

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
 Data File : BE095659.D
 Acq On : 12 Feb 2018 13:42
 Operator : SJ/JU
 Sample : J1474-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 13 03:24:15 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

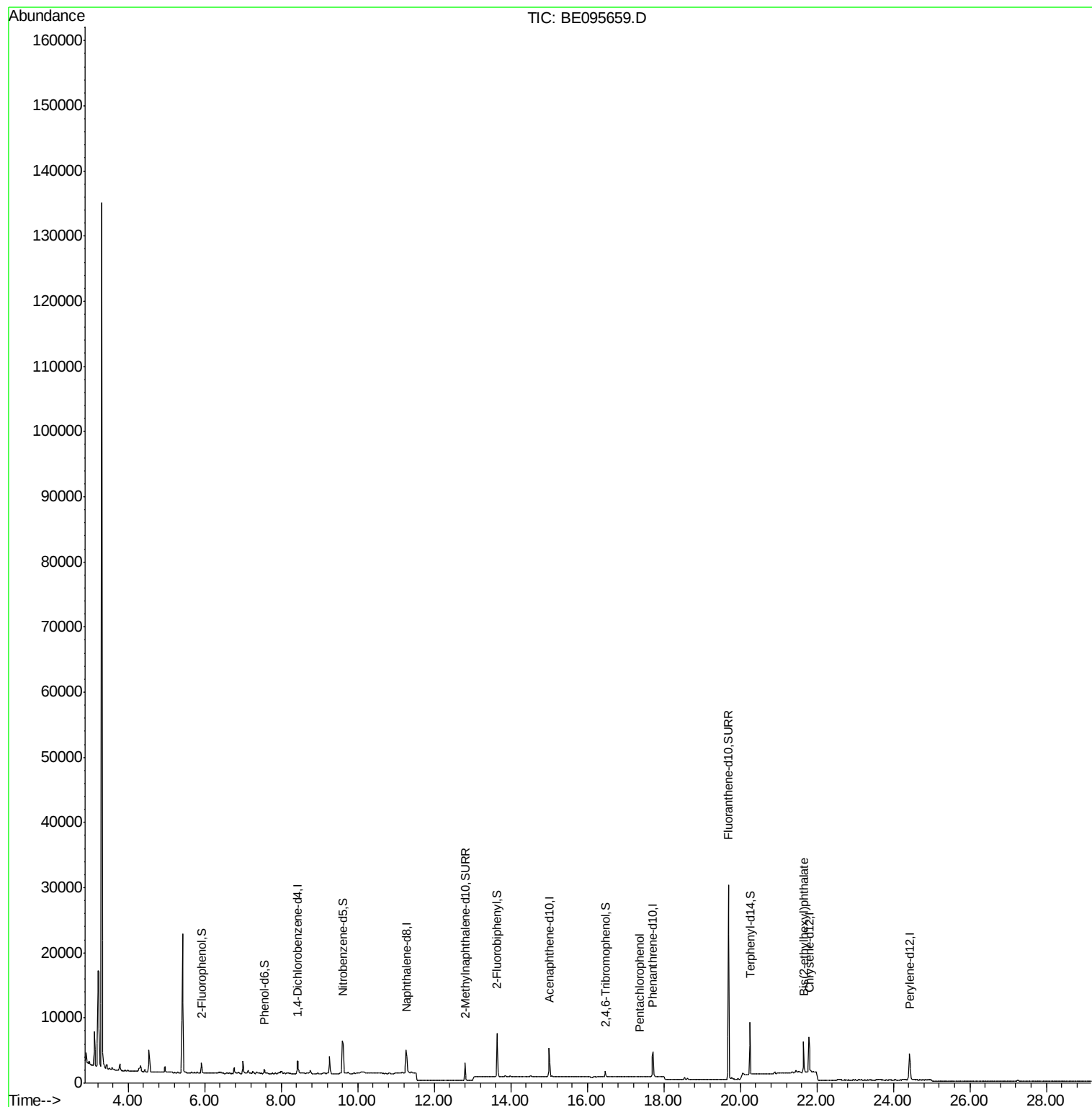
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1096	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4362	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2475	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6067	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6454	0.40	ng	0.00
34) Perylene-d12	24.43	264	6436	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	753	0.23	ng	0.00
5) Phenol-d6	7.55	99	619	0.14	ng	-0.01
8) Nitrobenzene-d5	9.60	82	2307	0.50	ng	-0.02
11) 2-Methylnaphthalene-d10	12.80	152	3611	0.50	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	519	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6894	0.65	ng	-0.02
25) Fluoranthene-d10	19.69	212	37916	0.47	ng	0.00
29) Terphenyl-d14	20.25	244	8468	0.62	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	17.37	266	10	0.17	ng	96
32) Bis(2-ethylhexyl)phthalate	21.65	149	5698	0.11	ng	# 100

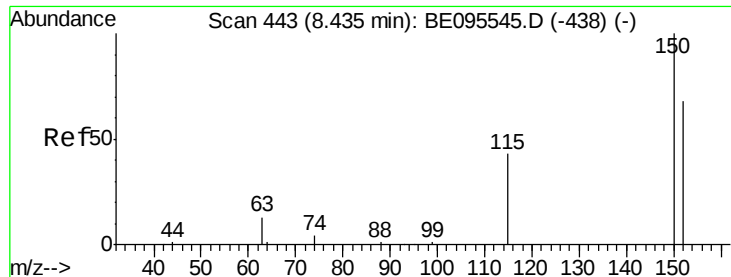
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.43 min Scan# 443

Delta R.T. 0.00 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

Instrument :

BNA_E

ClientSampleId :

