

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096300.D
 Acq On : 2 May 2018 18:54
 Operator : SJ/JU
 Sample : J2641-14DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 03 01:52:08 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

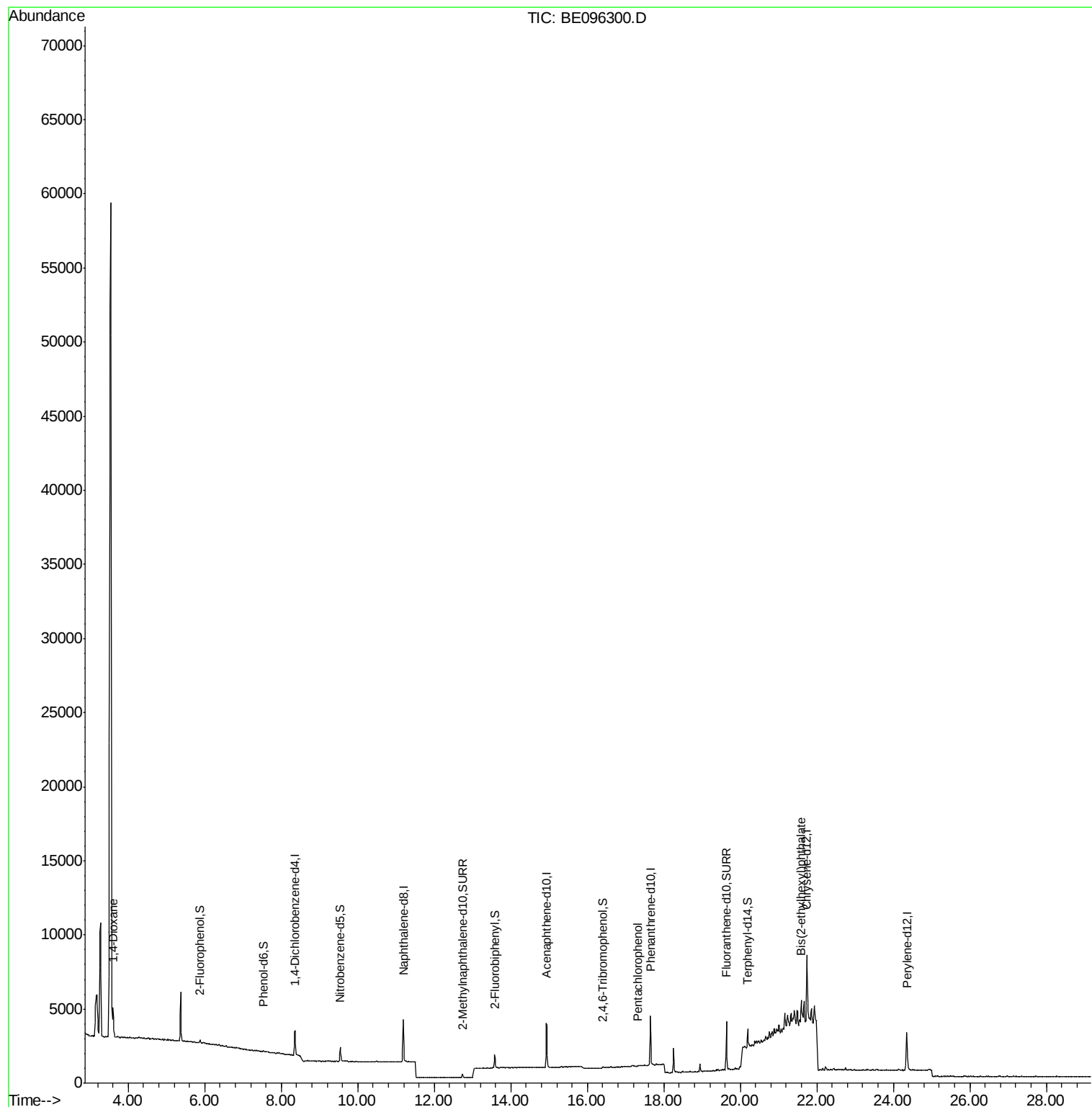
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	890	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3480	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1949	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	4555	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4465	0.40	ng	0.00
34) Perylene-d12	24.35	264	4220	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	91	0.03	ng	0.01
5) Phenol-d6	7.53	99	77	0.02	ng	0.02
8) Nitrobenzene-d5	9.54	82	407	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	383	0.07	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	61	0.06	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	887	0.11	ng	0.00
25) Fluoranthene-d10	19.64	212	4365	0.07	ng	0.00
29) Terphenyl-d14	20.19	244	1150	0.12	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	1295	0.942	ng	93
22) Pentachlorophenol	17.32	266	21	0.152	ng	95
32) Bis(2-ethylhexyl)phthalate	21.60	149	1426	0.039	ng	# 98

