

Data Path : Z:\HPCHEM1\BNA E\Data\BE021318\
 Data File : BE095657.D
 Acq On : 12 Feb 2018 12:31
 Operator : SJ/JU
 Sample : J1486-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 13 09:15:47 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

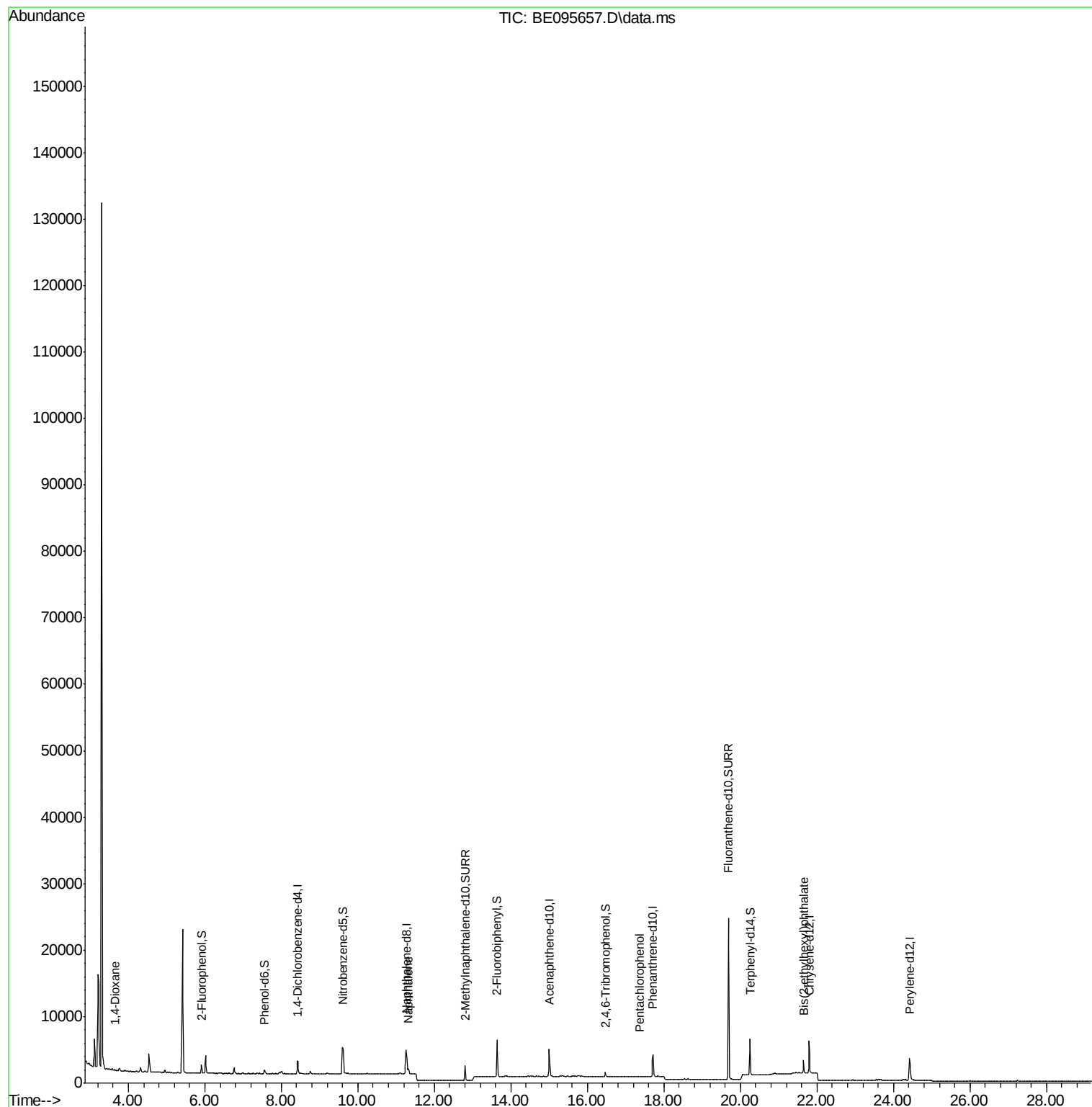
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.434	152	1052	0.40	ng	0.00
7) Naphthalene-d8	11.277	136	4112	0.40	ng	0.00
13) Acenaphthene-d10	15.001	164	2374	0.40	ng	0.00
19) Phenanthrene-d10	17.713	188	5263	0.40	ng	0.00
27) Chrysene-d12	21.793	240	5565	0.40	ng	0.00
34) Perylene-d12	24.426	264	5232	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.916	112	634	0.20	ng	0.00
5) Phenol-d6	7.552	99	544	0.12	ng	-0.01
8) Nitrobenzene-d5	9.615	82	1898	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.803	152	3063	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.472	330	414	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.638	172	5574	0.54	ng	-0.02
25) Fluoranthene-d10	19.686	212	31294	0.45	ng	0.00
29) Terphenyl-d14	20.252	244	6447	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.650	88	66	0.04	ng	# 1
9) Naphthalene	11.310	128	1446	0.03	ng	# 86
22) Pentachlorophenol	17.369	266	24	0.18	ng	98
32) Bis(2-ethylhexyl)phtha...	21.653	149	2411	0.06	ng	99

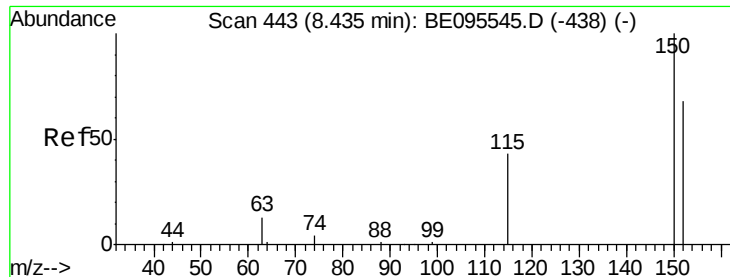
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.434 min Scan# 44

