

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095980.D
 Acq On : 11 Apr 2018 20:45
 Operator : SJ/JU
 Sample : J2219--02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 12 04:16:57 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 17:26:43 2018
 Response via : Initial Calibration

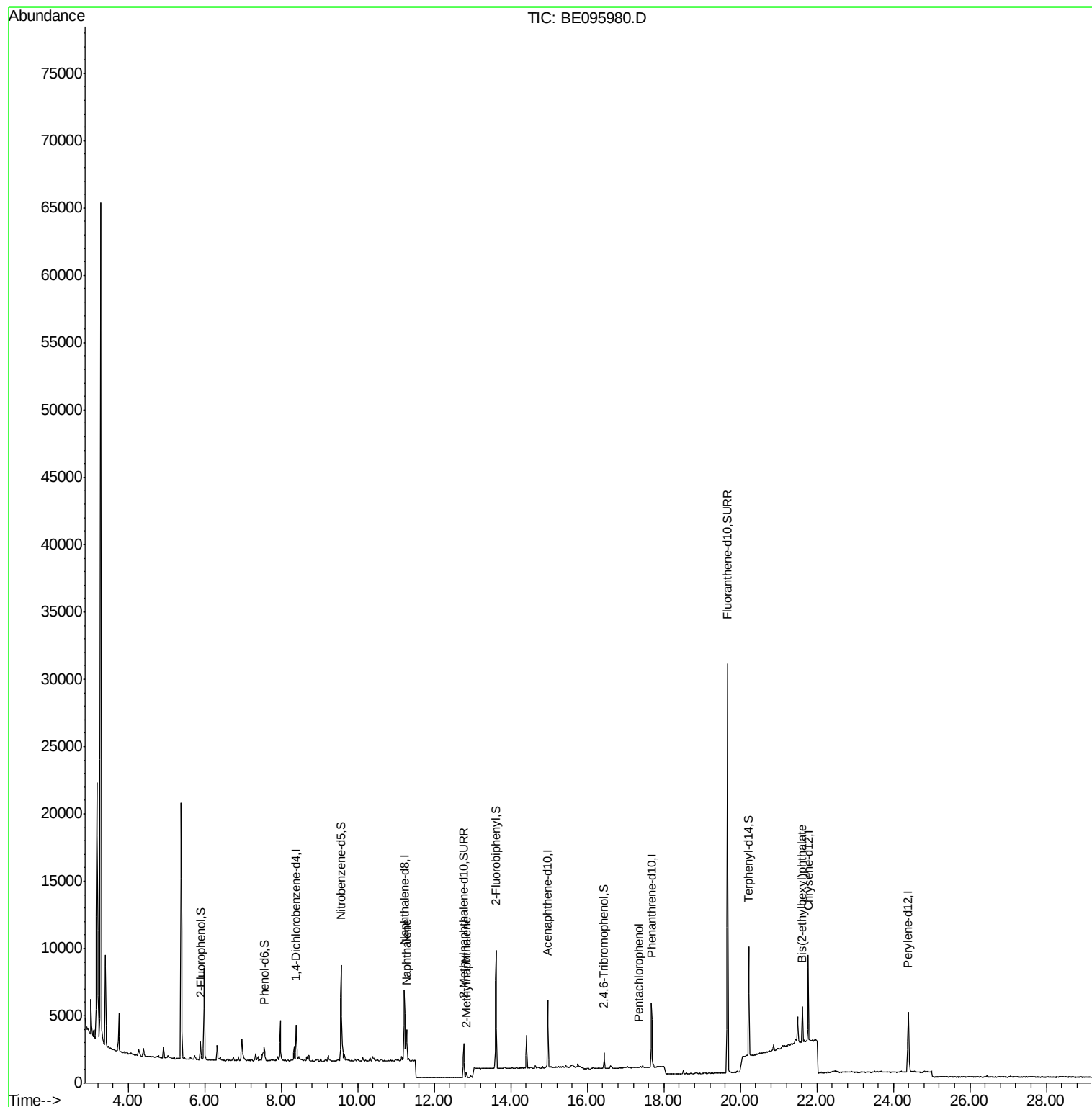
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1236	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4961	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2763	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6579	0.40	ng	-0.01
27) Chrysene-d12	21.78	240	7148	0.40	ng	0.00
34) Perylene-d12	24.39	264	6908	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	643	0.17	ng	0.00
5) Phenol-d6	7.54	99	482	0.09	ng	0.00
8) Nitrobenzene-d5	9.57	82	2594	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	3307	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	624	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	7819	0.66	ng	0.00
25) Fluoranthene-d10	19.66	212	39009	0.44	ng	0.00
29) Terphenyl-d14	20.22	244	7621	0.48	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	11.27	128	3819	0.073	ng	# 95
12) 2-Methylnaphthalene	12.83	142	302	0.035	ng	# 82
22) Pentachlorophenol	17.34	266	20	0.147	ng	93
32) Bis(2-ethylhexyl)phthalate	21.62	149	3781	0.064	ng	# 99

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

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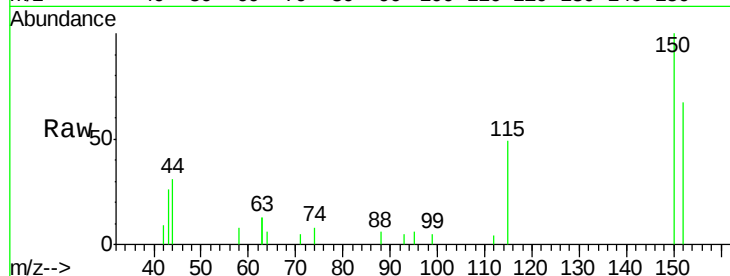