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

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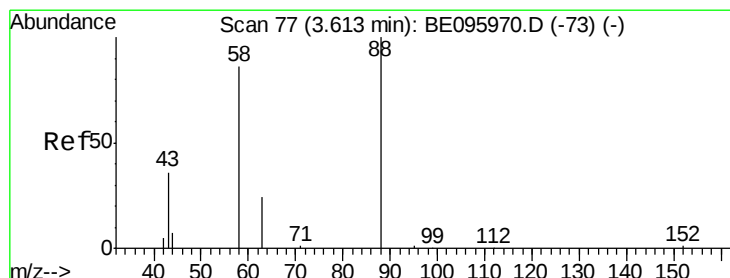
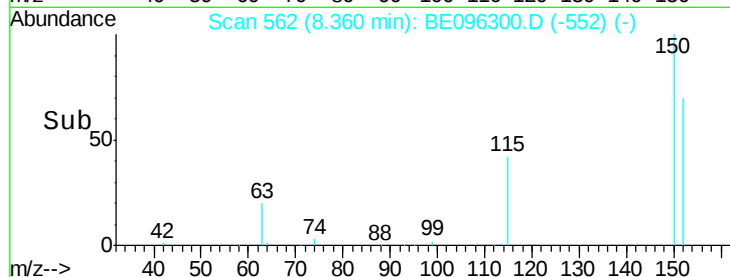
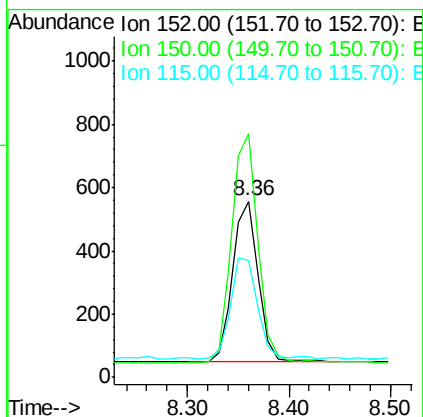
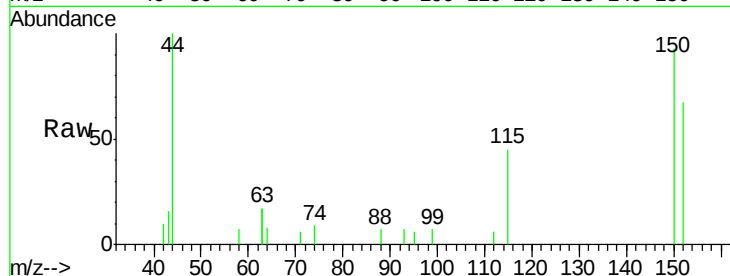


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BE096300.D
 Acq: 2 May 2018 18:54

Instrument :
 BNA_E
 ClientSampleId :

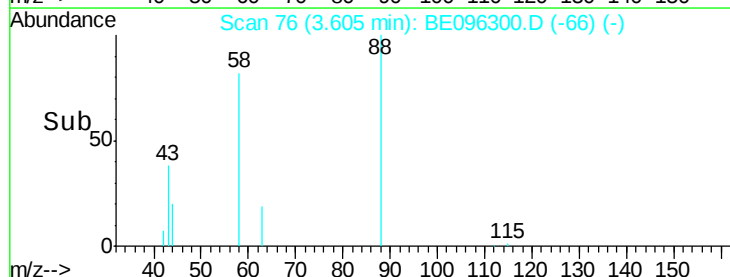
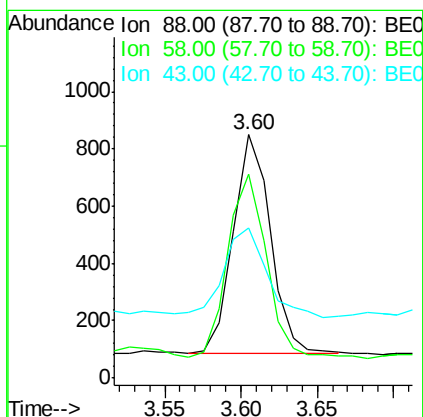
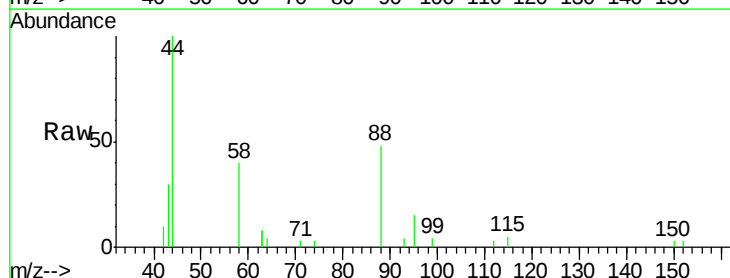
Tot Ion:152 Resp: 890
 Ion Ratio Lower Upper
 152 100
 150 138.2 117.2 175.8
 115 66.2 57.0 85.6

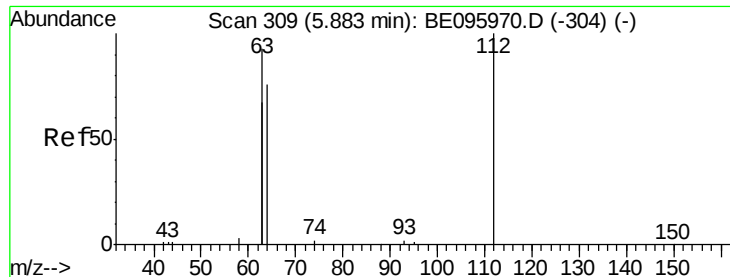


#2

1,4-Dioxane
 Concen: 0.942 ng
 RT: 3.60 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: BE096300.D
 Acq: 2 May 2018 18:54

Tgt Ion: 88 Resp: 1295
 Ion Ratio Lower Upper
 88 100
 58 86.1 63.2 94.8
 43 47.5 41.2 61.8





#4

2-Fluorophenol

Concen: 0.033 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

Instrument :

BNA_E

ClientSampleId :

