

Data Path : Z:\HPCHEM1\BNA E\Data\BE022318\
 Data File : BE095679.D
 Acq On : 23 Feb 2018 12:43
 Operator : SJ/JU
 Sample : J1627-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 23 15:55:39 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

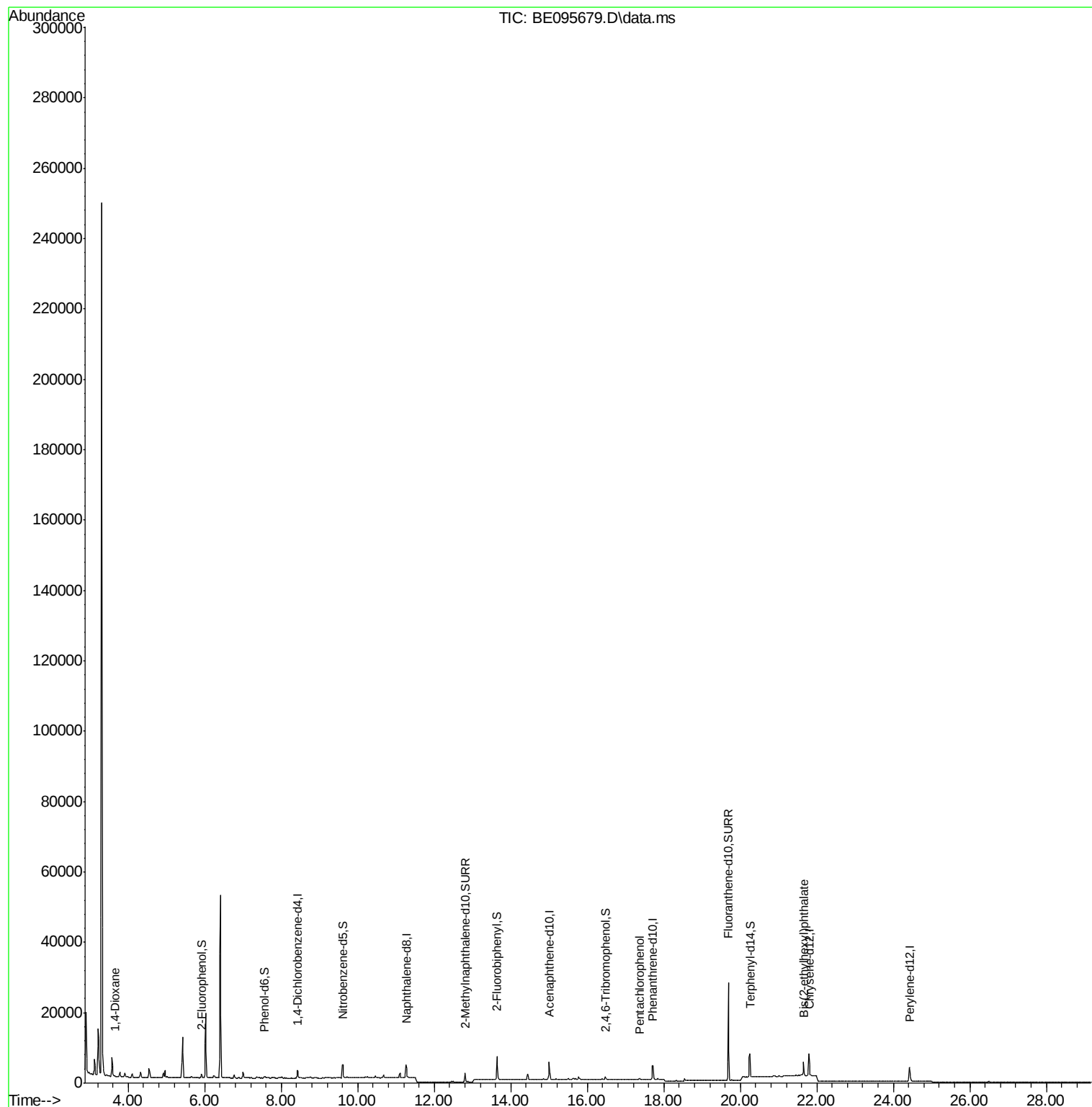
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.424	152	1229	0.40	ng	-0.01
7) Naphthalene-d8	11.276	136	4726	0.40	ng	0.00
13) Acenaphthene-d10	15.002	164	2861	0.40	ng	0.00
19) Phenanthrene-d10	17.715	188	6670	0.40	ng	0.01
27) Chrysene-d12	21.792	240	6721	0.40	ng	0.00
34) Perylene-d12	24.422	264	6342	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.918	112	541	0.17	ng	0.00
5) Phenol-d6	7.555	99	415	0.09	ng	0.00
8) Nitrobenzene-d5	9.614	82	1839	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.804	152	3196	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.473	330	467	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.639	172	6309	0.49	ng	0.00
25) Fluoranthene-d10	19.685	212	36149	0.41	ng	0.00
29) Terphenyl-d14	20.251	244	8620	0.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.652	88	173	0.09	ng	Qvalue # 11
22) Pentachlorophenol	17.371	266	143	0.27	ng	89
32) Bis(2-ethylhexyl)phtha...	21.652	149	4584	0.12	ng	97

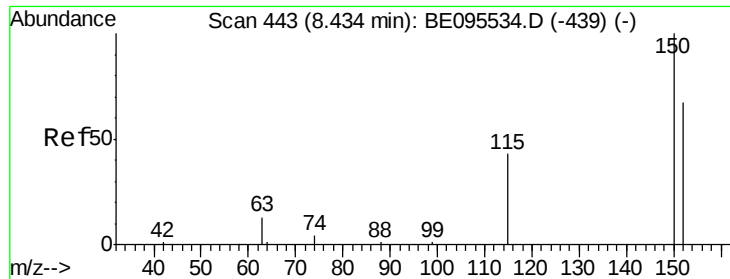
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.424 min Scan# 44

Delta R.T. -0.010 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

Instrument :

BNA_E

ClientSampled :

