

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\
 Data File : BE095684.D
 Acq On : 23 Feb 2018 15:43
 Operator : SJ/JU
 Sample : PB106752BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB106752BSD

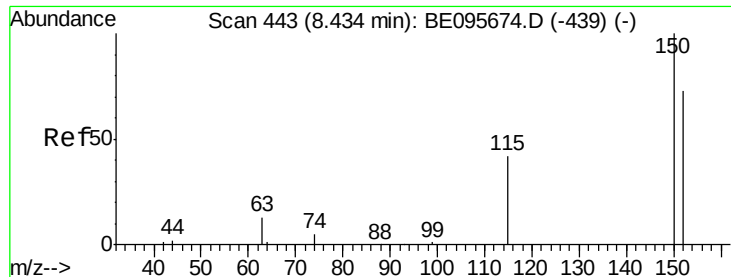
Quant Time: Feb 23 18:24:23 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1323	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4733	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	2488	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5682	0.40	ng	0.01
27) Chrysene-d12	21.79	240	6241	0.40	ng	0.00
34) Perylene-d12	24.42	264	5873	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1155	0.33	ng	0.00
5) Phenol-d6	7.56	99	1471	0.30	ng	0.00
8) Nitrobenzene-d5	9.60	82	1455	0.30	ng	-0.02
11) 2-Methylnaphthalene-d10	12.80	152	2377	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	233	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	3304	0.30	ng	0.00
25) Fluoranthene-d10	19.68	212	23003	0.31	ng	0.00
29) Terphenyl-d14	20.25	244	3535	0.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	581	0.28	ng	# 14
3) n-Nitrosodimethylamine	3.99	42	778	0.30	ng	# 86
6) bis(2-Chloroethyl)ether	7.82	93	1471	0.30	ng	92
9) Naphthalene	11.31	128	16444	0.30	ng	99
10) Hexachlorobutadiene	11.57	225	963	0.30	ng	99
12) 2-Methylnaphthalene	12.88	142	2770	0.29	ng	99
16) Acenaphthylene	14.73	152	3766	0.27	ng	99
17) Acenaphthene	15.06	154	2376	0.27	ng	94
18) Fluorene	16.02	166	3012	0.28	ng	# 79
20) 4-Bromophenyl-phenylether	16.89	248	967	0.27	ng	# 66
21) Hexachlorobenzene	17.03	284	1023	0.28	ng	# 82
22) Pentachlorophenol	17.36	266	427	0.49	ng	# 79
23) Phenanthrene	17.74	178	5068	0.29	ng	98
24) Anthracene	17.83	178	4698	0.29	ng	96
26) Fluoranthene	19.71	202	6440	0.29	ng	# 97
28) Pyrene	20.06	202	7378	0.29	ng	98
30) Benzo(a)anthracene	21.78	228	6156	0.30	ng	97
31) Chrysene	21.84	228	6105	0.30	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	10234	0.28	ng	99
33) Indeno(1,2,3-cd)pyrene	27.23	276	6230	0.32	ng	# 93
35) Benzo(b)fluoranthene	23.61	252	5972	0.29	ng	# 91
36) Benzo(k)fluoranthene	23.66	252	5993	0.29	ng	93
37) Benzo(a)pyrene	24.30	252	5680	0.30	ng	# 93
38) Dibenzo(a,h)anthracene	27.25	278	4956	0.30	ng	95
39) Benzo(g,h,i)perylene	28.10	276	5291	0.29	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.42 min Scan# 442

Delta R.T. -0.01 min

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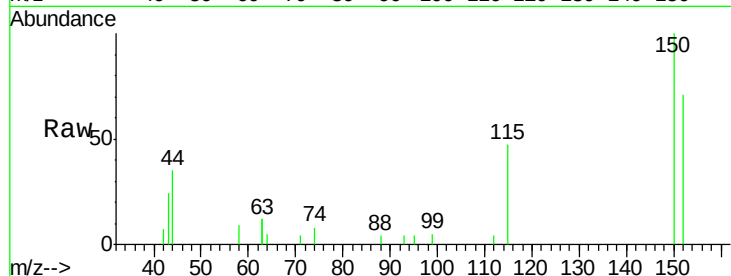
Tot Ion:152 Resp: 1323

Ion Ratio Lower Upper

152 100

150 140.9 117.2 175.8

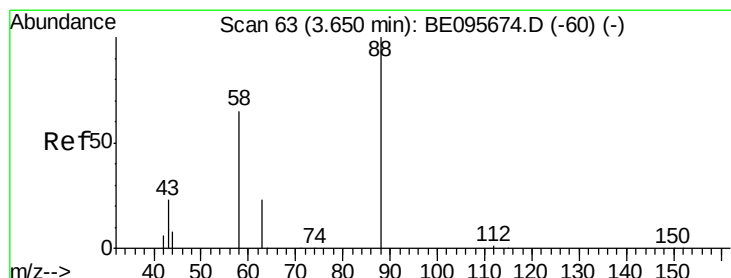
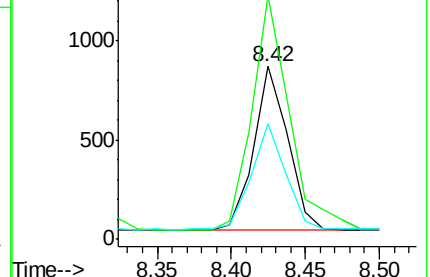
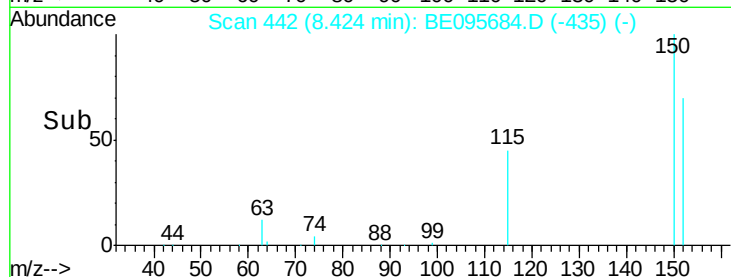
115 66.7 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.28 ng

RT: 3.65 min Scan# 63

Delta R.T. 0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

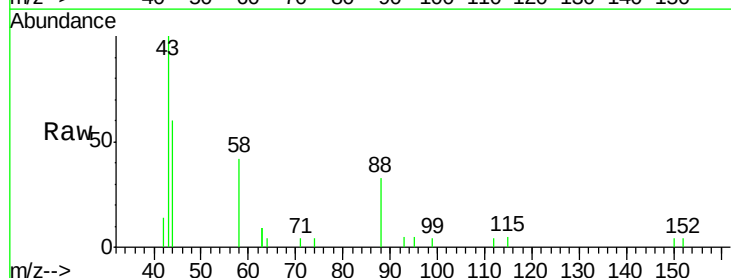
Tgt Ion: 88 Resp: 581

Ion Ratio Lower Upper

88 100

58 97.8 63.2 94.8#

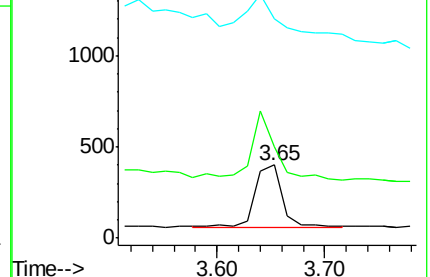
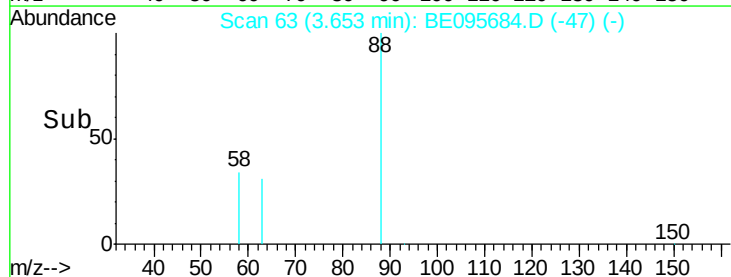
43 180.2 41.2 61.8#

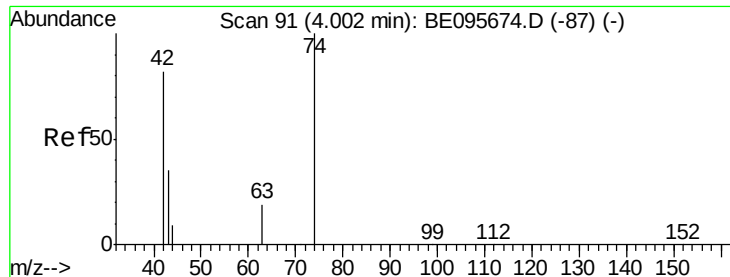


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.30 ng

RT: 3.99 min Scan# 90

Delta R.T. -0.01 min

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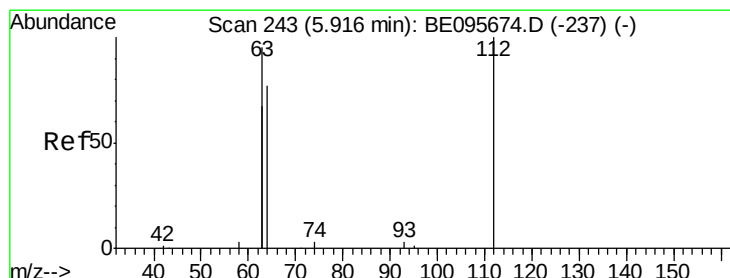
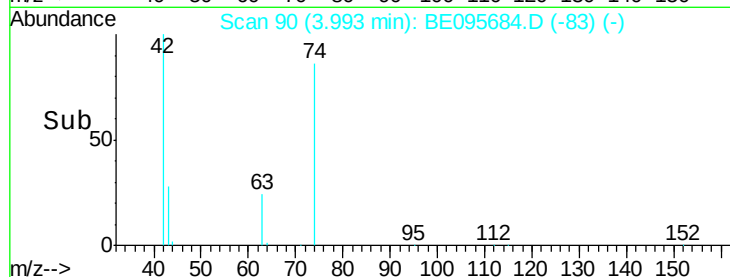
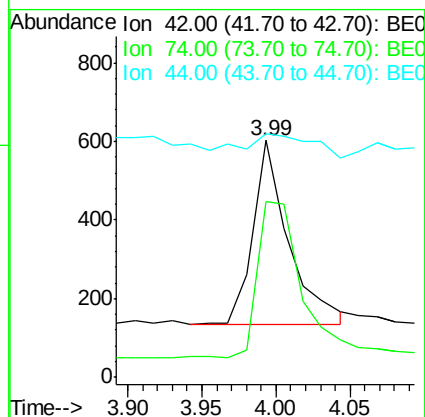
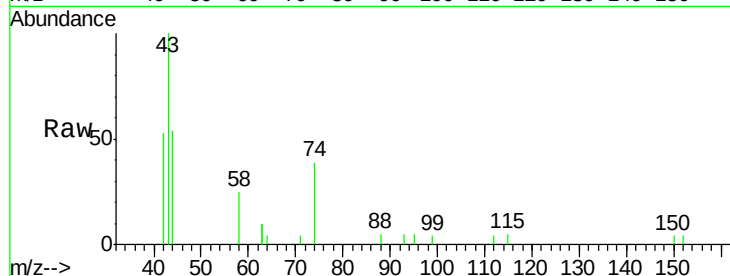
Tot Ion: 42 Resp: 778

Ion Ratio Lower Upper

42 100

74 105.3 96.0 144.0

44 25.1 12.0 18.0#



#4

2-Fluorophenol

Concen: 0.33 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

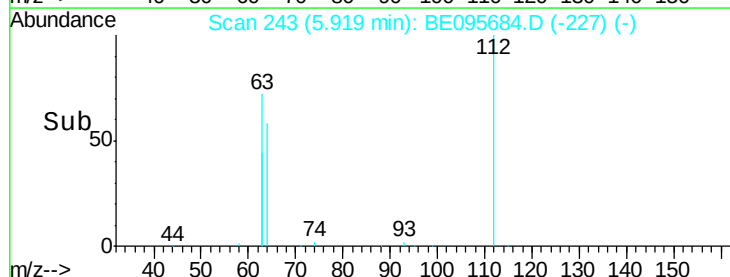
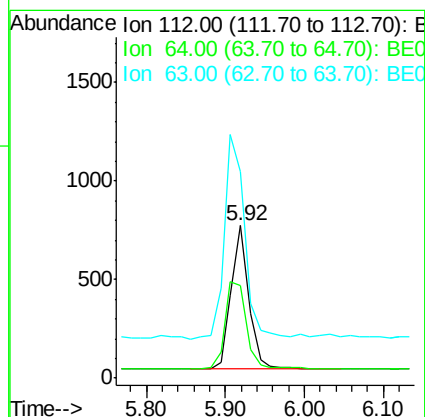
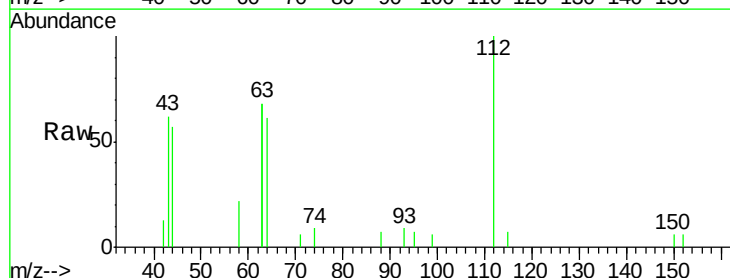
Tgt Ion: 112 Resp: 1155