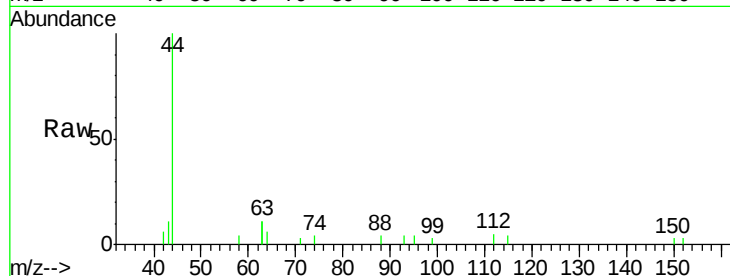
Tot Ion: 112 Resp: 91

Ion Ratio Lower Upper

112 100

64 107.7 60.1 90.1#

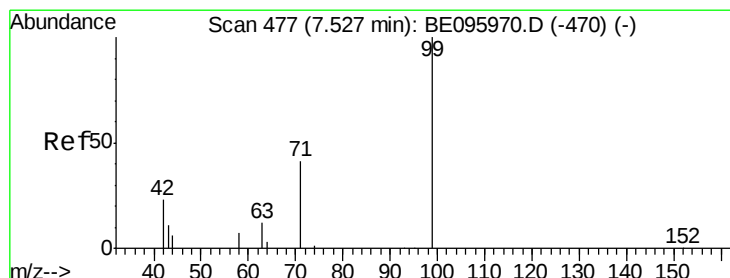
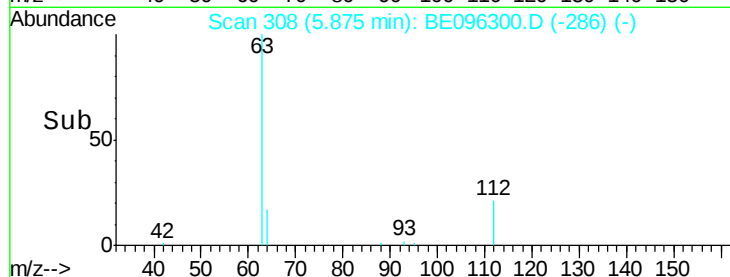
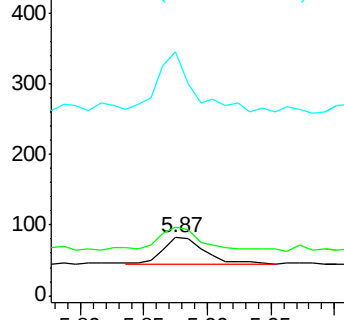
63 192.3 116.8 175.2#



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: 0.020 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

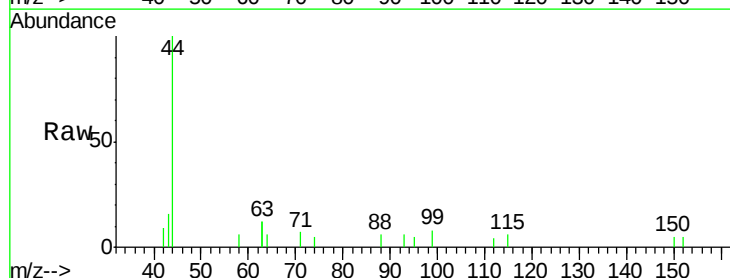
Tgt Ion: 99 Resp: 77

Ion Ratio Lower Upper

99 100

42 29.9 20.2 30.2

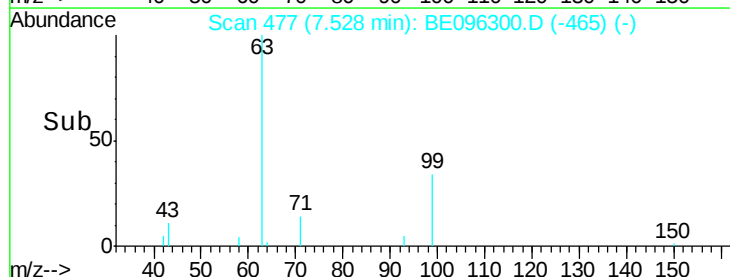
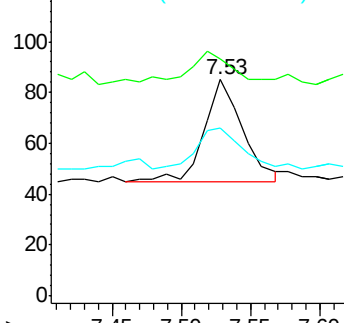
71 46.8 28.4 42.6#



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: BE096300.D

Acq: 2 May 2018 18:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3480

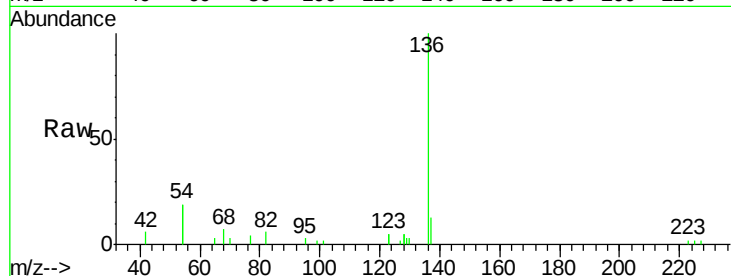
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 37.5 29.1 43.7

68 6.9 6.2 9.2

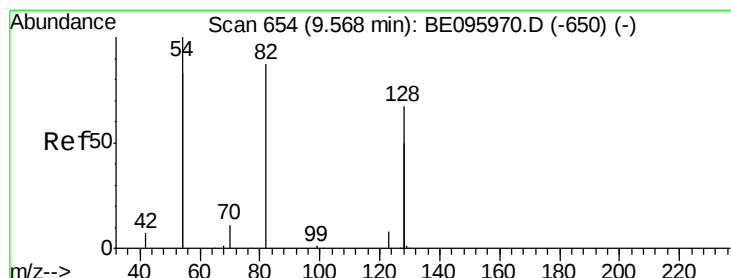
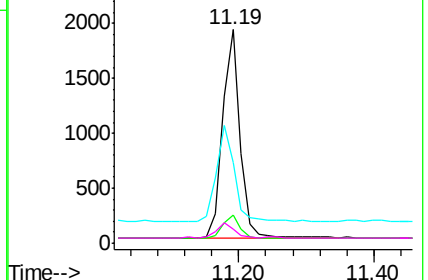
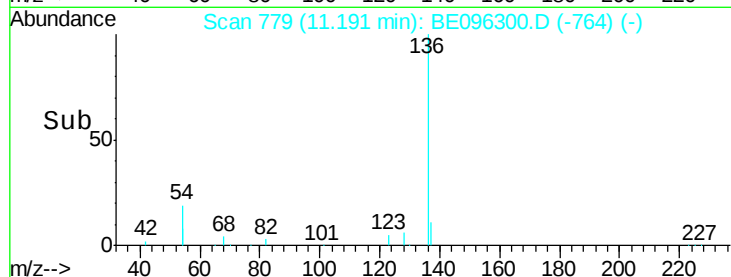


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.100 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