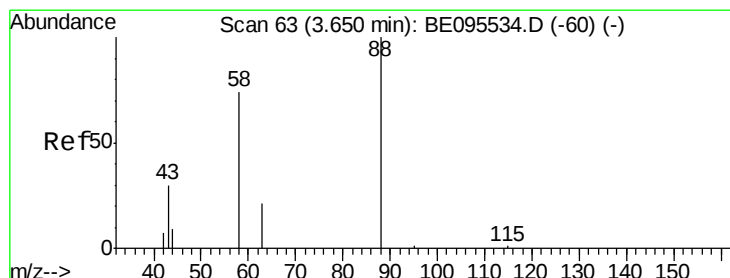
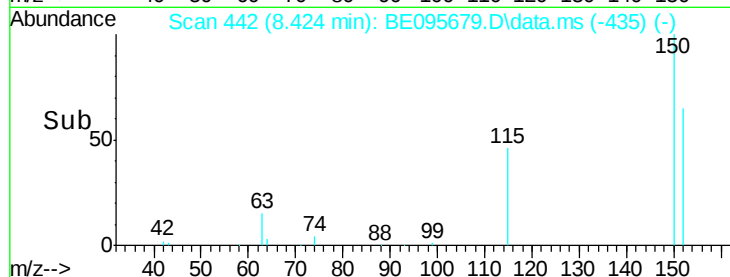
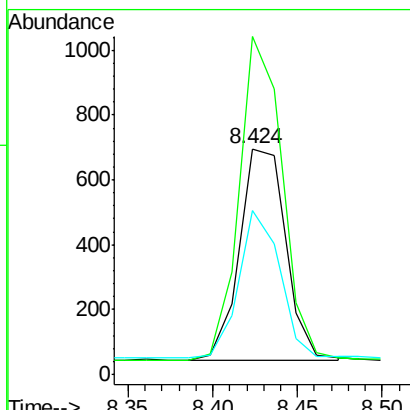
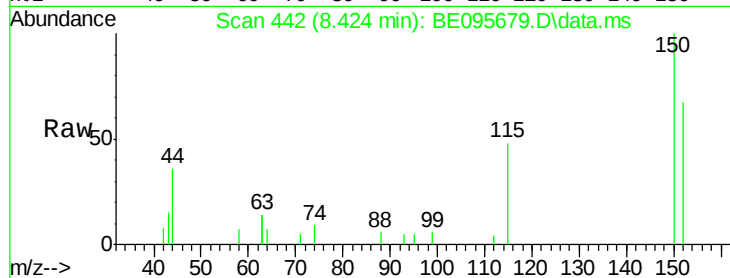
Tot Ion:152 Resp: 1229

Ion Ratio Lower Upper

152 100

150 149.9 117.2 175.8

115 72.7 57.0 85.6



#2

1,4-Dioxane

Concen: 0.09 ng

RT: 3.652 min Scan# 63

Delta R.T. 0.003 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

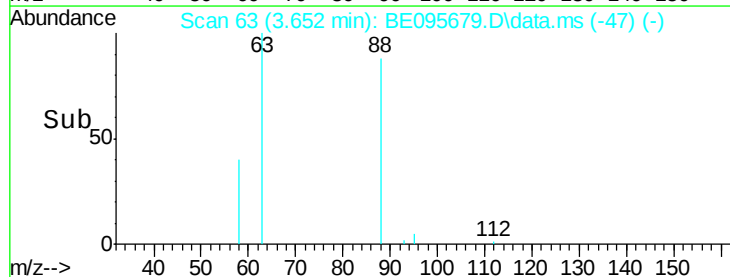
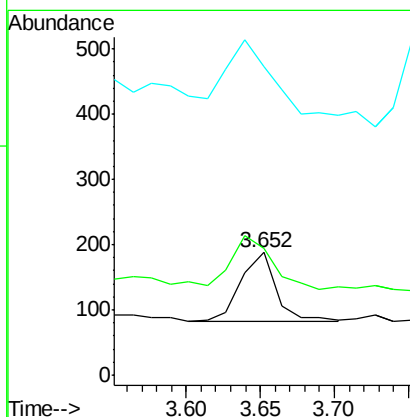
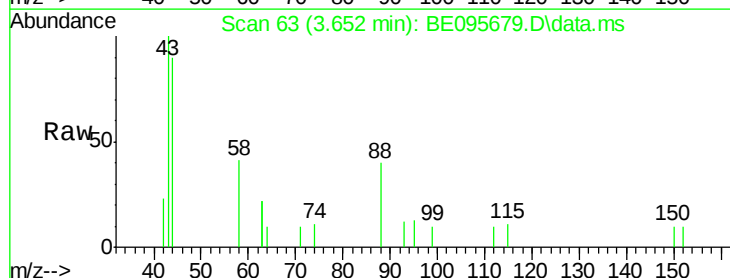
Tgt Ion: 88 Resp: 173

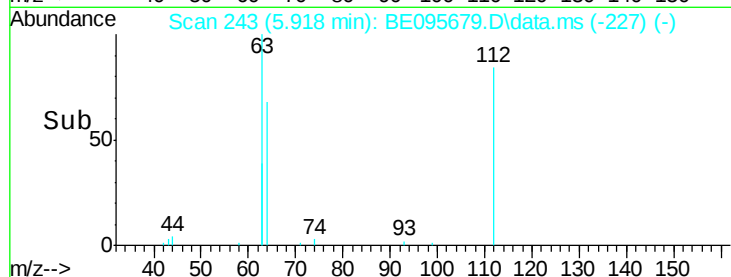
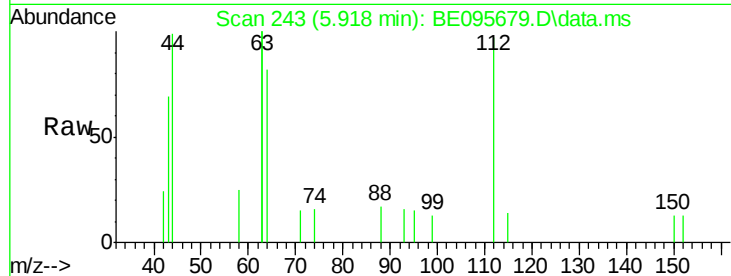
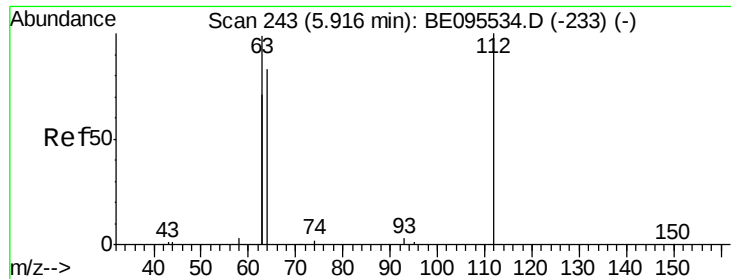
Ion Ratio Lower Upper

88 100

58 85.5 63.2 94.8

43 200.6 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.17 ng

RT: 5.918 min Scan# 24

Delta R.T. 0.003 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

Instrument :

BNA_E

ClientSampleId :