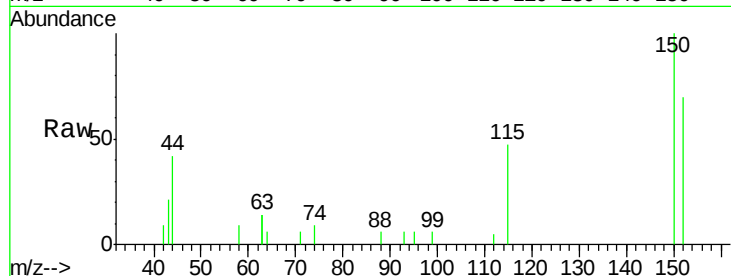
Tot Ion:152 Resp: 1096

Ion Ratio Lower Upper

152 100

150 142.7 117.2 175.8

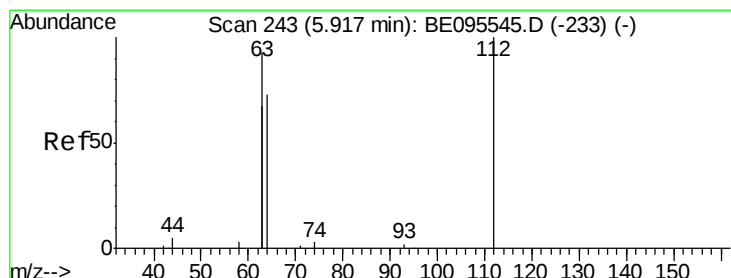
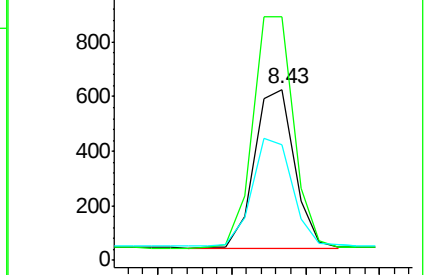
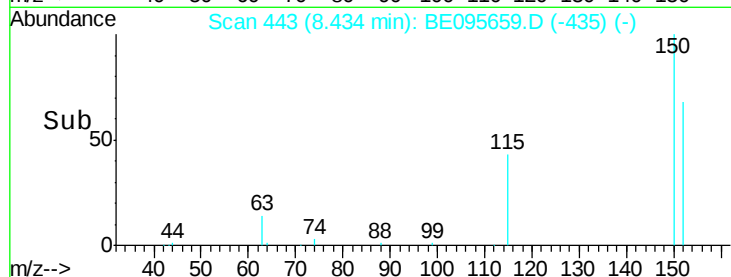
115 67.4 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.23 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

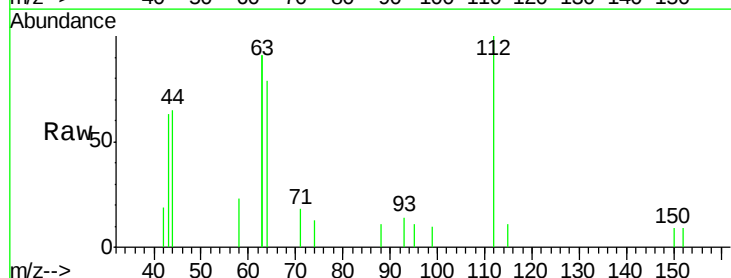
Tgt Ion:112 Resp: 753

Ion Ratio Lower Upper

112 100

64 76.4 60.1 90.1

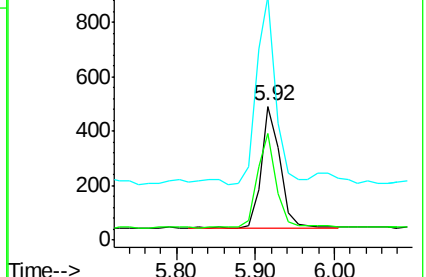
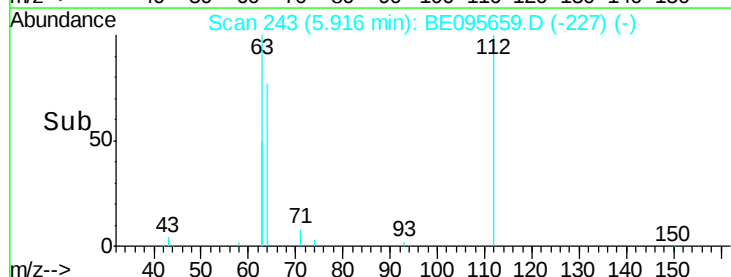
63 153.7 116.8 175.2

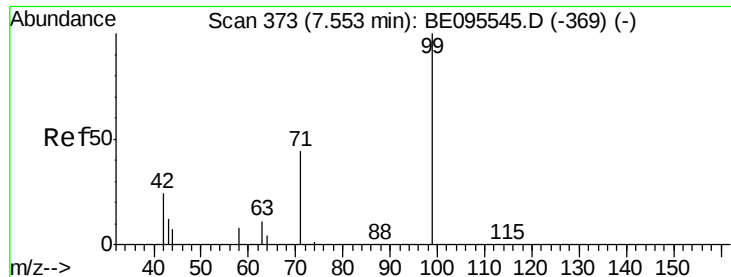


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.14 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

Instrument :

BNA_E

ClientSampleId :