#1

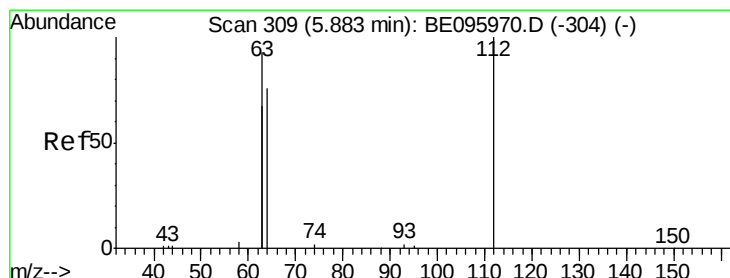
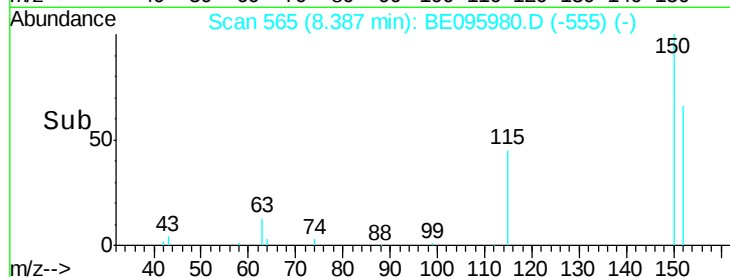
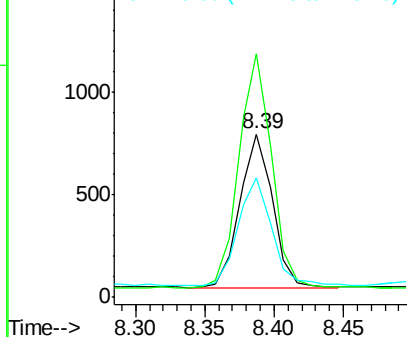
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. -0.00 min
Lab File: BE095980.D
Acq: 11 Apr 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1236
Ion Ratio Lower Upper
152 100
150 148.8 117.2 175.8
115 72.7 57.0 85.6



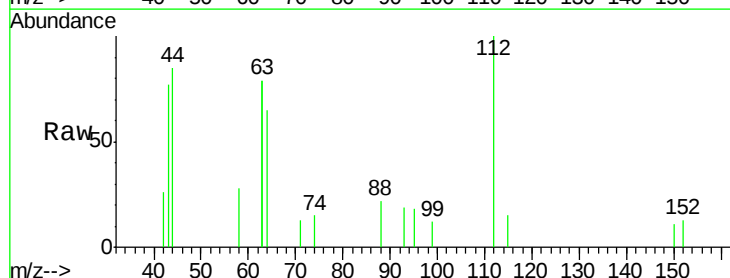
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



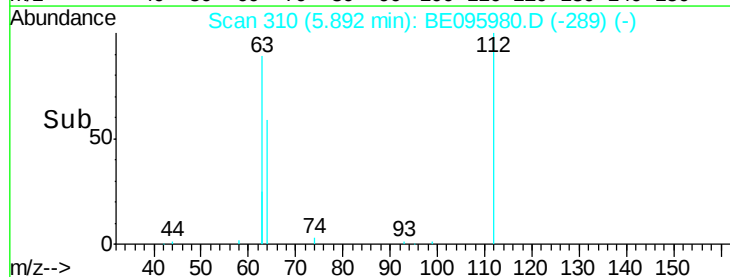
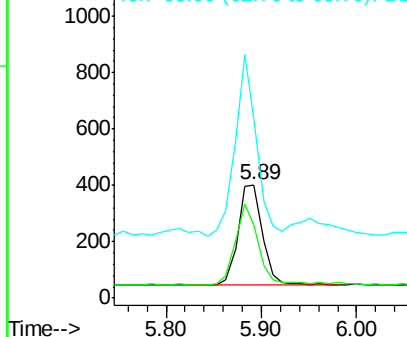
#4

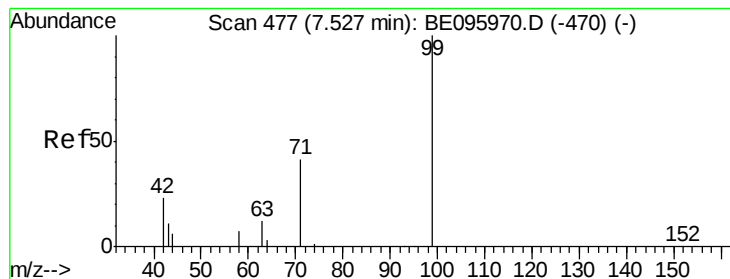
2-Fluorophenol
Concen: 0.168 ng
RT: 5.89 min Scan# 310
Delta R.T. 0.01 min
Lab File: BE095980.D
Acq: 11 Apr 2018 20:45

Tgt Ion:112 Resp: 643
Ion Ratio Lower Upper
112 100
64 75.6 60.1 90.1
63 156.1 116.8 175.2



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: 0.091 ng

RT: 7.54 min Scan# 478

Delta R.T. 0.01 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

ClientSampleId :

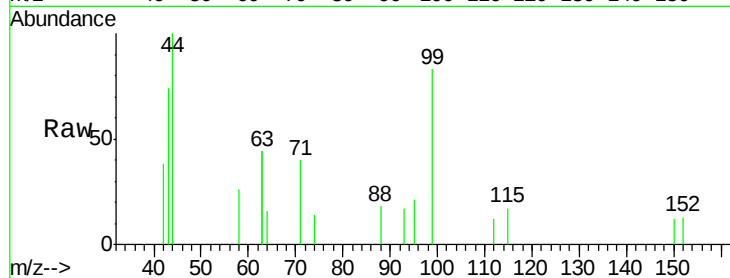
Tot Ion: 99 Resp: 482

Ion Ratio Lower Upper

99 100

42 51.9 20.2 30.2#

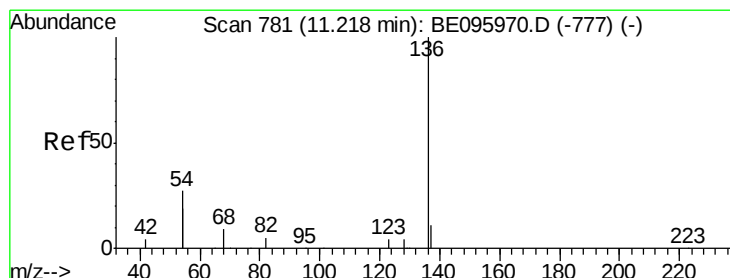
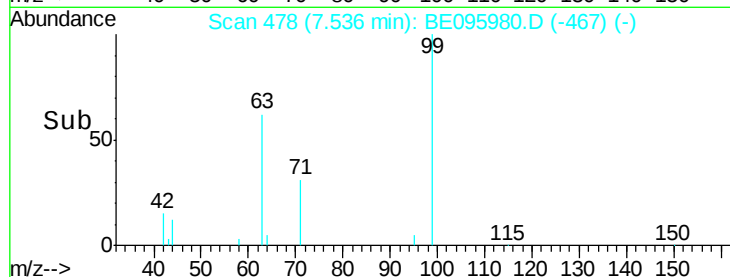
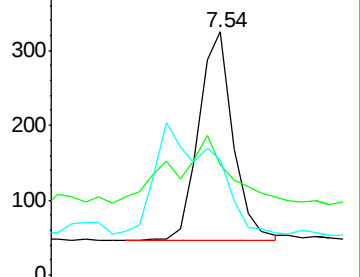
71 0.0 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Tgt Ion: 136 Resp: 4961