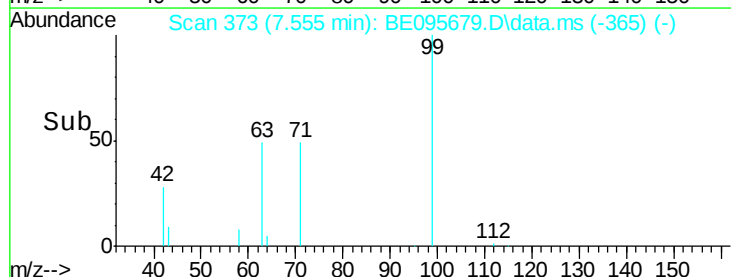
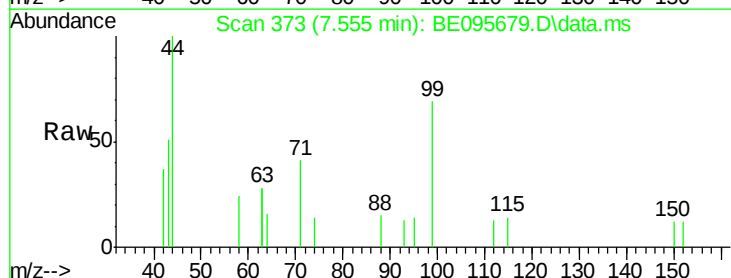
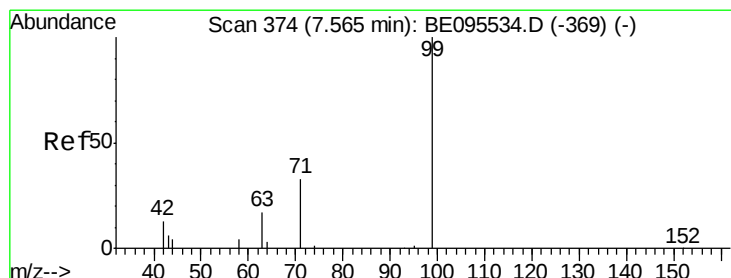
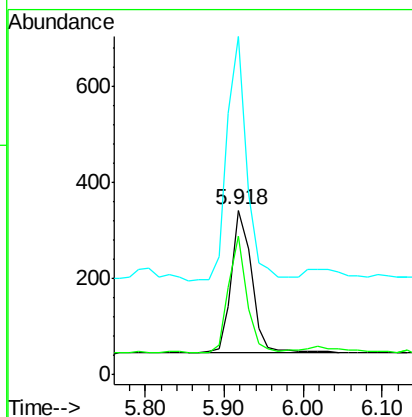
Tot Ion:112 Resp: 541

Ion Ratio Lower Upper

112 100

64 71.0 60.1 90.1

63 162.8 116.8 175.2



#5

Phenol-d6

Concen: 0.09 ng

RT: 7.555 min Scan# 373

Delta R.T. 0.003 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

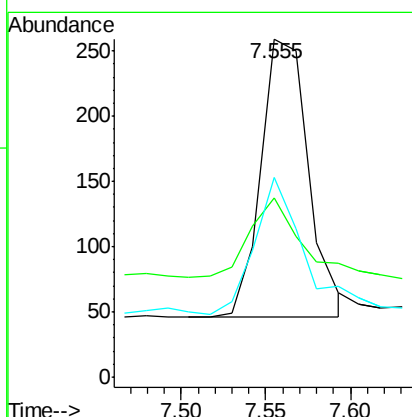
Tgt Ion: 99 Resp: 415

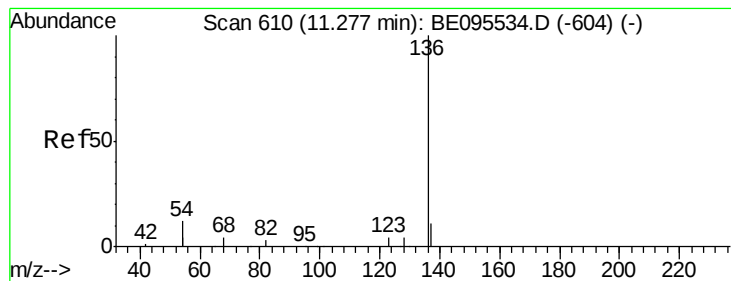
Ion Ratio Lower Upper

99 100

42 30.1 20.2 30.2

71 45.5 28.4 42.6#





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.276 min Scan# 61

Delta R.T. -0.000 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4726

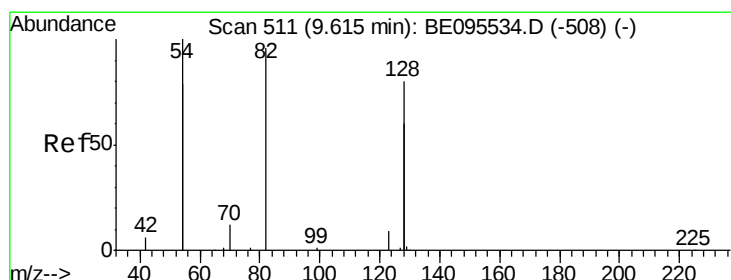
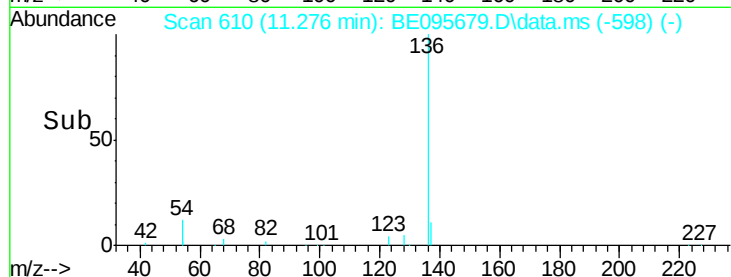
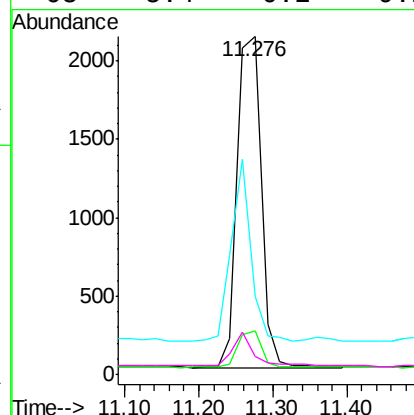
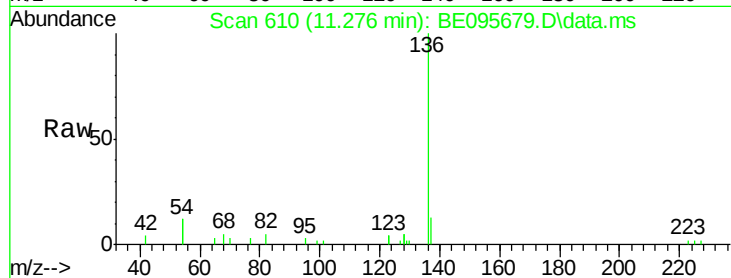
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 23.3 29.1 43.7#