Delta R.T. -0.000 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

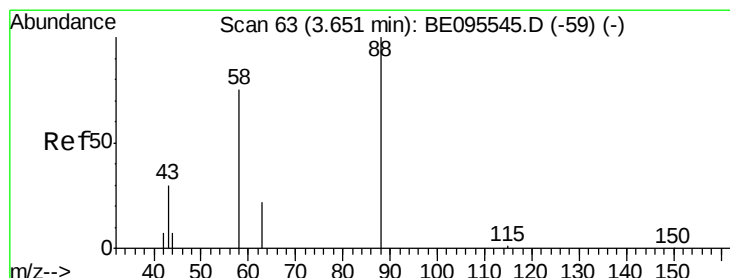
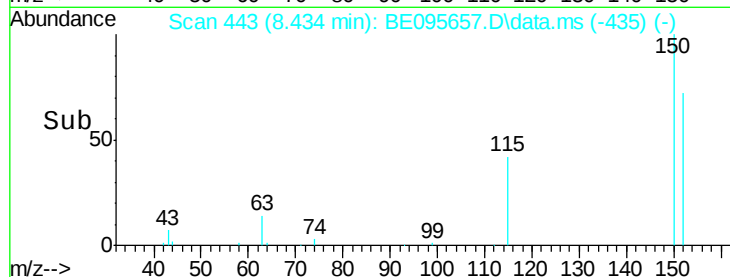
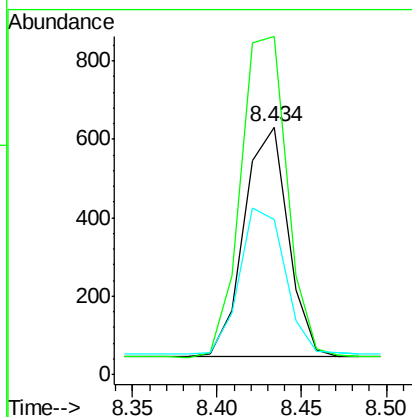
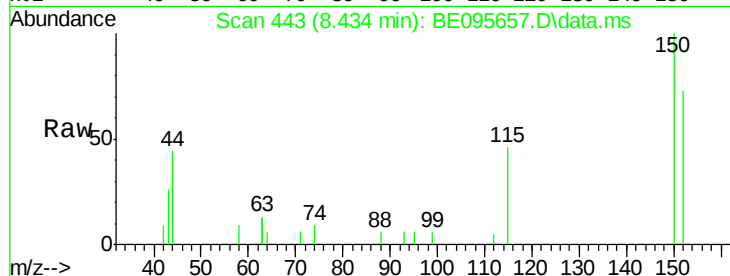
Tot Ion:152 Resp: 1052

Ion Ratio Lower Upper

152 100

150 136.6 117.2 175.8

115 62.4 57.0 85.6



#2

1,4-Dioxane

Concen: 0.04 ng

RT: 3.650 min Scan# 63

Delta R.T. -0.000 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

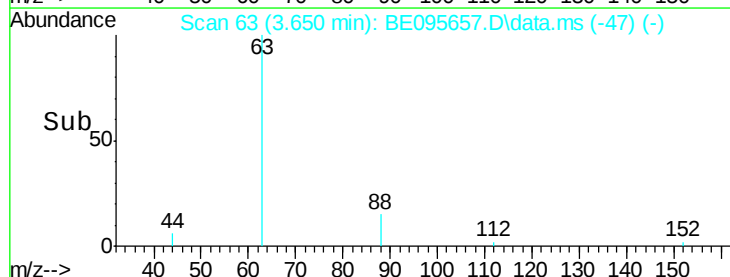
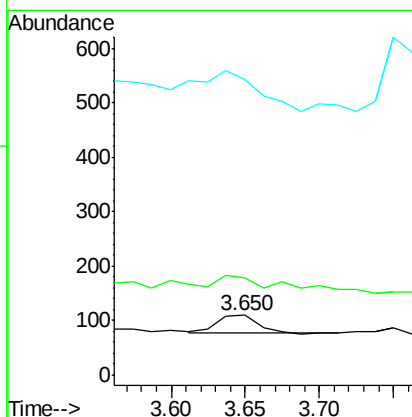
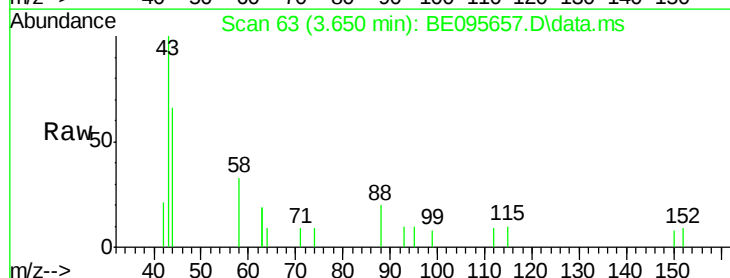
Tgt Ion: 88 Resp: 66

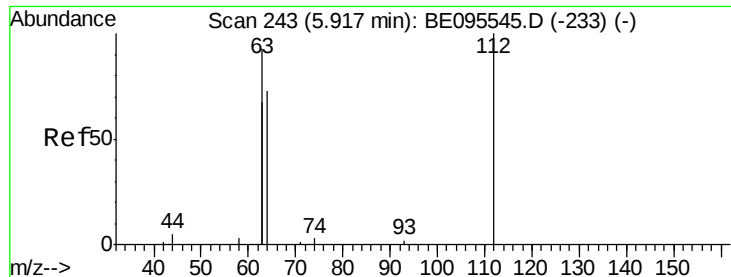
Ion Ratio Lower Upper

88 100

58 153.0 63.2 94.8#

43 339.4 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.20 ng

RT: 5.916 min Scan# 24

Delta R.T. -0.000 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

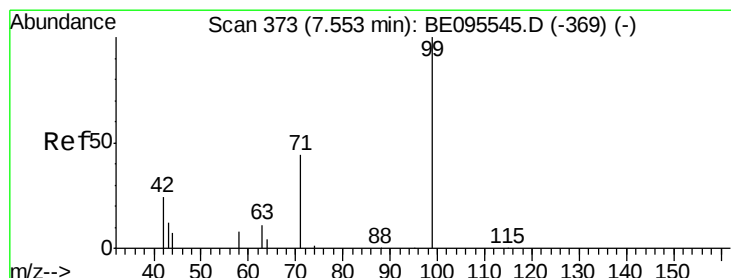
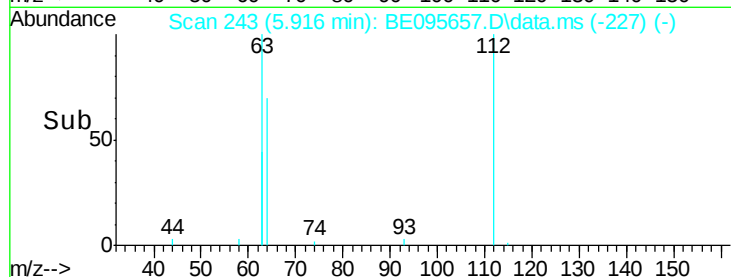
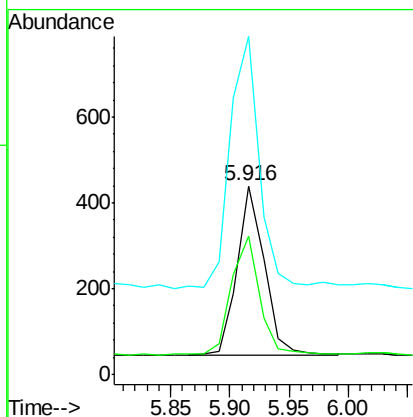
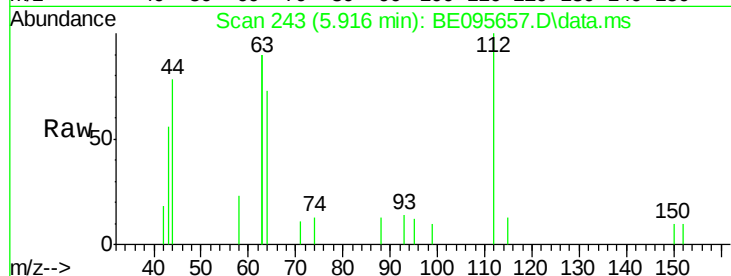
Tot Ion:112 Resp: 634

