

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095854.D
 Acq On : 27 Mar 2018 00:32
 Operator : SJ/JU
 Sample : J1994-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 05:44:22 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1143	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4438	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2470	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	5975	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6965	0.40	ng	-0.01
34) Perylene-d12	24.41	264	6961	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.91	112	783	0.21	ng	0.00
5) Phenol-d6	7.56	99	576	0.11	ng	0.00
8) Nitrobenzene-d5	9.59	82	2445	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2846	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	635	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	6127	0.59	ng	-0.01
25) Fluoranthene-d10	19.68	212	33843	0.38	ng	0.00
29) Terphenyl-d14	20.24	244	8207	0.55	ng	0.00

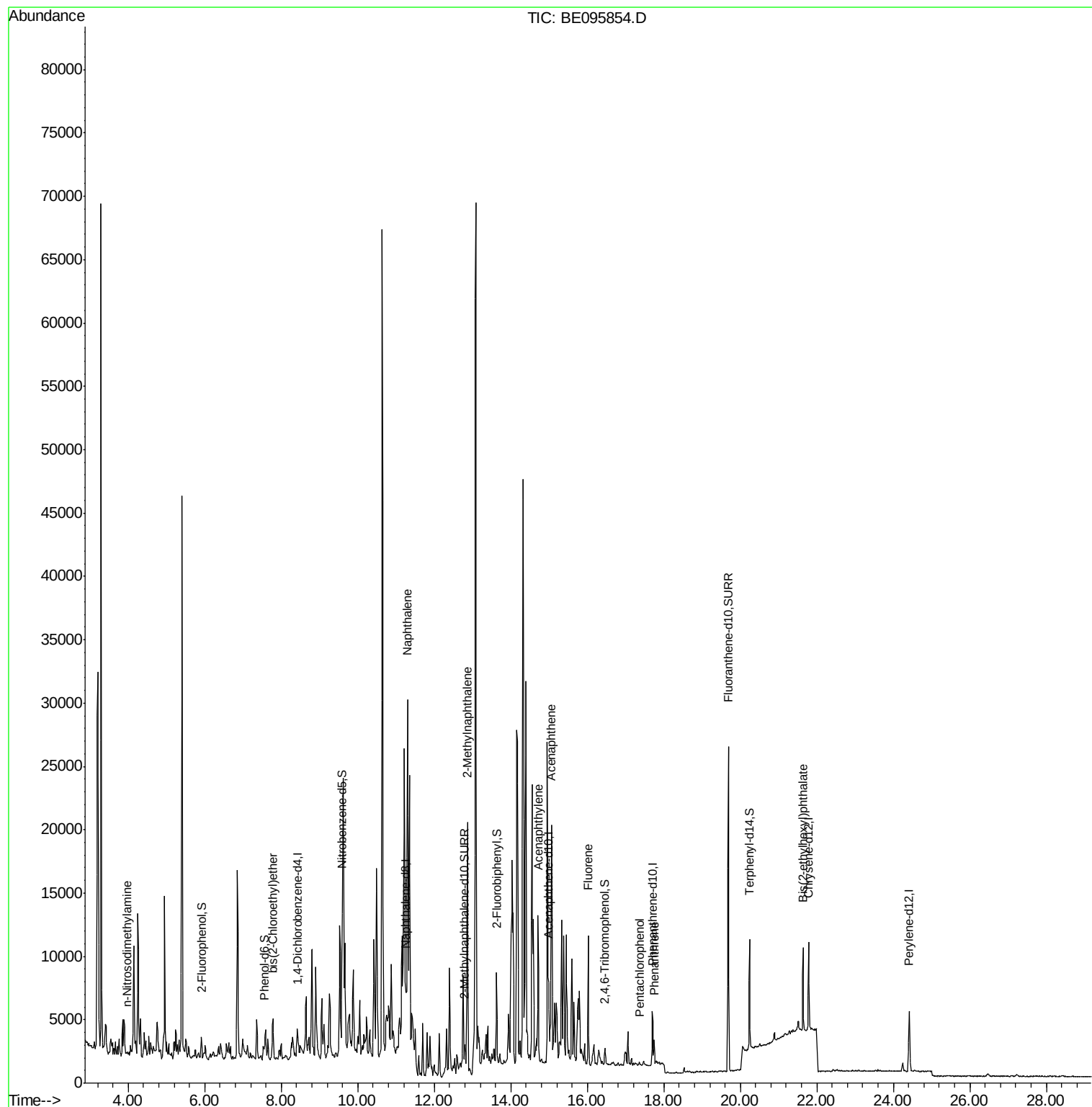
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.99	42	158	0.058	ng	# 4
6) bis(2-Chloroethyl)ether	7.78	93	184	0.041	ng	# 1
9) Naphthalene	11.30	128	44701	0.882	ng	# 87
12) 2-Methylnaphthalene	12.86	142	13318	1.538	ng	95
16) Acenaphthylene	14.71	152	1739	0.123	ng	# 1
17) Acenaphthene	15.06	154	2108	0.245	ng	# 15
18) Fluorene	16.02	166	7577	0.669	ng	# 81
22) Pentachlorophenol	17.36	266	132	0.228	ng	84
23) Phenanthrene	17.74	178	2090	0.117	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.64	149	8551	0.116	ng	100

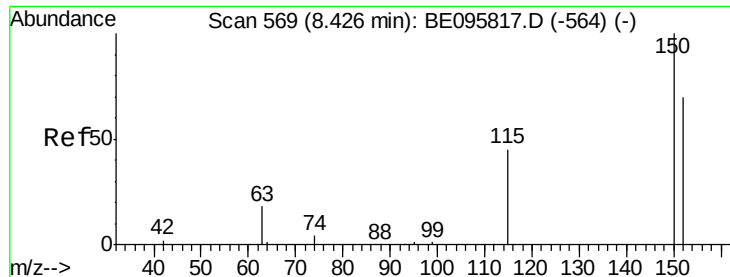
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095854.D
Acq On : 27 Mar 2018 00:32
Operator : SJ/JU
Sample : J1994-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 27 05:44:22 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration



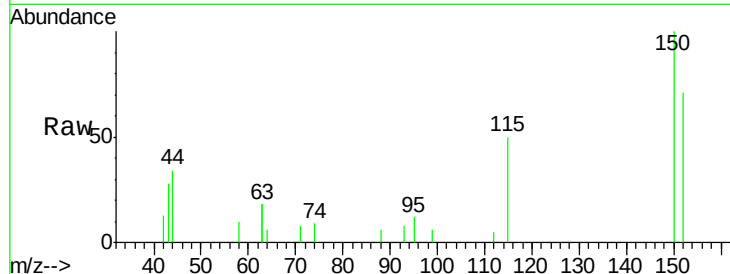


#1

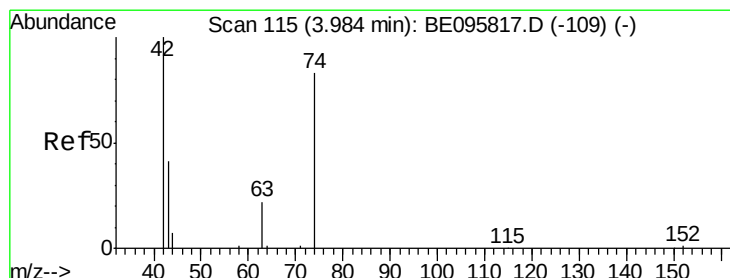
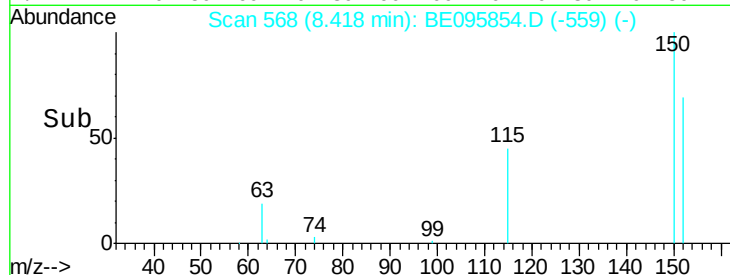
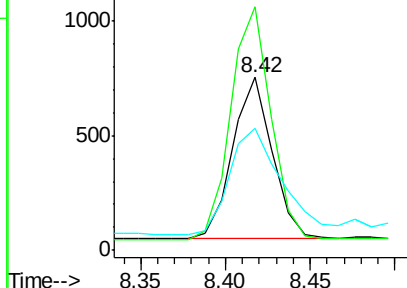
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095854.D
Acq: 27 Mar 2018 00:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1143
Ion Ratio Lower Upper
152 100
150 140.8 117.2 175.8
115 70.6 57.0 85.6



