

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095837.D
 Acq On : 26 Mar 2018 13:15
 Operator : SJ/JU
 Sample : J1994-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-03-031918

Quant Time: Mar 27 05:40:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

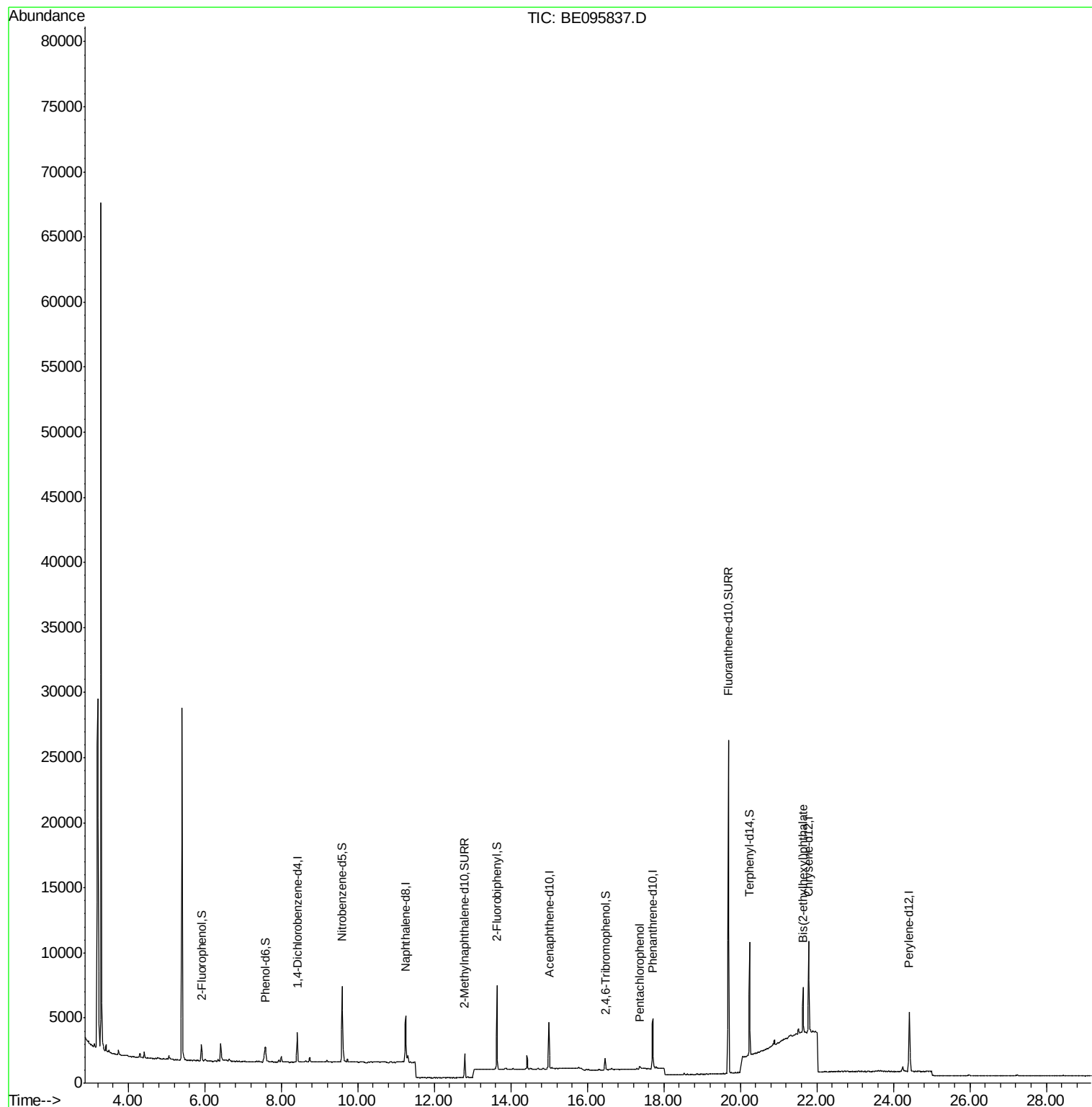
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1092	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4122	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2308	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5714	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6967	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6890	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	613	0.17	ng	0.00
5) Phenol-d6	7.57	99	568	0.11	ng	0.00
8) Nitrobenzene-d5	9.59	82	2259	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2546	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	557	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.63	172	5519	0.57	ng	-0.01
25) Fluoranthene-d10	19.68	212	32539	0.38	ng	0.00
29) Terphenyl-d14	20.24	244	8099	0.55	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.37	266	191	0.278	ng	Qvalue 86
32) Bis(2-ethylhexyl)phthalate	21.64	149	4262	0.058	ng	# 97

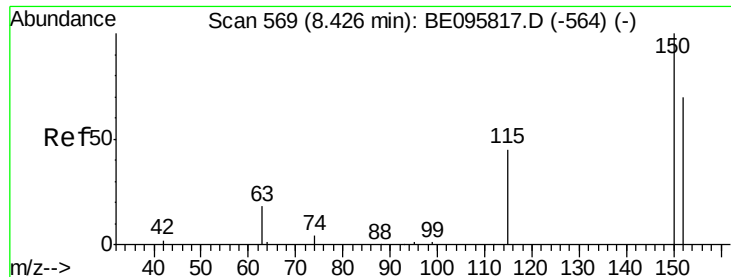
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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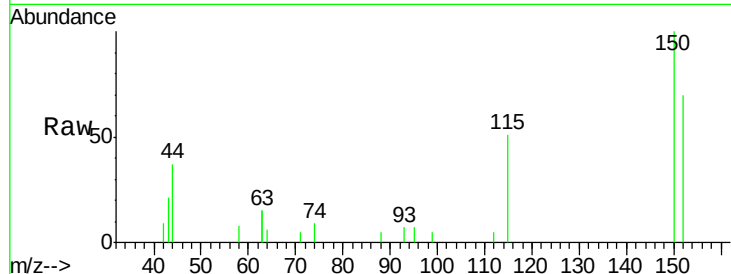