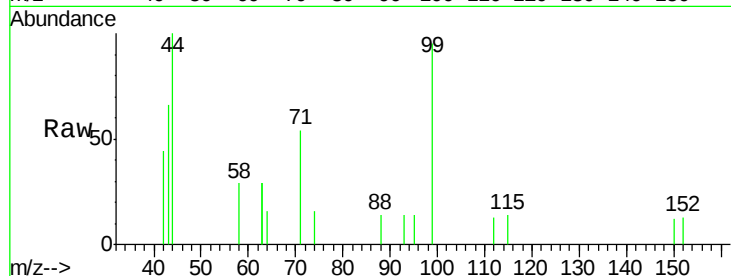
Tot Ion: 99 Resp: 619

Ion Ratio Lower Upper

99 100

42 27.1 20.2 30.2

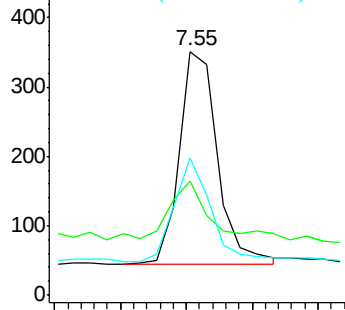
71 45.7 28.4 42.6#



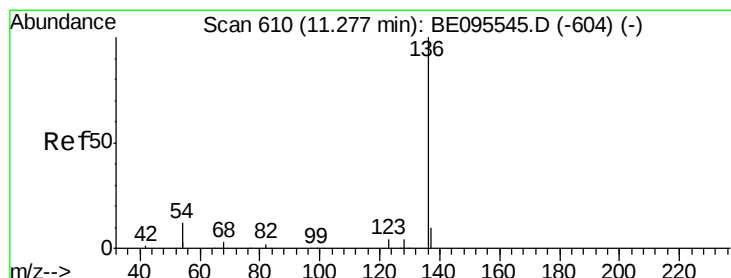
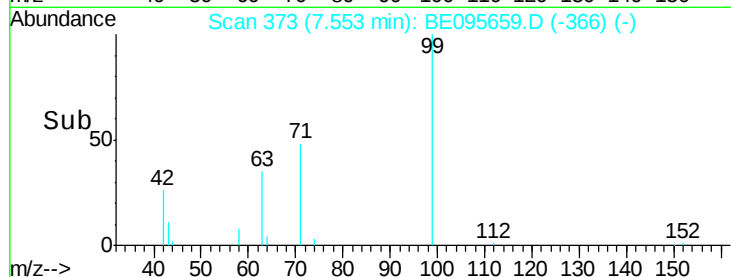
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.28 min Scan# 610

Delta R.T. 0.00 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

Tgt Ion: 136 Resp: 4362

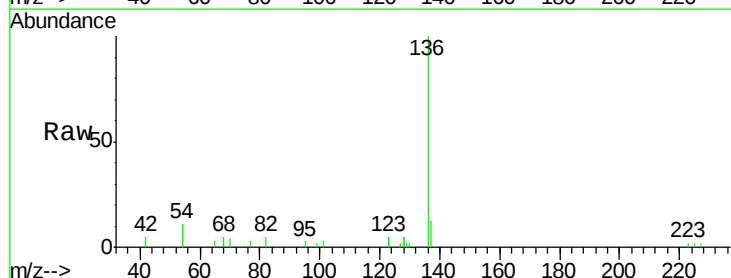
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 21.8 29.1 43.7#

68 5.4 6.2 9.2#

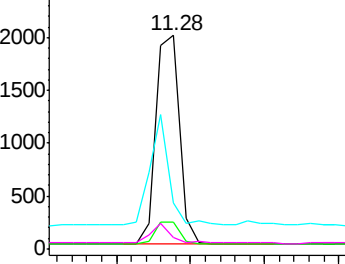


Abundance Ion 136.00 (135.70 to 136.70): E

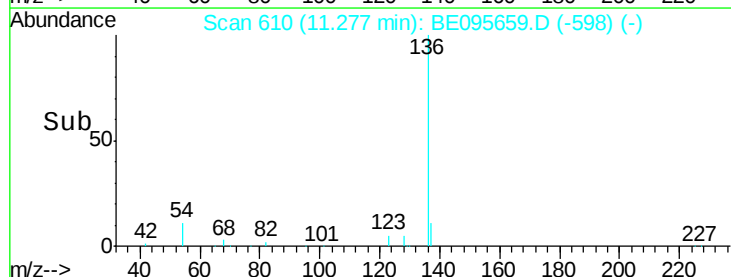
Ion 137.00 (136.70 to 137.70): E

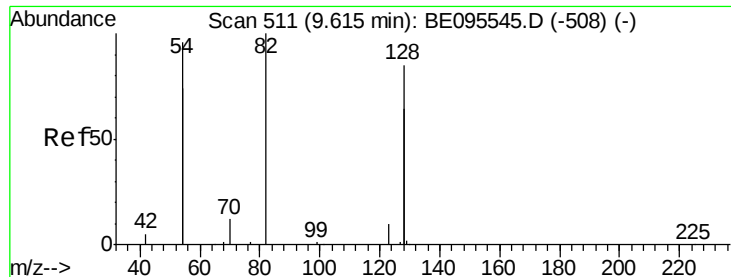
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.50 ng

RT: 9.60 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

Instrument :

BNA_E

ClientSampleId :