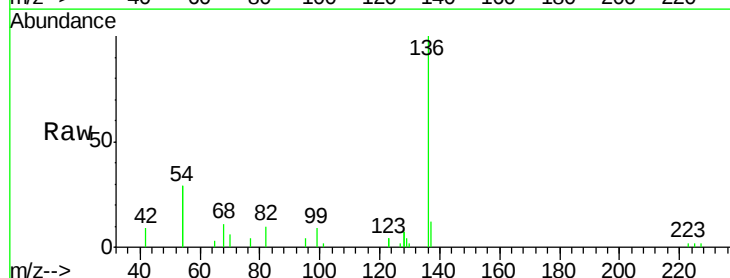
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 57.0 29.1 43.7#

68 11.0 6.2 9.2#

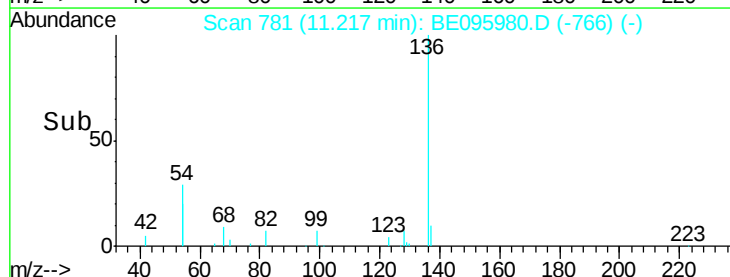
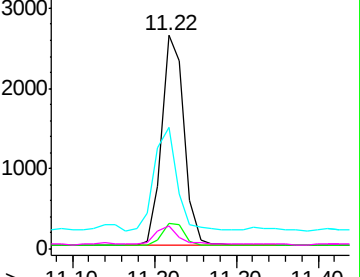


Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.446 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

ClientSampled :

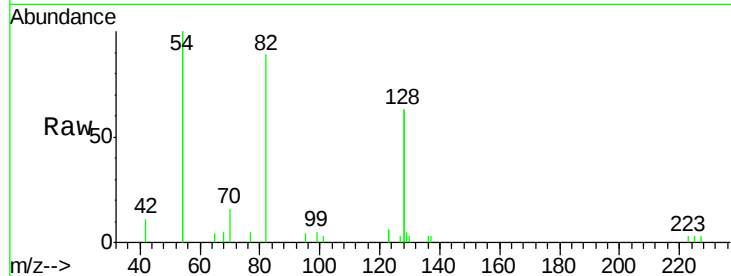
Tot Ion: 82 Resp: 2594

Ion Ratio Lower Upper

82 100

128 140.7 150.0 225.0#

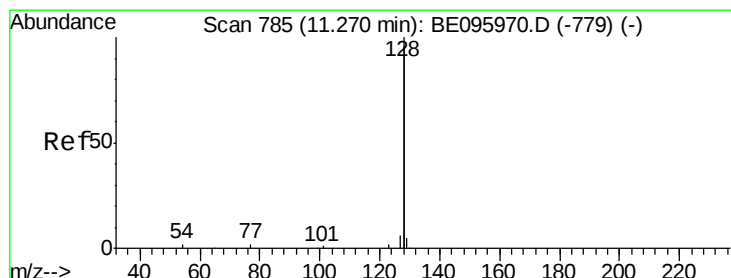
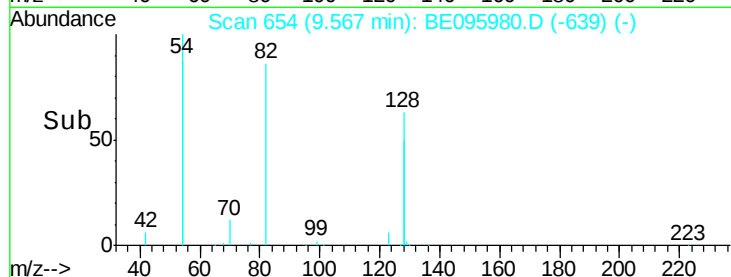
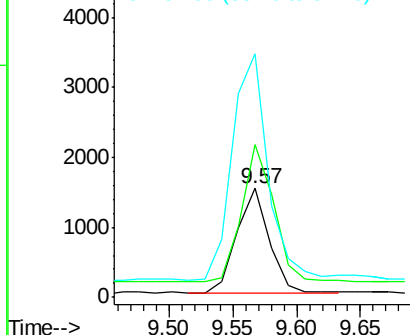
54 223.5 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)



