

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012518\
 Data File : BE095114.D
 Acq On : 25 Jan 2018 13:39
 Operator : SJ/JU
 Sample : J1235-01DL2 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW-3DL

Quant Time: Jan 25 19:21:48 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 15:47:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5111	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	16073	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	7450	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	17484	0.40	ng	0.00
27) Chrysene-d12	21.84	240	16703	0.40	ng	0.00
34) Perylene-d12	24.48	264	15526	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	53	0.01	ng	0.00
5) Phenol-d6	7.58	99	53	0.00	ng	0.00
8) Nitrobenzene-d5	9.63	82	278	0.02	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	99	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	30	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	1150	0.04	ng	0.00
25) Fluoranthene-d10	19.71	212	928	0.00	ng	0.00
29) Terphenyl-d14	20.28	244	7241	0.21	ng	0.00

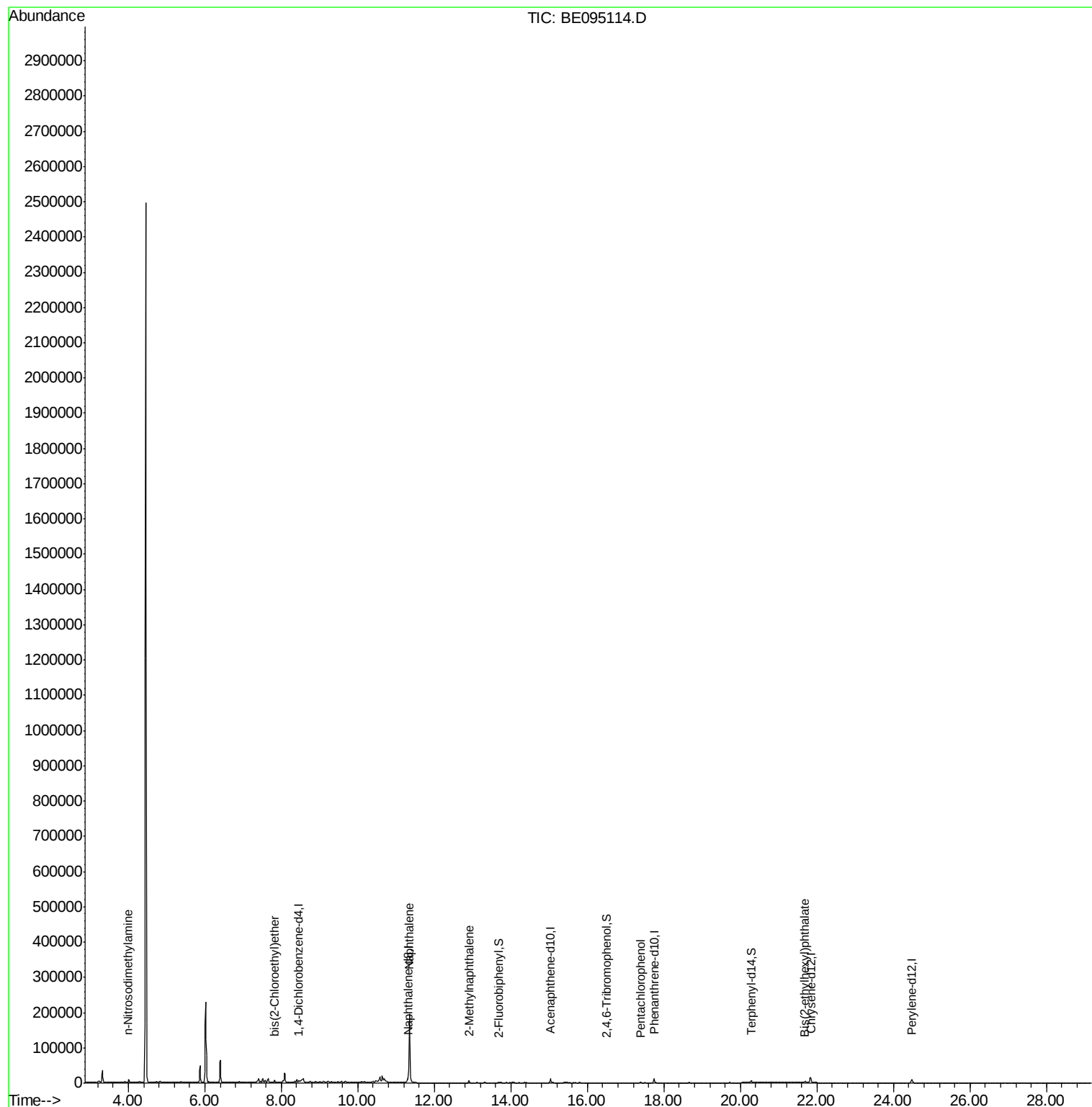
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	4.00	42	692	0.115	ng	# 1
6) bis(2-Chloroethyl)ether	7.83	93	248	0.021	ng	# 1
9) Naphthalene	11.34	128	348563	1.895	ng	99
12) 2-Methylnaphthalene	12.91	142	4861	0.154	ng	98
22) Pentachlorophenol	17.39	266	690	0.349	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.68	149	1694	0.023	ng	# 93

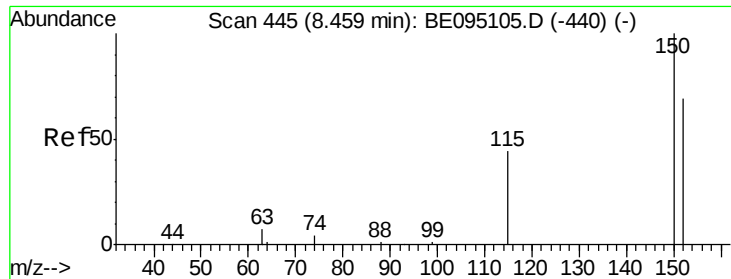
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012518\
Data File : BE095114.D
Acq On : 25 Jan 2018 13:39
Operator : SJ/JU
Sample : J1235-01DL2 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TW-3DL

Quant Time: Jan 25 19:21:48 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 15:47:25 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Instrument :

BNA_E

ClientSampleId :

