

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\
 Data File : BE096217.D
 Acq On : 30 Apr 2018 12:22
 Operator : SJ/JU
 Sample : J2463-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 30 14:29:04 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

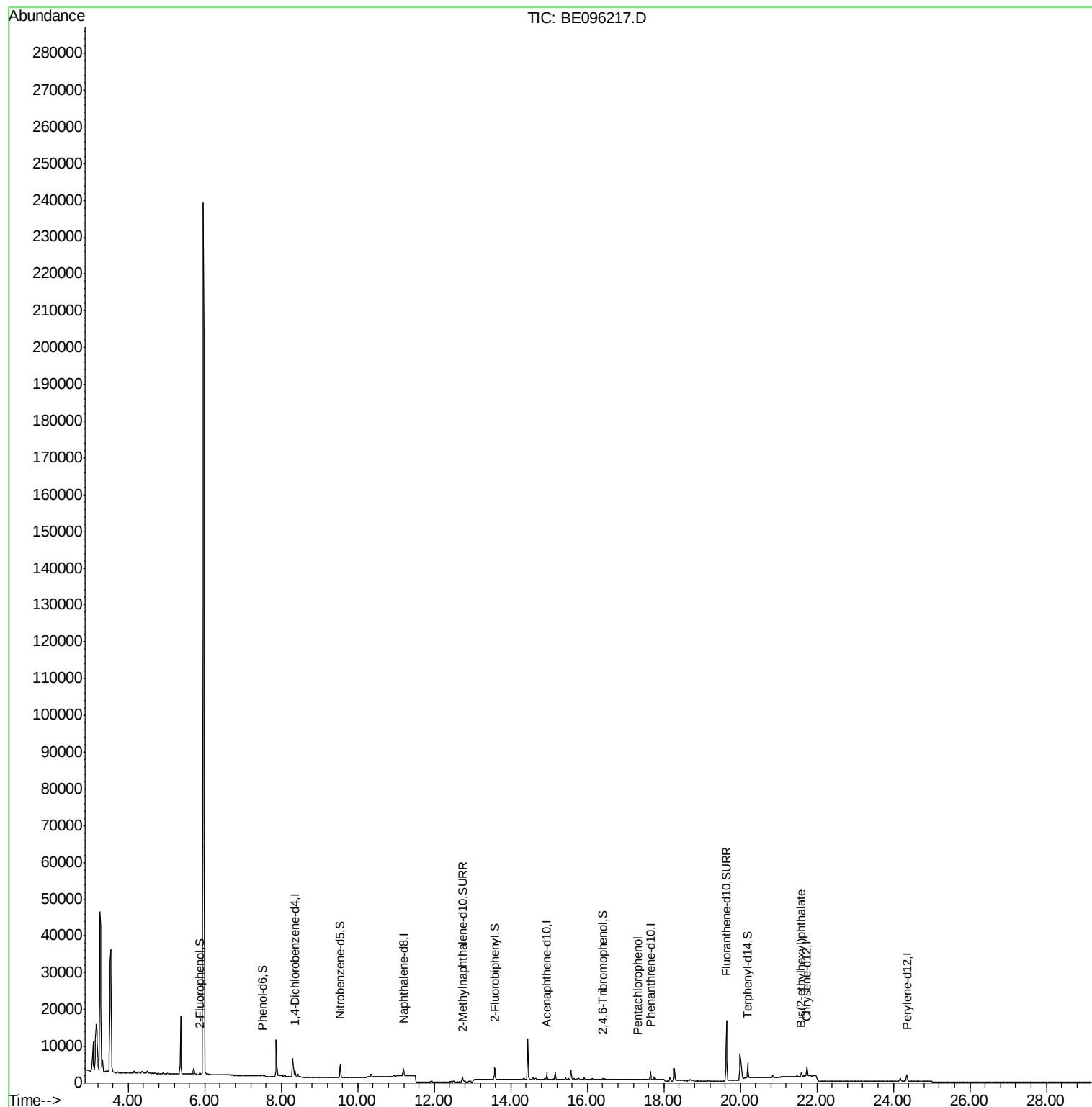
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	614	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2223	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1153	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	2821	0.40	ng	0.00
27) Chrysene-d12	21.74	240	2979	0.40	ng	0.00
34) Perylene-d12	24.35	264	2742	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	174	0.09	ng	0.01
5) Phenol-d6	7.51	99	275	0.10	ng	0.00
8) Nitrobenzene-d5	9.54	82	1462	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1828	0.52	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	164	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3061	0.62	ng	0.00
25) Fluoranthene-d10	19.64	212	21032	0.55	ng	0.00
29) Terphenyl-d14	20.19	244	3674	0.56	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.31	266	11	0.150	ng	95
32) Bis(2-ethylhexyl)phthalate	21.60	149	1678	0.068	ng	97

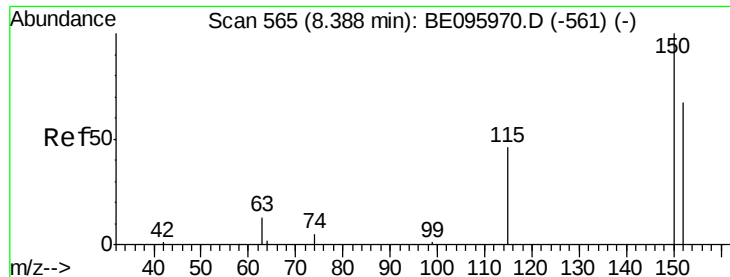
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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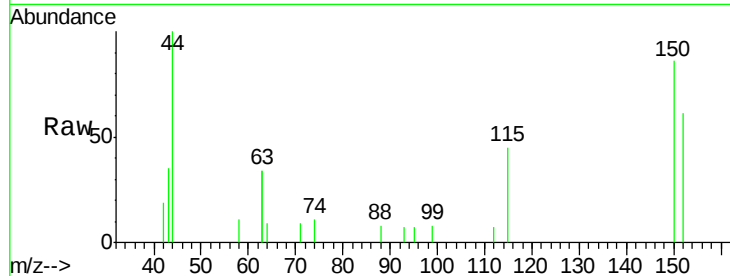