#1

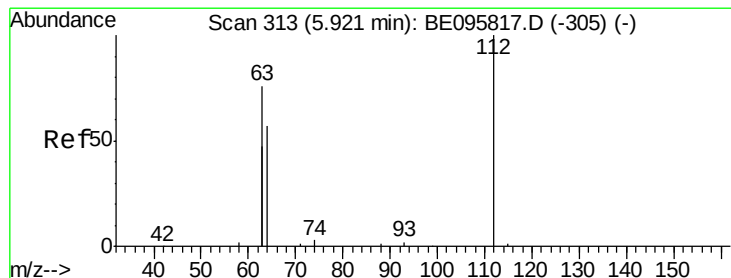
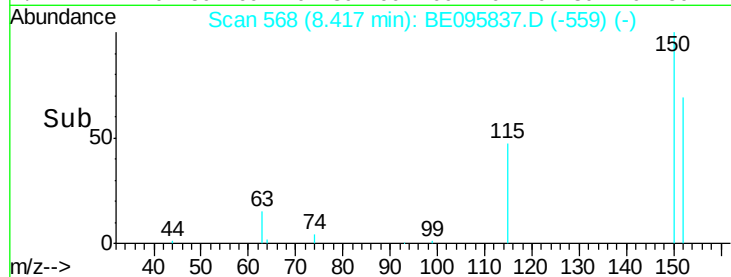
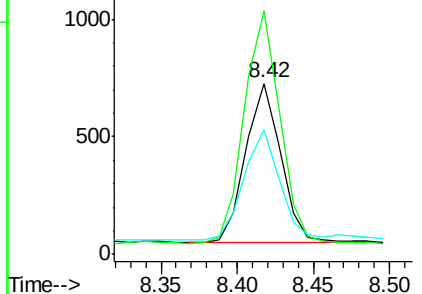
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.42 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BE095837.D
 Acq: 26 Mar 2018 13:15

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-03-031918

Tot Ion:152 Resp: 1092
 Ion Ratio Lower Upper
 152 100
 150 142.6 117.2 175.8
 115 72.9 57.0 85.6



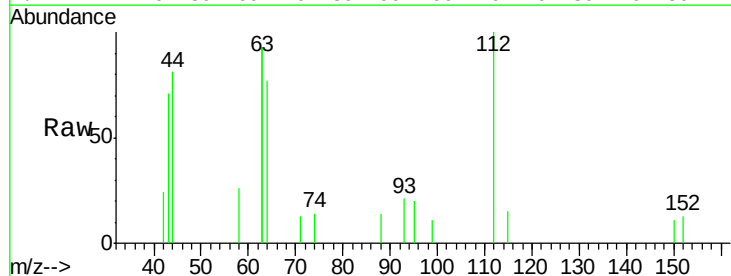
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



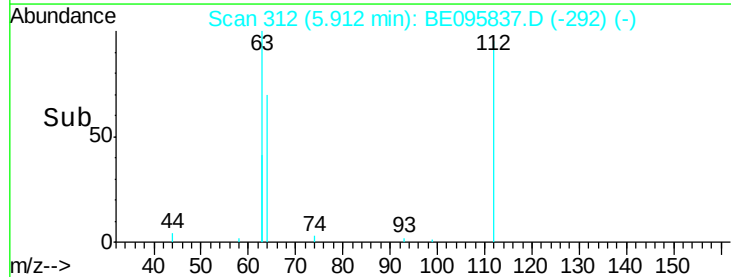
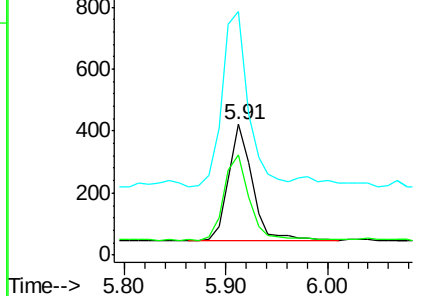
#4

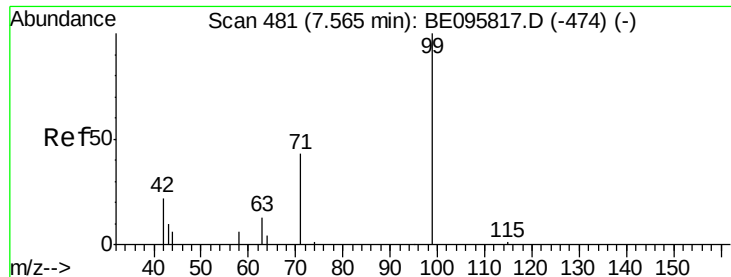
2-Fluorophenol
 Concen: 0.170 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095837.D
 Acq: 26 Mar 2018 13:15

Tgt Ion:112 Resp: 613
 Ion Ratio Lower Upper
 112 100
 64 77.5 60.1 90.1
 63 166.7 116.8 175.2