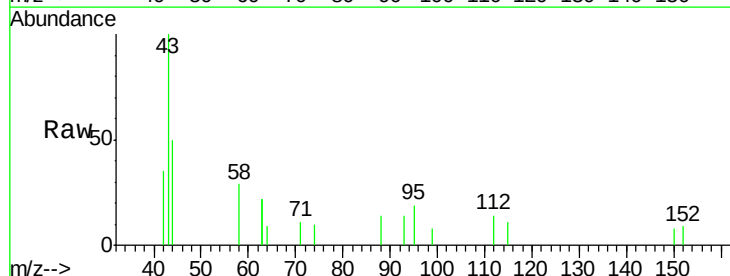
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



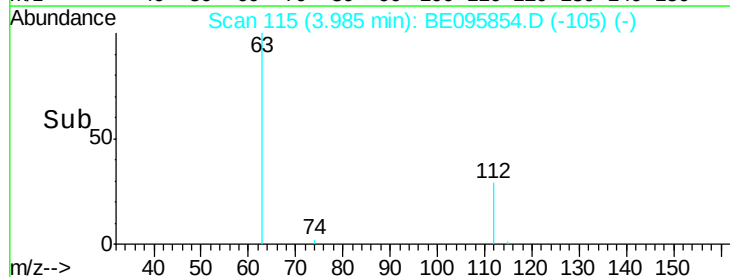
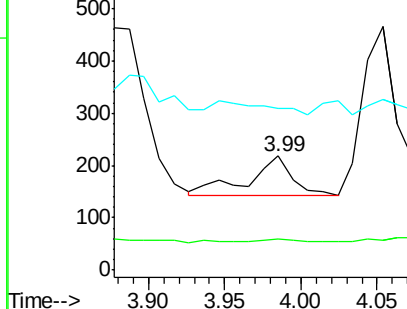
#3

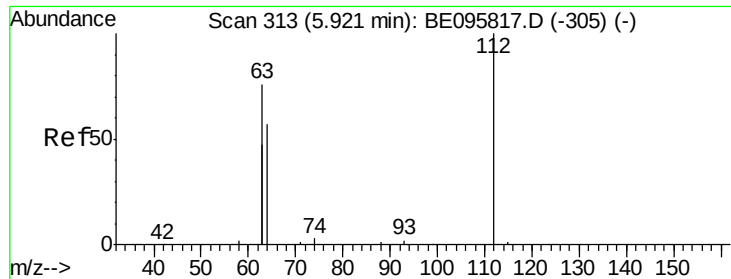
n-Nitrosodimethylamine
Concen: 0.058 ng
RT: 3.99 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095854.D
Acq: 27 Mar 2018 00:32

Tgt Ion: 42 Resp: 158
Ion Ratio Lower Upper
42 100
74 5.1 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: 0.208 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

ClientSampled :

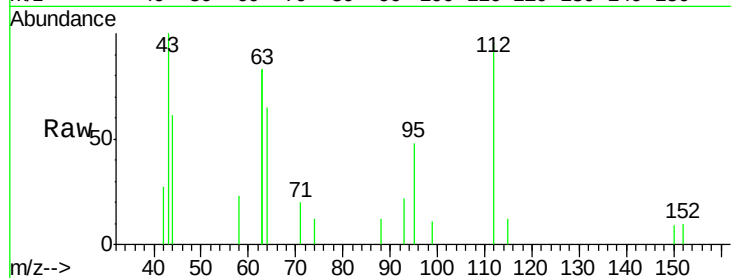
Tot Ion:112 Resp: 783

Ion Ratio Lower Upper

112 100

64 59.1 60.1 90.1#

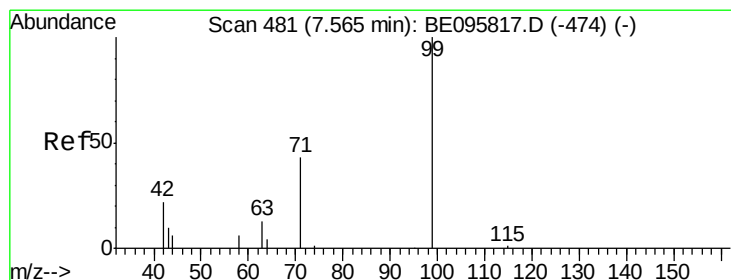
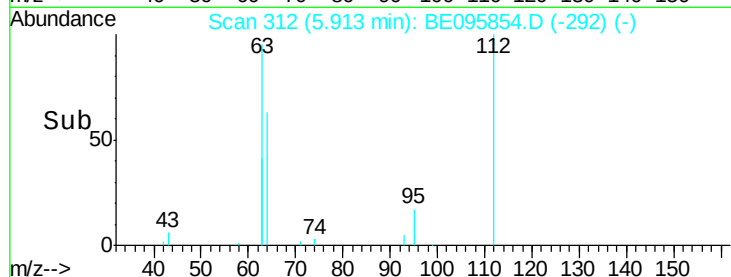
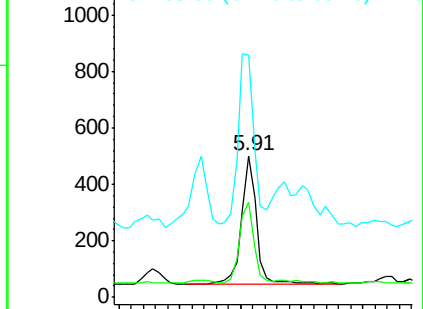
63 137.7 116.8 175.2



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: 0.111 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

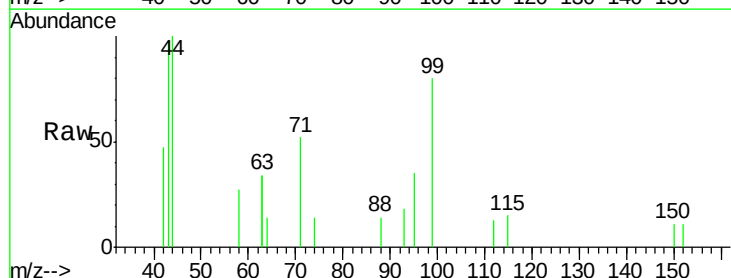
Tgt Ion: 99 Resp: 576

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

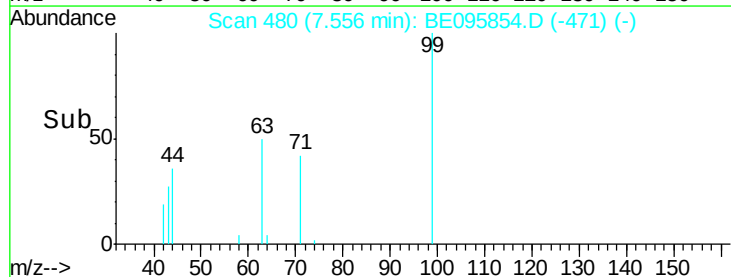
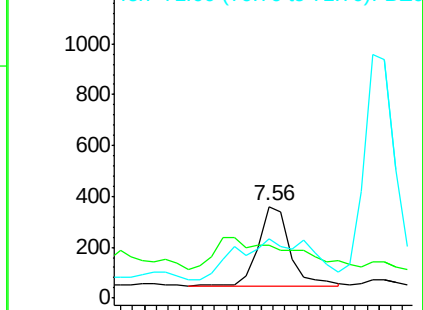
71 123.8 28.4 42.6#

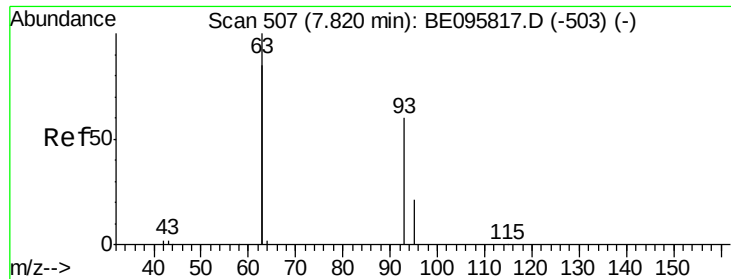


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.041 ng

RT: 7.78 min Scan# 503

Delta R.T. -0.04 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

ClientSampleId :

