

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096307.D
 Acq On : 2 May 2018 23:11
 Operator : SJ/JU
 Sample : J2662-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 03 01:55:13 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

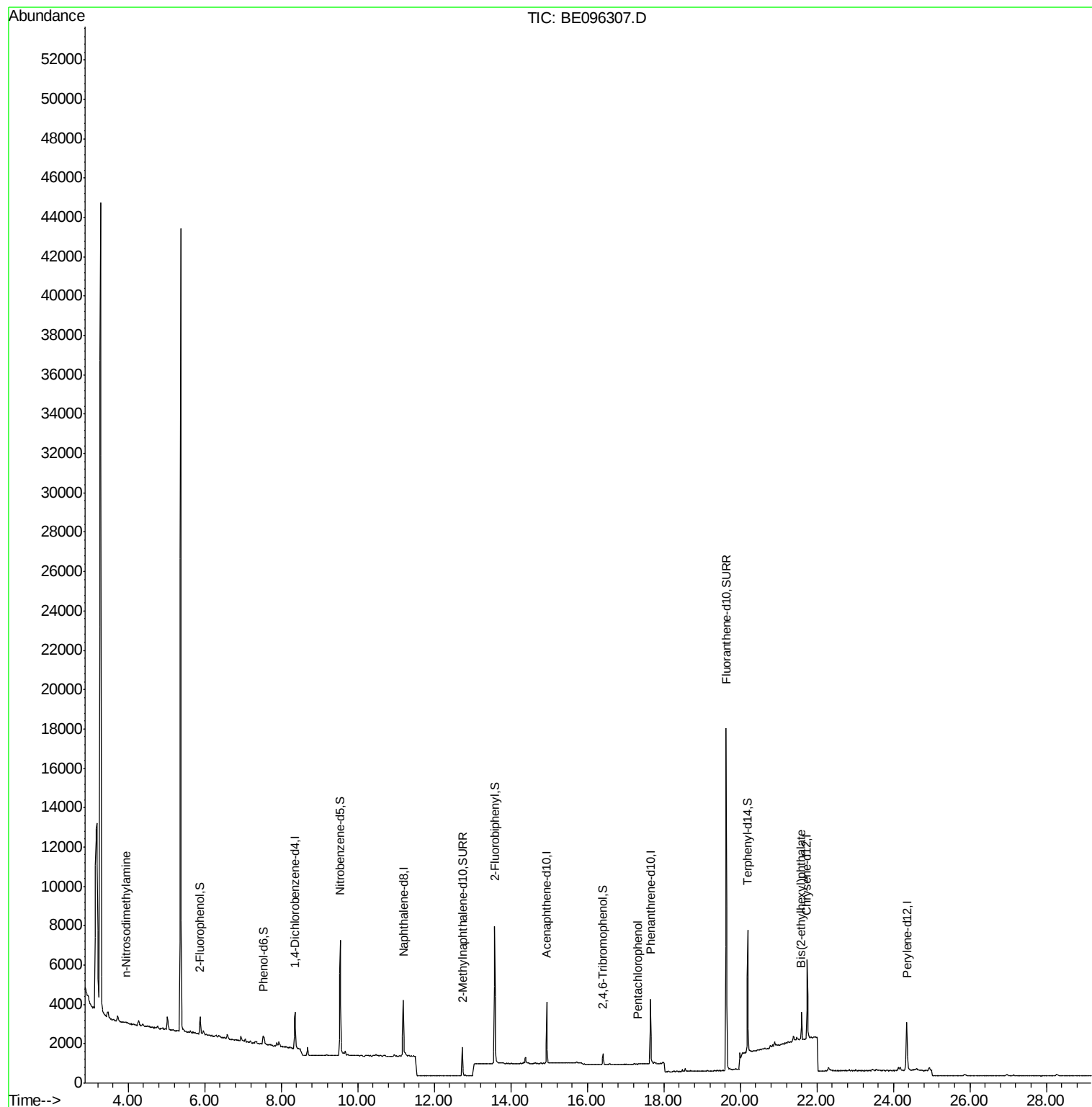
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	959	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3649	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1903	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	4422	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4226	0.40	ng	0.00
34) Perylene-d12	24.34	264	4036	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	463	0.16	ng	0.01
5) Phenol-d6	7.52	99	385	0.09	ng	0.01
8) Nitrobenzene-d5	9.54	82	2386	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2148	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	313	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	6412	0.79	ng	0.00
25) Fluoranthene-d10	19.63	212	22442	0.37	ng	0.00
29) Terphenyl-d14	20.19	244	5929	0.64	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.93	42	43	0.024	ng	# 19
22) Pentachlorophenol	17.32	266	5	0.140	ng	95
32) Bis(2-ethylhexyl)phthalate	21.60	149	1617	0.046	ng	# 94

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

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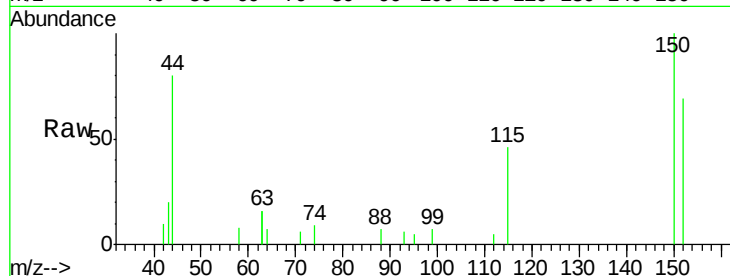