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: 0.115 ng

RT: 7.57 min Scan# 481

Delta R.T. 0.00 min

Lab File: BE095837.D

Acq: 26 Mar 2018 13:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-031918

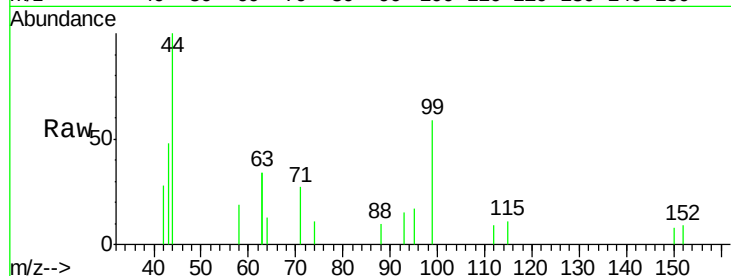
Tot Ion: 99 Resp: 568

Ion Ratio Lower Upper

99 100

42 41.9 20.2 30.2#

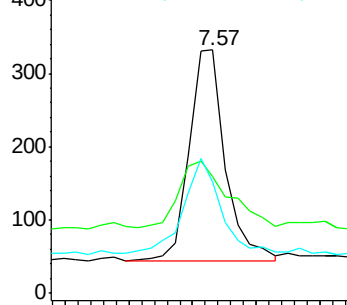
71 46.5 28.4 42.6#



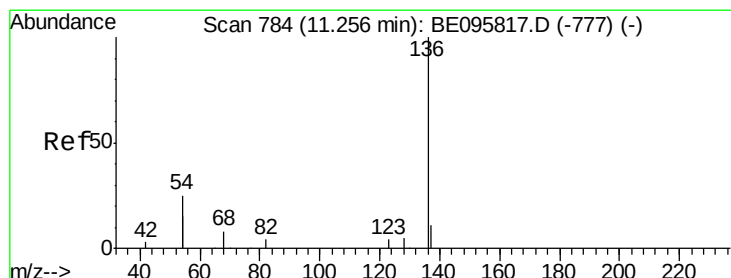
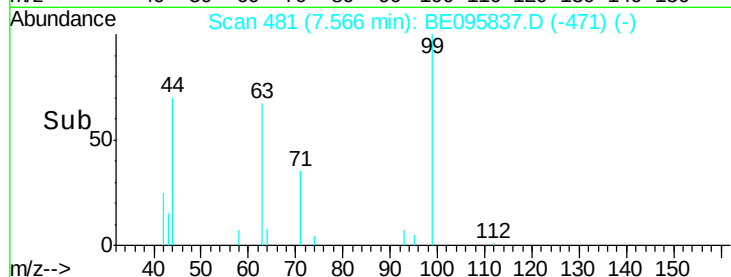
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.45 7.50 7.55 7.60 7.65



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095837.D

Acq: 26 Mar 2018 13:15

Tgt Ion: 136 Resp: 4122

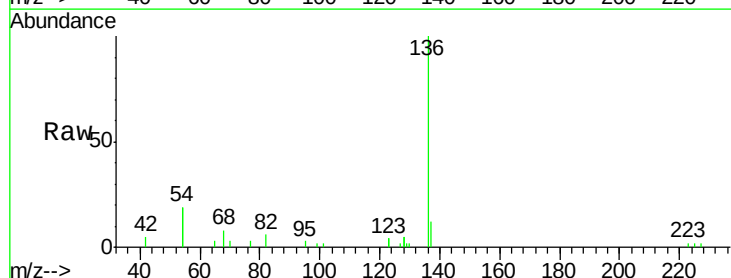
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 37.9 29.1 43.7

68 7.7 6.2 9.2

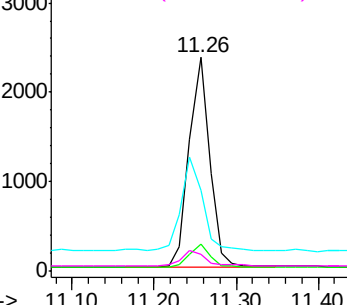


Abundance Ion 136.00 (135.70 to 136.70): E

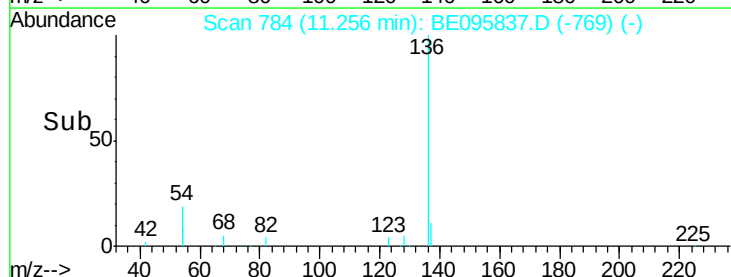
Ion 137.00 (136.70 to 137.70): E

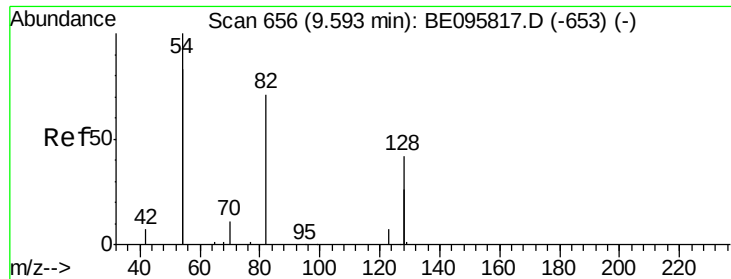
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 11.10 11.20 11.30 11.40