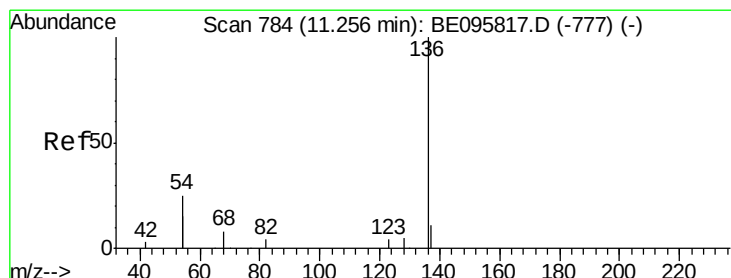
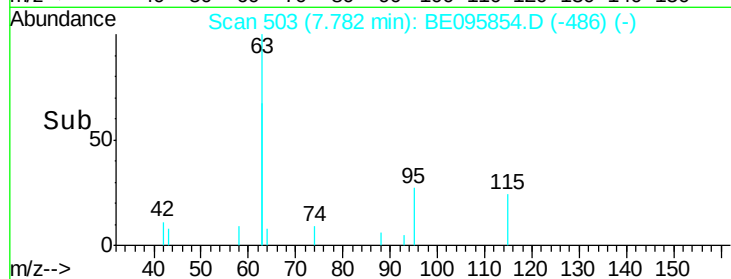
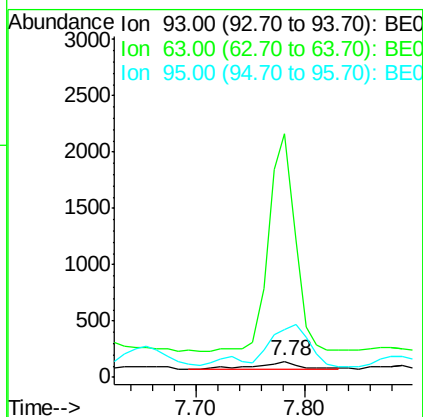
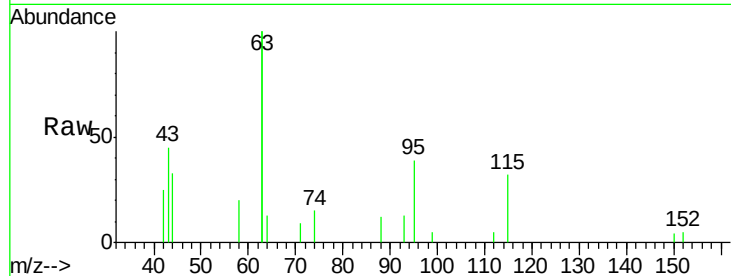
Tot Ion: 93 Resp: 184

Ion Ratio Lower Upper

93 100

63 1750.0 275.3 412.9#

95 498.4 25.2 37.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Tgt Ion:136 Resp: 4438

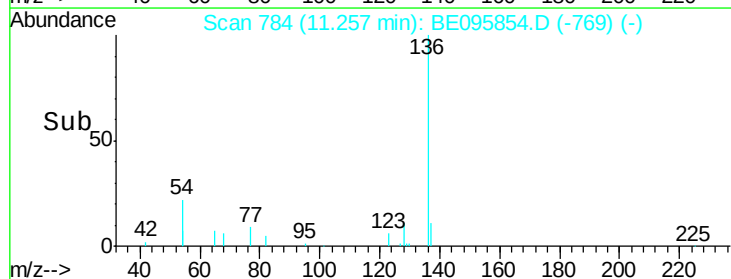
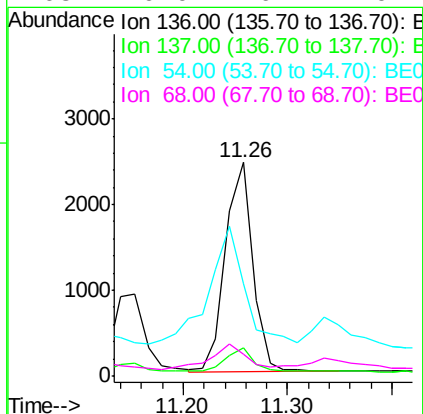
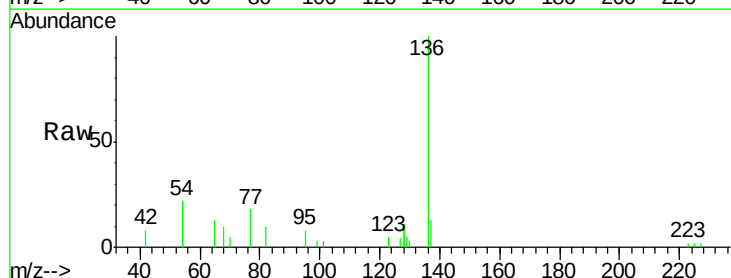
Ion Ratio Lower Upper

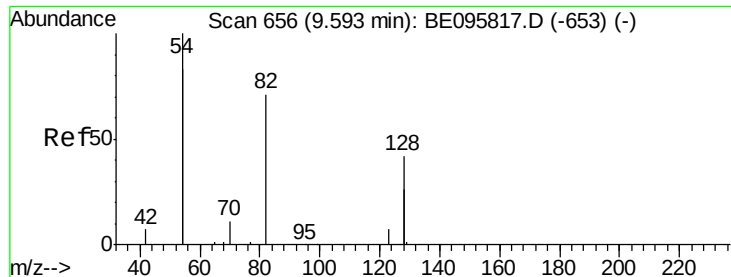
136 100

137 13.1 9.5 14.3

54 43.4 29.1 43.7

68 10.0 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 0.466 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

ClientSampled :

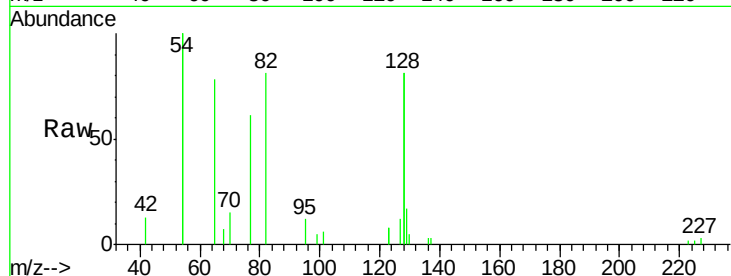
Tot Ion: 82 Resp: 2445

Ion Ratio Lower Upper

82 100

128 200.3 150.0 225.0

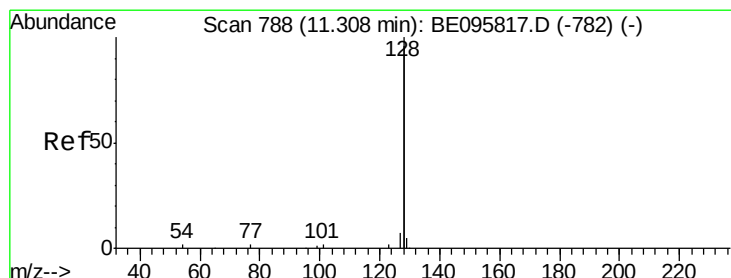
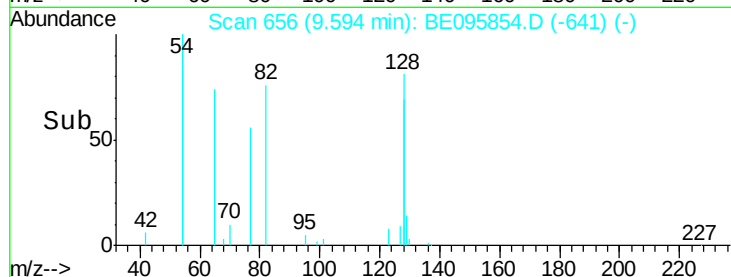
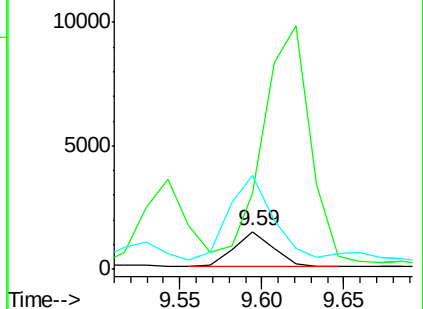
54 248.1 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095817.D (-653) (-)

Ion 128.00 (127.70 to 128.70): BE095817.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BE095817.D (-653) (-)