68 5.4 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.38 ng

RT: 9.614 min Scan# 511

Delta R.T. -0.000 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

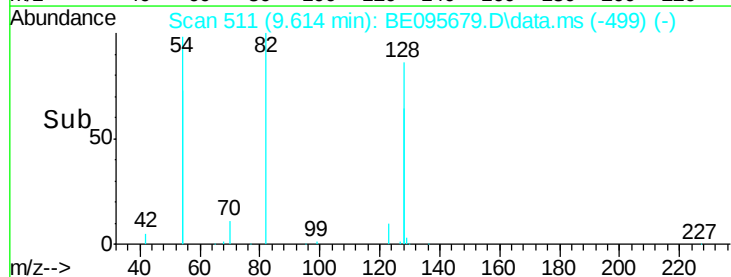
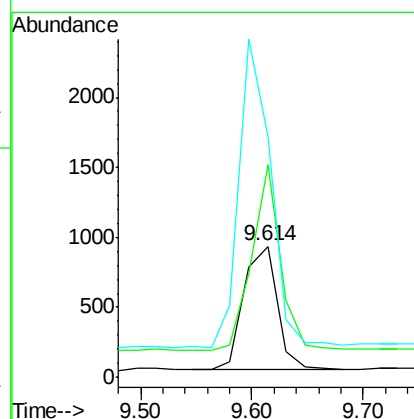
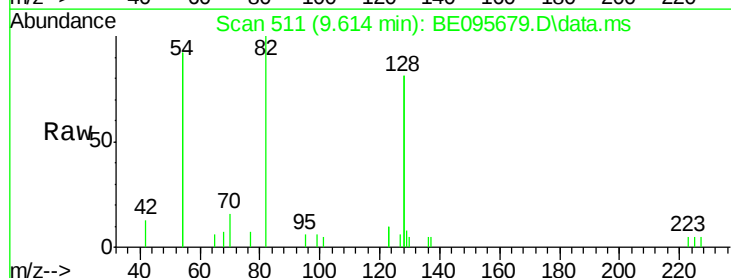
Tgt Ion: 82 Resp: 1839

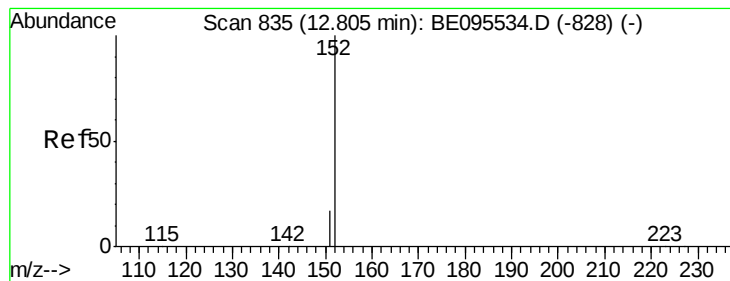
Ion Ratio Lower Upper

82 100

128 162.6 150.0 225.0

54 184.2 154.2 231.4





#11

2-Methylnaphthalene-d10

Concen: 0.40 ng

RT: 12.804 min Scan# 835

Delta R.T. 0.000 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

Instrument :

BNA_E

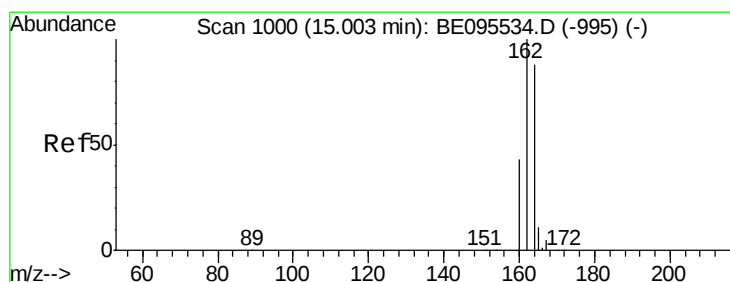
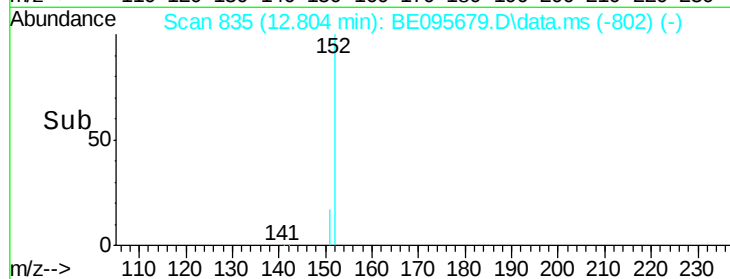
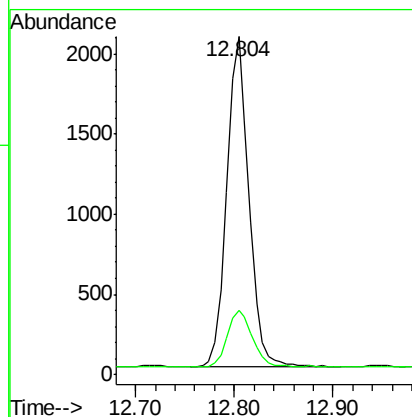
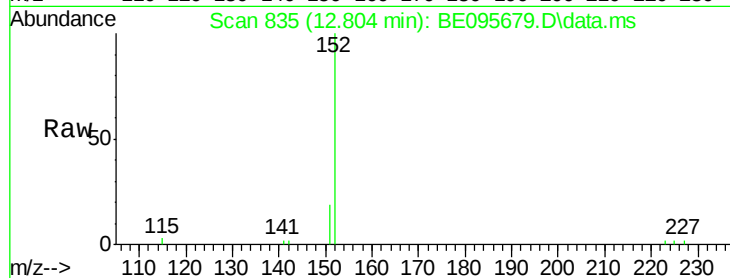
ClientSampleId :

Tot Ion:152 Resp: 3196

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.002 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