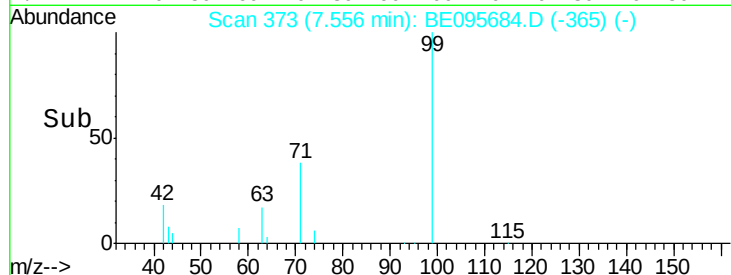
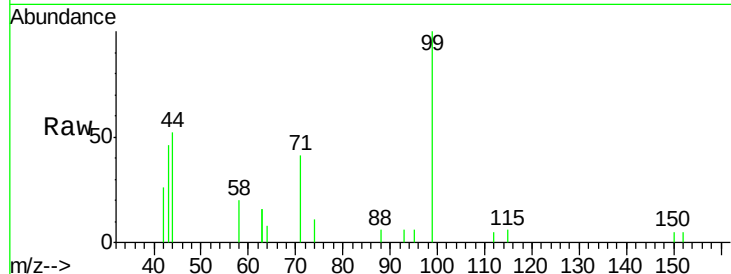
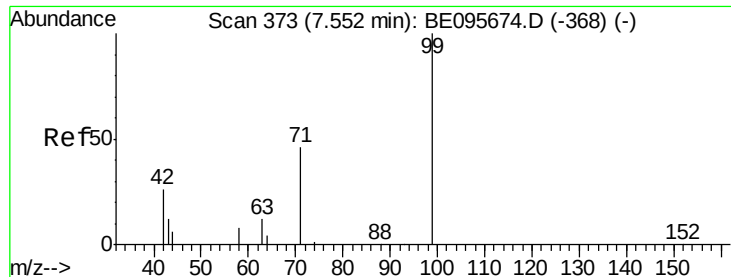
Ion Ratio Lower Upper

112 100

64 74.5 60.1 90.1

63 161.6 116.8 175.2





#5

Phenol-d6

Concen: 0.30 ng

RT: 7.56 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

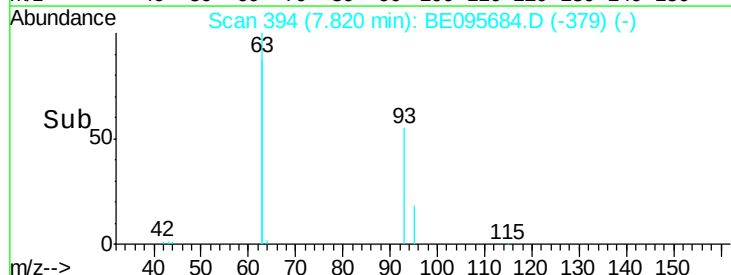
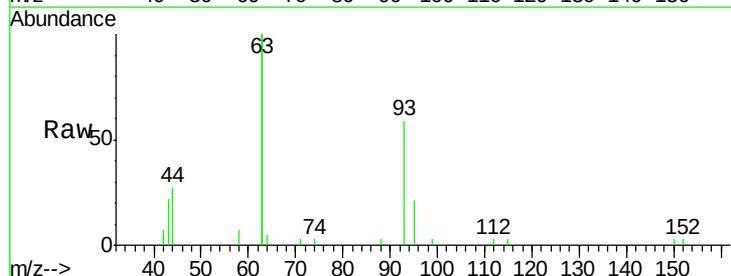
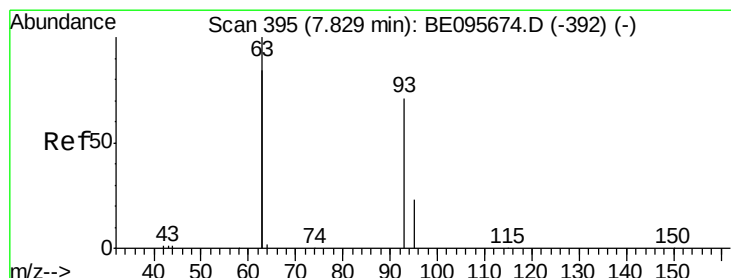
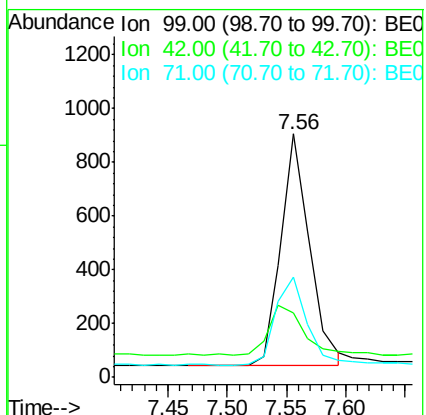
Tot Ion: 99 Resp: 1471

Ion Ratio Lower Upper

99 100

42 25.8 20.2 30.2

71 41.3 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.30 ng

RT: 7.82 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

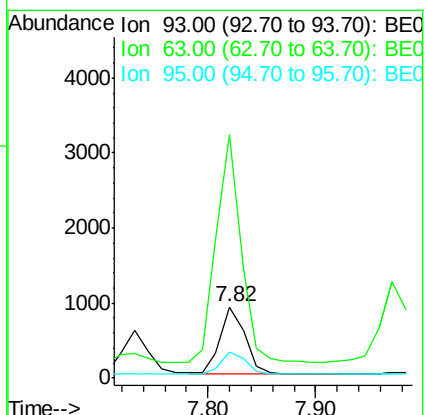
Tgt Ion: 93 Resp: 1471

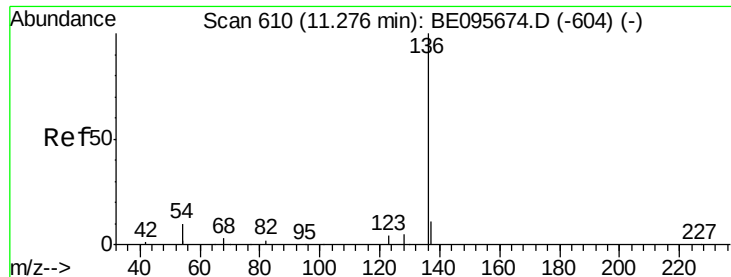
Ion Ratio Lower Upper

93 100

63 325.1 275.3 412.9

95 33.2 25.2 37.8





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.26 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

Tot Ion:136 Resp: 4733

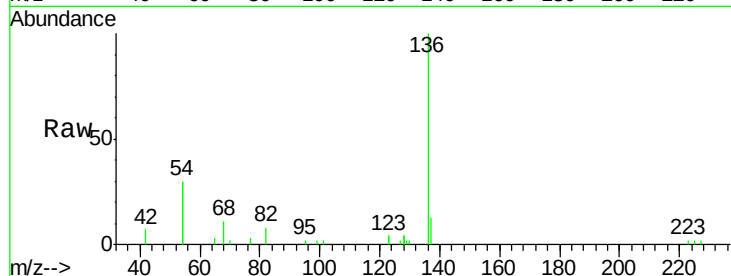
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 59.2 29.1 43.7#

68 10.9 6.2 9.2#

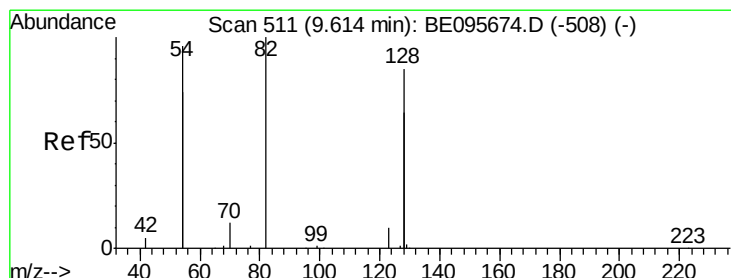
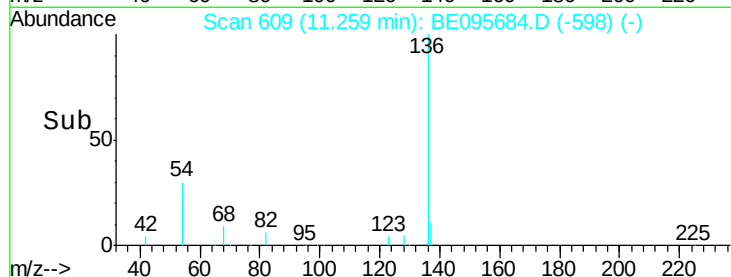
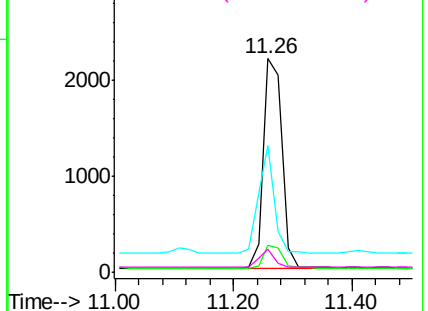


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.30 ng

RT: 9.60 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

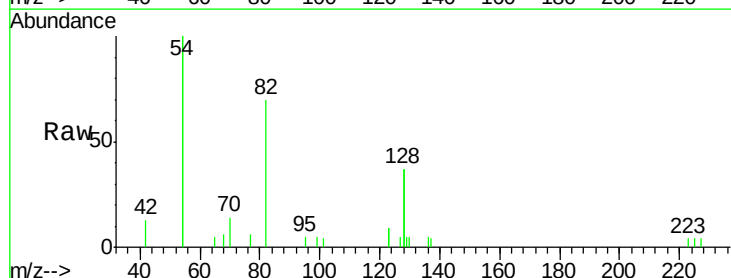
Tgt Ion: 82 Resp: 1455

Ion Ratio Lower Upper

82 100

128 104.3 150.0 225.0#

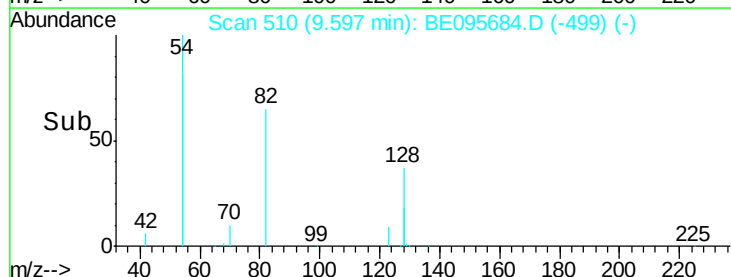
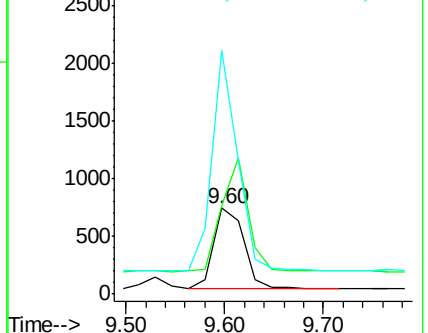
54 284.6 154.2 231.4#

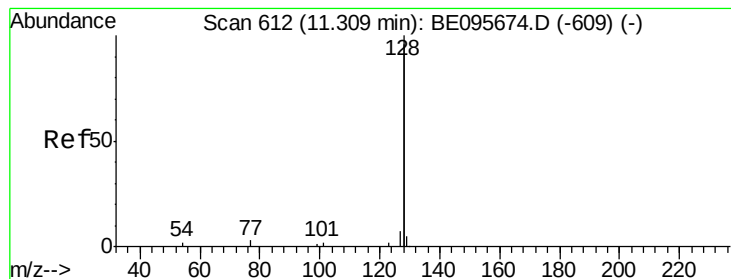


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.30 ng

RT: 11.31 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

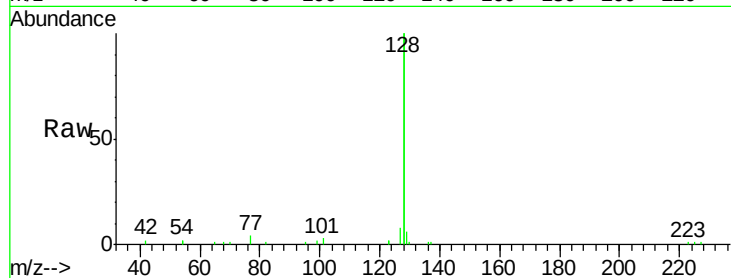
Tot Ion:128 Resp: 16444

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

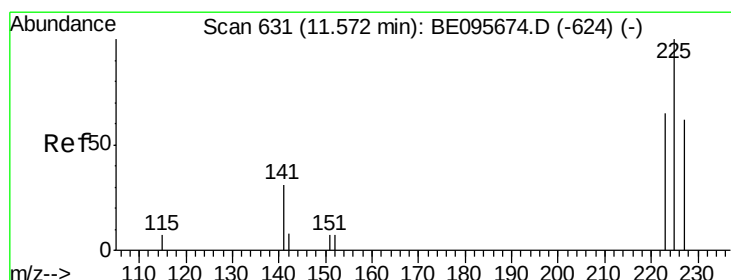
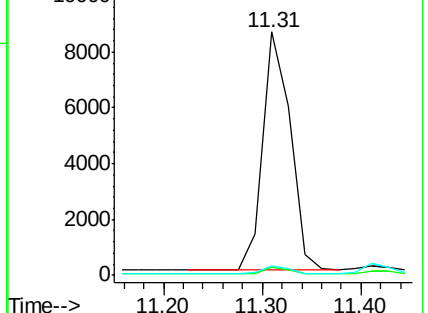
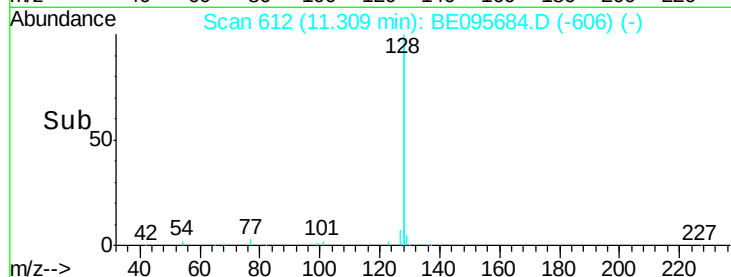
127 3.9 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.30 ng