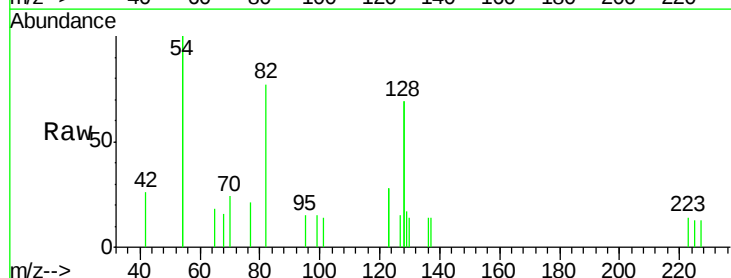
Tgt Ion: 82 Resp: 407

Ion Ratio Lower Upper

82 100

128 179.5 150.0 225.0

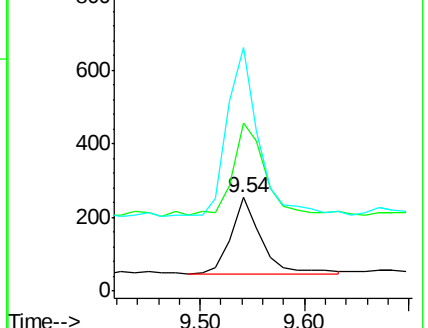
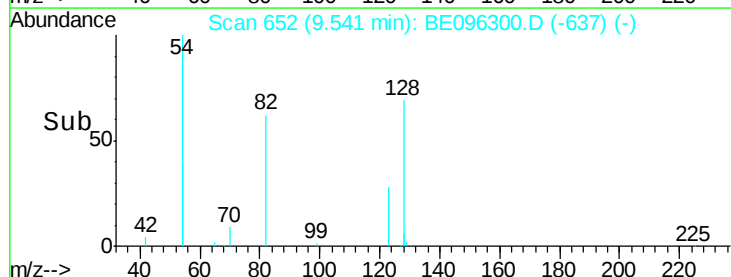
54 260.6 154.2 231.4#

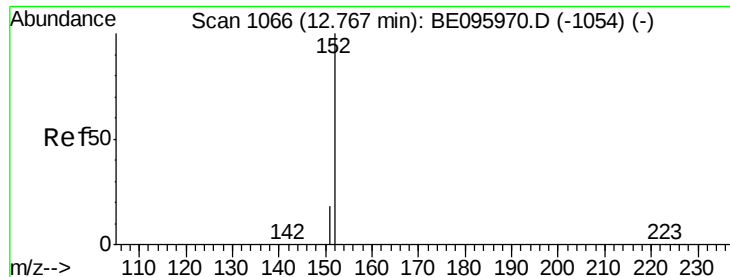


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

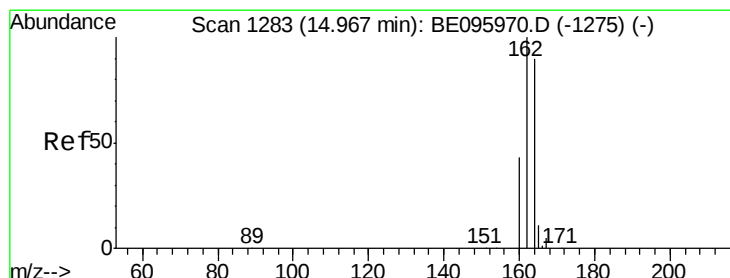
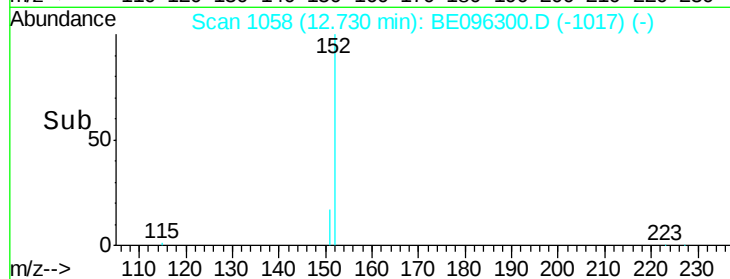
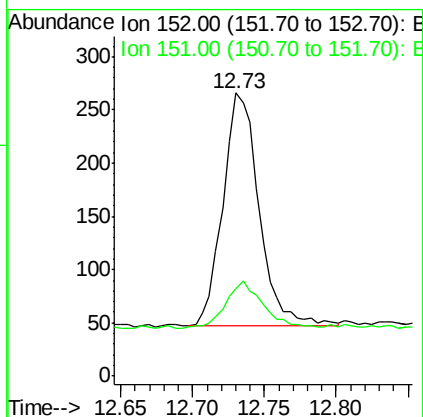
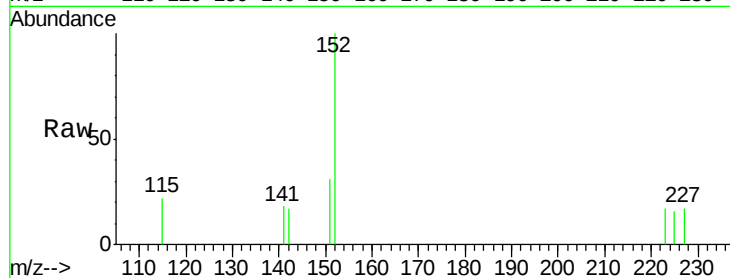




#11
2-Methylnaphthalene-d10
Concen: 0.069 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE096300.D
Acq: 2 May 2018 18:54

