

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\
 Data File : BE096221.D
 Acq On : 30 Apr 2018 14:46
 Operator : SJ/JU
 Sample : J2463-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 30 16:22:27 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

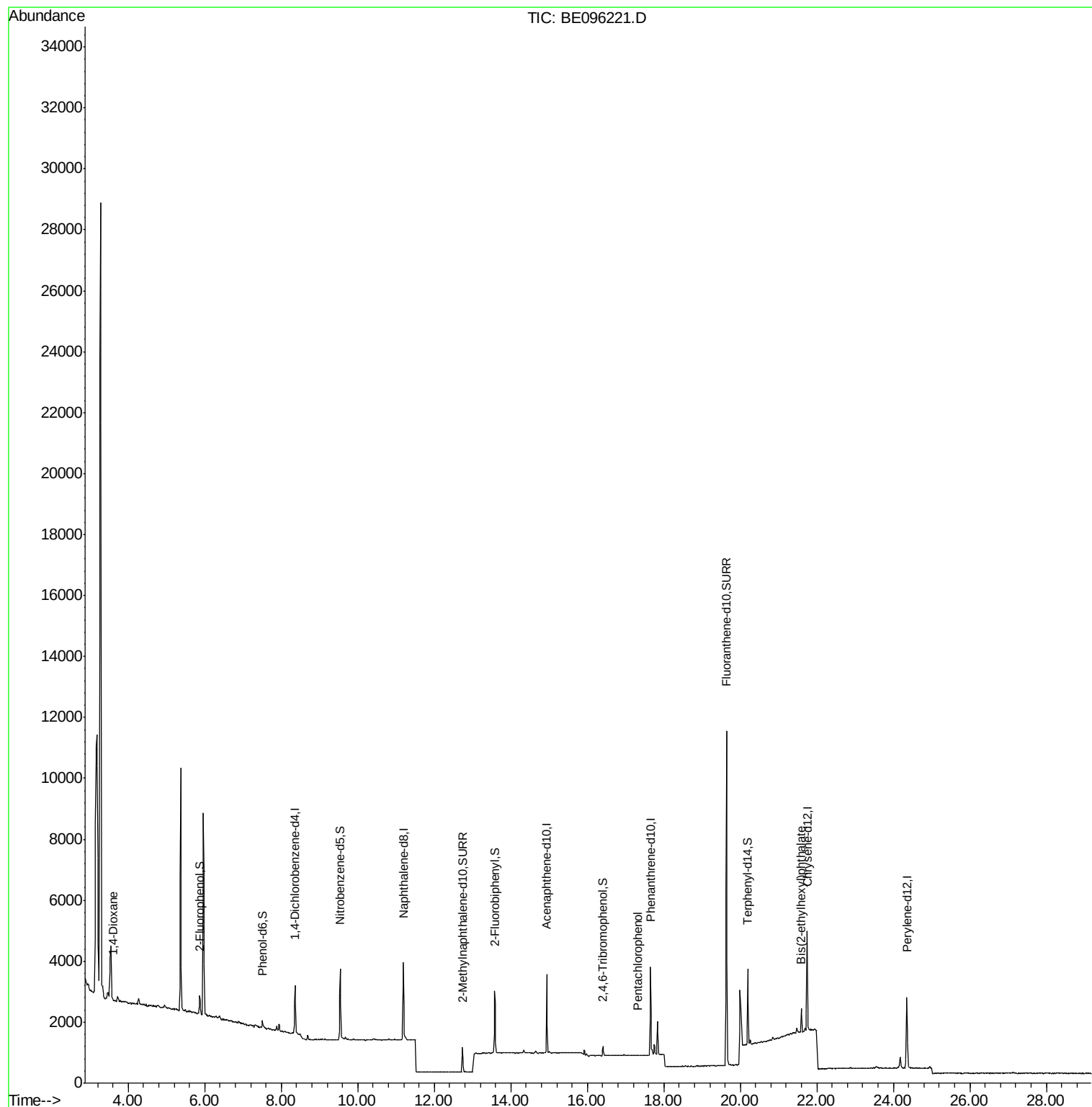
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	769	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2798	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1413	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3605	0.40	ng	0.00
27) Chrysene-d12	21.75	240	3795	0.40	ng	0.00
34) Perylene-d12	24.35	264	3467	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	291	0.12	ng	0.00
5) Phenol-d6	7.51	99	258	0.08	ng	0.00
8) Nitrobenzene-d5	9.54	82	912	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1146	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	164	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	1909	0.32	ng	0.00
25) Fluoranthene-d10	19.64	212	13782	0.28	ng	0.00
29) Terphenyl-d14	20.19	244	2313	0.28	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	27	0.023	ng	Qvalue # 70
22) Pentachlorophenol	17.31	266	4	0.140	ng	92
32) Bis(2-ethylhexyl)phthalate	21.59	149	1035	0.033	ng	# 94

