

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096270.D
 Acq On : 1 May 2018 22:56
 Operator : SJ/JU
 Sample : J2641-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 01:59:22 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

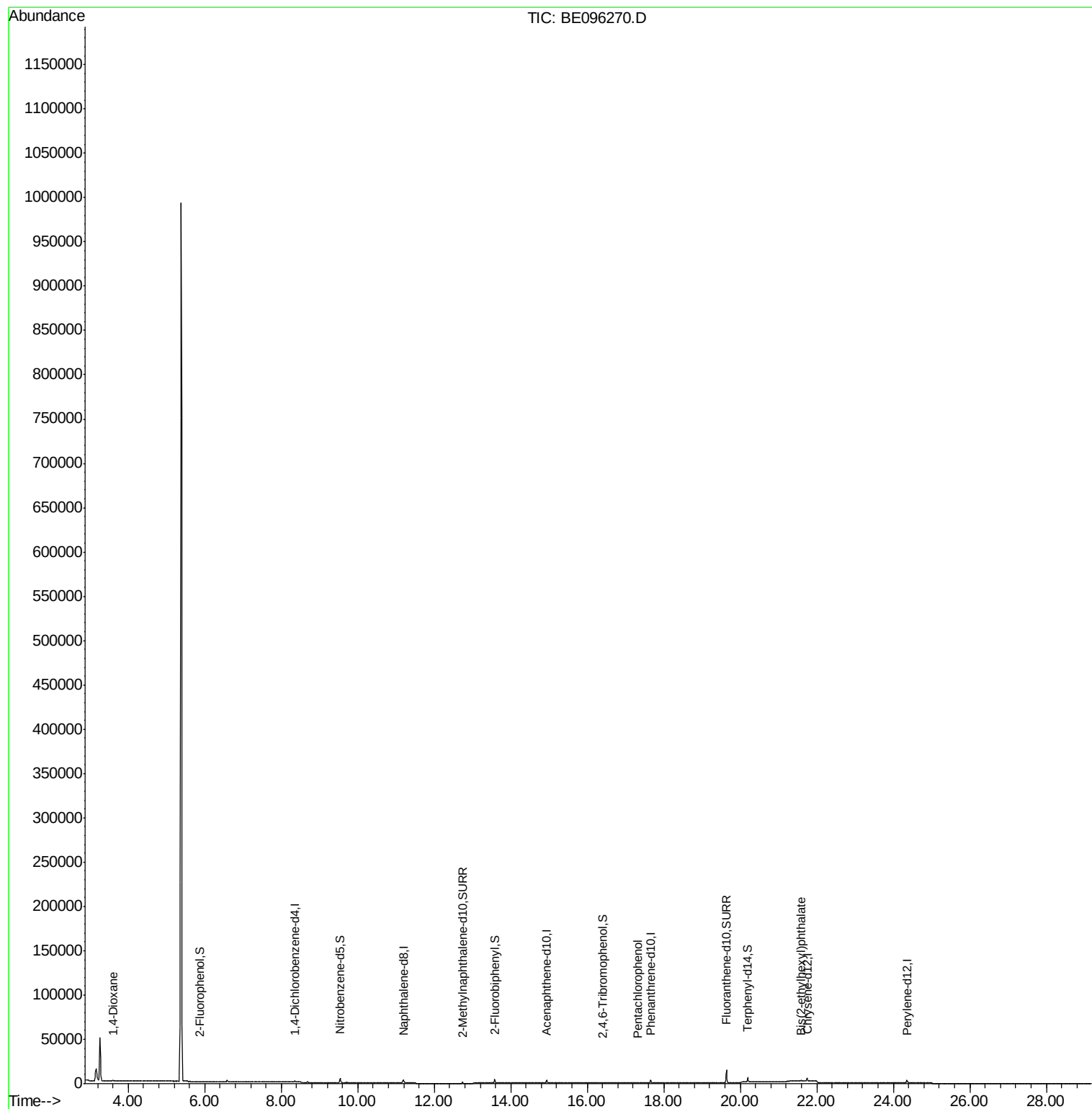
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	926	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3522	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1906	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4451	0.40	ng	0.00
27) Chrysene-d12	21.75	240	4507	0.40	ng	0.01
34) Perylene-d12	24.35	264	4505	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	66	0.02	ng	0.01
5) Phenol-d6	7.53	99	59	0.01	ng	0.02
8) Nitrobenzene-d5	9.54	82	1927	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1823	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	99	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	4110	0.50	ng	0.00
25) Fluoranthene-d10	19.64	212	19981	0.33	ng	0.00
29) Terphenyl-d14	20.19	244	5288	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.61	88	433	0.303	ng	92
22) Pentachlorophenol	17.32	266	3	0.138	ng	91
32) Bis(2-ethylhexyl)phthalate	21.59	149	1189	0.032	ng	# 96

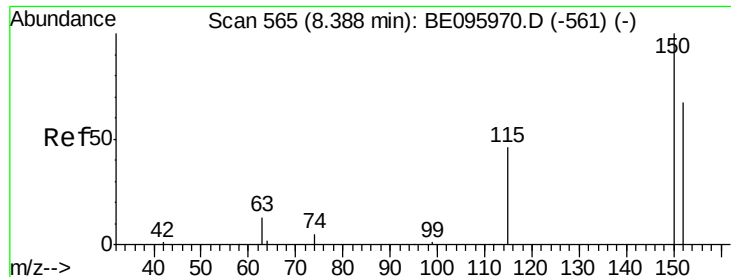
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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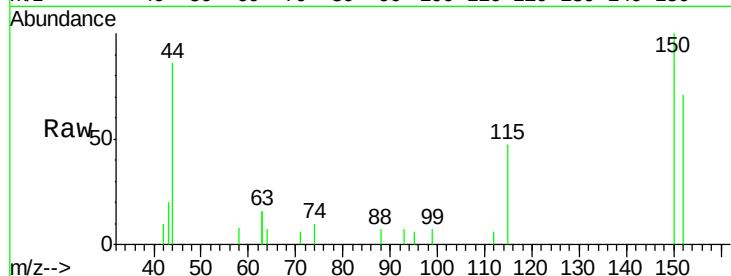