#8

Nitrobenzene-d5

Concen: 0.464 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095837.D

Acq: 26 Mar 2018 13:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-031918

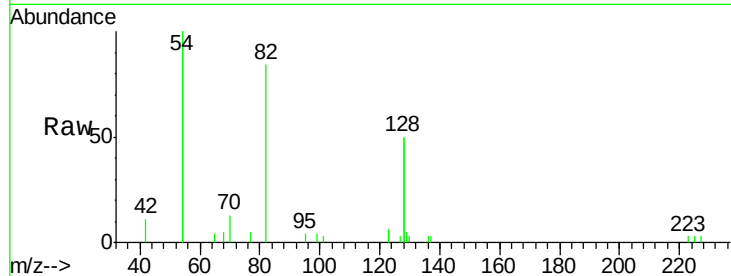
Tot Ion: 82 Resp: 2259

Ion Ratio Lower Upper

82 100

128 117.8 150.0 225.0#

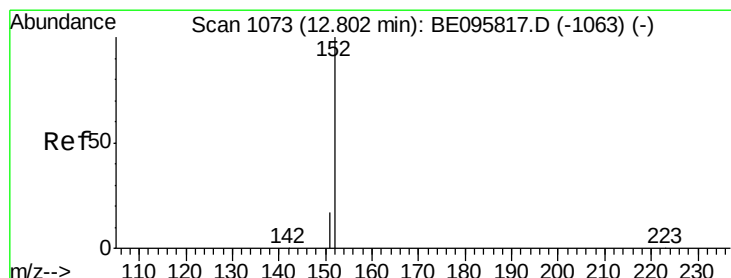
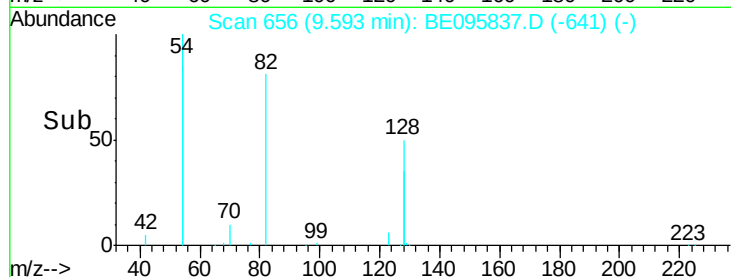
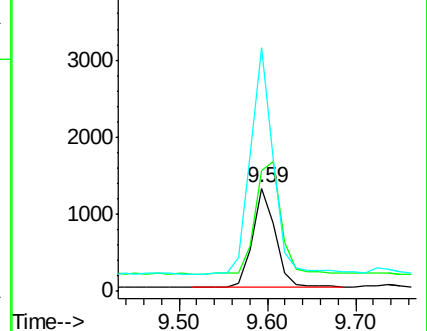
54 236.7 154.2 231.4#



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: 0.370 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095837.D

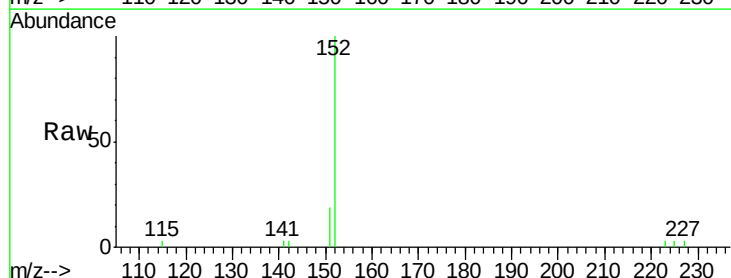
Acq: 26 Mar 2018 13:15

Tgt Ion: 152 Resp: 2546

Ion Ratio Lower Upper

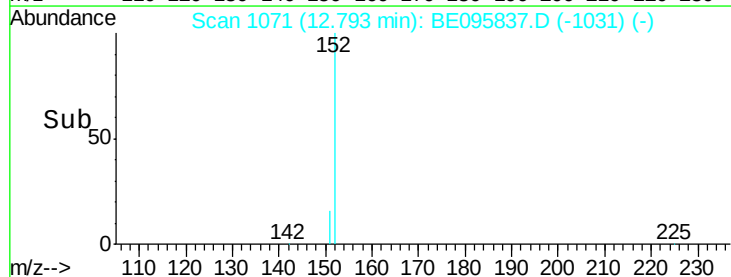
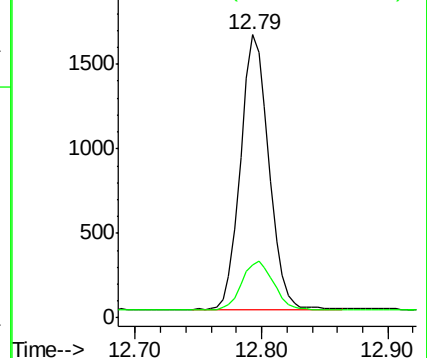
152 100

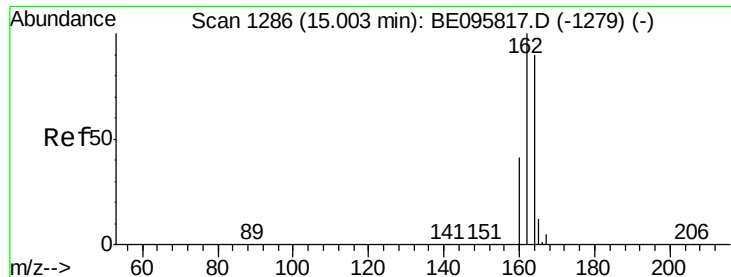
151 19.4 15.4 23.0



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: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095837.D

Acq: 26 Mar 2018 13:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-031918

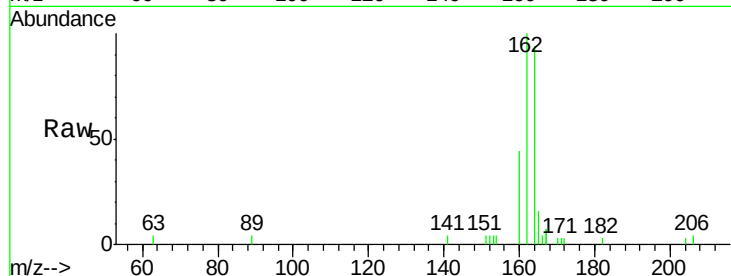
Tot Ion:164 Resp: 2308

Ion Ratio Lower Upper

164 100

162 106.0 83.1 124.7

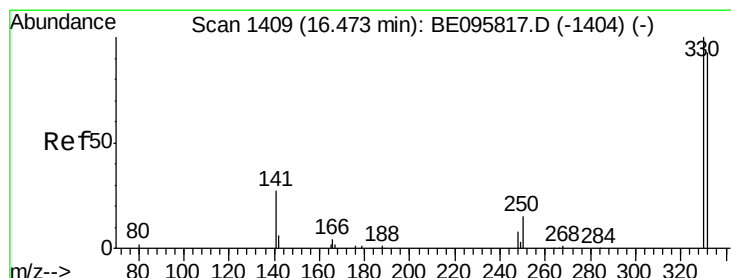
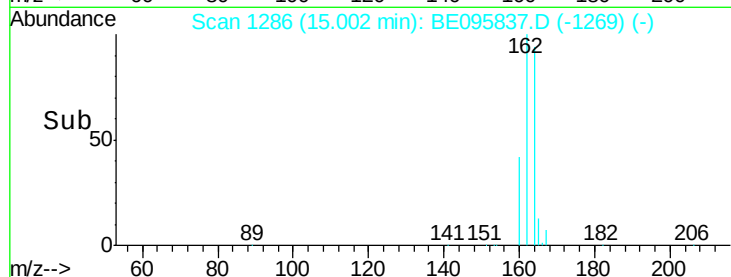
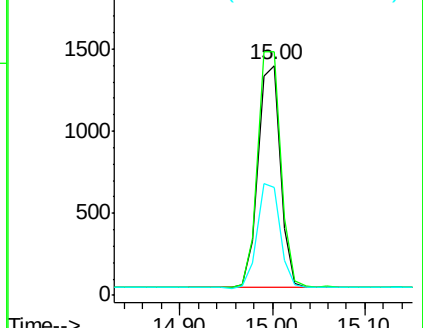
160 47.0 37.1 55.7