#1

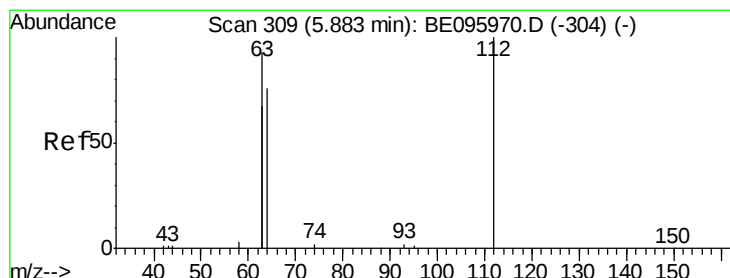
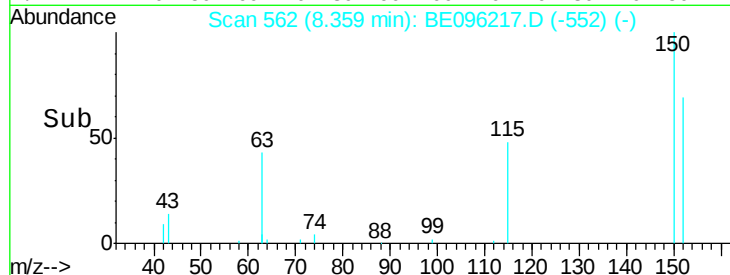
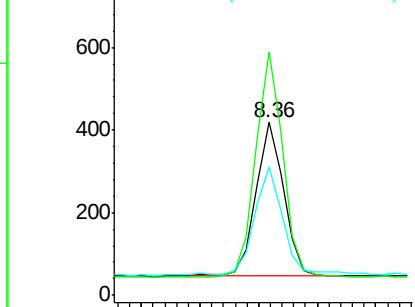
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096217.D
Acq: 30 Apr 2018 12:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 614
Ion Ratio Lower Upper
152 100
150 140.9 117.2 175.8
115 74.2 57.0 85.6



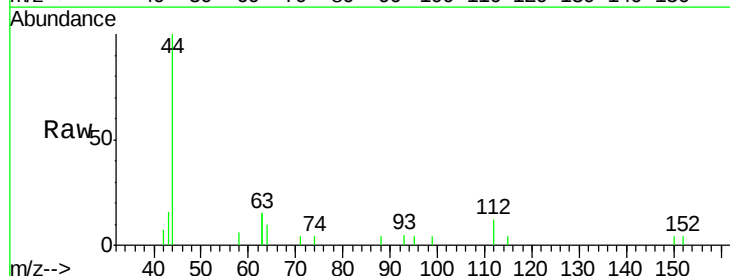
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



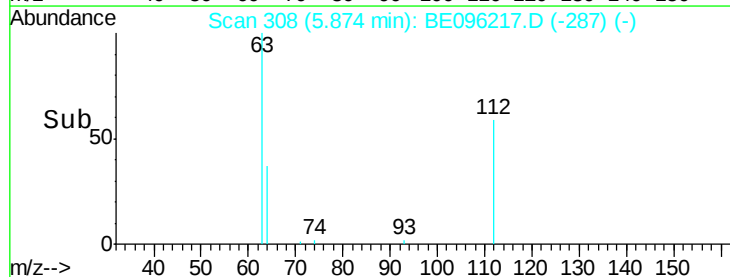
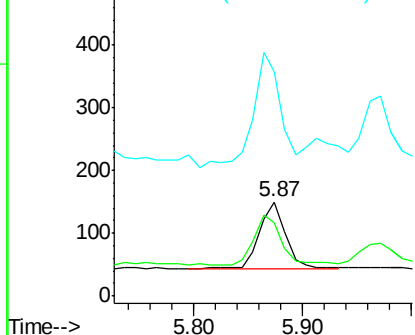
#4

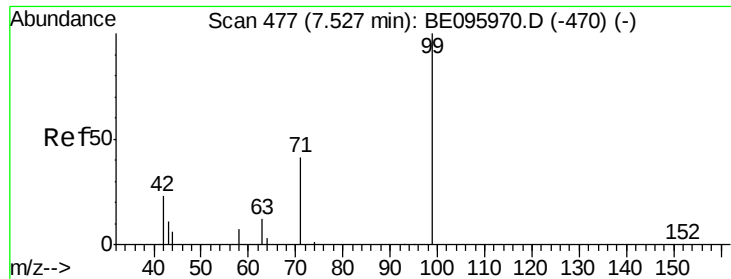
2-Fluorophenol
Concen: 0.092 ng
RT: 5.87 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096217.D
Acq: 30 Apr 2018 12:22

Tgt Ion:112 Resp: 174
Ion Ratio Lower Upper
112 100
64 83.9 60.1 90.1
63 159.8 116.8 175.2



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: 0.105 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.00 min

Lab File: BE096217.D

Acq: 30 Apr 2018 12:22

Instrument :

BNA_E

ClientSampleId :