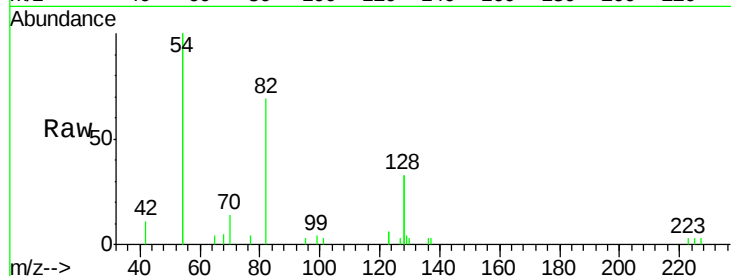
Tot Ion: 82 Resp: 2307

Ion Ratio Lower Upper

82 100

128 93.7 150.0 225.0#

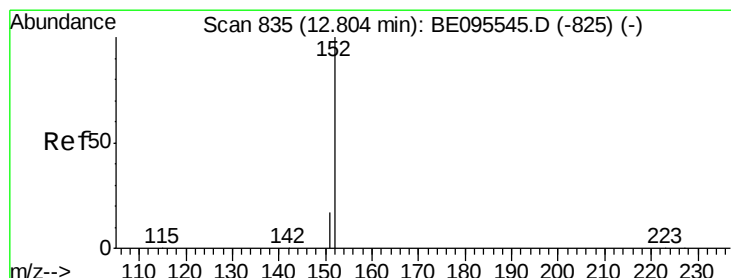
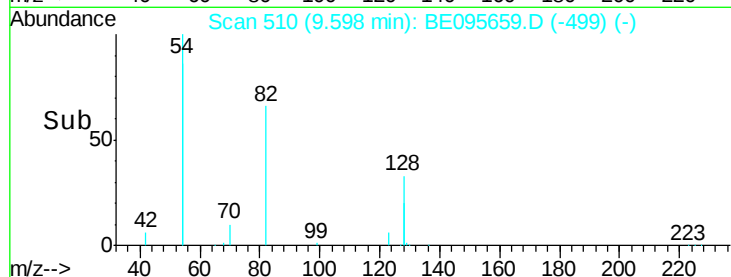
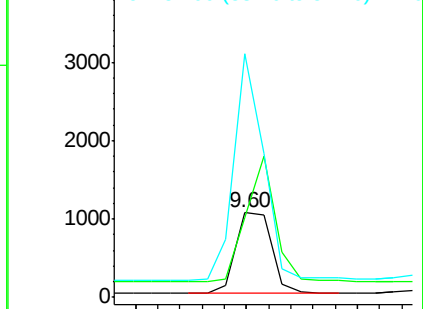
54 288.1 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095545.D (-508) (-)

Ion 128.00 (127.70 to 128.70): BE095545.D (-508) (-)

Ion 54.00 (53.70 to 54.70): BE095545.D (-508) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.50 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095659.D

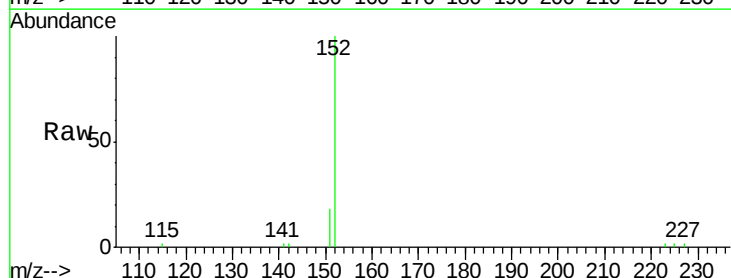
Acq: 12 Feb 2018 13:42

Tgt Ion: 152 Resp: 3611

Ion Ratio Lower Upper

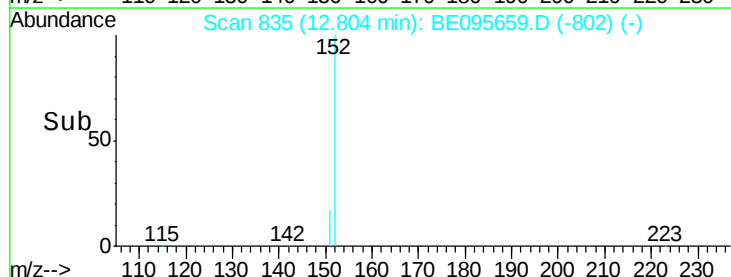
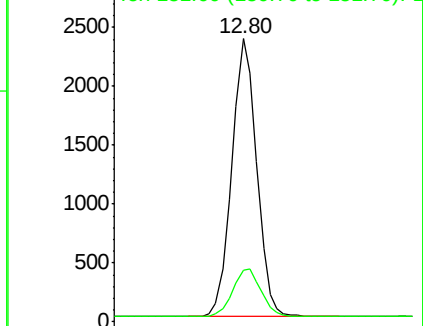
152 100

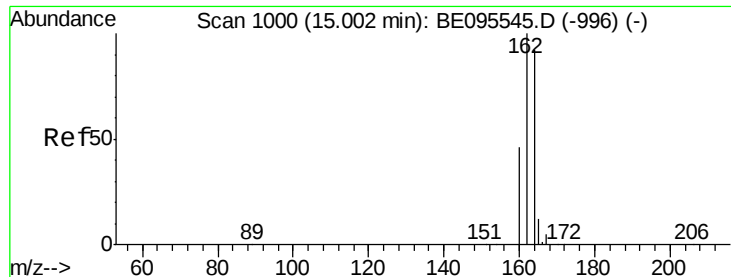
151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095545.D (-825) (-)

Ion 151.00 (150.70 to 151.70): BE095545.D (-825) (-)





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

Instrument :

BNA_E

ClientSampleId :

