

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095727.D
 Acq On : 12 Mar 2018 13:14
 Operator : SJ/JU
 Sample : J1867-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 12 14:34:19 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	8.43	152	1678	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	6588	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	4608	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	8631	0.40	ng	0.00
27) Chrysene-d12	21.80	240	8722	0.40	ng	0.00
34) Perylene-d12	24.43	264	8194	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	776	0.18	ng	0.00
5) Phenol-d6	7.56	99	727	0.12	ng	0.00
8) Nitrobenzene-d5	9.61	82	2697	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	4079	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	736	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6909	0.34	ng	0.00
25) Fluoranthene-d10	19.69	212	42669	0.38	ng	0.00
29) Terphenyl-d14	20.25	244	6853	0.39	ng	0.00

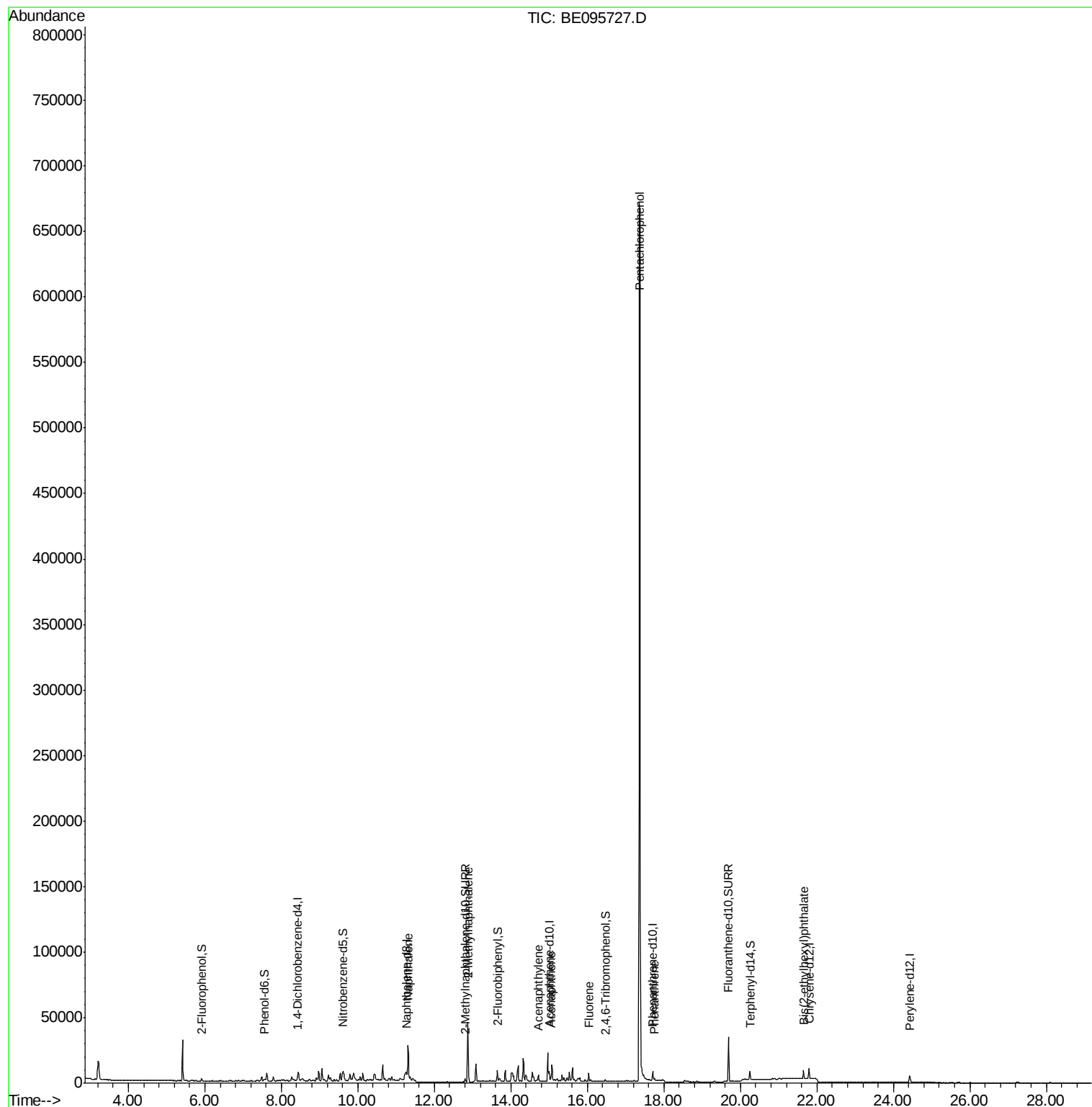
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	11.31	128	44727	0.589	ng	# 96
12) 2-Methylnaphthalene	12.87	142	31273	2.387	ng	# 97
16) Acenaphthylene	14.73	152	902	0.035	ng	# 1
17) Acenaphthene	15.06	154	2163	0.133	ng	# 56
18) Fluorene	16.03	166	4532	0.225	ng	# 81
22) Pentachlorophenol	17.37	266	360391	175.119	ng	# 71
23) Phenanthrene	17.75	178	1481	0.055	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.66	149	7786	0.155	ng	# 98

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

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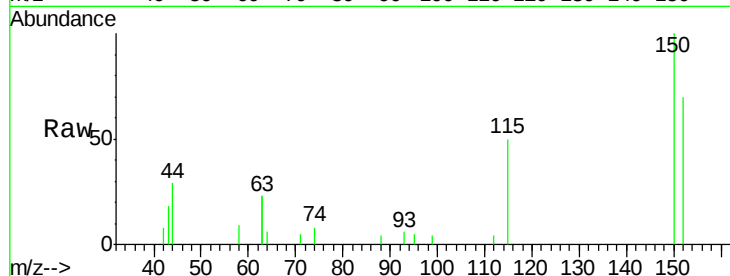


#1

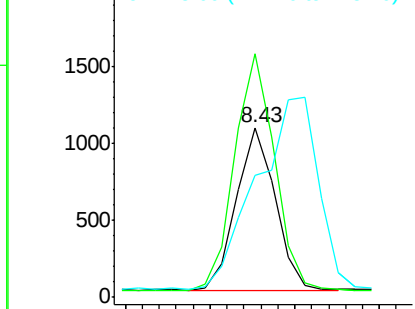
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095727.D
Acq: 12 Mar 2018 13:14

Instrument :
BNA_E
ClientSampleId :

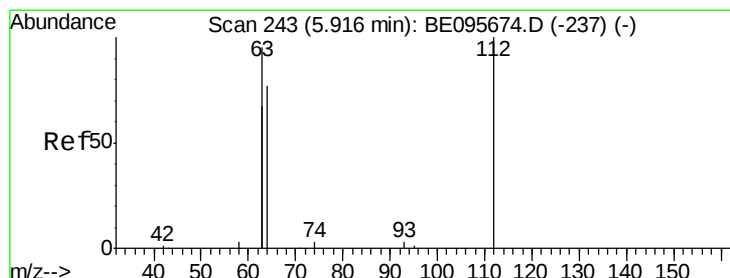
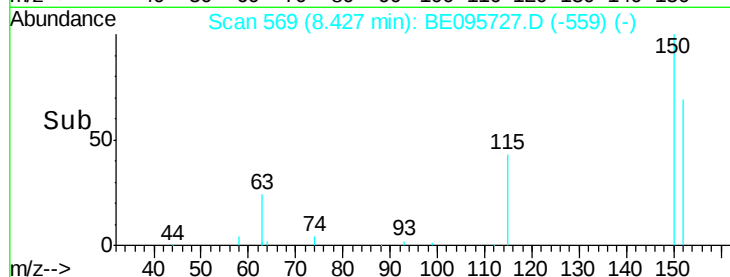
Tot Ion:152 Resp: 1678
Ion Ratio Lower Upper
152 100
150 143.3 117.2 175.8
115 72.1 57.0 85.6