#9

Naphthalene

Concen: 0.882 ng

RT: 11.30 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

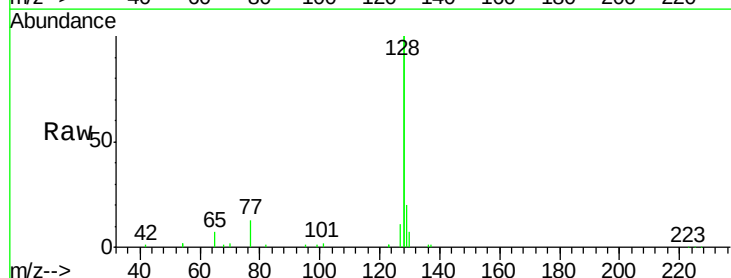
Tgt Ion: 128 Resp: 44701

Ion Ratio Lower Upper

128 100

129 10.2 2.6 3.8#

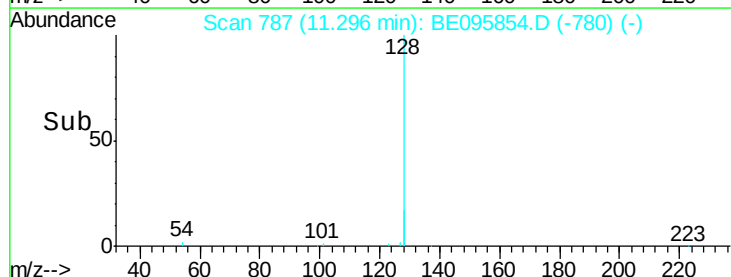
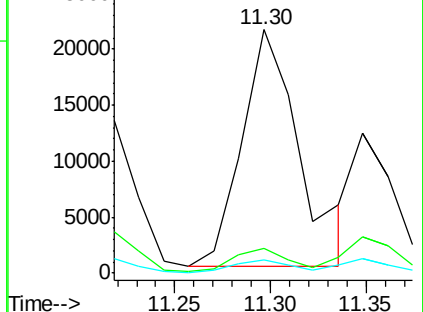
127 5.5 2.8 4.2#

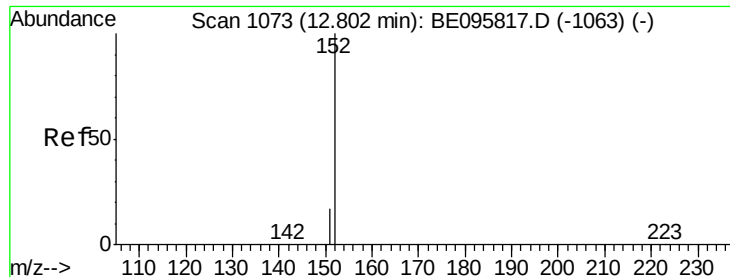


Abundance Ion 128.00 (127.70 to 128.70): BE095817.D (-782) (-)

Ion 129.00 (128.70 to 129.70): BE095817.D (-782) (-)

Ion 127.00 (126.70 to 127.70): BE095817.D (-782) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

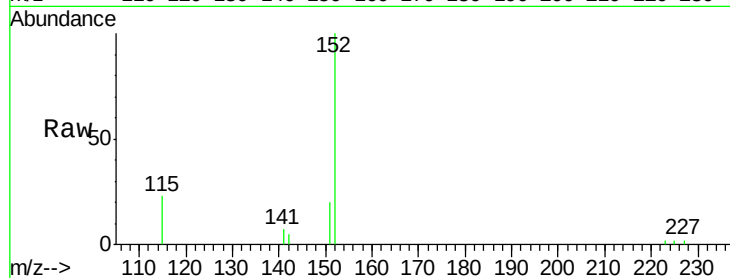
ClientSampleId :

Tot Ion:152 Resp: 2846

Ion Ratio Lower Upper

152 100

151 20.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.79

2000

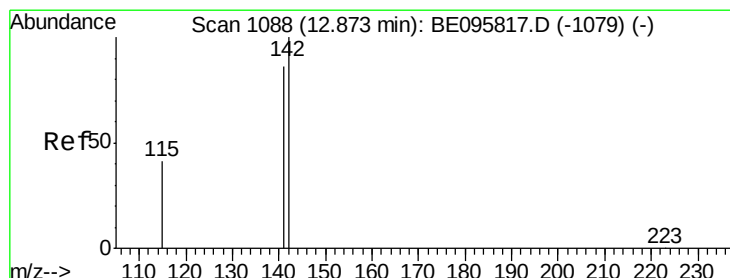
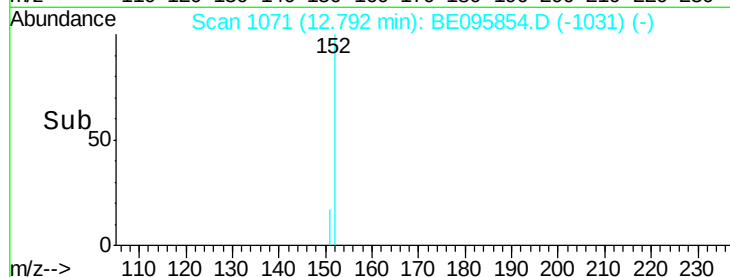
1500

1000

500

0

Time--> 12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 1.538 ng

RT: 12.86 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

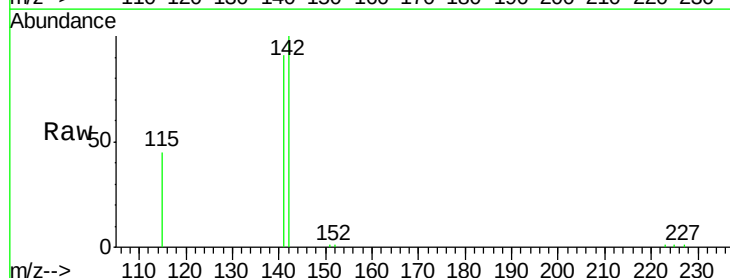
Tgt Ion:142 Resp: 13318

Ion Ratio Lower Upper

142 100

141 91.1 70.4 105.6

115 45.3 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.86

12000

10000

8000

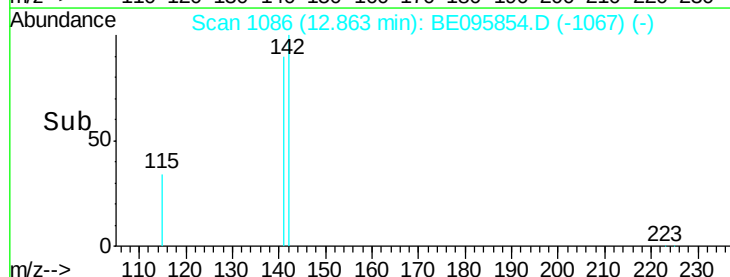
6000

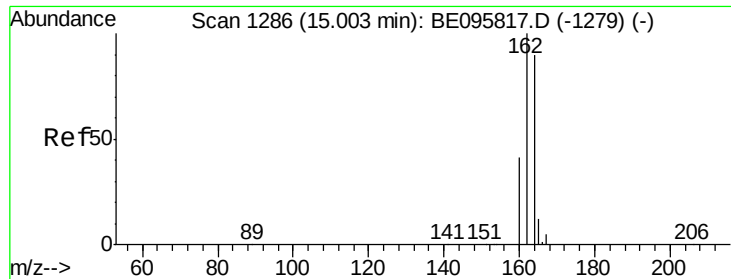
4000

2000

0

Time--> 12.80 12.85 12.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

ClientSampleId :

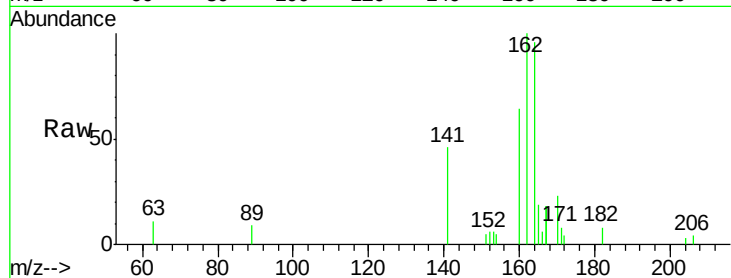
Tot Ion:164 Resp: 2470

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

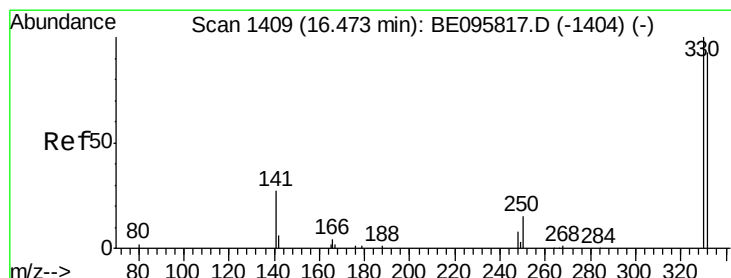
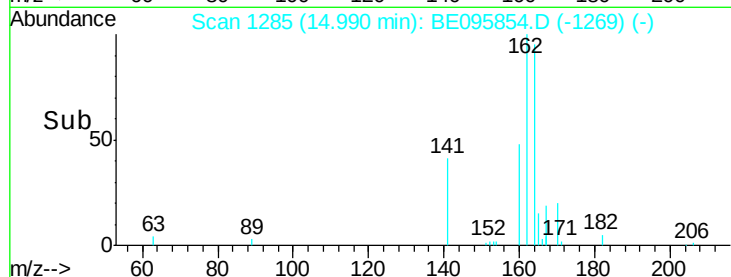
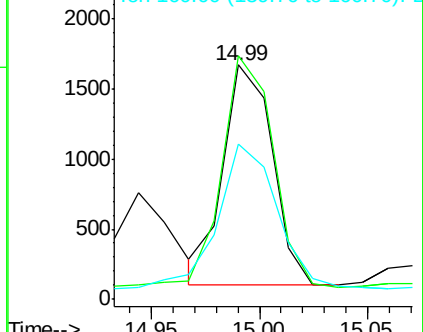
160 66.5 37.1 55.7#