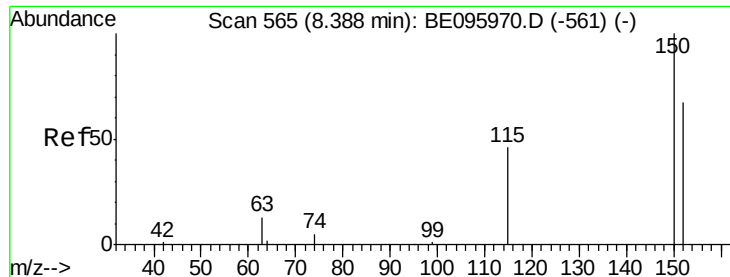
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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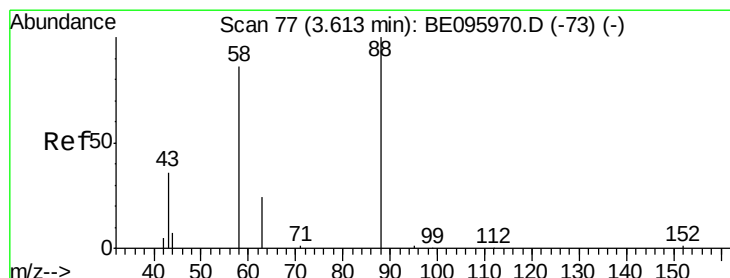
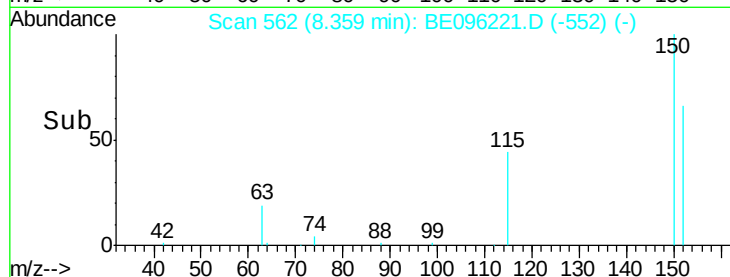
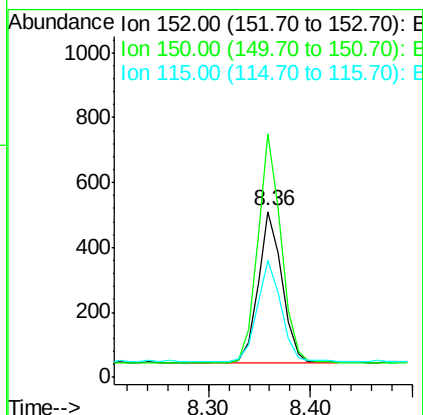
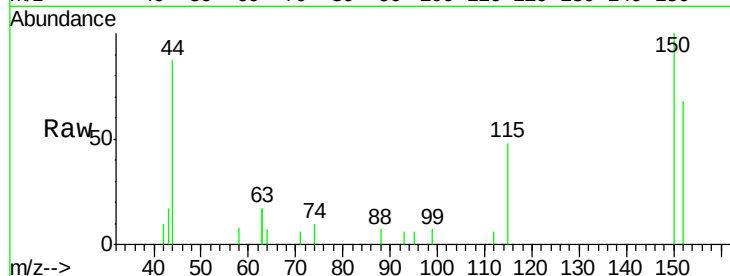


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096221.D
Acq: 30 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

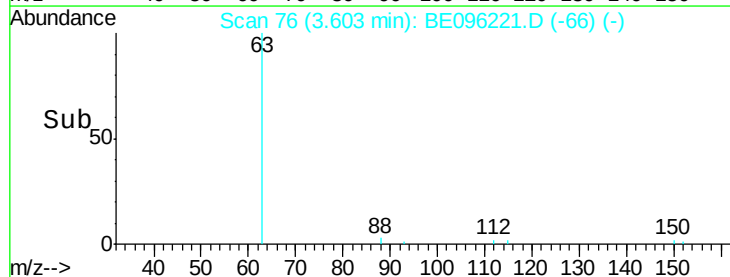
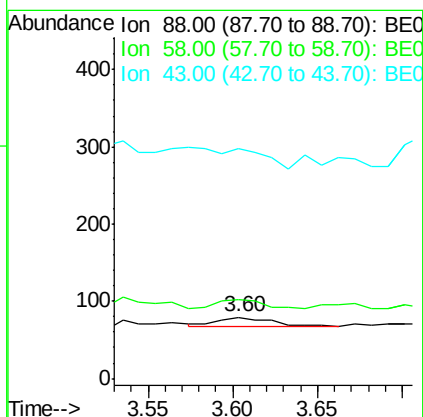
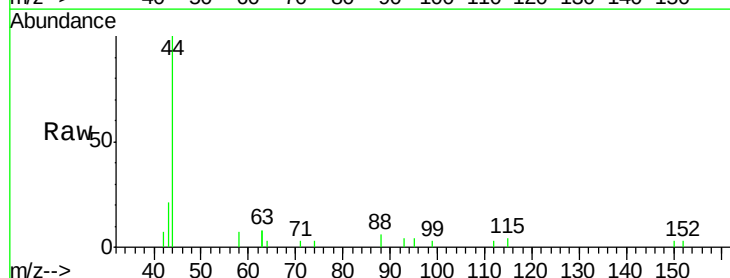
Tot Ion:152 Resp: 769
Ion Ratio Lower Upper
152 100
150 147.1 117.2 175.8
115 70.4 57.0 85.6

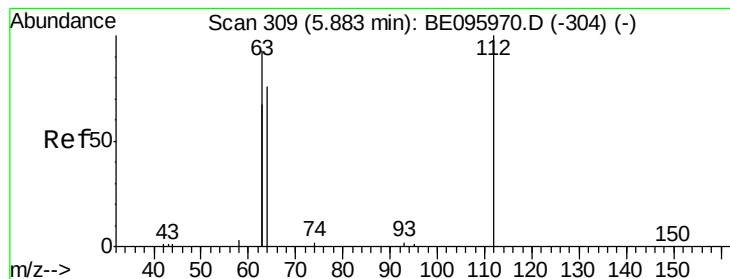


#2

1,4-Dioxane
Concen: 0.023 ng
RT: 3.60 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096221.D
Acq: 30 Apr 2018 14:46

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
58 77.8 63.2 94.8
43 0.0 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.122 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096221.D