TW-3DL

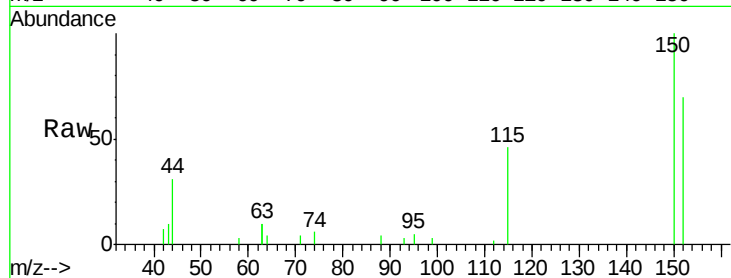
Tgt Ion:152 Resp: 5111

Ion Ratio Lower Upper

152 100

150 142.4 117.2 175.8

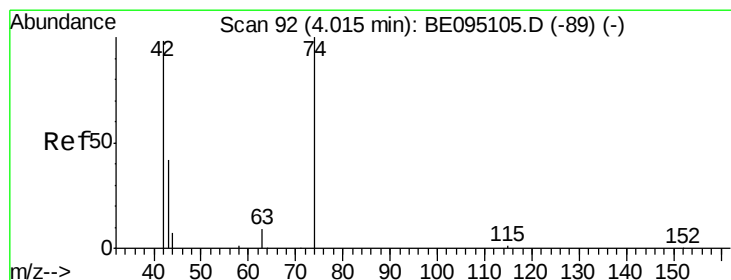
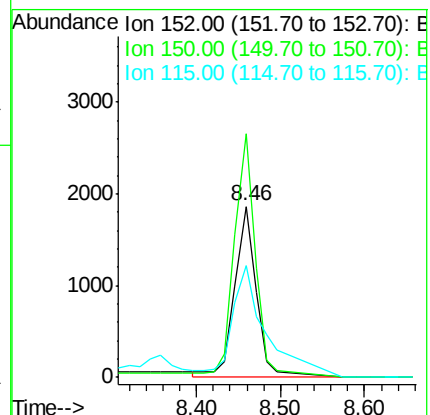
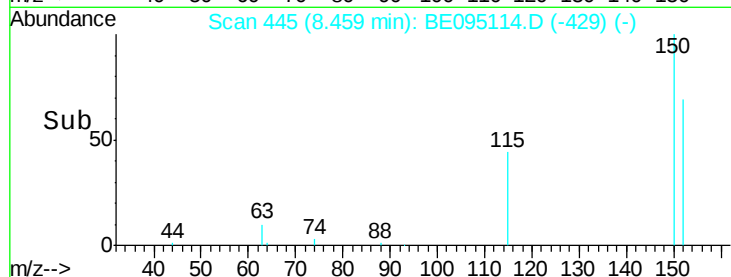
115 65.3 57.0 85.6



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: 0.115 ng

RT: 4.00 min Scan# 91

Delta R.T. -0.01 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

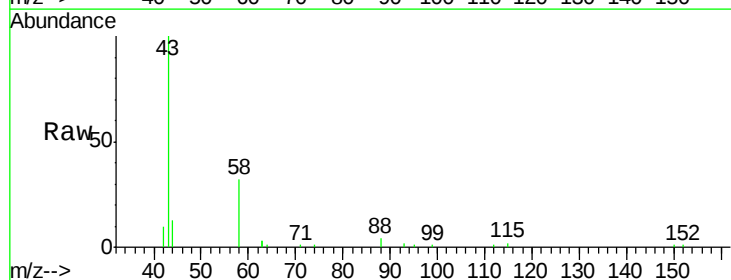
Tgt Ion: 42 Resp: 692

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

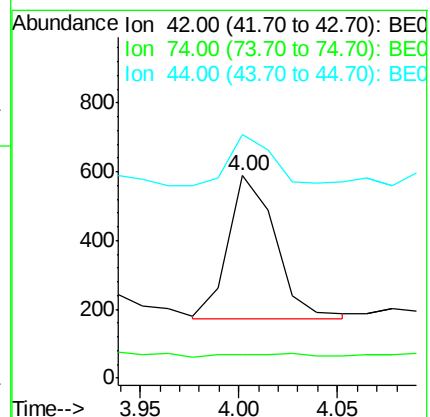
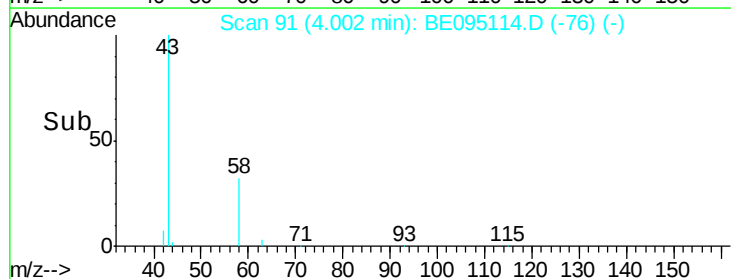
44 36.3 12.0 18.0#

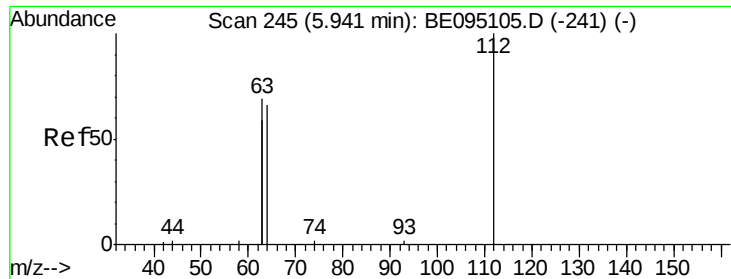


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.006 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Instrument :

BNA_E

ClientSampleId :

TW-3DL

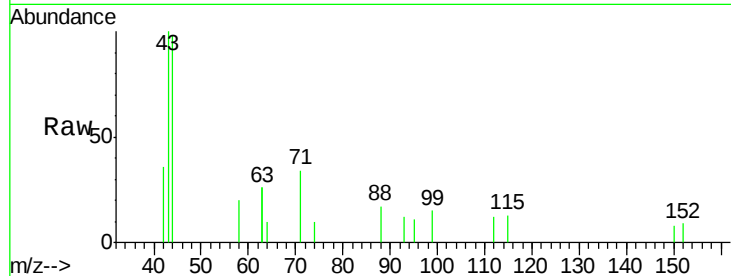
Tgt Ion: 112 Resp: 53

Ion Ratio Lower Upper

112 100

64 0.0 60.1 90.1#

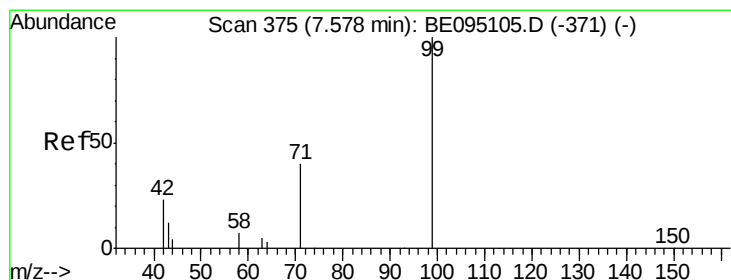
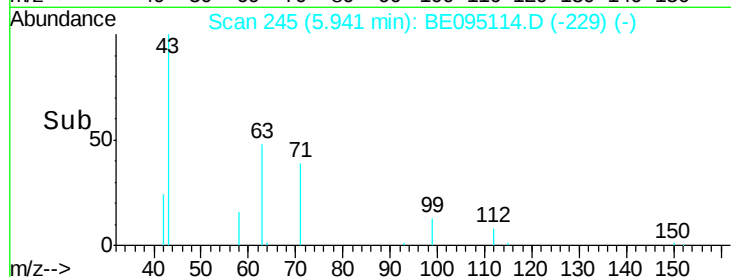
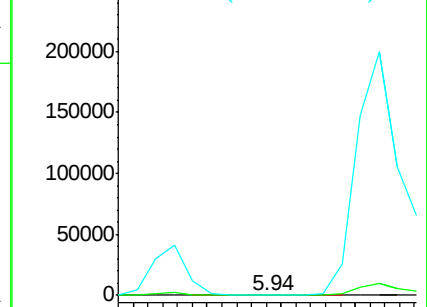
63 0.0 116.8 175.2#



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: 0.004 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