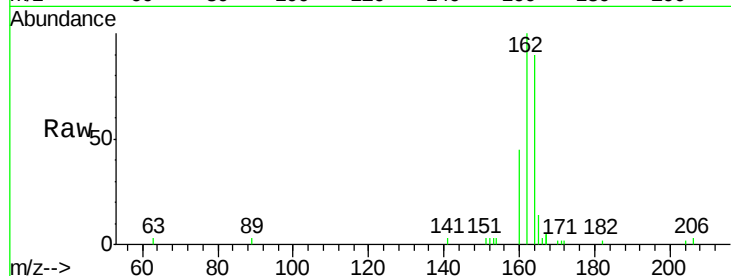
Tot Ion:164 Resp: 2475

Ion Ratio Lower Upper

164 100

162 110.5 83.1 124.7

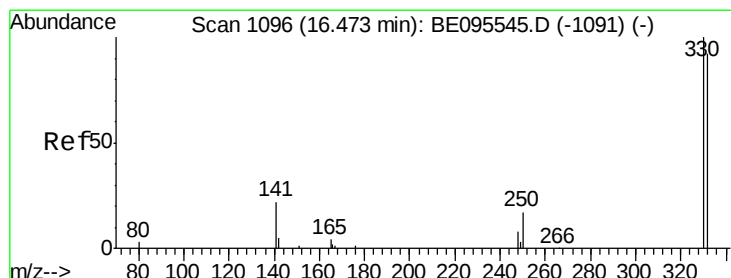
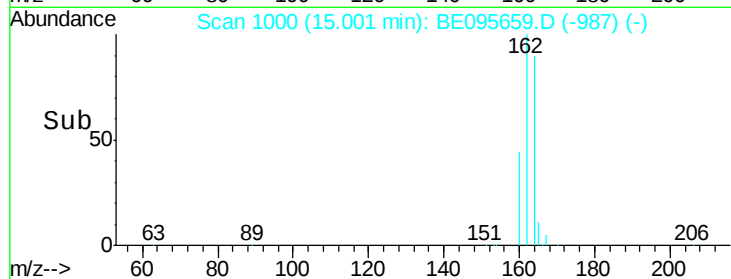
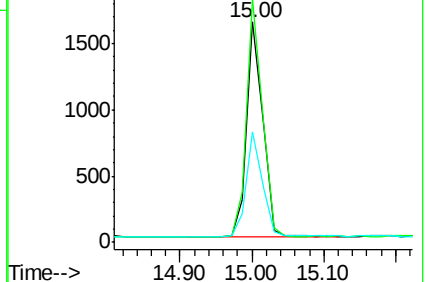
160 50.1 37.1 55.7



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: 0.46 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

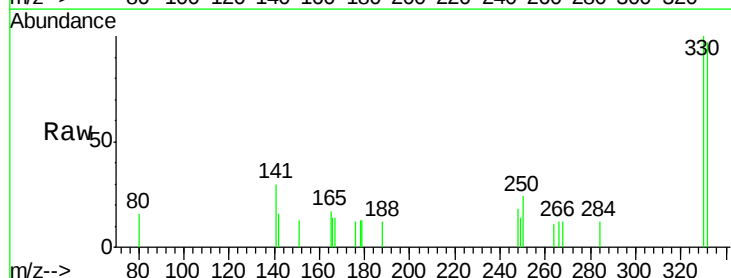
Tgt Ion:330 Resp: 519

Ion Ratio Lower Upper

330 100

332 96.3 152.7 229.1#

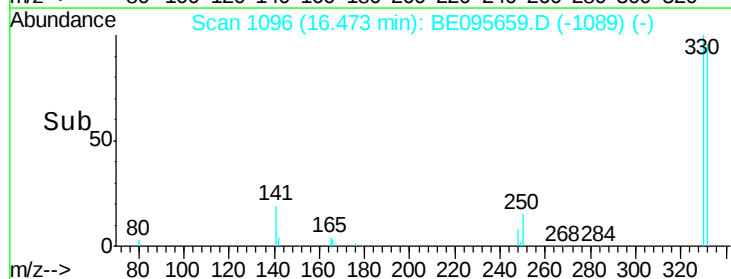
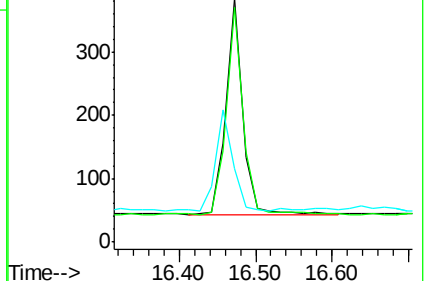
141 46.8 33.7 50.5

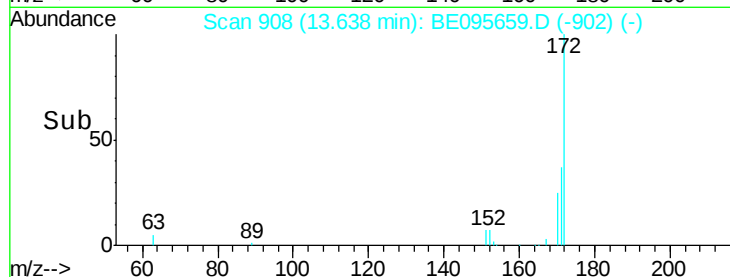
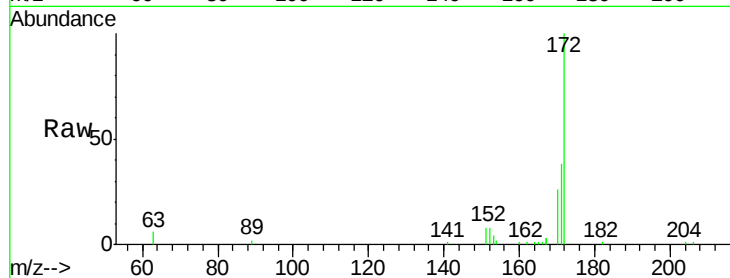
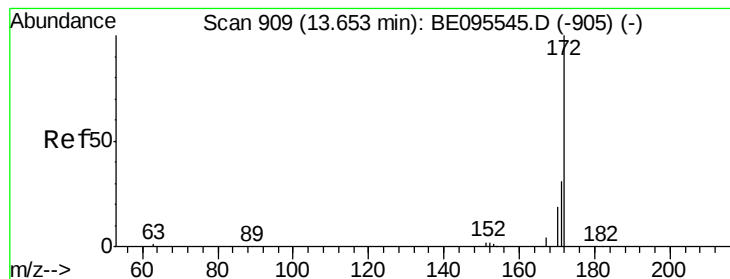


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.65 ng

RT: 13.64 min Scan# 908

Delta R.T. -0.02 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

Instrument :

BNA_E

ClientSampleId :