Acq: 30 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

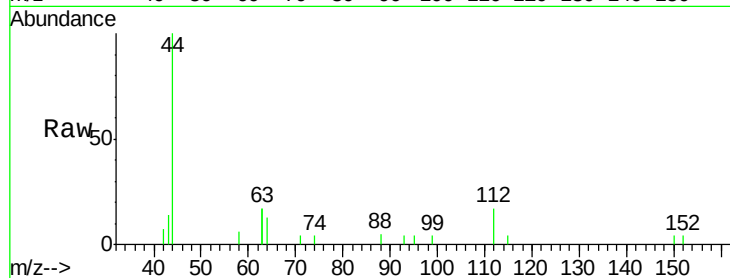
Tot Ion: 112 Resp: 291

Ion Ratio Lower Upper

112 100

64 76.6 60.1 90.1

63 174.2 116.8 175.2

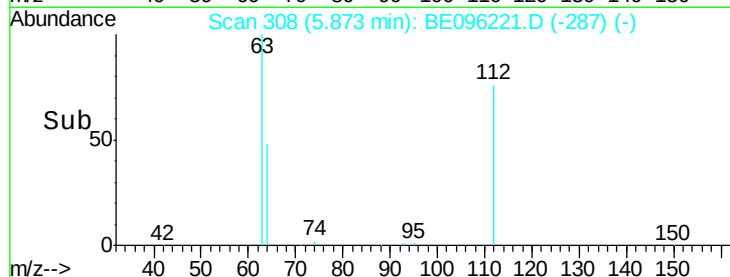


Abundance Ion 112.00 (111.70 to 112.70): E

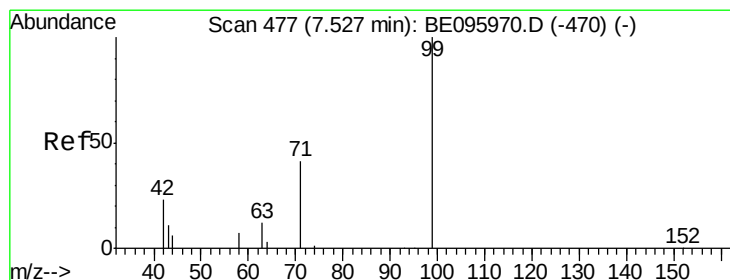
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 0.079 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.00 min

Lab File: BE096221.D

Acq: 30 Apr 2018 14:46

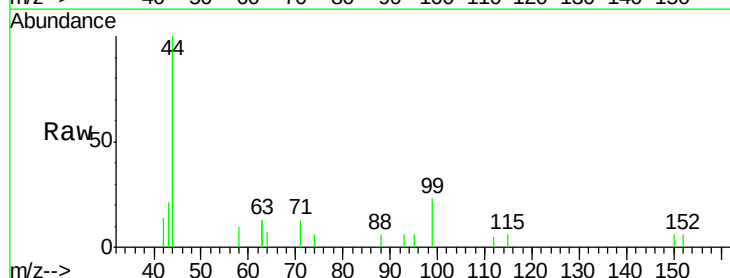
Tgt Ion: 99 Resp: 258

Ion Ratio Lower Upper

99 100

42 32.2 20.2 30.2#

71 45.3 28.4 42.6#

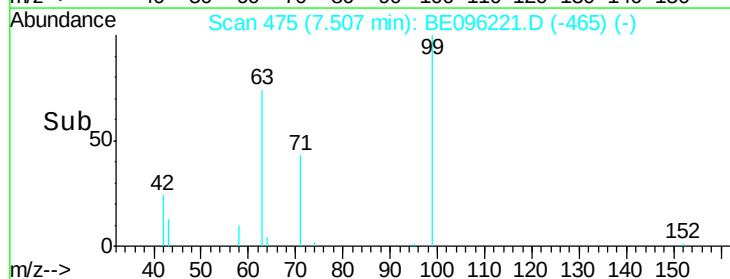


Abundance Ion 99.00 (98.70 to 99.70): BE0

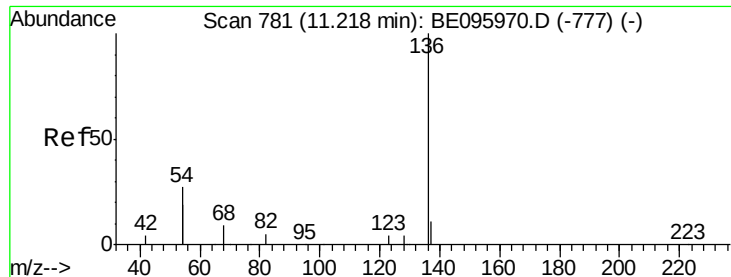
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096221.D

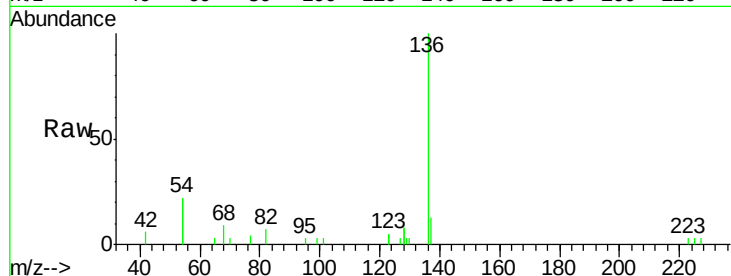
Acq: 30 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	2798
Ion	Ratio	Lower Upper
136	100	
137	13.1	9.5 14.3
54	43.9	29.1 43.7#
68	8.6	6.2 9.2

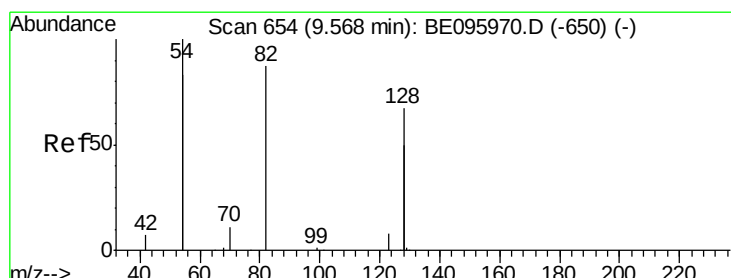
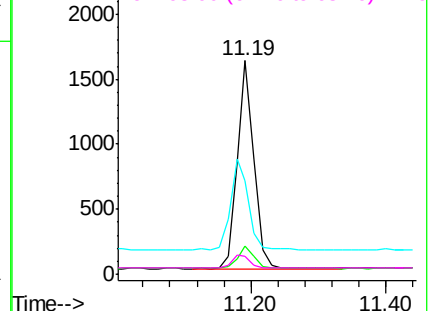
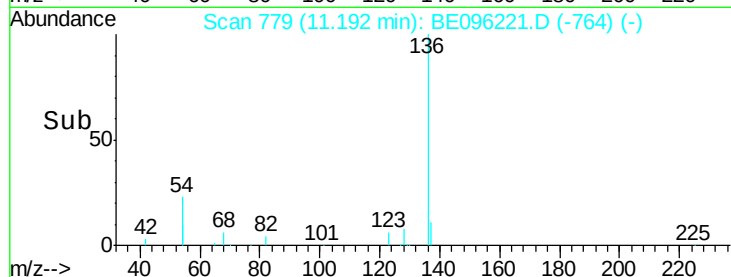


