

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095549.D
 Acq On : 7 Feb 2018 12:03
 Operator : SJ/JU
 Sample : J1196-02DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 08 01:14:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1154	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4555	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2668	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6499	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6814	0.40	ng	0.00
34) Perylene-d12	24.43	264	6405	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	108	0.03	ng	0.00
5) Phenol-d6	7.55	99	176	0.04	ng	-0.01
8) Nitrobenzene-d5	9.62	82	208	0.04	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	308	0.04	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	39	0.03	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	523	0.05	ng	0.00
25) Fluoranthene-d10	19.69	212	3974	0.05	ng	0.00
29) Terphenyl-d14	20.25	244	928	0.06	ng	0.00

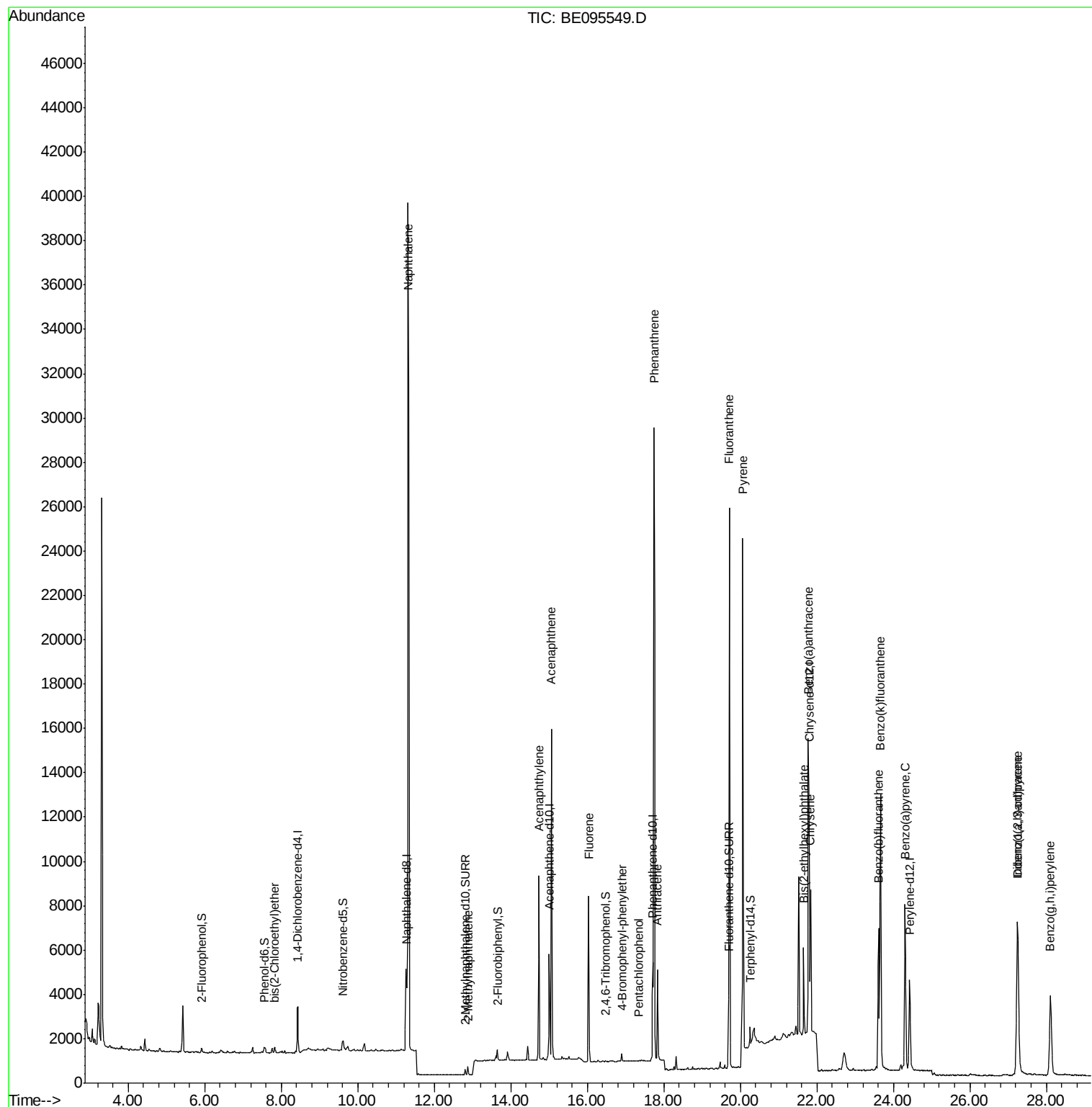
Target Compounds				Qvalue		
6) bis(2-Chloroethyl)ether	7.83	93	106	0.024	ng	82
9) Naphthalene	11.31	128	70990	1.342	ng	99
12) 2-Methylnaphthalene	12.88	142	276	0.031	ng	# 91
16) Acenaphthylene	14.73	152	9415	0.619	ng	99
17) Acenaphthene	15.06	154	7951	0.841	ng	94
18) Fluorene	16.04	166	6684	0.562	ng	# 79
20) 4-Bromophenyl-phenylether	16.91	248	211	0.054	ng	# 80
22) Pentachlorophenol	17.35	266	14	0.170	ng	97
23) Phenanthrene	17.74	178	32915	1.649	ng	98
24) Anthracene	17.83	178	4790	0.257	ng	95
26) Fluoranthene	19.72	202	21609	0.858	ng	# 97
28) Pyrene	20.06	202	23735	0.830	ng	95
30) Benzo(a)anthracene	21.78	228	12259	0.540	ng	98
31) Chrysene	21.84	228	5643	0.252	ng	98
32) Bis(2-ethylhexyl)phthalate	21.65	149	4392	0.084	ng	# 98
33) Indeno(1,2,3-cd)pyrene	27.23	276	8470	0.392	ng	96
35) Benzo(b)fluoranthene	23.61	252	9435	0.432	ng	# 91
36) Benzo(k)fluoranthene	23.66	252	18740	0.835	ng	96
37) Benzo(a)pyrene	24.31	252	13322	0.655	ng	93
38) Dibenzo(a,h)anthracene	27.26	278	10803	0.607	ng	96
39) Benzo(g,h,i)perylene	28.10	276	9379	0.491	ng	# 93