#9

Naphthalene

Concen: 0.073 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

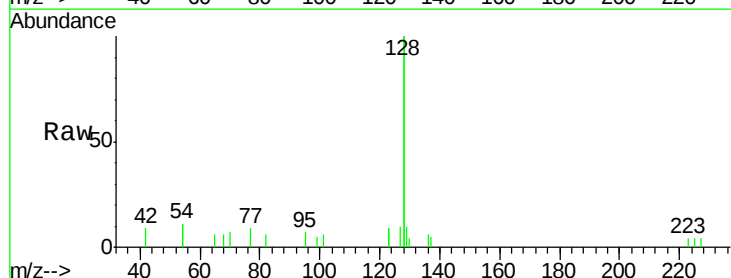
Tgt Ion:128 Resp: 3819

Ion Ratio Lower Upper

128 100

129 4.9 2.6 3.8#

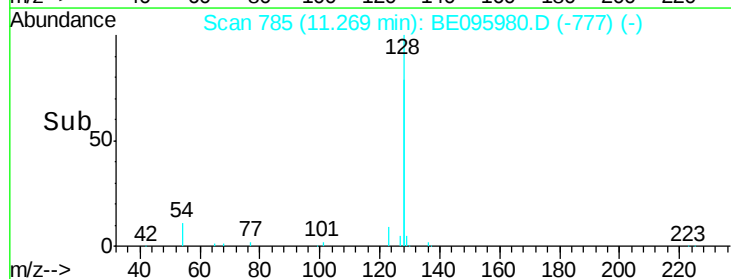
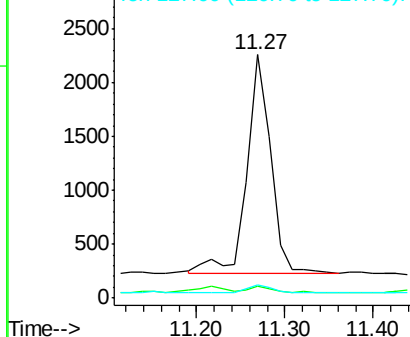
127 5.2 2.8 4.2#

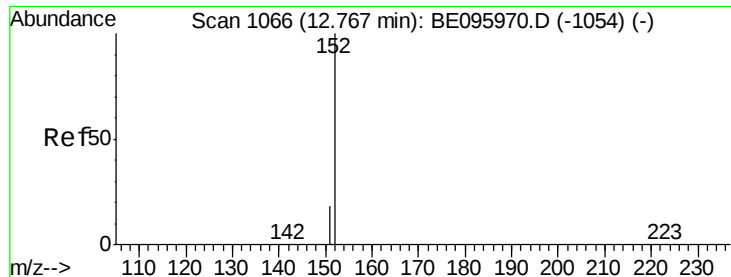


Abundance Ion 128.00 (127.70 to 128.70): BE095970.D (-779) (-)

Ion 129.00 (128.70 to 129.70): BE095970.D (-779) (-)

Ion 127.00 (126.70 to 127.70): BE095970.D (-779) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.421 ng

RT: 12.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

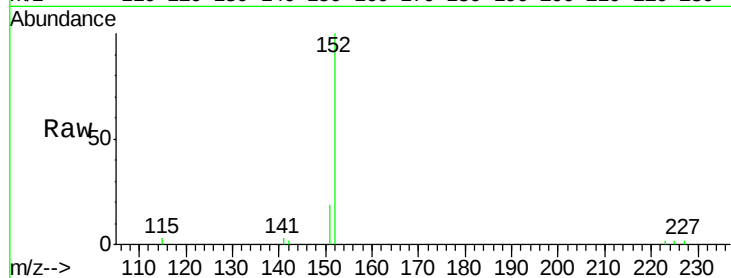
ClientSampleId :

Tot Ion:152 Resp: 3307

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.76

2500

2000

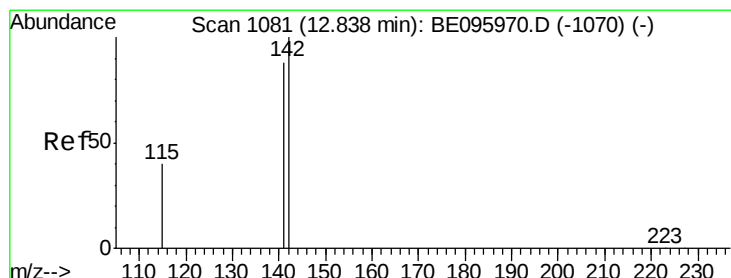
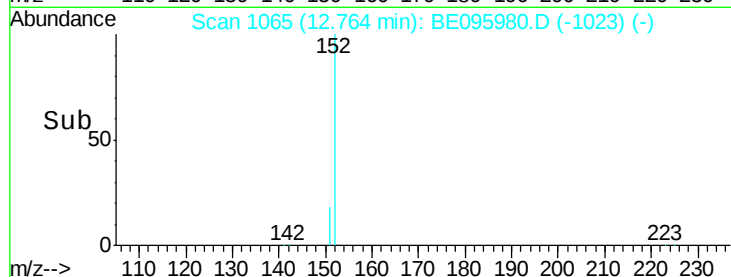
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.035 ng

RT: 12.83 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

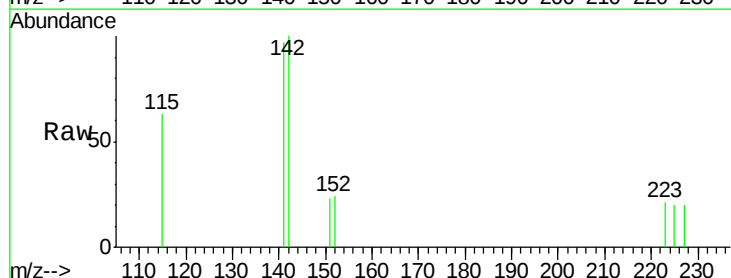
Tgt Ion:142 Resp: 302

Ion Ratio Lower Upper

142 100

141 96.9 70.4 105.6

115 63.1 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

12.83

300

250

200

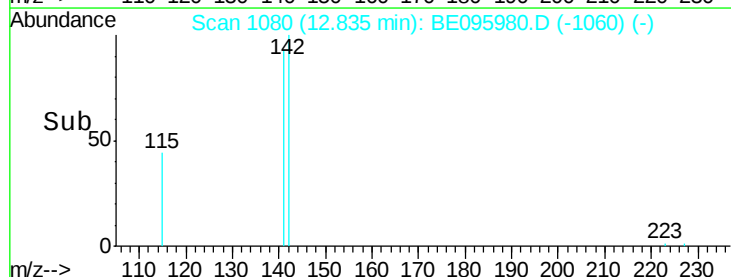
150

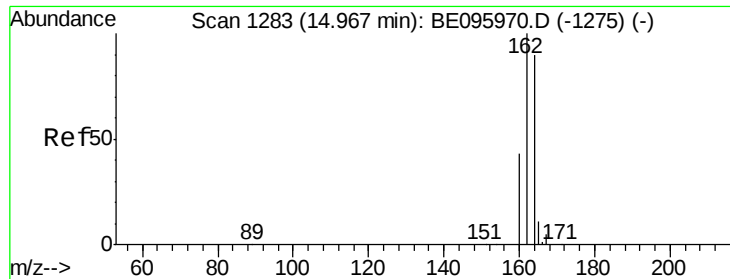
100

50

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

ClientSampleId :

