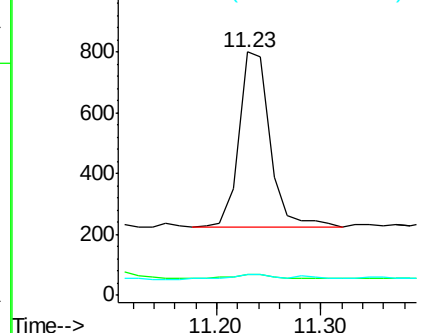
127 8.8 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.73 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE096299.D

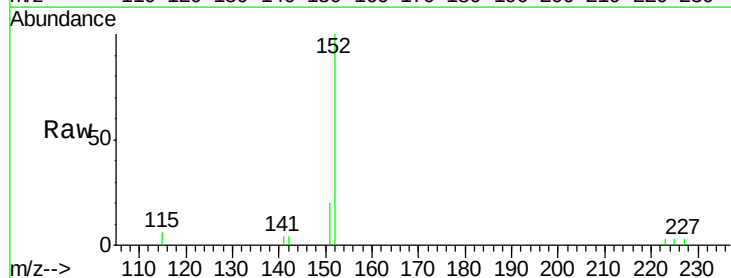
Acq: 2 May 2018 18:18

Tgt Ion:152 Resp: 2140

Ion Ratio Lower Upper

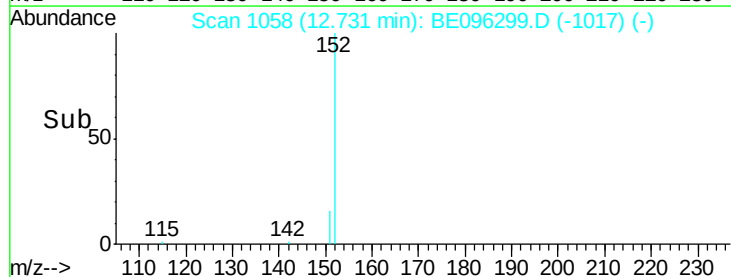
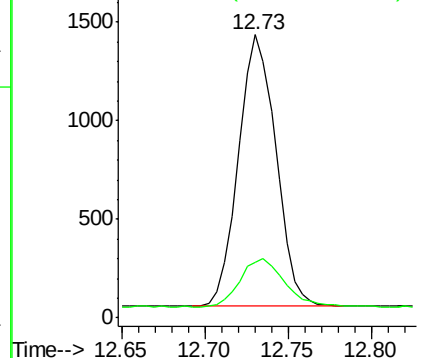
152 100

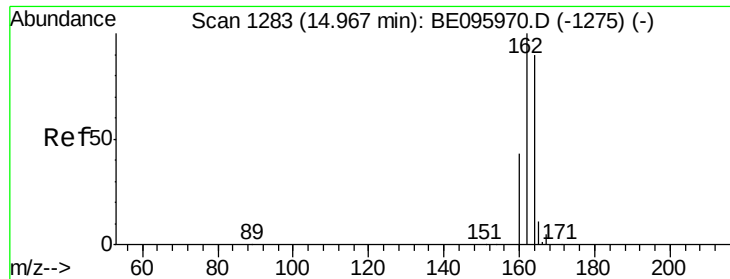
151 22.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.93 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BE096299.D

Acq: 2 May 2018 18:18

Instrument :

BNA_E

ClientSampleId :