(#) = 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# 443

Delta R.T. 0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampleId :

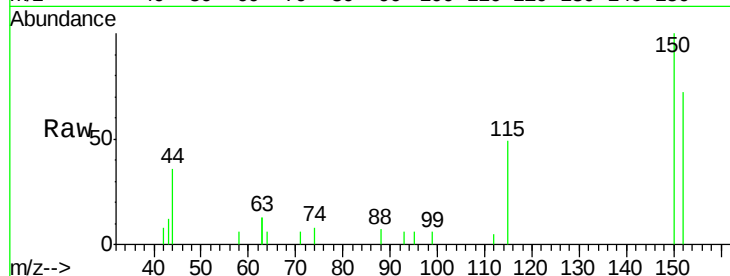
Tot Ion:152 Resp: 1154

Ion Ratio Lower Upper

152 100

150 138.6 117.2 175.8

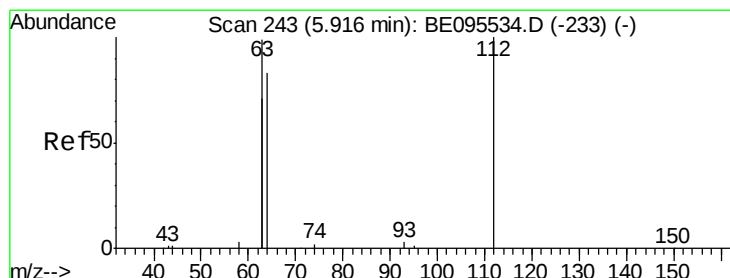
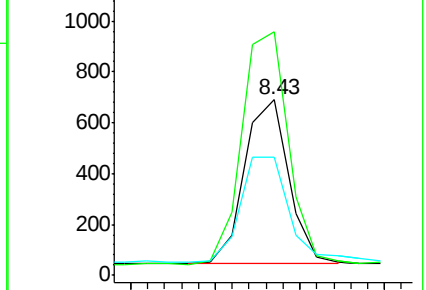
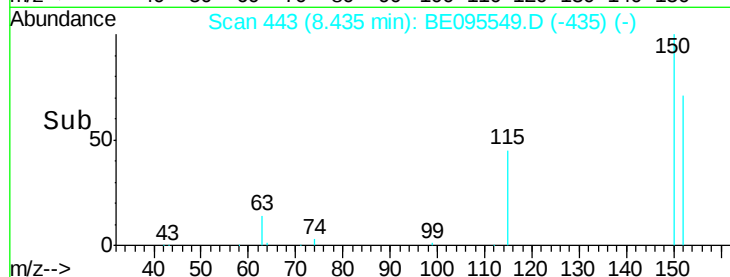
115 67.4 57.0 85.6



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: 0.031 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