#1

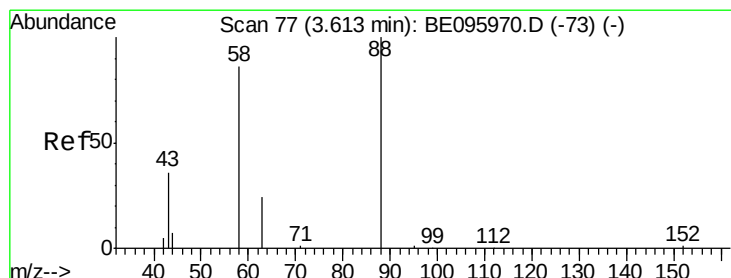
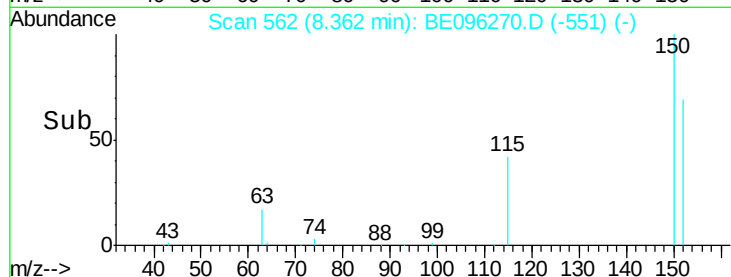
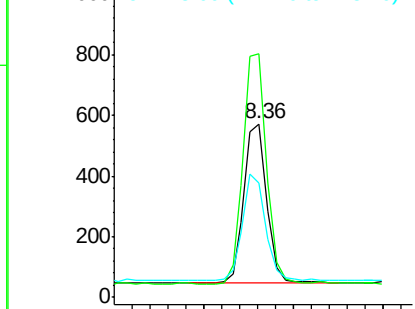
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096270.D
Acq: 1 May 2018 22:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 926
Ion Ratio Lower Upper
152 100
150 140.4 117.2 175.8
115 65.9 57.0 85.6



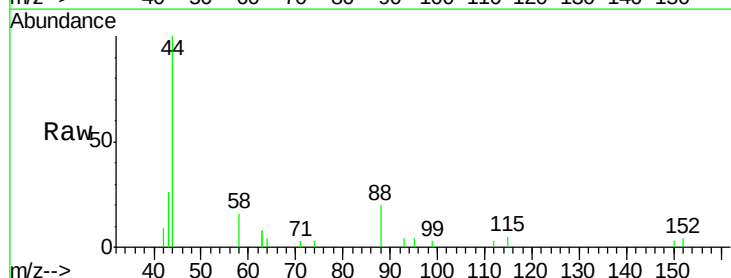
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



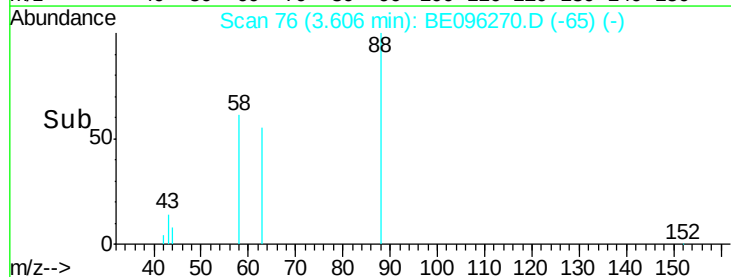
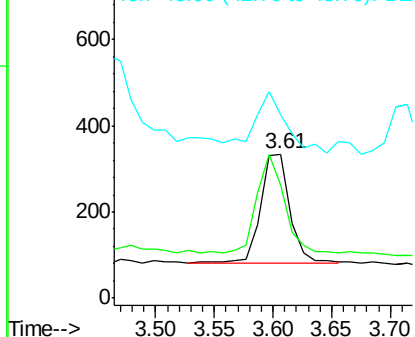
#2

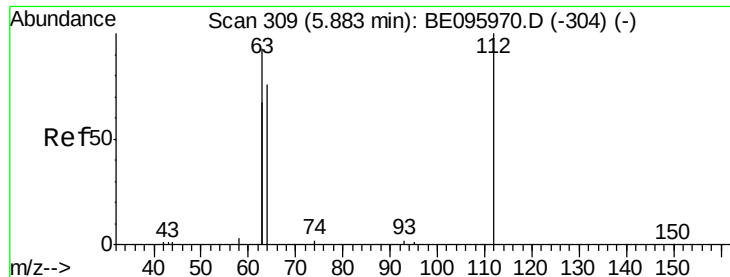
1,4-Dioxane
Concen: 0.303 ng
RT: 3.61 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096270.D
Acq: 1 May 2018 22:56

Tgt Ion: 88 Resp: 433
Ion Ratio Lower Upper
88 100
58 82.9 63.2 94.8
43 61.7 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: 0.023 ng

RT: 5.88 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096270.D

Acq: 1 May 2018 22:56

Instrument :

BNA_E

ClientSampleId :

