

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\
 Data File : BE096220.D
 Acq On : 30 Apr 2018 14:10
 Operator : SJ/JU
 Sample : J2463-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 30 15:01:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	368	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	1359	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	688	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	1701	0.40	ng	0.00
27) Chrysene-d12	21.74	240	1757	0.40	ng	0.00
34) Perylene-d12	24.35	264	1609	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.87	112	69	0.06	ng	0.01
5) Phenol-d6	7.51	99	183	0.12	ng	0.00
8) Nitrobenzene-d5	9.54	82	1405	0.88	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1669	0.77	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	80	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2771	0.94	ng	0.00
25) Fluoranthene-d10	19.63	212	19327	0.84	ng	0.00
29) Terphenyl-d14	20.19	244	3113	0.80	ng	0.00

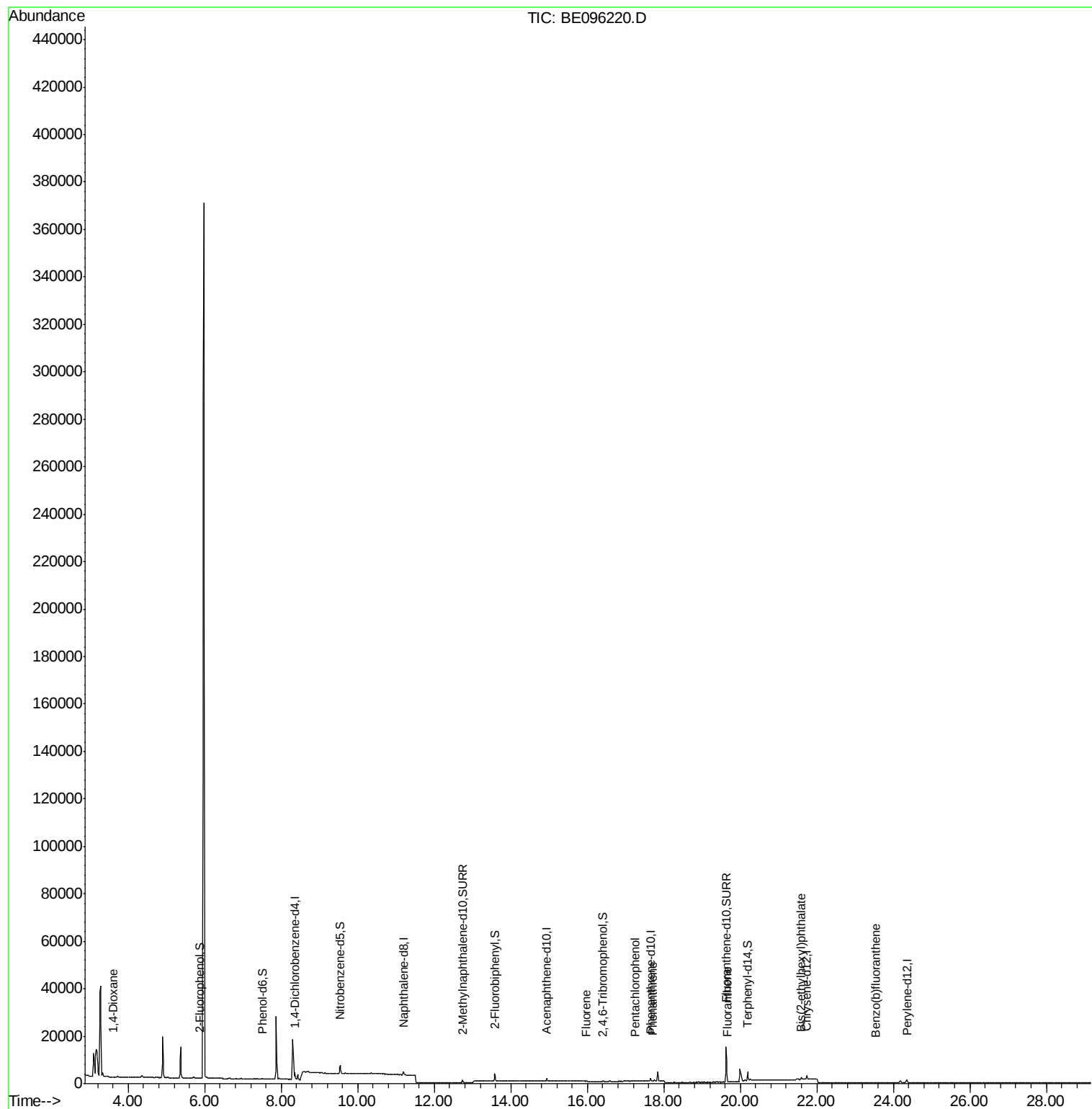
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	12	0.021	ng	# 62
18) Fluorene	15.97	166	141	0.052	ng	# 79
22) Pentachlorophenol	17.25	266	31	0.202	ng	# 73
23) Phenanthrene	17.70	178	376	0.079	ng	# 81
26) Fluoranthene	19.67	202	248	0.039	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.60	149	1325	0.091	ng	# 98
35) Benzo(b)fluoranthene	23.54	252	105	0.022	ng	# 1

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

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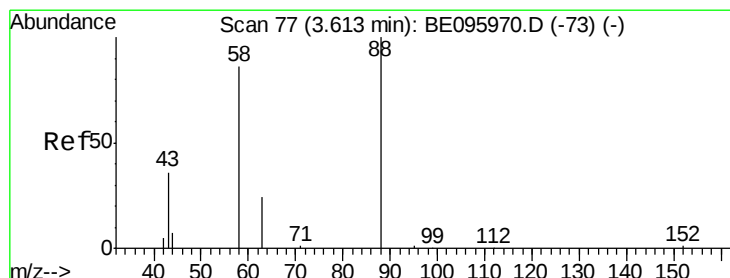
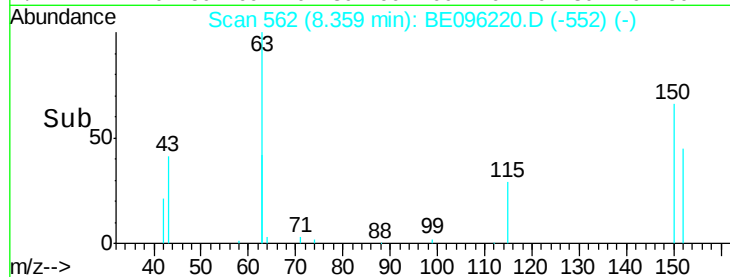
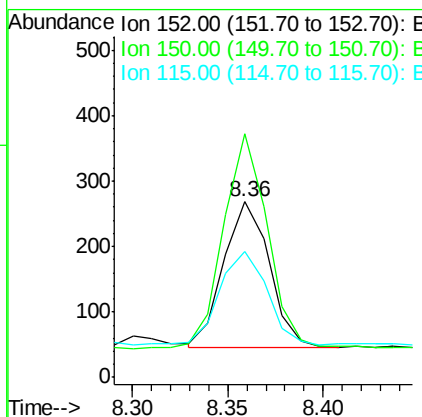
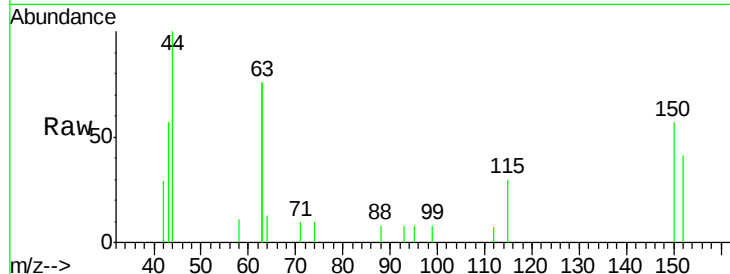