#1

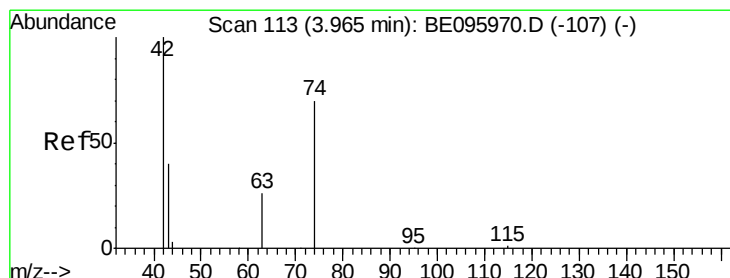
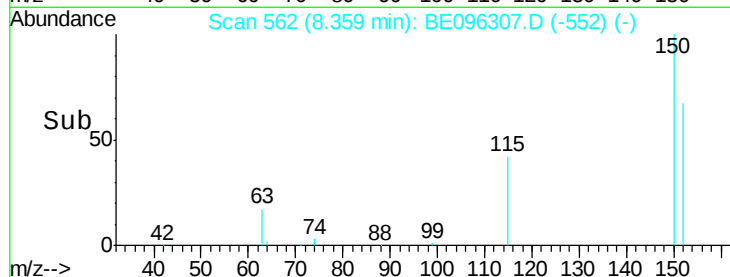
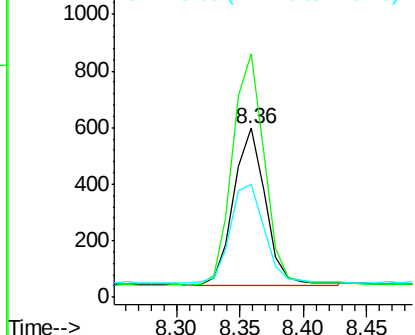
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096307.D
Acq: 2 May 2018 23:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 959
Ion Ratio Lower Upper
152 100
150 144.2 117.2 175.8
115 67.0 57.0 85.6



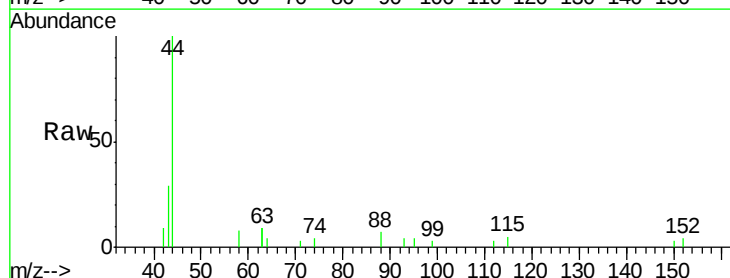
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



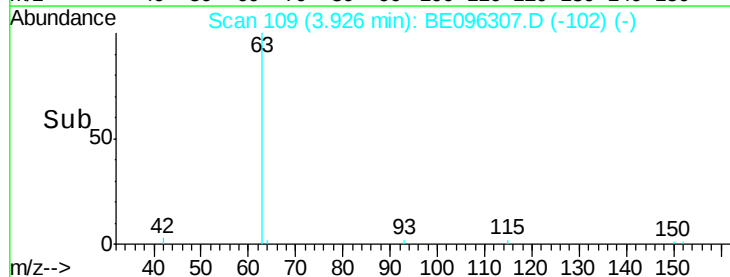
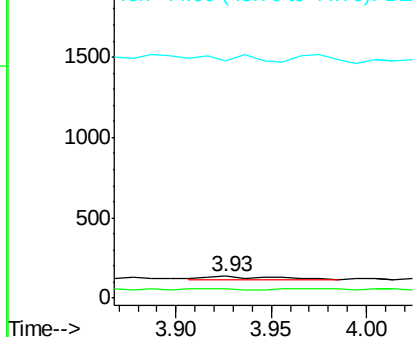
#3

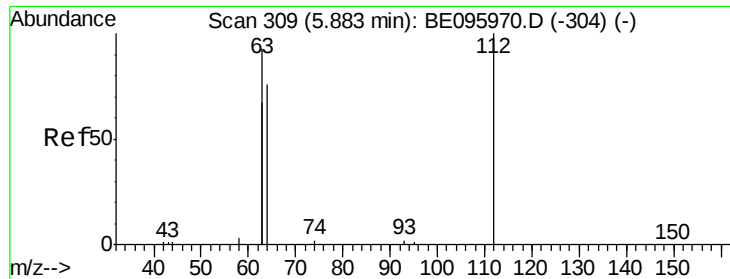
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.93 min Scan# 109
Delta R.T. -0.03 min
Lab File: BE096307.D
Acq: 2 May 2018 23:11

Tgt Ion: 42 Resp: 43
Ion Ratio Lower Upper
42 100
74 23.3 96.0 144.0#
44 0.0 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

Instrument :

BNA_E

ClientSampled :