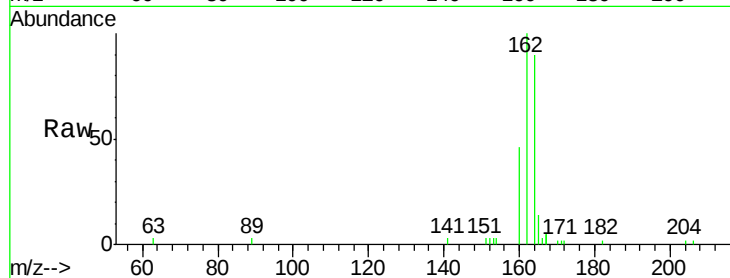
Tot Ion:164 Resp: 2763

Ion Ratio Lower Upper

164 100

162 110.8 83.1 124.7

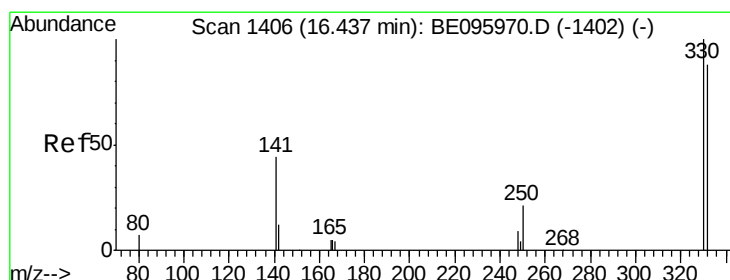
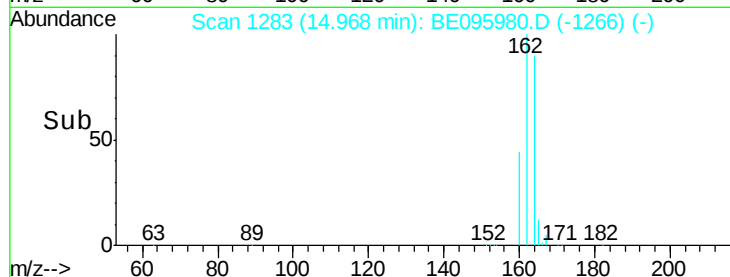
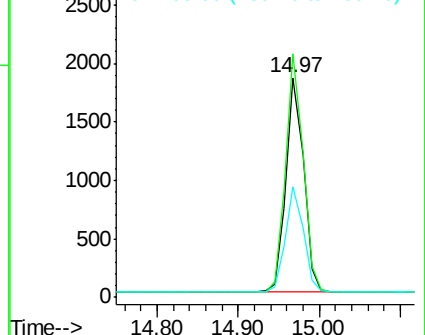
160 50.5 37.1 55.7



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: 0.468 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

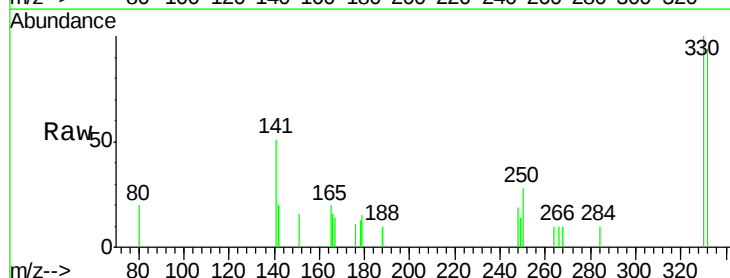
Tgt Ion:330 Resp: 624

Ion Ratio Lower Upper

330 100

332 99.7 152.7 229.1#

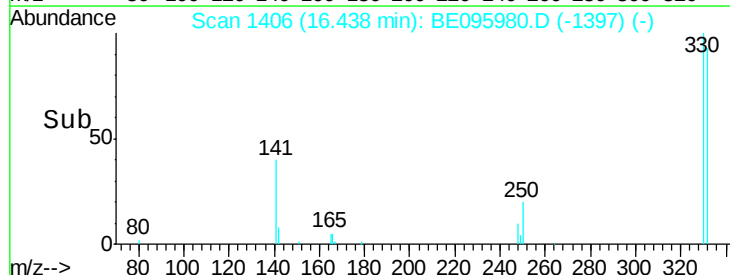
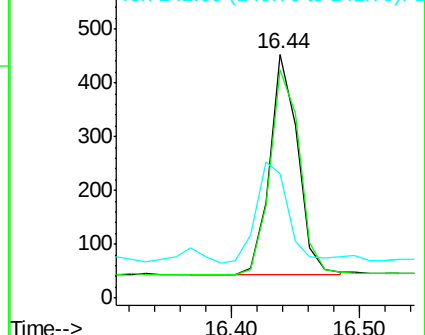
141 53.0 33.7 50.5#

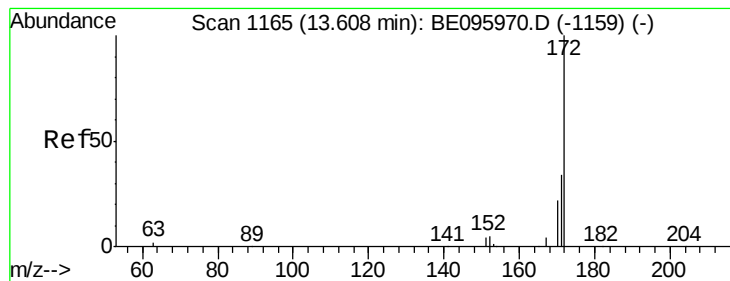


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.662 ng

RT: 13.61 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

ClientSampleId :