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: 0.445 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

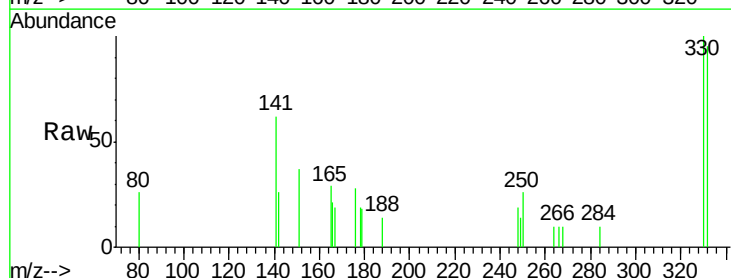
Tgt Ion:330 Resp: 635

Ion Ratio Lower Upper

330 100

332 99.4 152.7 229.1#

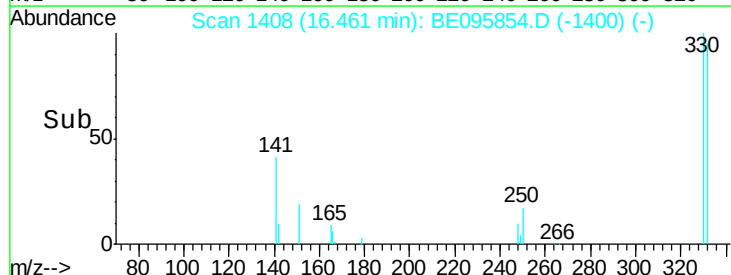
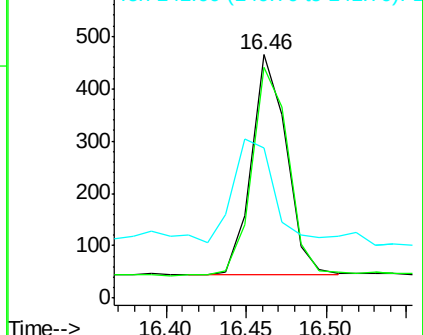
141 55.1 33.7 50.5#

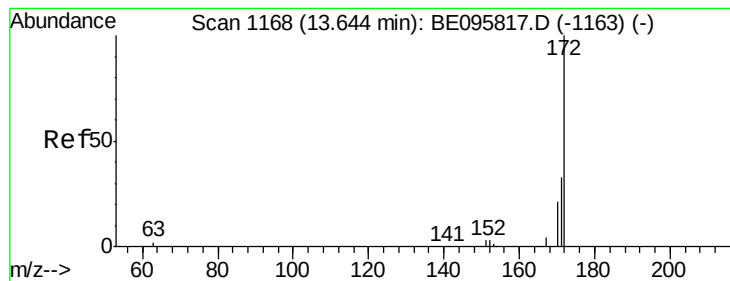


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.589 ng

RT: 13.63 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

ClientSampleId :

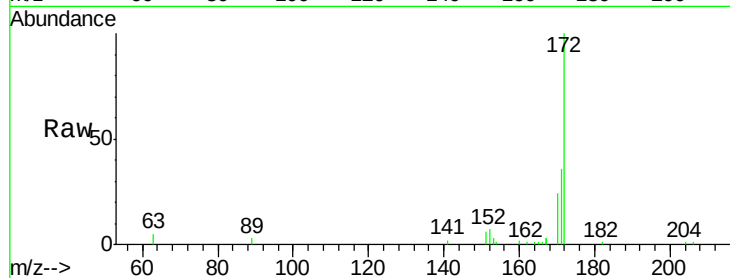
Tot Ion:172 Resp: 6127

Ion Ratio Lower Upper

172 100

171 36.2 29.9 44.9

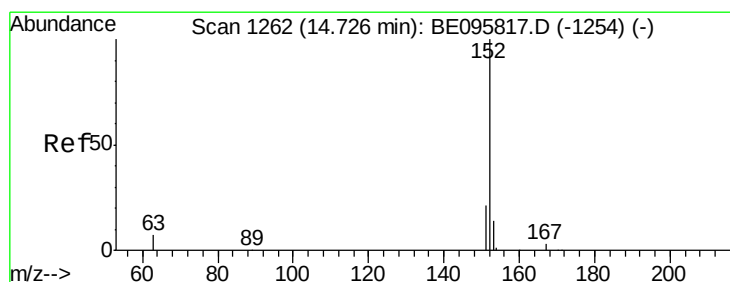
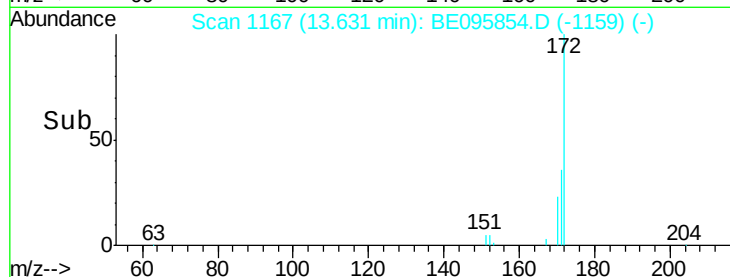
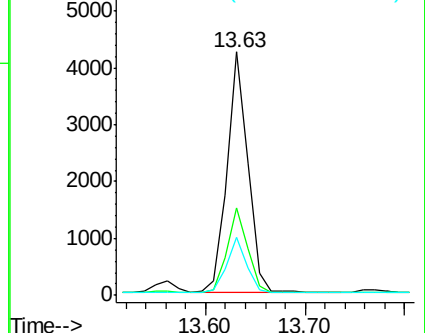
170 23.9 21.8 32.8



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



#16

Acenaphthylene

Concen: 0.123 ng

RT: 14.71 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

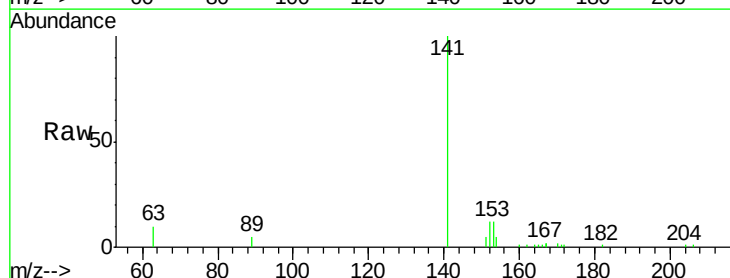
Tgt Ion:152 Resp: 1739

Ion Ratio Lower Upper

152 100

151 33.5 15.7 23.5#

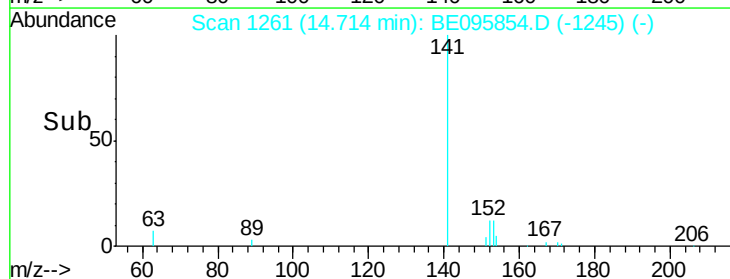
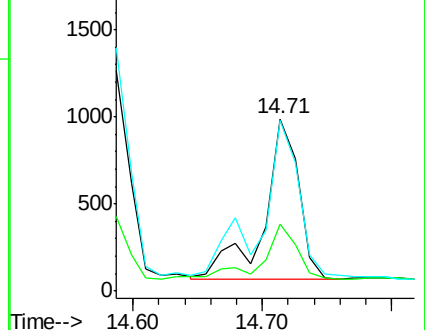
153 111.3 10.5 15.7#