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: 0.418 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095837.D

Acq: 26 Mar 2018 13:15

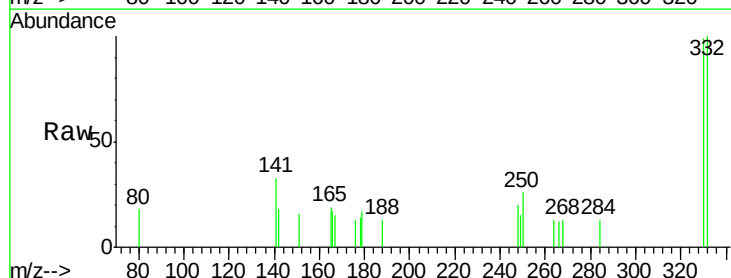
Tgt Ion:330 Resp: 557

Ion Ratio Lower Upper

330 100

332 94.8 152.7 229.1#

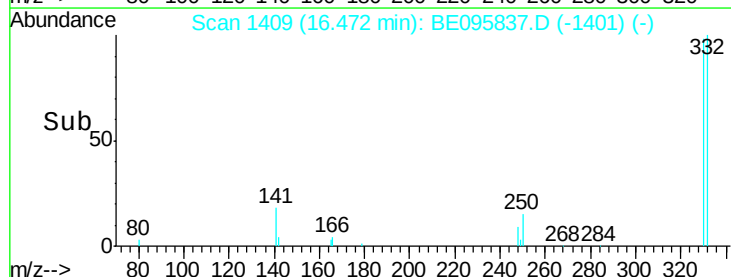
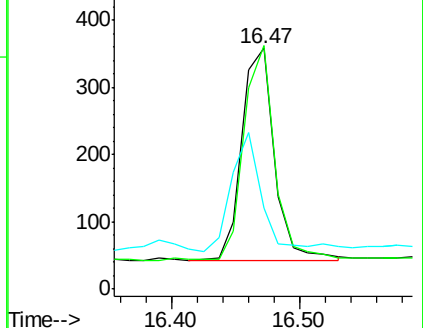
141 53.7 33.7 50.5#

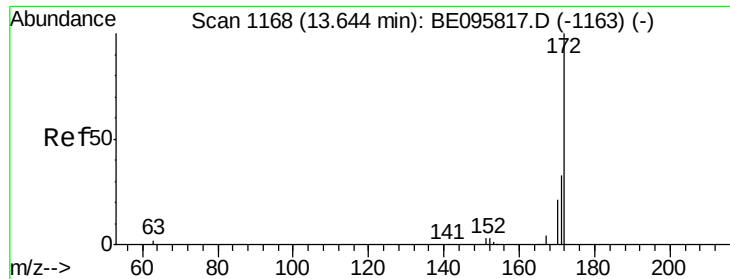


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

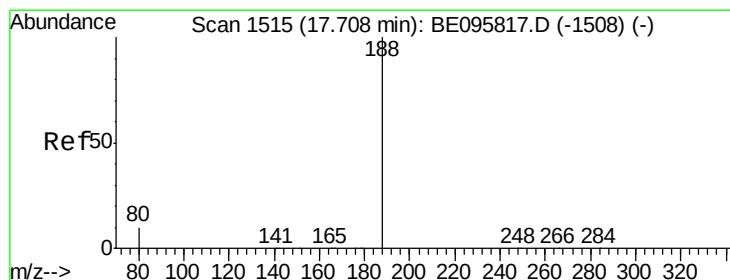
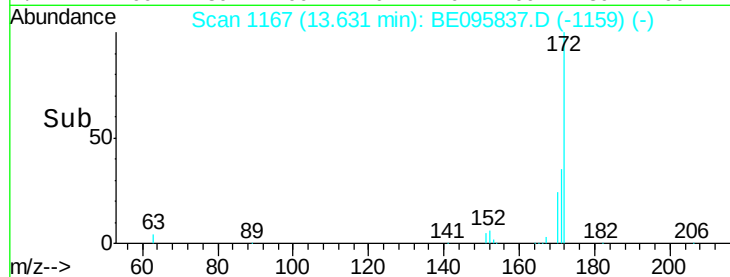
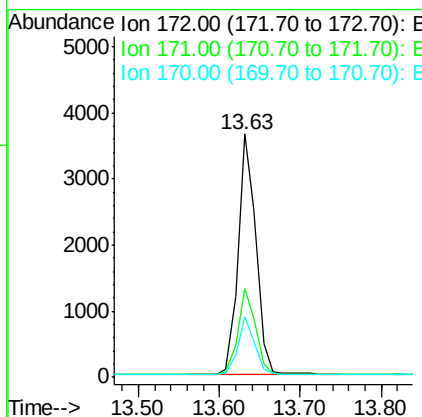
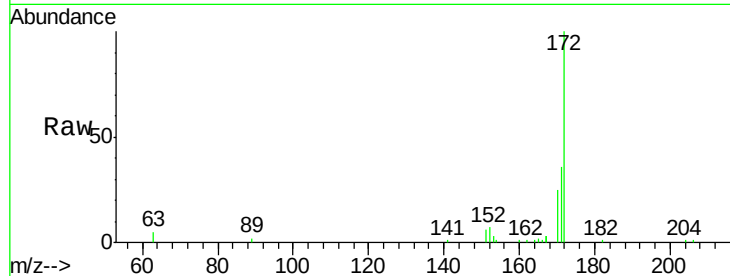