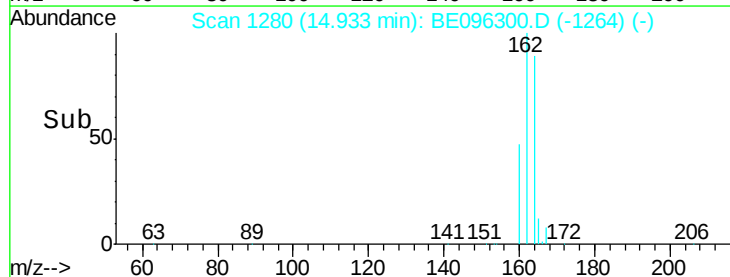
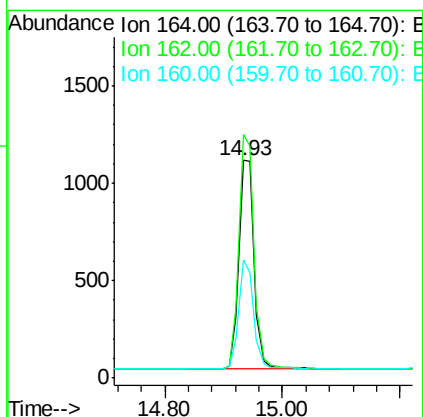
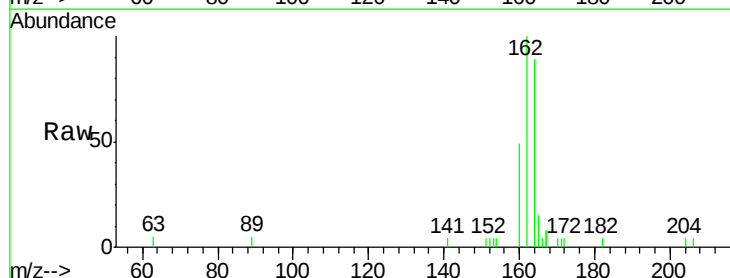
Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 383
Ion Ratio Lower Upper
152 100
151 20.9 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.93 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BE096300.D
Acq: 2 May 2018 18:54

Tgt Ion:164 Resp: 1949
Ion Ratio Lower Upper
164 100
162 111.9 83.1 124.7
160 54.4 37.1 55.7

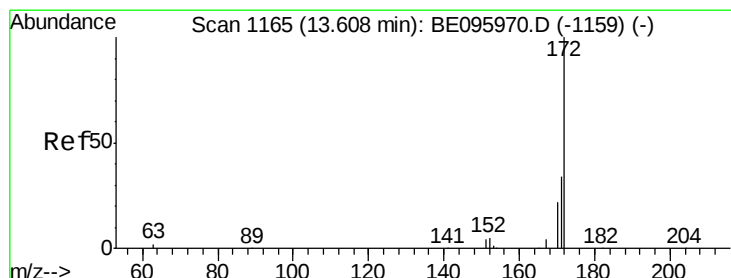
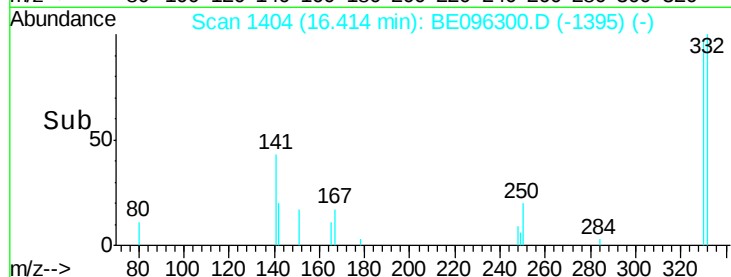
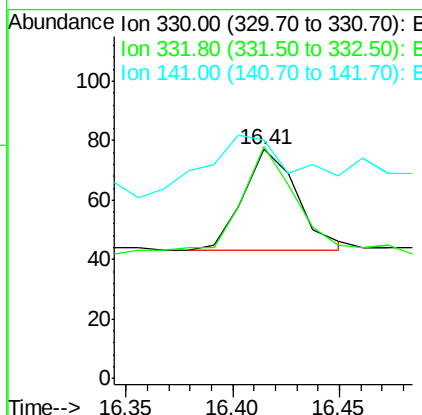
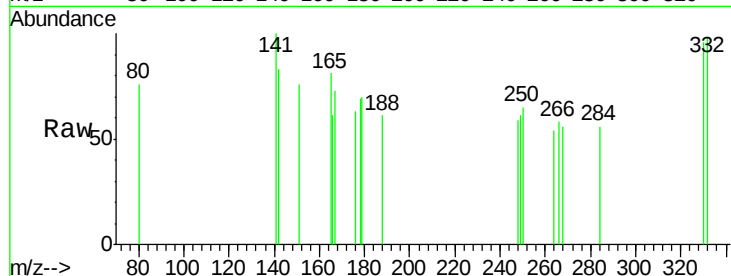




#14
2,4,6-Tribromophenol
Concen: 0.065 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096300.D
Acq: 2 May 2018 18:54

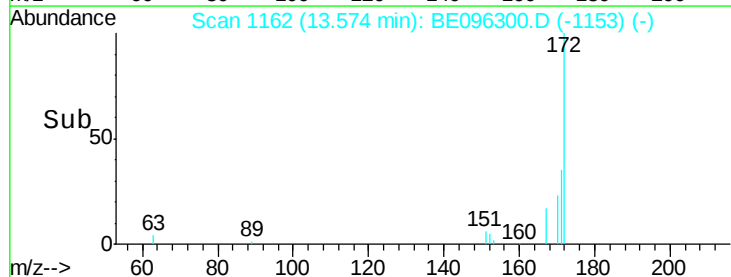
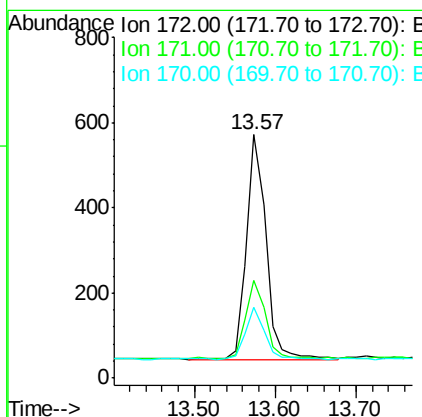
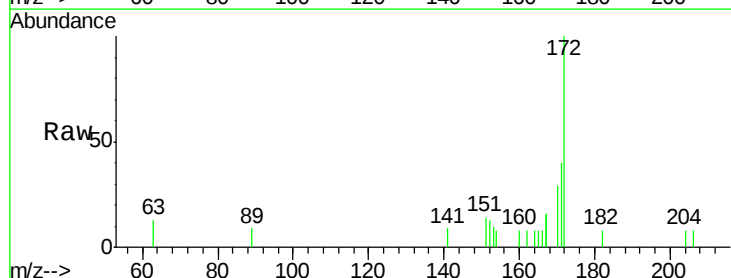
Instrument :
BNA_E
ClientSampleId :