RT: 11.57 min Scan# 631

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

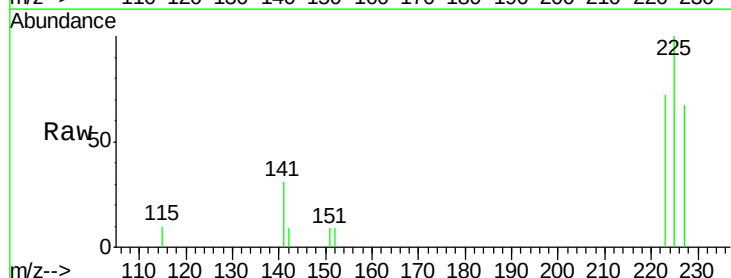
Tgt Ion:225 Resp: 963

Ion Ratio Lower Upper

225 100

223 66.6 53.0 79.6

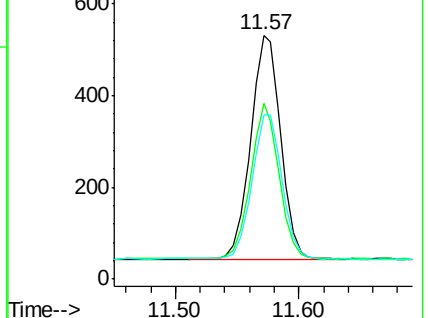
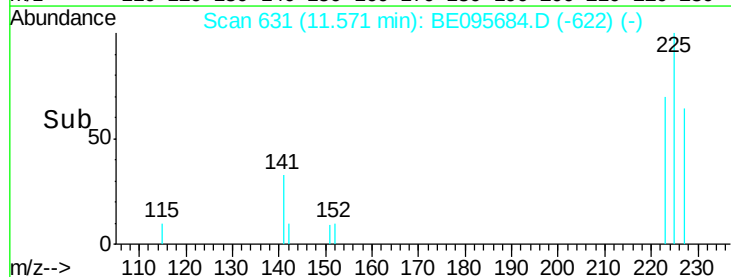
227 66.4 51.4 77.2

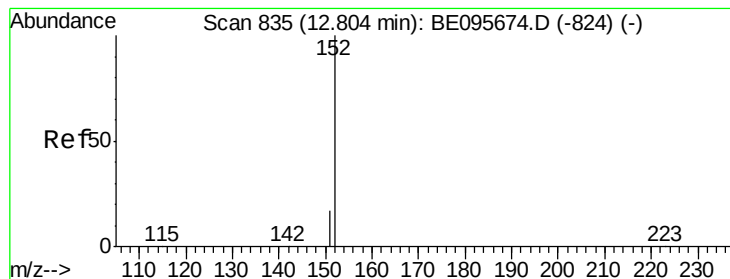


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.30 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

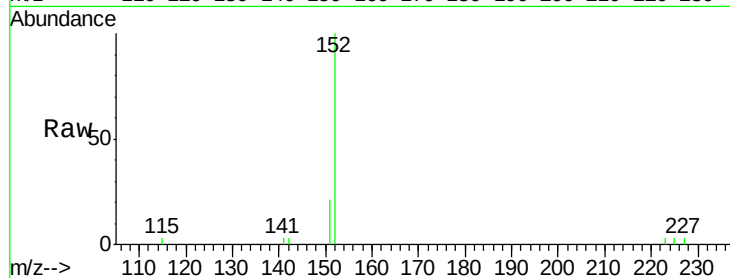
PB106752BSD

Tot Ion:152 Resp: 2377

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1500

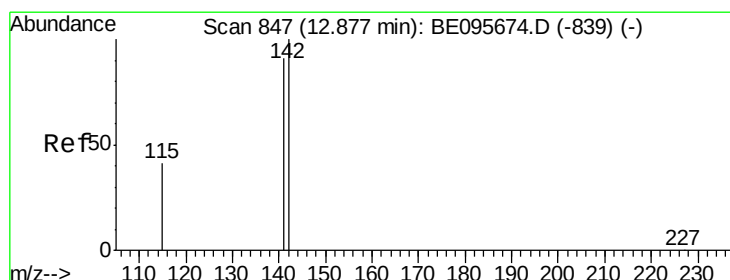
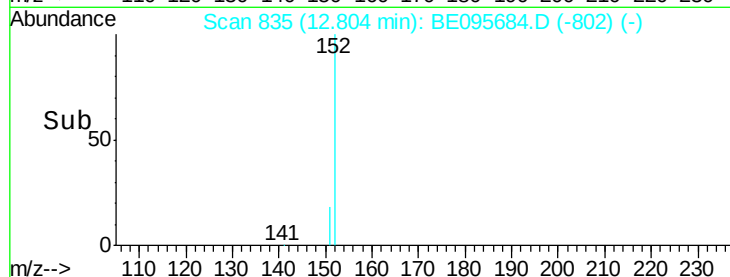
1000

500

0

12.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.29 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

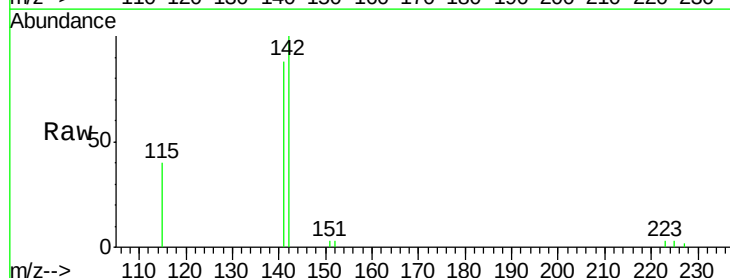
Tgt Ion:142 Resp: 2770

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6

115 40.3 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

2000

1500

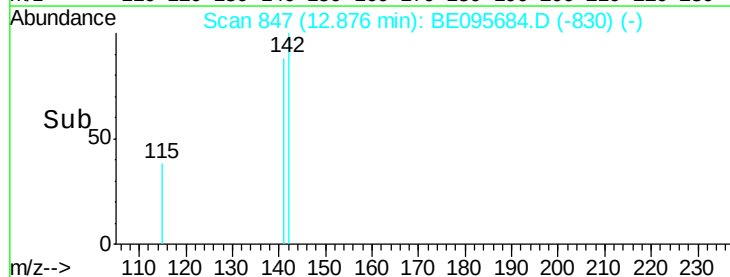
1000

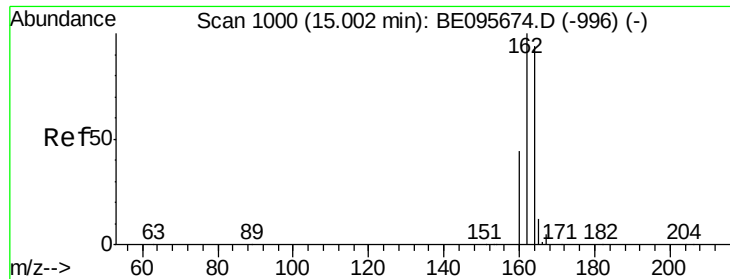
500

0

12.88

Time-->

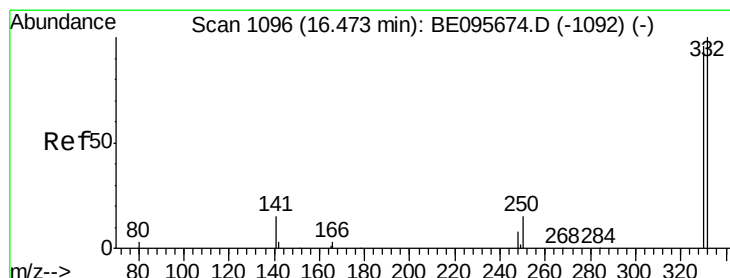
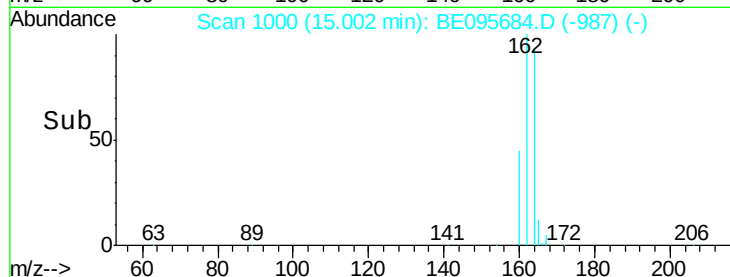
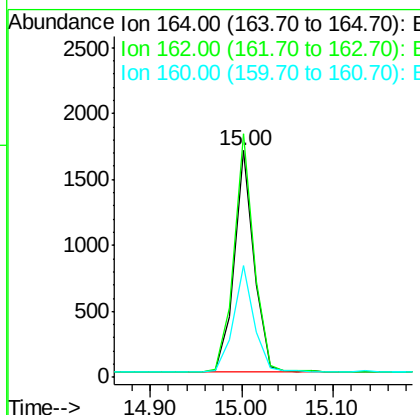
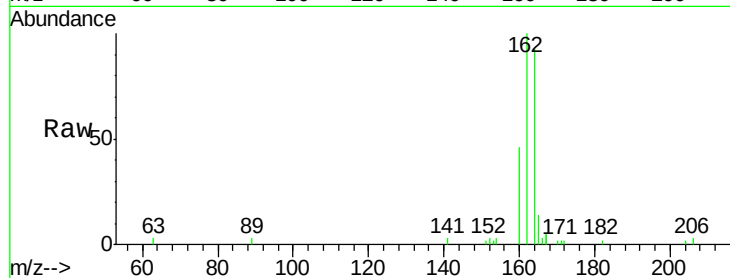




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 15.00 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE095684.D
 Acq: 23 Feb 2018 15:43

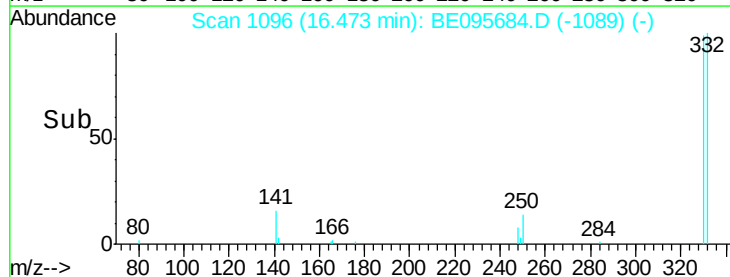
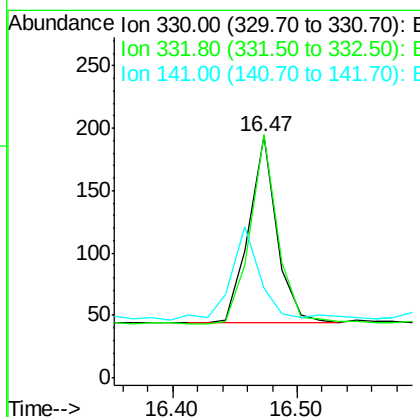
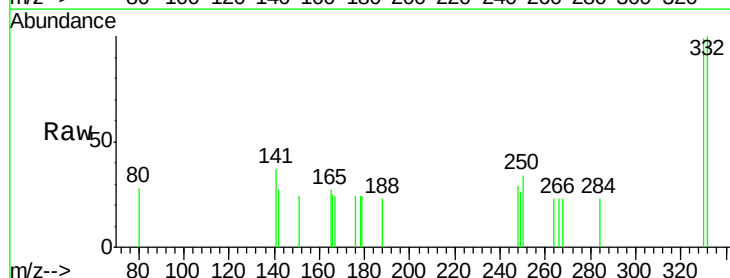
Instrument :
 BNA_E
 ClientSampleId :
 PB106752BSD