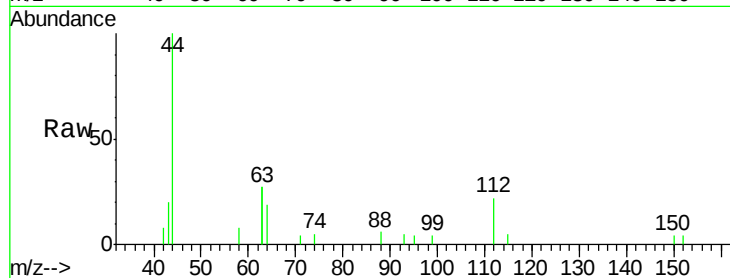
Tot Ion:112 Resp: 463

Ion Ratio Lower Upper

112 100

64 78.0 60.1 90.1

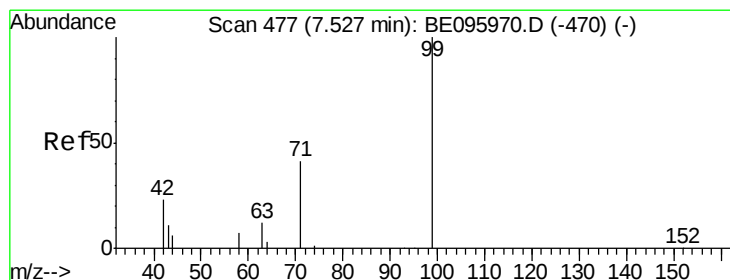
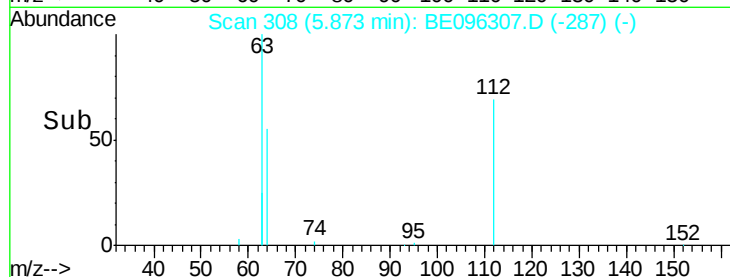
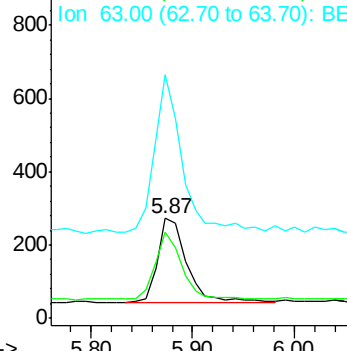
63 177.1 116.8 175.2#



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: 0.094 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

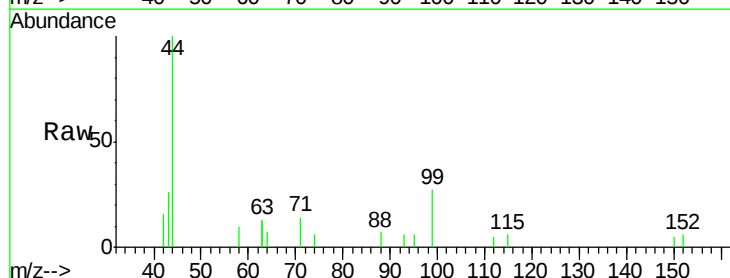
Tgt Ion: 99 Resp: 385

Ion Ratio Lower Upper

99 100

42 32.2 20.2 30.2#

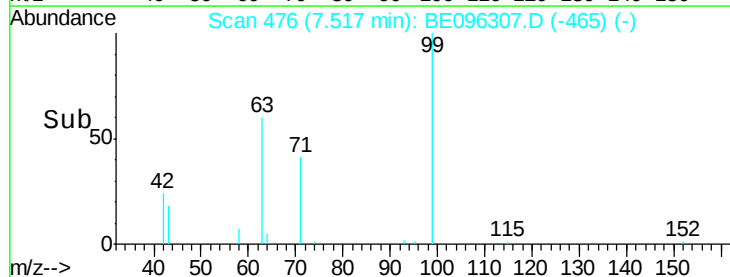
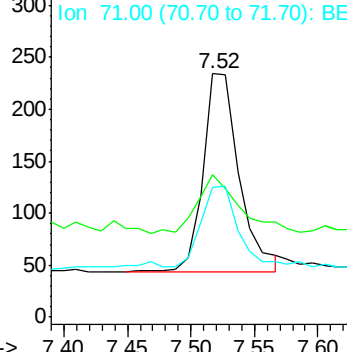
71 40.0 28.4 42.6



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: BE096307.D

Acq: 2 May 2018 23:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3649

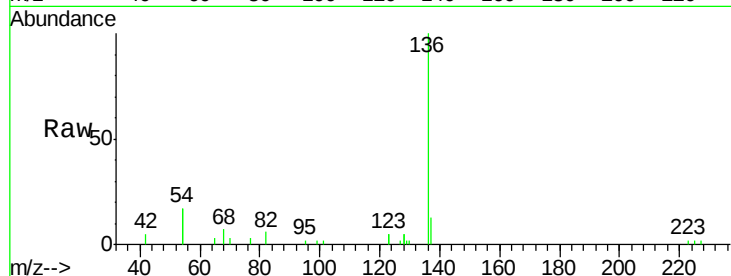
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 33.3 29.1 43.7

68 6.9 6.2 9.2

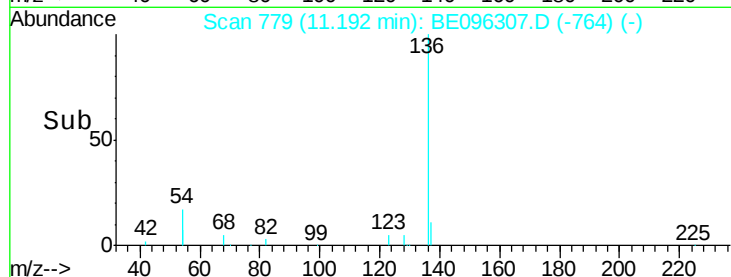


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

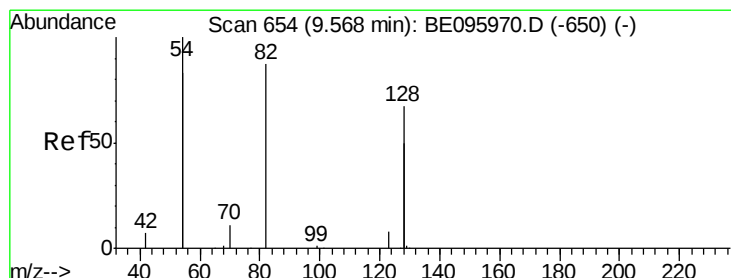
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Abundance