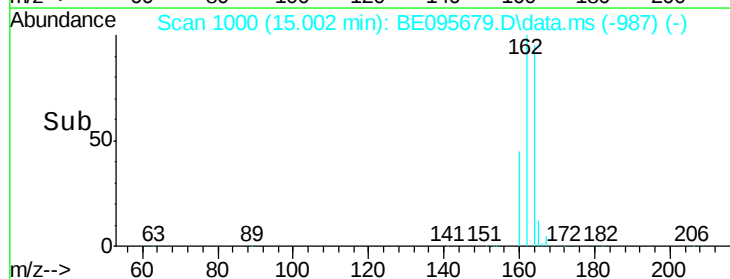
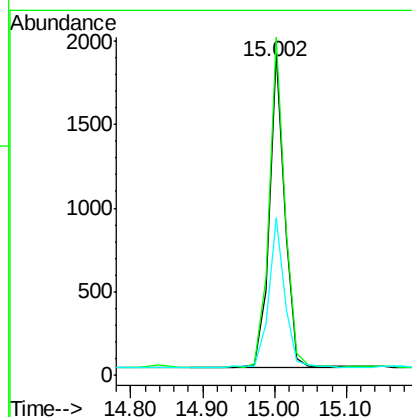
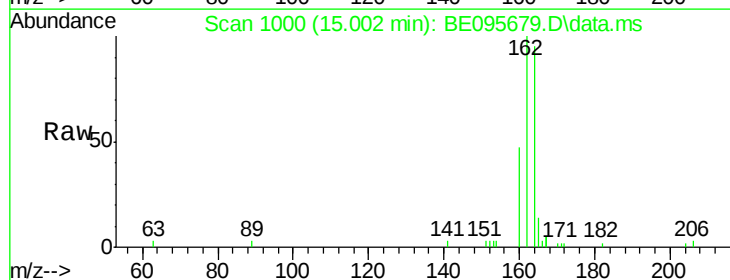
Tgt Ion:164 Resp: 2861

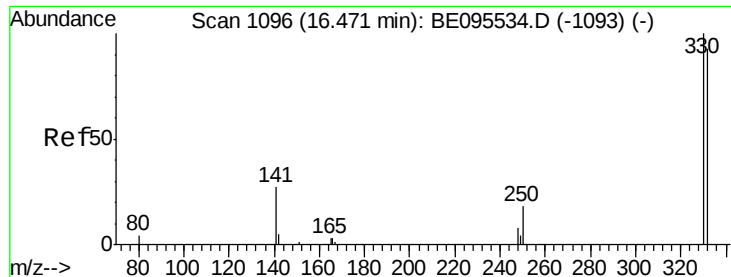
Ion Ratio Lower Upper

164 100

162 105.3 83.1 124.7

160 49.0 37.1 55.7

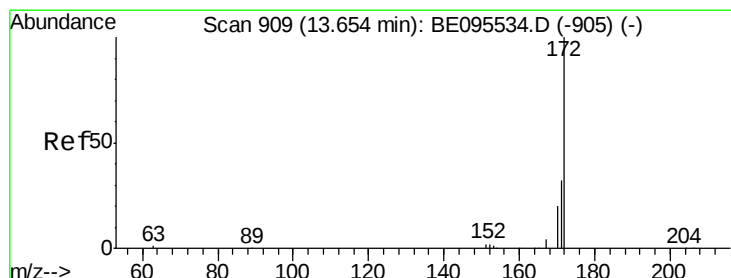
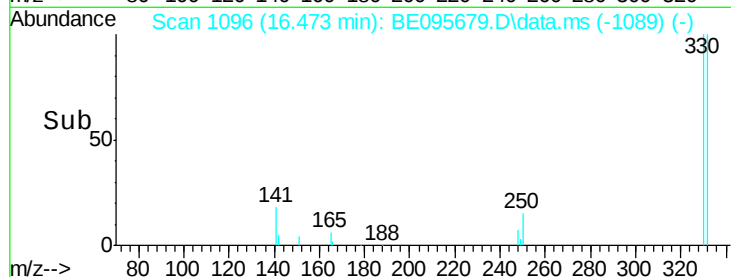
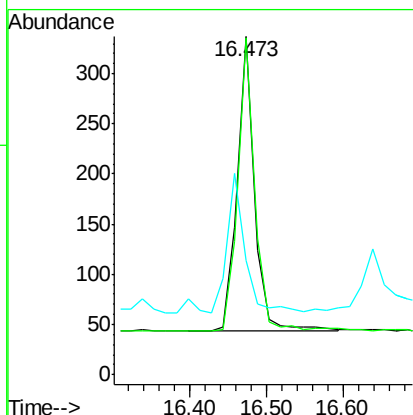
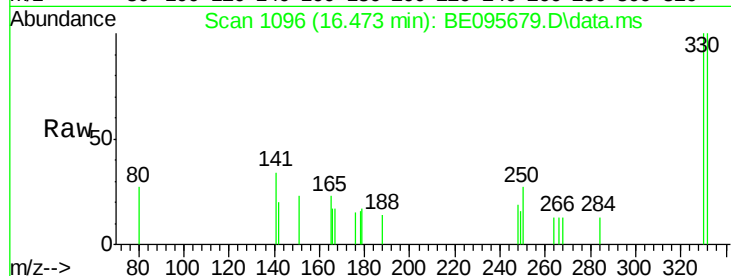




#14
 2,4,6-Tribromophenol
 Concen: 0.46 ng
 RT: 16.473 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: BE095679.D
 Acq: 23 Feb 2018 12:43

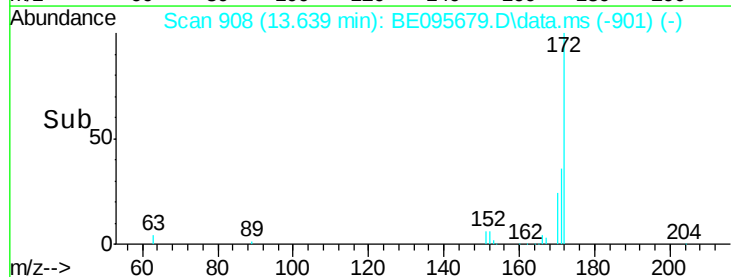
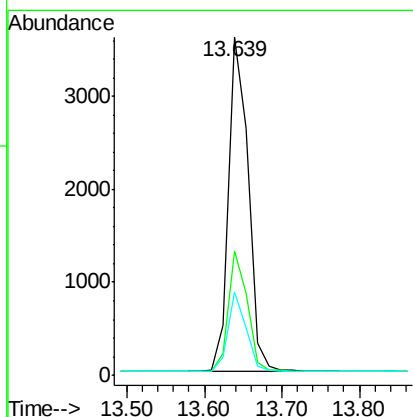
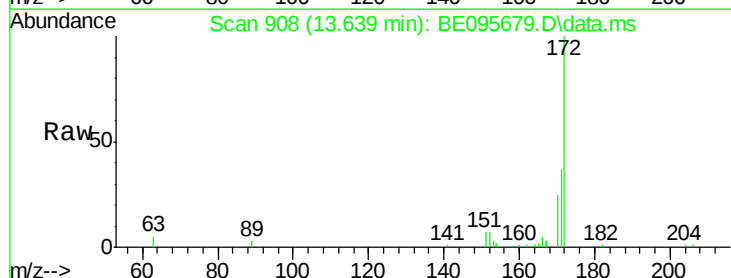
Instrument :
 BNA_E
 ClientSampleId :