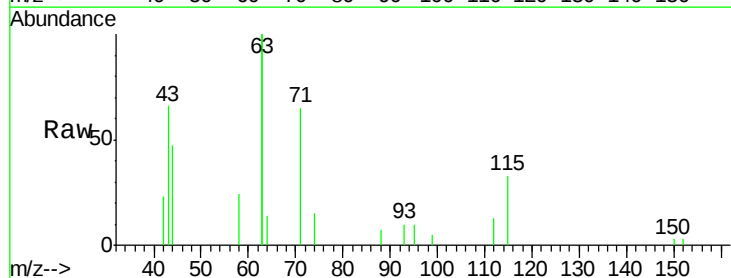
Tgt Ion: 99 Resp: 53

Ion Ratio Lower Upper

99 100

42 903.8 20.2 30.2#

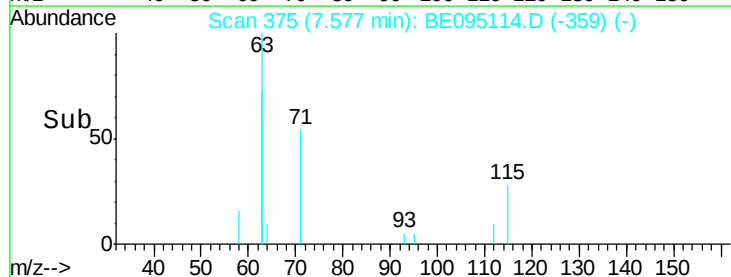
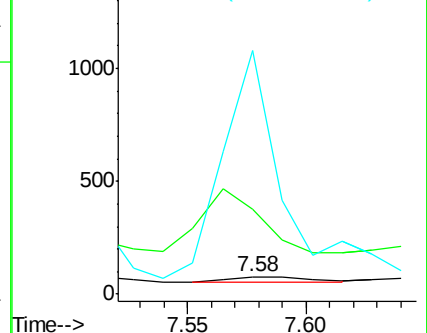
71 3426.4 28.4 42.6#

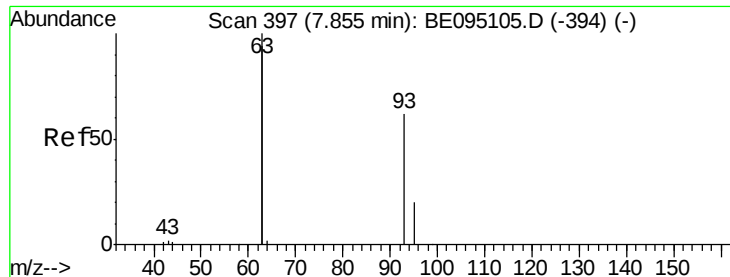


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.021 ng

RT: 7.83 min Scan# 395

Delta R.T. -0.03 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Instrument :

BNA_E

ClientSampled :

TW-3DL

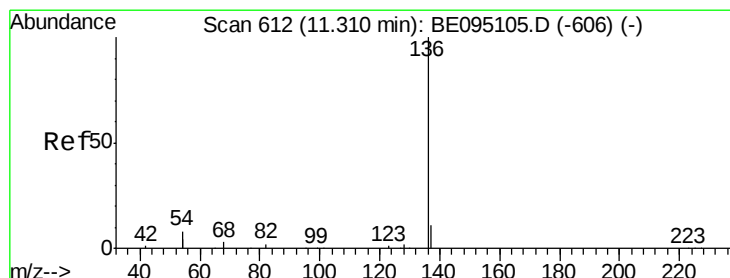
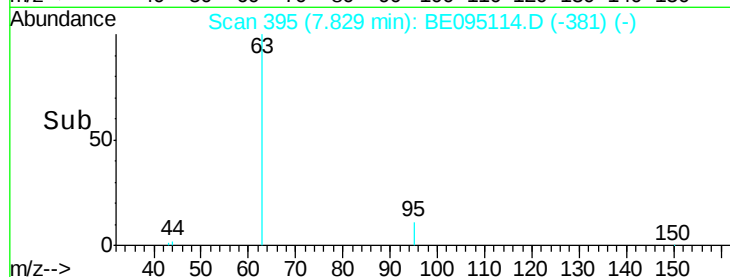
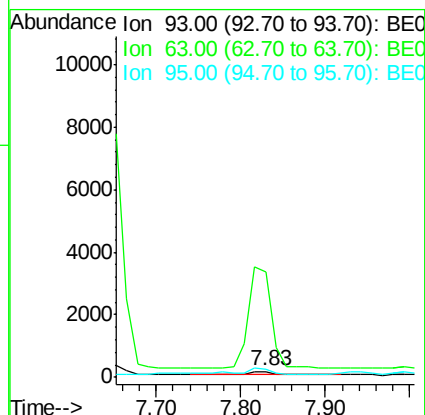
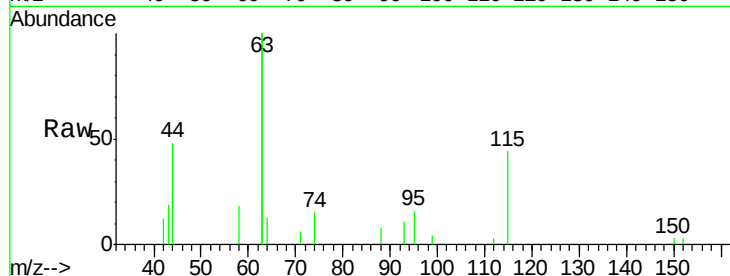
Tgt Ion: 93 Resp: 248

Ion Ratio Lower Upper

93 100

63 2444.8 275.3 412.9#

95 214.1 25.2 37.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Tgt Ion: 136 Resp: 16073

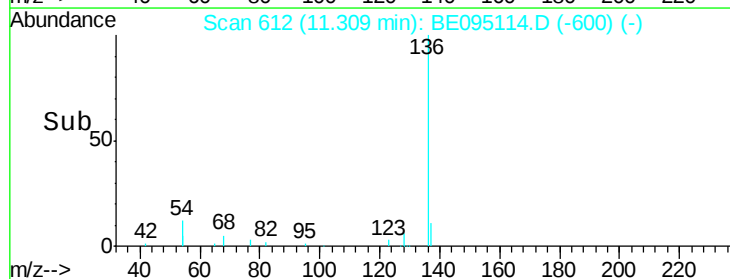
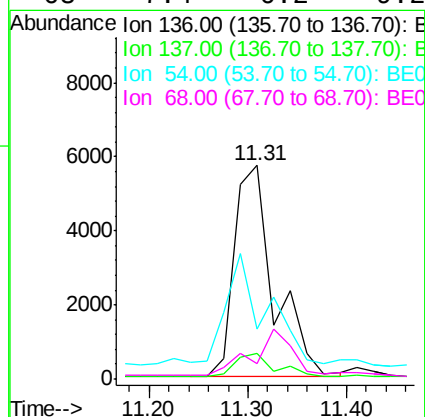
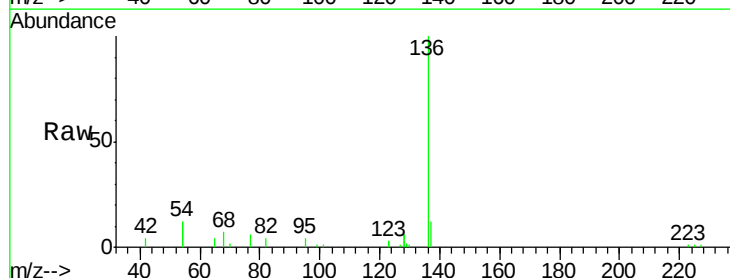
Ion Ratio Lower Upper