Time--> 11.00 11.20



#8

Nitrobenzene-d5

Concen: 0.557 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

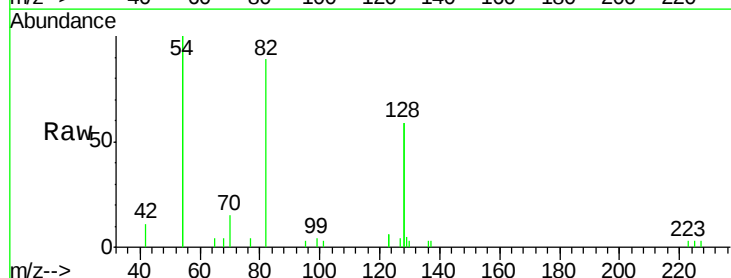
Tgt Ion: 82 Resp: 2386

Ion Ratio Lower Upper

82 100

128 133.2 150.0 225.0#

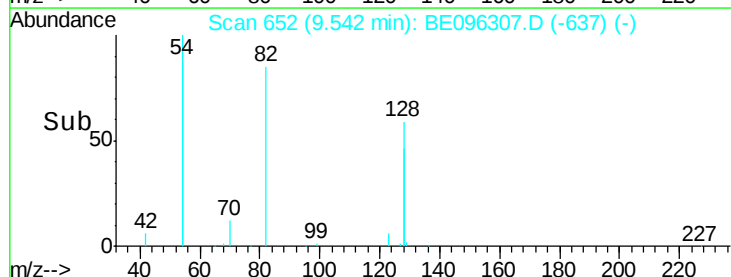
54 225.5 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

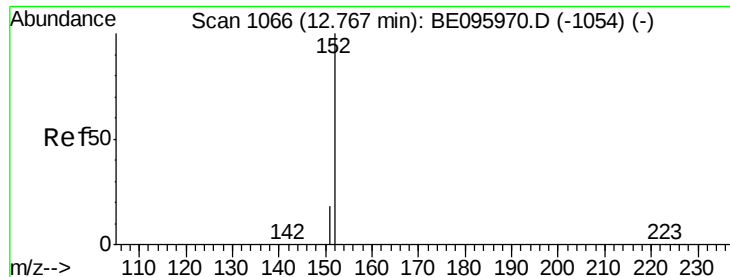
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Abundance

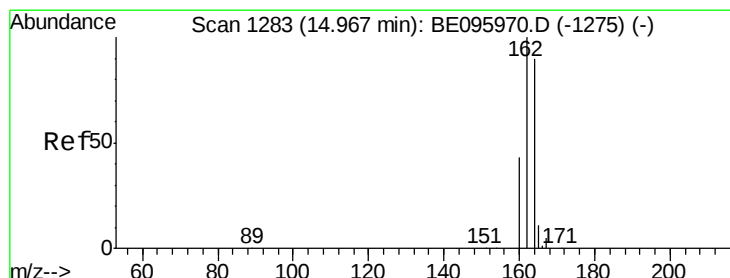
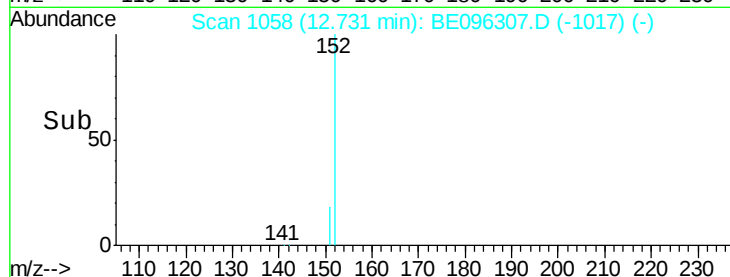
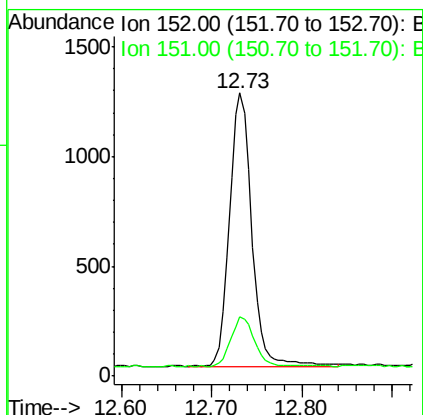
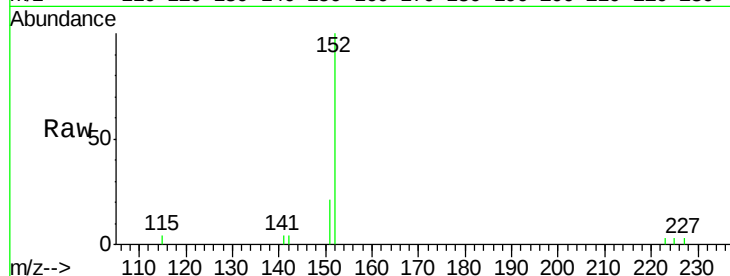
Time--> 9.40 9.50 9.60 9.70



#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE096307.D
Acq: 2 May 2018 23:11