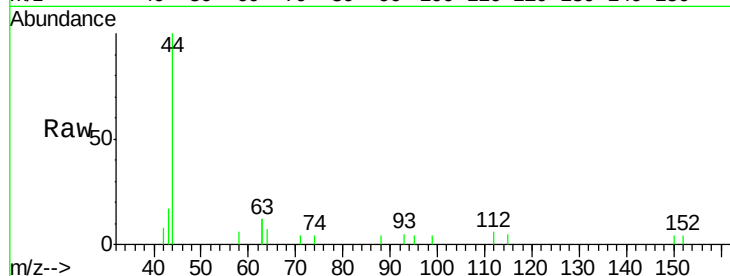
Tot Ion: 112 Resp: 66

Ion Ratio Lower Upper

112 100

64 97.0 60.1 90.1#

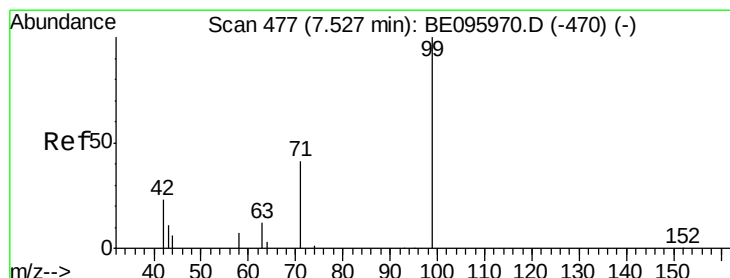
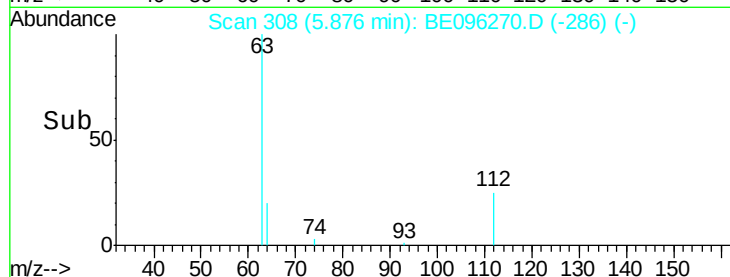
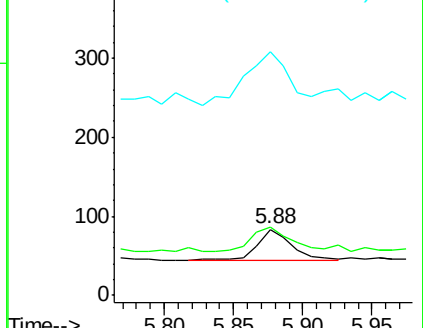
63 227.3 116.8 175.2#



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



#5

Phenol-d6

Concen: 0.015 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096270.D

Acq: 1 May 2018 22:56

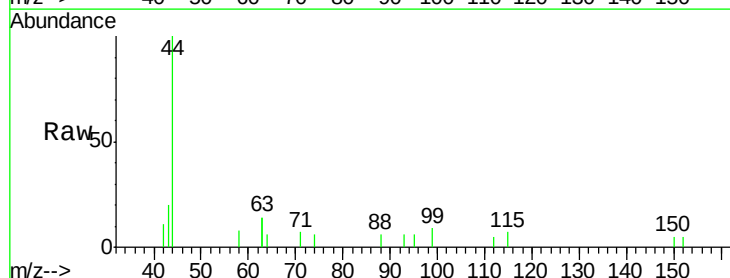
Tgt Ion: 99 Resp: 59

Ion Ratio Lower Upper

99 100

42 81.4 20.2 30.2#

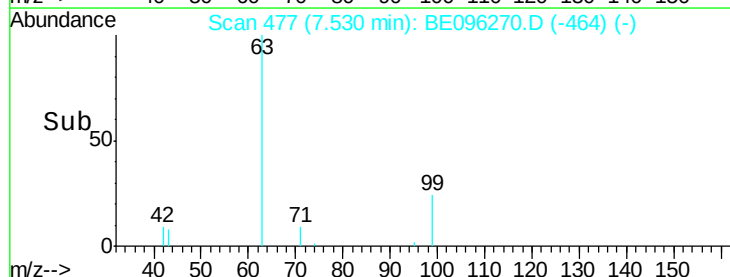
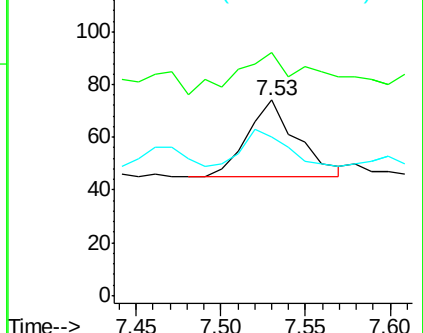
71 40.7 28.4 42.6

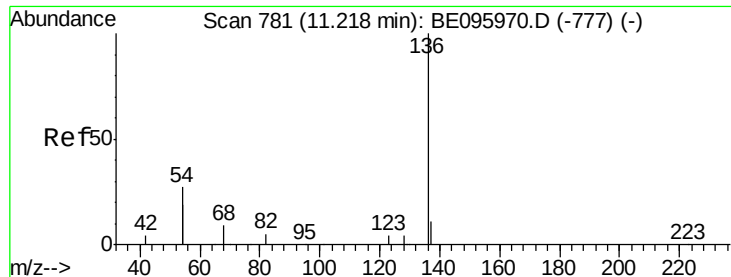


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE096270.D

Acq: 1 May 2018 22:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3522

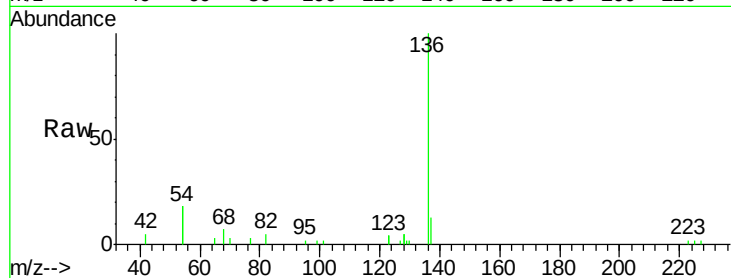
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 35.8 29.1 43.7

68 7.3 6.2 9.2

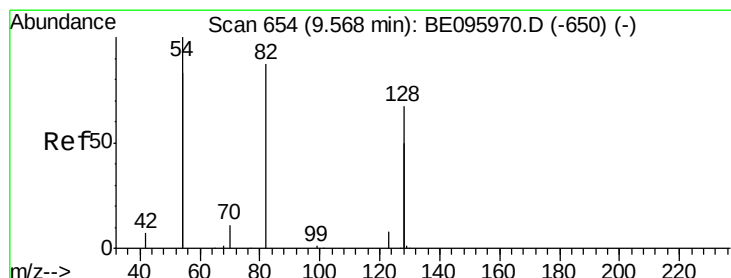
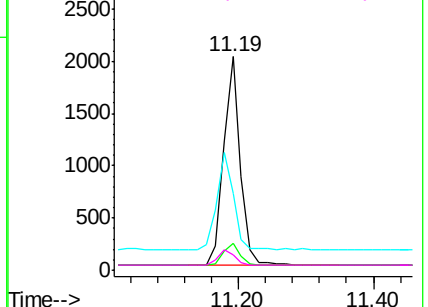
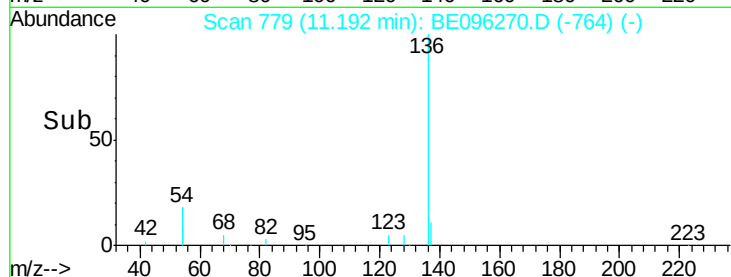


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.466 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096270.D