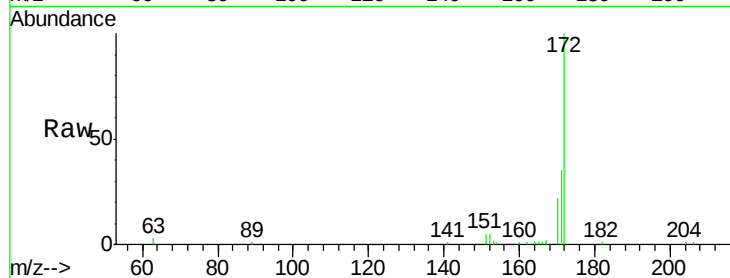
Tot Ion:172 Resp: 7819

Ion Ratio Lower Upper

172 100

171 34.6 29.9 44.9

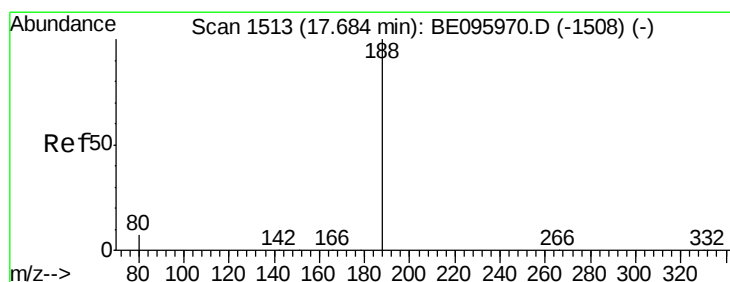
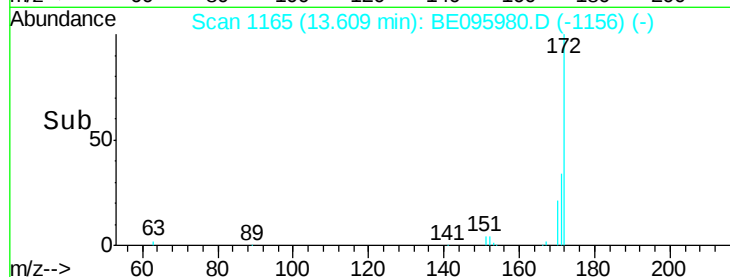
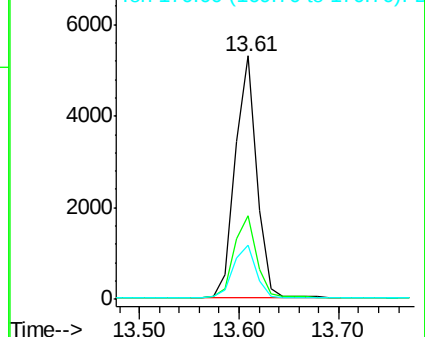
170 22.1 21.8 32.8



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

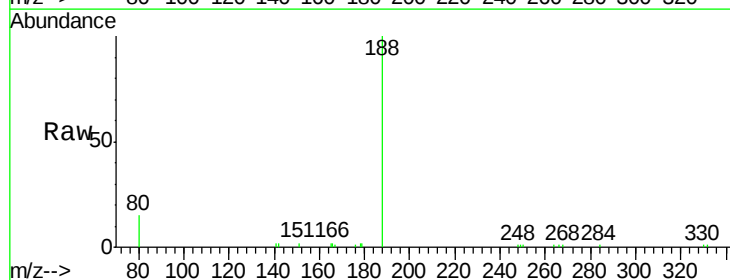
Tgt Ion:188 Resp: 6579

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

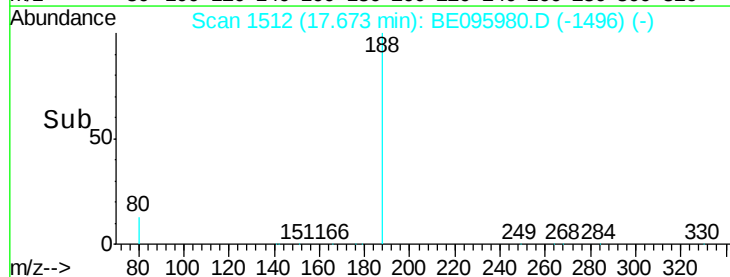
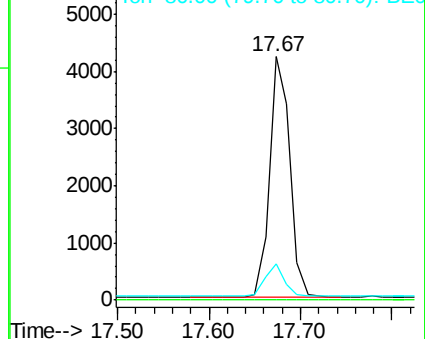
80 15.1 3.6 5.4#

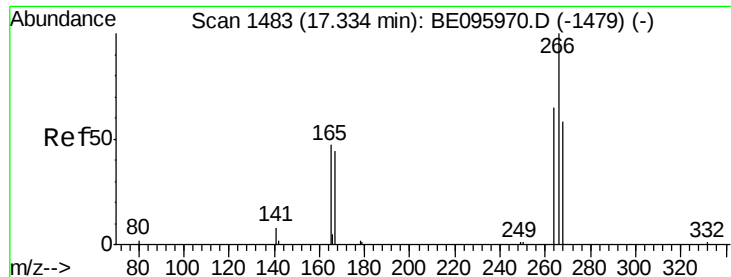


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.147 ng

RT: 17.34 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

ClientSampleId :

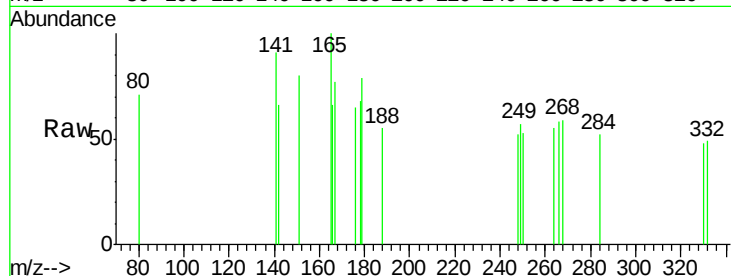
Tot Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 94.3 72.5 108.7