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BE096220.D
 Acq: 30 Apr 2018 14:10

Instrument :
 BNA_E
 ClientSampled :

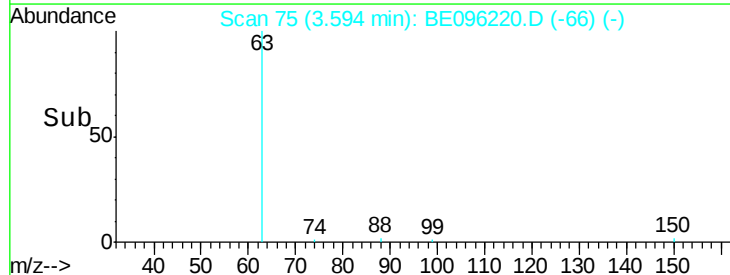
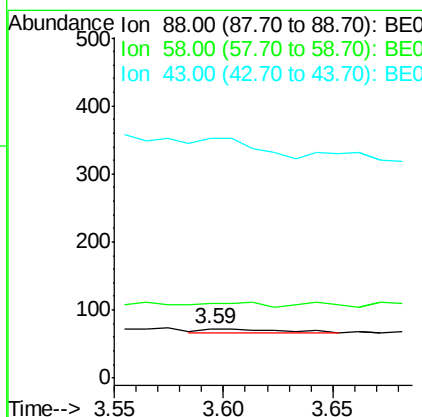
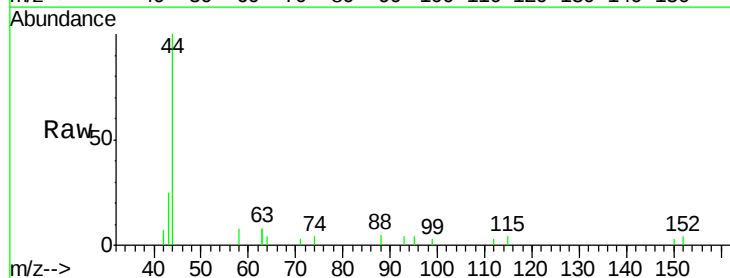
Tot Ion:152 Resp: 368
 Ion Ratio Lower Upper
 152 100
 150 138.8 117.2 175.8
 115 72.0 57.0 85.6

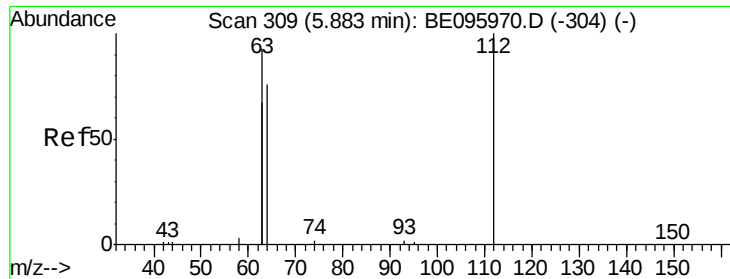


#2

1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.59 min Scan# 75
 Delta R.T. -0.01 min
 Lab File: BE096220.D
 Acq: 30 Apr 2018 14:10

Tgt Ion: 88 Resp: 12
 Ion Ratio Lower Upper
 88 100
 58 91.7 63.2 94.8
 43 0.0 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.061 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096220.D

Acq: 30 Apr 2018 14:10

Instrument :

BNA_E

ClientSampleId :

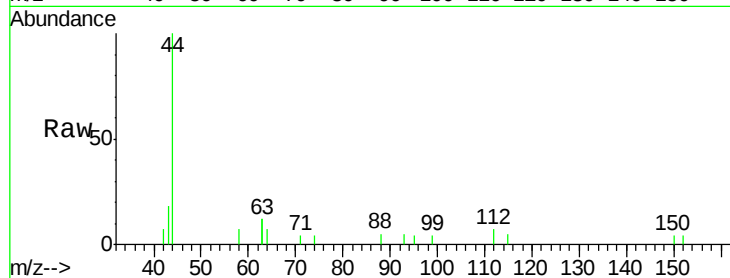
Tot Ion:112 Resp: 69

Ion Ratio Lower Upper

112 100

64 75.4 60.1 90.1

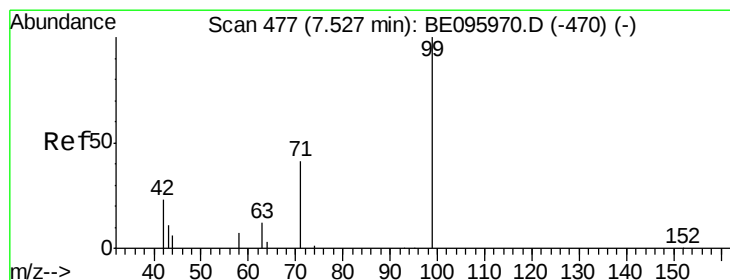
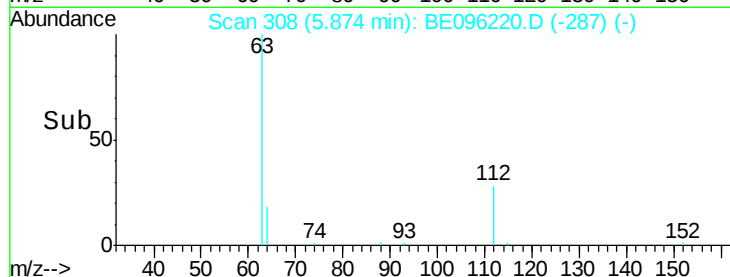
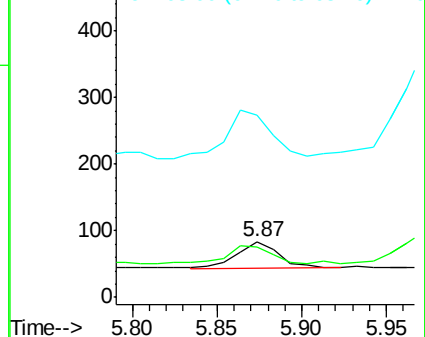
63 198.6 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): BE096220.D (-287) (-)

Ion 64.00 (63.70 to 64.70): BE096220.D (-287) (-)

Ion 63.00 (62.70 to 63.70): BE096220.D (-287) (-)



#5

Phenol-d6

Concen: 0.117 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.00 min

Lab File: BE096220.D

Acq: 30 Apr 2018 14:10

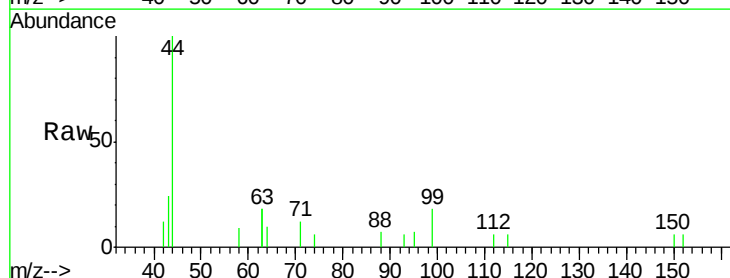
Tgt Ion: 99 Resp: 183

Ion Ratio Lower Upper

99 100

42 27.9 20.2 30.2

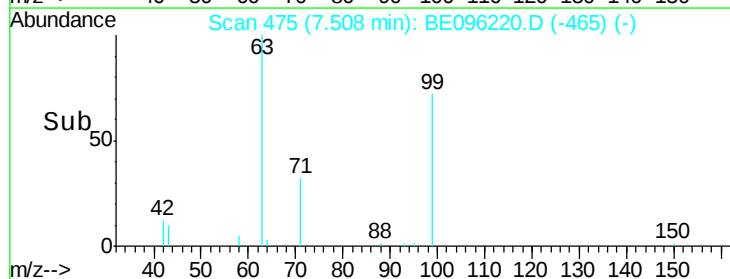
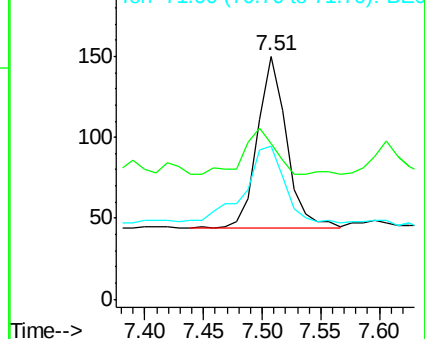
71 61.7 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE096220.D (-465) (-)