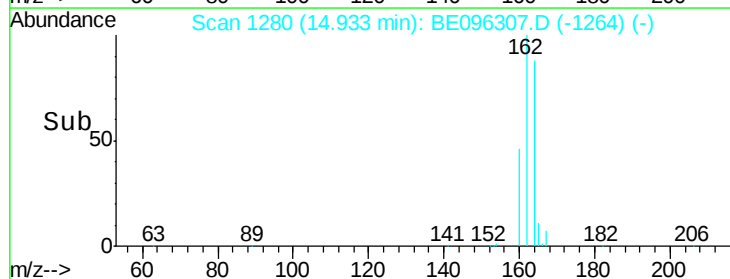
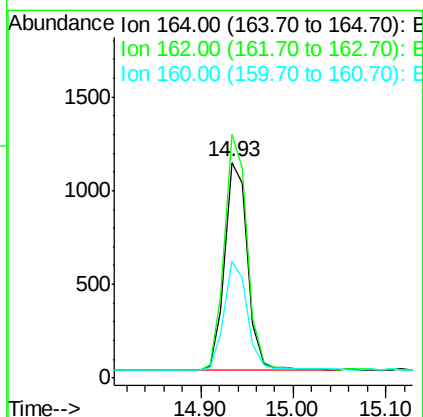
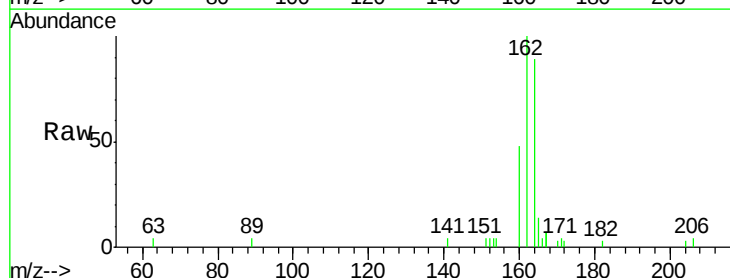
Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2148
Ion Ratio Lower Upper
152 100
151 18.8 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: BE096307.D
Acq: 2 May 2018 23:11

Tgt Ion:164 Resp: 1903
Ion Ratio Lower Upper
164 100
162 112.8 83.1 124.7
160 54.1 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.341 ng

RT: 16.41 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

Instrument :

BNA_E

ClientSampleId :

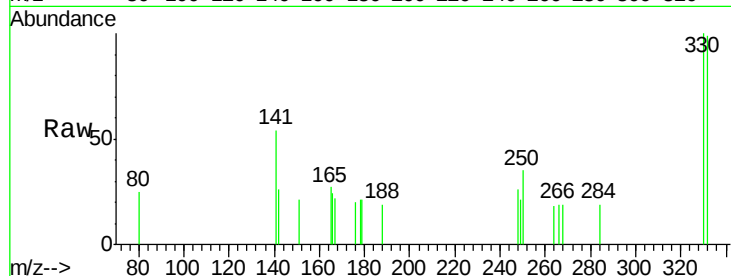
Tot Ion:330 Resp: 313

Ion Ratio Lower Upper

330 100

332 96.2 152.7 229.1#

141 60.7 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

16.41

250

200

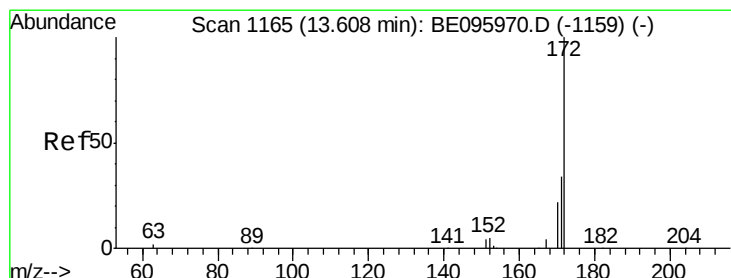
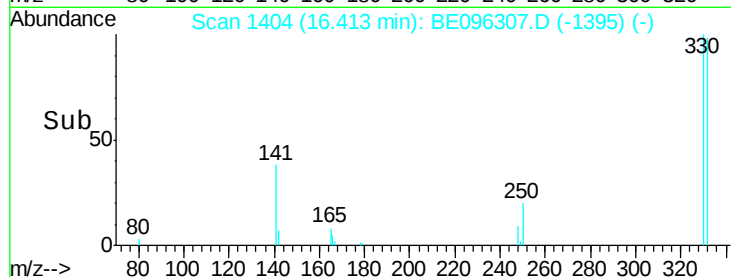
150

100

50

0

Time--> 16.30 16.40



#15

2-Fluorobiphenyl

Concen: 0.788 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

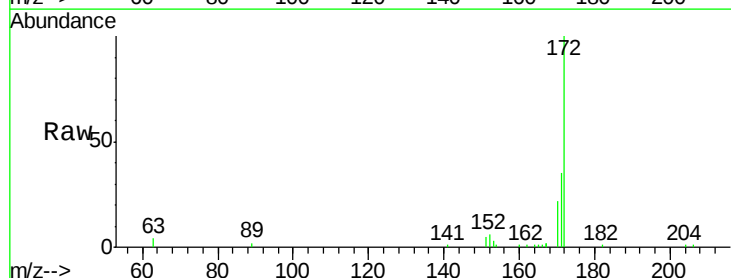
Tgt Ion:172 Resp: 6412

Ion Ratio Lower Upper

172 100

171 35.4 29.9 44.9

170 22.3 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

13.57

4000

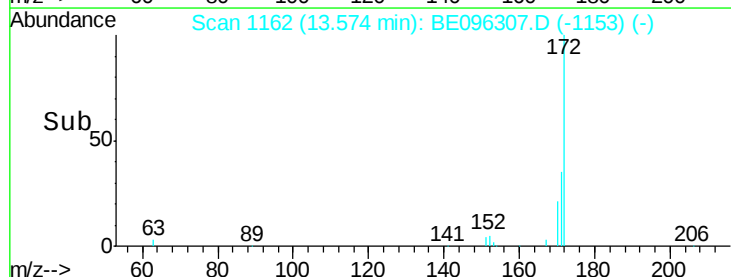
3000

2000

1000

0

Time--> 13.40 13.60





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

Instrument :