LF001MW002-180419

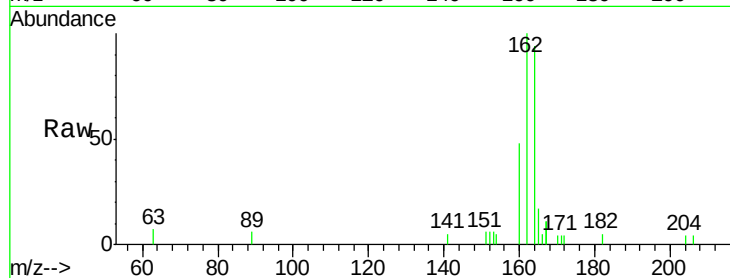
Tot Ion:164 Resp: 2037

Ion Ratio Lower Upper

164 100

162 106.7 83.1 124.7

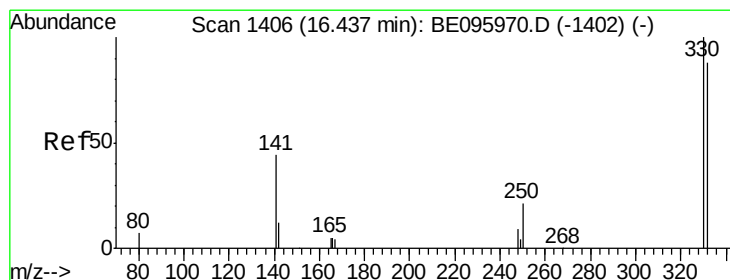
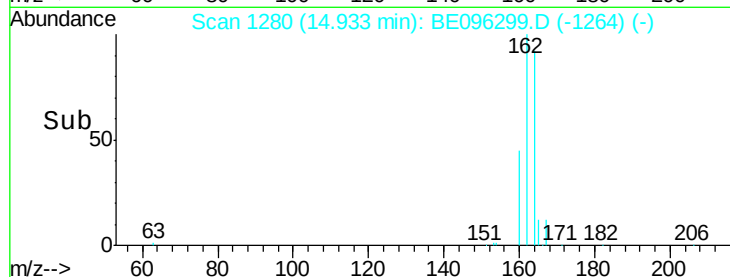
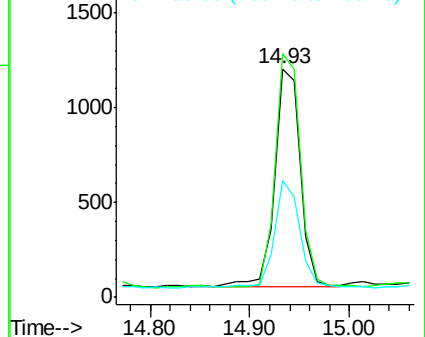
160 51.0 37.1 55.7



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: 0.472 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096299.D

Acq: 2 May 2018 18:18

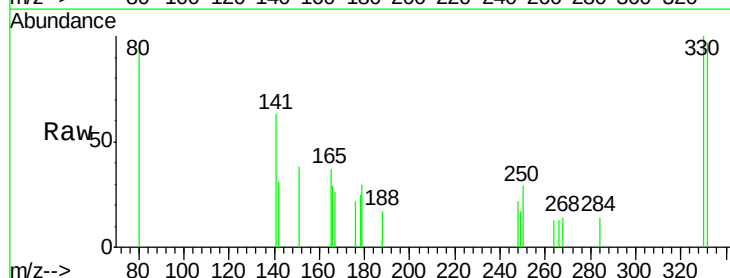
Tgt Ion:330 Resp: 464

Ion Ratio Lower Upper

330 100

332 96.6 152.7 229.1#

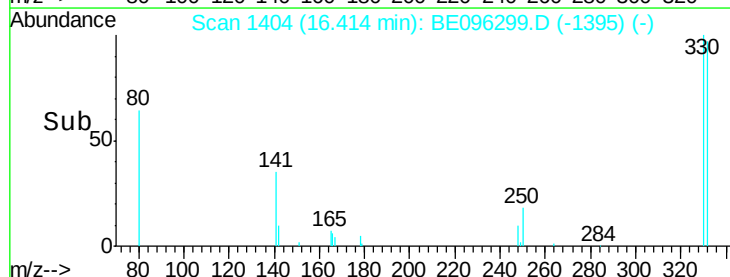
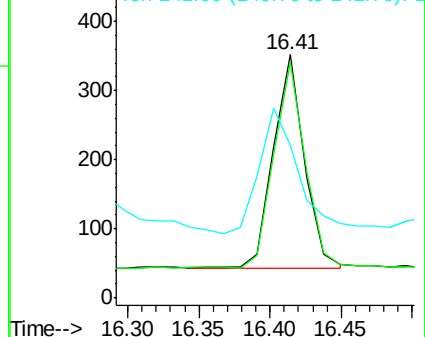
141 75.0 33.7 50.5#