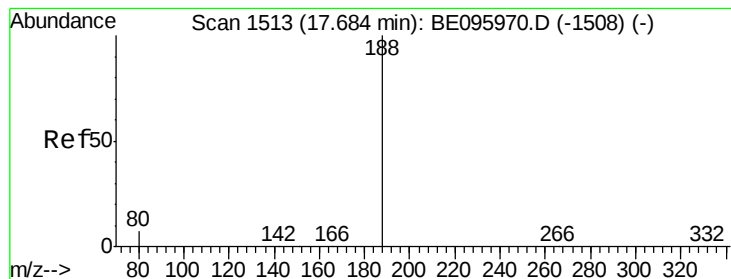
Tot Ion:330 Resp: 61
Ion Ratio Lower Upper
330 100
332 106.6 152.7 229.1#
141 101.6 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096300.D
Acq: 2 May 2018 18:54

Tgt Ion:172 Resp: 887
Ion Ratio Lower Upper
172 100
171 40.4 29.9 44.9
170 29.2 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: BE096300.D

Acq: 2 May 2018 18:54

Instrument :

BNA_E

ClientSampleId :

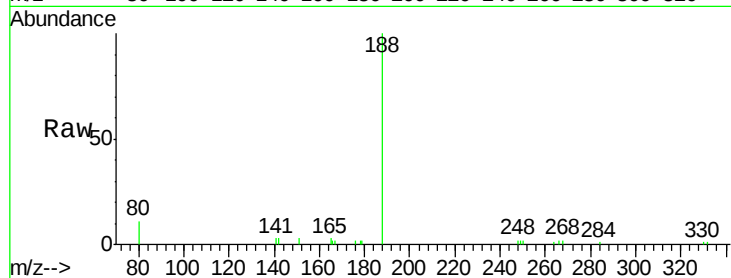
Tot Ion:188 Resp: 4555

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

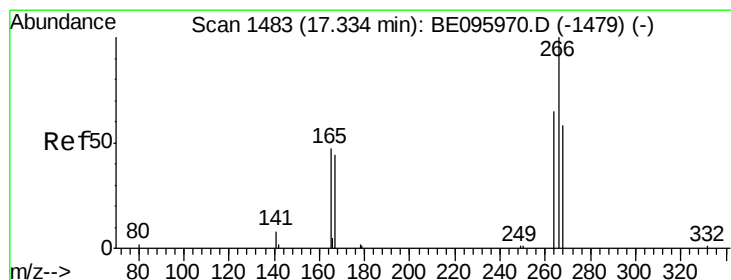
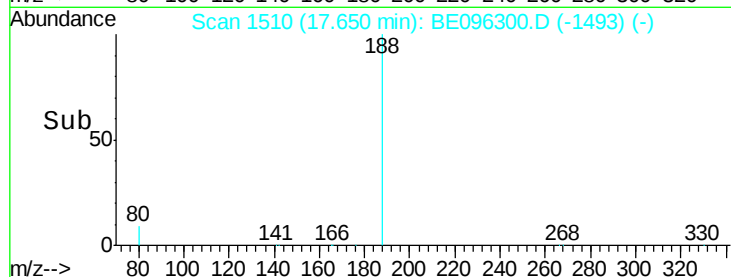
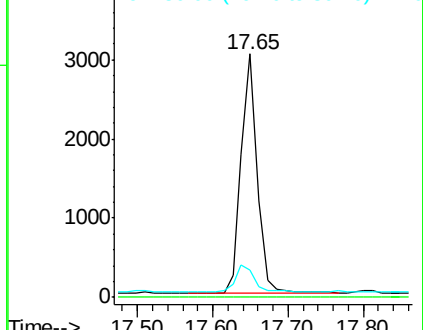
80 11.2 3.6 5.4#



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: 0.152 ng

RT: 17.32 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

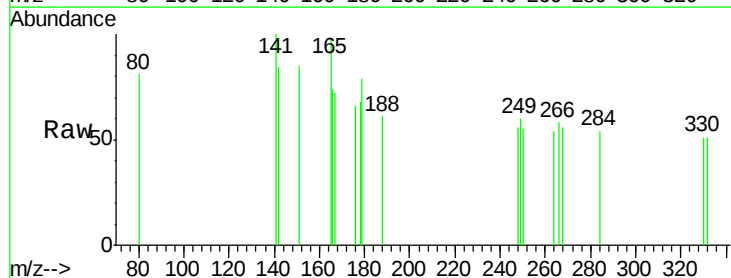
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

264 93.9 72.5 108.7

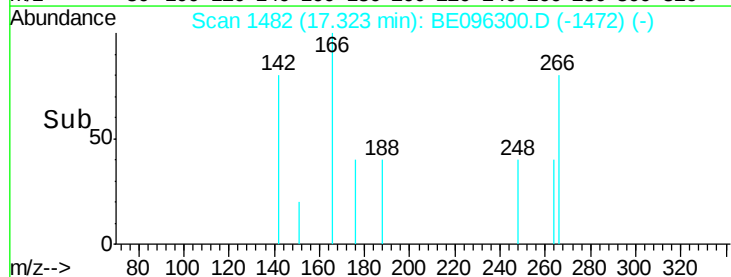
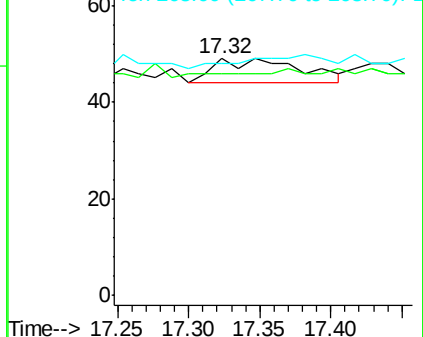
268 98.0 73.8 110.6