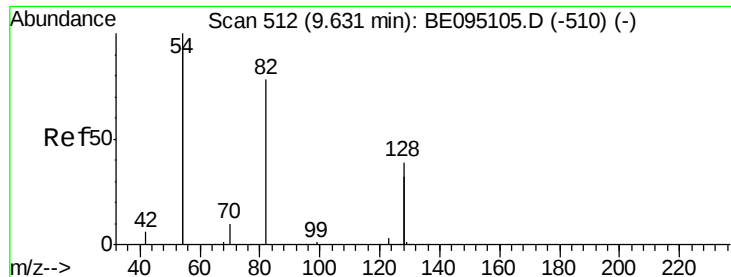
136 100

137 12.0 9.5 14.3

54 23.4 29.1 43.7#

68 7.4 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.019 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Instrument :

BNA_E

ClientSampleId :

TW-3DL

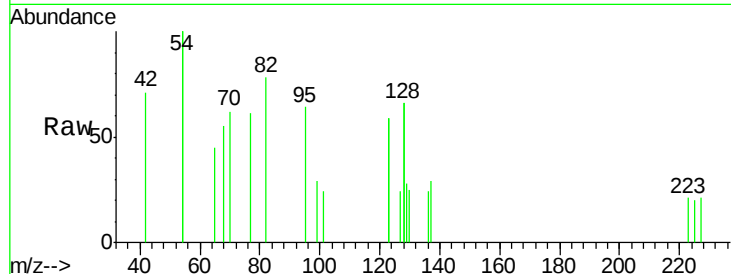
Tgt Ion: 82 Resp: 278

Ion Ratio Lower Upper

82 100

128 170.3 150.0 225.0

54 257.1 154.2 231.4#

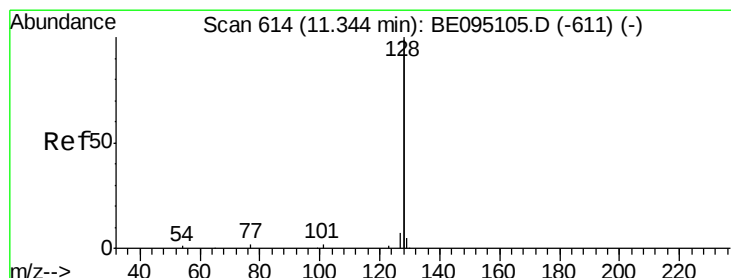
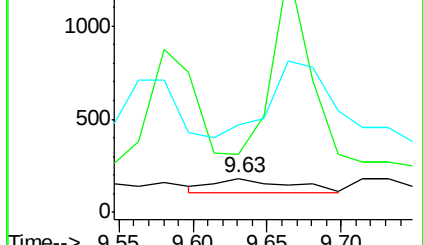
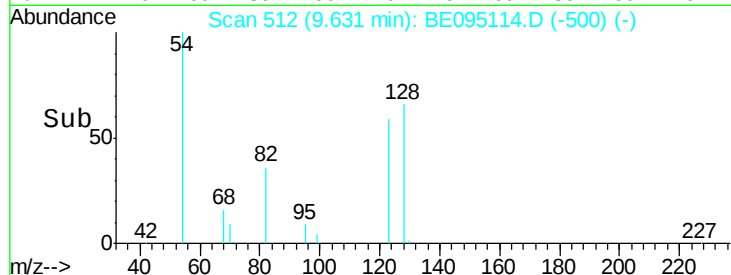


Abundance Ion 82.00 (81.70 to 82.70): BE095114.D (-500) (-)

Ion 128.00 (127.70 to 128.70): BE095114.D (-500) (-)

Ion 54.00 (53.70 to 54.70): BE095114.D (-500) (-)

Time-->



#9

Naphthalene

Concen: 1.895 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

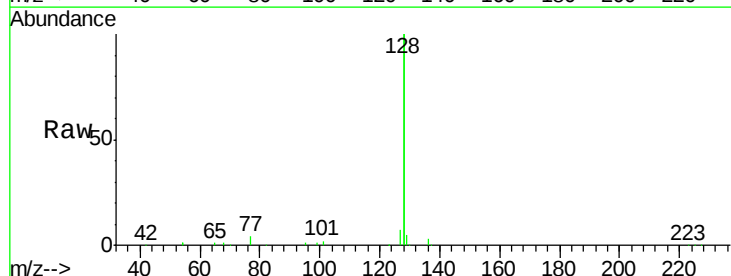
Tgt Ion: 128 Resp: 348563

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

127 3.5 2.8 4.2

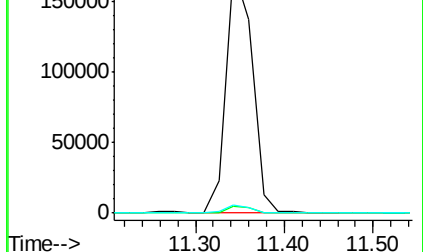
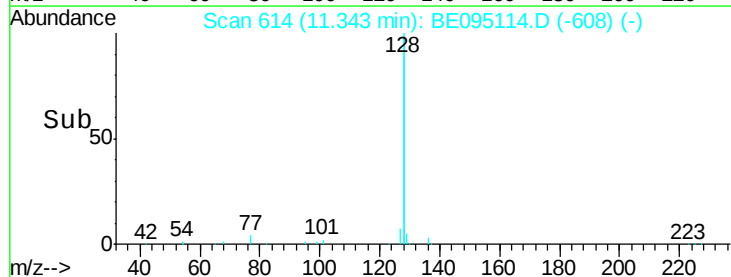


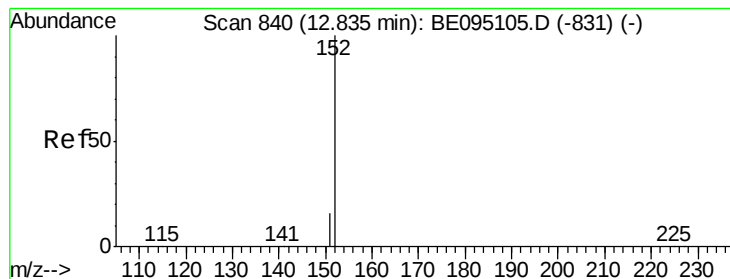
Abundance Ion 128.00 (127.70 to 128.70): BE095114.D (-608) (-)

Ion 129.00 (128.70 to 129.70): BE095114.D (-608) (-)

Ion 127.00 (126.70 to 127.70): BE095114.D (-608) (-)

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.004 ng

RT: 12.84 min Scan# 841

Delta R.T. 0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Instrument :

BNA_E

ClientSampleId :