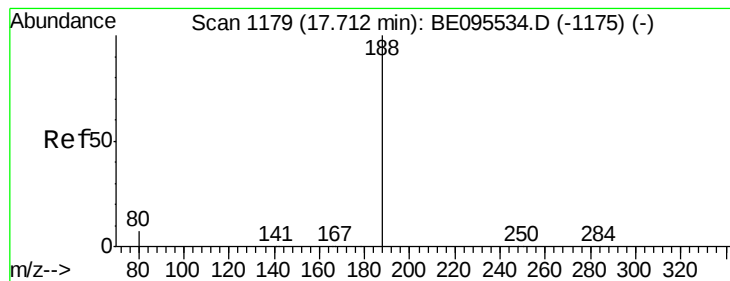
Tot Ion:330 Resp: 467
 Ion Ratio Lower Upper
 330 100
 332 95.1 152.7 229.1#
 141 46.0 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.49 ng
 RT: 13.639 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: BE095679.D
 Acq: 23 Feb 2018 12:43

Tgt Ion:172 Resp: 6309
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.9 44.9
 170 24.8 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.715 min Scan# 1179

Delta R.T. 0.015 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

Instrument :

BNA_E

ClientSampleId :

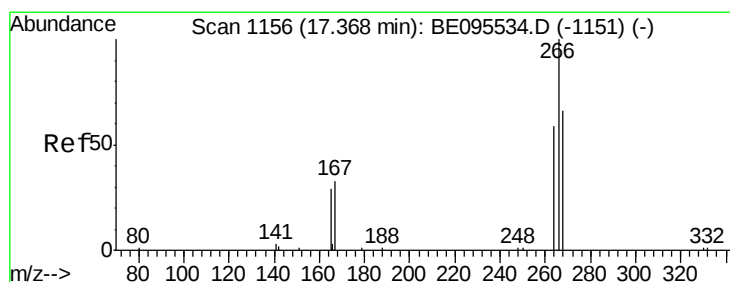
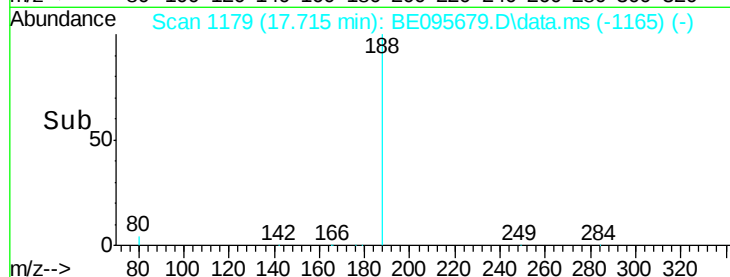
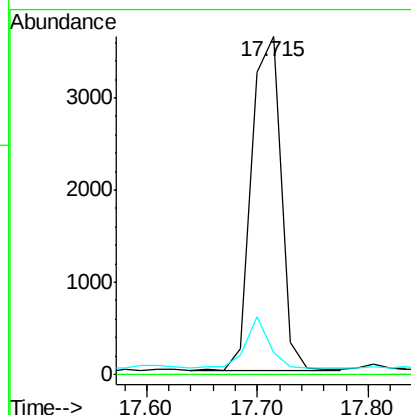
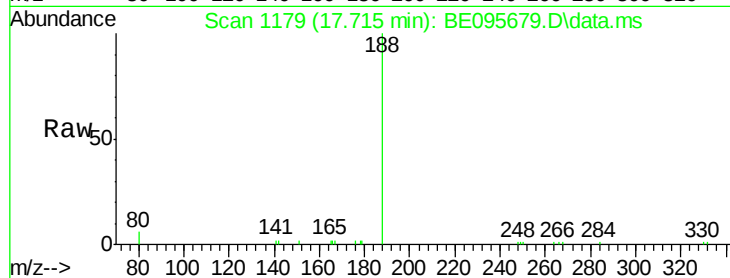
Tot Ion:188 Resp: 6670

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 6.4 3.6 5.4#



#22

Pentachlorophenol

Concen: 0.27 ng

RT: 17.371 min Scan# 1156

Delta R.T. 0.001 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

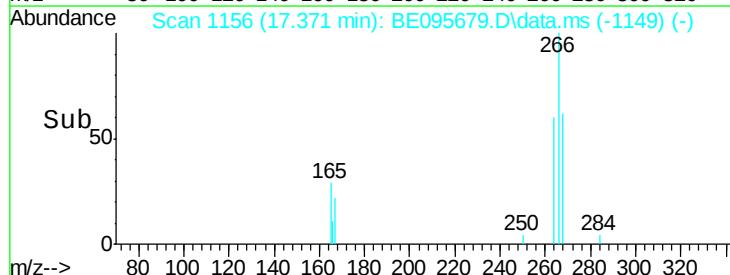
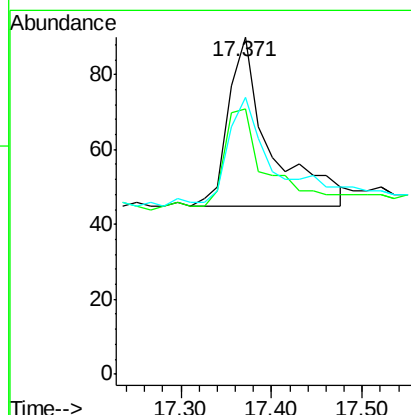
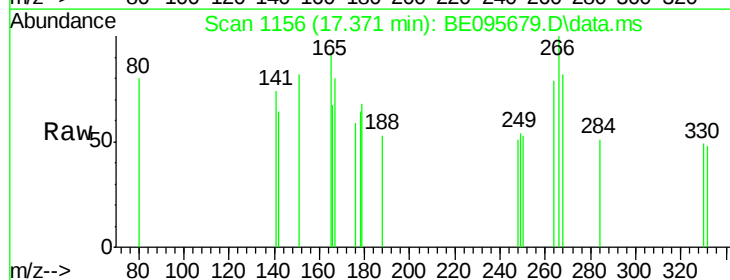
Tgt Ion:266 Resp: 143