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



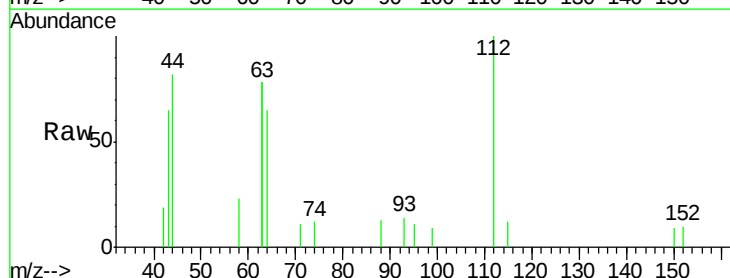
Time--> 8.35 8.40 8.45 8.50



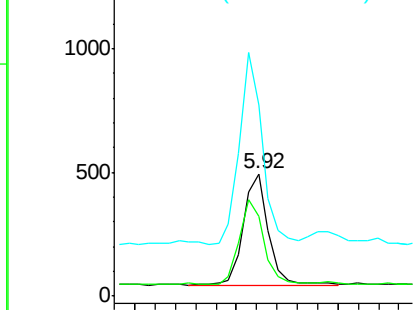
#4

2-Fluorophenol
Concen: 0.175 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095727.D
Acq: 12 Mar 2018 13:14

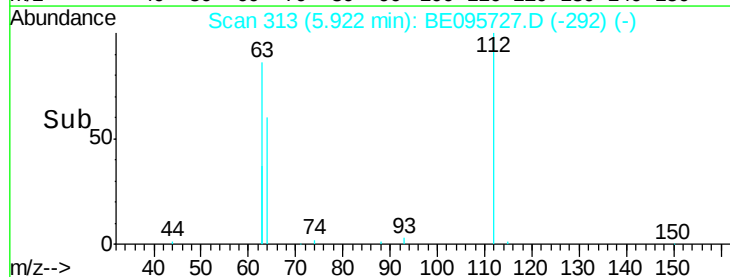
Tgt Ion:112 Resp: 776
Ion Ratio Lower Upper
112 100
64 74.4 60.1 90.1
63 156.2 116.8 175.2



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



Time--> 5.80 5.90 6.00





#5

Phenol-d6

Concen: 0.119 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095727.D

Acq: 12 Mar 2018 13:14

Instrument :

BNA_E

ClientSampled :

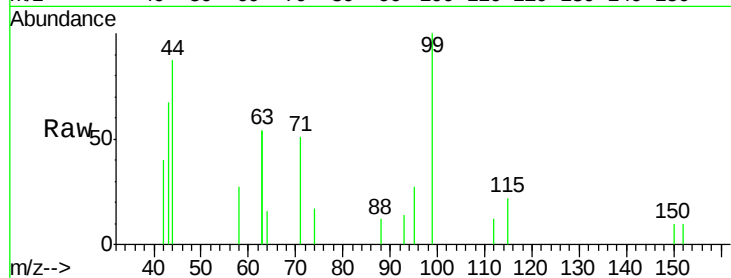
Tot Ion: 99 Resp: 727

Ion Ratio Lower Upper

99 100

42 38.7 20.2 30.2#

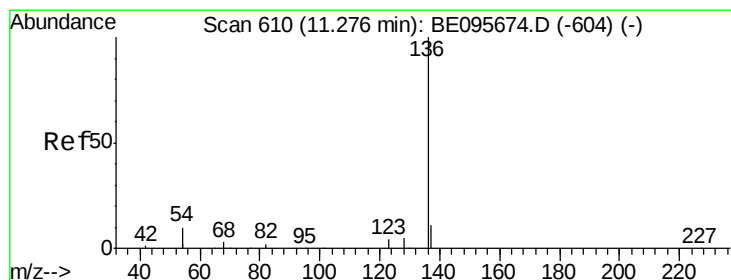
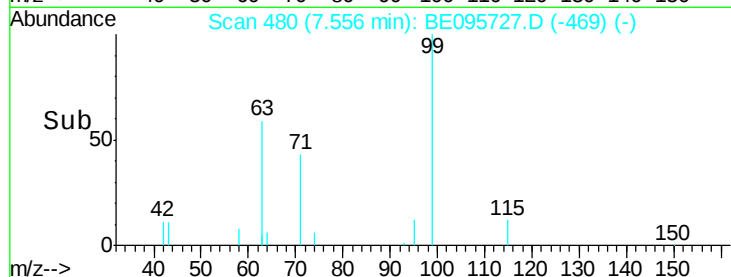
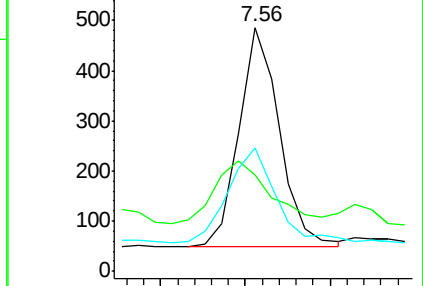
71 50.2 28.4 42.6#



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: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095727.D

Acq: 12 Mar 2018 13:14

Tgt Ion: 136 Resp: 6588

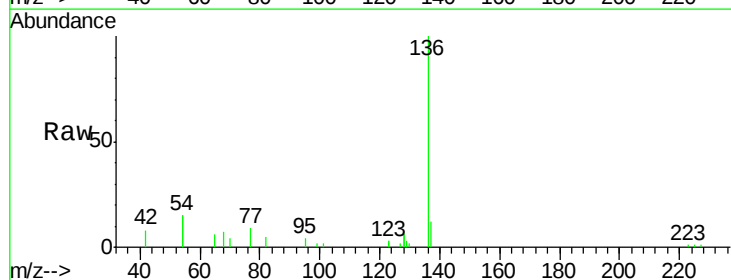
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 30.8 29.1 43.7

68 6.5 6.2 9.2

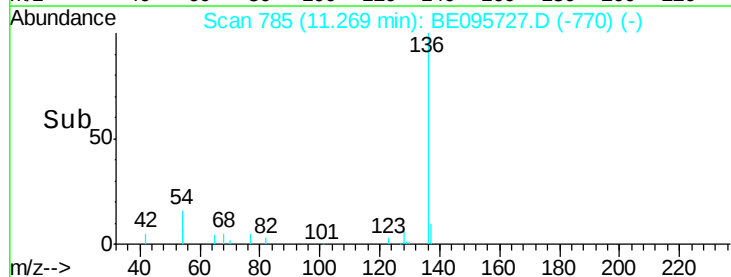
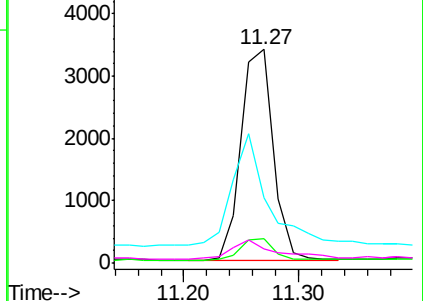