Acq: 1 May 2018 22:56

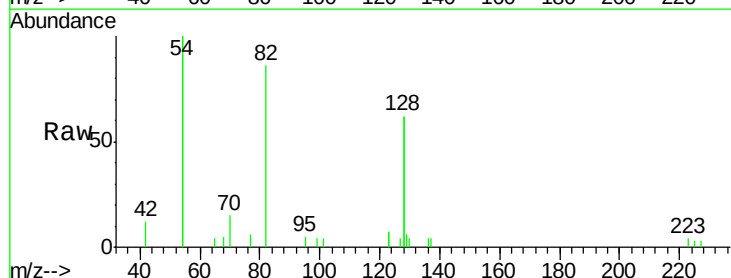
Tgt Ion: 82 Resp: 1927

Ion Ratio Lower Upper

82 100

128 142.6 150.0 225.0#

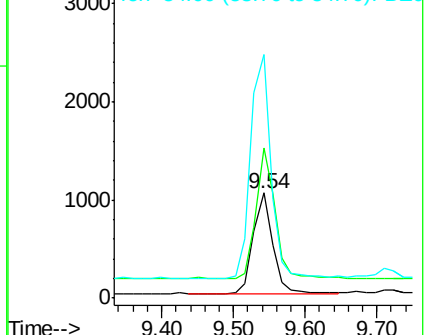
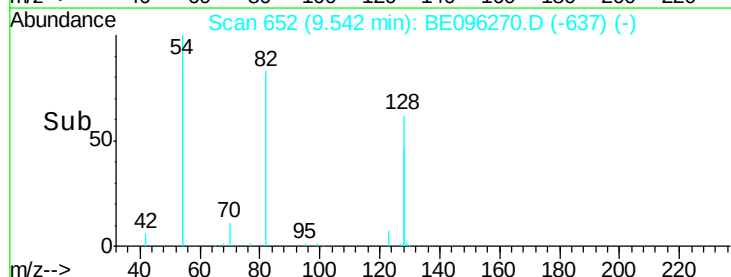
54 231.3 154.2 231.4

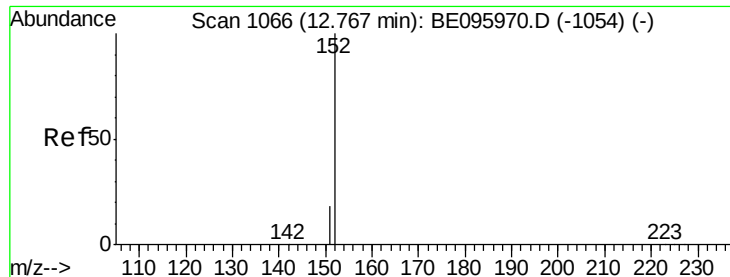


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

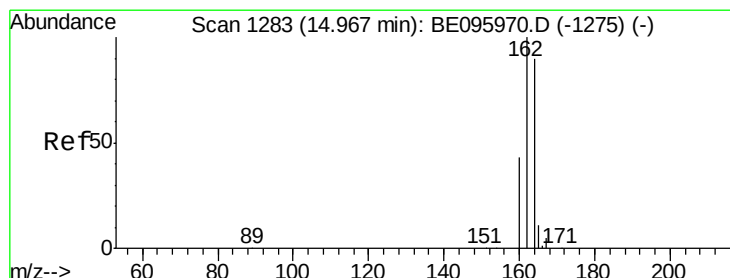
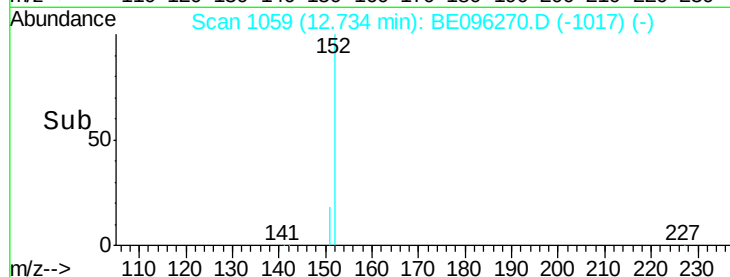
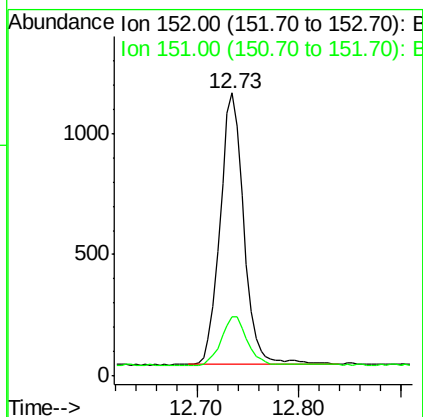
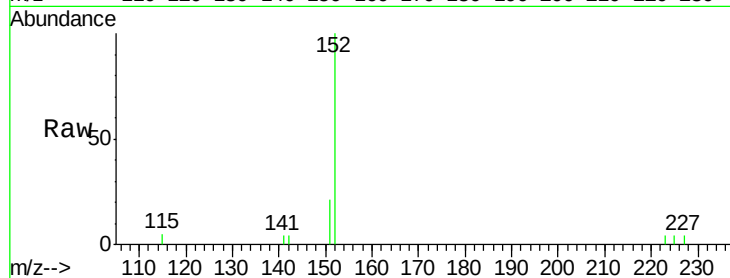




#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.73 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096270.D
Acq: 1 May 2018 22:56