Ion 42.00 (41.70 to 42.70): BE096220.D (-465) (-)

Ion 71.00 (70.70 to 71.70): BE096220.D (-465) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096220.D

Acq: 30 Apr 2018 14:10

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 1359

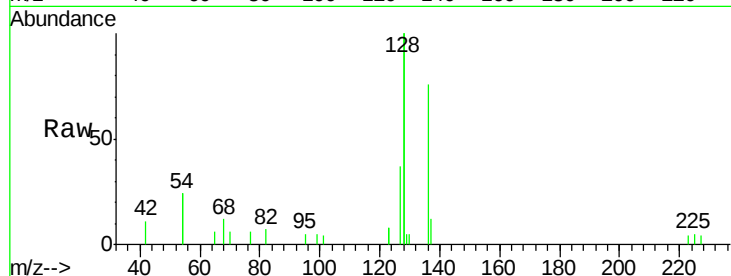
Ion Ratio Lower Upper

136 100

137 15.4 9.5 14.3#

54 62.7 29.1 43.7#

68 15.2 6.2 9.2#

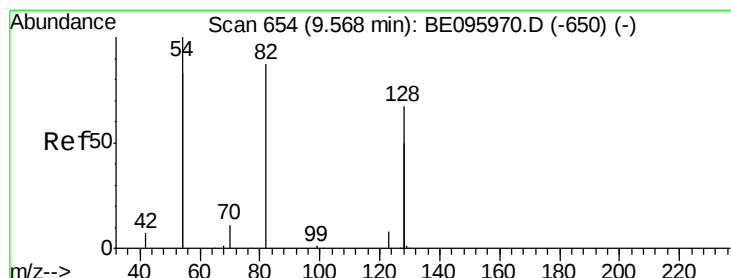
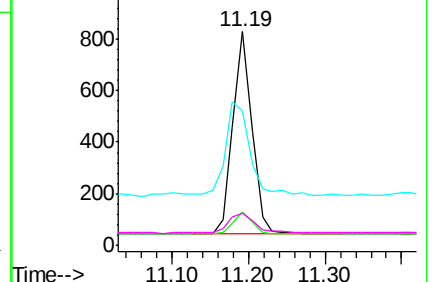
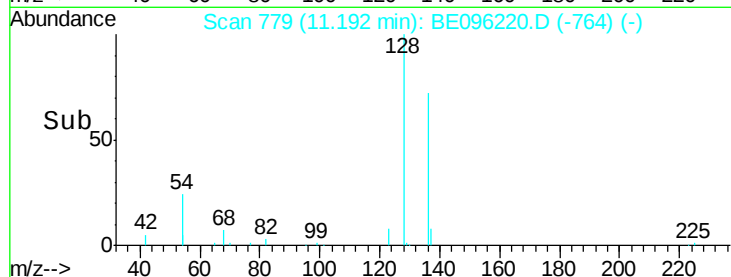


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.881 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096220.D

Acq: 30 Apr 2018 14:10

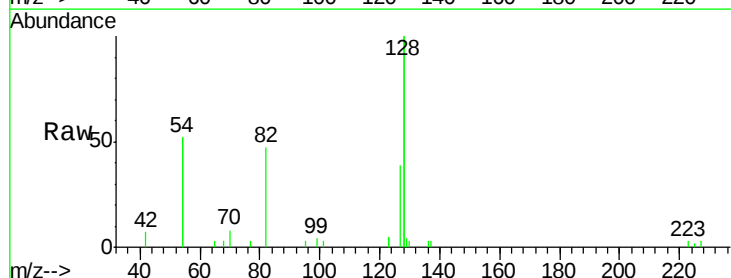
Tgt Ion: 82 Resp: 1405

Ion Ratio Lower Upper

82 100

128 425.3 150.0 225.0#

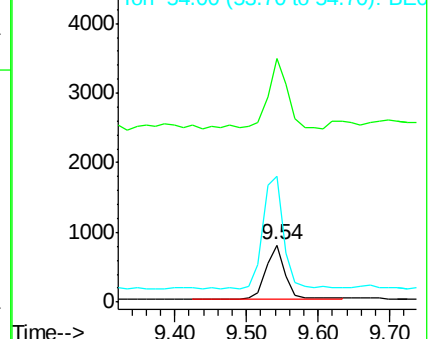
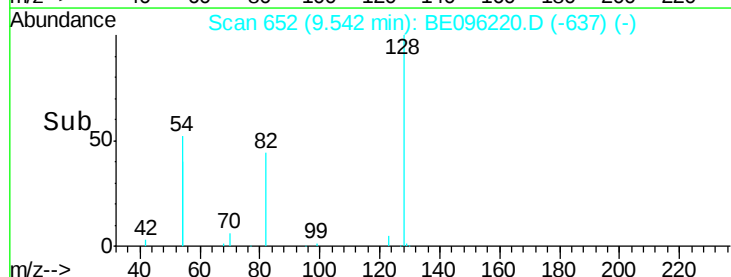
54 219.5 154.2 231.4