Abundance Ion 136.00 (135.70 to 136.70): E

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

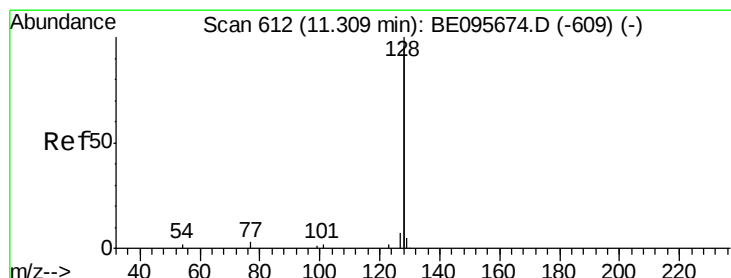
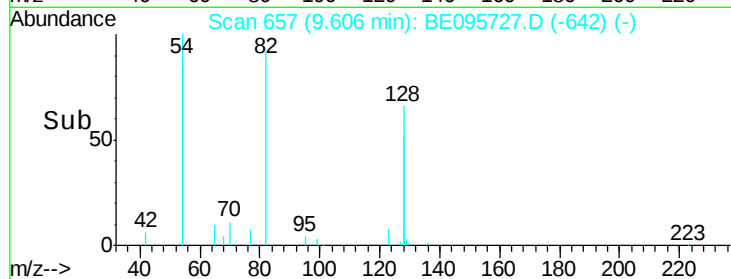
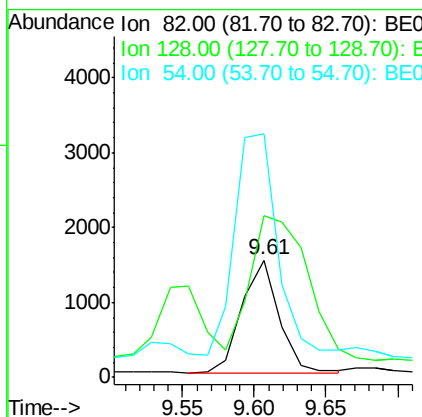
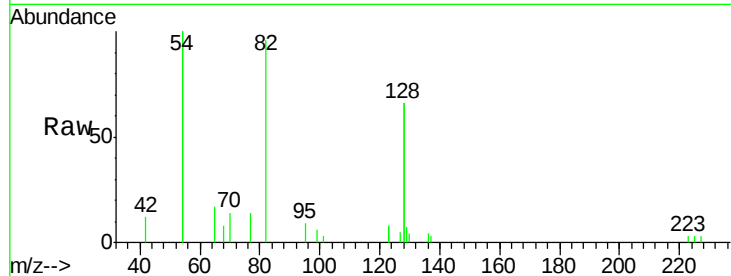




#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 9.61 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE095727.D
Acq: 12 Mar 2018 13:14

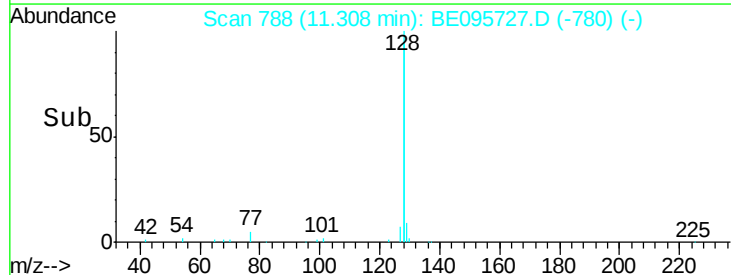
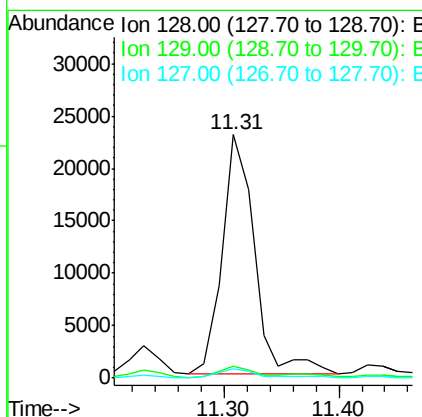
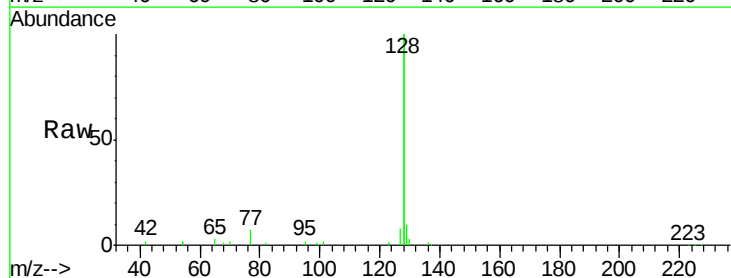
Instrument :
BNA_E
ClientSampled :

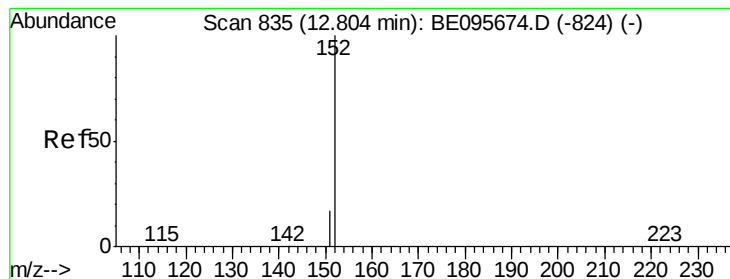
Tot Ion: 82 Resp: 2697
Ion Ratio Lower Upper
82 100
128 138.3 150.0 225.0#
54 208.2 154.2 231.4



#9
Naphthalene
Concen: 0.589 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095727.D
Acq: 12 Mar 2018 13:14

Tgt Ion: 128 Resp: 44727
Ion Ratio Lower Upper
128 100
129 5.0 2.6 3.8#
127 4.1 2.8 4.2





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095727.D

Acq: 12 Mar 2018 13:14

Instrument :

BNA_E

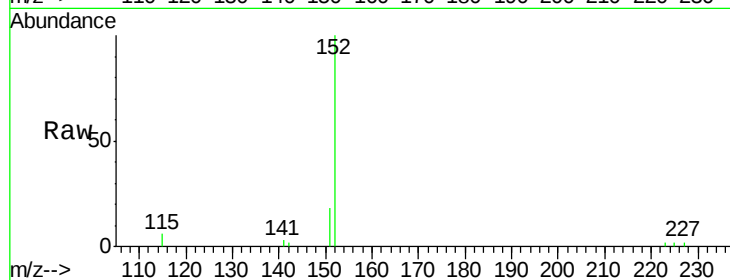
ClientSampleId :

Tot Ion:152 Resp: 4079

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.80

2500

2000

1500

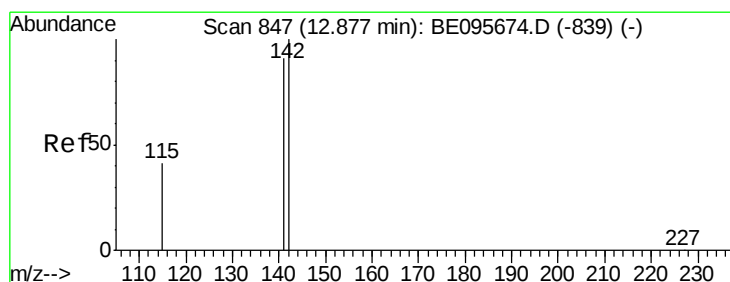
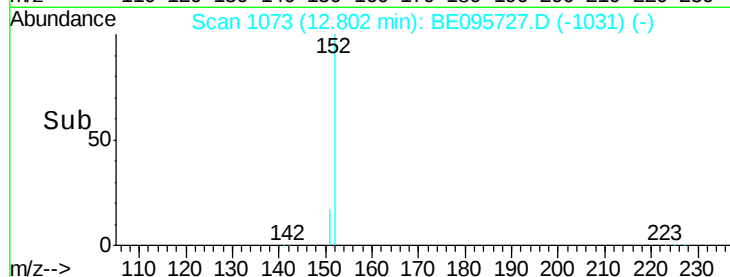
1000