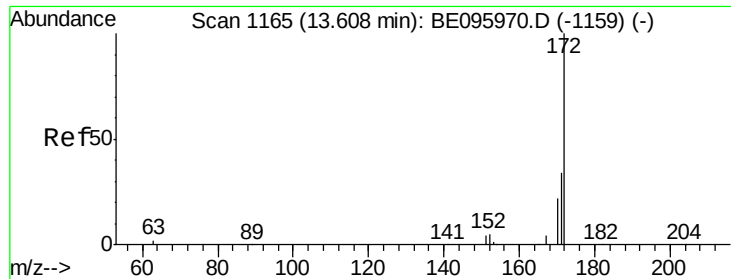


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

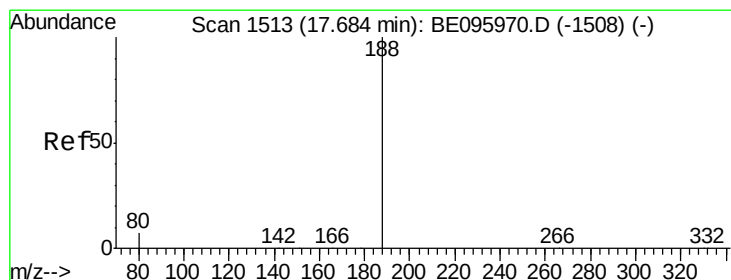
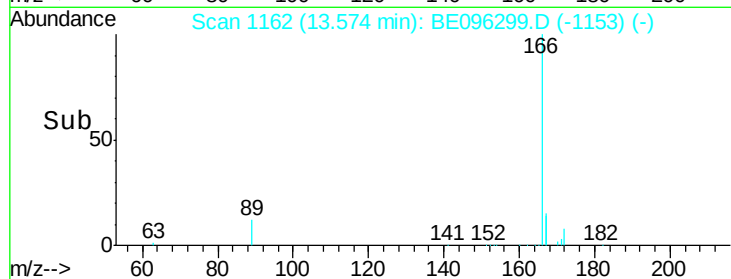
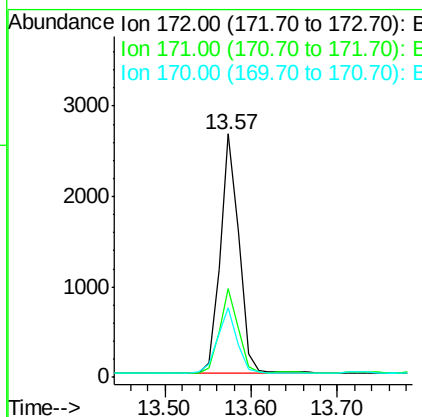
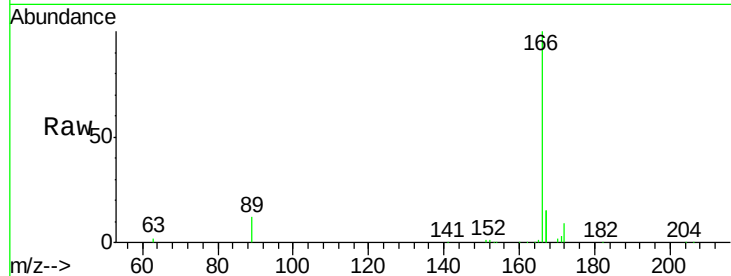




#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096299.D
Acq: 2 May 2018 18:18