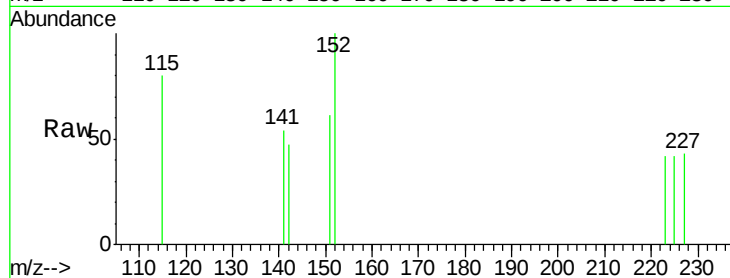
TW-3DL

Tgt Ion:152 Resp: 99

Ion Ratio Lower Upper

152 100

151 38.4 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

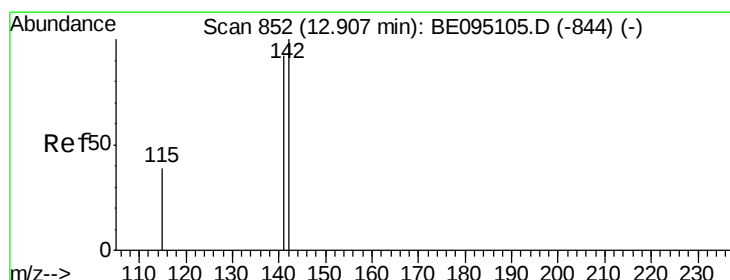
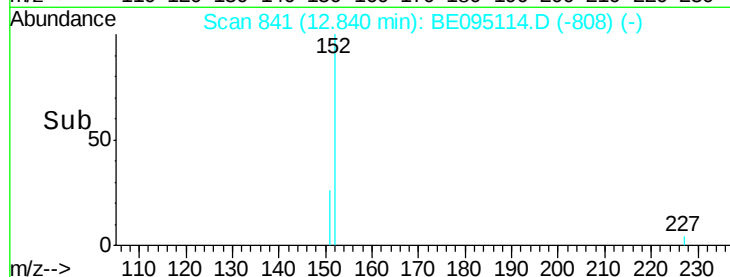
12.84

100

50

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.154 ng

RT: 12.91 min Scan# 852

Delta R.T. 0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

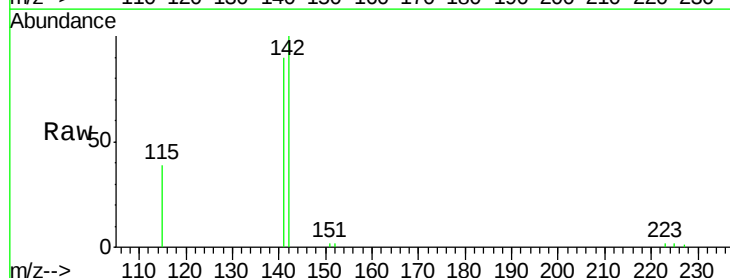
Tgt Ion:142 Resp: 4861

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6

115 38.9 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

4000

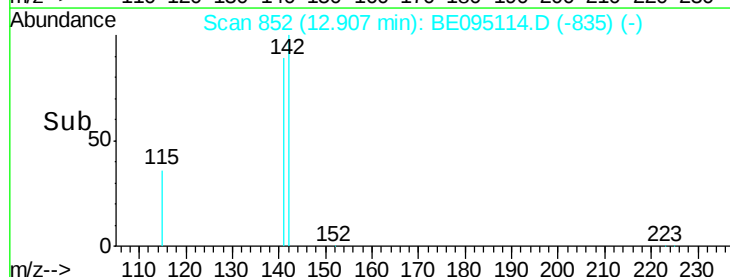
3000

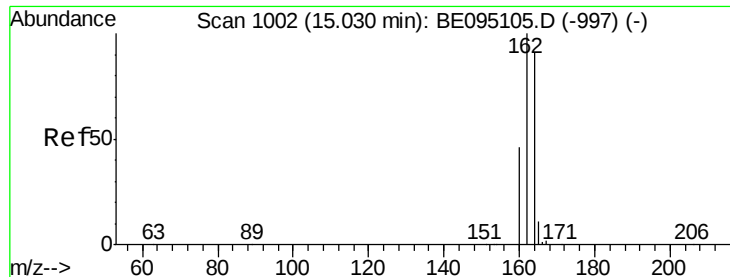
2000

1000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Instrument :

BNA_E

ClientSampleId :

TW-3DL

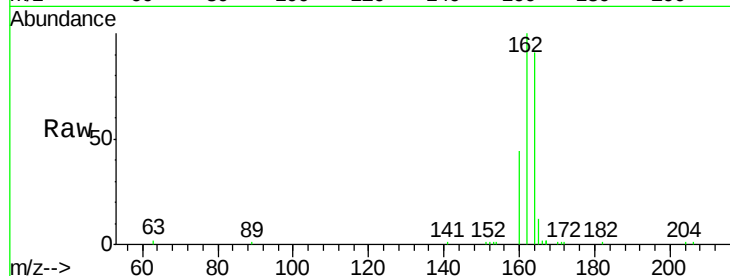
Tgt Ion:164 Resp: 7450

Ion Ratio Lower Upper

164 100

162 110.0 83.1 124.7

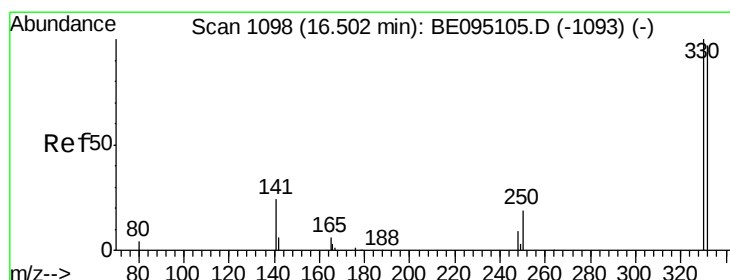
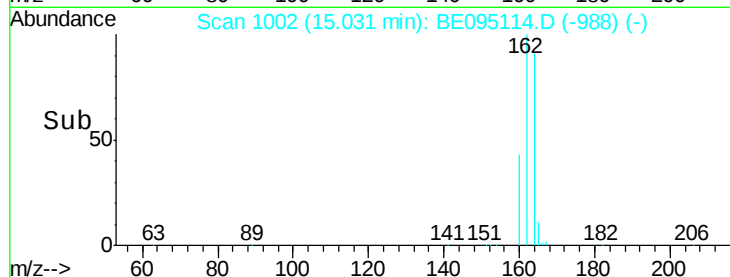
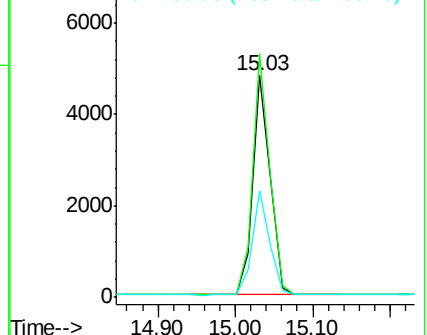
160 48.3 37.1 55.7



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: 0.109 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

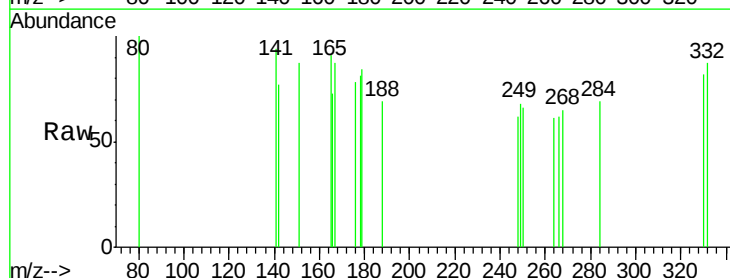
Tgt Ion:330 Resp: 30

Ion Ratio Lower Upper

330 100

332 130.0 152.7 229.1#

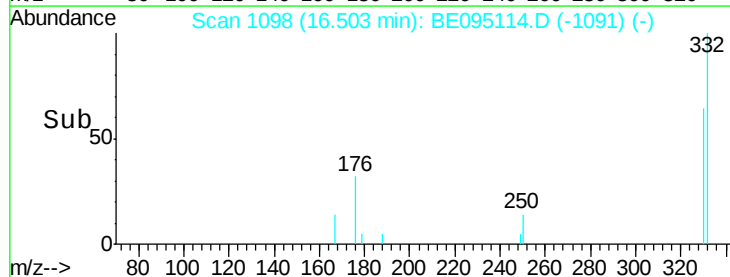
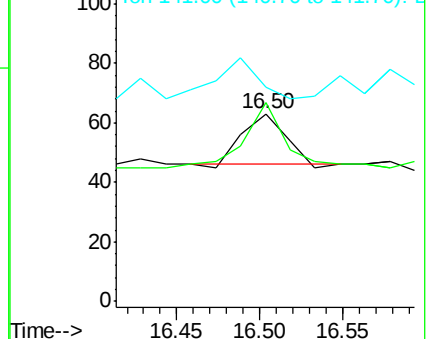
141 80.0 33.7 50.5#