500

0

12.75 12.80 12.85 12.90

Time-->



#12

2-Methylnaphthalene

Concen: 2.387 ng

RT: 12.87 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE095727.D

Acq: 12 Mar 2018 13:14

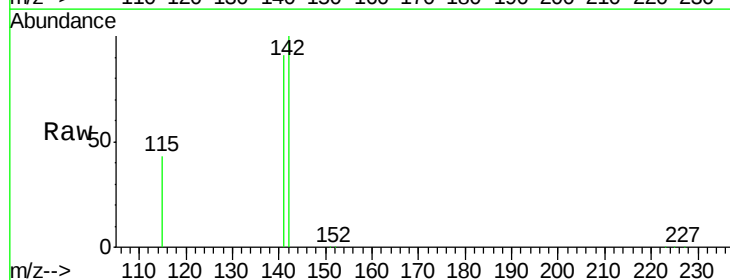
Tgt Ion:142 Resp: 31273

Ion Ratio Lower Upper

142 100

141 90.6 70.4 105.6

115 42.7 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

25000

20000

15000

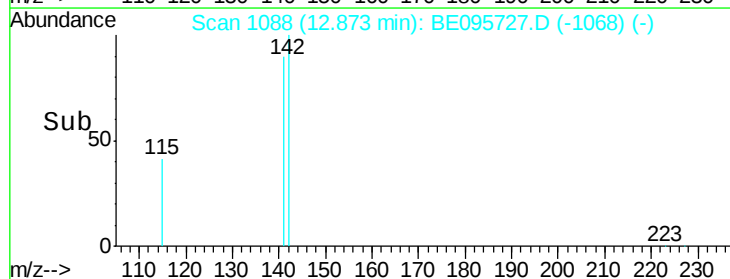
10000

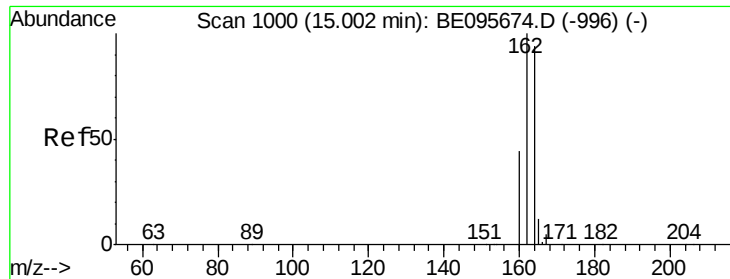
5000

0

12.80 12.87 12.90

Time-->

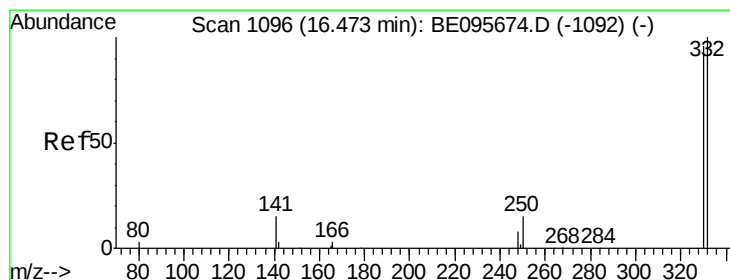
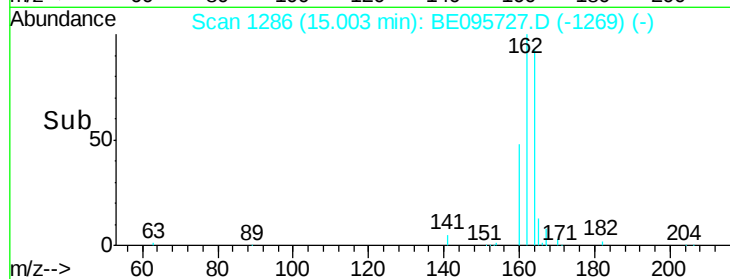
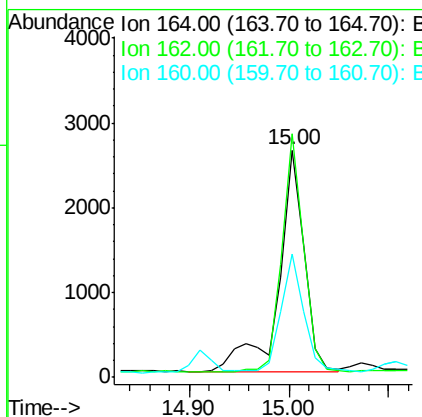
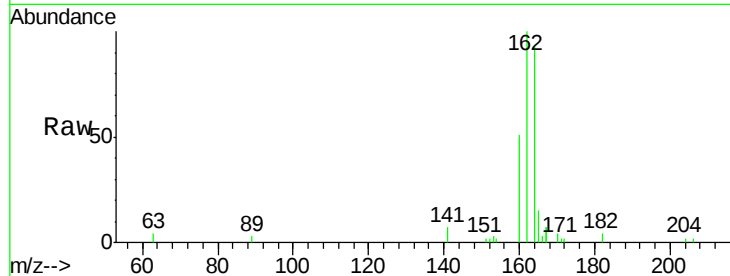




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BE095727.D
 Acq: 12 Mar 2018 13:14

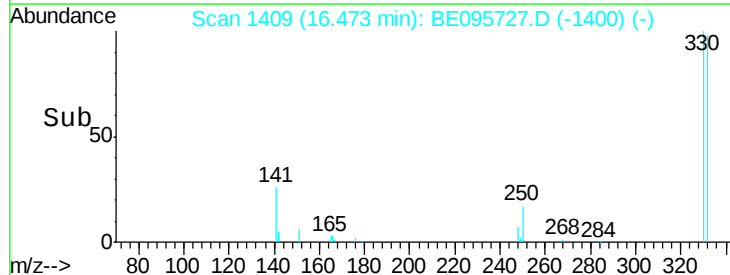
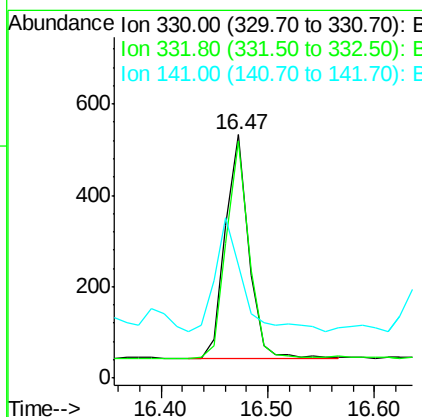
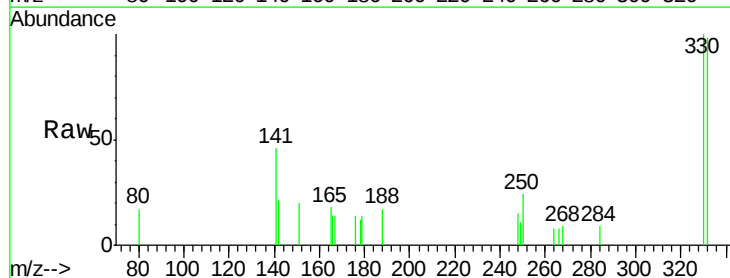
Instrument :
 BNA_E
 ClientSampleId :

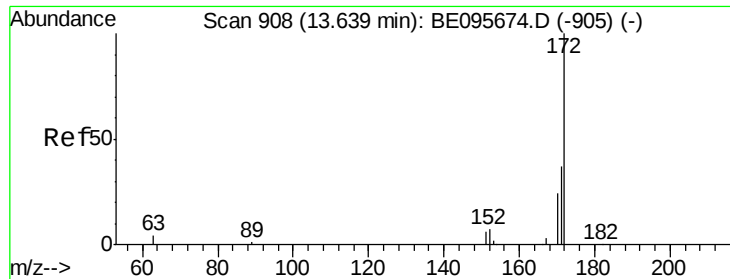
Tot Ion:164 Resp: 4608
 Ion Ratio Lower Upper
 164 100
 162 107.1 83.1 124.7
 160 54.4 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.449 ng
 RT: 16.47 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BE095727.D
 Acq: 12 Mar 2018 13:14