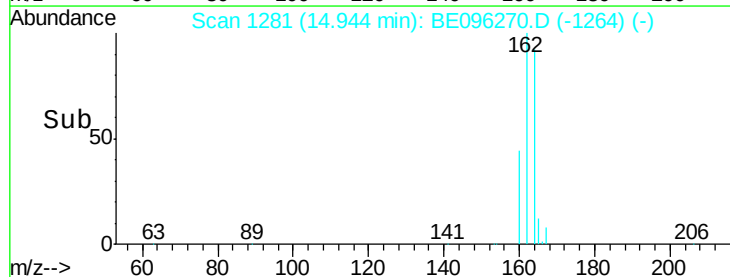
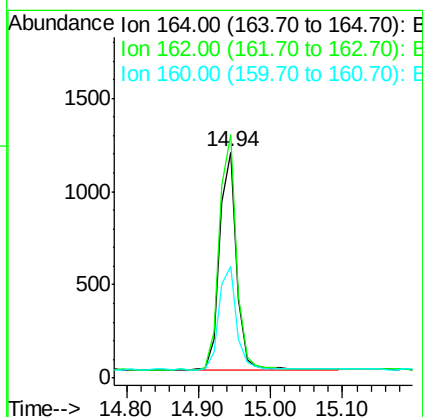
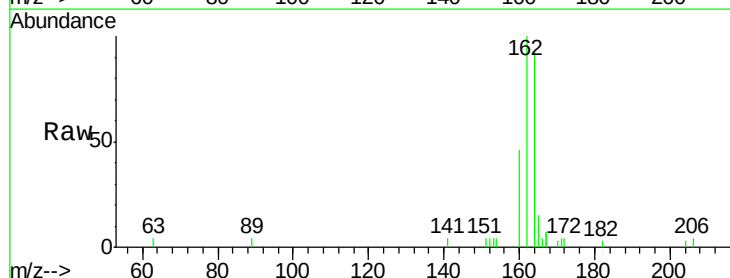
Instrument :
BNA_E
ClientSampled :

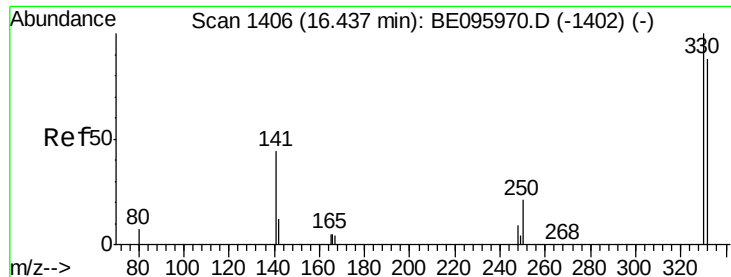
Tot Ion:152 Resp: 1823
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BE096270.D
Acq: 1 May 2018 22:56

Tgt Ion:164 Resp: 1906
Ion Ratio Lower Upper
164 100
162 107.9 83.1 124.7
160 49.3 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.108 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096270.D

Acq: 1 May 2018 22:56

Instrument :

BNA_E

ClientSampleId :

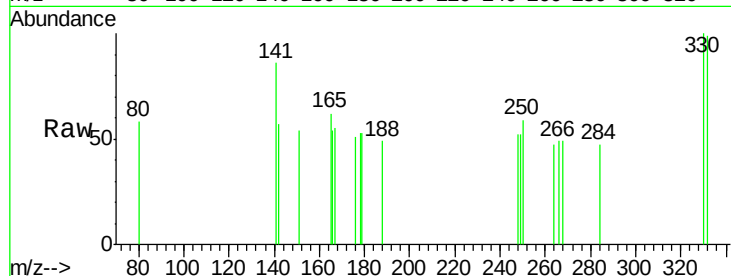
Tot Ion:330 Resp: 99

Ion Ratio Lower Upper

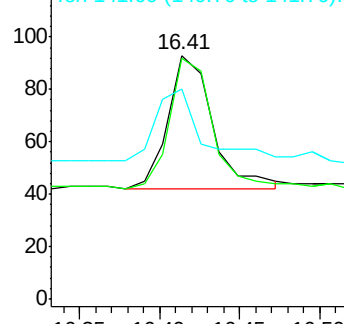
330 100

332 93.9 152.7 229.1#

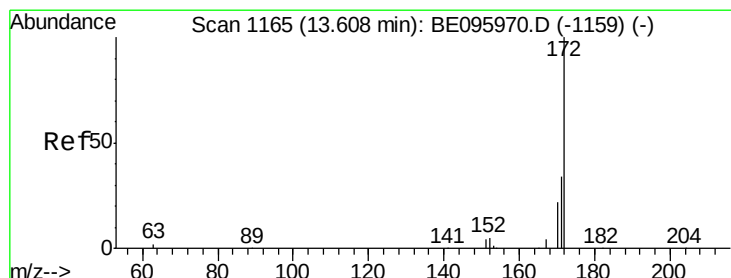
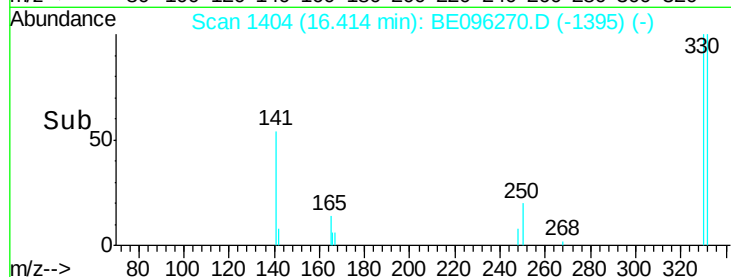
141 51.5 33.7 50.5#