#15
2-Fluorobiphenyl
Concen: 0.567 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095837.D
Acq: 26 Mar 2018 13:15

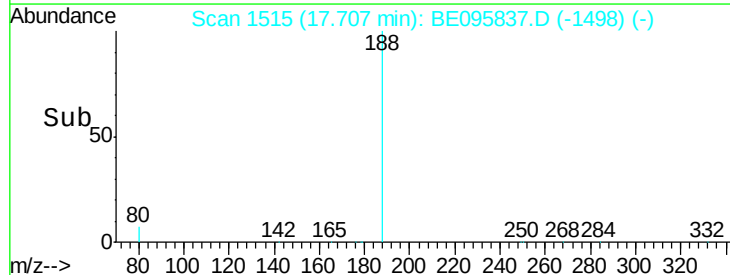
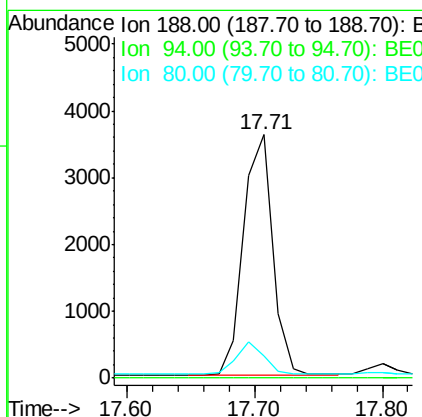
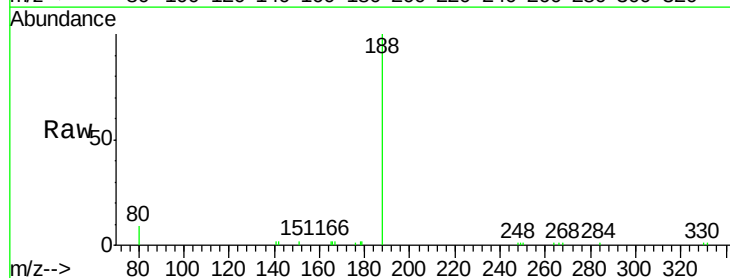
Instrument :
BNA_E
ClientSampleId :
PR-MW-03-031918

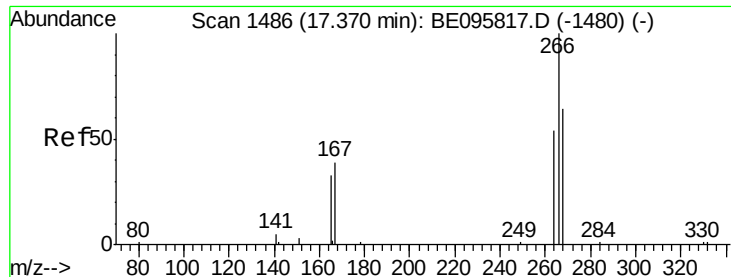
Tot Ion:172 Resp: 5519
Ion Ratio Lower Upper
172 100
171 36.2 29.9 44.9
170 24.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BE095837.D
Acq: 26 Mar 2018 13:15

Tgt Ion:188 Resp: 5714
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 9.1 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.278 ng

RT: 17.37 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE095837.D

Acq: 26 Mar 2018 13:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-031918

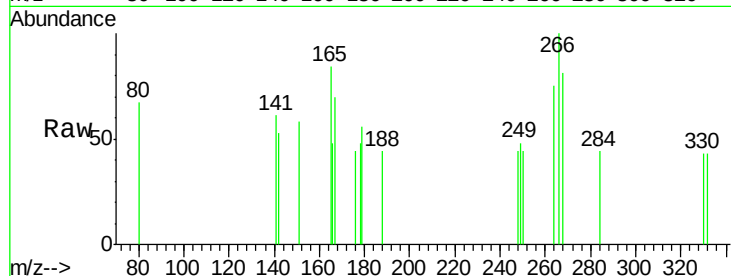
Tot Ion:266 Resp: 191

Ion Ratio Lower Upper

266 100

264 75.0 72.5 108.7

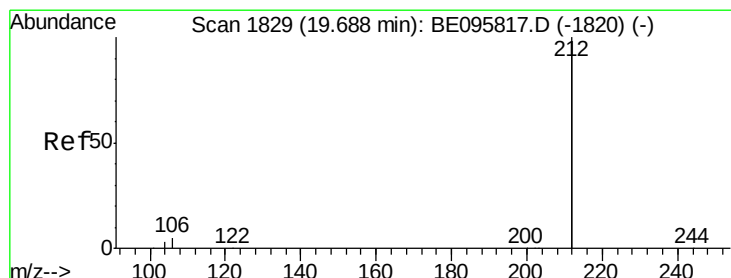
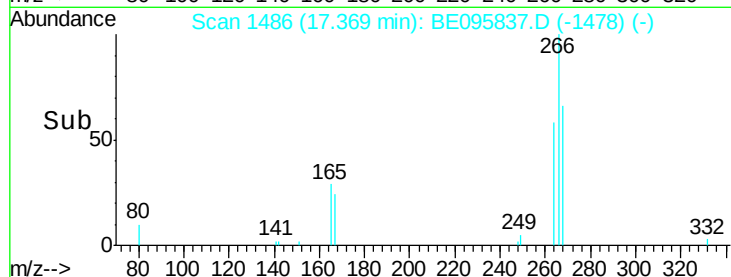
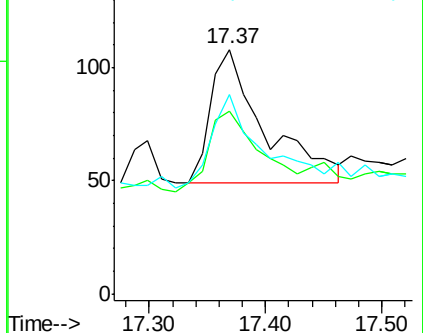
268 81.5 73.8 110.6