Tgt Ion:330 Resp: 736
 Ion Ratio Lower Upper
 330 100
 332 94.7 152.7 229.1#
 141 60.2 33.7 50.5#

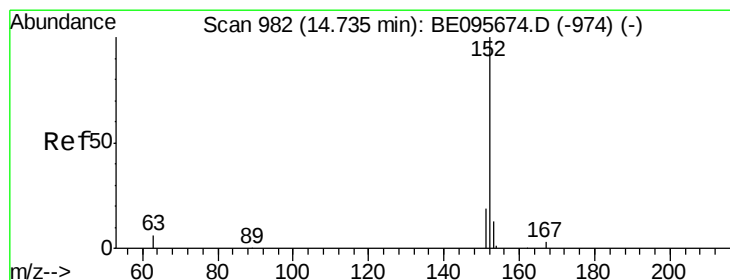
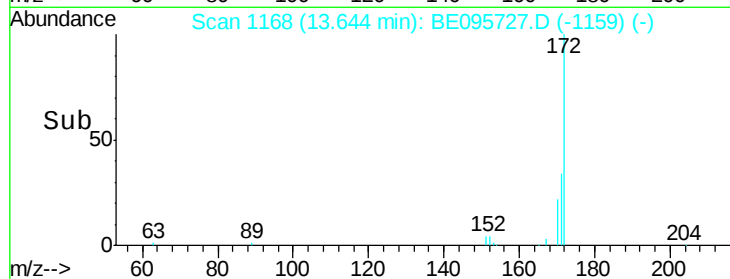
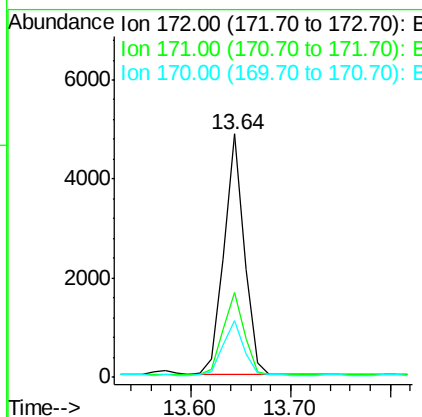
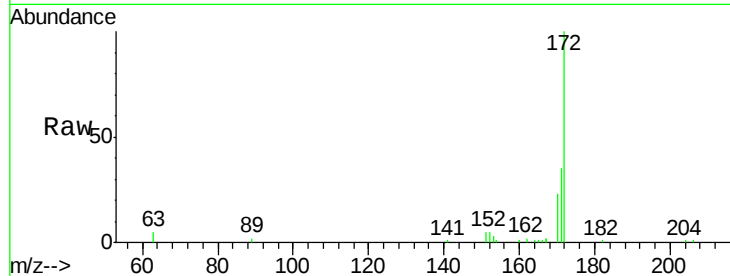




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095727.D
Acq: 12 Mar 2018 13:14

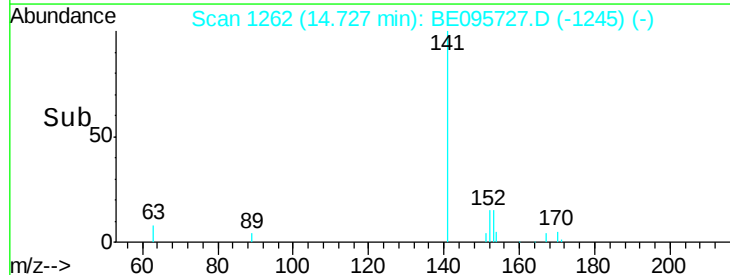
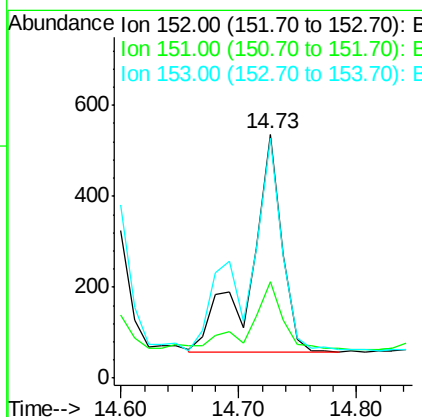
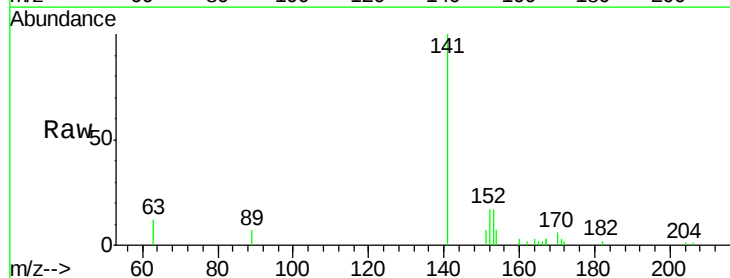
Instrument :
BNA_E
ClientSampleId :

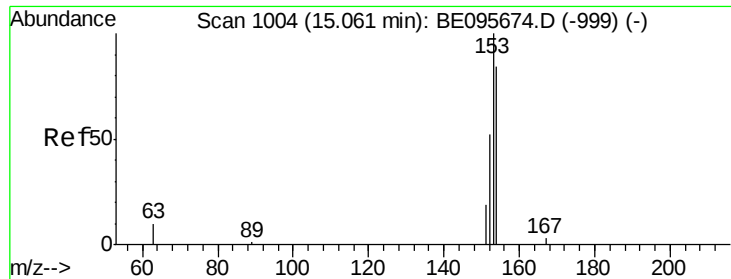
Tot Ion:172 Resp: 6909
Ion Ratio Lower Upper
172 100
171 34.6 29.9 44.9
170 23.3 21.8 32.8



#16
Acenaphthylene
Concen: 0.035 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BE095727.D
Acq: 12 Mar 2018 13:14

Tgt Ion:152 Resp: 902
Ion Ratio Lower Upper
152 100
151 32.4 15.7 23.5#
153 108.4 10.5 15.7#





#17

Acenaphthene

Concen: 0.133 ng

RT: 15.06 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BE095727.D

Acq: 12 Mar 2018 13:14

Instrument :

BNA_E

ClientSampleId :