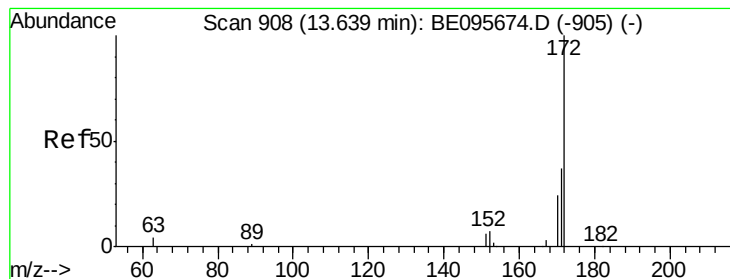
Tot Ion:164 Resp: 2488
 Ion Ratio Lower Upper
 164 100
 162 107.4 83.1 124.7
 160 49.4 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.31 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BE095684.D
 Acq: 23 Feb 2018 15:43

Tgt Ion:330 Resp: 233
 Ion Ratio Lower Upper
 330 100
 332 102.1 152.7 229.1#
 141 55.8 33.7 50.5#





#15

2-Fluorobiphenyl

Concen: 0.30 ng

RT: 13.64 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

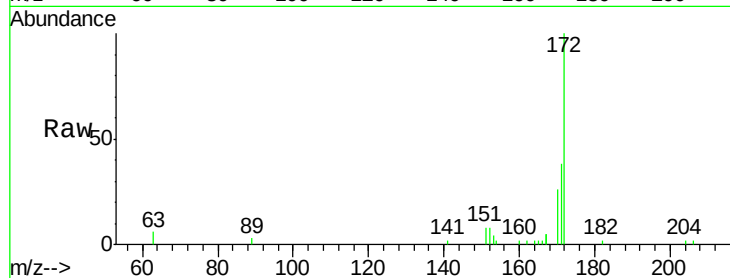
Tot Ion:172 Resp: 3304

Ion Ratio Lower Upper

172 100

171 37.7 29.9 44.9

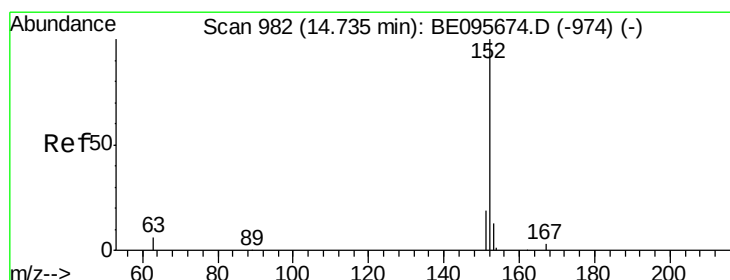
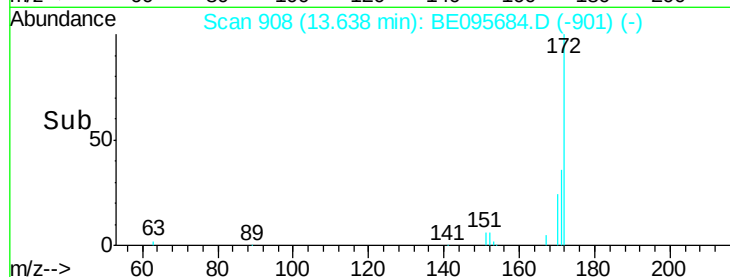
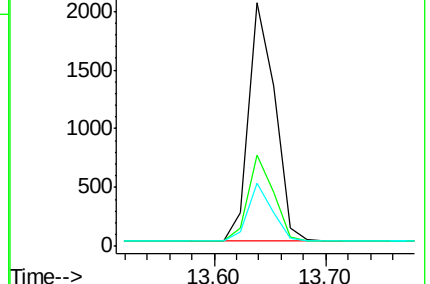
170 25.7 21.8 32.8



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



#16

Acenaphthylene

Concen: 0.27 ng

RT: 14.73 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

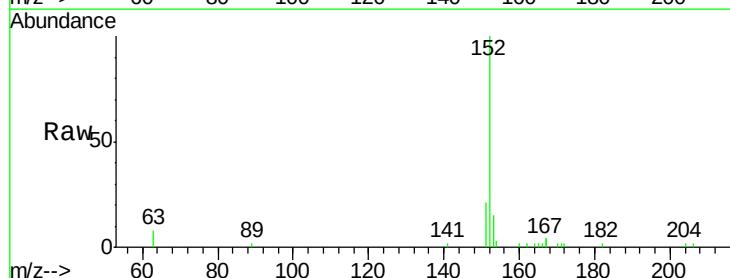
Tgt Ion:152 Resp: 3766

Ion Ratio Lower Upper

152 100

151 20.3 15.7 23.5

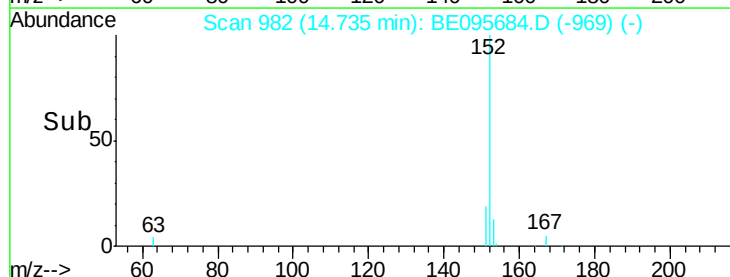
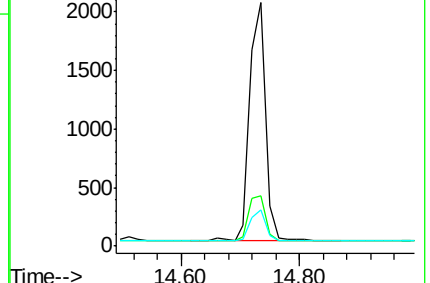
153 12.8 10.5 15.7

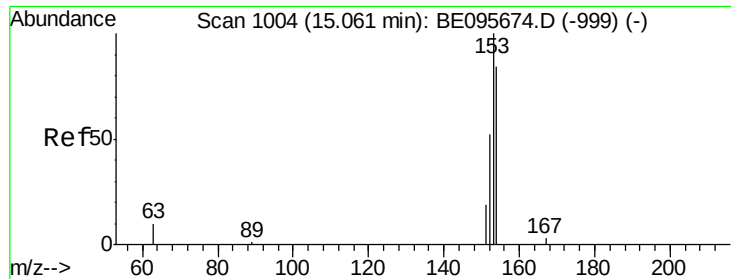


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.27 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

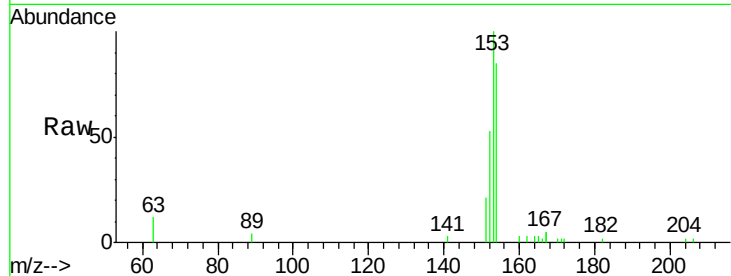
Tot Ion:154 Resp: 2376

Ion Ratio Lower Upper

154 100

153 115.3 89.2 133.8

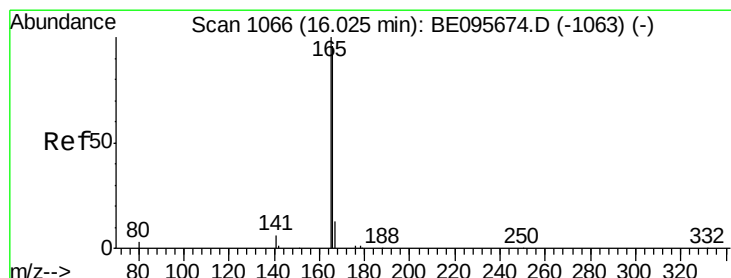
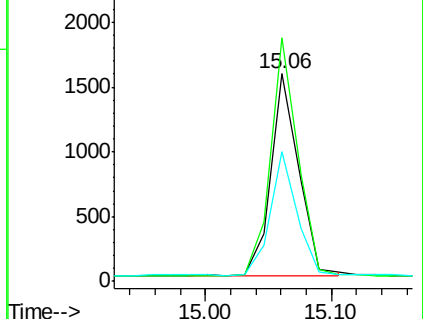
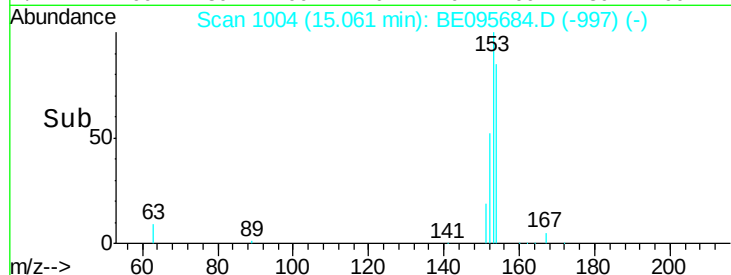
152 59.4 42.0 63.0



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: 0.28 ng

RT: 16.02 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

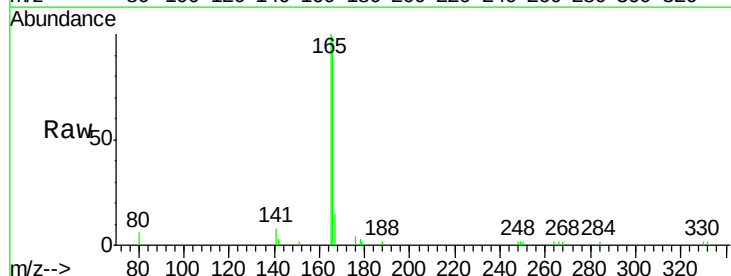
Tgt Ion:166 Resp: 3012

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.6

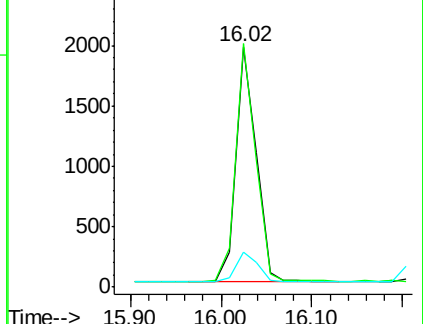
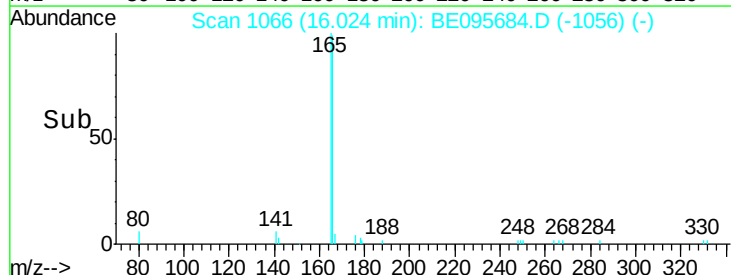
167 13.7 42.4 63.6#

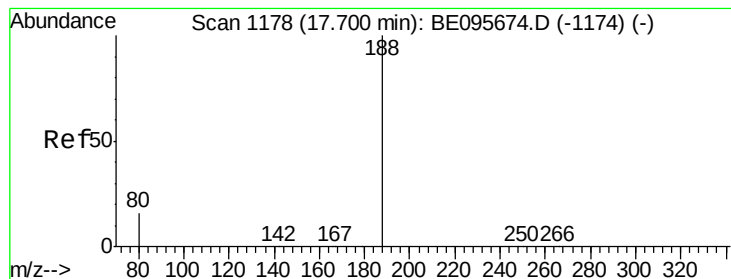


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

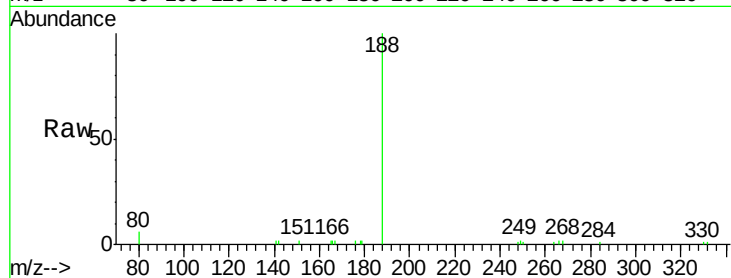
Tot Ion:188 Resp: 5682

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

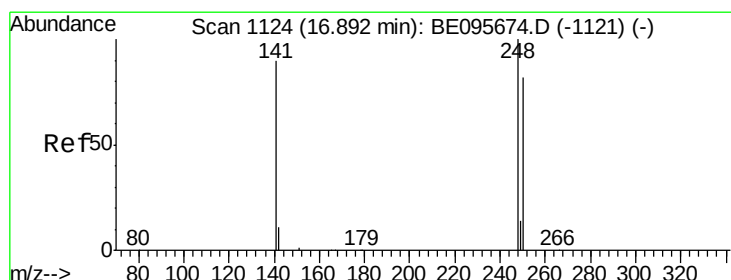
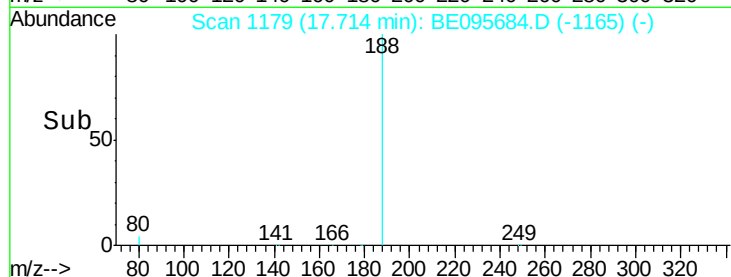
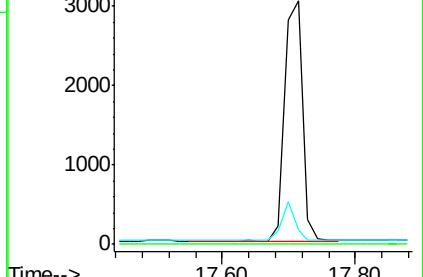
80 6.1 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.27 ng