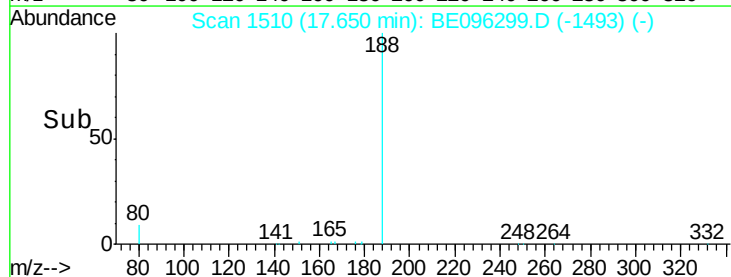
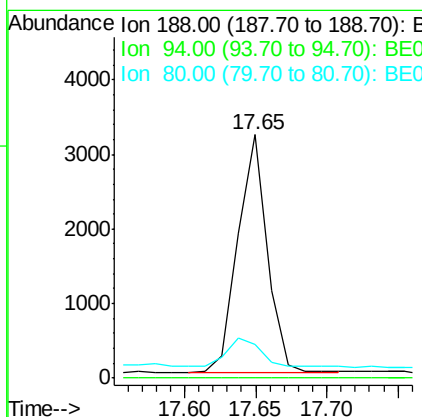
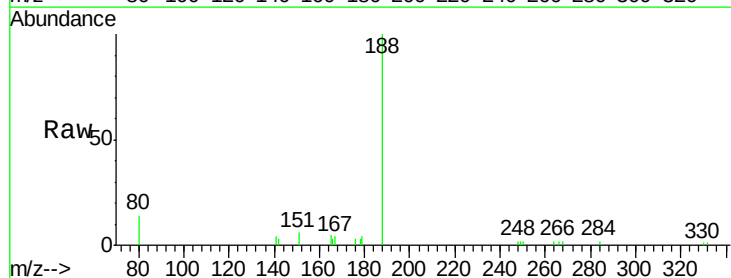
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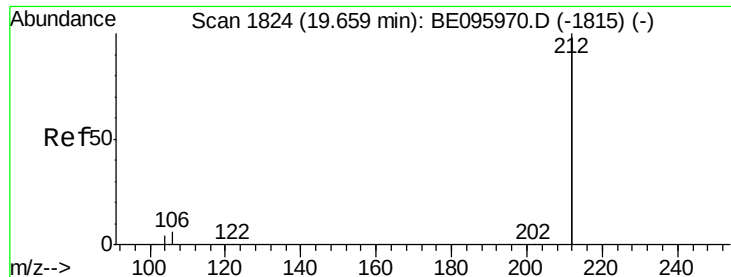
Tot Ion:172 Resp: 3997
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 28.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096299.D
Acq: 2 May 2018 18:18

Tgt Ion:188 Resp: 4562
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.0 3.6 5.4#

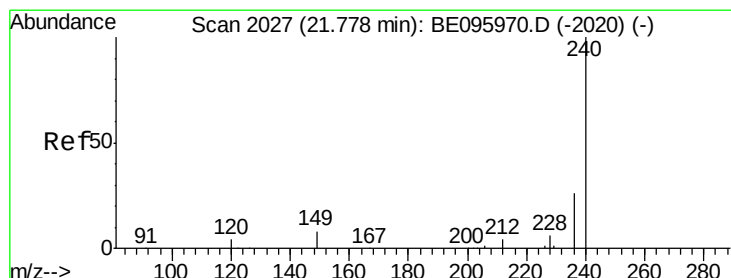
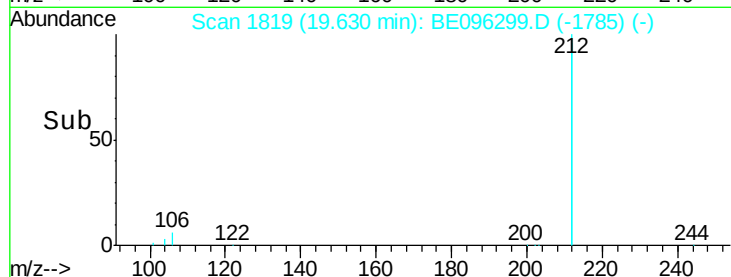
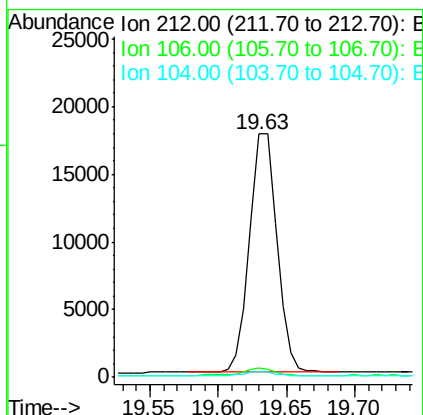
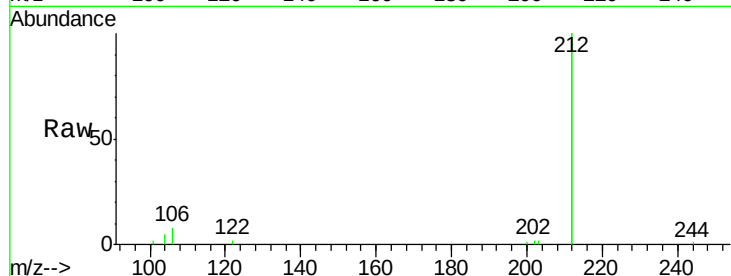