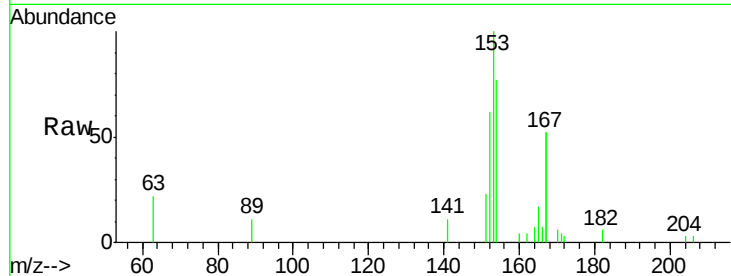
Tot Ion:154 Resp: 2163

Ion Ratio Lower Upper

154 100

153 147.3 89.2 133.8#

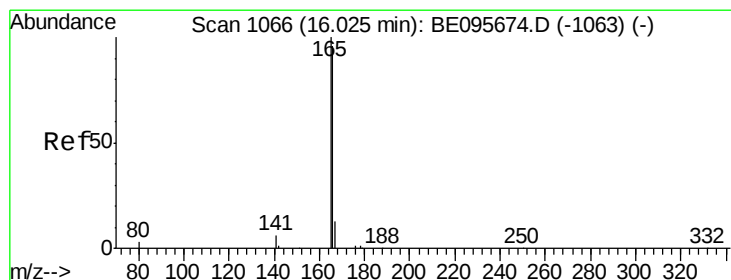
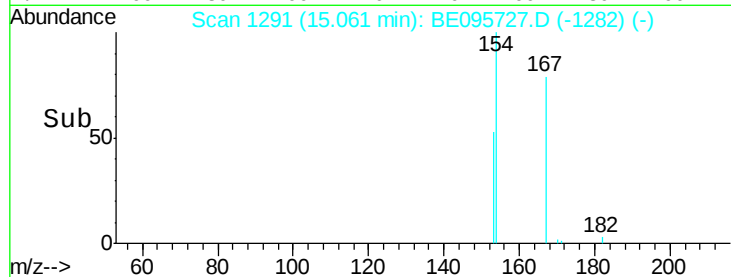
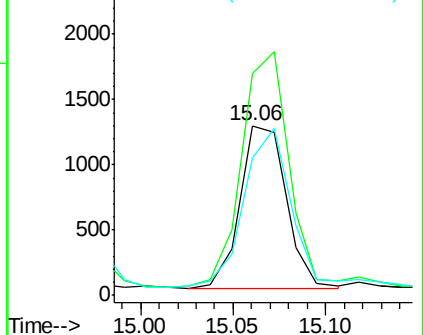
152 99.1 42.0 63.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.225 ng

RT: 16.03 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE095727.D

Acq: 12 Mar 2018 13:14

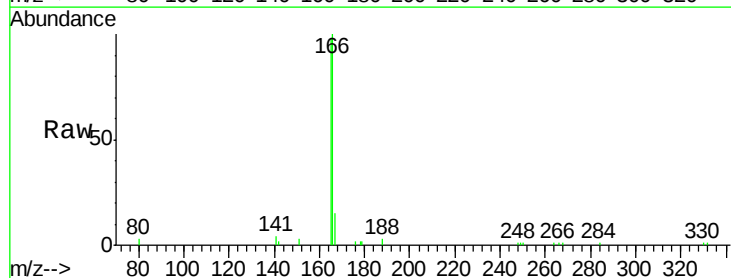
Tgt Ion:166 Resp: 4532

Ion Ratio Lower Upper

166 100

165 103.7 77.8 116.6

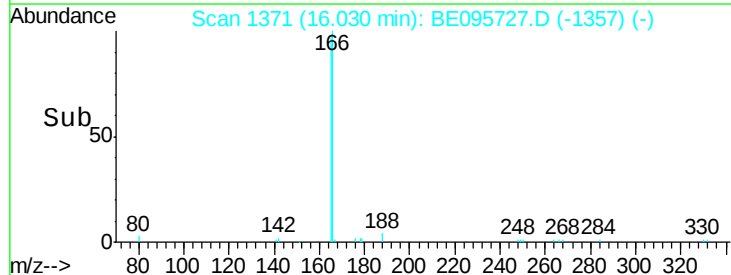
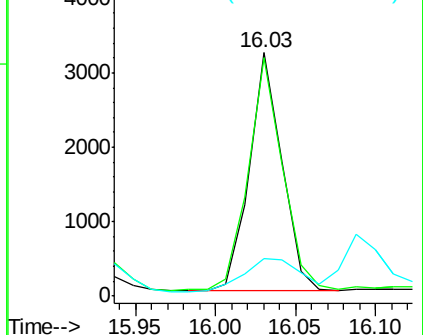
167 24.3 42.4 63.6#

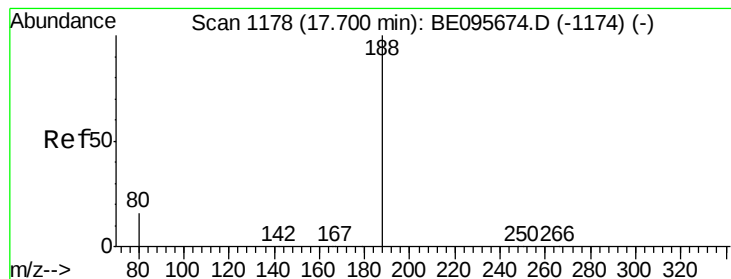


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095727.D

Acq: 12 Mar 2018 13:14

Instrument :

BNA_E

ClientSampleId :

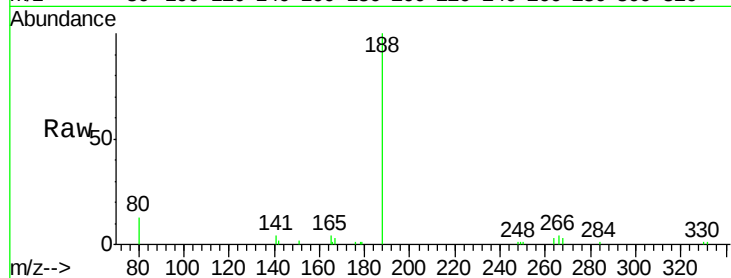
Tot Ion:188 Resp: 8631

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

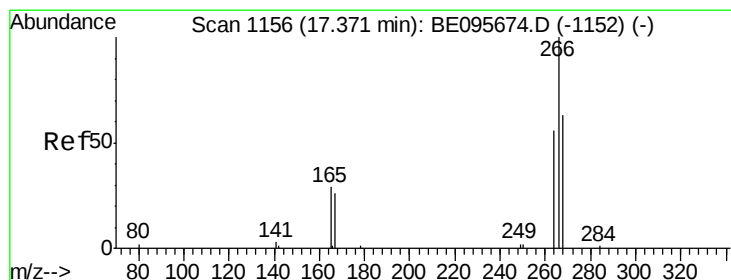
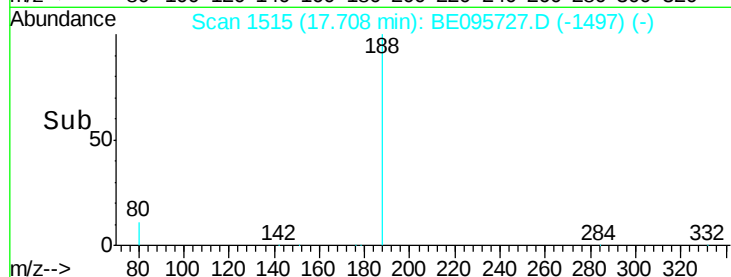
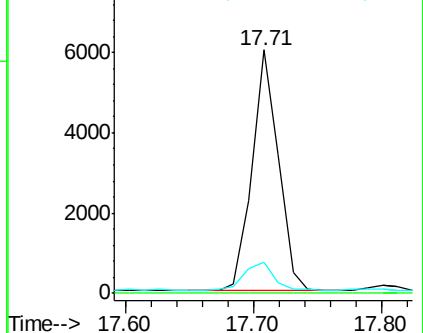
80 12.6 3.6 5.4#



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: 175.119 ng

RT: 17.37 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE095727.D

Acq: 12 Mar 2018 13:14

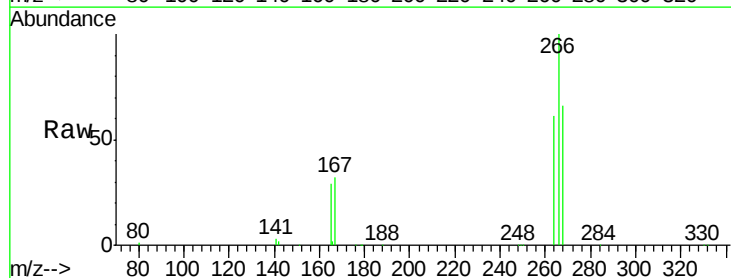
Tgt Ion:266 Resp: 360391

Ion Ratio Lower Upper

266 100

264 61.1 72.5 108.7#

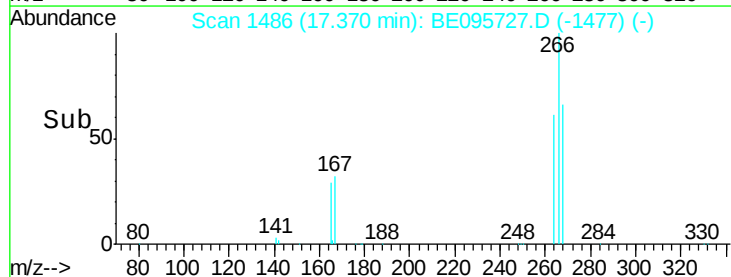
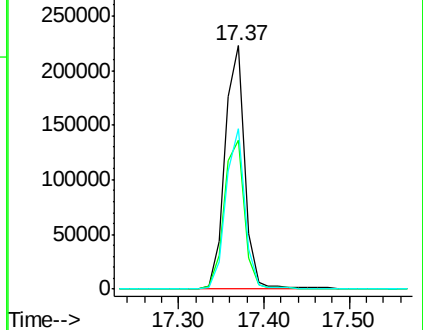
268 65.7 73.8 110.6#