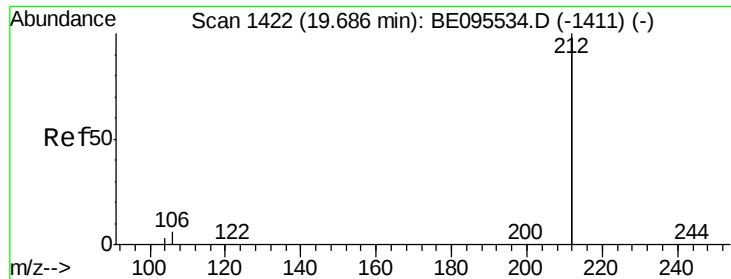
Ion Ratio Lower Upper

266 100

264 78.9 72.5 108.7

268 82.2 73.8 110.6





#25

Fluoranthene-d10

Concen: 0.41 ng

RT: 19.685 min Scan# 14

Delta R.T. -0.001 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

Instrument :

BNA_E

ClientSampleId :

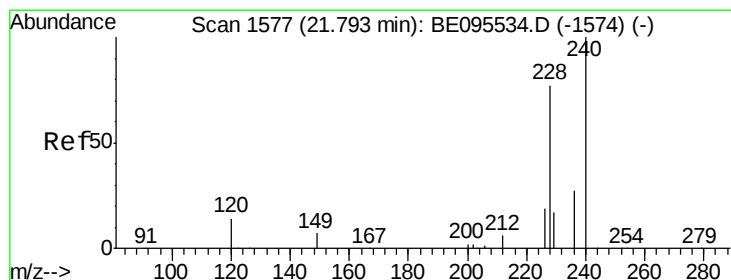
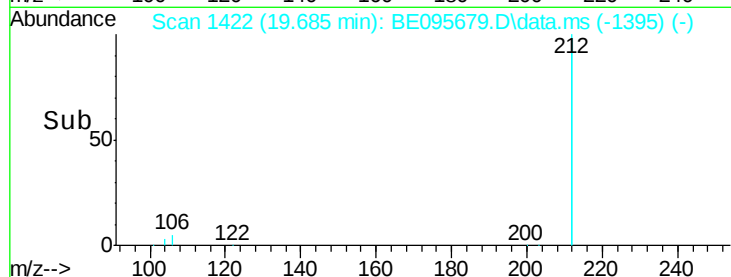
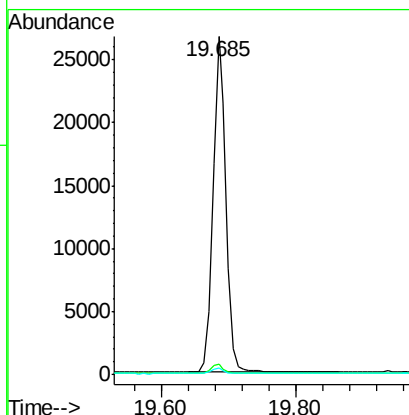
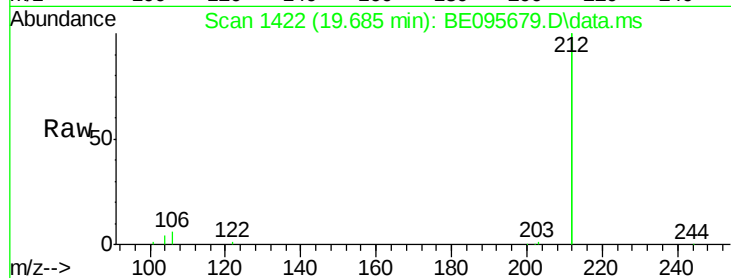
Tot Ion:212 Resp: 36149

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

104 1.7 1.6 2.4



#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.792 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

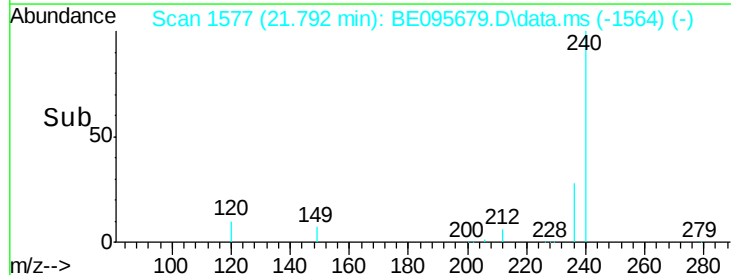
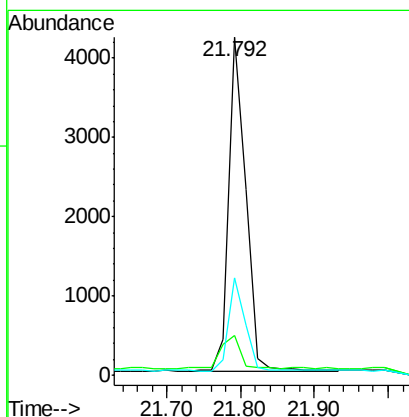
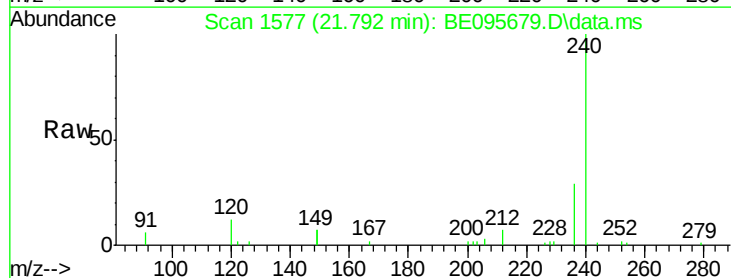
Tgt Ion:240 Resp: 6721

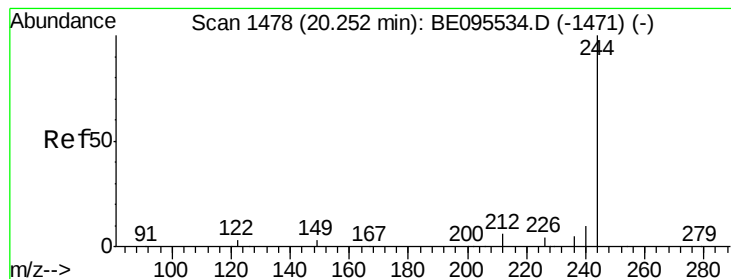
Ion Ratio Lower Upper

240 100

120 11.6 5.5 8.3#

236 28.9 20.7 31.1





#29

Terphenyl-d14

Concen: 0.64 ng

RT: 20.251 min Scan# 1478

Delta R.T. -0.000 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

Instrument :

BNA_E

ClientSampleId :