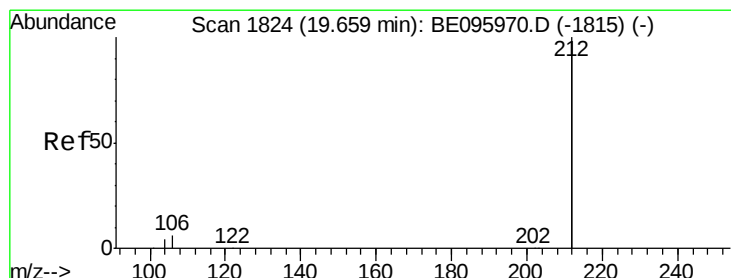
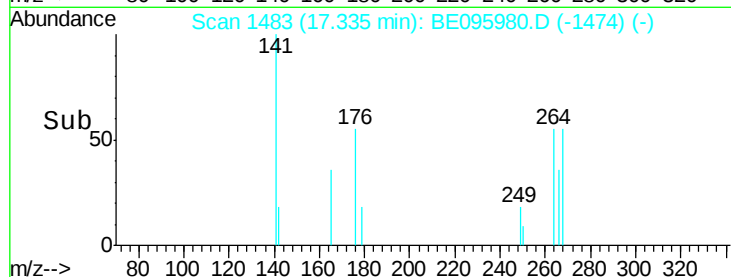
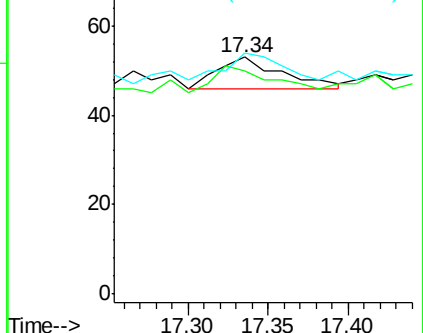
268 101.9 73.8 110.6



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



#25

Fluoranthene-d10

Concen: 0.437 ng

RT: 19.66 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

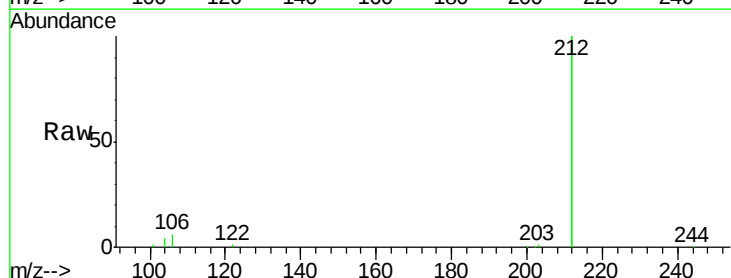
Tgt Ion:212 Resp: 39009

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

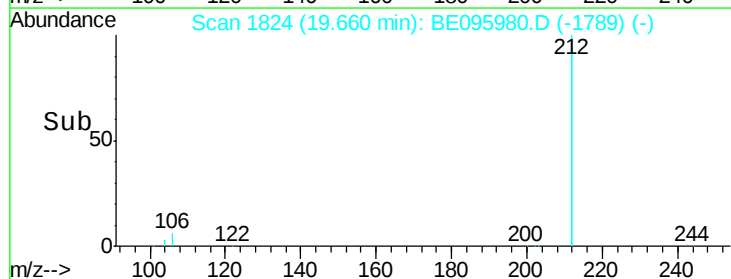
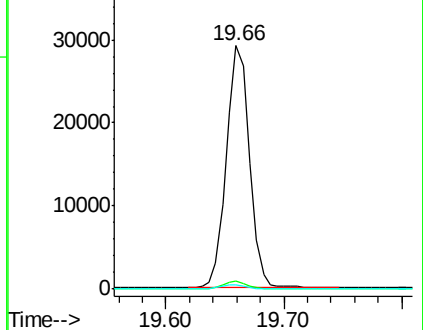
104 1.6 1.6 2.4

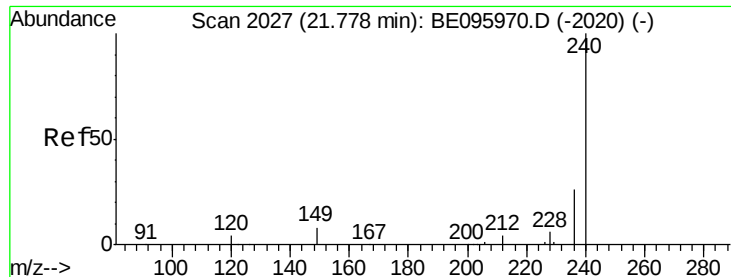


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

ClientSampleId :

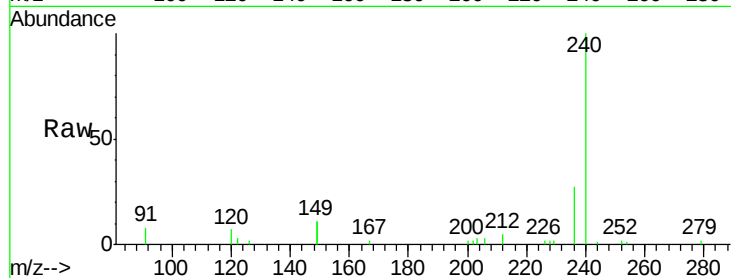
Tot Ion:240 Resp: 7148

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

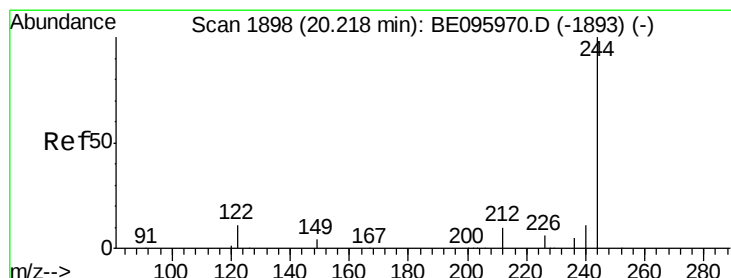
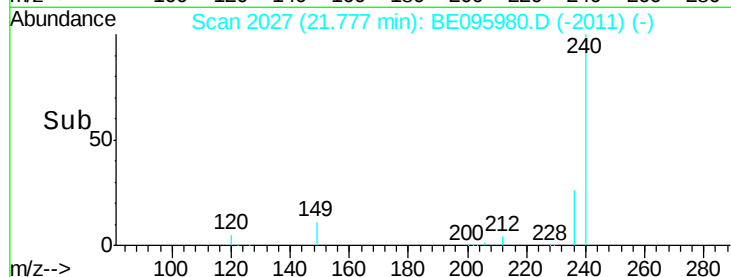
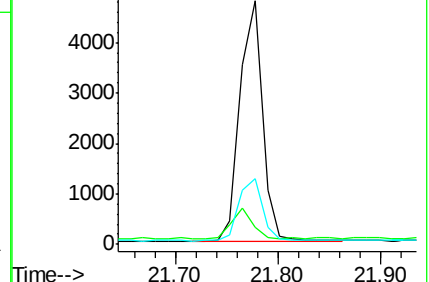
236 27.2 20.7 31.1