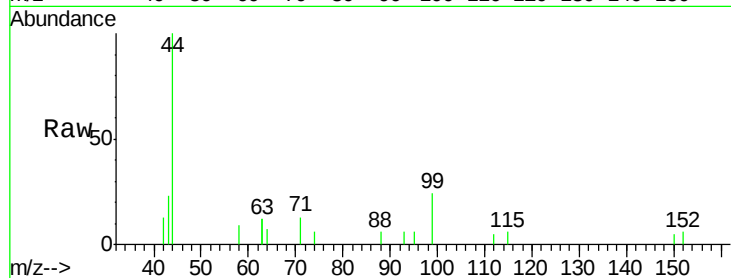
Tot Ion: 99 Resp: 275

Ion Ratio Lower Upper

99 100

42 26.9 20.2 30.2

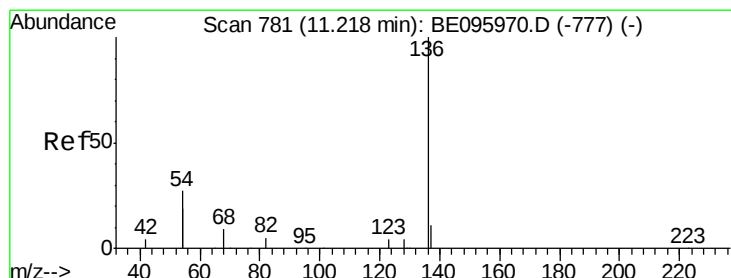
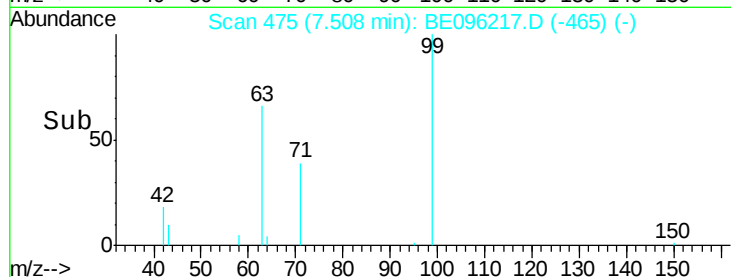
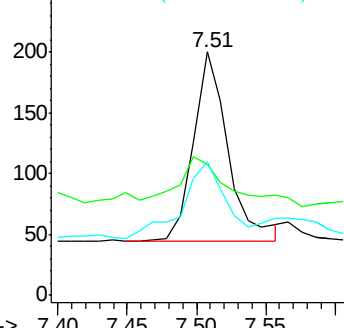
71 49.1 28.4 42.6#



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: BE096217.D

Acq: 30 Apr 2018 12:22

Tgt Ion: 136 Resp: 2223

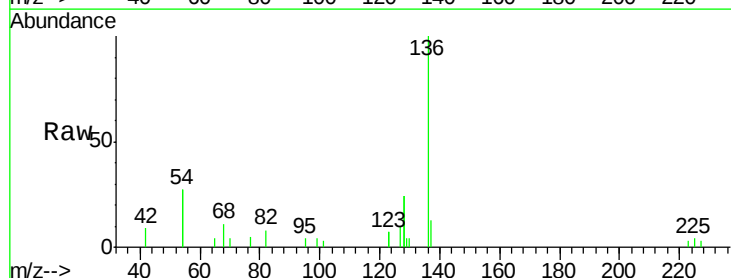
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 53.7 29.1 43.7#

68 11.1 6.2 9.2#

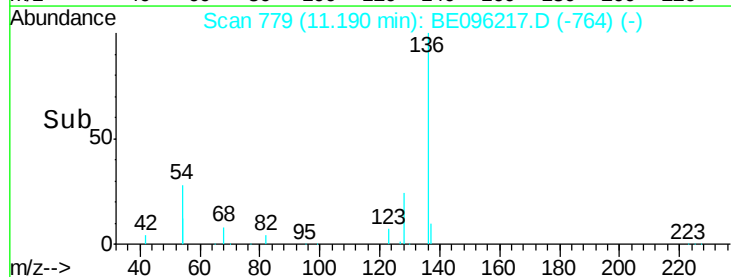
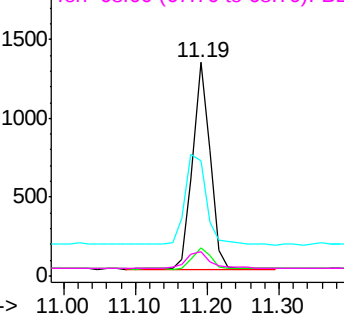


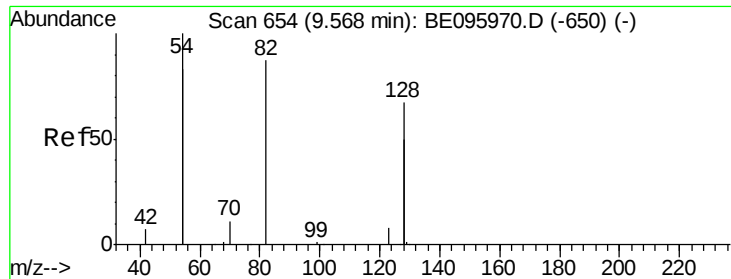
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.561 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

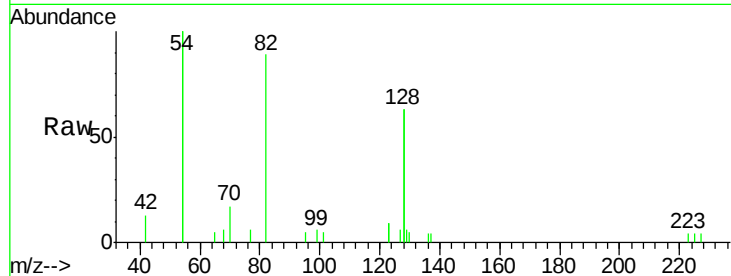
Lab File: BE096217.D

Acq: 30 Apr 2018 12:22

Instrument :

BNA_E

ClientSampleId :



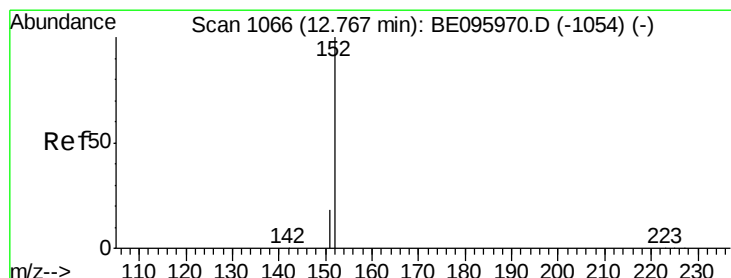
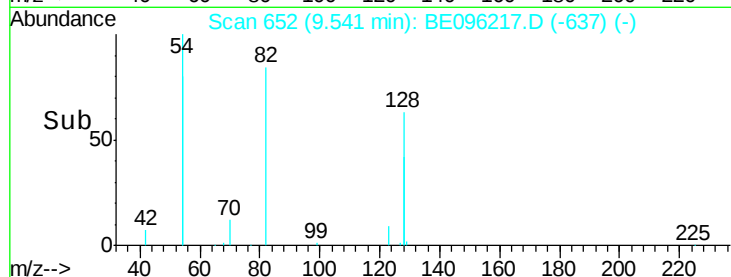
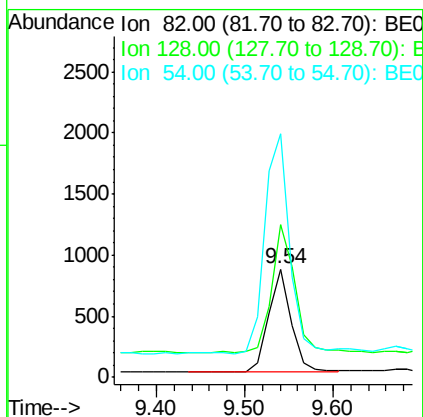
Tot Ion: 82 Resp: 1462