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.278 ng

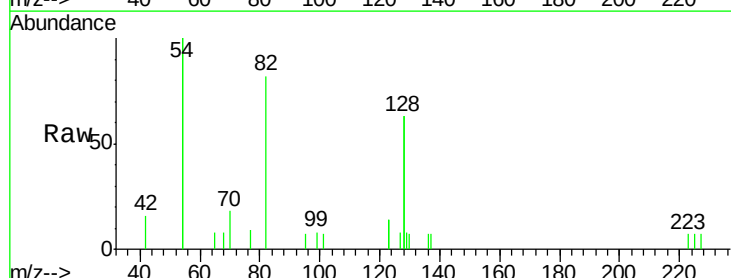
RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096221.D

Acq: 30 Apr 2018 14:46

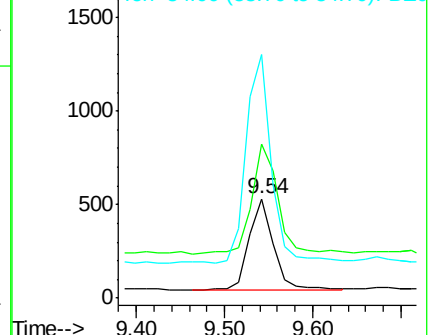
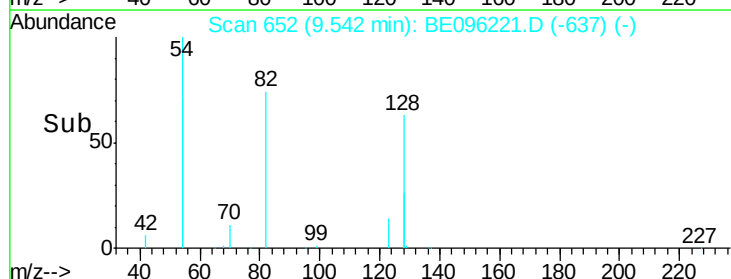
Tgt Ion: 82	Resp:	912
Ion	Ratio	Lower Upper
82	100	
128	155.6	150.0 225.0
54	245.2	154.2 231.4#

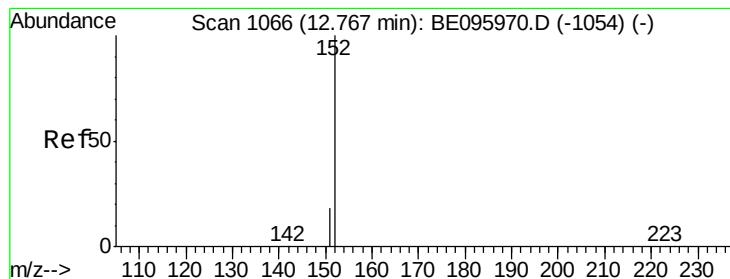


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.258 ng

RT: 12.73 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096221.D

Acq: 30 Apr 2018 14:46

Instrument :

BNA_E

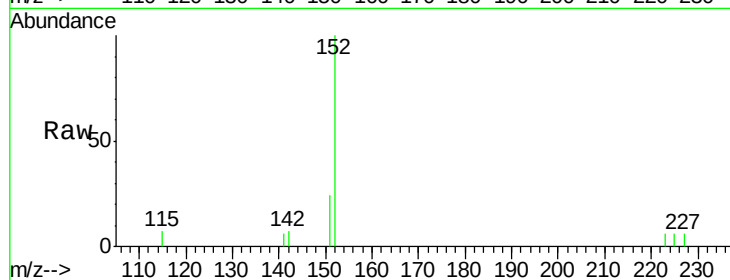
ClientSampleId :

Tot Ion:152 Resp: 1146

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

12.73

800

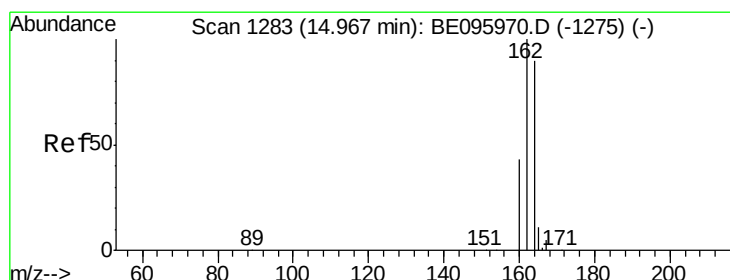
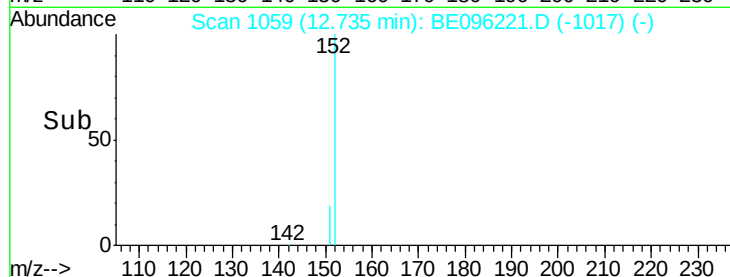
600

400

200

0

Time--> 12.65 12.70 12.75 12.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096221.D