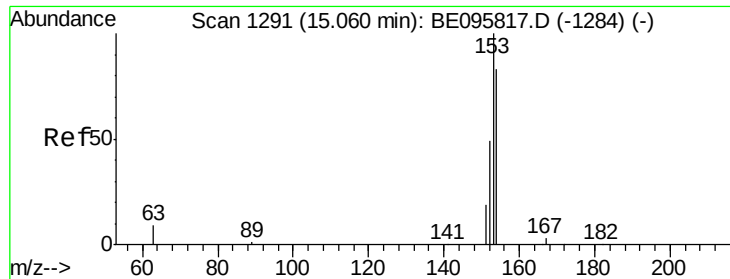


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

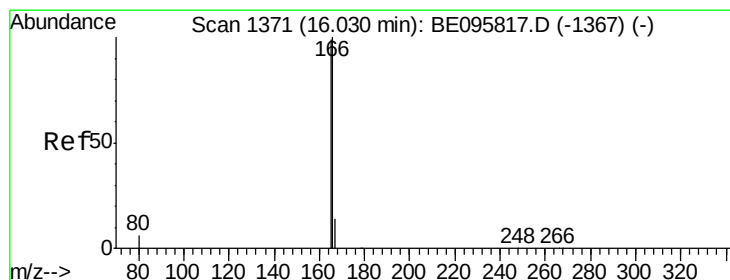
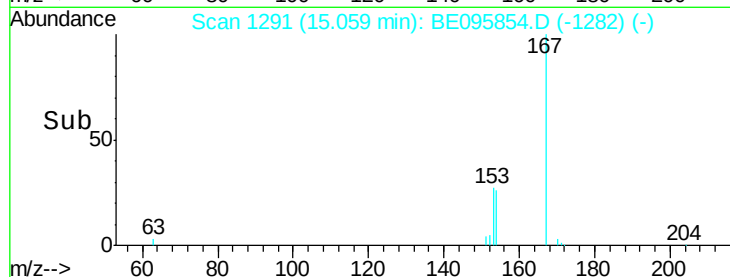
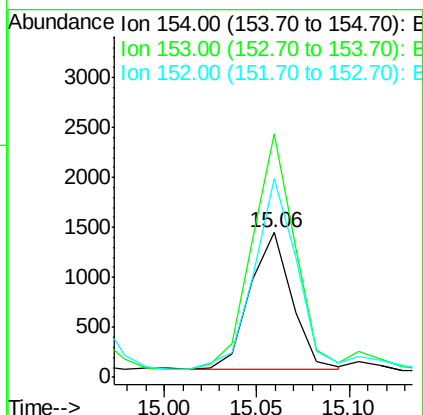
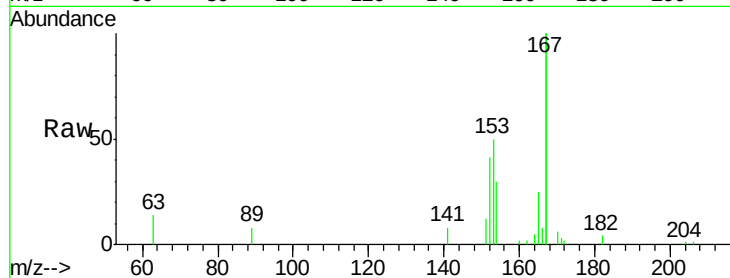




#17
Acenaphthene
Concen: 0.245 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095854.D
Acq: 27 Mar 2018 00:32

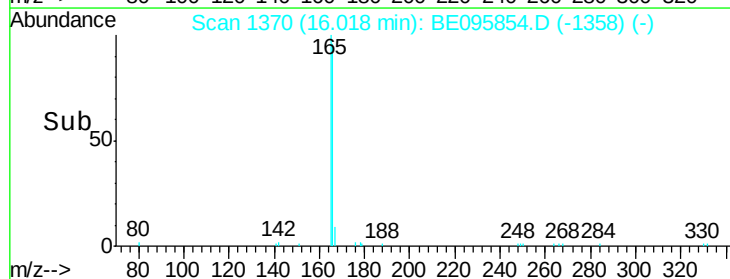
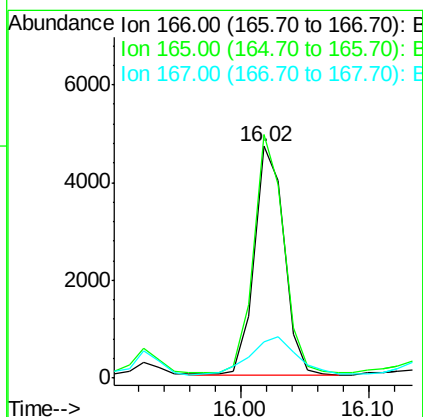
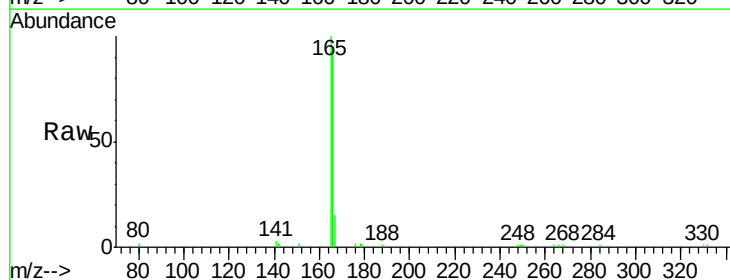
Instrument :
BNA_E
ClientSampleId :

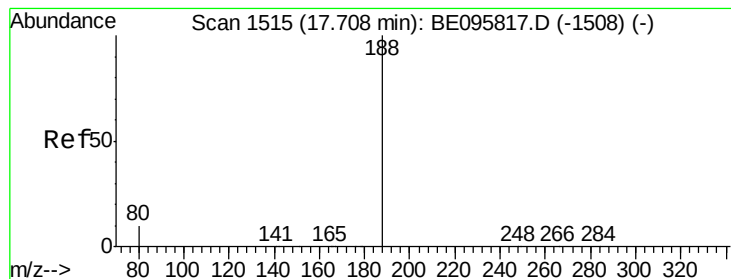
Tot Ion:154 Resp: 2108
Ion Ratio Lower Upper
154 100
153 178.7 89.2 133.8#
152 145.2 42.0 63.0#



#18
Fluorene
Concen: 0.669 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095854.D
Acq: 27 Mar 2018 00:32

Tgt Ion:166 Resp: 7577
Ion Ratio Lower Upper
166 100
165 104.9 77.8 116.6
167 25.9 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

ClientSampleId :

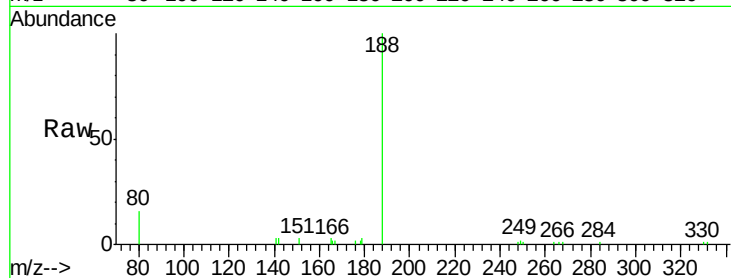
Tot Ion:188 Resp: 5975

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

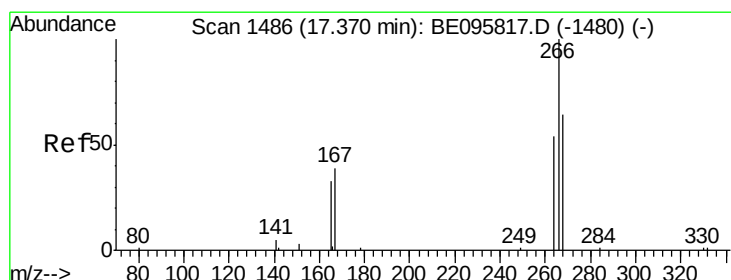
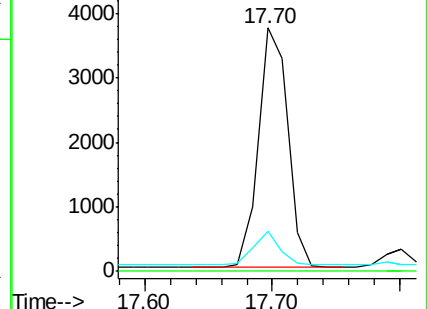
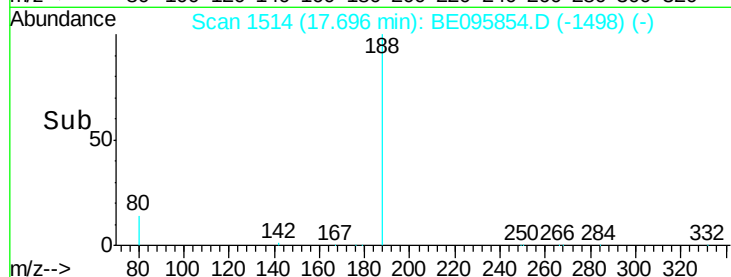
80 16.5 3.6 5.4#