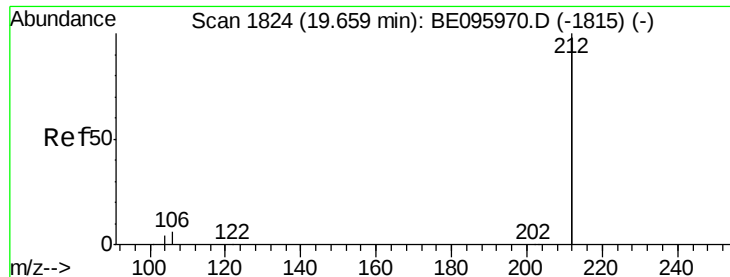


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.071 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

Instrument :

BNA_E

ClientSampleId :

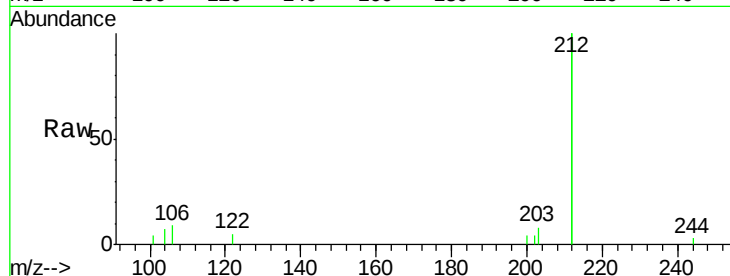
Tot Ion:212 Resp: 4365

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

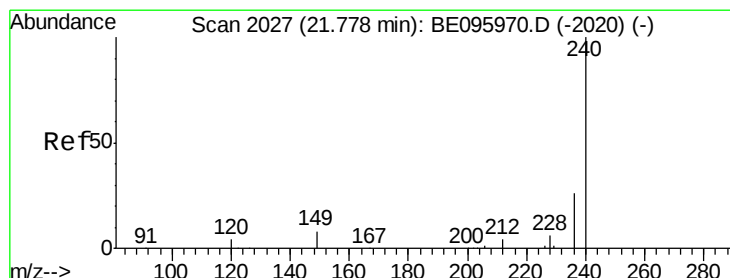
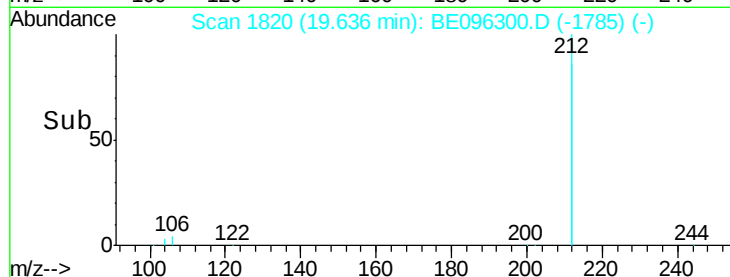
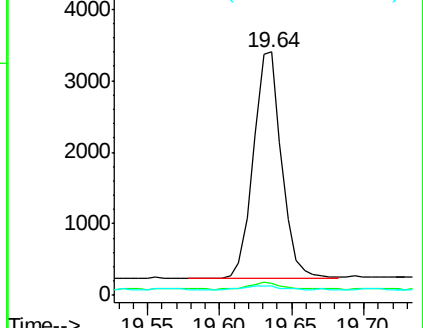
104 2.2 1.6 2.4



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: BE096300.D

Acq: 2 May 2018 18:54

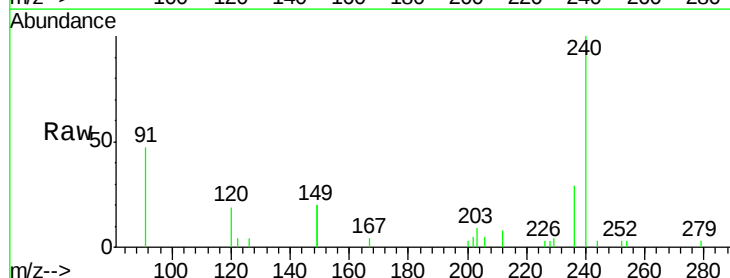
Tgt Ion:240 Resp: 4465

Ion Ratio Lower Upper

240 100

120 19.4 5.5 8.3#

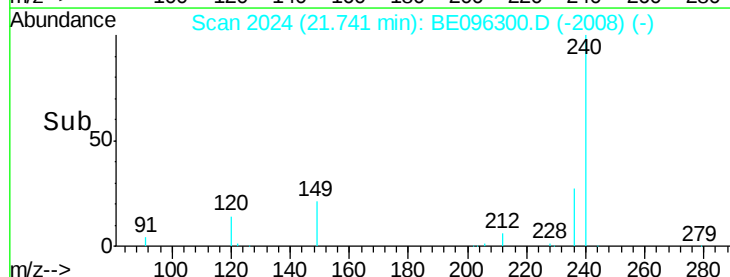
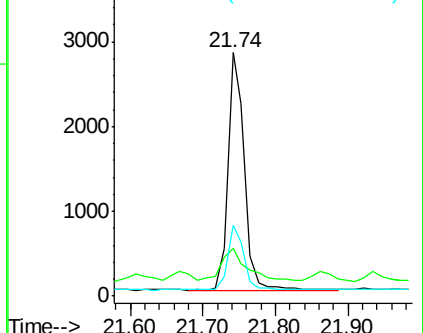
236 29.3 20.7 31.1

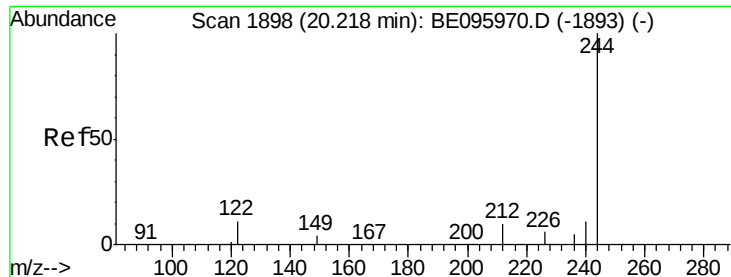


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.117 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

Instrument :

BNA_E

ClientSampleId :