Ion Ratio Lower Upper

82 100

128 141.7 150.0 225.0#

54 225.1 154.2 231.4



#11

2-Methylnaphthalene-d10

Concen: 0.519 ng

RT: 12.73 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096217.D

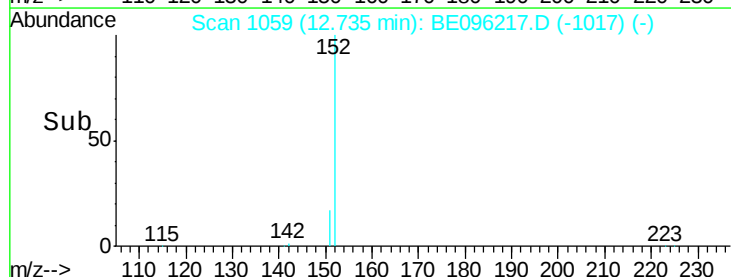
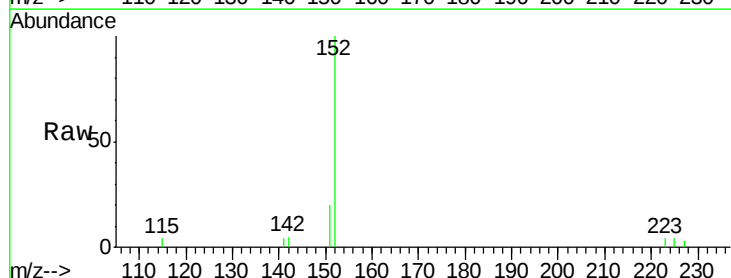
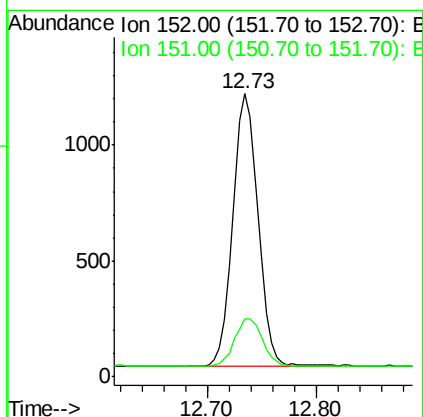
Acq: 30 Apr 2018 12:22

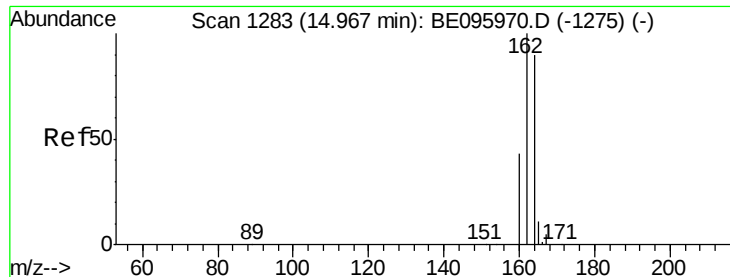
Tgt Ion: 152 Resp: 1828

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096217.D

Acq: 30 Apr 2018 12:22

Instrument :

BNA_E

ClientSampled :

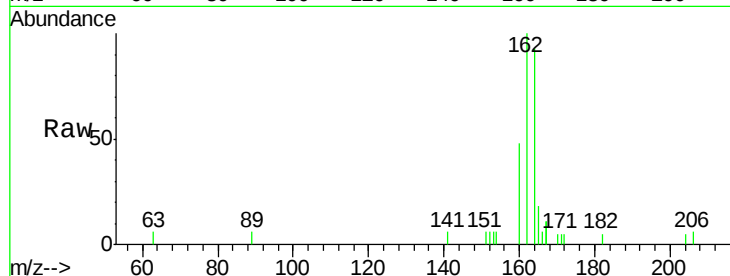
Tot Ion:164 Resp: 1153

Ion Ratio Lower Upper

164 100

162 107.2 83.1 124.7

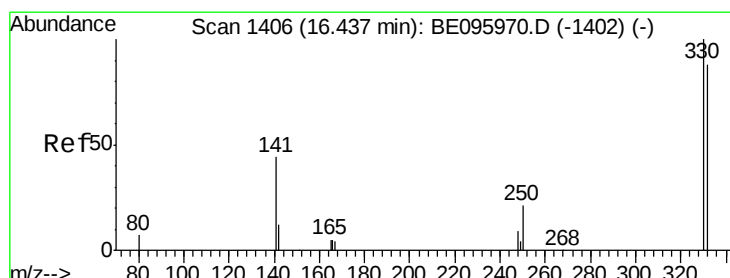
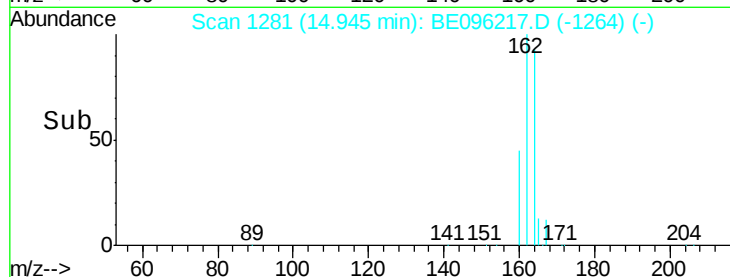
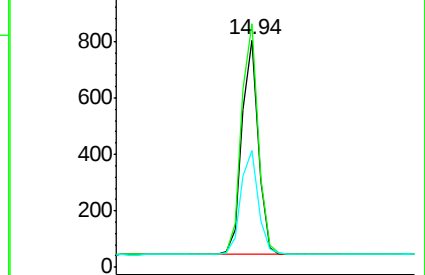
160 51.5 37.1 55.7