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: 0.228 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

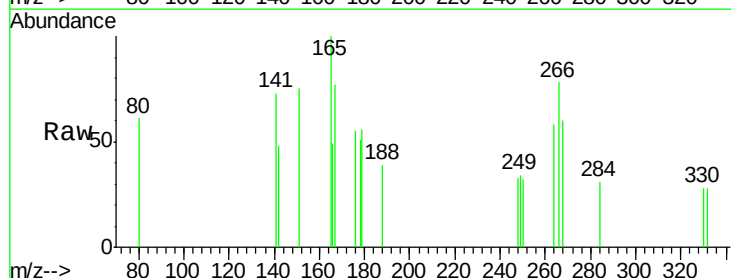
Tgt Ion:266 Resp: 132

Ion Ratio Lower Upper

266 100

264 74.2 72.5 108.7

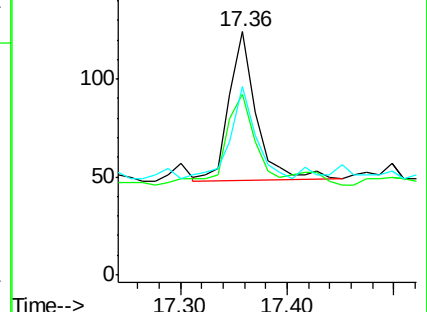
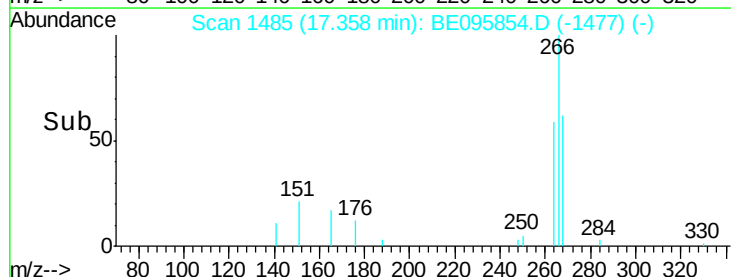
268 77.4 73.8 110.6

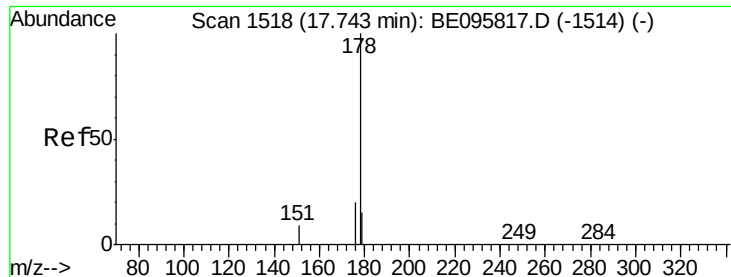


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.117 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

ClientSampleId :

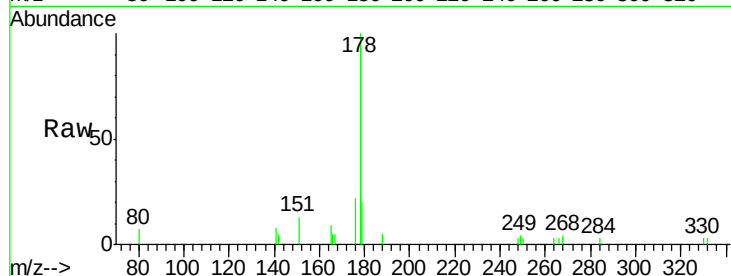
Tot Ion:178 Resp: 2090

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

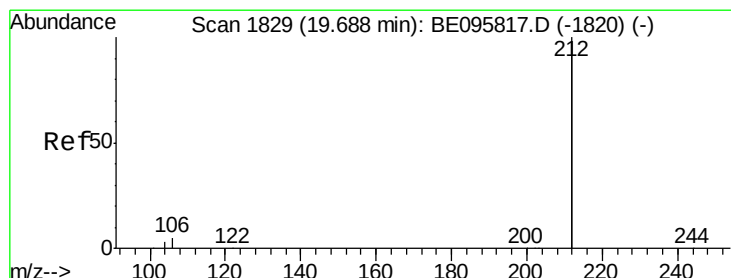
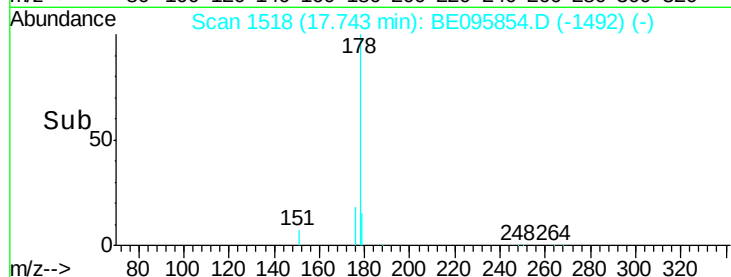
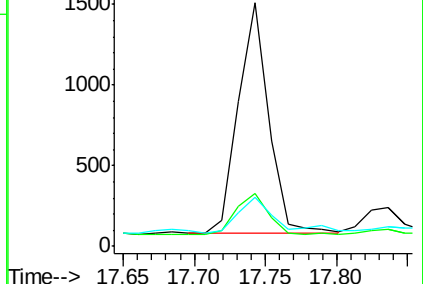
179 19.2 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

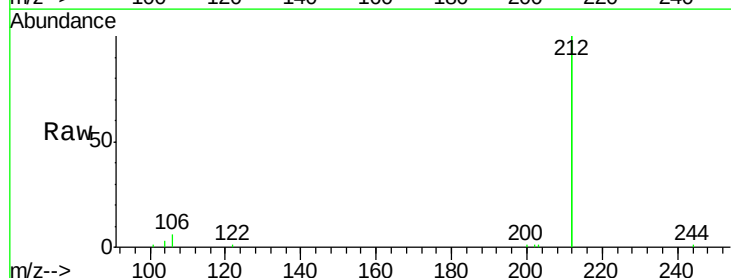
Tgt Ion:212 Resp: 33843

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

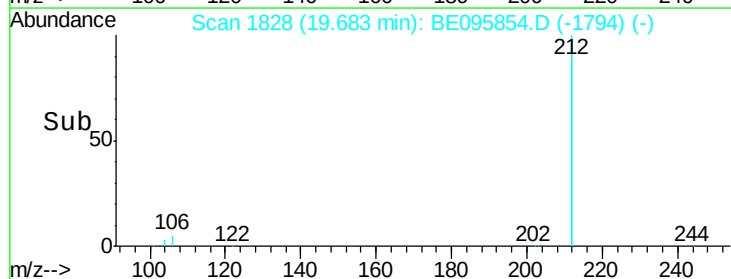
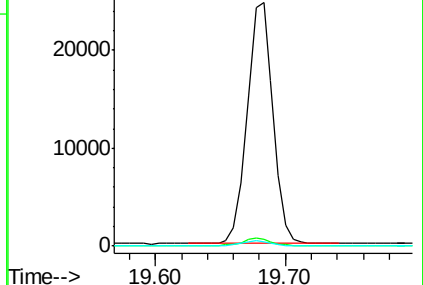
104 1.7 1.6 2.4

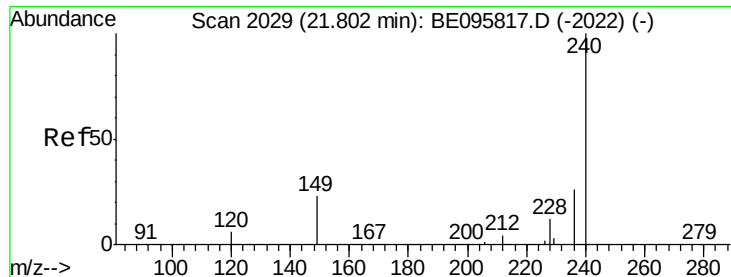


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

ClientSampleId :