#25
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.63 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BE096299.D
Acq: 2 May 2018 18:18

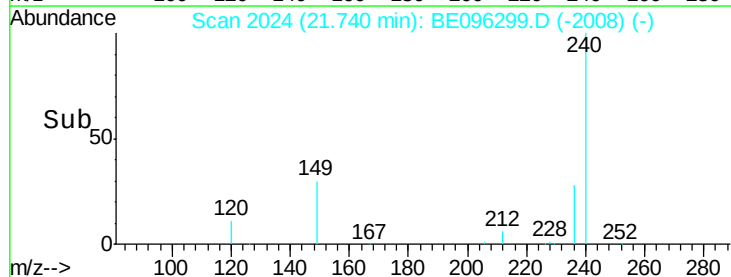
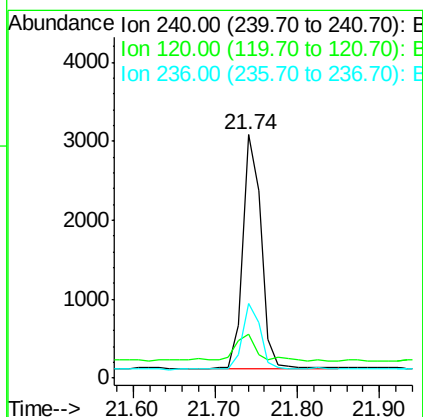
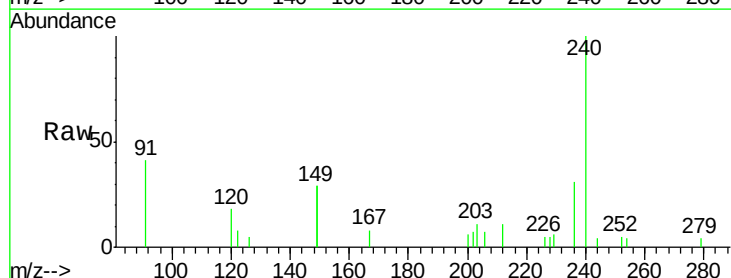
Instrument :
BNA_E
ClientSampleId :
LF001MW002-180419

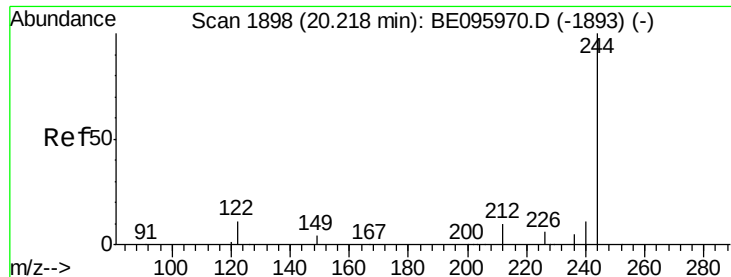
Tot Ion:212 Resp: 24554
Ion Ratio Lower Upper
212 100
106 3.2 2.8 4.2
104 2.2 1.6 2.4