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: 0.295 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096217.D

Acq: 30 Apr 2018 12:22

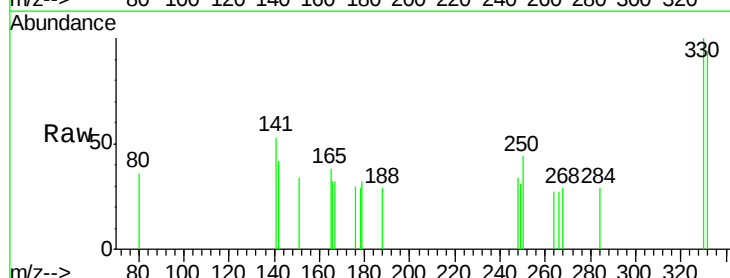
Tgt Ion:330 Resp: 164

Ion Ratio Lower Upper

330 100

332 94.5 152.7 229.1#

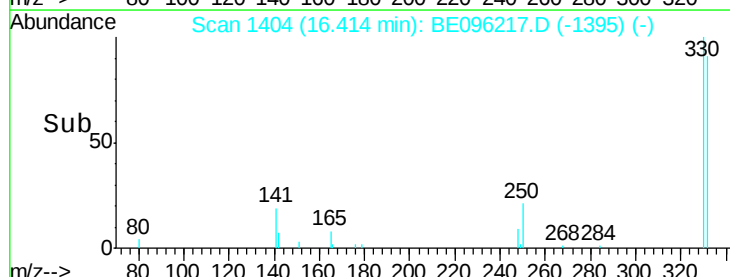
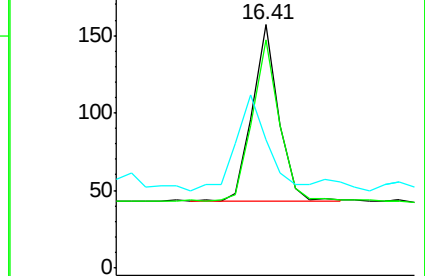
141 64.6 33.7 50.5#

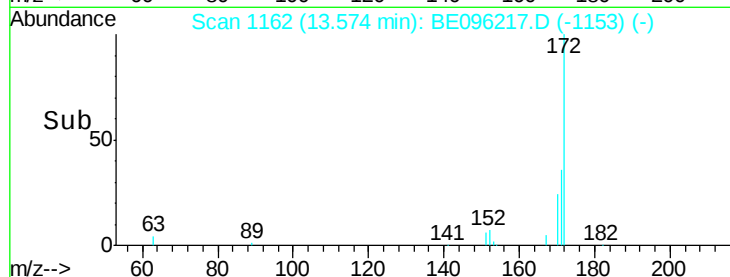
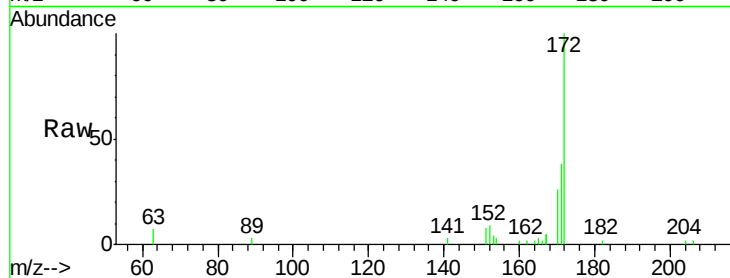
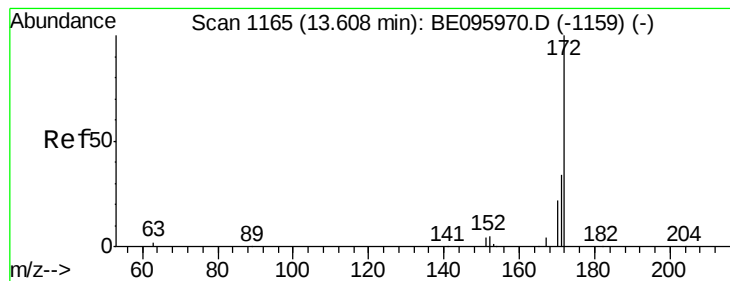


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.621 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096217.D

Acq: 30 Apr 2018 12:22

Instrument :

BNA_E

ClientSampleId :