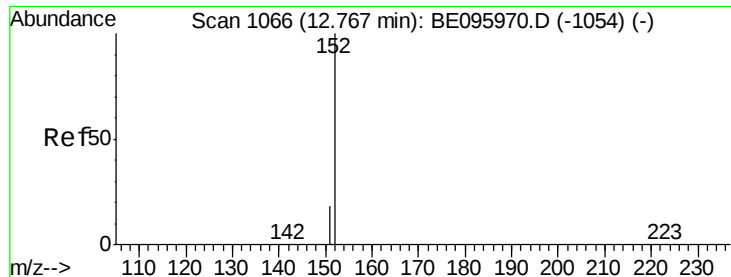


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

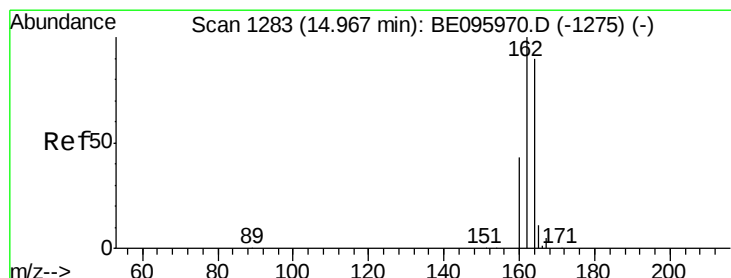
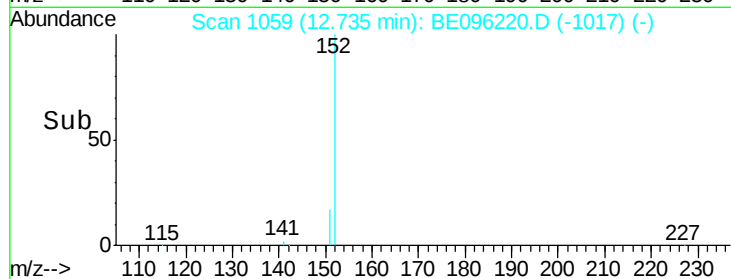
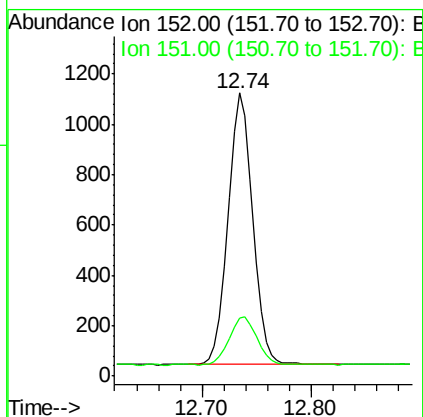
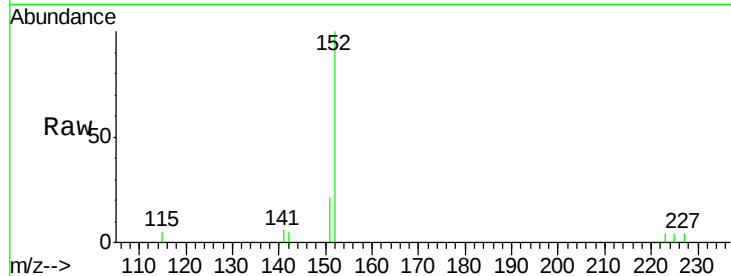




#11
 2-Methylnaphthalene-d10
 Concen: 0.775 ng
 RT: 12.74 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BE096220.D
 Acq: 30 Apr 2018 14:10

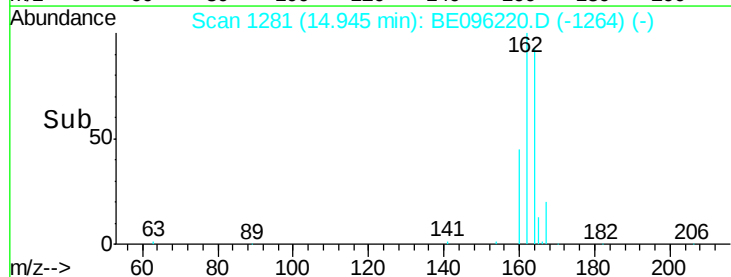
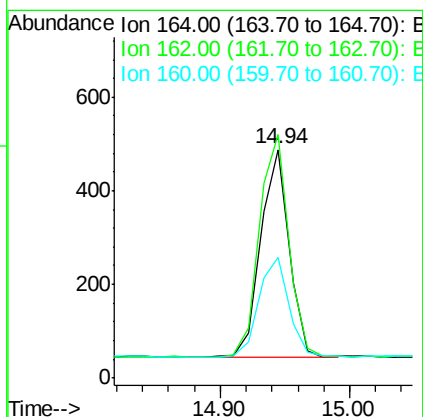
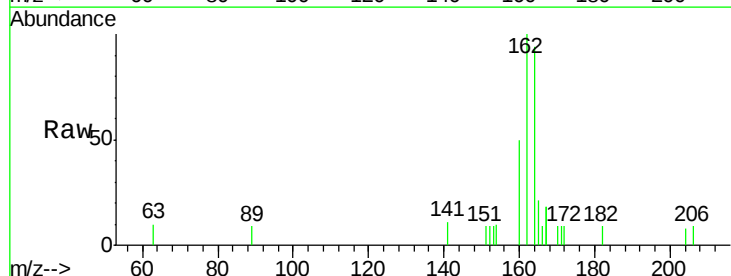
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1669
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.94 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BE096220.D
 Acq: 30 Apr 2018 14:10

Tgt Ion:164 Resp: 688
 Ion Ratio Lower Upper
 164 100
 162 106.6 83.1 124.7
 160 52.9 37.1 55.7

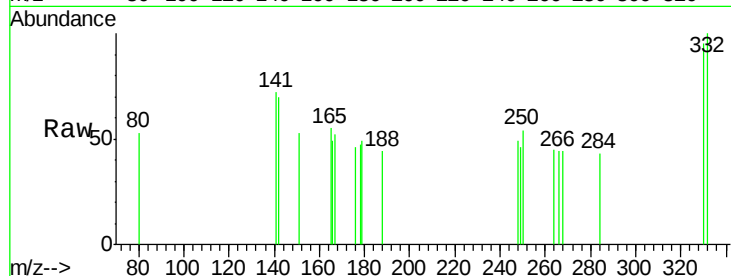




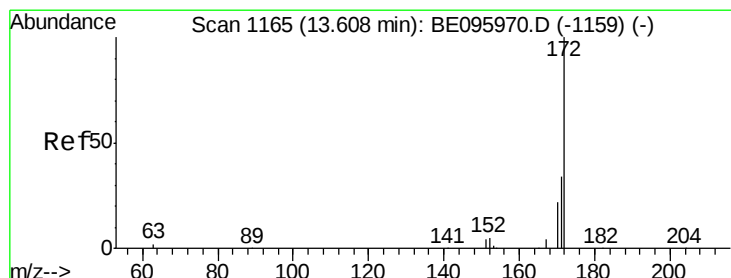
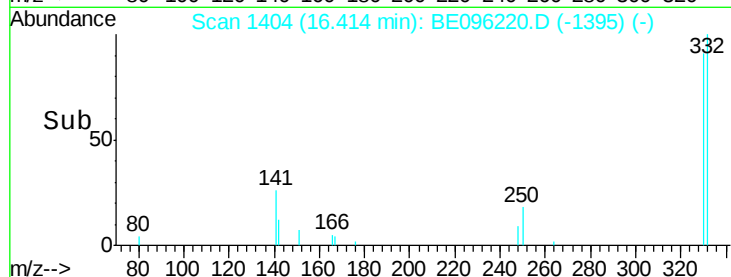
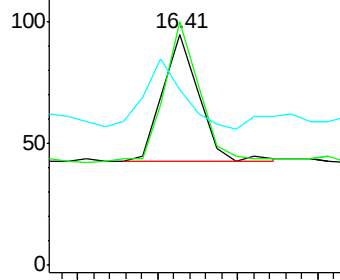
#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096220.D
Acq: 30 Apr 2018 14:10

Instrument :
BNA_E
ClientSampled :

Tot Ion:330 Resp: 80
Ion Ratio Lower Upper
330 100
332 113.8 152.7 229.1#
141 60.0 33.7 50.5#

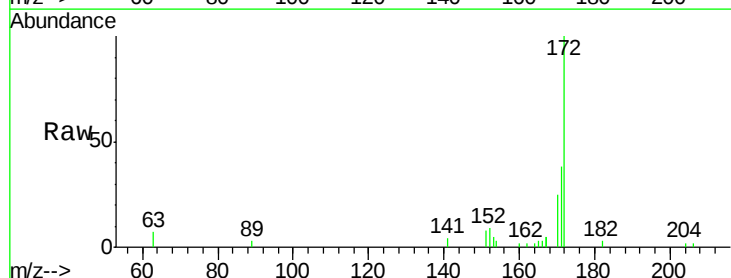


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

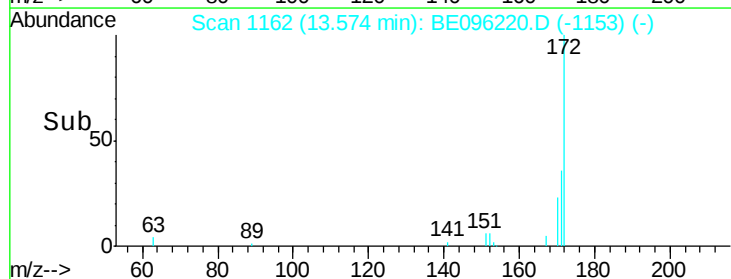
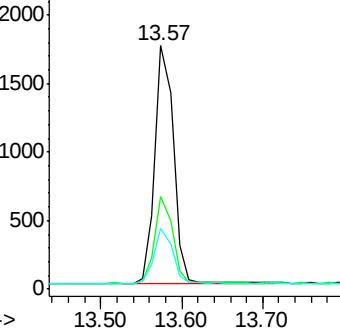