Acq: 30 Apr 2018 14:46

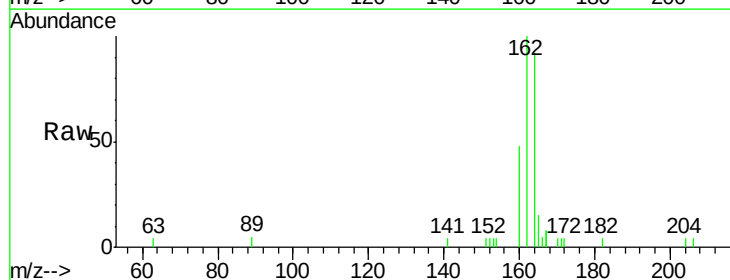
Tgt Ion:164 Resp: 1413

Ion Ratio Lower Upper

164 100

162 108.5 83.1 124.7

160 52.2 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

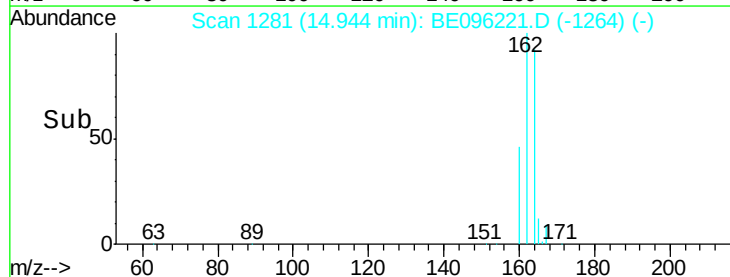
1500

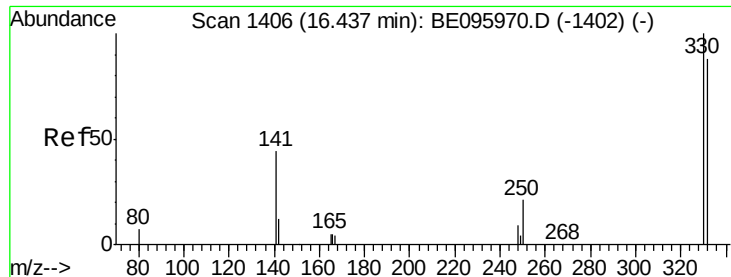
1000

500

0

Time--> 14.80 14.90 15.00 15.10

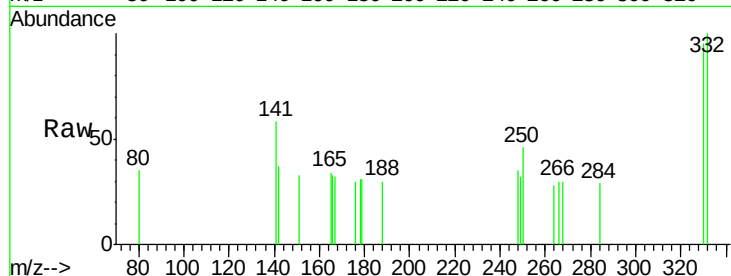




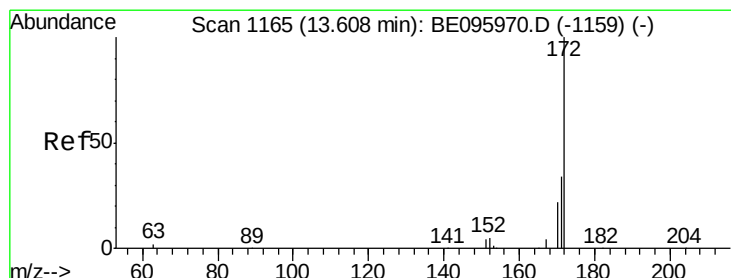
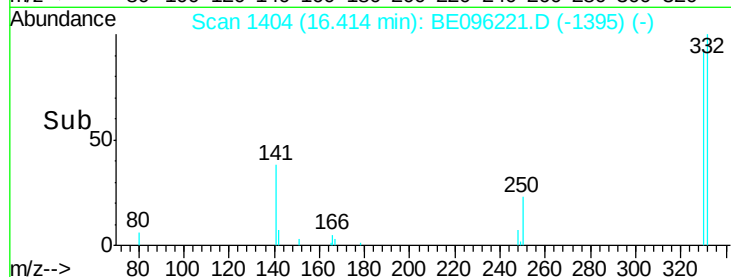
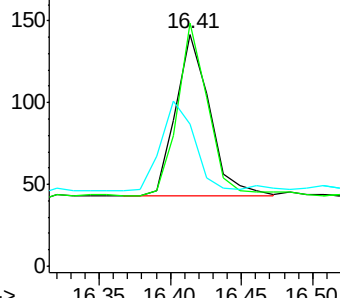
#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096221.D
Acq: 30 Apr 2018 14:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:330 Resp: 164
Ion Ratio Lower Upper
330 100
332 94.5 152.7 229.1#
141 54.9 33.7 50.5#

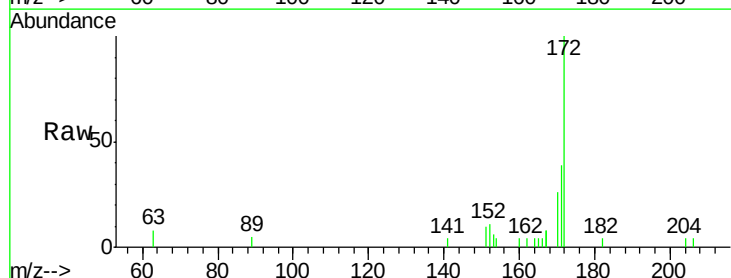


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

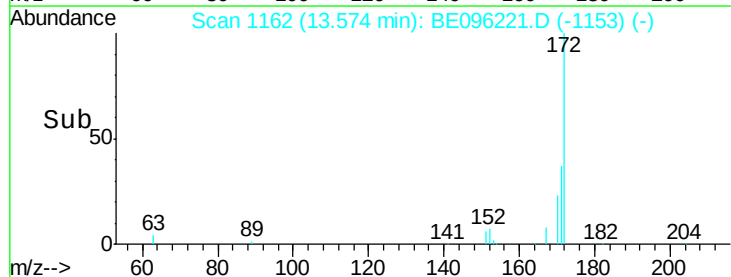
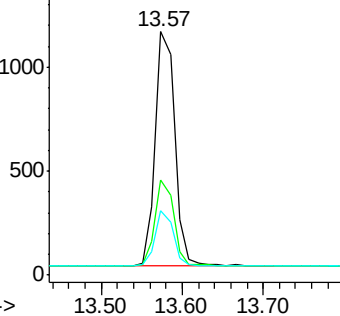


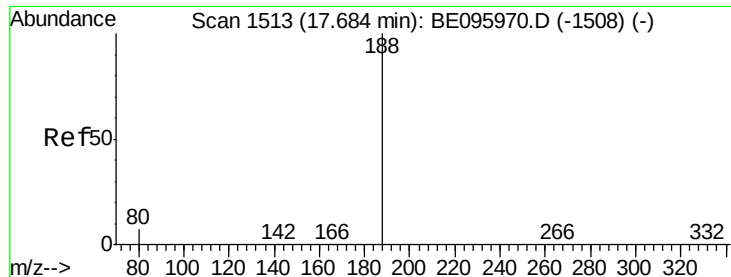
#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096221.D
Acq: 30 Apr 2018 14:46