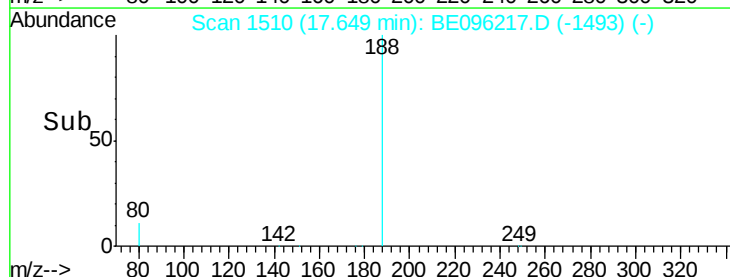
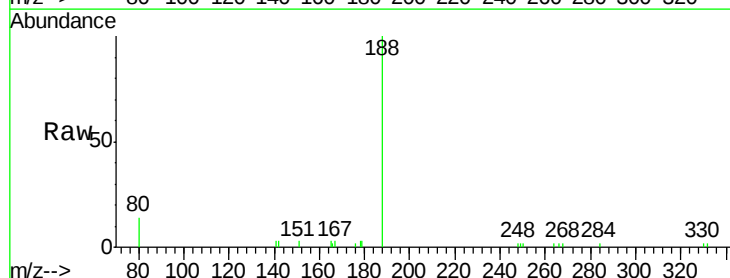
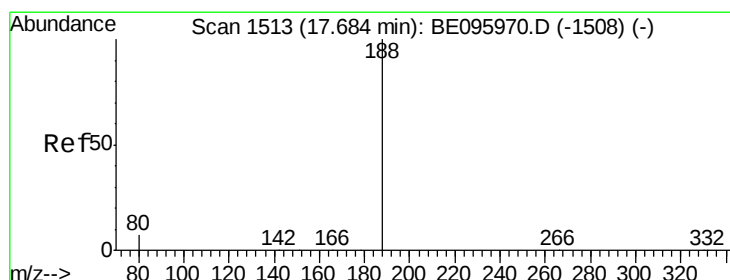
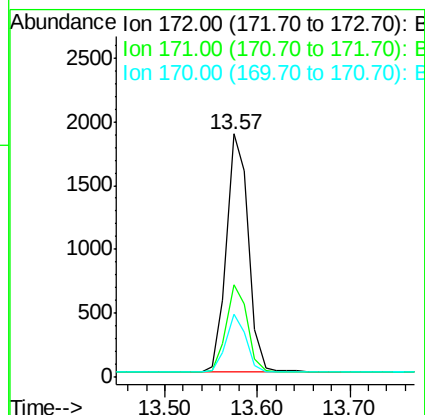
Tot Ion:172 Resp: 3061

Ion Ratio Lower Upper

172 100

171 37.9 29.9 44.9

170 25.7 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: BE096217.D

Acq: 30 Apr 2018 12:22

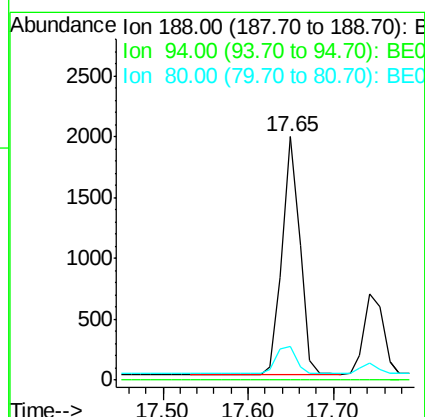
Tgt Ion:188 Resp: 2821

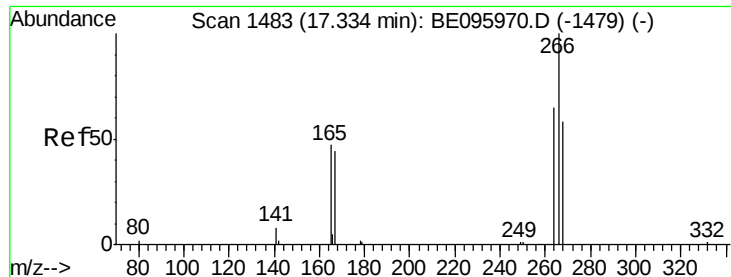
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 13.8 3.6 5.4#

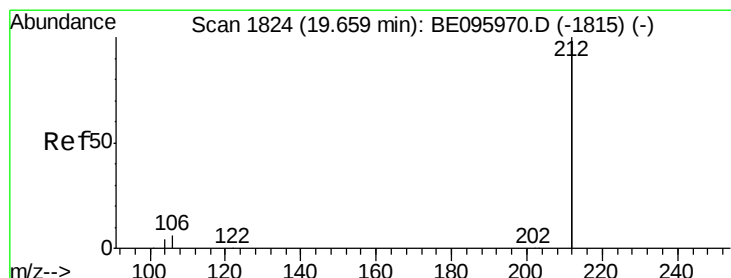
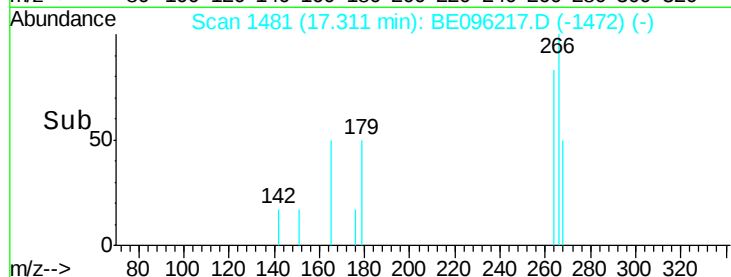
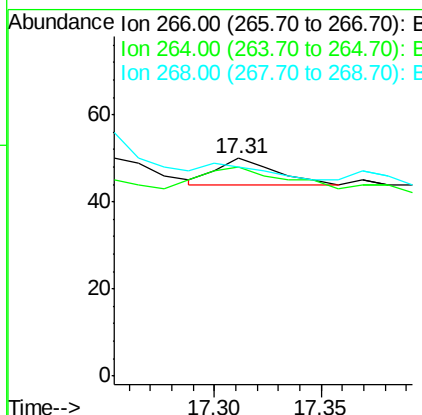
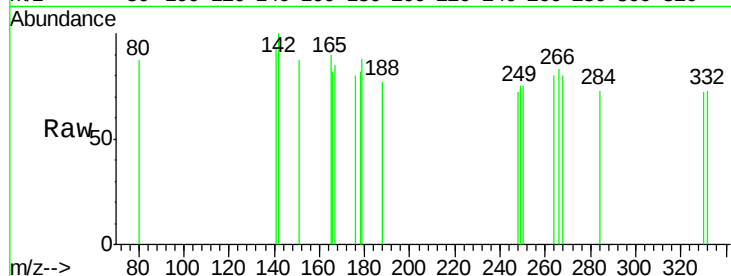




#22
 Pentachlorophenol
 Concen: 0.150 ng
 RT: 17.31 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BE096217.D
 Acq: 30 Apr 2018 12:22