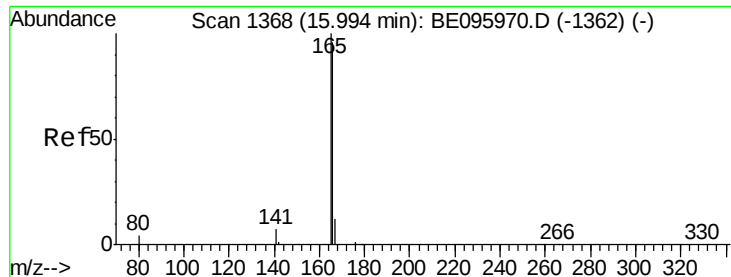
#15
2-Fluorobiphenyl
Concen: 0.941 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096220.D
Acq: 30 Apr 2018 14:10

Tgt Ion:172 Resp: 2771
Ion Ratio Lower Upper
172 100
171 38.0 29.9 44.9
170 25.0 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





#18

Fluorene

Concen: 0.052 ng

RT: 15.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE096220.D

Acq: 30 Apr 2018 14:10

Instrument :

BNA_E

ClientSampleId :

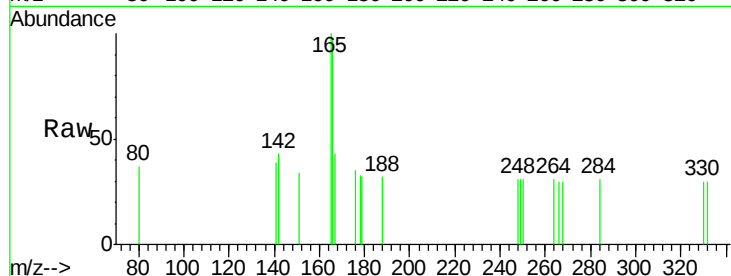
Tot Ion:166 Resp: 141

Ion Ratio Lower Upper

166 100

165 105.0 77.8 116.6

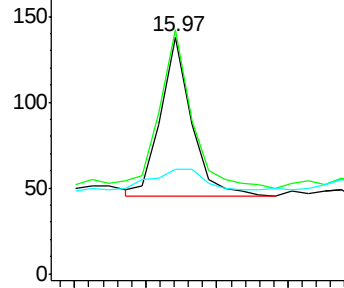
167 21.3 42.4 63.6#



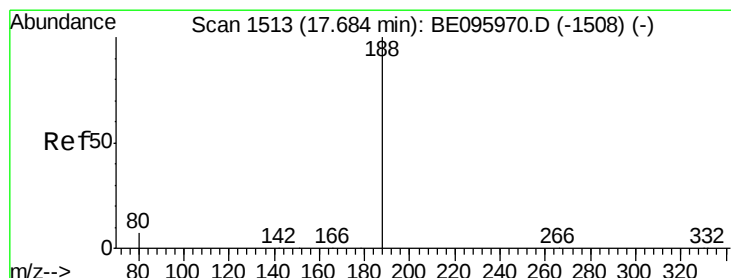
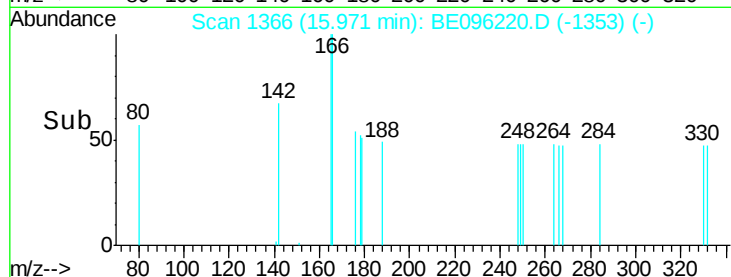
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096220.D

Acq: 30 Apr 2018 14:10

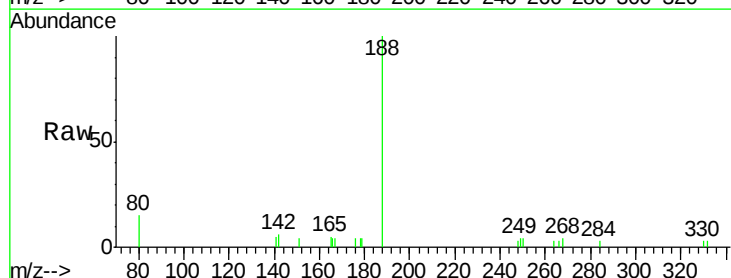
Tgt Ion:188 Resp: 1701

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

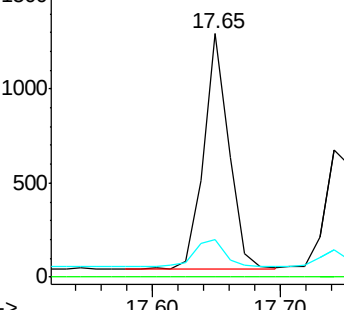
80 15.3 3.6 5.4#



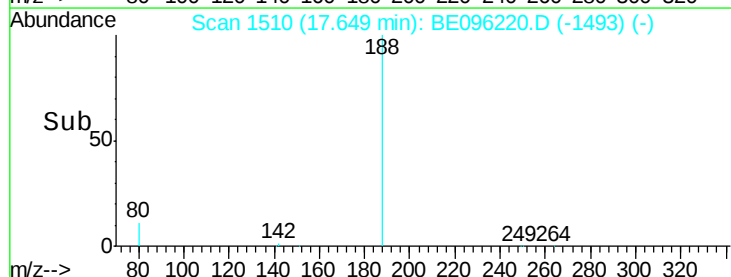
Abundance Ion 188.00 (187.70 to 188.70): E

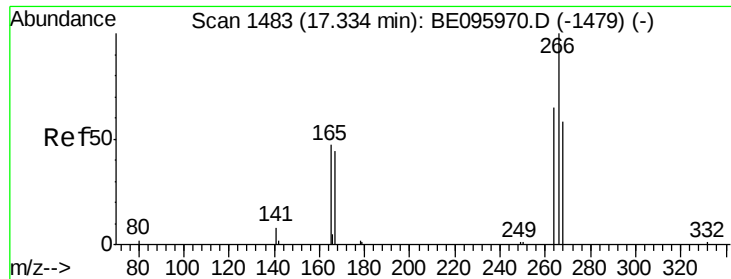
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->