Ion Ratio Lower Upper

112 100

64 72.6 60.1 90.1

63 158.2 116.8 175.2



#5

Phenol-d6

Concen: 0.12 ng

RT: 7.552 min Scan# 373

Delta R.T. -0.013 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

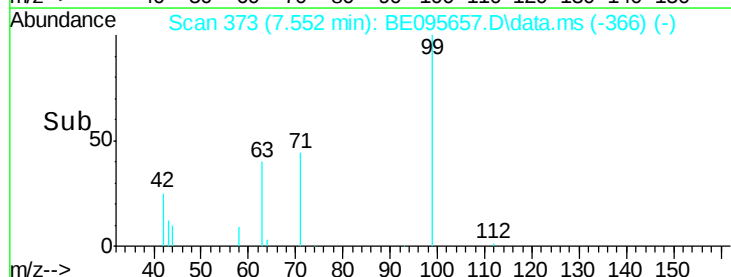
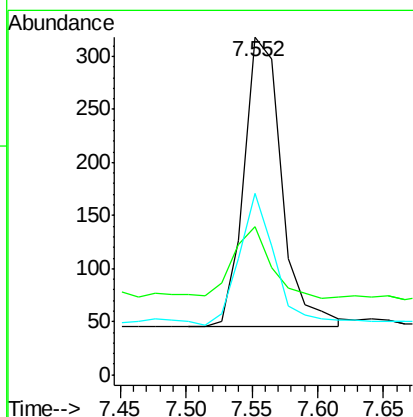
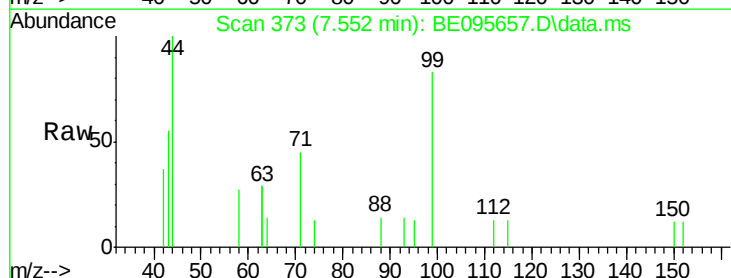
Tgt Ion: 99 Resp: 544

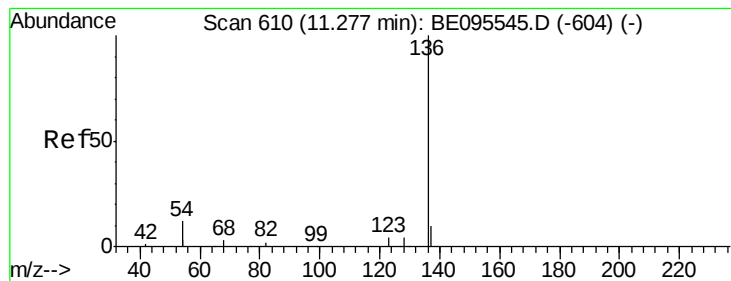
Ion Ratio Lower Upper

99 100

42 25.2 20.2 30.2

71 43.0 28.4 42.6#





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.277 min Scan# 61

Delta R.T. 0.000 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4112

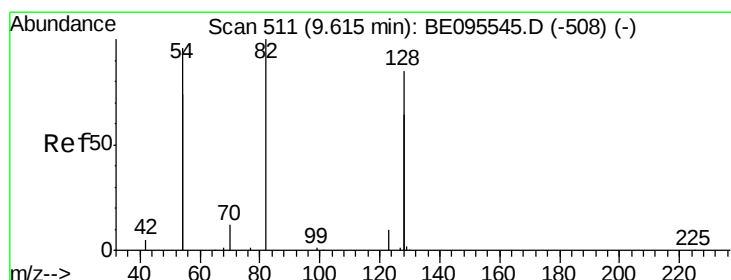
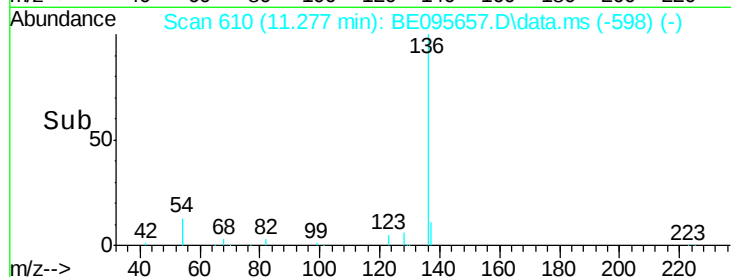
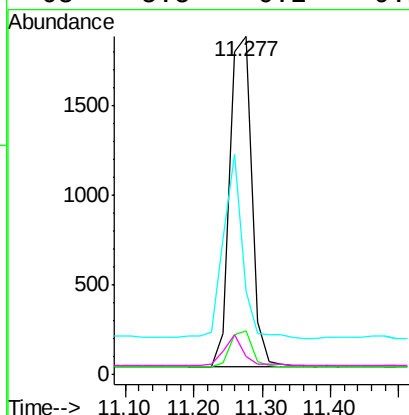
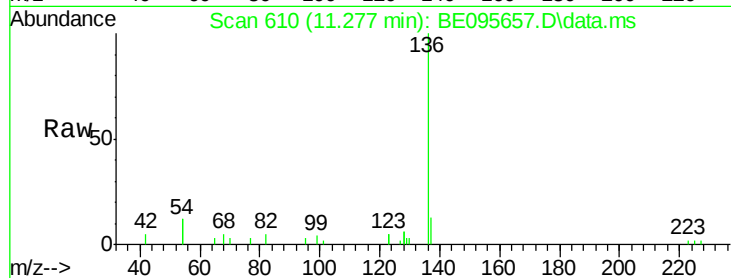
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 24.5 29.1 43.7#