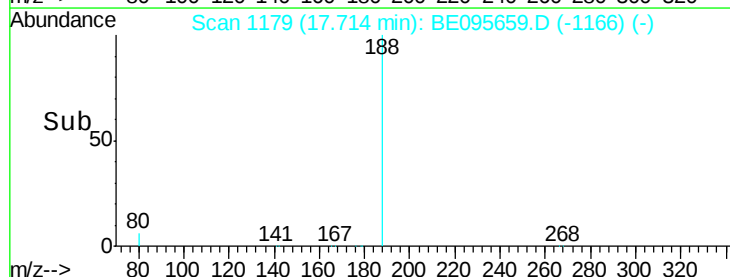
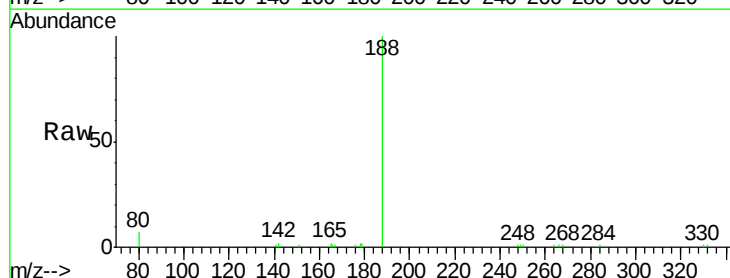
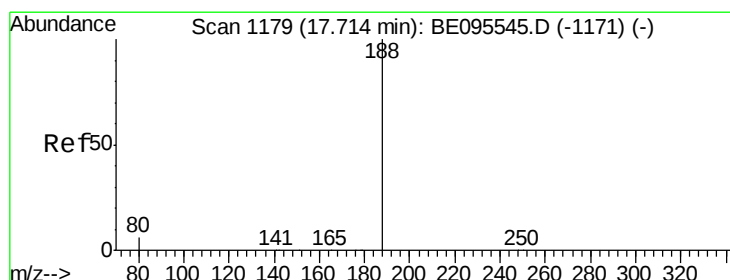
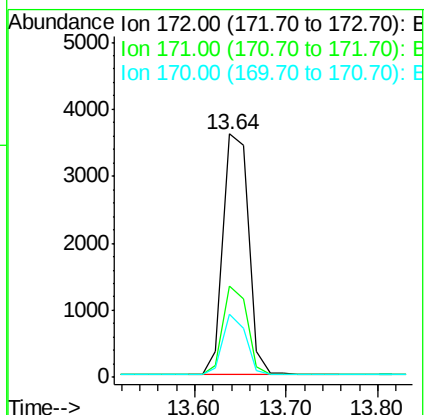
Tot Ion:172 Resp: 6894

Ion Ratio Lower Upper

172 100

171 37.7 29.9 44.9

170 26.1 21.8 32.8



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

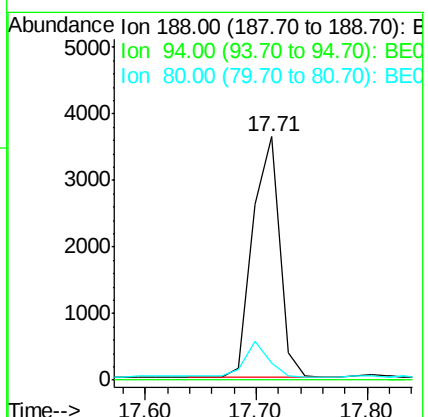
Tgt Ion:188 Resp: 6067

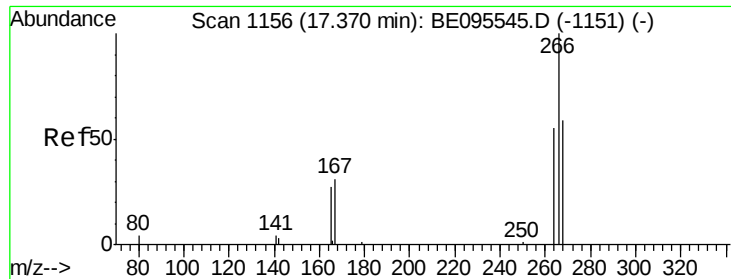
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 7.0 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.17 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

Instrument :

BNA_E

ClientSampleId :

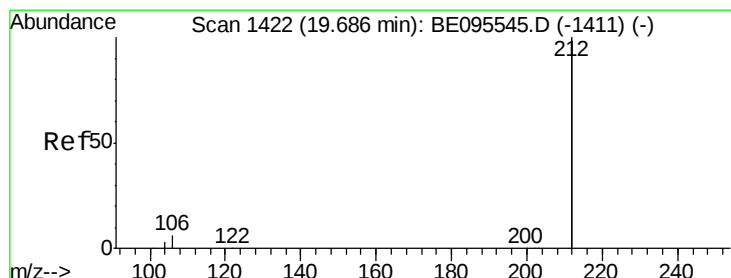
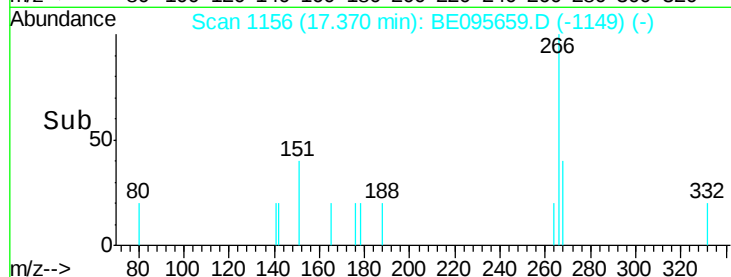
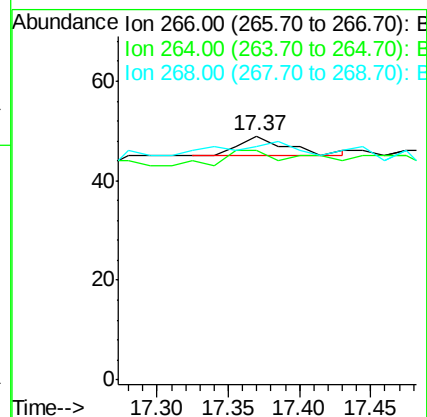
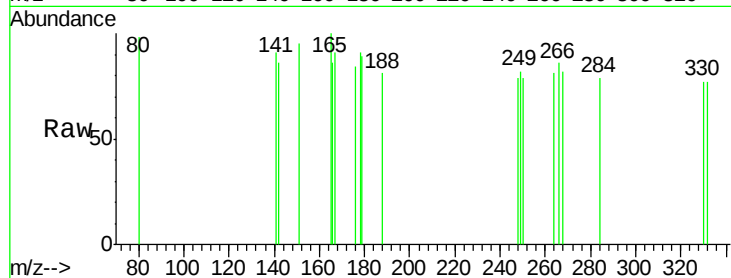
Tot Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 93.9 72.5 108.7