RT: 16.89 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

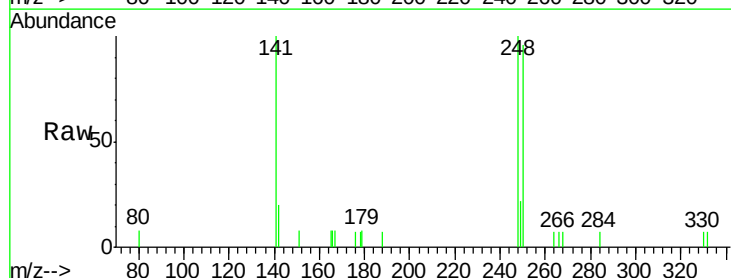
Tgt Ion:248 Resp: 967

Ion Ratio Lower Upper

248 100

250 96.2 62.7 94.1#

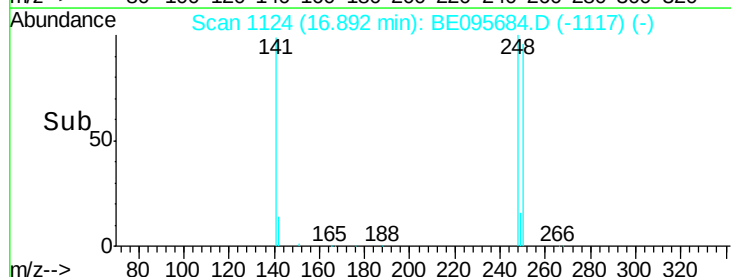
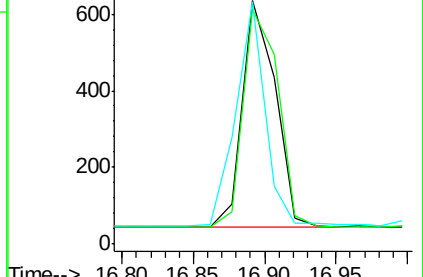
141 99.7 48.2 72.2#

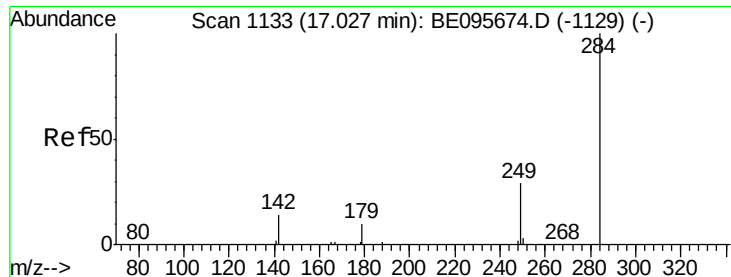


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.28 ng

RT: 17.03 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

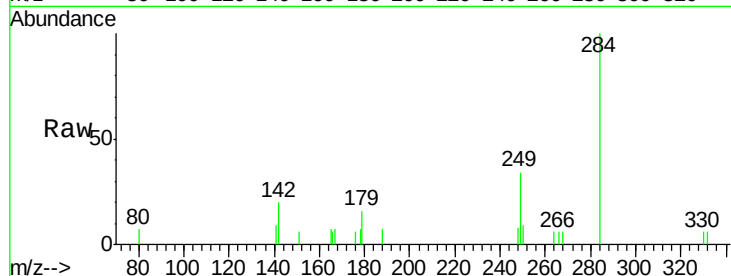
Tot Ion:284 Resp: 1023

Ion Ratio Lower Upper

284 100

142 39.8 22.1 33.1#

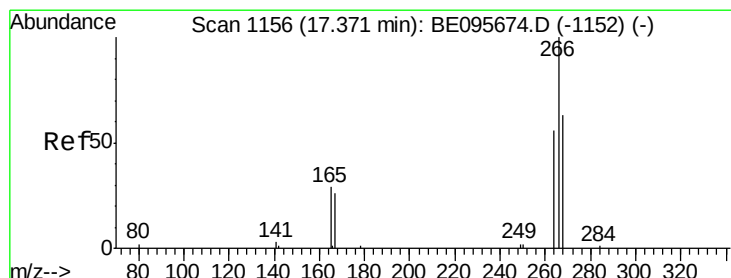
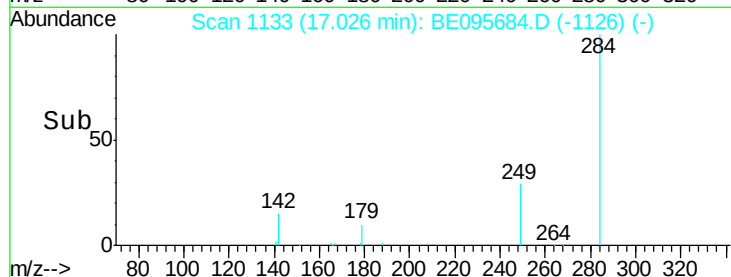
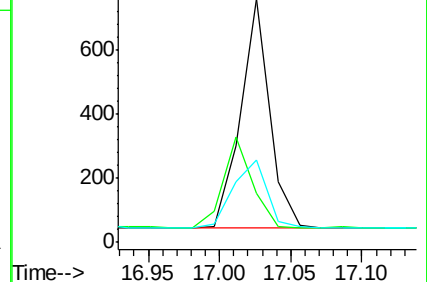
249 33.7 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.49 ng

RT: 17.36 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

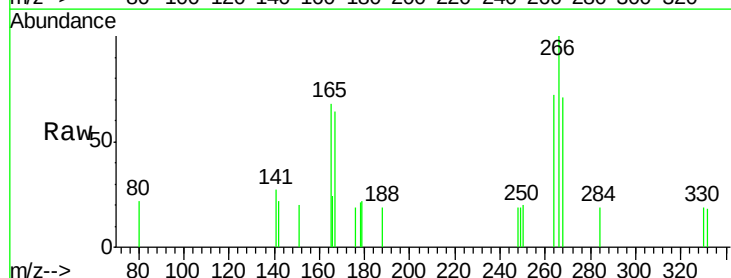
Tgt Ion:266 Resp: 427

Ion Ratio Lower Upper

266 100

264 72.2 72.5 108.7#

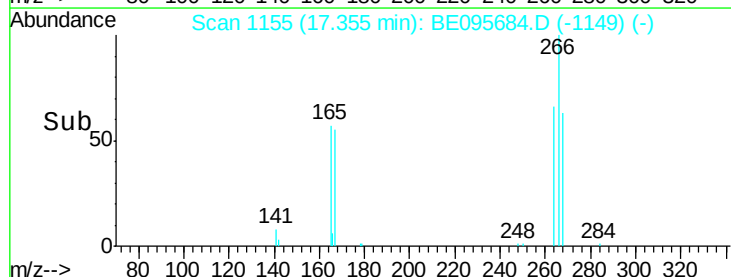
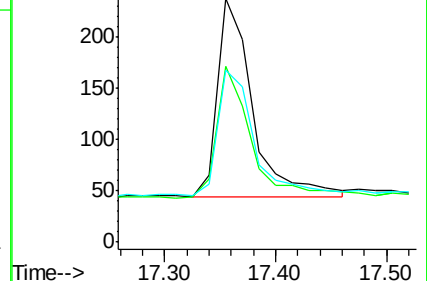
268 70.9 73.8 110.6#

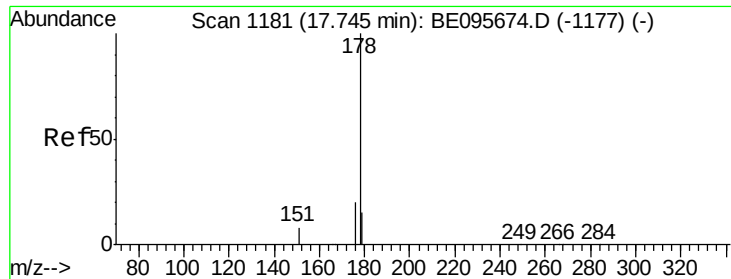


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.29 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

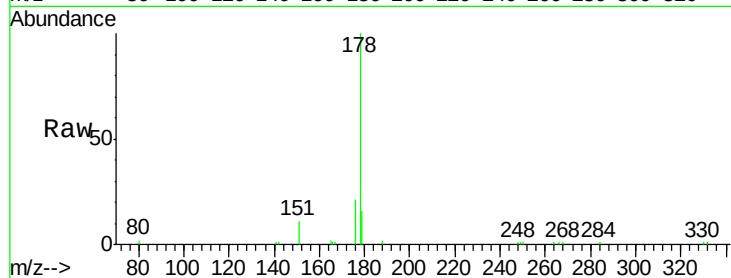
Tot Ion:178 Resp: 5068

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

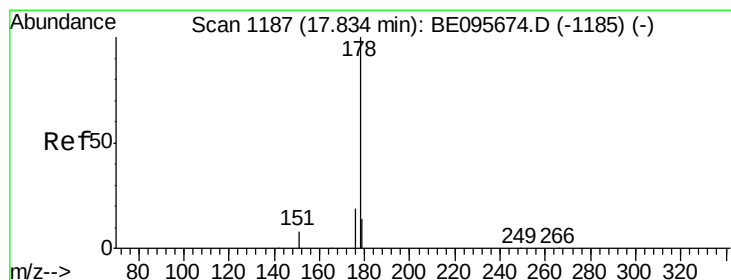
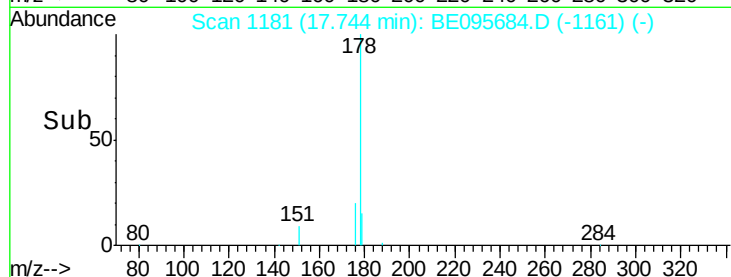
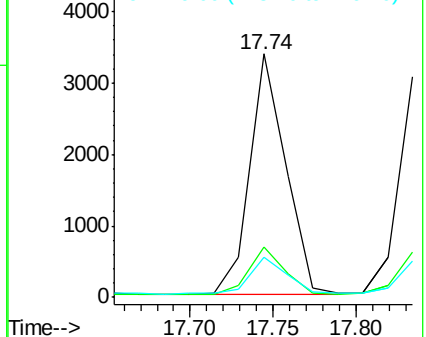
179 15.3 11.8 17.6



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



#24

Anthracene

Concen: 0.29 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

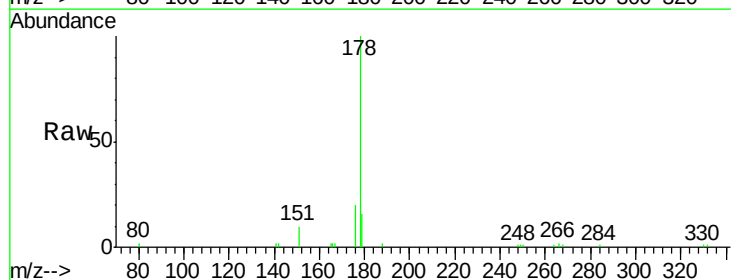
Tgt Ion:178 Resp: 4698

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

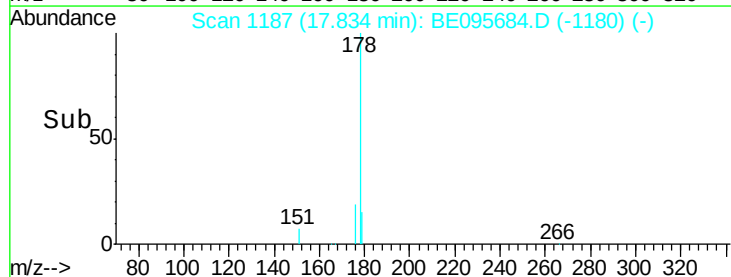
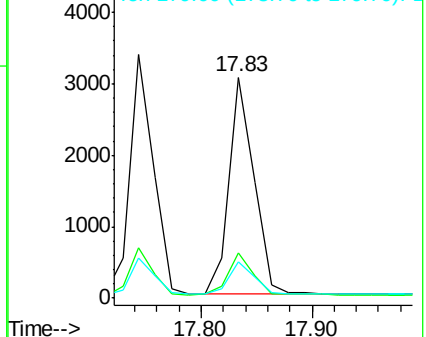
179 15.4 13.0 19.6