BNA_E

ClientSampleId :

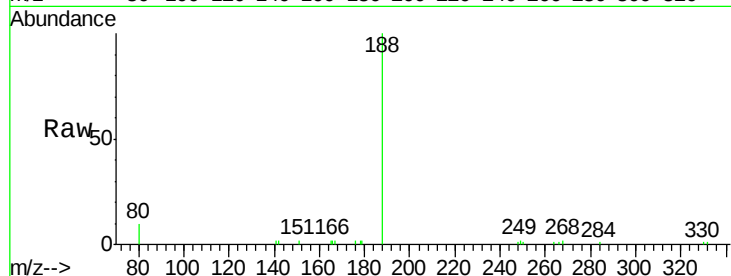
Tot Ion:188 Resp: 4422

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

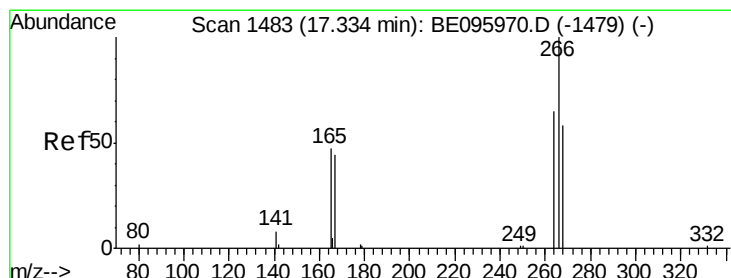
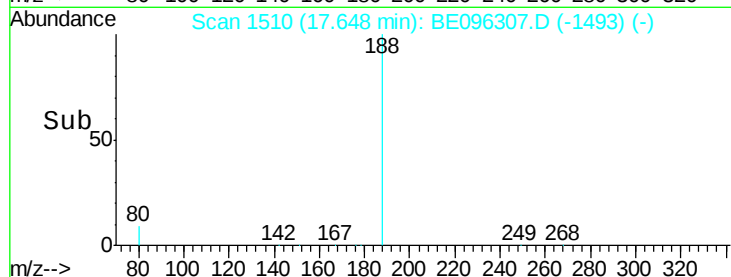
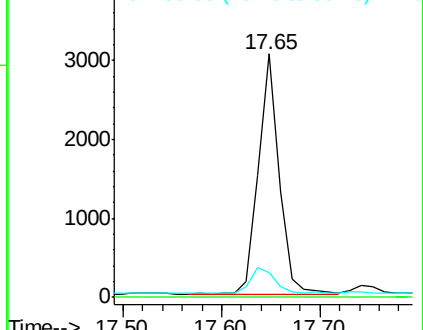
80 10.1 3.6 5.4#



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: 17.32 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

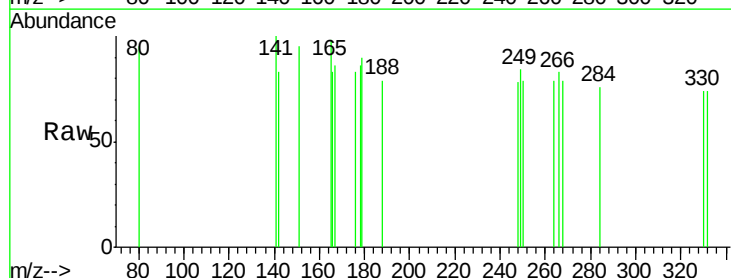
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 95.8 72.5 108.7

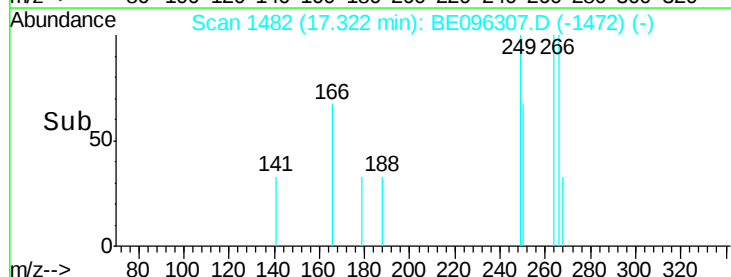
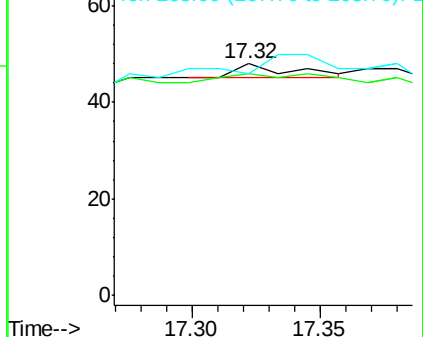
268 95.8 73.8 110.6

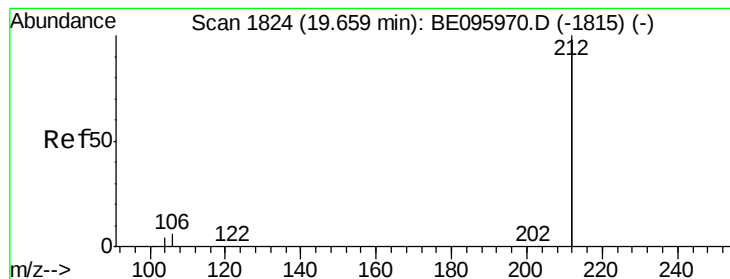


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.63 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

Instrument :

BNA_E

ClientSampleId :