Tgt Ion:172 Resp: 1909
Ion Ratio Lower Upper
172 100
171 38.9 29.9 44.9
170 26.3 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096221.D

Acq: 30 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

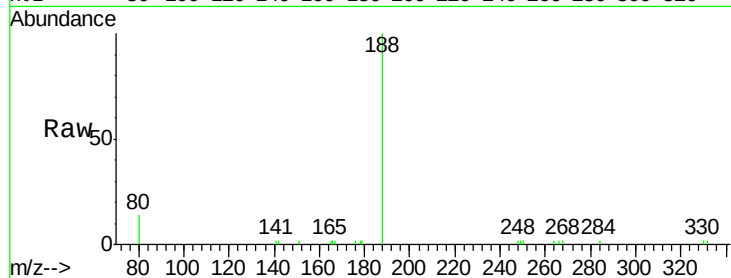
Tot Ion:188 Resp: 3605

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

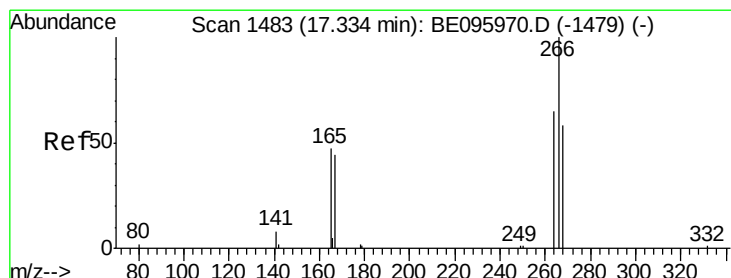
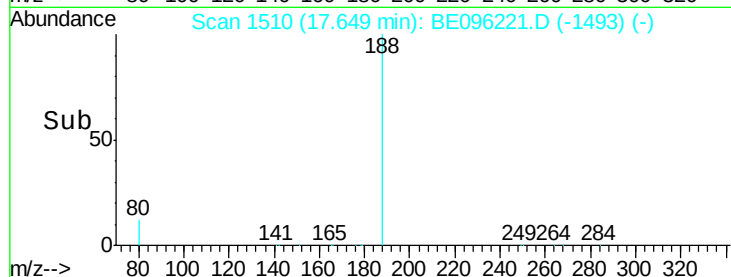
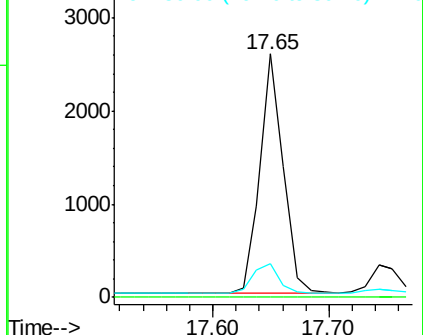
80 14.0 3.6 5.4#



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: 0.140 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096221.D

Acq: 30 Apr 2018 14:46

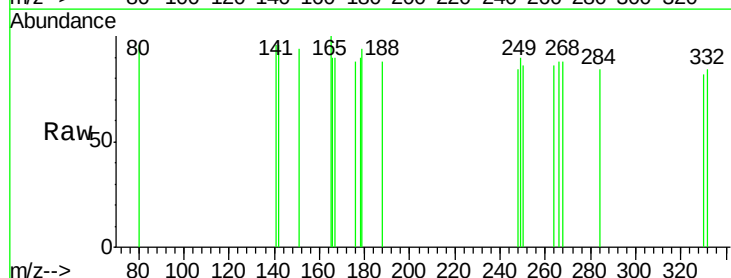
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 97.8 72.5 108.7

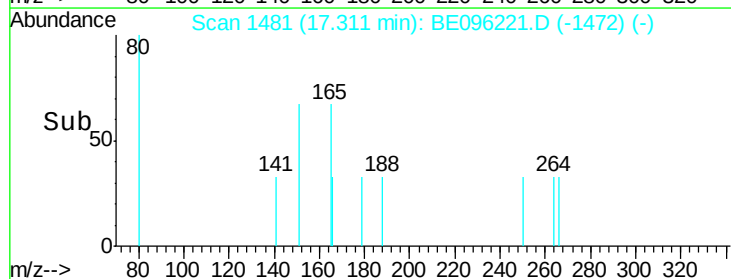
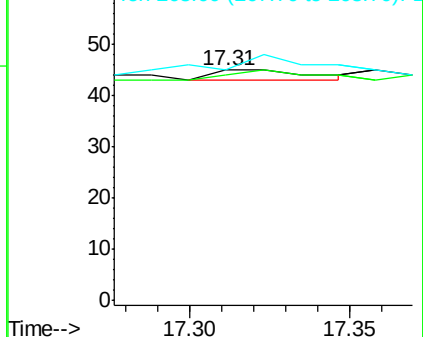
268 100.0 73.8 110.6

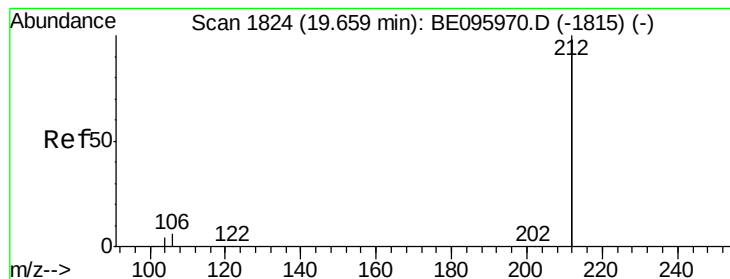


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.282 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096221.D

Acq: 30 Apr 2018 14:46

Instrument :

BNA_E

ClientSampled :