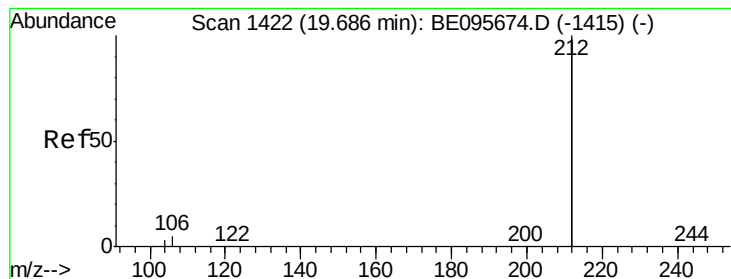


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.31 ng

RT: 19.68 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

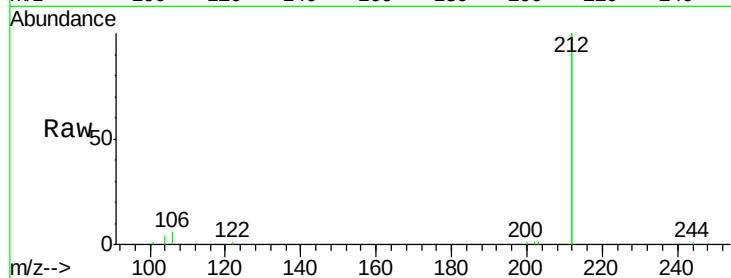
Tot Ion:212 Resp: 23003

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

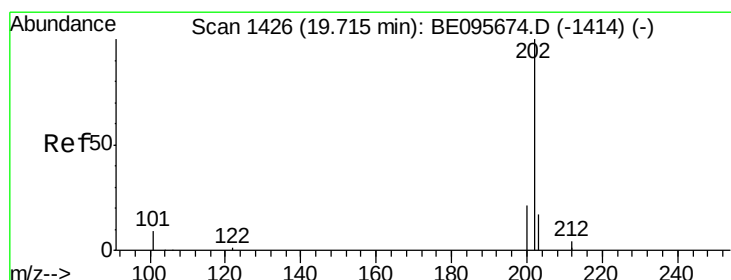
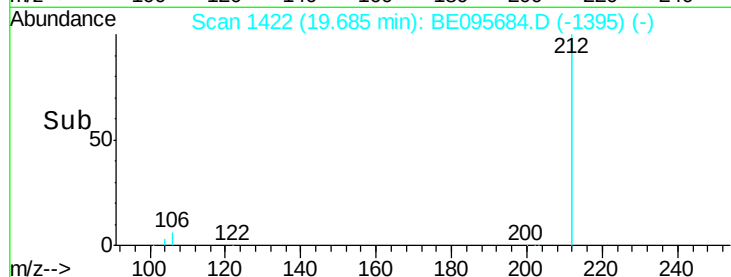
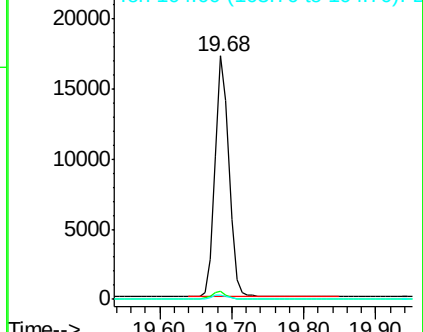
104 1.6 1.6 2.4



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



#26

Fluoranthene

Concen: 0.29 ng

RT: 19.71 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

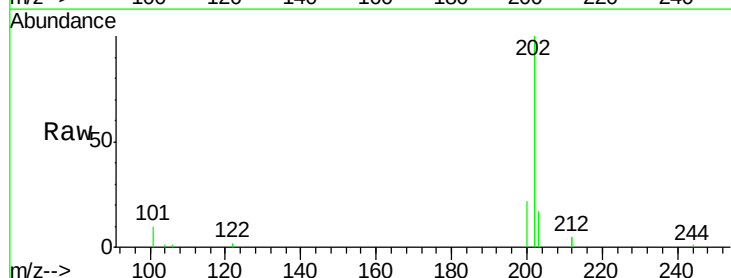
Tgt Ion:202 Resp: 6440

Ion Ratio Lower Upper

202 100

101 9.8 9.8 14.8#

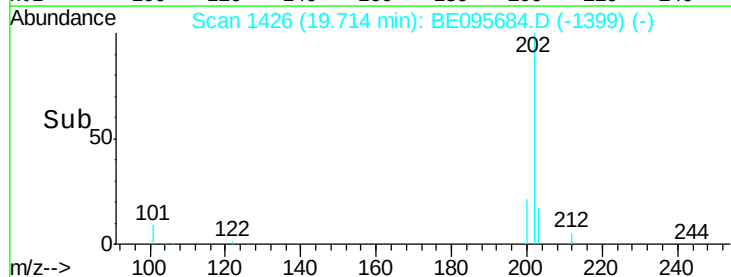
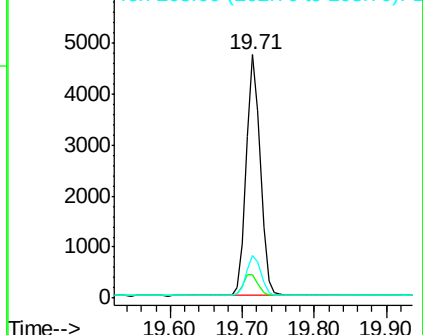
203 17.0 13.7 20.5

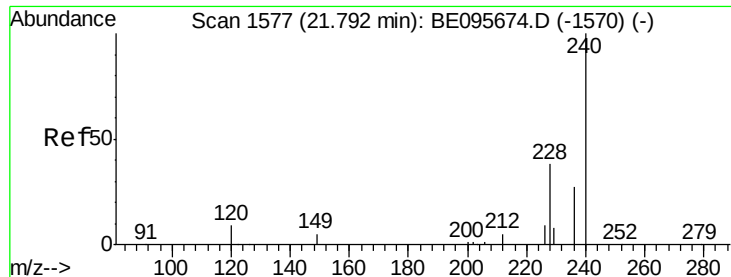


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

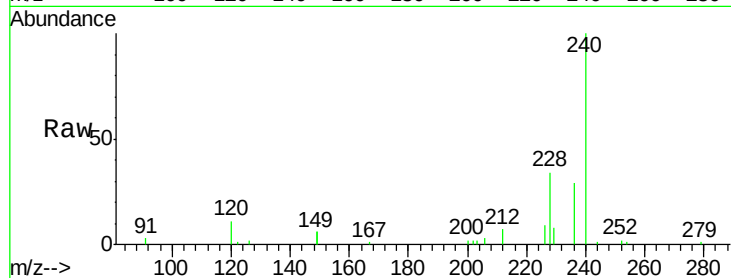
Tot Ion:240 Resp: 6241

Ion Ratio Lower Upper

240 100

120 11.4 5.5 8.3#

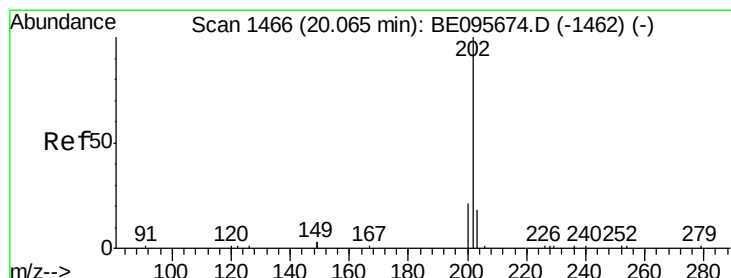
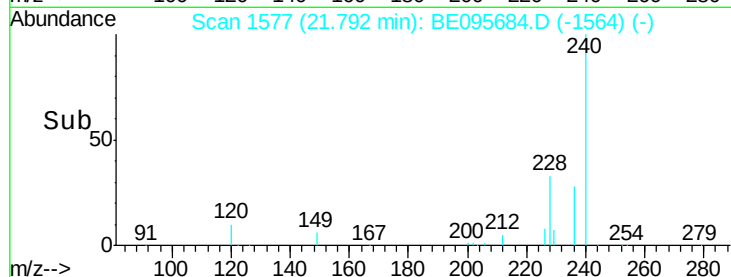
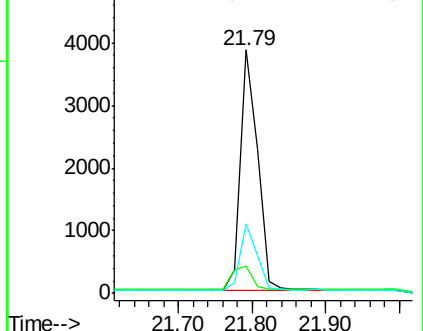
236 28.7 20.7 31.1



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



#28

Pyrene

Concen: 0.29 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

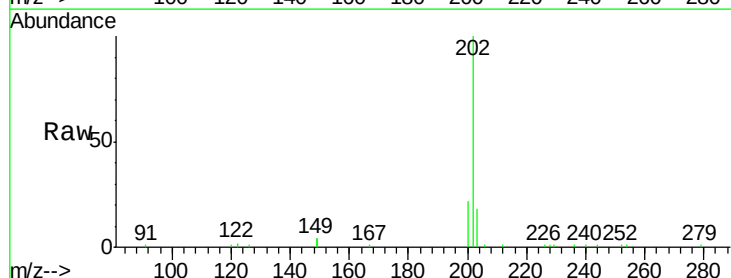
Tgt Ion:202 Resp: 7378

Ion Ratio Lower Upper

202 100

200 20.0 16.6 25.0

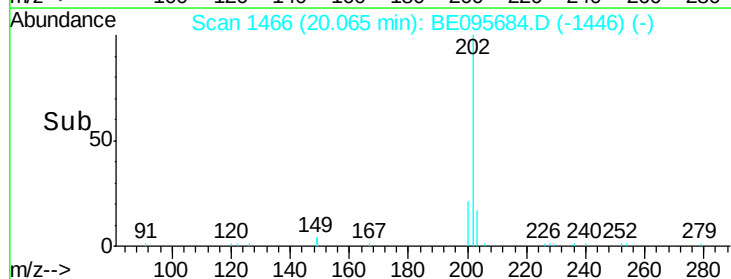
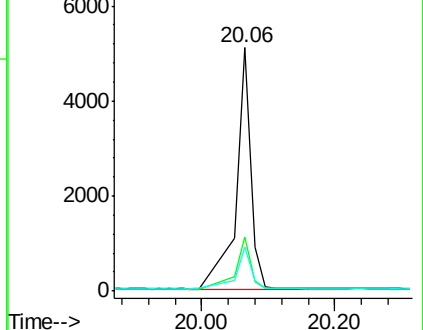
203 17.9 13.8 20.8

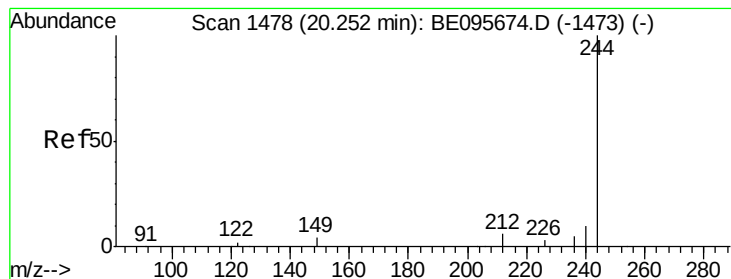


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.28 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

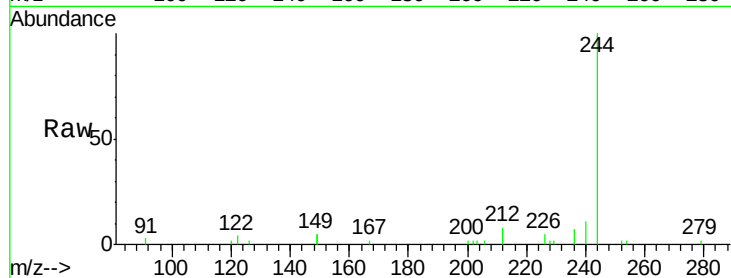
Tot Ion:244 Resp: 3535

Ion Ratio Lower Upper

244 100

212 7.6 25.4 38.0#

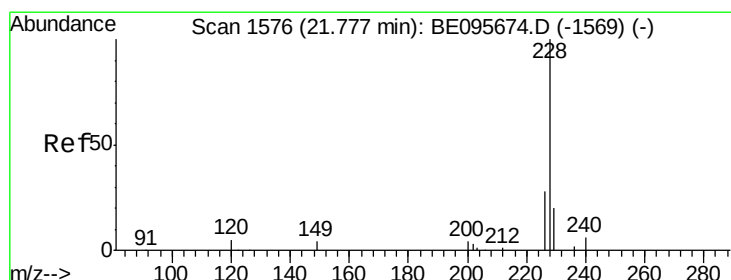
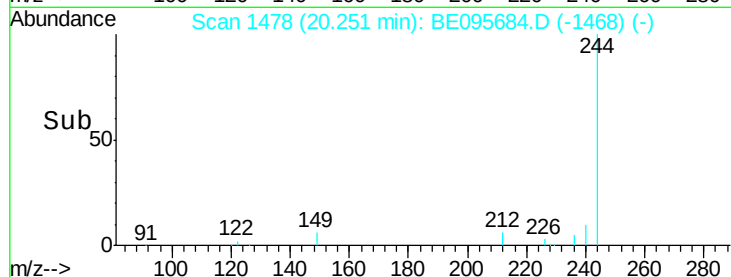
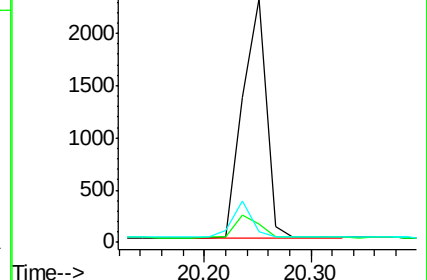
122 4.1 8.1 12.1#