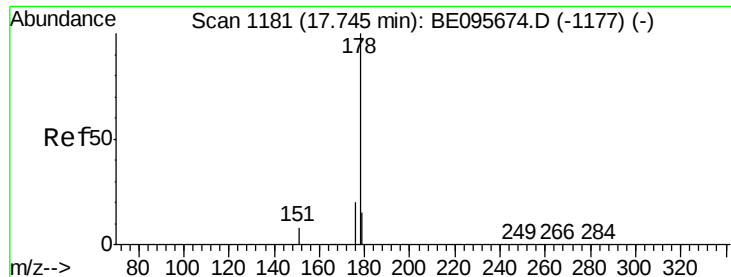


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.055 ng

RT: 17.75 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BE095727.D

Acq: 12 Mar 2018 13:14

Instrument :

BNA_E

ClientSampled :

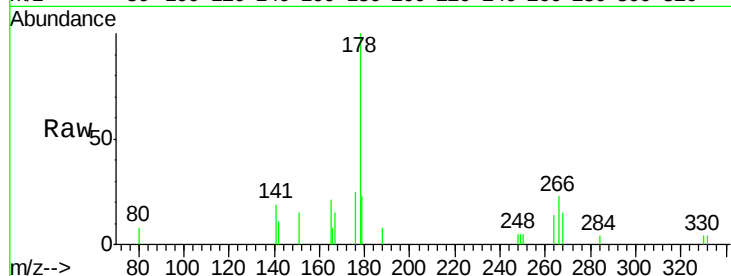
Tot Ion:178 Resp: 1481

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

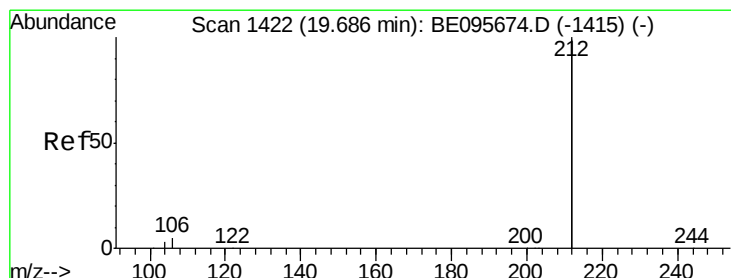
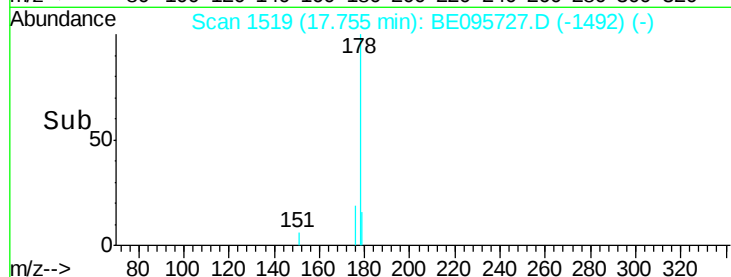
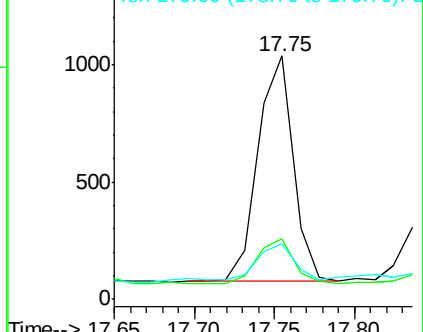
179 17.4 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095727.D

Acq: 12 Mar 2018 13:14

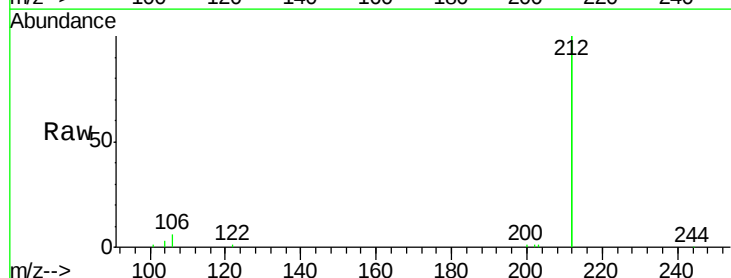
Tgt Ion:212 Resp: 42669

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

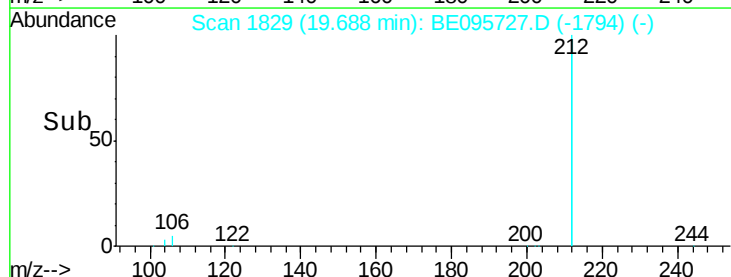
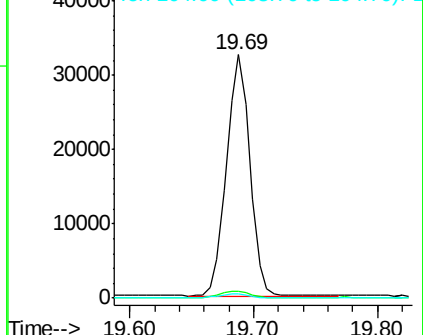
104 1.8 1.6 2.4