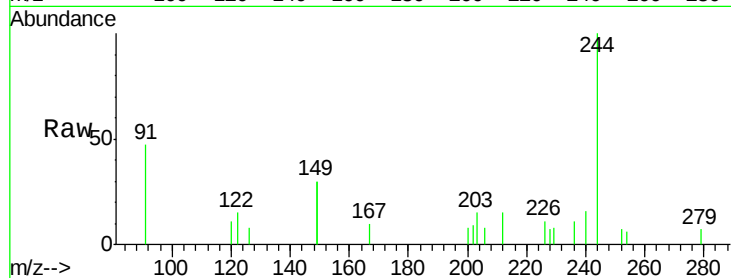
Tot Ion:244 Resp: 1150

Ion Ratio Lower Upper

244 100

212 14.7 25.4 38.0#

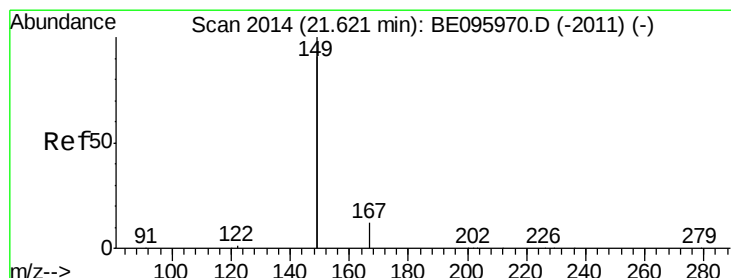
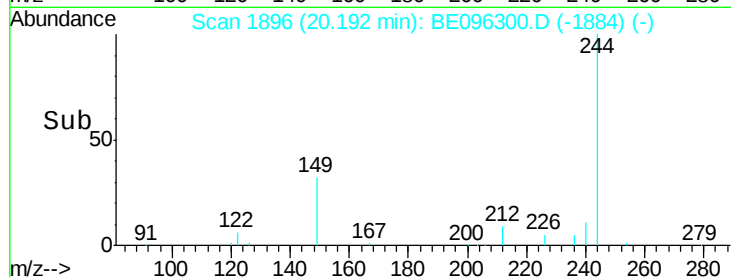
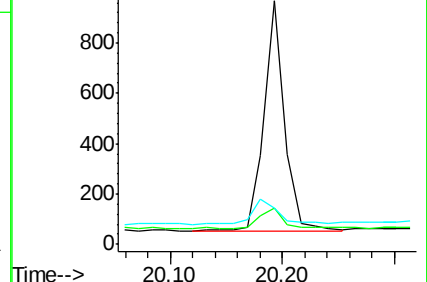
122 14.8 8.1 12.1#



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: 0.039 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

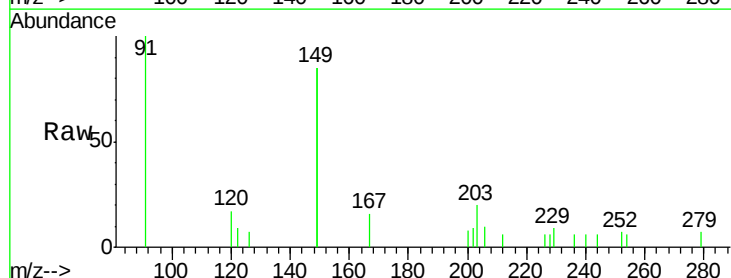
Tgt Ion:149 Resp: 1426

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

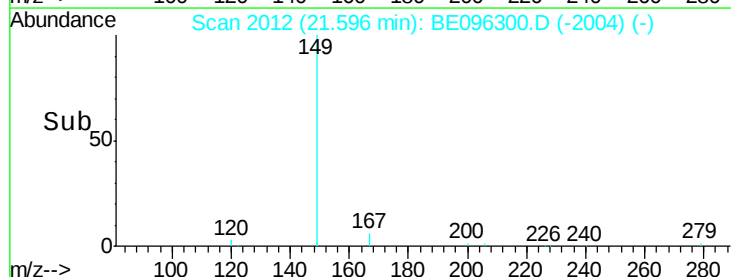
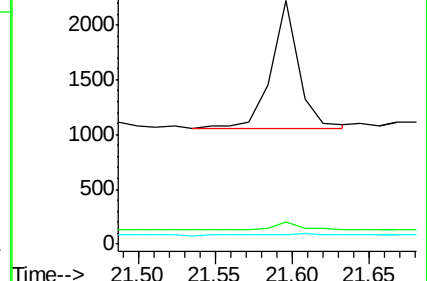
279 3.4 0.7 1.1#

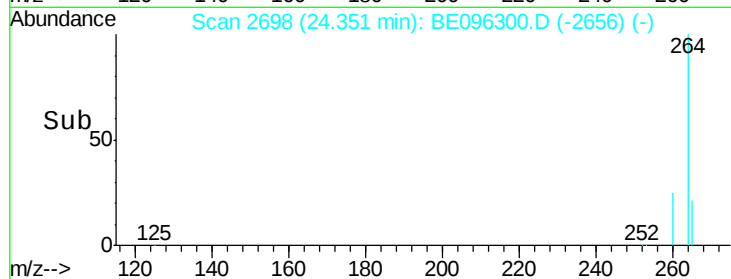
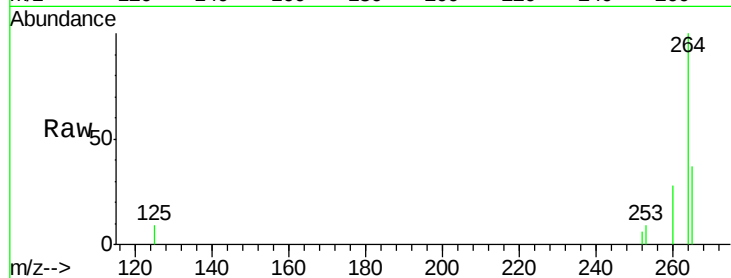


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE096300.D

Acq: 2 May 2018 18:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 4220

Ion Ratio Lower Upper

264 100

260 27.8 20.5 30.7

265 37.3 22.8 34.2#