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE096299.D
Acq: 2 May 2018 18:18

Tgt Ion:240 Resp: 4577
Ion Ratio Lower Upper
240 100
120 17.9 5.5 8.3#
236 30.6 20.7 31.1





#29

Terphenyl-d14

Concen: 0.496 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096299.D

Acq: 2 May 2018 18:18

Instrument :

BNA_E

ClientSampleId :

LF001MW002-180419

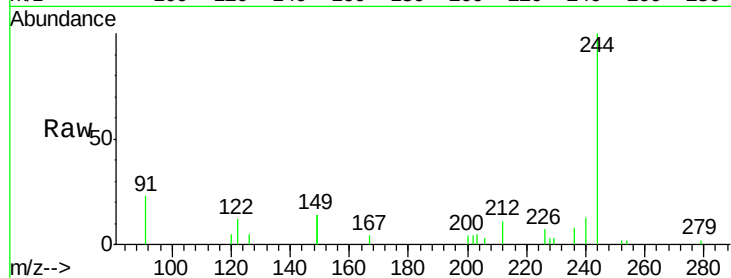
Tot Ion:244 Resp: 5020

Ion Ratio Lower Upper

244 100

212 11.4 25.4 38.0#

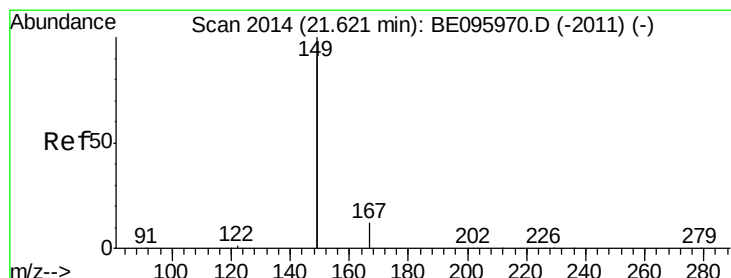
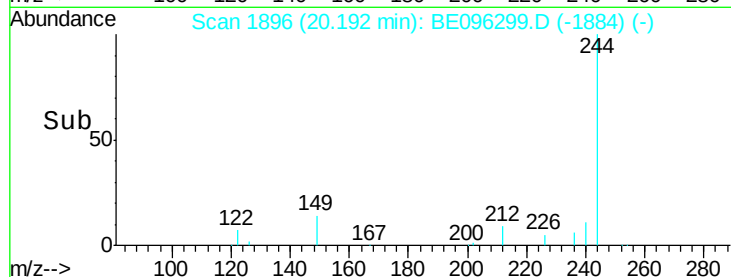
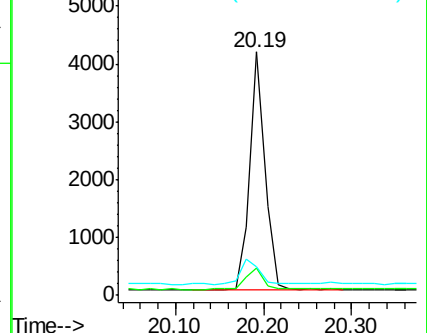
122 11.7 8.1 12.1



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: 0.086 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096299.D