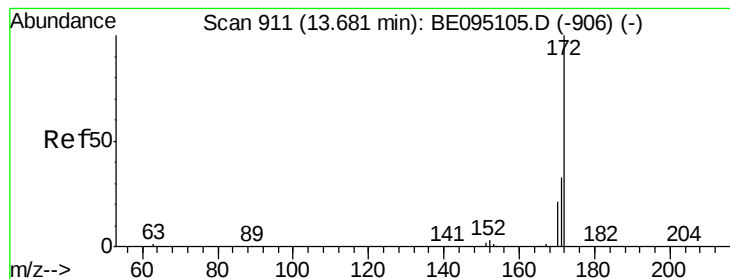


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

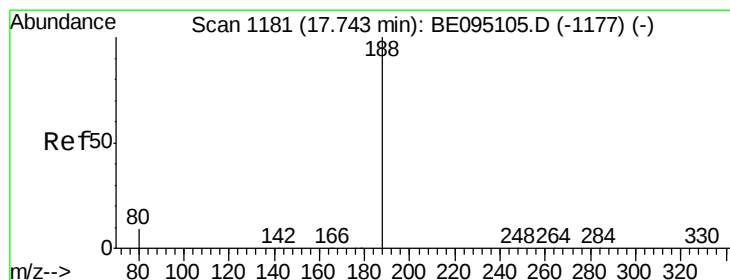
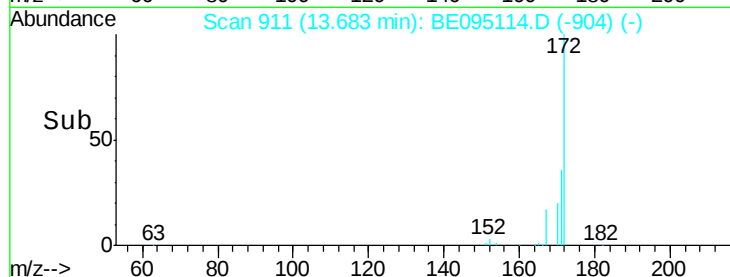
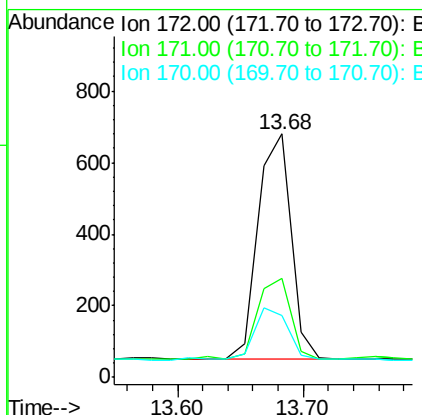
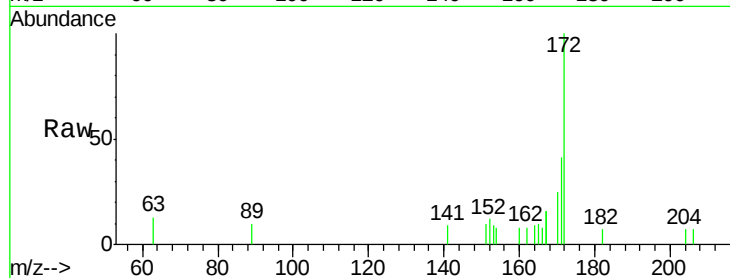




#15
2-Fluorobiphenyl
Concen: 0.035 ng
RT: 13.68 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE095114.D
Acq: 25 Jan 2018 13:39

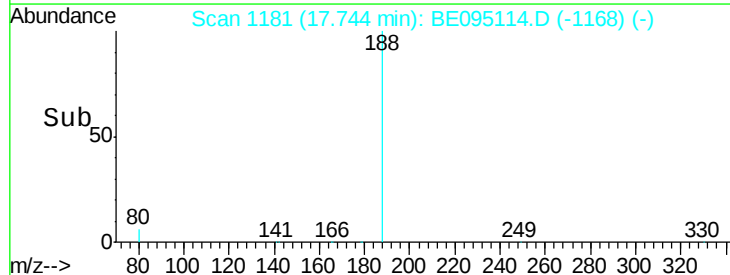
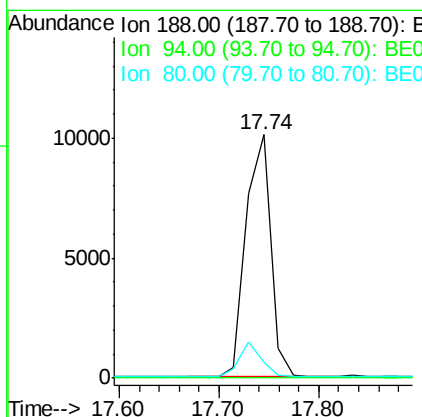
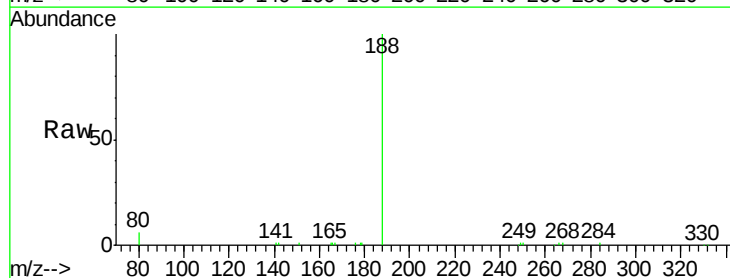
Instrument :
BNA_E
ClientSampleId :
TW-3DL