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: 0.383 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095837.D

Acq: 26 Mar 2018 13:15

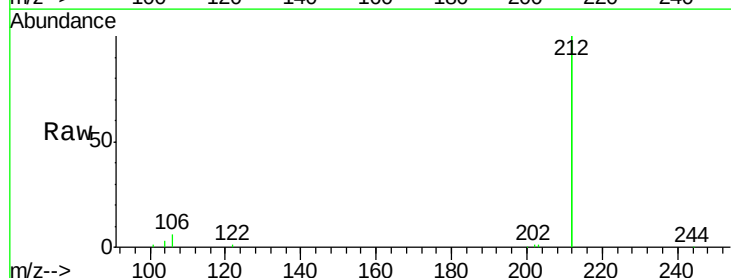
Tgt Ion:212 Resp: 32539

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

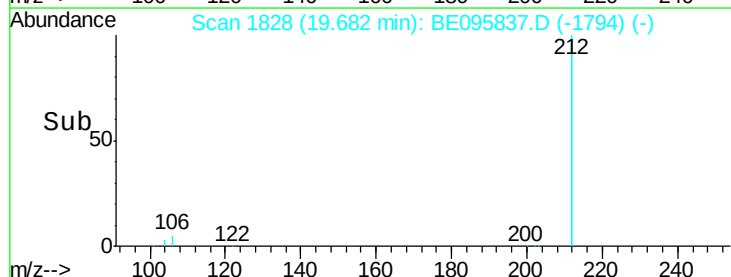
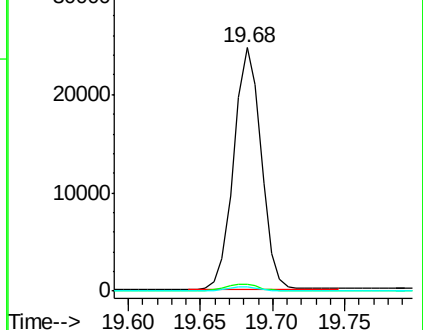
104 1.7 1.6 2.4

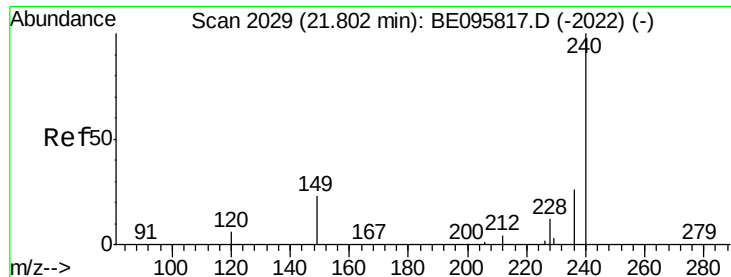


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095837.D

Acq: 26 Mar 2018 13:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-031918

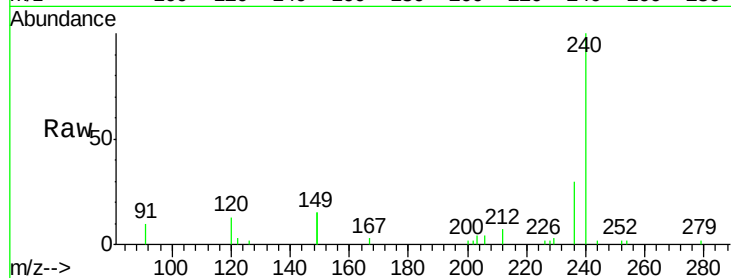
Tot Ion:240 Resp: 6967

Ion Ratio Lower Upper

240 100

120 12.7 5.5 8.3#

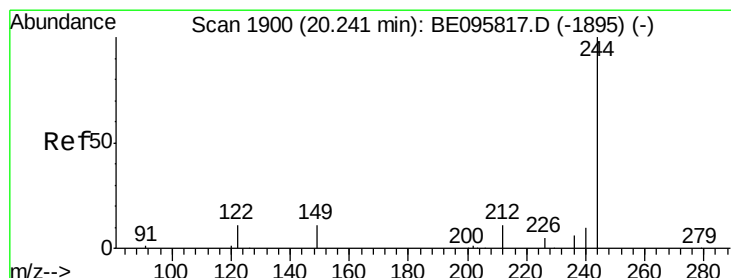
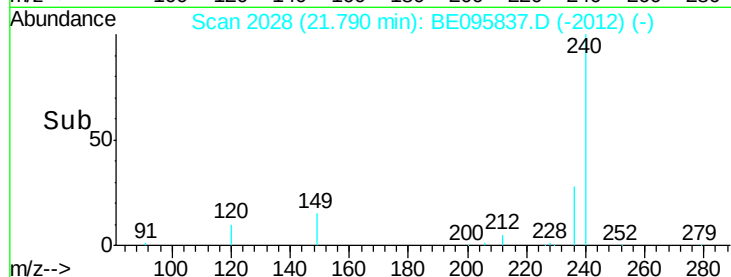
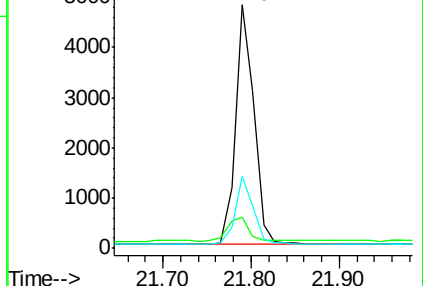
236 29.6 20.7 31.1



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: 0.547 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095837.D