Acq: 2 May 2018 18:18

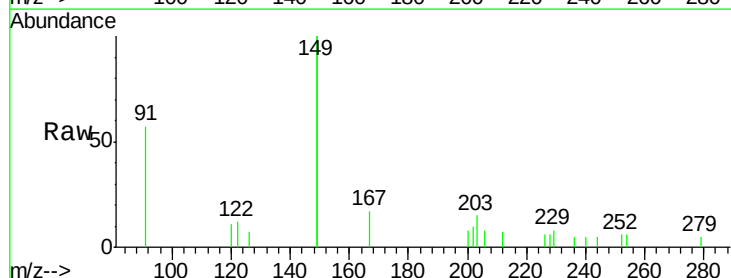
Tgt Ion:149 Resp: 3276

Ion Ratio Lower Upper

149 100

167 8.5 5.4 8.0#

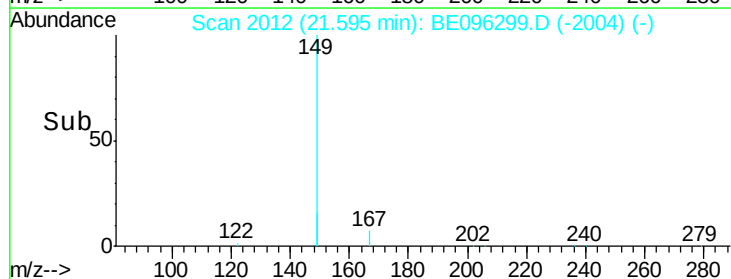
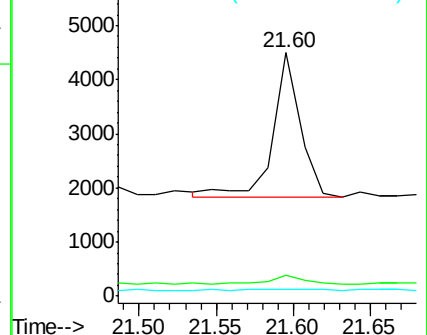
279 4.5 0.7 1.1#

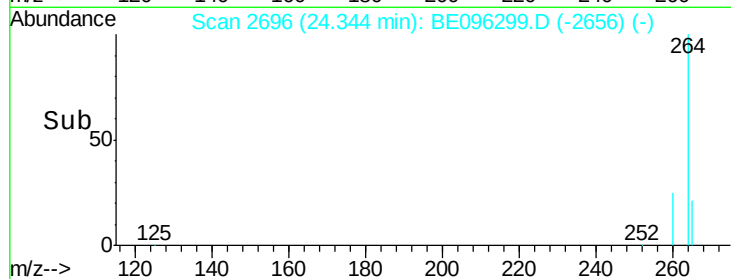
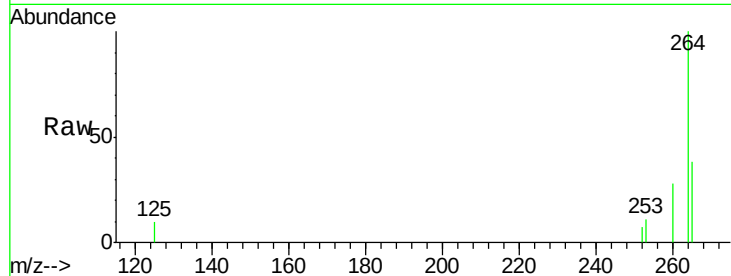
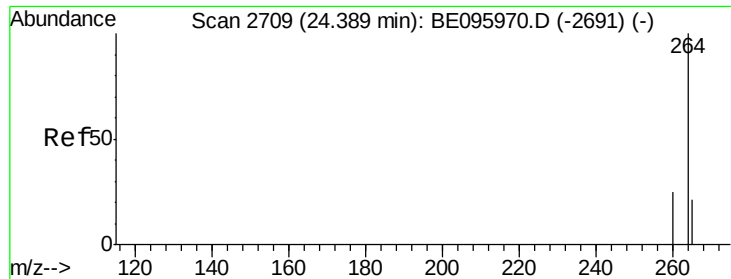


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.34 min Scan# 2696

Delta R.T. -0.01 min

Lab File: BE096299.D

Acq: 2 May 2018 18:18

Instrument :

BNA_E

ClientSampleId :

LF001MW002-180419

Tot Ion:264 Resp: 4503

Ion Ratio Lower Upper

264 100

260 28.1 20.5 30.7

265 38.4 22.8 34.2#