68 5.5 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.44 ng

RT: 9.615 min Scan# 511

Delta R.T. 0.000 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

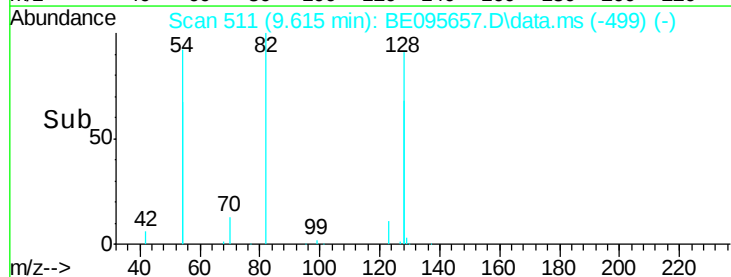
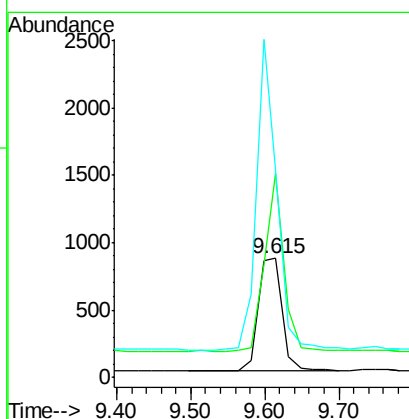
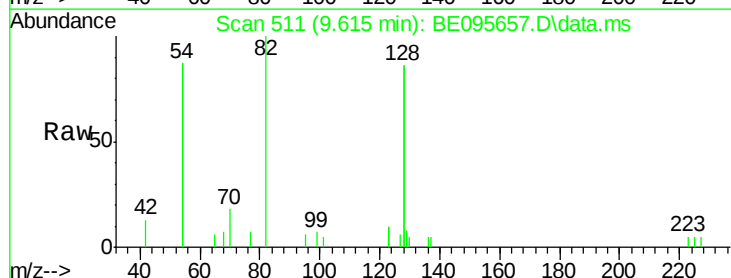
Tgt Ion: 82 Resp: 1898

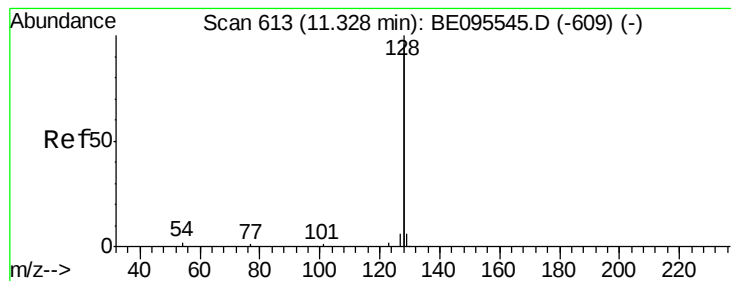
Ion Ratio Lower Upper

82 100

128 171.4 150.0 225.0

54 174.4 154.2 231.4





#9

Naphthalene

Concen: 0.03 ng

RT: 11.310 min Scan# 61

Delta R.T. -0.017 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

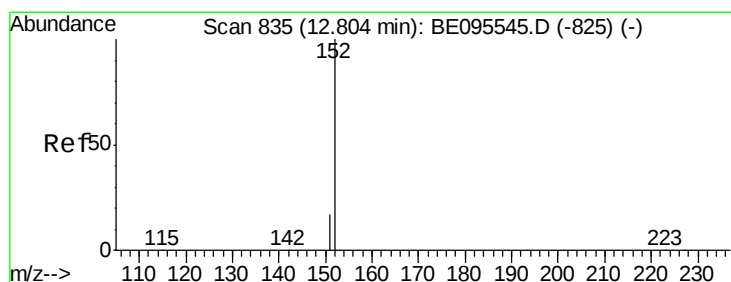
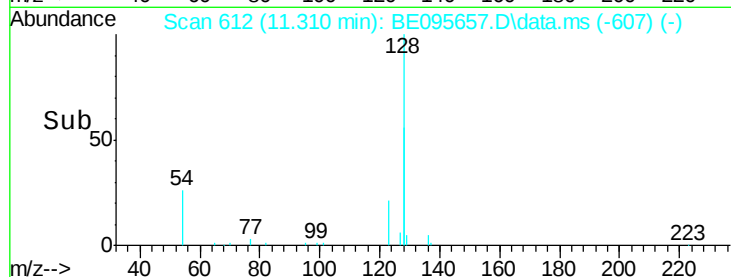
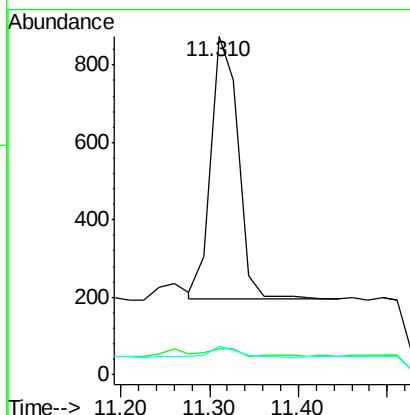
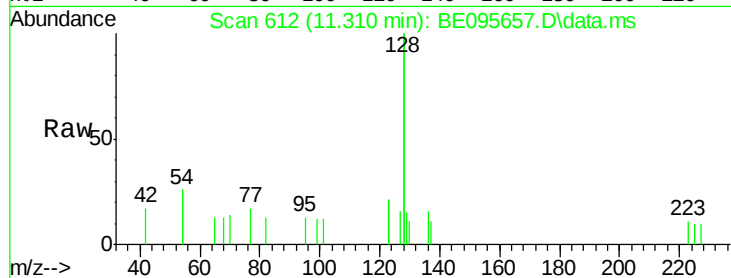
Tot Ion:128 Resp: 1446

Ion Ratio Lower Upper

128 100

129 7.7 2.6 3.8#

127 8.2 2.8 4.2#



#11

2-Methylnaphthalene-d10

Concen: 0.45 ng

RT: 12.803 min Scan# 835

Delta R.T. -0.001 min

Lab File: BE095657.D

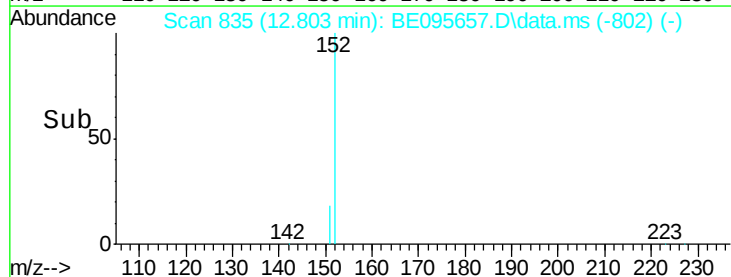
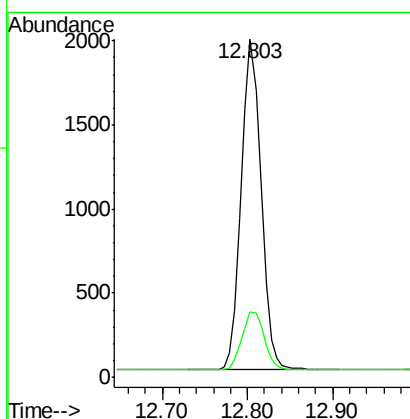
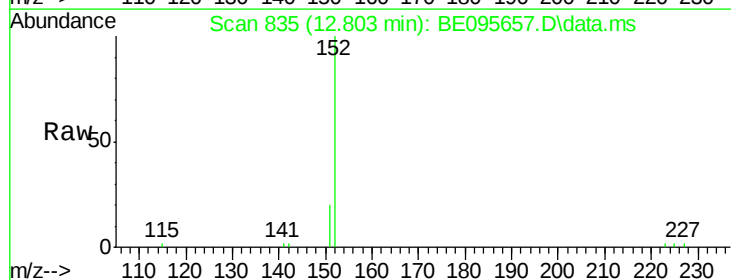
Acq: 12 Feb 2018 12:31