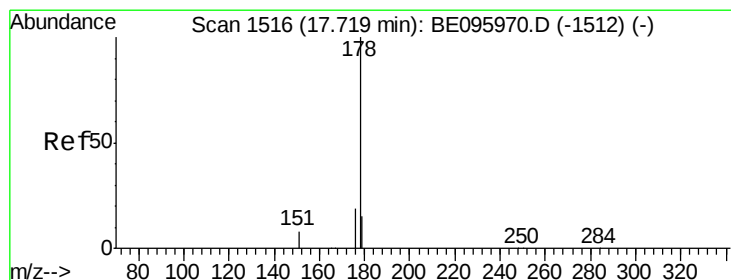
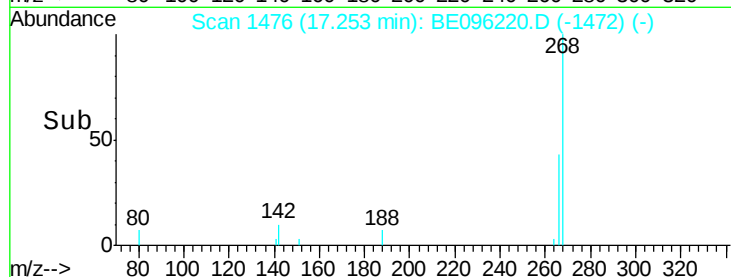
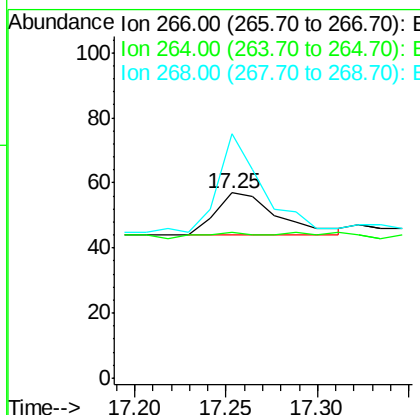
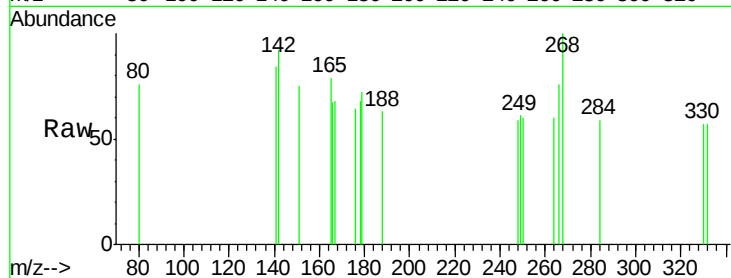




#22
 Pentachlorophenol
 Concen: 0.202 ng
 RT: 17.25 min Scan# 1476
 Delta R.T. -0.06 min
 Lab File: BE096220.D
 Acq: 30 Apr 2018 14:10

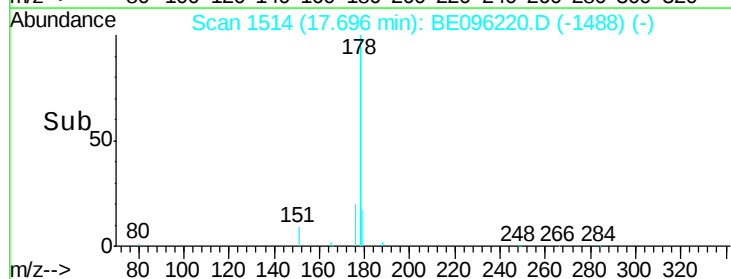
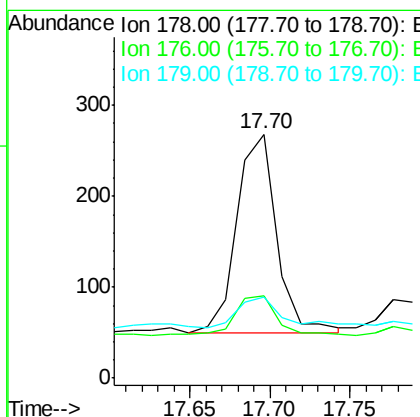
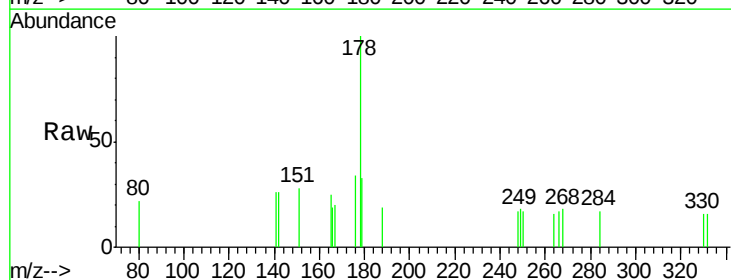
Instrument :
 BNA_E
 ClientSampled :

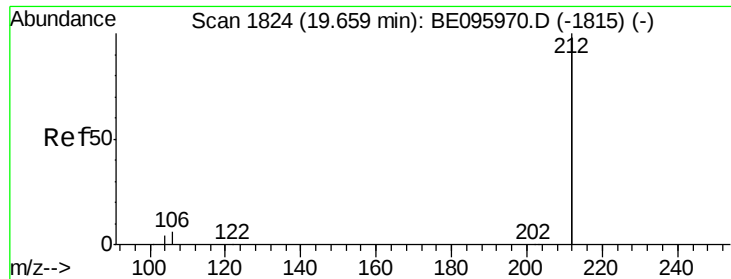
Tot Ion:266 Resp: 31
 Ion Ratio Lower Upper
 266 100
 264 78.9 72.5 108.7
 268 131.6 73.8 110.6#



#23
 Phenanthrene
 Concen: 0.079 ng
 RT: 17.70 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BE096220.D
 Acq: 30 Apr 2018 14:10

Tgt Ion:178 Resp: 376
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.1 22.7
 179 0.0 11.8 17.6#





#25

Fluoranthene-d10

Concen: 0.837 ng

RT: 19.63 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BE096220.D

Acq: 30 Apr 2018 14:10

Instrument :

BNA_E

ClientSampleId :

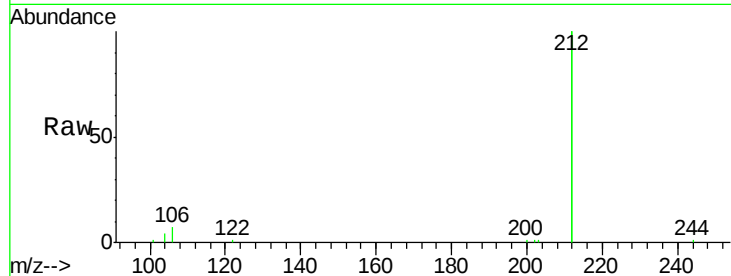
Tot Ion:212 Resp: 19327

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

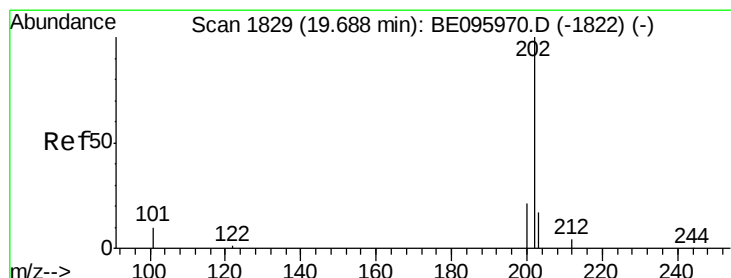
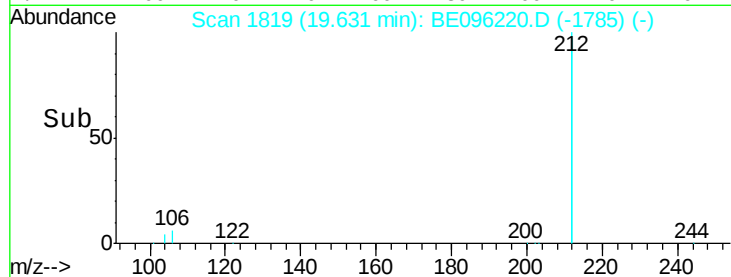
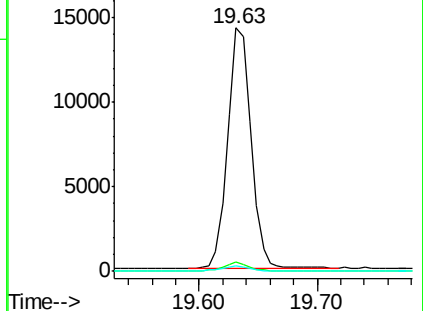
104 1.8 1.6 2.4