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



Time-->



#15

2-Fluorobiphenyl

Concen: 0.504 ng

RT: 13.57 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE096270.D

Acq: 1 May 2018 22:56

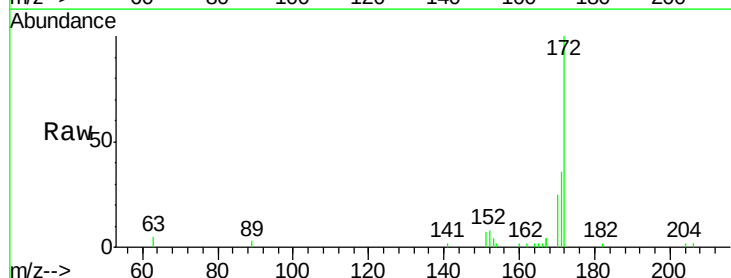
Tgt Ion:172 Resp: 4110

Ion Ratio Lower Upper

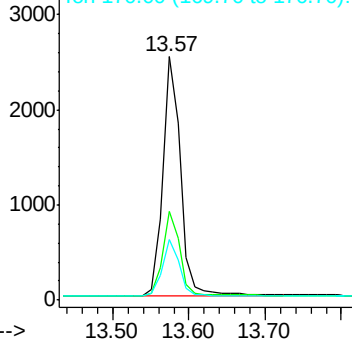
172 100

171 36.2 29.9 44.9

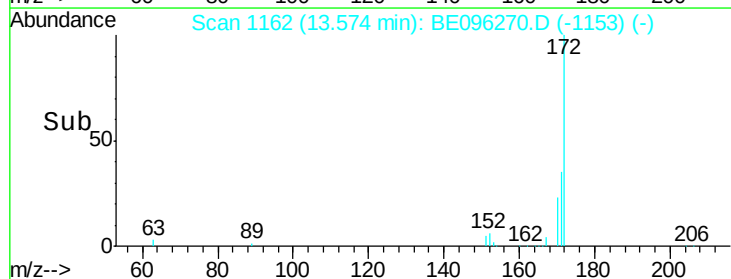
170 24.7 21.8 32.8

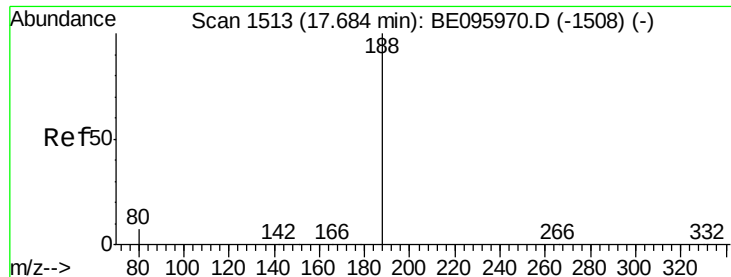


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096270.D

Acq: 1 May 2018 22:56

Instrument :

BNA_E

ClientSampleId :

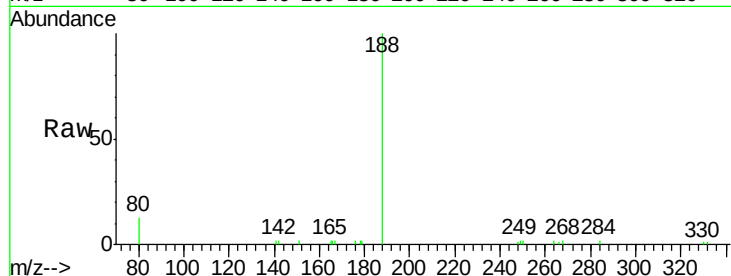
Tot Ion:188 Resp: 4451

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

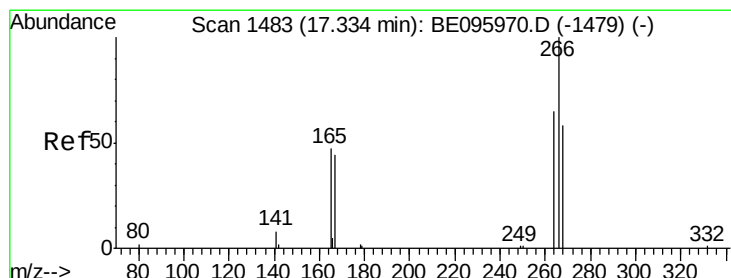
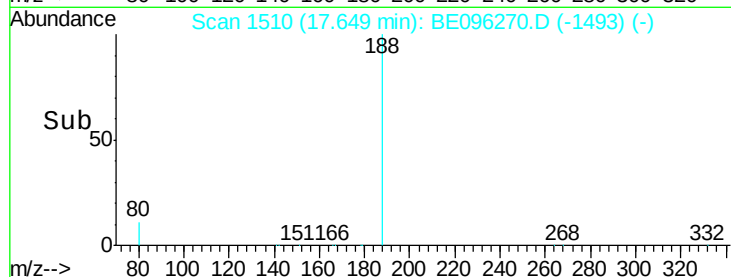
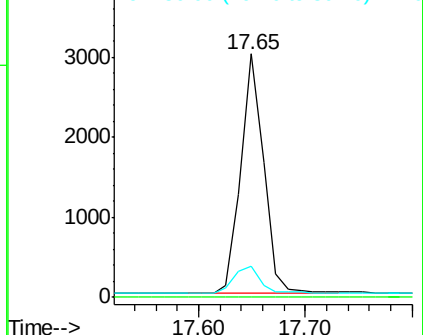
80 13.0 3.6 5.4#



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: 0.138 ng

RT: 17.32 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BE096270.D

Acq: 1 May 2018 22:56

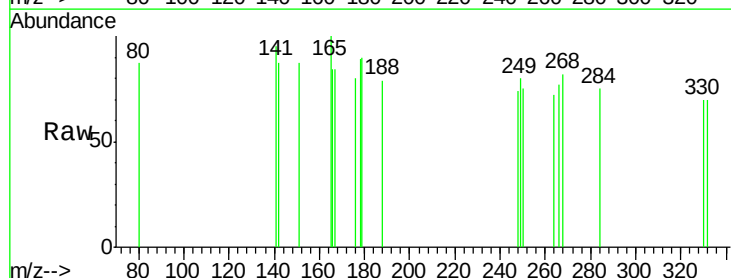
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 93.6 72.5 108.7

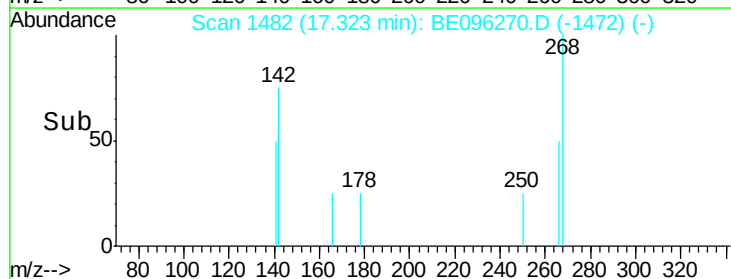
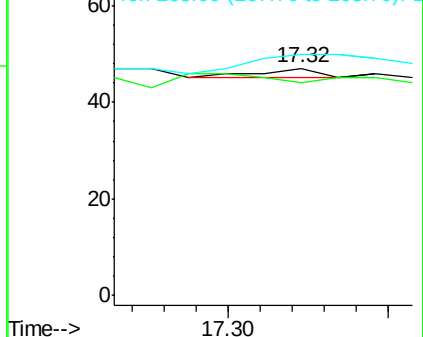
268 106.4 73.8 110.6

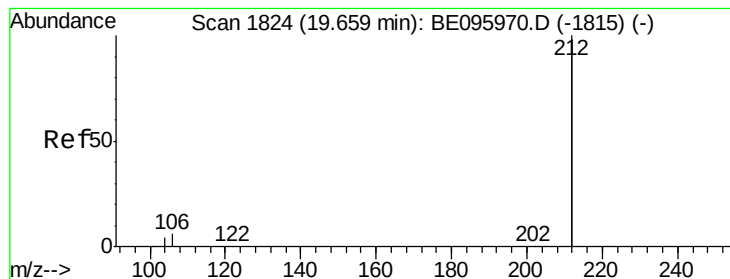


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096270.D

Acq: 1 May 2018 22:56

Instrument :