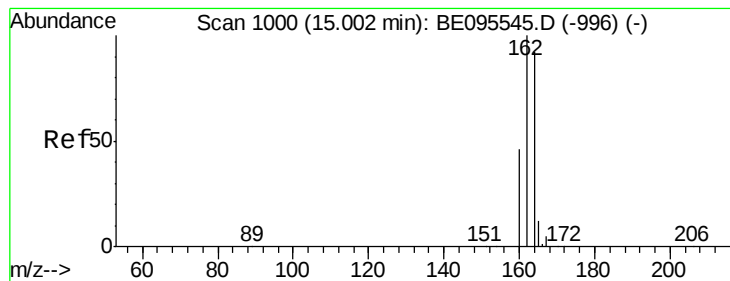
Tgt Ion:152 Resp: 3063

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.0





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.001 min Scan# 10

Delta R.T. -0.001 min

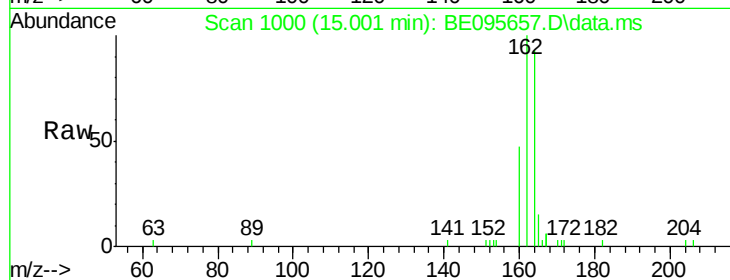
Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :



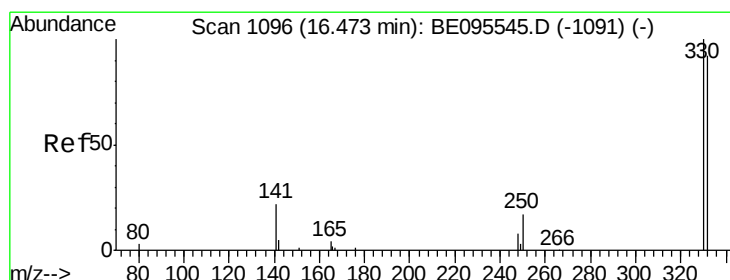
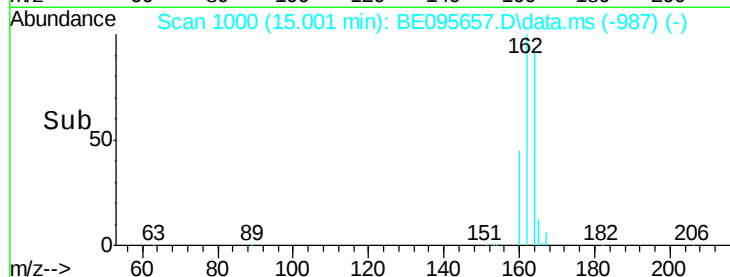
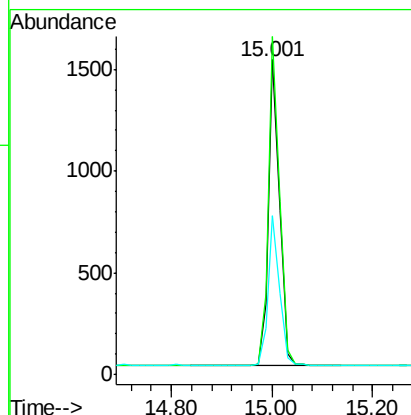
Tot Ion:164 Resp: 2374

Ion Ratio Lower Upper

164 100

162 107.5 83.1 124.7

160 50.4 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 0.38 ng

RT: 16.472 min Scan# 1096

Delta R.T. 0.001 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

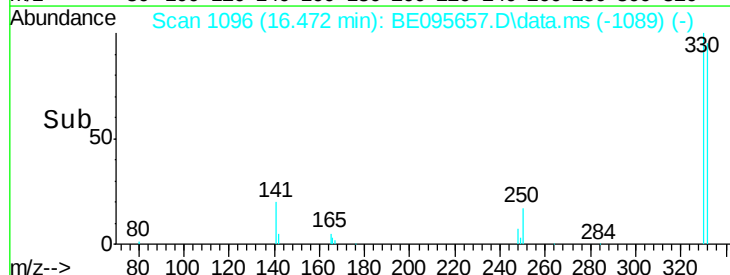
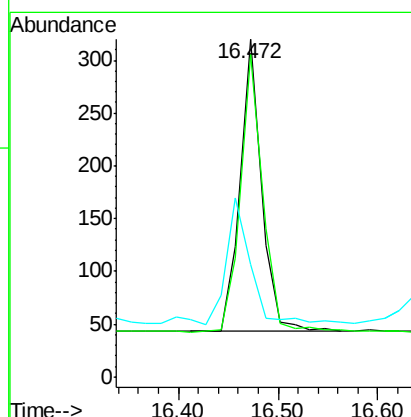
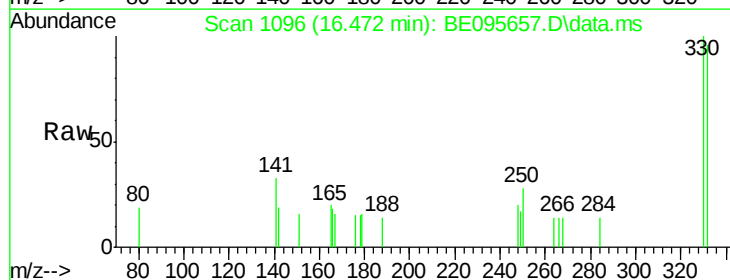
Tgt Ion:330 Resp: 414