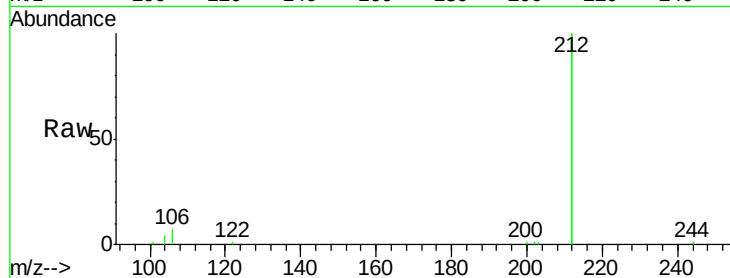
Tot Ion:212 Resp: 13782

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

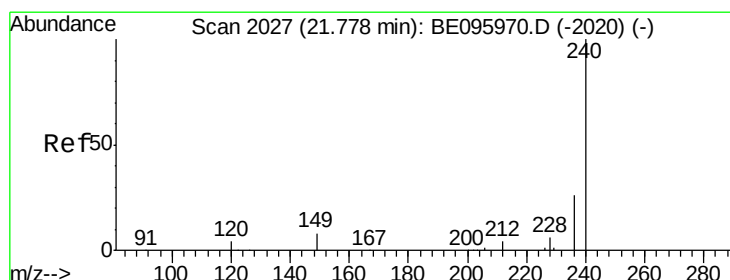
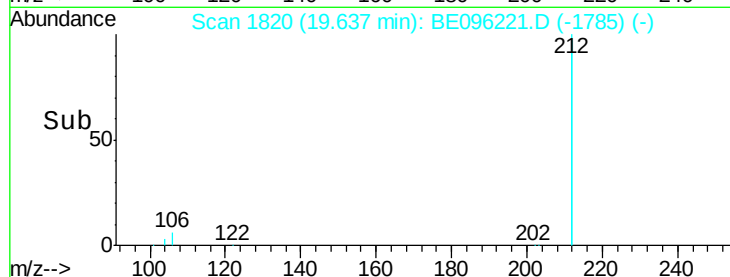
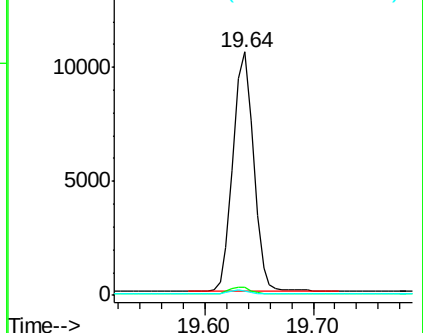
104 1.9 1.6 2.4



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: BE096221.D

Acq: 30 Apr 2018 14:46

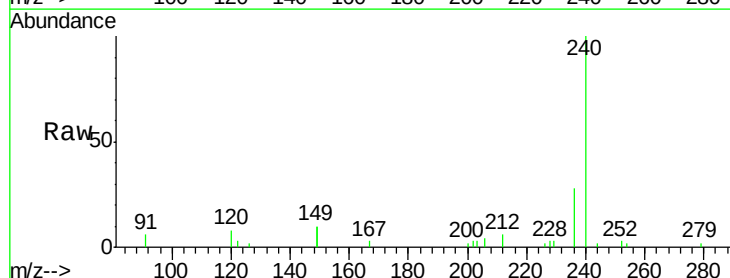
Tgt Ion:240 Resp: 3795

Ion Ratio Lower Upper

240 100

120 7.8 5.5 8.3

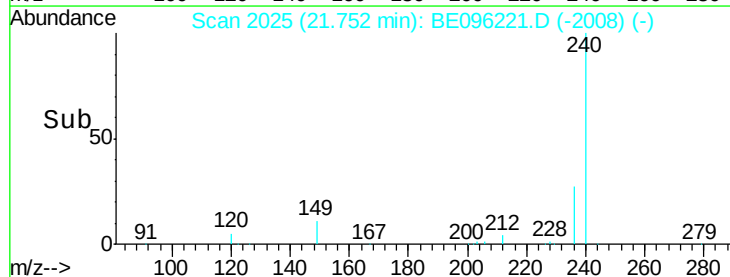
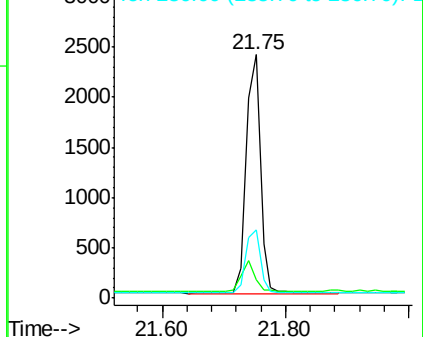
236 28.2 20.7 31.1

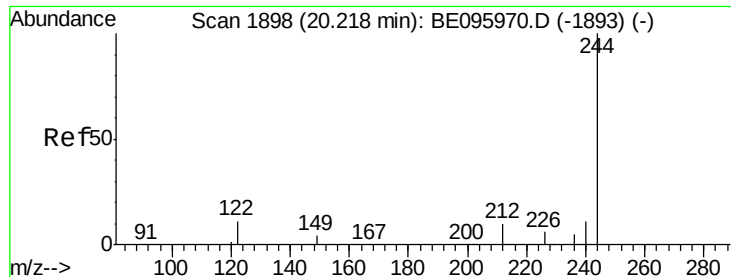


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.276 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096221.D