268 95.9 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.47 ng

RT: 19.69 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

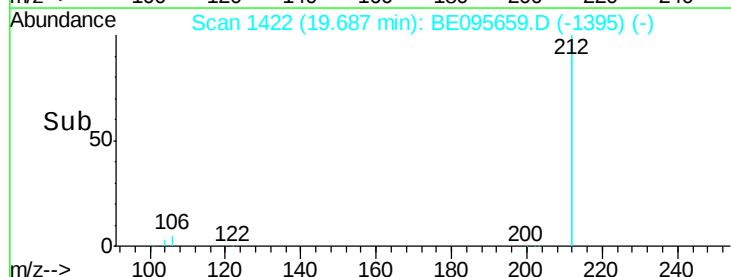
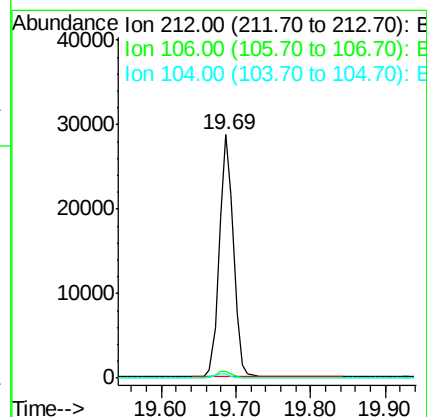
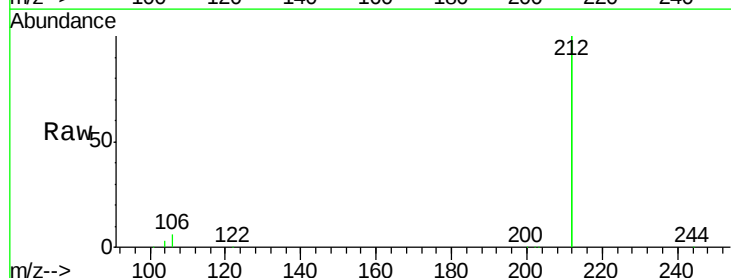
Tgt Ion:212 Resp: 37916

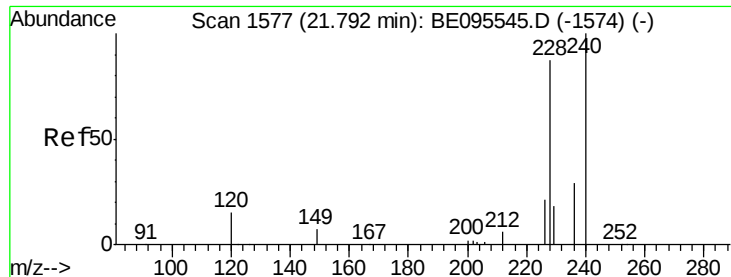
Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

Instrument :

BNA_E

ClientSampleId :

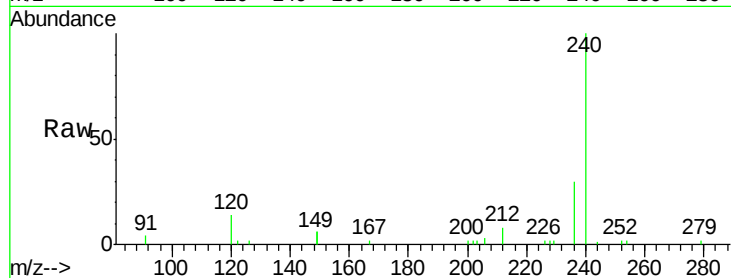
Tot Ion:240 Resp: 6454

Ion Ratio Lower Upper

240 100

120 14.4 5.5 8.3#

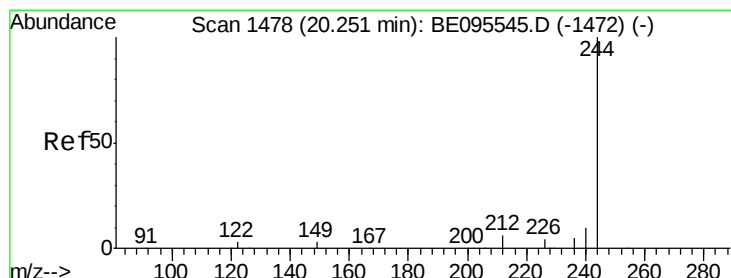
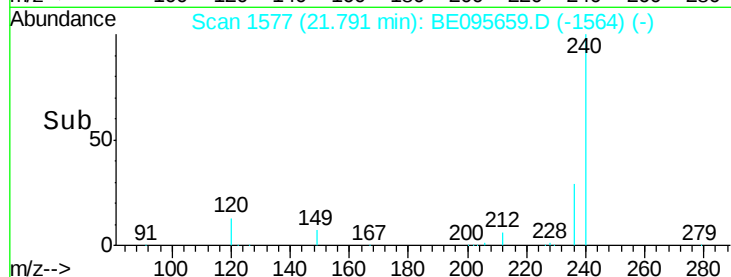
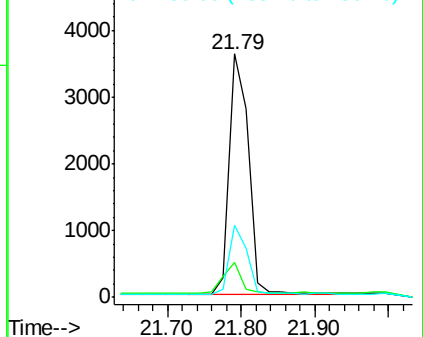
236 29.7 20.7 31.1