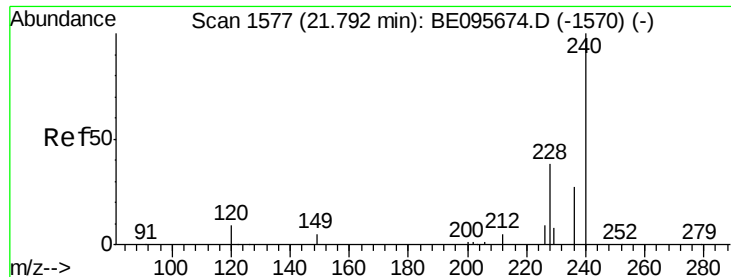


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

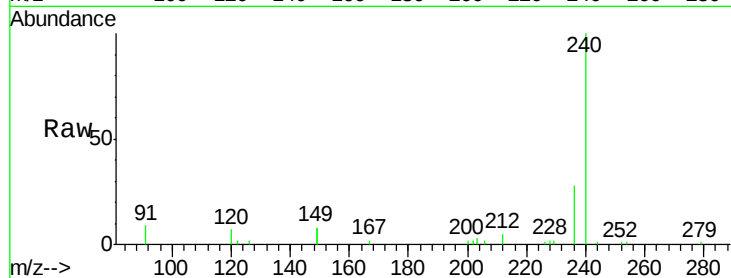




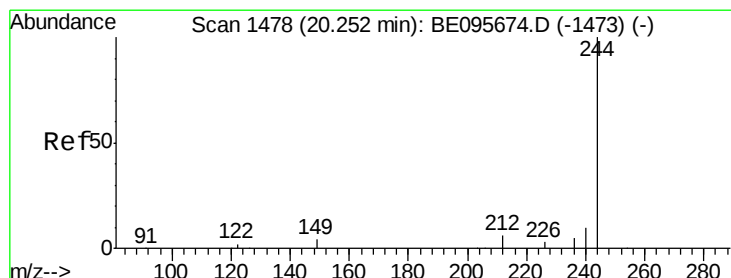
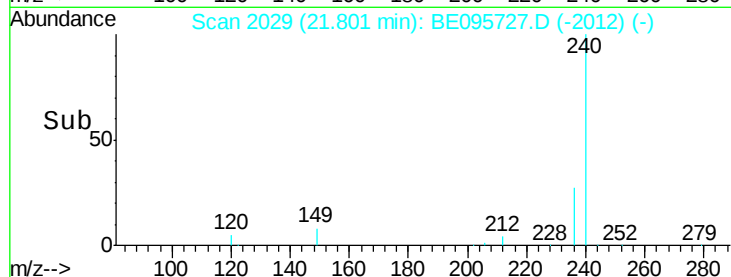
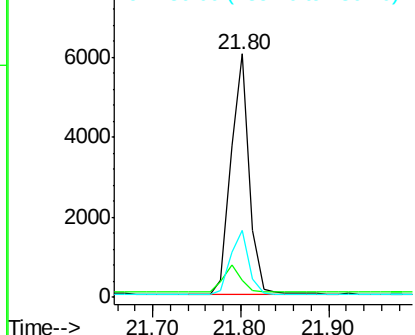
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095727.D
Acq: 12 Mar 2018 13:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 8722
Ion Ratio Lower Upper
240 100
120 7.1 5.5 8.3
236 27.5 20.7 31.1

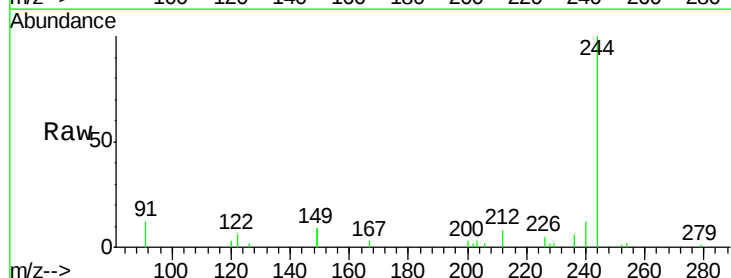


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

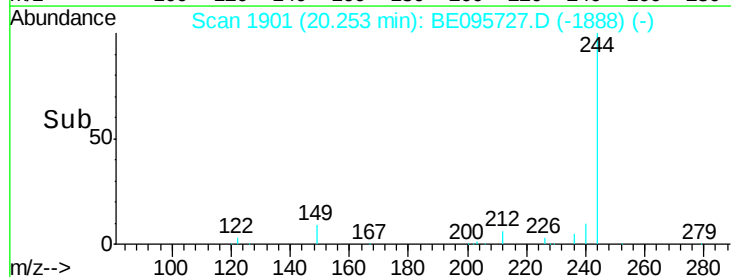
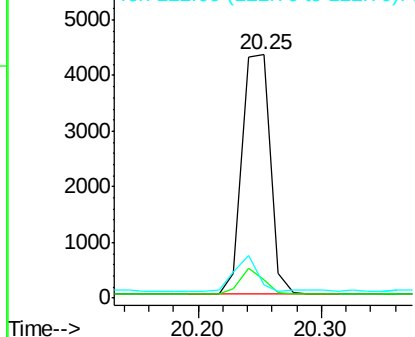


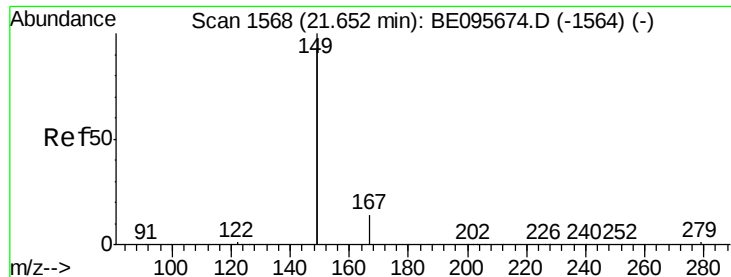
#29
Terphenyl-d14
Concen: 0.394 ng
RT: 20.25 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BE095727.D
Acq: 12 Mar 2018 13:14

Tgt Ion:244 Resp: 6853
Ion Ratio Lower Upper
244 100
212 7.6 25.4 38.0#
122 5.6 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

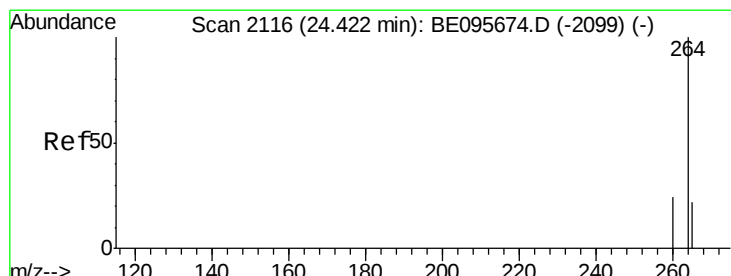
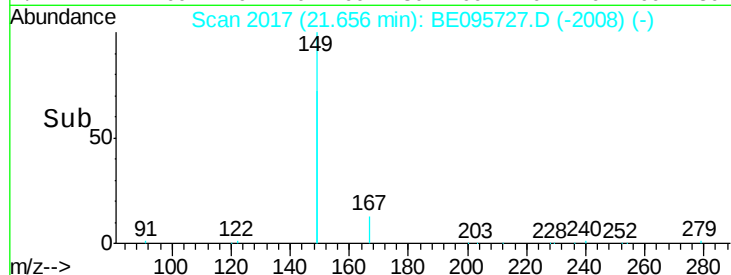
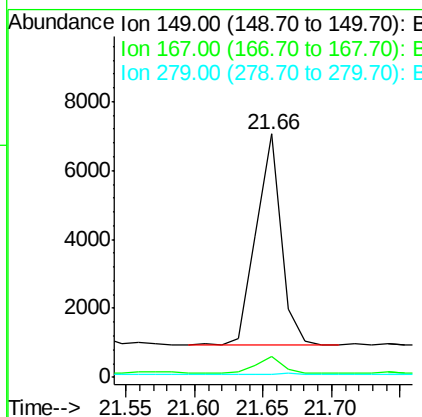
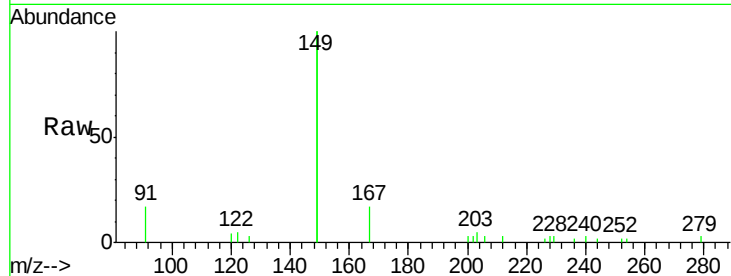




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.155 ng
 RT: 21.66 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BE095727.D
 Acq: 12 Mar 2018 13:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 7786
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.4 8.0
 279 0.8 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE095727.D
 Acq: 12 Mar 2018 13:14

Tgt Ion:264 Resp: 8194
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.5 30.7
 265 25.6 22.8 34.2