BNA_E

ClientSampleId :

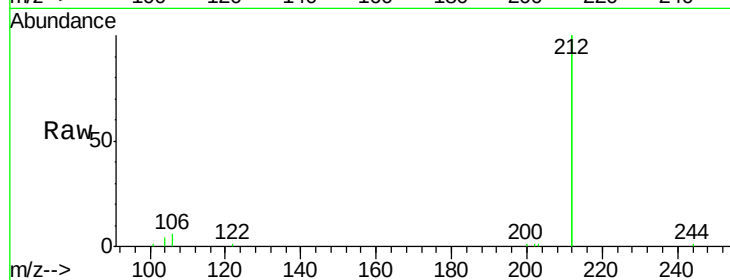
Tot Ion:212 Resp: 19981

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

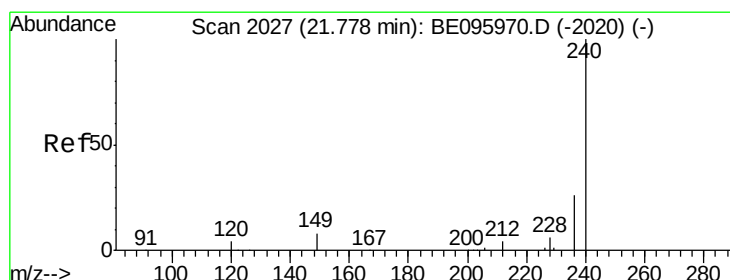
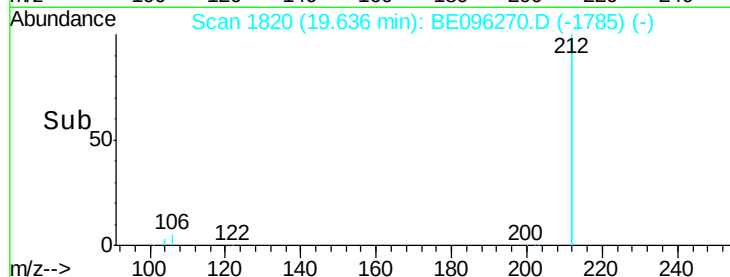
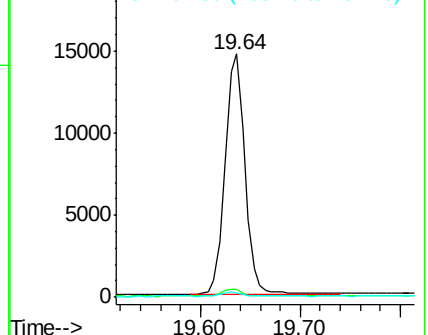
104 1.8 1.6 2.4



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: BE096270.D

Acq: 1 May 2018 22:56

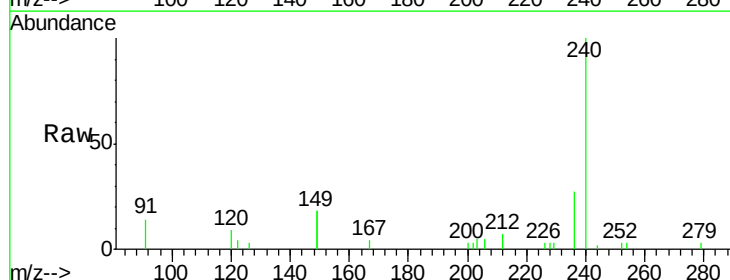
Tgt Ion:240 Resp: 4507

Ion Ratio Lower Upper

240 100

120 8.8 5.5 8.3#

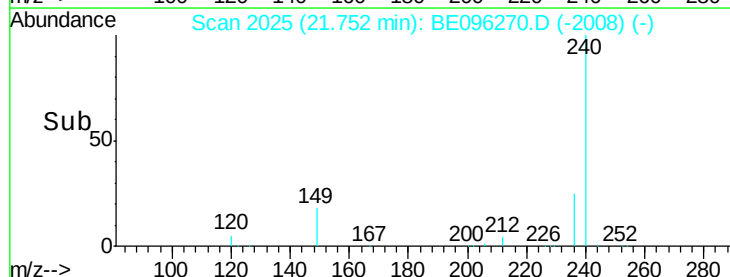
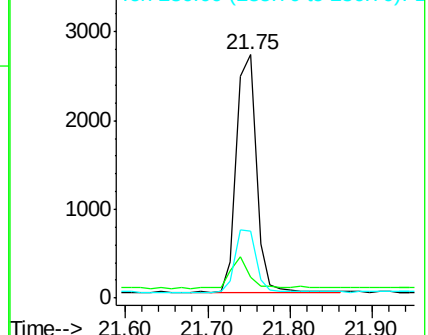
236 27.3 20.7 31.1

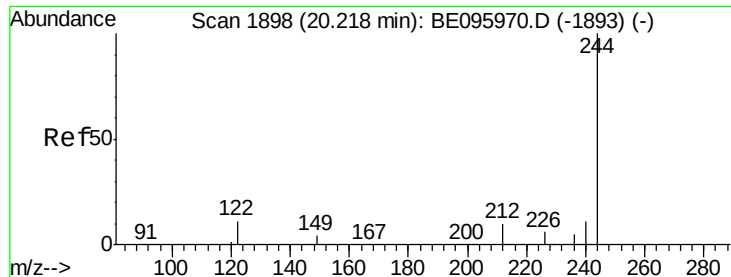


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.531 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096270.D

Acq: 1 May 2018 22:56

Instrument :

BNA_E

ClientSampleId :