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: 0.62 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095659.D

Acq: 12 Feb 2018 13:42

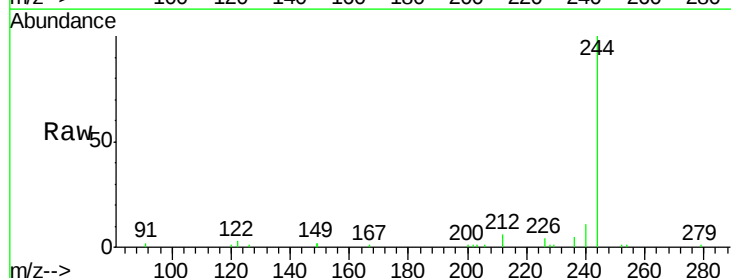
Tgt Ion:244 Resp: 8468

Ion Ratio Lower Upper

244 100

212 6.3 25.4 38.0#

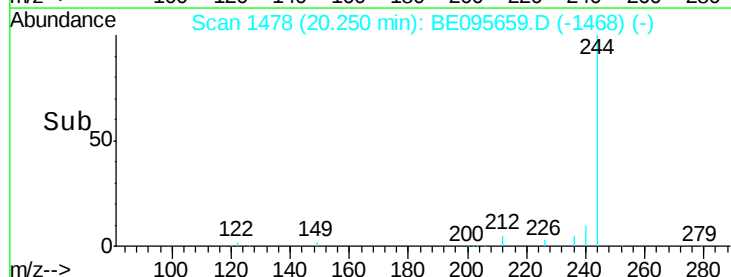
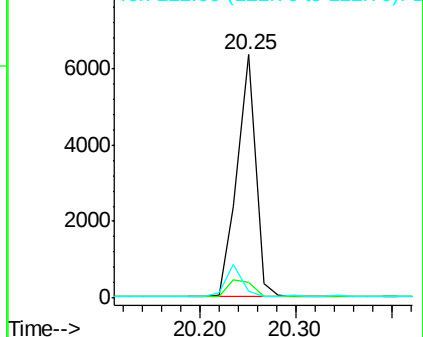
122 2.7 8.1 12.1#

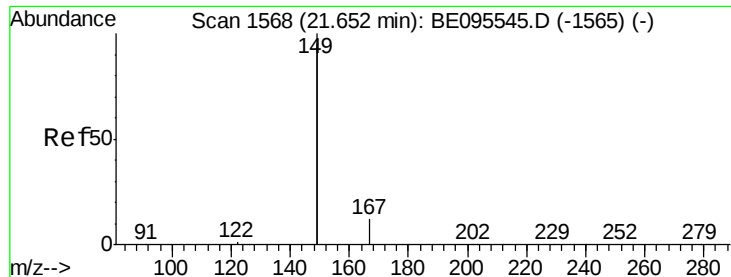


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

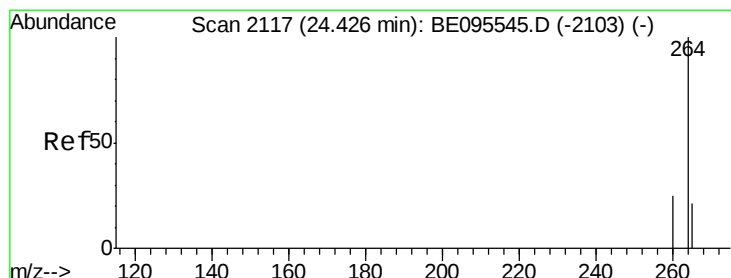
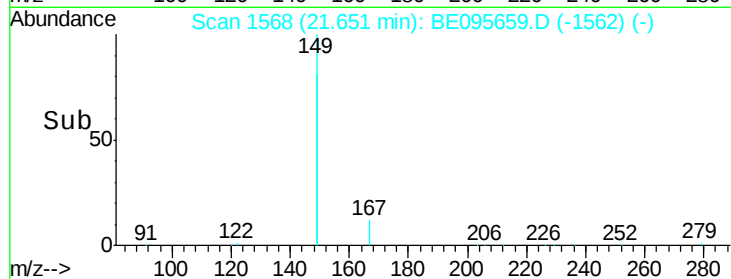
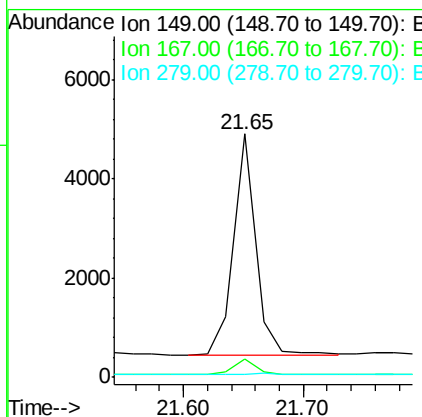
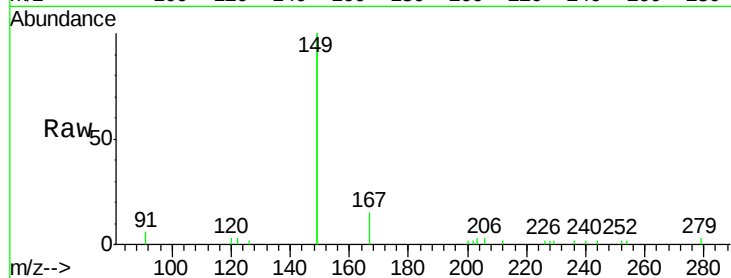




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.11 ng
 RT: 21.65 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BE095659.D
 Acq: 12 Feb 2018 13:42

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 5698
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 1.4 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BE095659.D
 Acq: 12 Feb 2018 13:42

Tgt Ion:264 Resp: 6436
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.5 30.7
 265 26.4 22.8 34.2