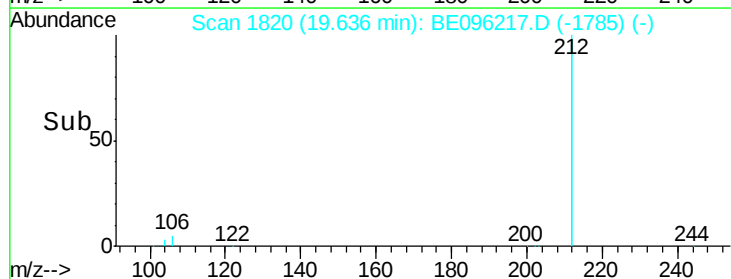
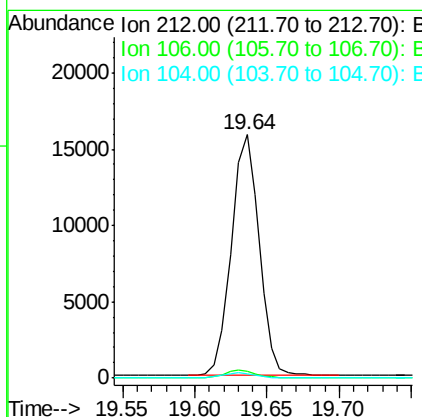
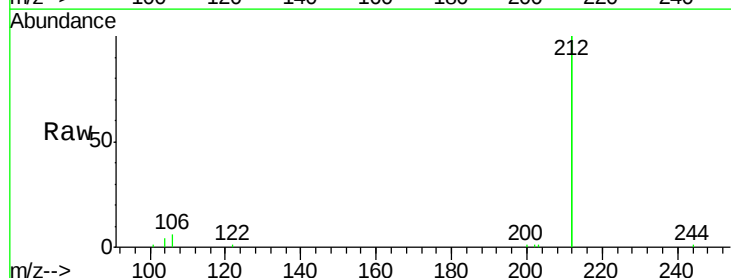
Instrument :
 BNA_E
 ClientSampleId :

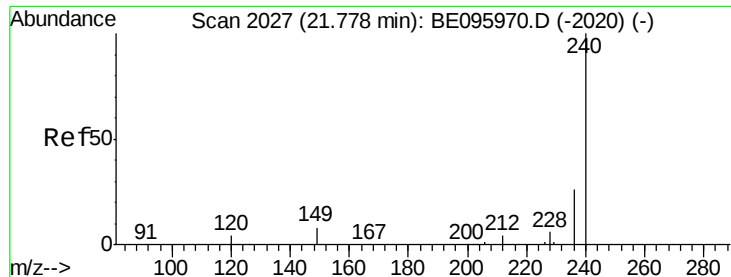
Tot Ion:266 Resp: 11
 Ion Ratio Lower Upper
 266 100
 264 96.0 72.5 108.7
 268 96.0 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.549 ng
 RT: 19.64 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BE096217.D
 Acq: 30 Apr 2018 12:22

Tgt Ion:212 Resp: 21032
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.9 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: BE096217.D

Acq: 30 Apr 2018 12:22

Instrument :

BNA_E

ClientSampled :

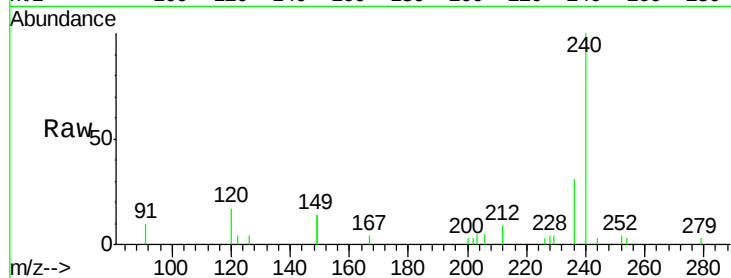
Tot Ion:240 Resp: 2979

Ion Ratio Lower Upper

240 100

120 16.7 5.5 8.3#

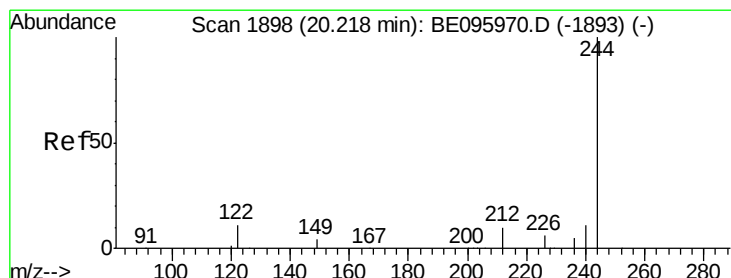
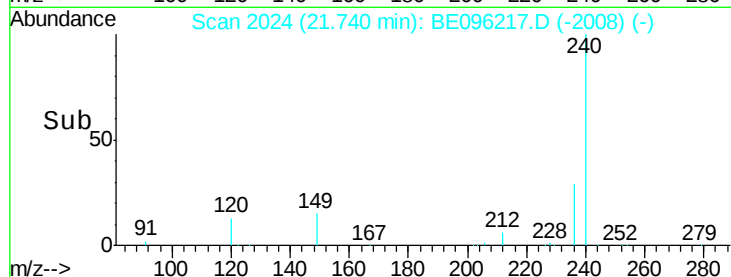
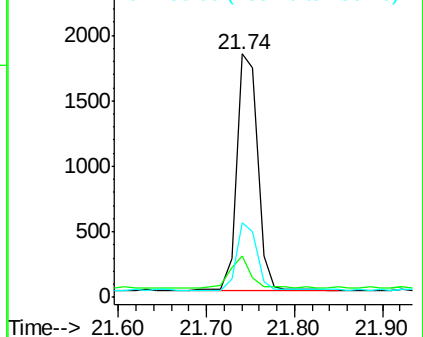
236 30.9 20.7 31.1



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: 0.558 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096217.D