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



#30

Benzo(a)anthracene

Concen: 0.30 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

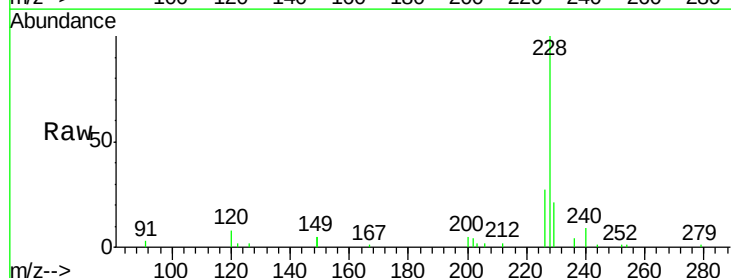
Tgt Ion:228 Resp: 6156

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

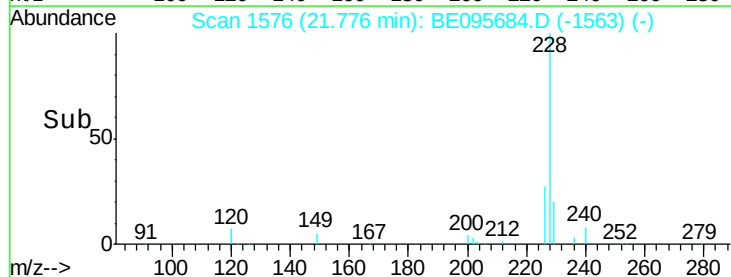
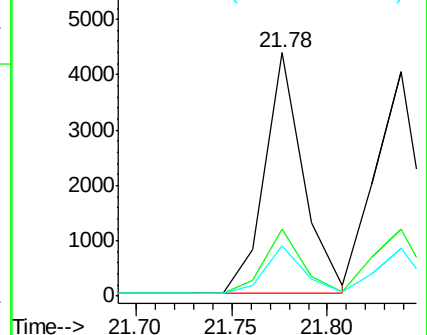
229 20.6 16.0 24.0

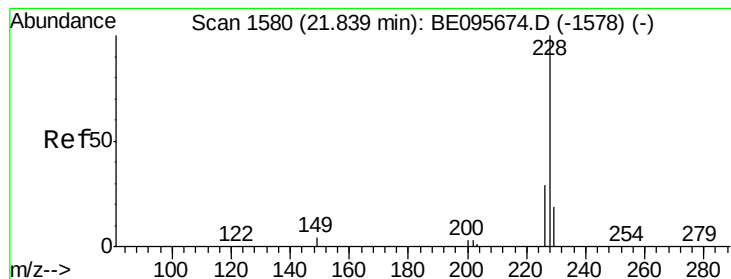


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.30 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

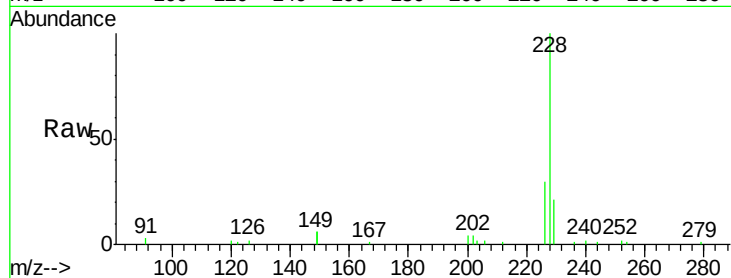
BNA_E

ClientSampleId :

PB106752BSD

Tot Ion:228 Resp: 6105

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.9	16.0	24.0

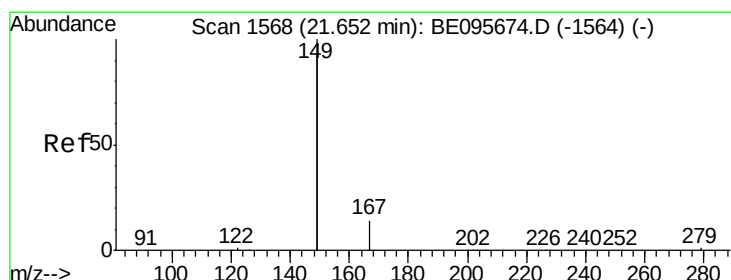
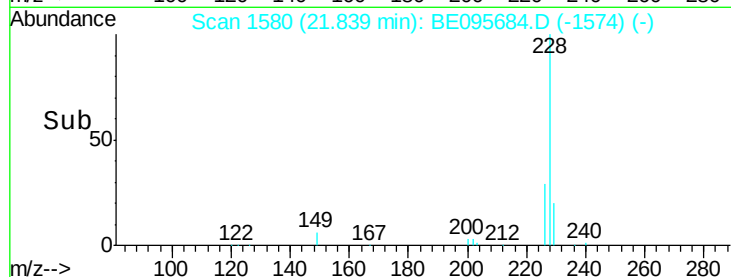
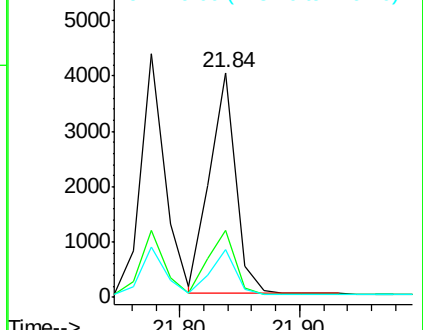


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 21.65 min Scan# 1568

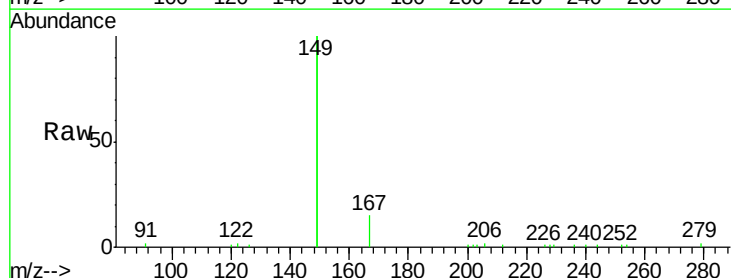
Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Tgt Ion:149 Resp: 10234

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.9	0.7	1.1

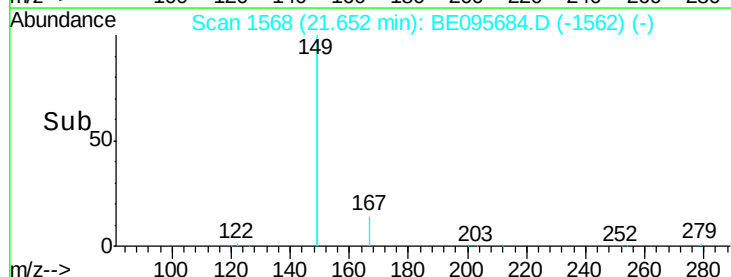
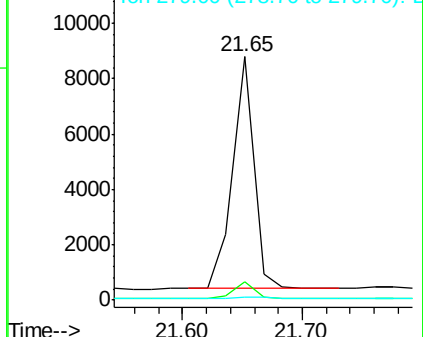


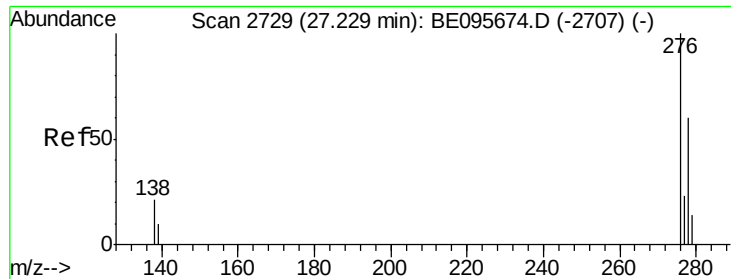
Abundance

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

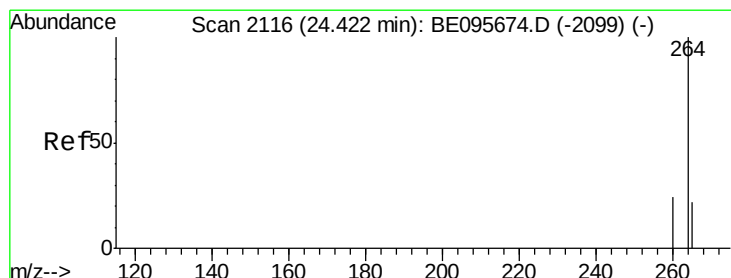
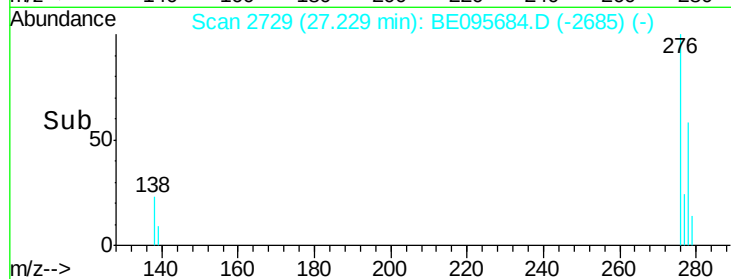
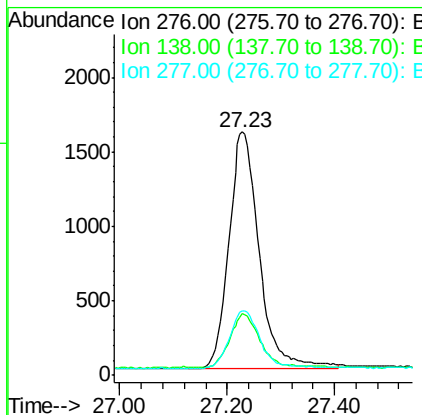
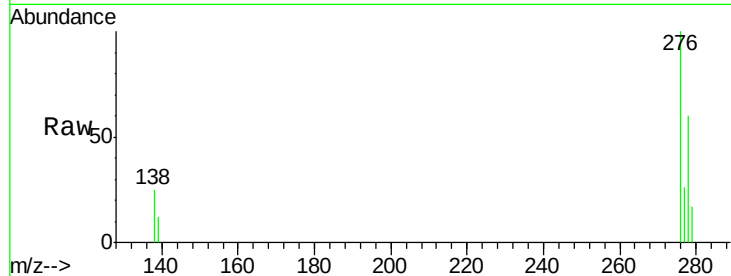




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng
RT: 27.23 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BE095684.D
Acq: 23 Feb 2018 15:43

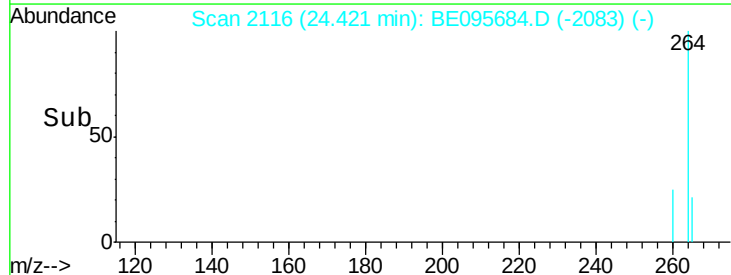
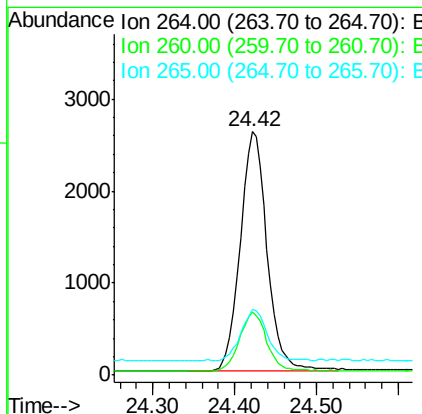
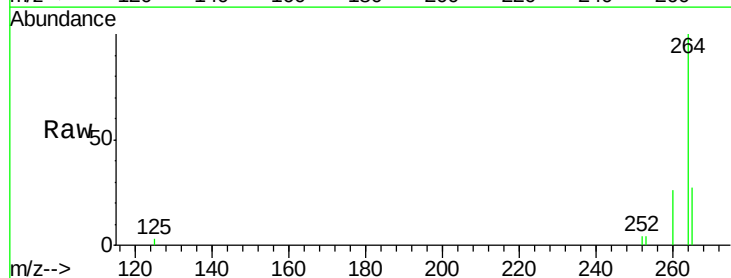
Instrument :
BNA_E
ClientSampleId :
PB106752BSD