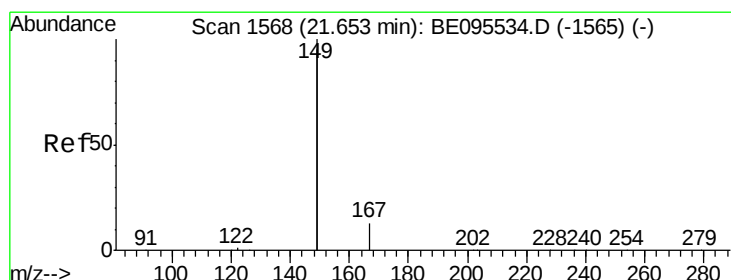
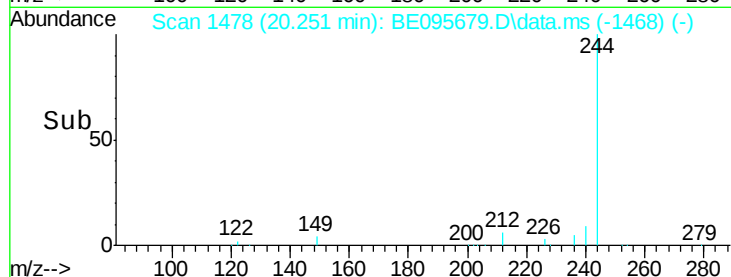
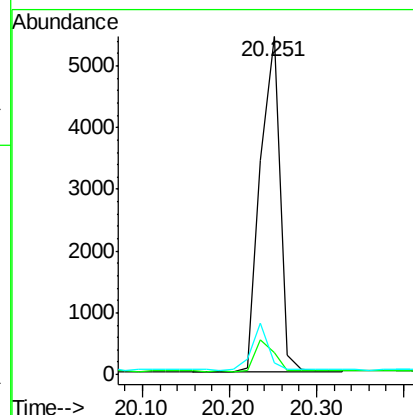
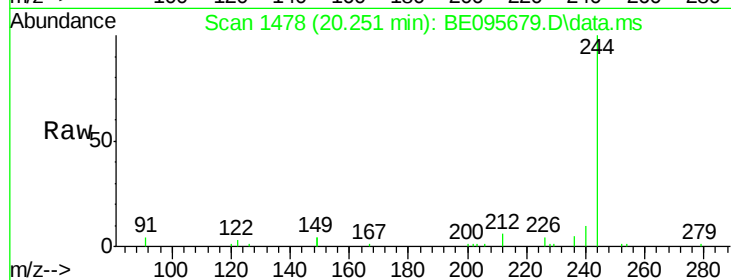
Tot Ion:244 Resp: 8620

Ion Ratio Lower Upper

244 100

212 6.5 25.4 38.0#

122 3.3 8.1 12.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.12 ng

RT: 21.652 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

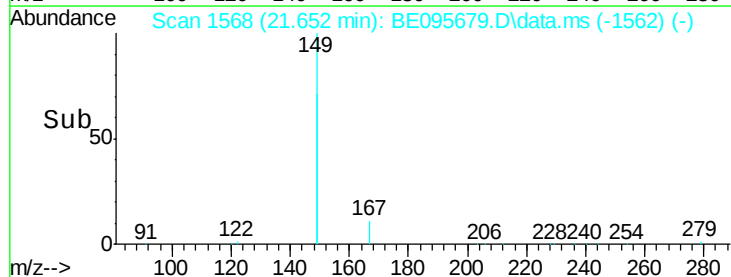
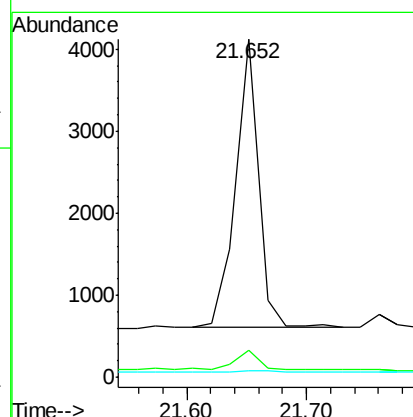
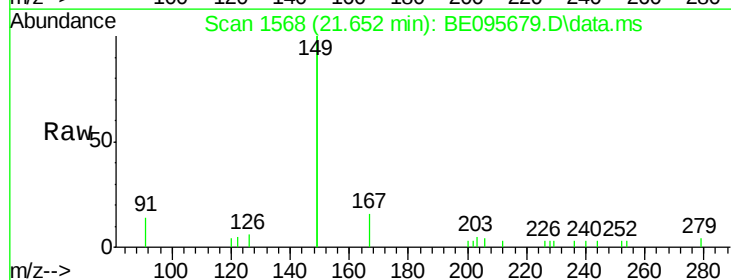
Tgt Ion:149 Resp: 4584

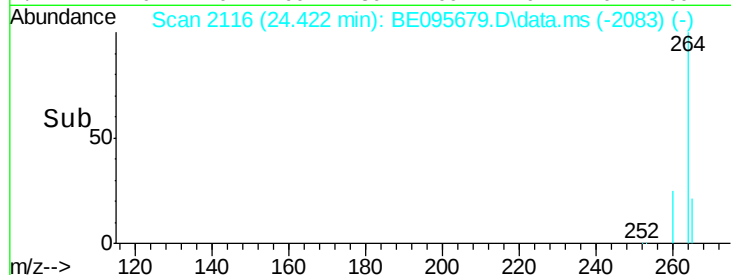
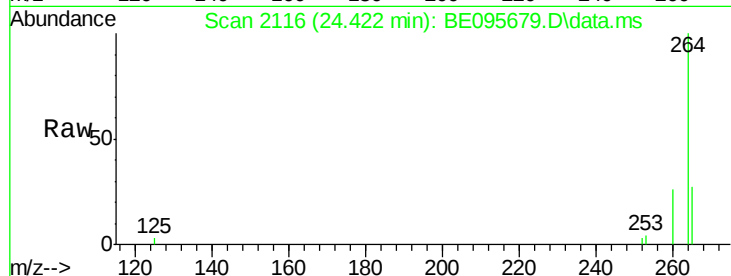
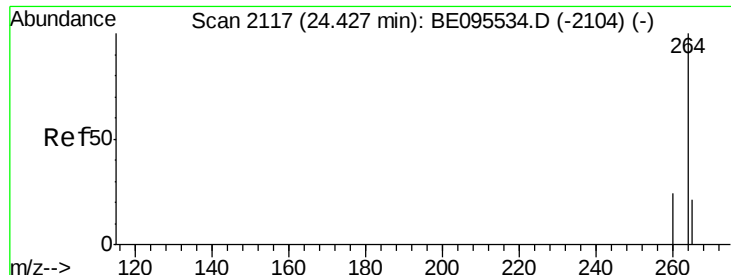
Ion Ratio Lower Upper

149 100

167 7.8 5.4 8.0

279 0.8 0.7 1.1





#34

Pervlene-d12

Concen: 0.40 ng

RT: 24.422 min Scan# 211

Delta R.T. -0.000 min

Lab File: BE095679.D

Acq: 23 Feb 2018 12:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 6342

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 26.9 22.8 34.2