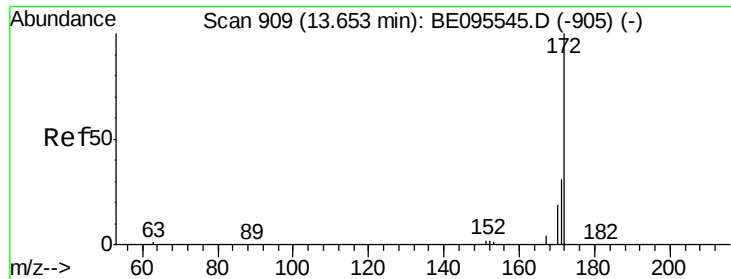
Ion Ratio Lower Upper

330 100

332 100.7 152.7 229.1#

141 46.9 33.7 50.5

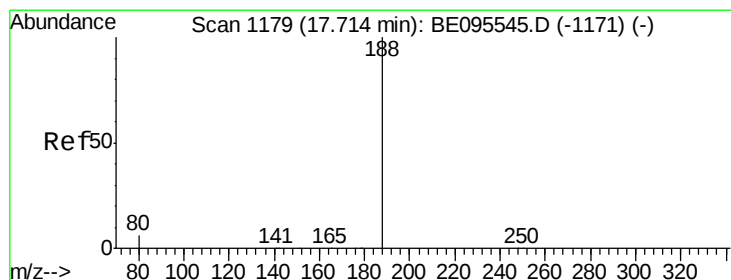
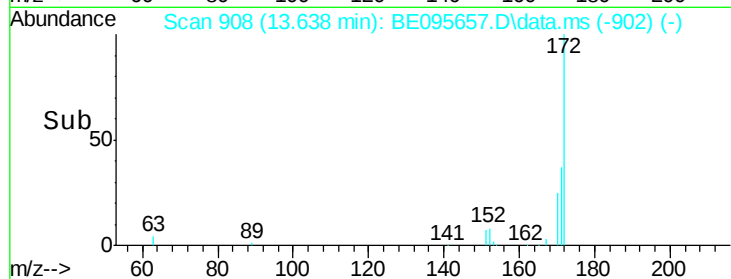
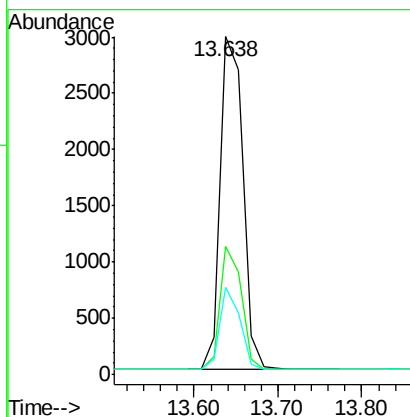
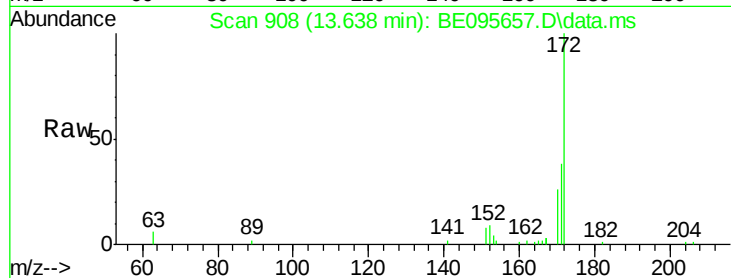




#15
2-Fluorobiphenyl
Concen: 0.54 ng
RT: 13.638 min Scan# 909
Delta R.T. -0.016 min
Lab File: BE095657.D
Acq: 12 Feb 2018 12:31

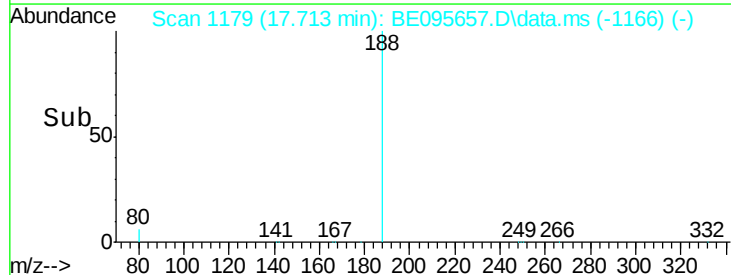
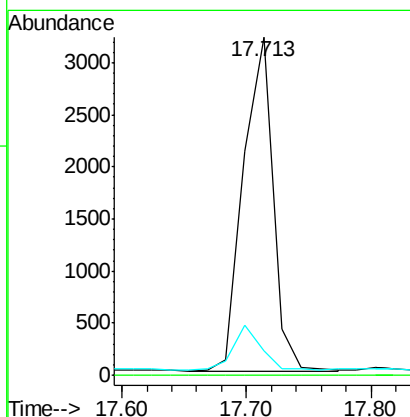
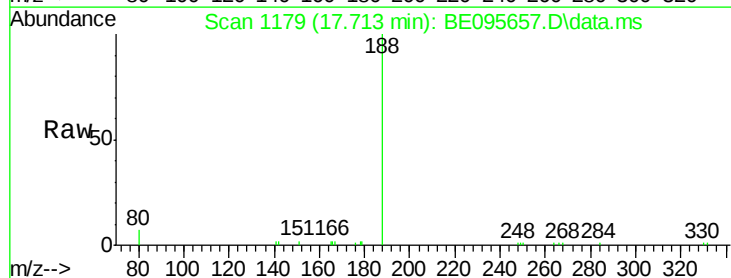
Instrument :
BNA_E
ClientSampleId :

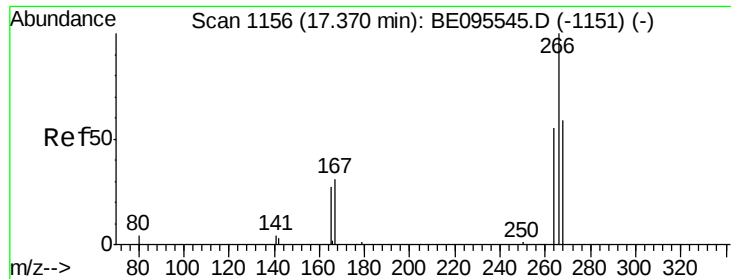
Tot Ion:172 Resp: 5574
Ion Ratio Lower Upper
172 100
171 38.0 29.9 44.9
170 26.0 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.713 min Scan# 1179
Delta R.T. 0.001 min
Lab File: BE095657.D
Acq: 12 Feb 2018 12:31

Tgt Ion:188 Resp: 5263
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 7.2 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.18 ng