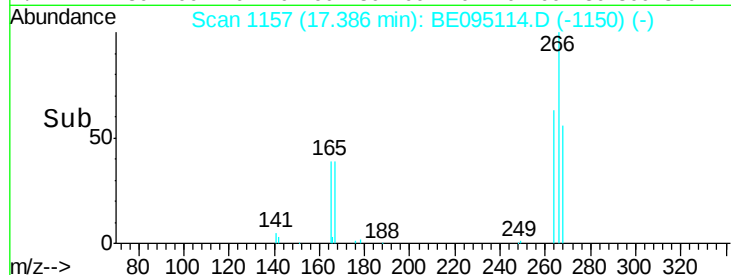
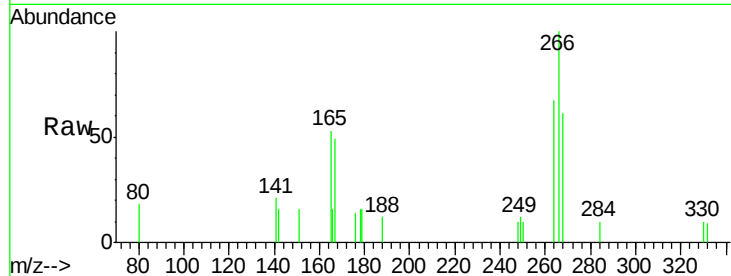
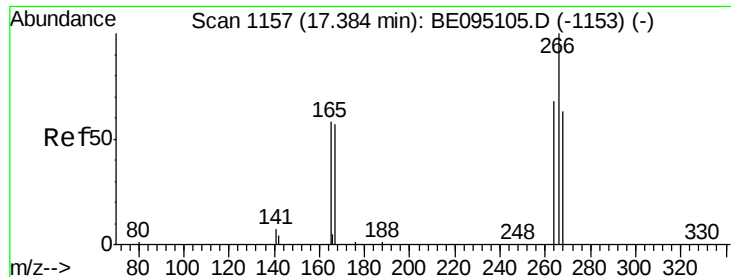
Tgt Ion:172 Resp: 1150
Ion Ratio Lower Upper
172 100
171 40.6 29.9 44.9
170 25.3 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE095114.D
Acq: 25 Jan 2018 13:39

Tgt Ion:188 Resp: 17484
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 6.5 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.349 ng

RT: 17.39 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Instrument :

BNA_E

ClientSampleId :

TW-3DL

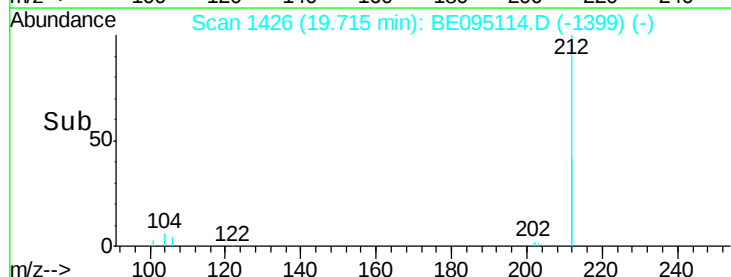
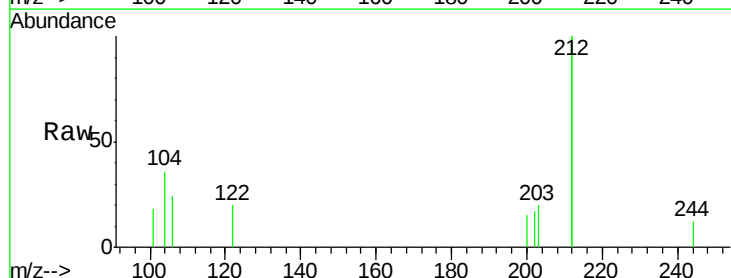
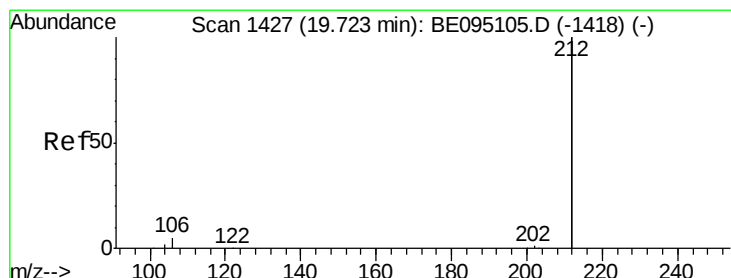
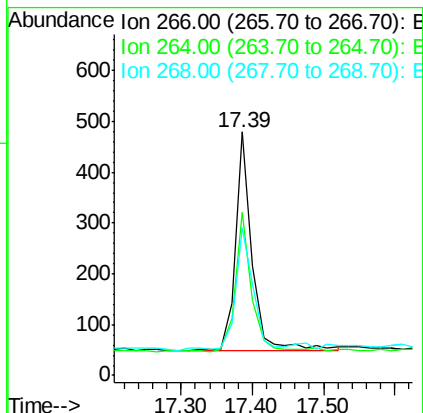
Tgt Ion:266 Resp: 690

Ion Ratio Lower Upper

266 100

264 66.8 72.5 108.7#

268 60.5 73.8 110.6#



#25

Fluoranthene-d10

Concen: 0.004 ng

RT: 19.71 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

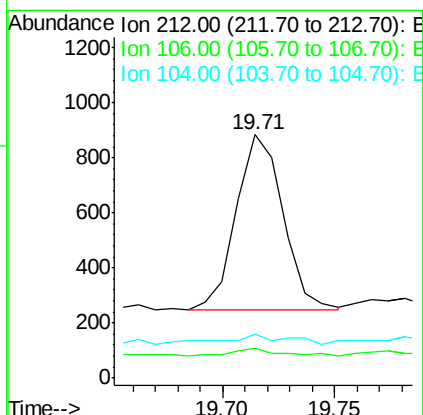
Tgt Ion:212 Resp: 928

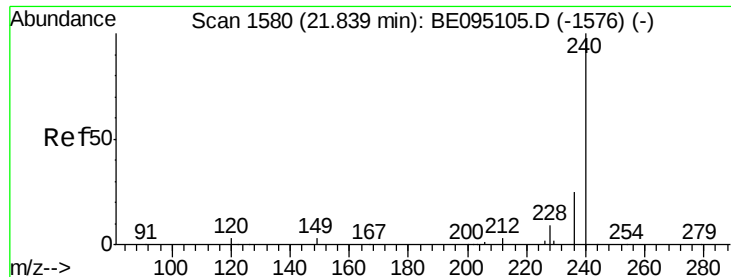
Ion Ratio Lower Upper

212 100

106 4.7 2.8 4.2#

104 8.6 1.6 2.4#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Instrument :

BNA_E

ClientSampleId :

TW-3DL

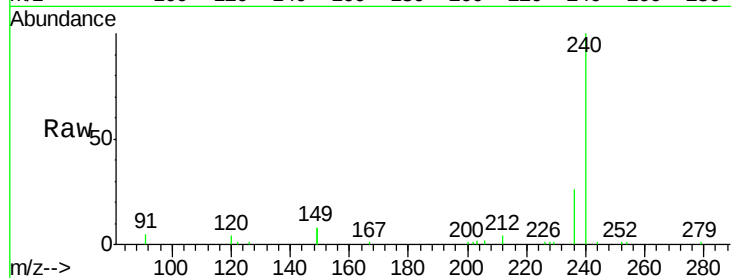
Tgt Ion:240 Resp: 16703

Ion Ratio Lower Upper

240 100

120 3.8 5.5 8.3#

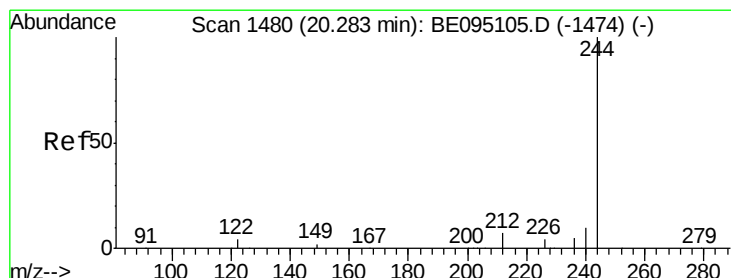
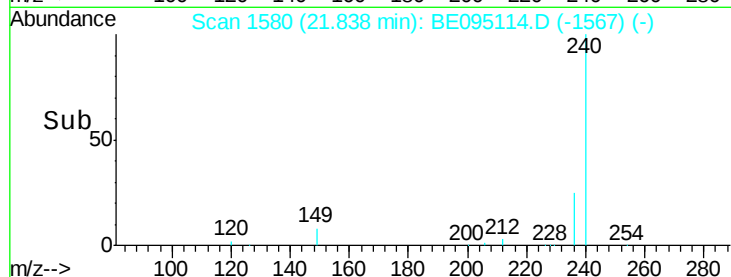
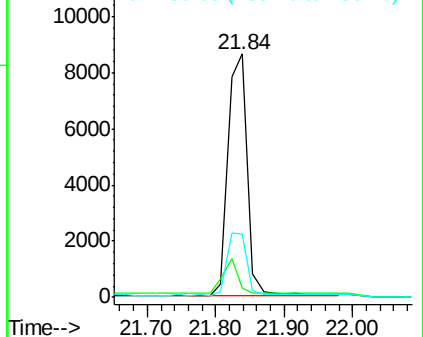
236 25.9 20.7 31.1