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



#26

Fluoranthene

Concen: 0.039 ng

RT: 19.67 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE096220.D

Acq: 30 Apr 2018 14:10

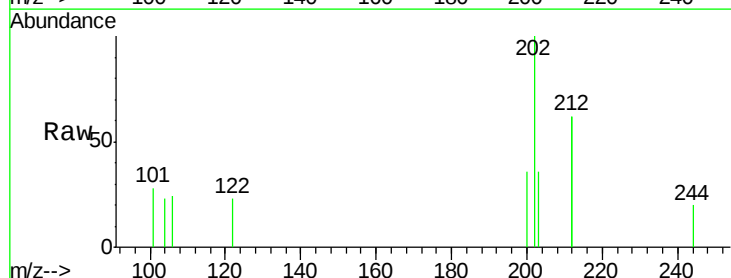
Tgt Ion:202 Resp: 248

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

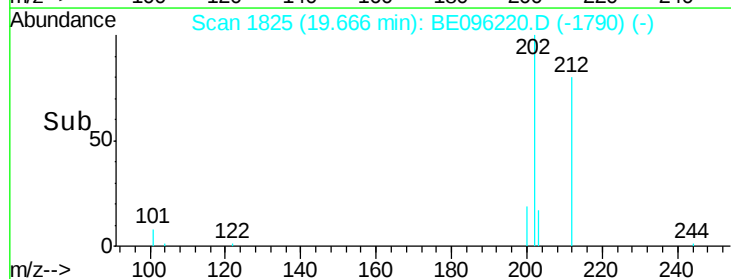
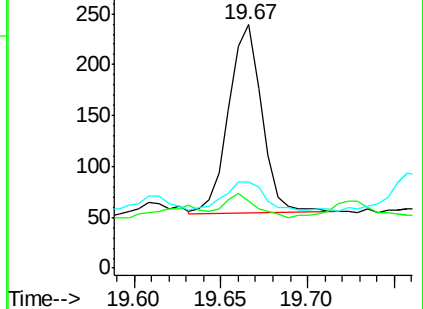
203 17.7 13.7 20.5

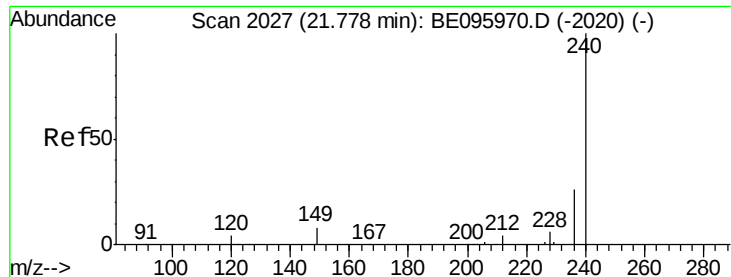


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096220.D

Acq: 30 Apr 2018 14:10

Instrument :

BNA_E

ClientSampleId :

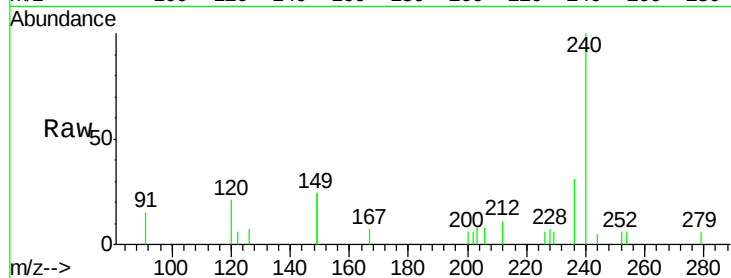
Tot Ion:240 Resp: 1757

Ion Ratio Lower Upper

240 100

120 20.7 5.5 8.3#

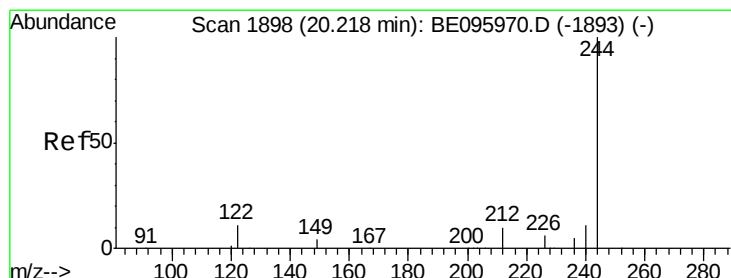
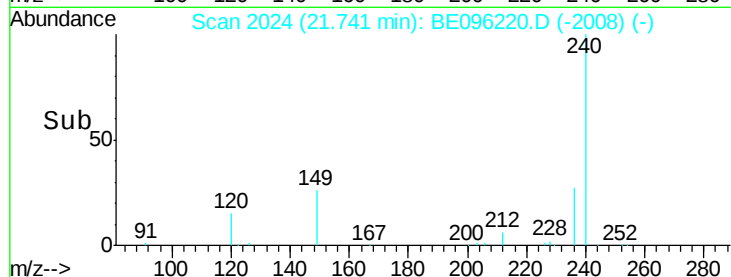
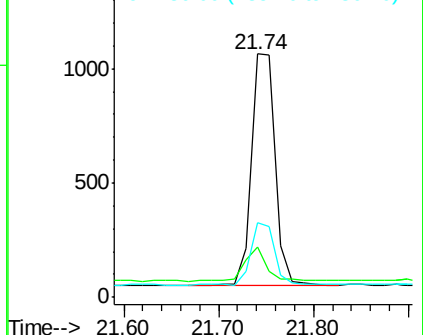
236 30.8 20.7 31.1



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: 0.802 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096220.D

Acq: 30 Apr 2018 14:10

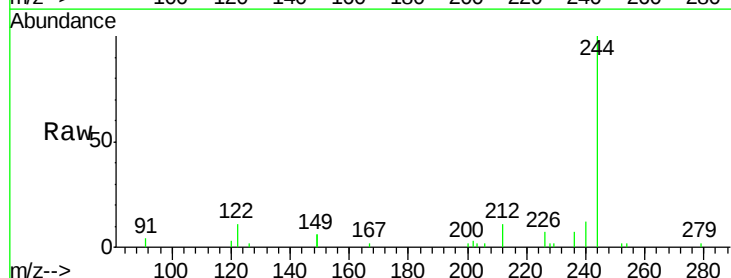
Tgt Ion:244 Resp: 3113

Ion Ratio Lower Upper

244 100

212 11.2 25.4 38.0#

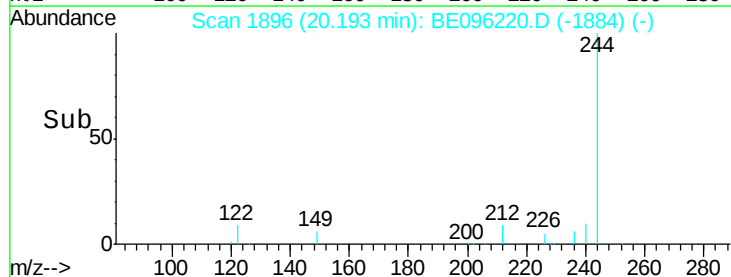
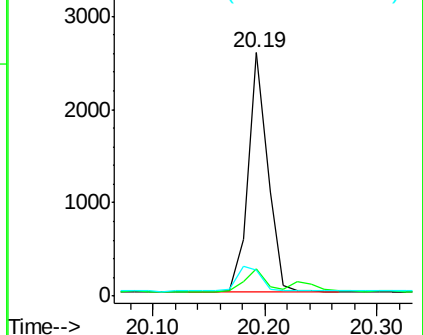
122 10.9 8.1 12.1