RT: 17.369 min Scan# 1156

Delta R.T. 0.001 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

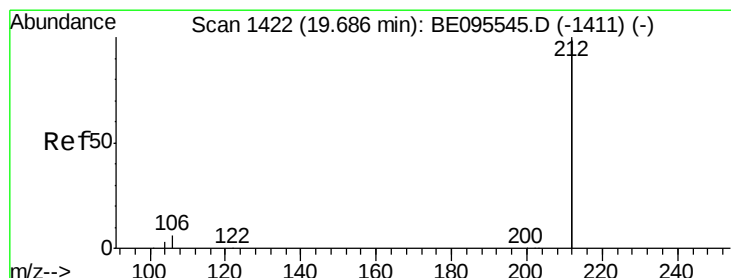
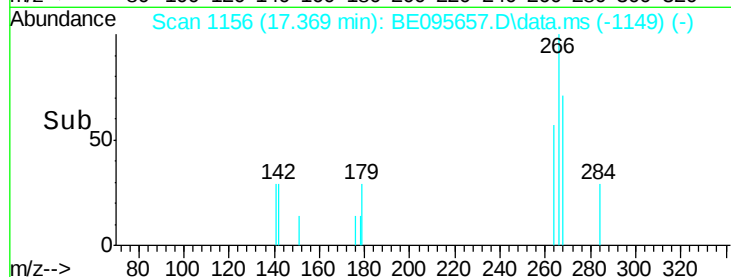
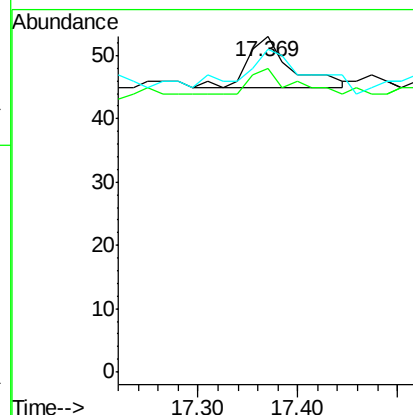
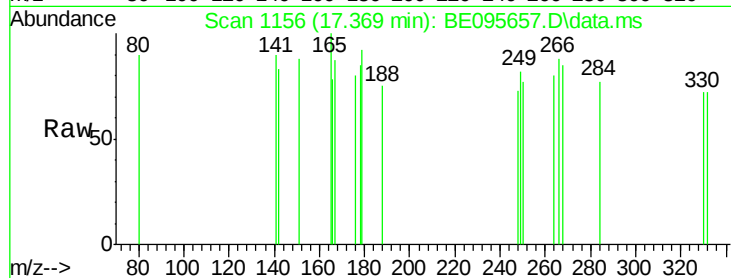
Tot Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 90.6 72.5 108.7

268 96.2 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.45 ng

RT: 19.686 min Scan# 1422

Delta R.T. 0.000 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

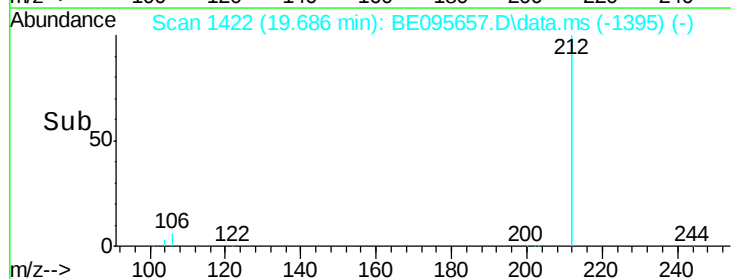
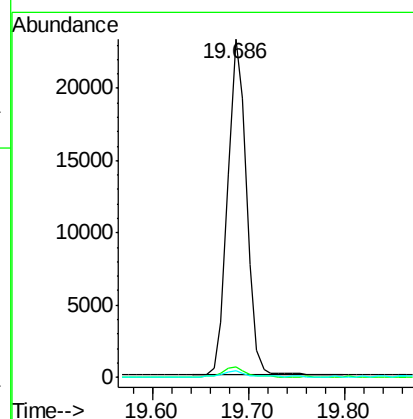
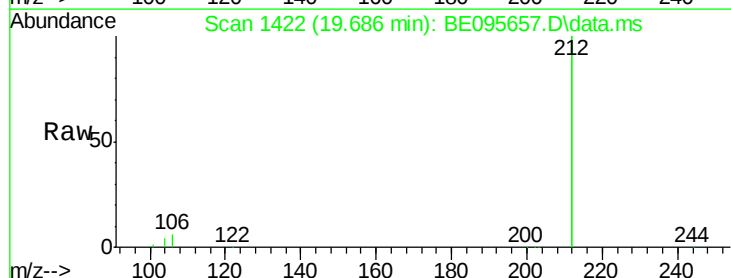
Tgt Ion:212 Resp: 31294

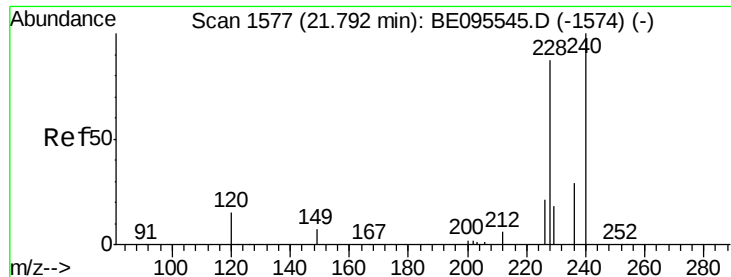
Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

104 1.8 1.6 2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.793 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

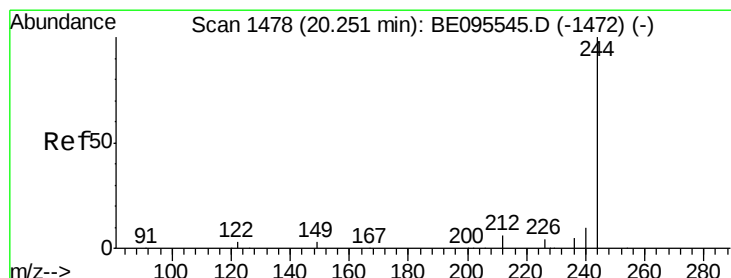
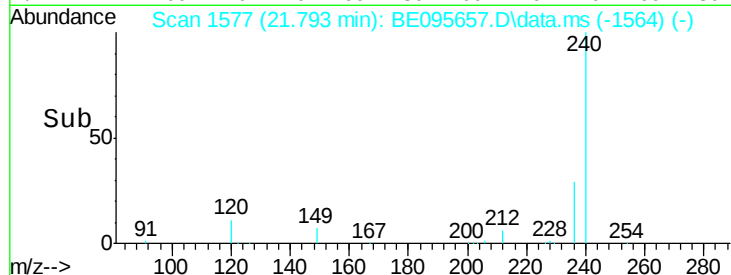
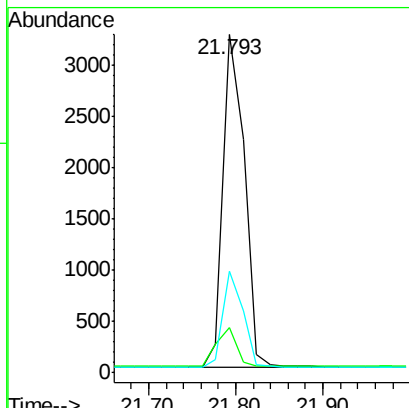
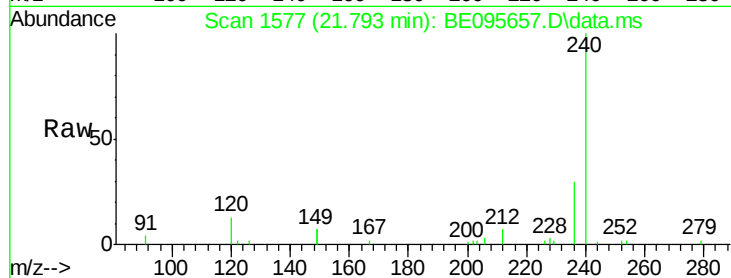
Tot Ion:240 Resp: 5565