Acq: 26 Mar 2018 13:15

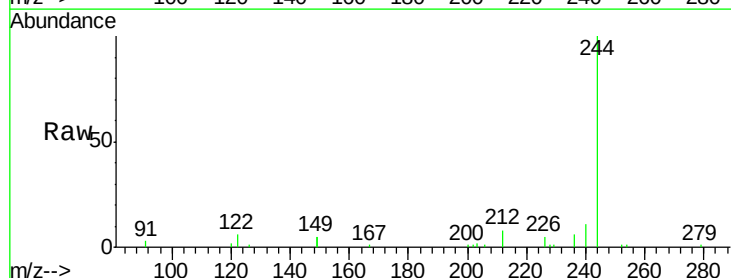
Tgt Ion:244 Resp: 8099

Ion Ratio Lower Upper

244 100

212 8.3 25.4 38.0#

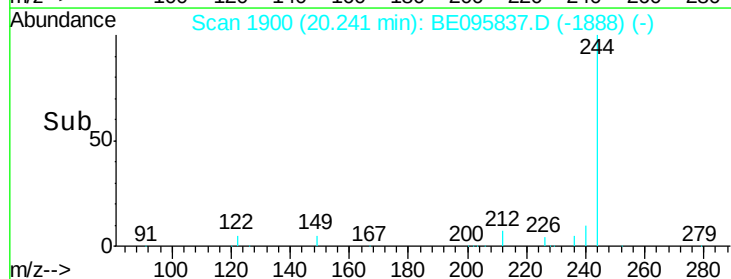
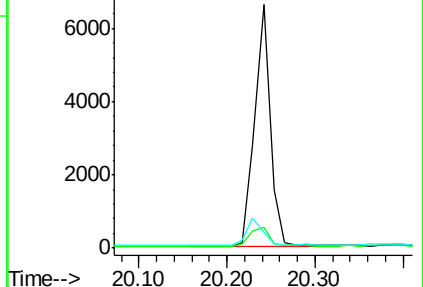
122 6.4 8.1 12.1#

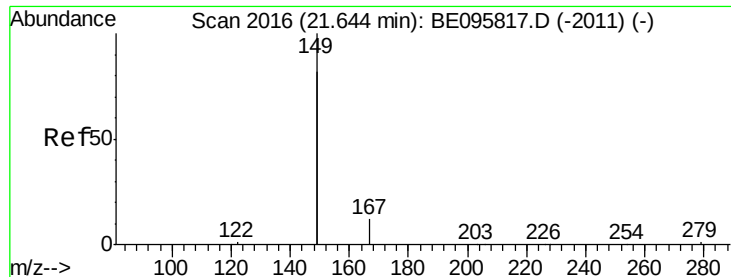


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.058 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095837.D

Acq: 26 Mar 2018 13:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-031918

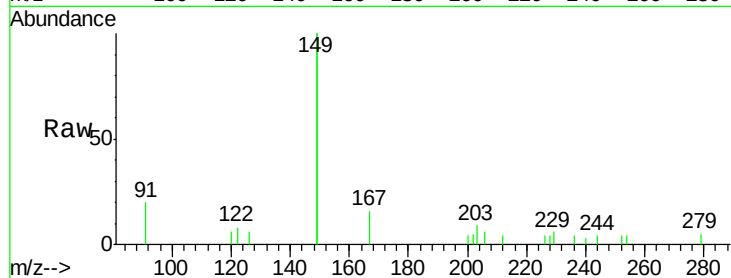
Tot Ion:149 Resp: 4262

Ion Ratio Lower Upper

149 100

167 8.0 5.4 8.0

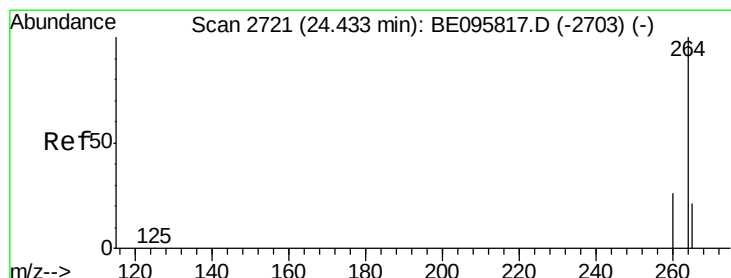
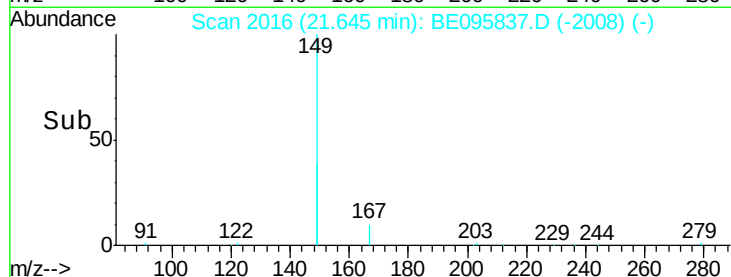
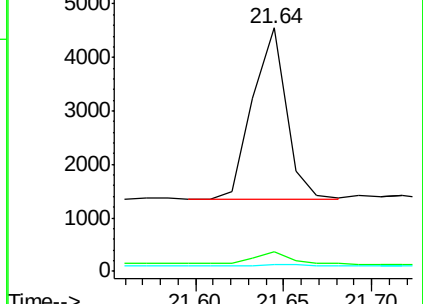
279 1.5 0.7 1.1#



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: 24.42 min Scan# 2716

Delta R.T. -0.02 min

Lab File: BE095837.D

Acq: 26 Mar 2018 13:15

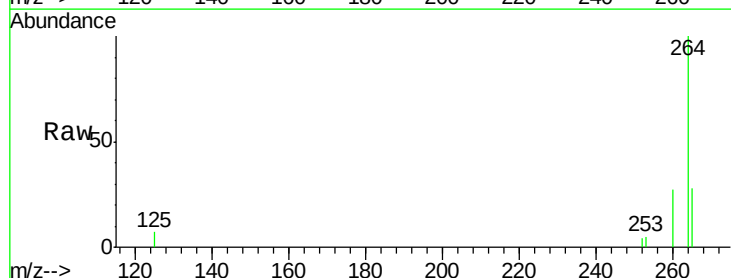
Tgt Ion:264 Resp: 6890

Ion Ratio Lower Upper

264 100

260 27.2 20.5 30.7

265 28.0 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