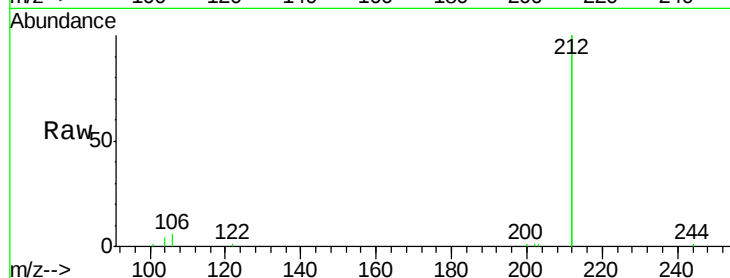
Tot Ion:212 Resp: 22442

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

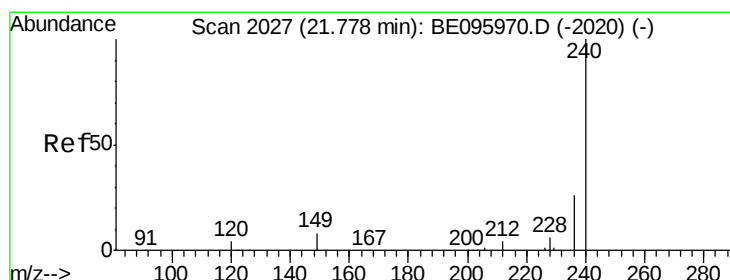
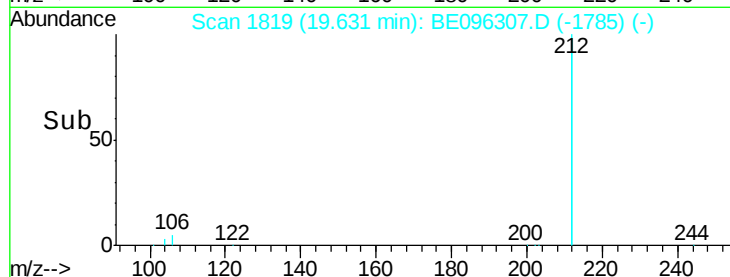
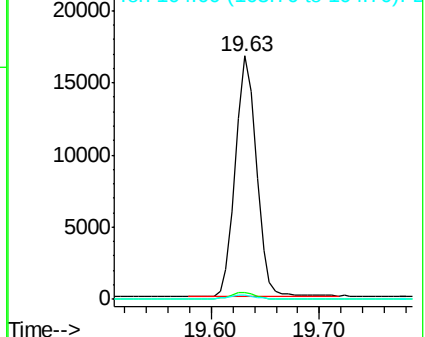
104 1.7 1.6 2.4



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: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

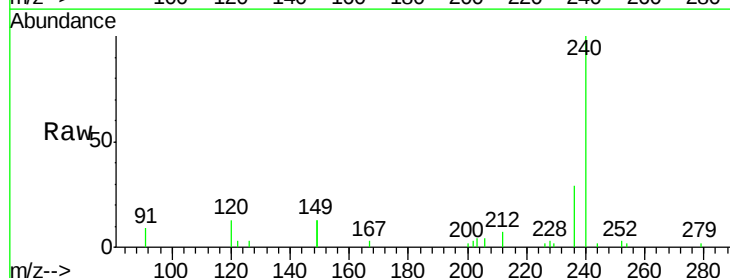
Tgt Ion:240 Resp: 4226

Ion Ratio Lower Upper

240 100

120 12.6 5.5 8.3#

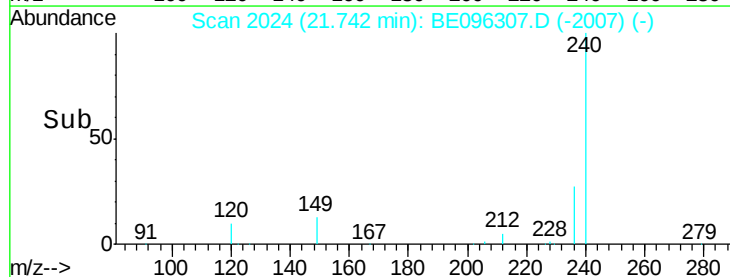
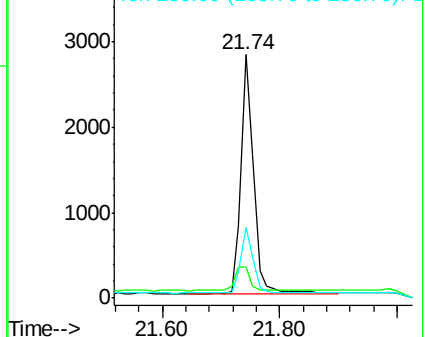
236 28.8 20.7 31.1

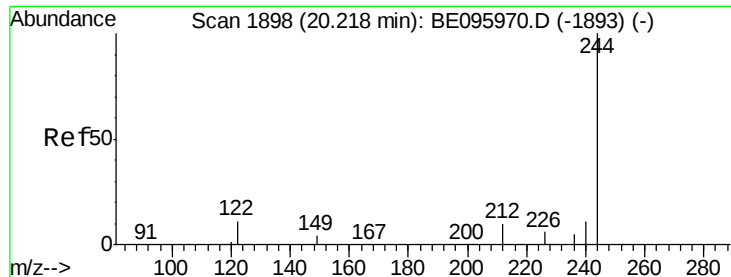


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.635 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

Instrument :

BNA_E

ClientSampleId :