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: 0.212 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

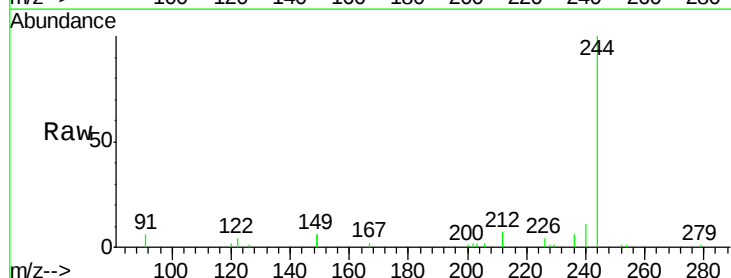
Tgt Ion:244 Resp: 7241

Ion Ratio Lower Upper

244 100

212 6.6 25.4 38.0#

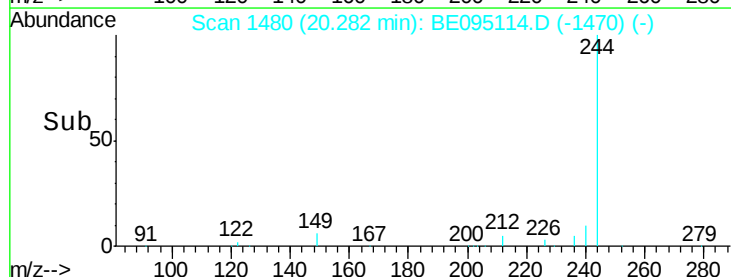
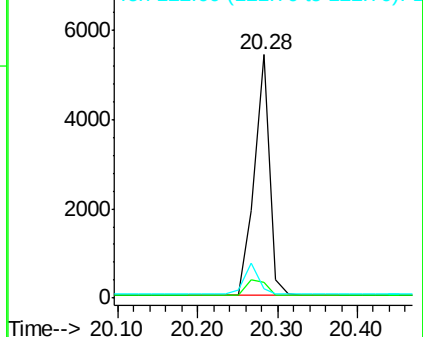
122 3.9 8.1 12.1#

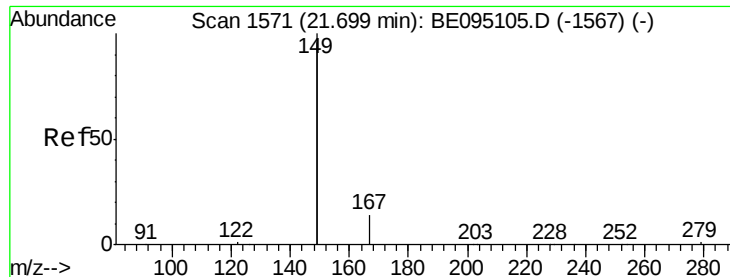


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

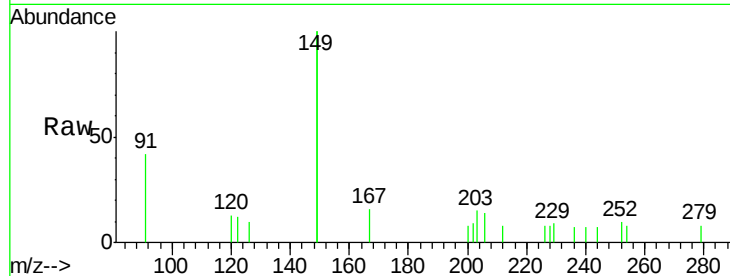




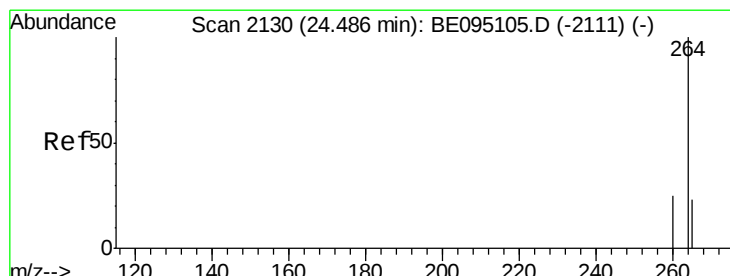
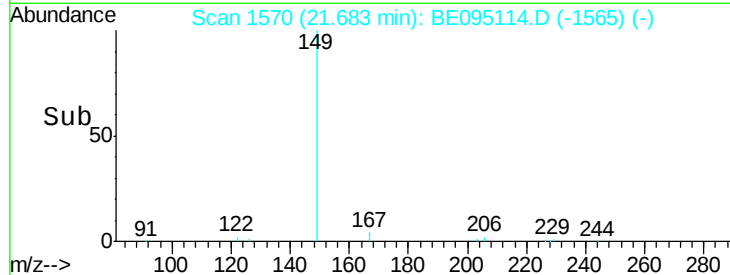
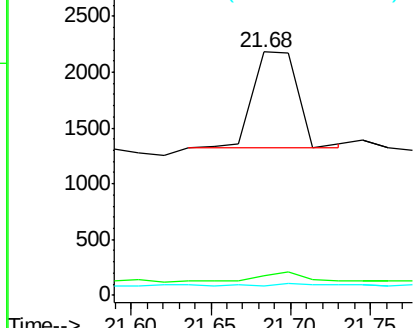
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.023 ng
 RT: 21.68 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BE095114.D
 Acq: 25 Jan 2018 13:39

Instrument :
 BNA_E
 ClientSampleID :
 TW-3DL

Tgt Ion:149 Resp: 1694
 Ion Ratio Lower Upper
 149 100
 167 9.0 5.4 8.0#
 279 3.6 0.7 1.1#

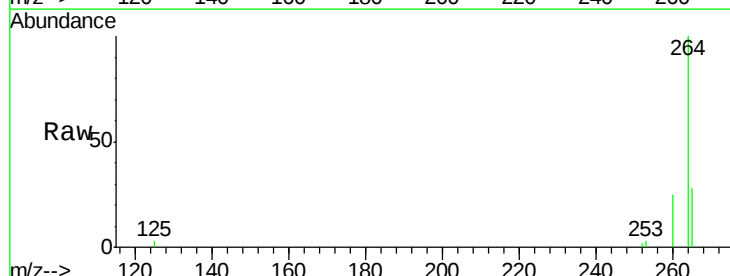


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.48 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BE095114.D
 Acq: 25 Jan 2018 13:39

Tgt Ion:264 Resp: 15526
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 27.9 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