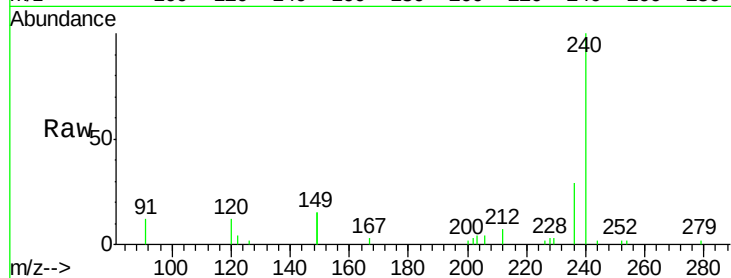
Tot Ion:240 Resp: 6965

Ion Ratio Lower Upper

240 100

120 11.6 5.5 8.3#

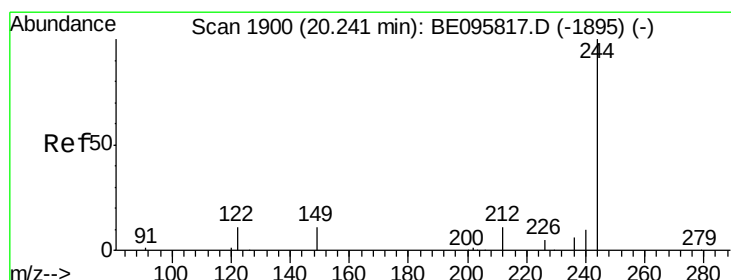
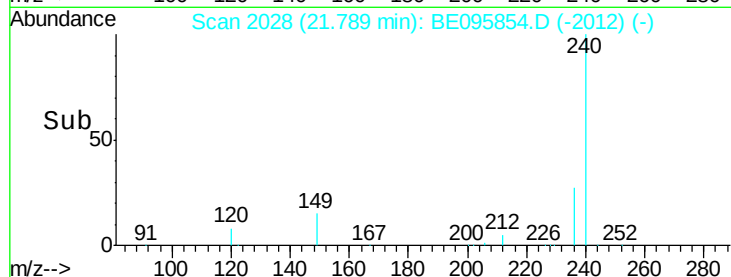
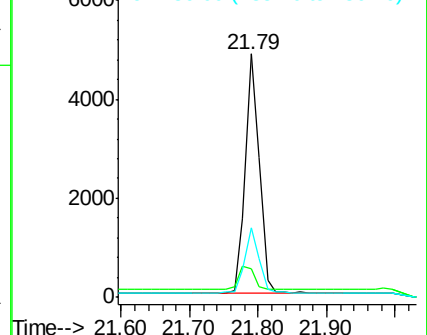
236 28.8 20.7 31.1



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: 0.555 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

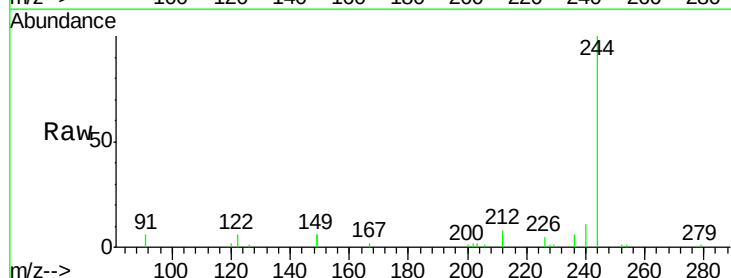
Tgt Ion:244 Resp: 8207

Ion Ratio Lower Upper

244 100

212 7.9 25.4 38.0#

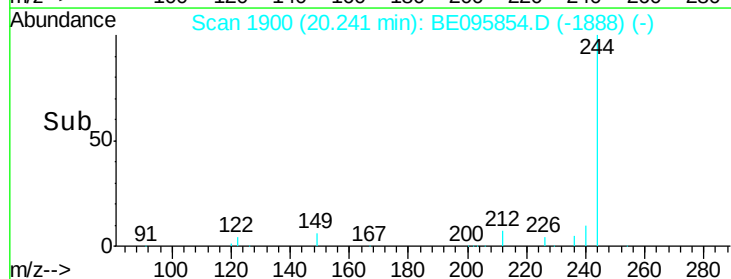
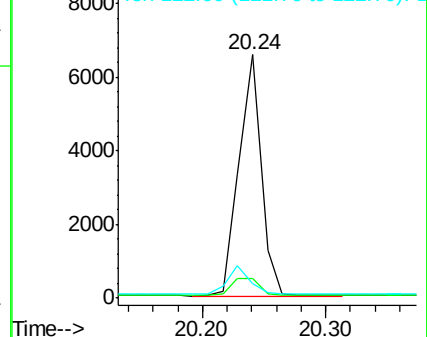
122 6.2 8.1 12.1#

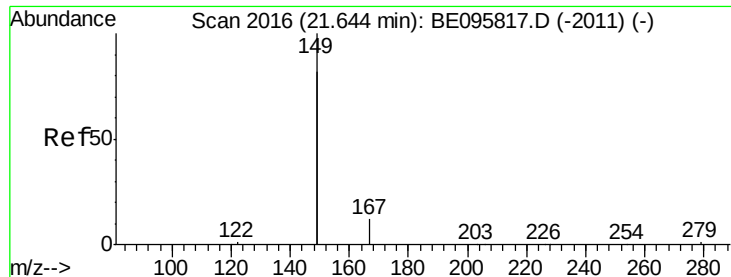


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.116 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

Instrument :

BNA_E

ClientSampleId :

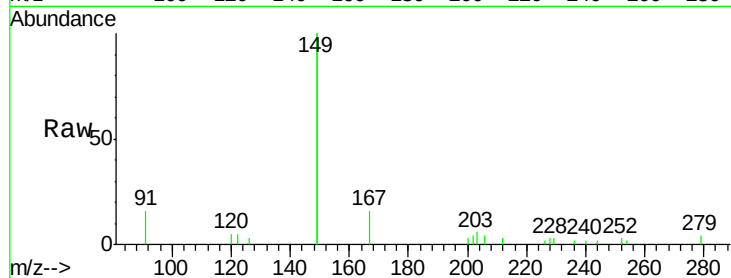
Tot Ion:149 Resp: 8551

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

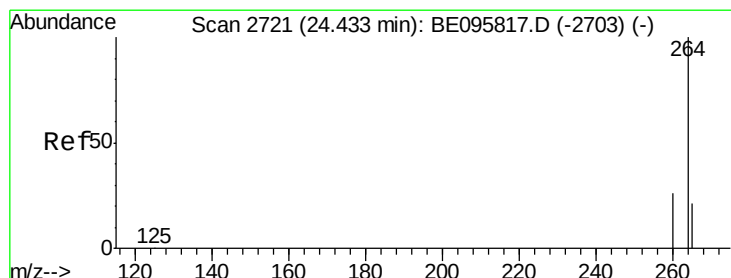
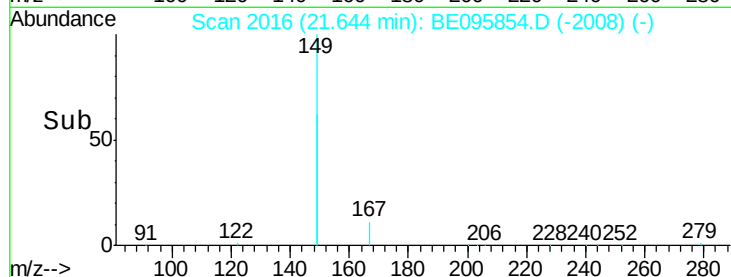
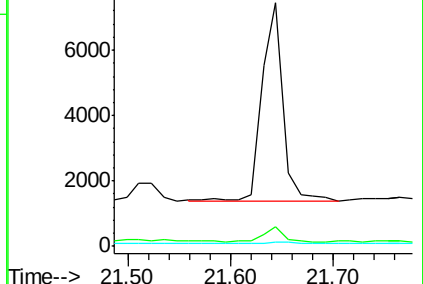
279 0.8 0.7 1.1



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: 24.41 min Scan# 2716

Delta R.T. -0.02 min

Lab File: BE095854.D

Acq: 27 Mar 2018 00:32

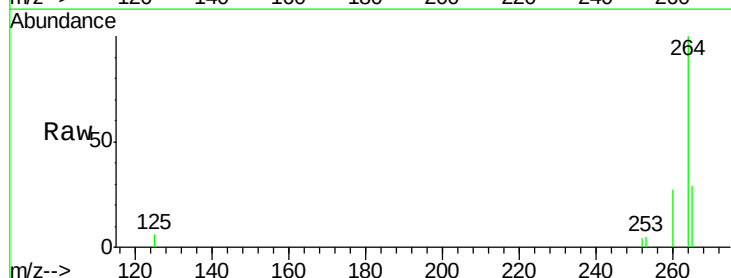
Tgt Ion:264 Resp: 6961

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

265 29.5 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