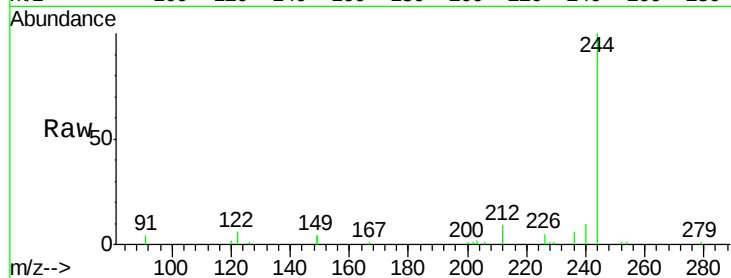
Tot Ion:244 Resp: 5929

Ion Ratio Lower Upper

244 100

212 9.0 25.4 38.0#

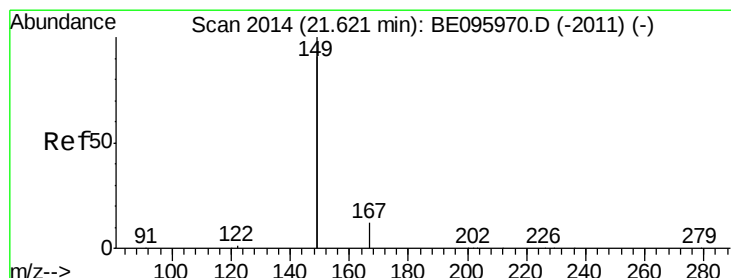
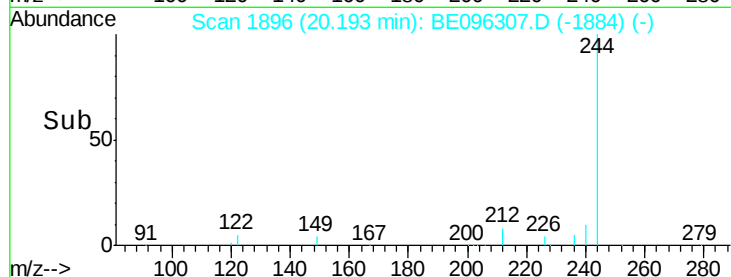
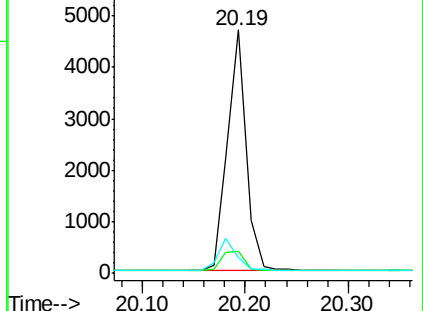
122 6.3 8.1 12.1#



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: 0.046 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

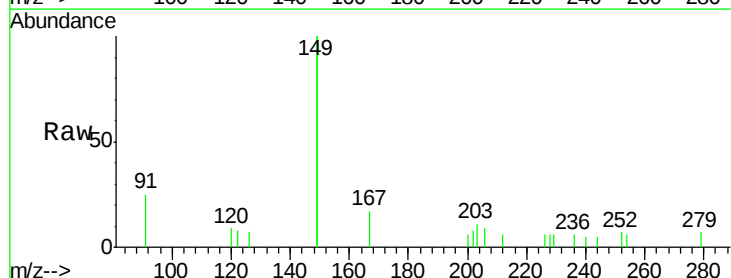
Tgt Ion:149 Resp: 1617

Ion Ratio Lower Upper

149 100

167 8.8 5.4 8.0#

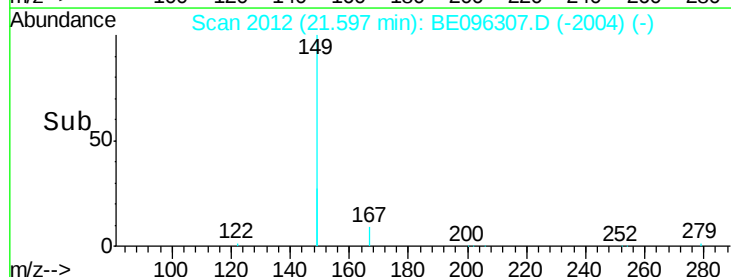
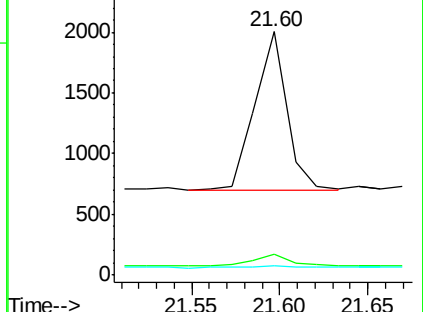
279 3.1 0.7 1.1#

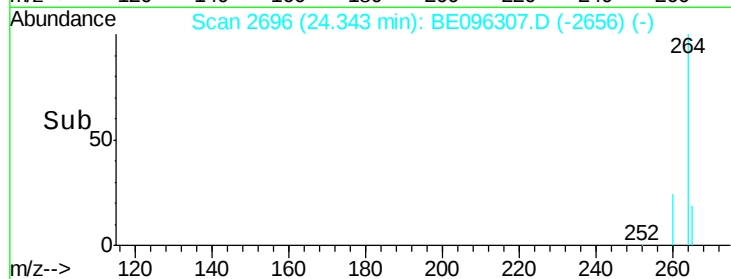
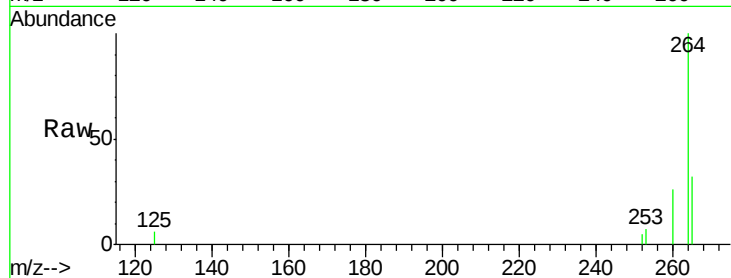


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.34 min Scan# 2696

Delta R.T. -0.01 min

Lab File: BE096307.D

Acq: 2 May 2018 23:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 4036

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

265 32.1 22.8 34.2