Acq: 30 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

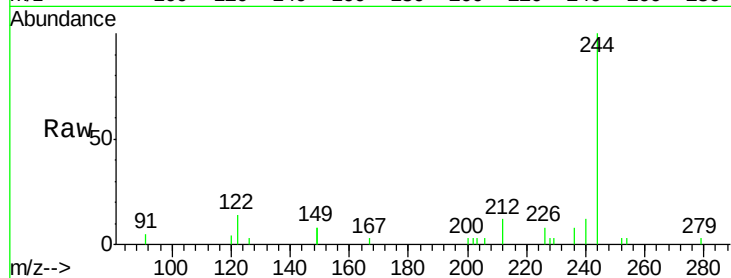
Tot Ion:244 Resp: 2313

Ion Ratio Lower Upper

244 100

212 12.4 25.4 38.0#

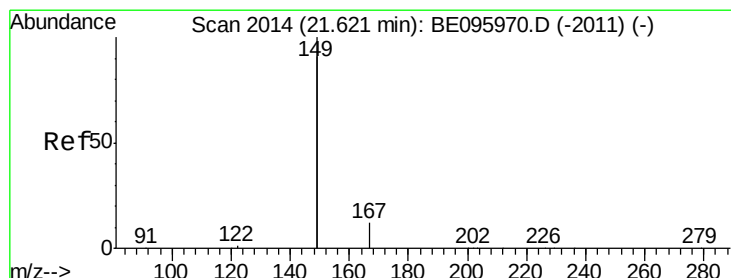
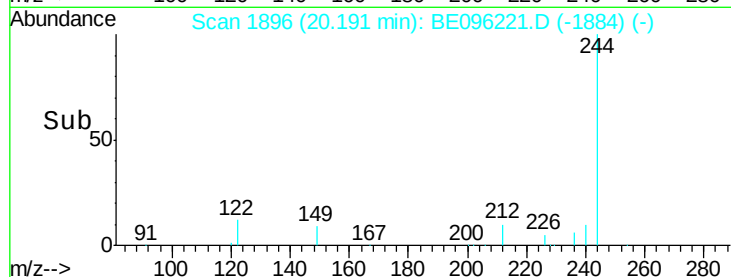
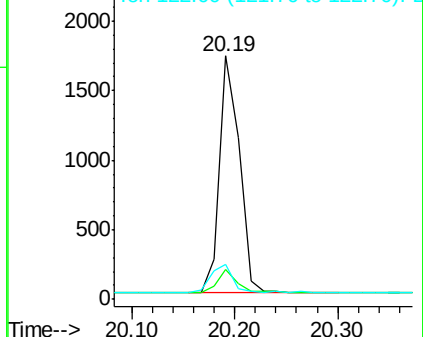
122 14.4 8.1 12.1#



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: 0.033 ng

RT: 21.59 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096221.D

Acq: 30 Apr 2018 14:46

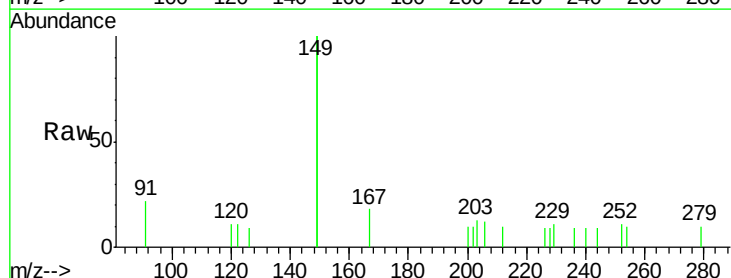
Tgt Ion:149 Resp: 1035

Ion Ratio Lower Upper

149 100

167 9.0 5.4 8.0#

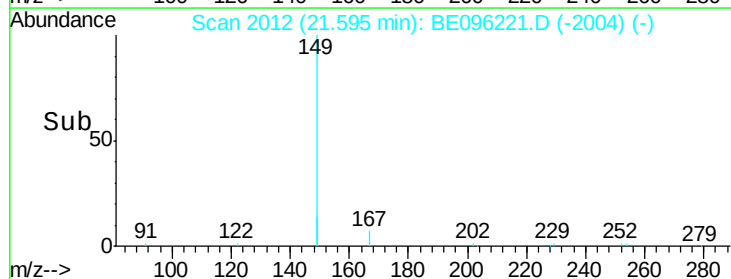
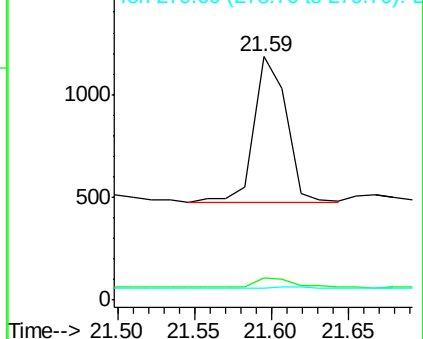
279 1.6 0.7 1.1#

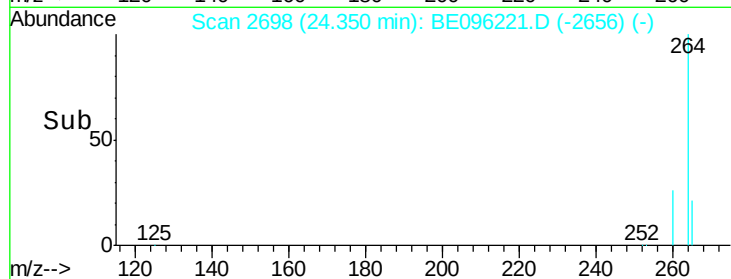
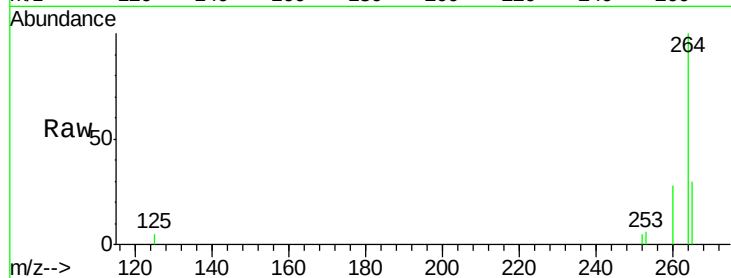
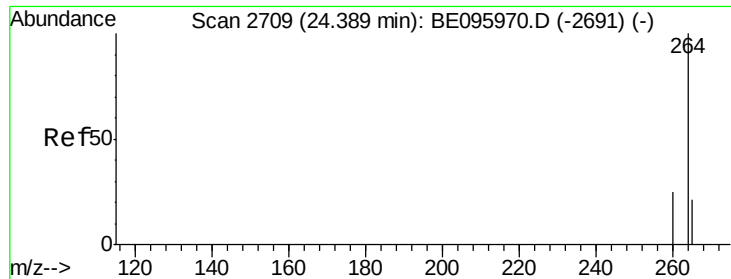


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096221.D

Acq: 30 Apr 2018 14:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 3467

Ion Ratio Lower Upper

264 100

260 27.9 20.5 30.7

265 30.0 22.8 34.2