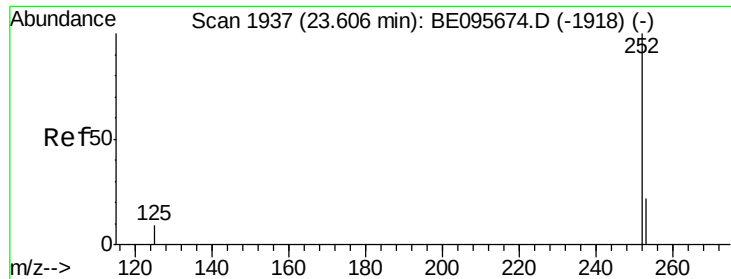
Tot Ion:276 Resp: 6230
Ion Ratio Lower Upper
276 100
138 21.9 22.5 33.7#
277 24.3 19.9 29.9



#34
Perylene-d12
Concen: 0.40 ng
RT: 24.42 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BE095684.D
Acq: 23 Feb 2018 15:43

Tgt Ion:264 Resp: 5873
Ion Ratio Lower Upper
264 100
260 26.2 20.5 30.7
265 26.8 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.29 ng

RT: 23.61 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

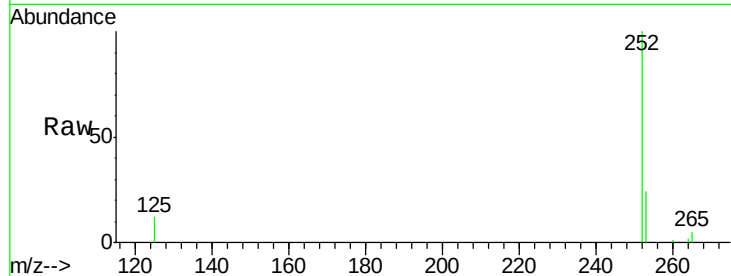
Tot Ion:252 Resp: 5972

Ion Ratio Lower Upper

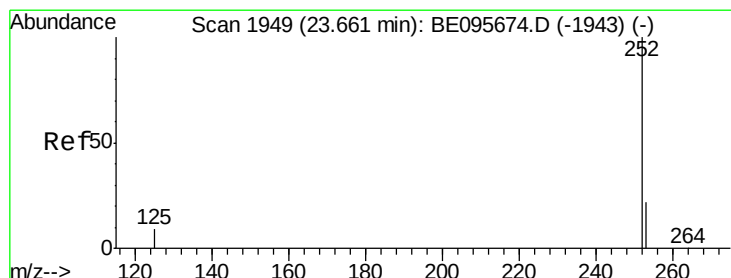
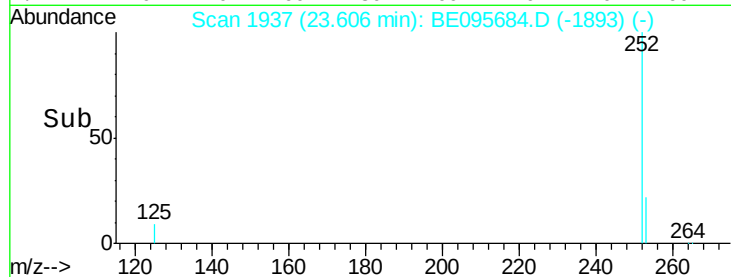
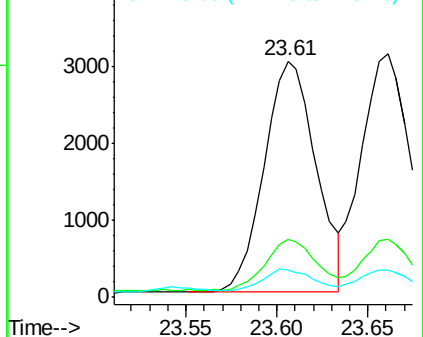
252 100

253 24.3 20.0 30.0

125 11.6 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.29 ng

RT: 23.66 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

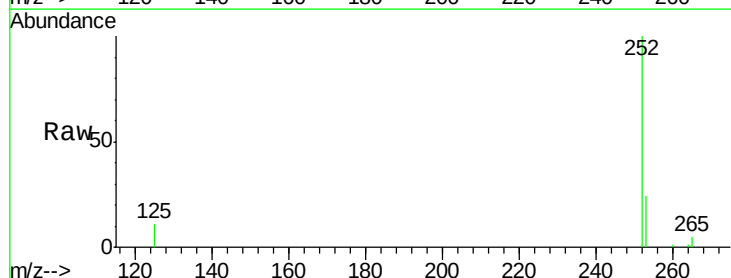
Tgt Ion:252 Resp: 5993

Ion Ratio Lower Upper

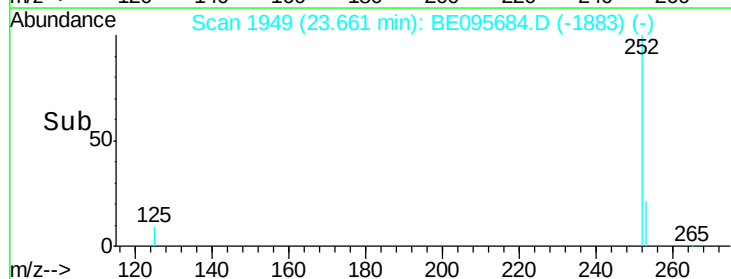
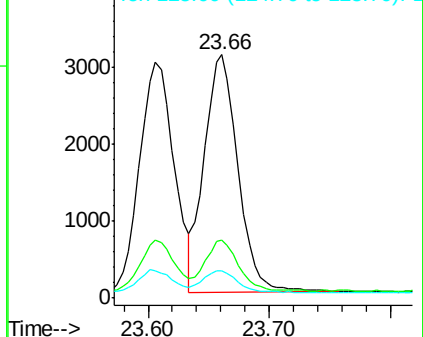
252 100

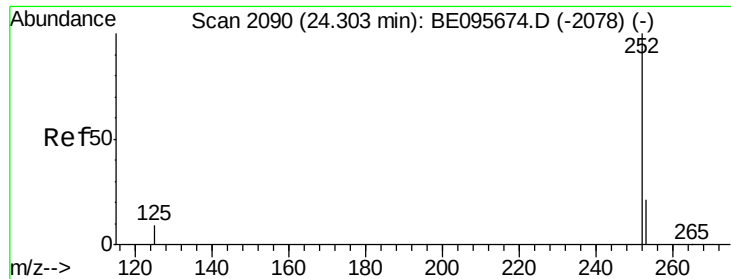
253 23.8 16.0 24.0

125 11.2 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.30 ng

RT: 24.30 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

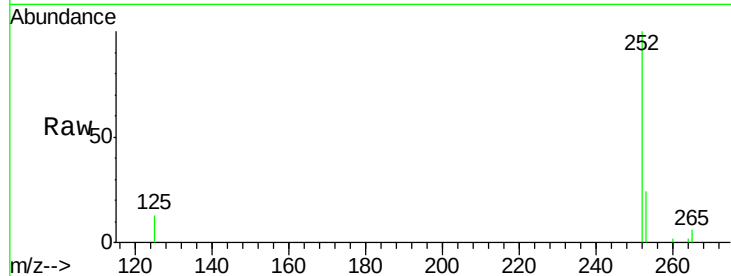
Tot Ion:252 Resp: 5680

Ion Ratio Lower Upper

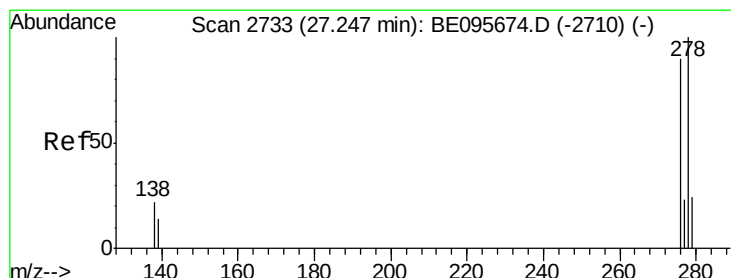
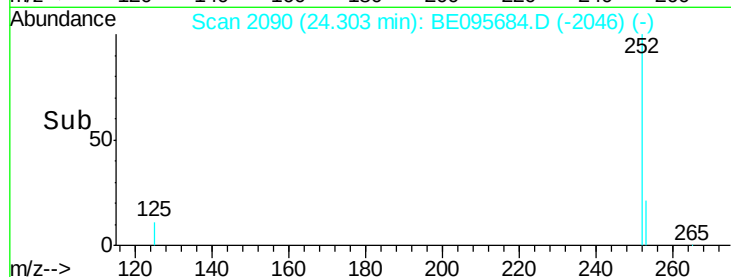
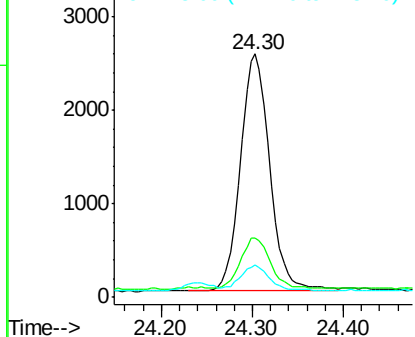
252 100

253 24.2 16.0 24.0#

125 13.4 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.30 ng

RT: 27.25 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

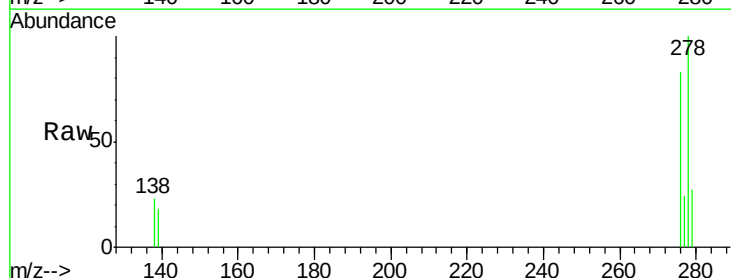
Tgt Ion:278 Resp: 4956

Ion Ratio Lower Upper

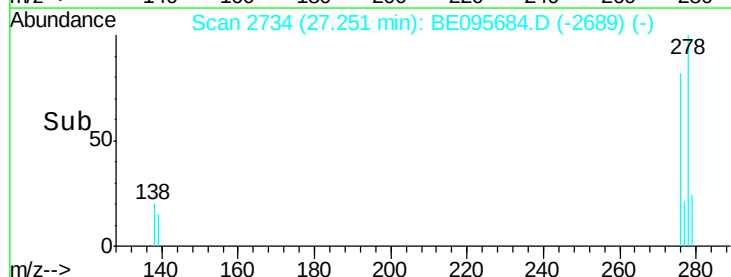
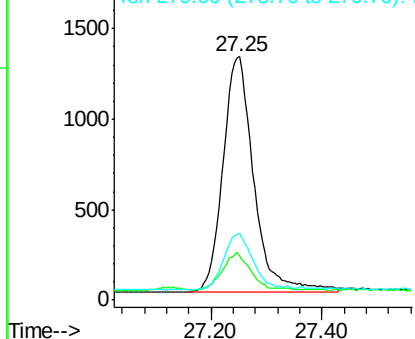
278 100

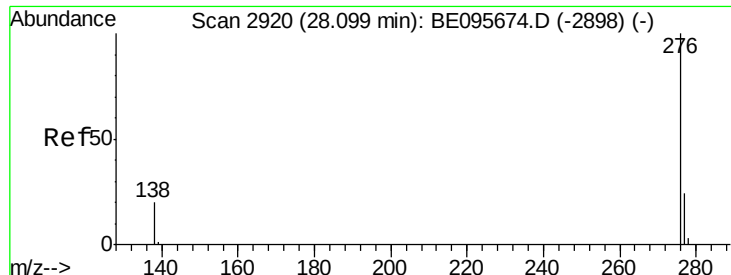
139 18.1 16.0 24.0

279 27.5 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.29 ng

RT: 28.10 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BE095684.D

Acq: 23 Feb 2018 15:43

Instrument :

BNA_E

ClientSampleId :

PB106752BSD

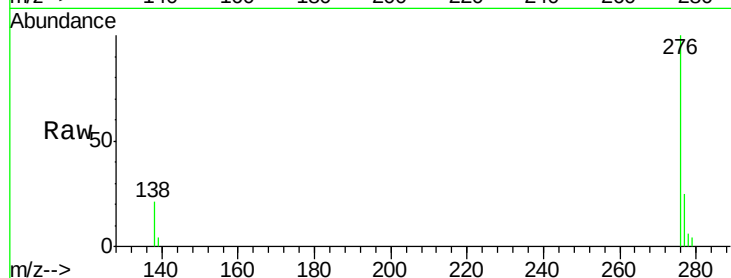
Tot Ion: 276 Resp: 5291

Ion Ratio Lower Upper

276 100

277 25.0 16.0 24.0#

138 21.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