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: 0.483 ng

RT: 20.22 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

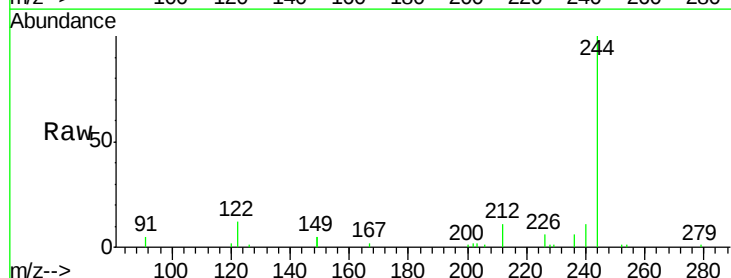
Tgt Ion:244 Resp: 7621

Ion Ratio Lower Upper

244 100

212 10.6 25.4 38.0#

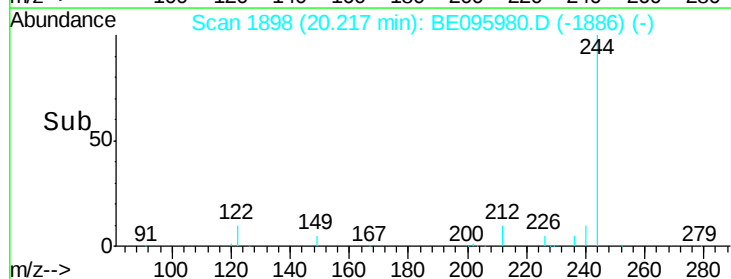
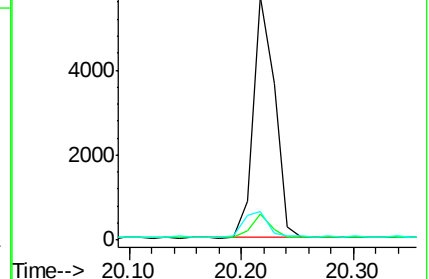
122 11.7 8.1 12.1

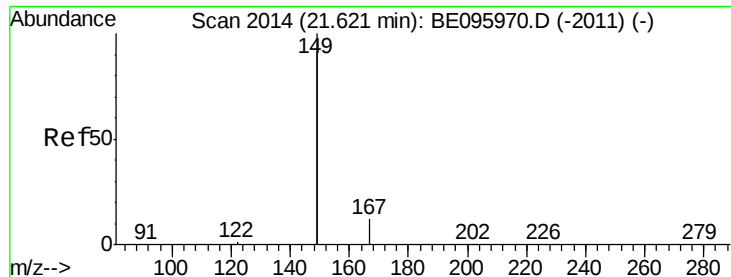


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng

RT: 21.62 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

ClientSampleId :

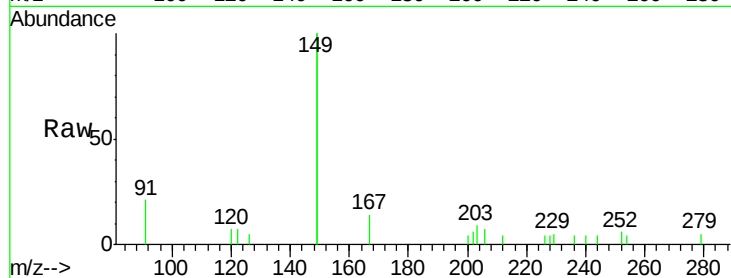
Tot Ion:149 Resp: 3781

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

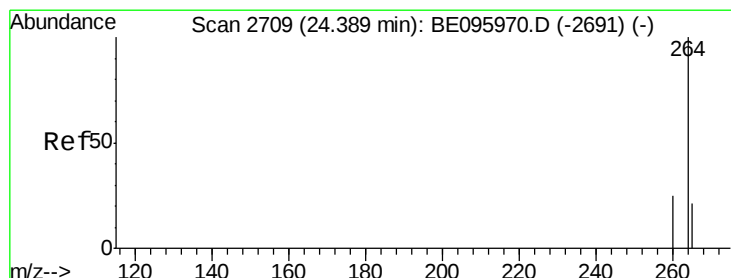
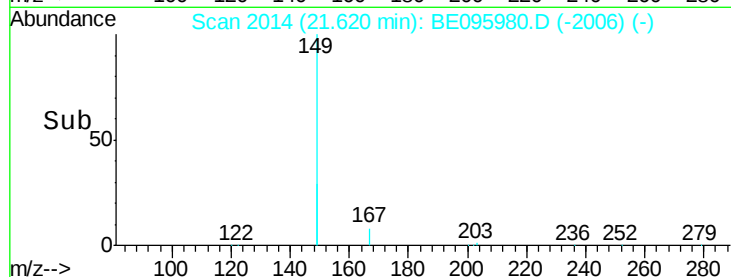
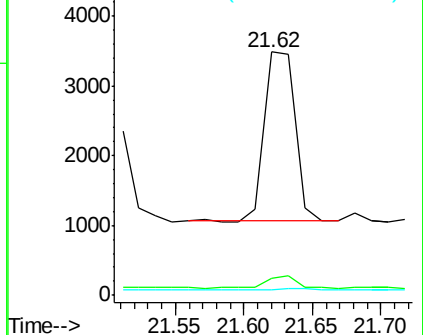
279 1.6 0.7 1.1#



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: 24.39 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

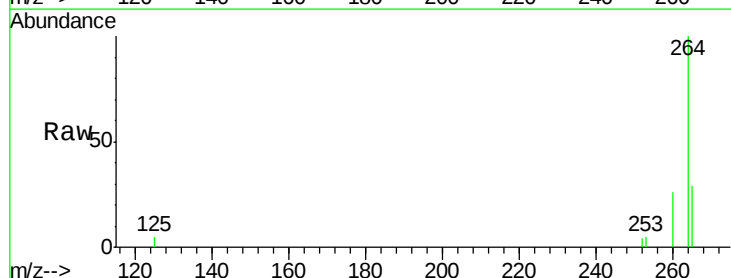
Tgt Ion:264 Resp: 6908

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

265 29.4 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