Acq: 30 Apr 2018 12:22

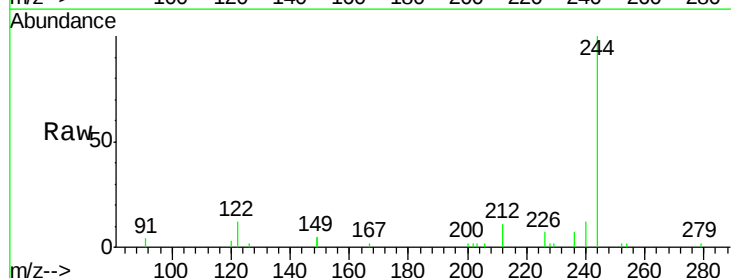
Tgt Ion:244 Resp: 3674

Ion Ratio Lower Upper

244 100

212 11.4 25.4 38.0#

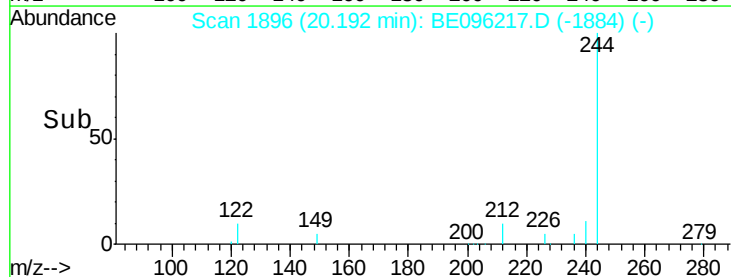
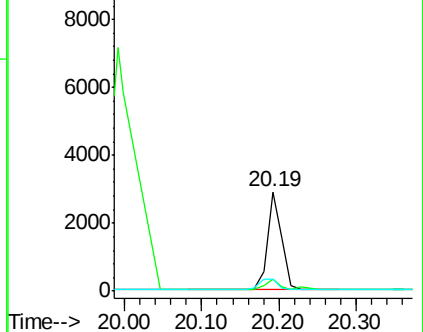
122 11.7 8.1 12.1

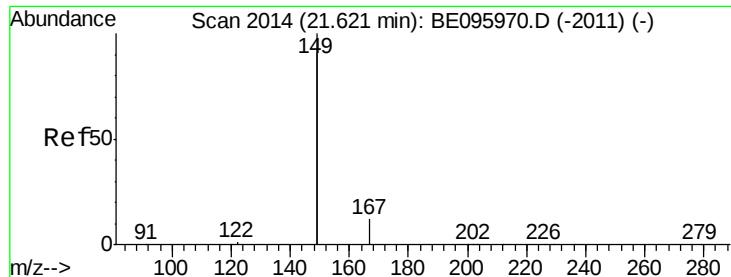


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.068 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096217.D

Acq: 30 Apr 2018 12:22

Instrument :

BNA_E

ClientSampleId :

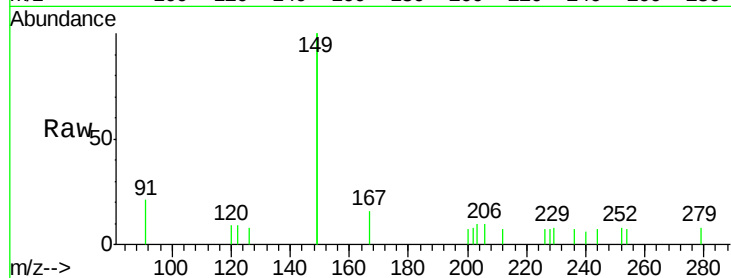
Tot Ion:149 Resp: 1678

Ion Ratio Lower Upper

149 100

167 5.6 5.4 8.0

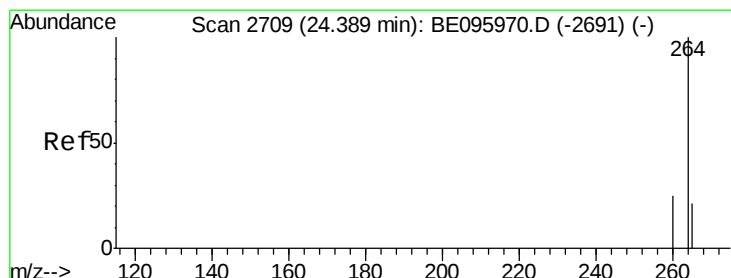
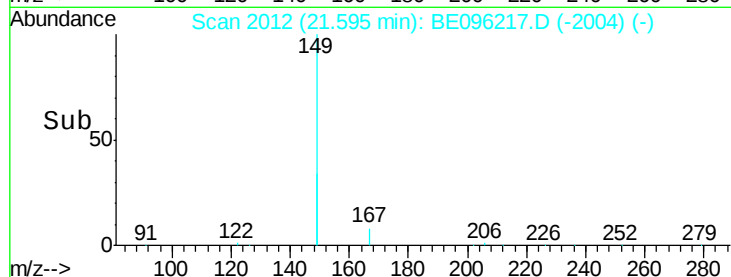
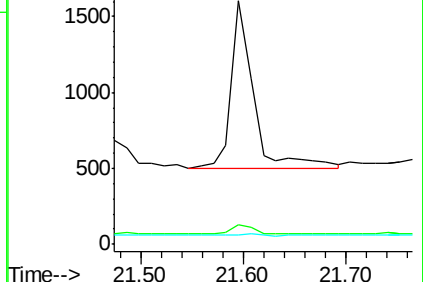
279 1.0 0.7 1.1



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# 2698

Delta R.T. -0.00 min

Lab File: BE096217.D

Acq: 30 Apr 2018 12:22

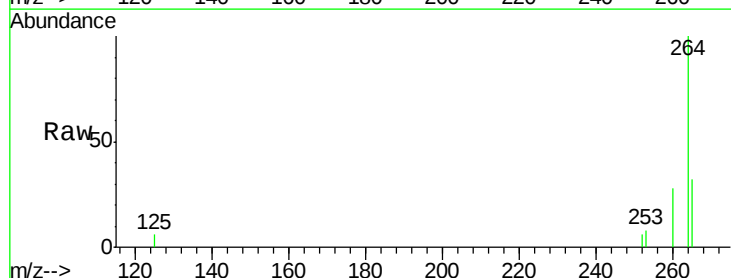
Tgt Ion:264 Resp: 2742

Ion Ratio Lower Upper

264 100

260 27.8 20.5 30.7

265 31.8 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