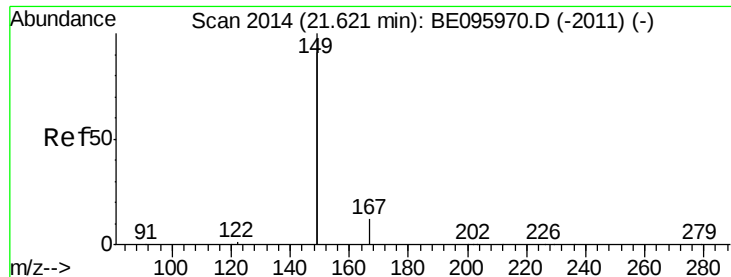


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

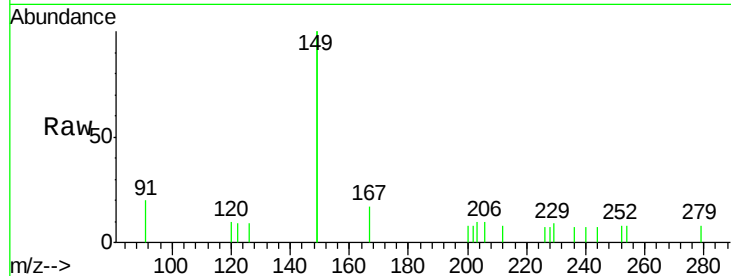




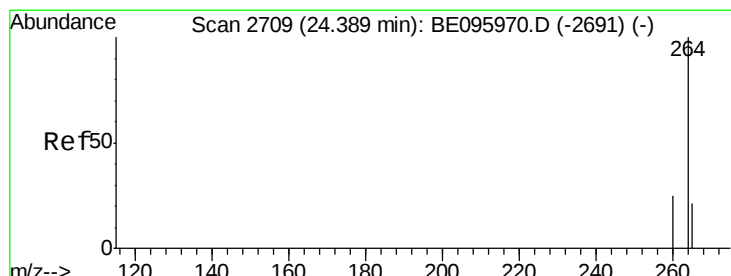
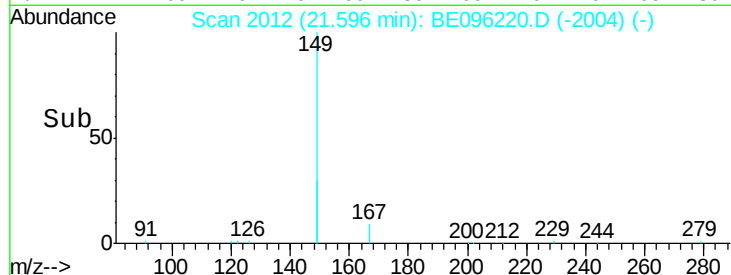
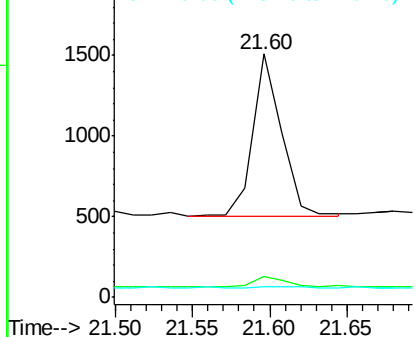
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.091 ng
 RT: 21.60 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BE096220.D
 Acq: 30 Apr 2018 14:10

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1325
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.4 8.0
 279 1.3 0.7 1.1#

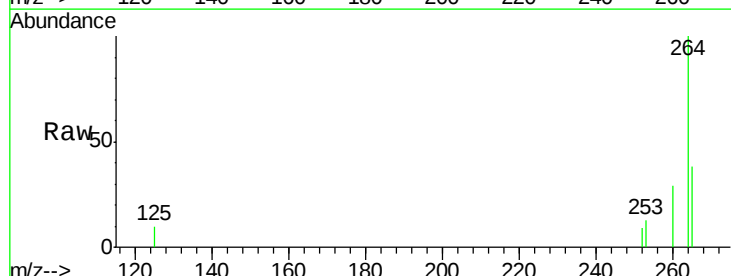


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

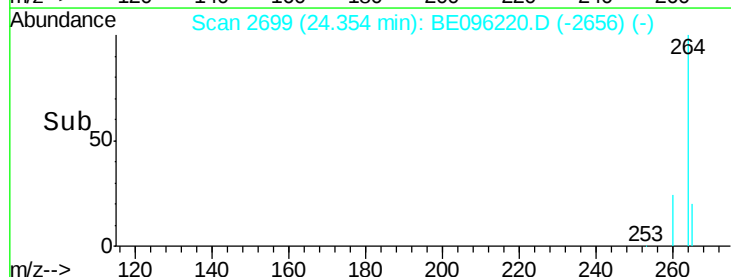
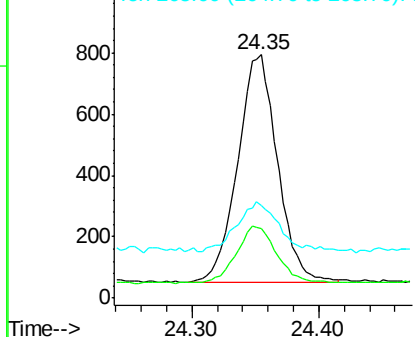


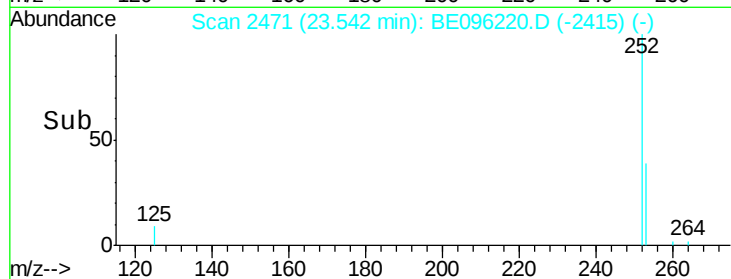
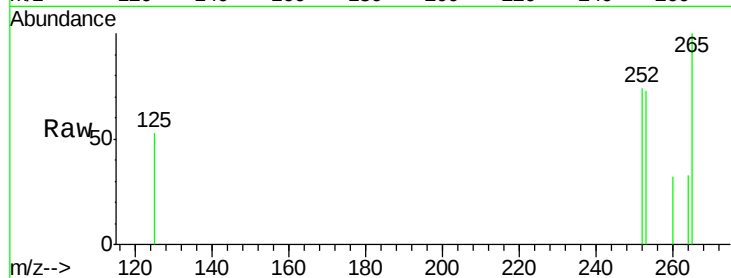
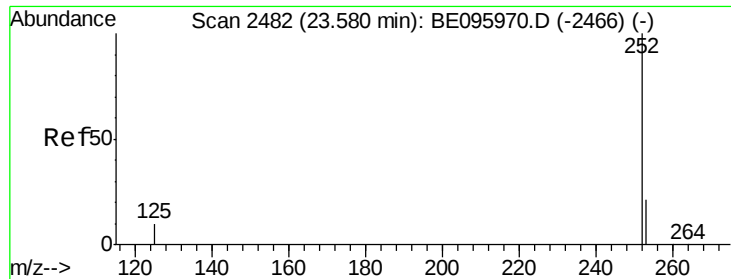
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.35 min Scan# 2699
 Delta R.T. 0.00 min
 Lab File: BE096220.D
 Acq: 30 Apr 2018 14:10

Tgt Ion:264 Resp: 1609
 Ion Ratio Lower Upper
 264 100
 260 28.7 20.5 30.7
 265 38.2 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





#35

Benzo(b)fluoranthene

Concen: 0.022 ng

RT: 23.54 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BE096220.D

Acq: 30 Apr 2018 14:10

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 105

Ion Ratio Lower Upper

252 100

253 98.3 20.0 30.0#

125 72.0 16.0 24.0#