Ion Ratio Lower Upper

240 100

120 13.3 5.5 8.3#

236 30.1 20.7 31.1



#29

Terphenyl-d14

Concen: 0.54 ng

RT: 20.252 min Scan# 1478

Delta R.T. 0.000 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

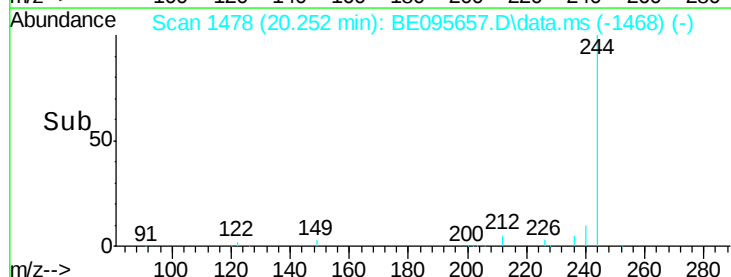
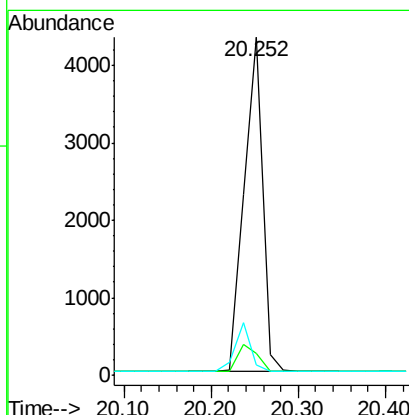
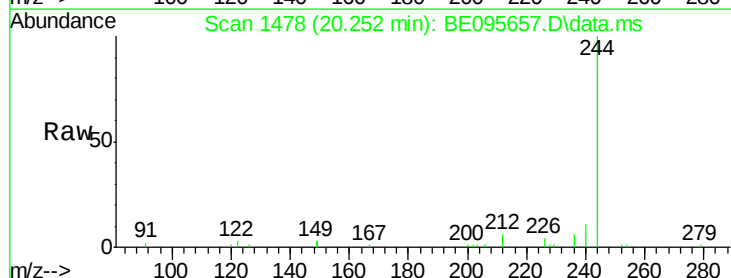
Tgt Ion:244 Resp: 6447

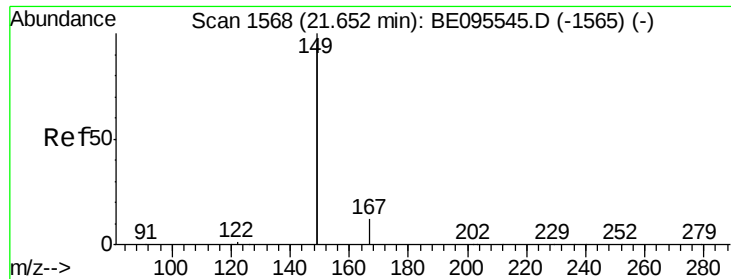
Ion Ratio Lower Upper

244 100

212 6.5 25.4 38.0#

122 3.0 8.1 12.1#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.06 ng

RT: 21.653 min Scan# 15

Delta R.T. 0.000 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Instrument :

BNA_E

ClientSampleId :

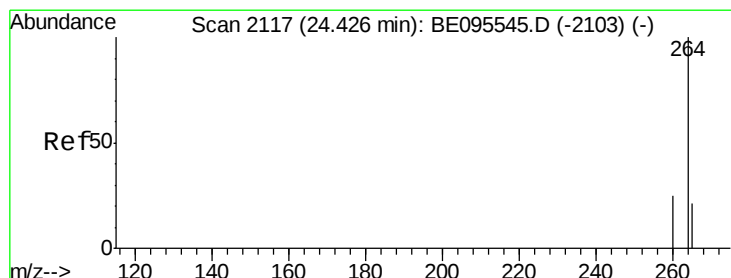
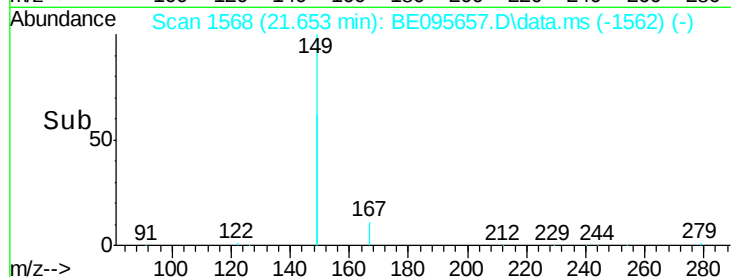
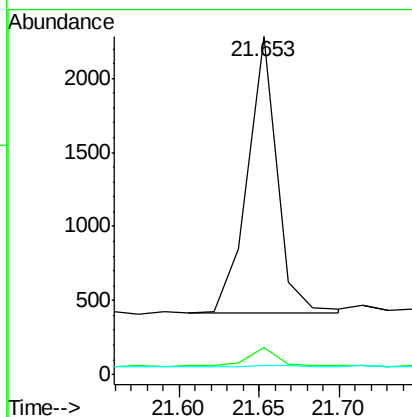
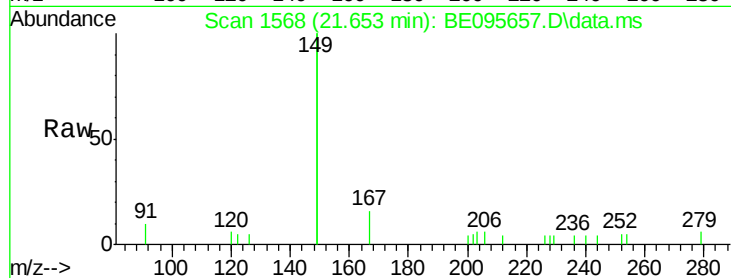
Tot Ion:149 Resp: 2411

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

279 1.0 0.7 1.1



#34

Perylene-d12

Concen: 0.40 ng

RT: 24.426 min Scan# 2117

Delta R.T. -0.001 min

Lab File: BE095657.D

Acq: 12 Feb 2018 12:31

Tgt Ion:264 Resp: 5232

Ion Ratio Lower Upper

264 100

260 27.8 20.5 30.7

265 27.9 22.8 34.2