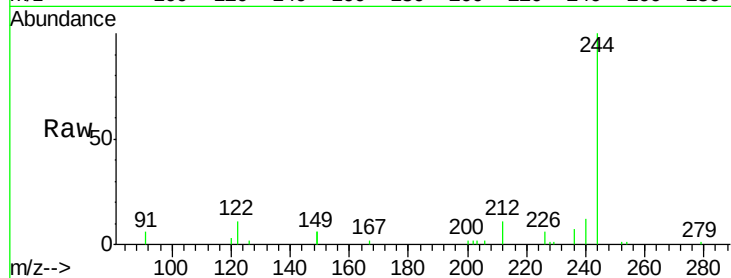
Tot Ion:244 Resp: 5288

Ion Ratio Lower Upper

244 100

212 11.4 25.4 38.0#

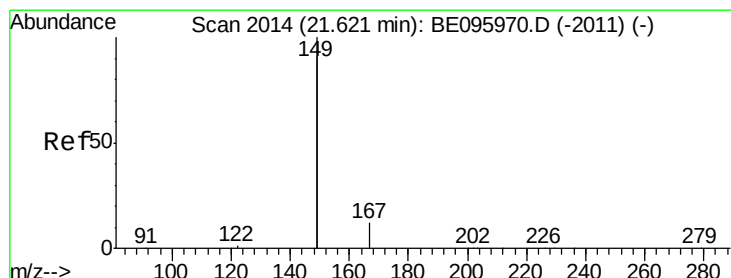
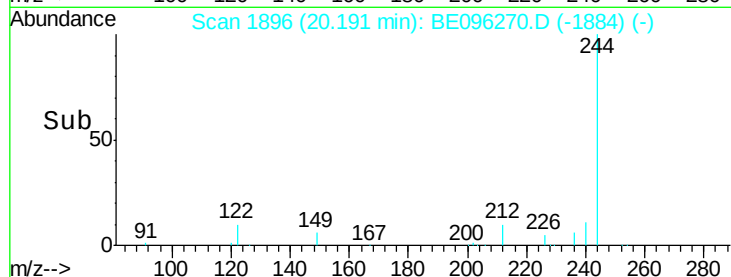
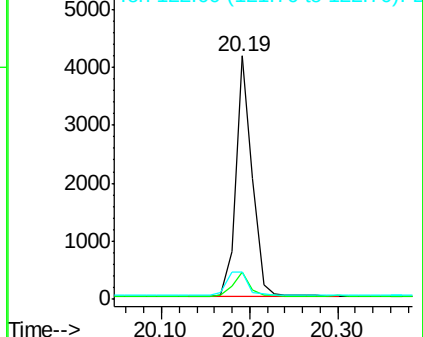
122 11.4 8.1 12.1



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: 0.032 ng

RT: 21.59 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096270.D

Acq: 1 May 2018 22:56

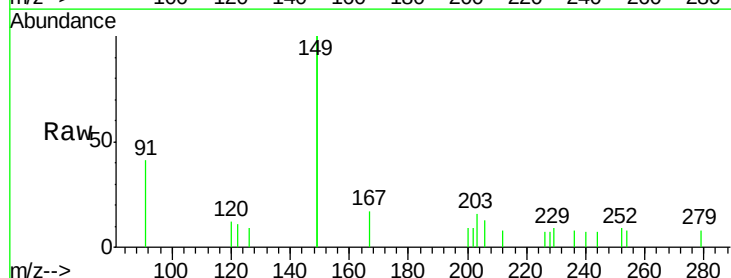
Tgt Ion:149 Resp: 1189

Ion Ratio Lower Upper

149 100

167 8.1 5.4 8.0#

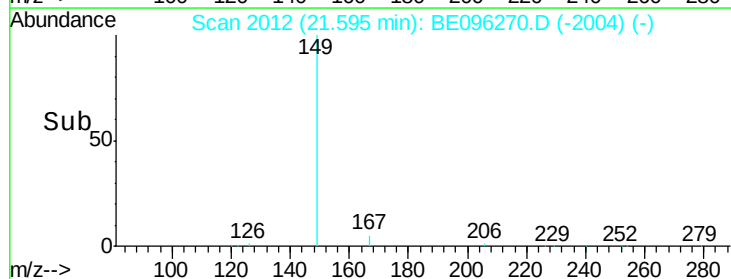
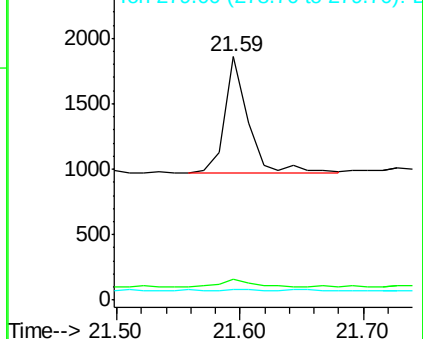
279 2.1 0.7 1.1#

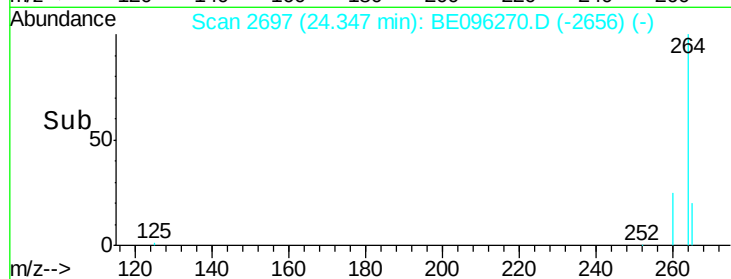
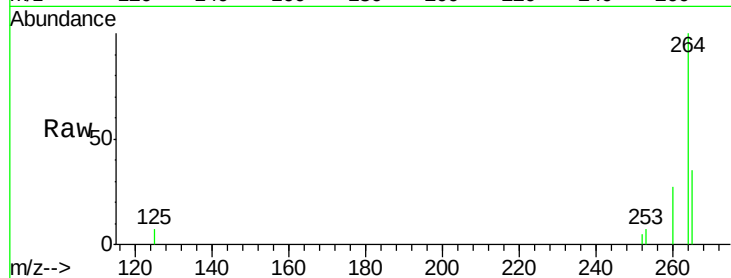
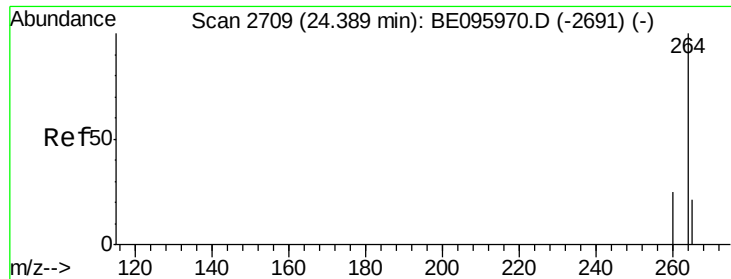


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2697

Delta R.T. -0.00 min

Lab File: BE096270.D

Acq: 1 May 2018 22:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 4505

Ion Ratio Lower Upper

264 100

260 27.3 20.5 30.7

265 34.7 22.8 34.2