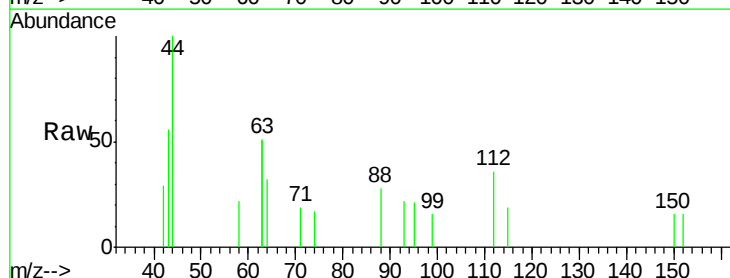
Tgt Ion:112 Resp: 108

Ion Ratio Lower Upper

112 100

64 79.6 60.1 90.1

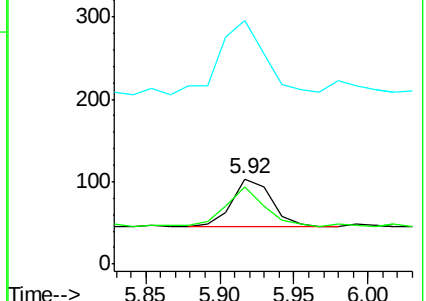
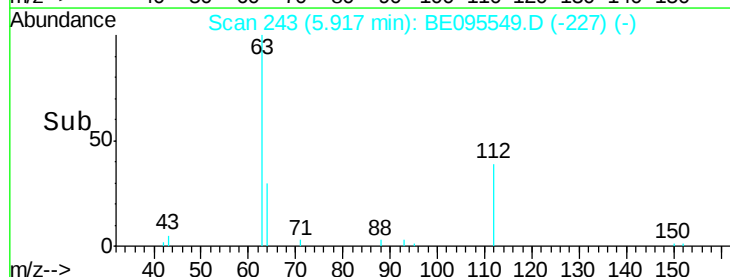
63 184.3 116.8 175.2#

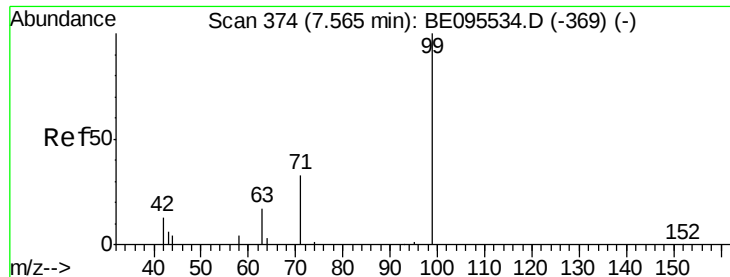


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.037 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampleId :

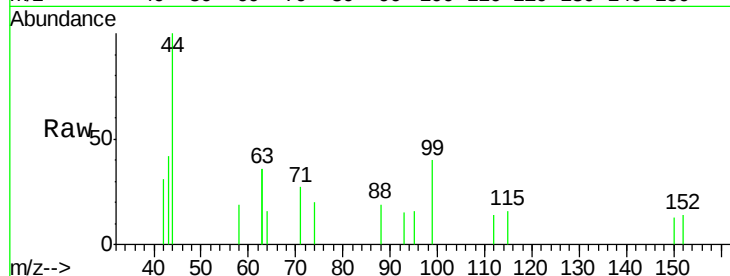
Tot Ion: 99 Resp: 176

Ion Ratio Lower Upper

99 100

42 31.8 20.2 30.2#

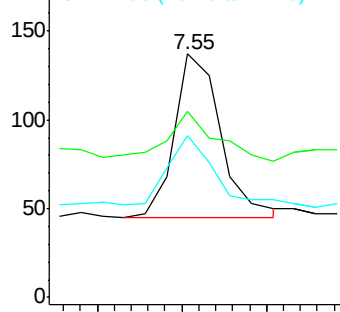
71 41.5 28.4 42.6



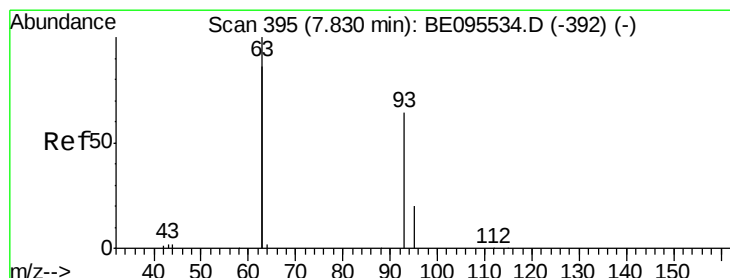
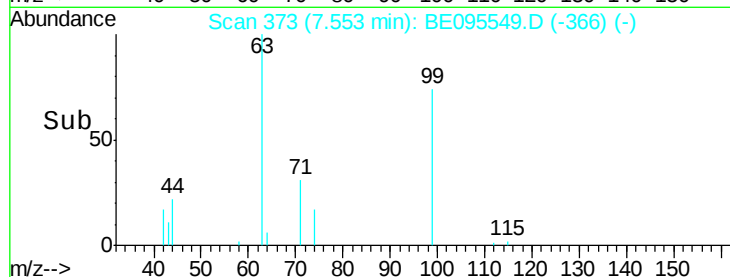
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.83 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

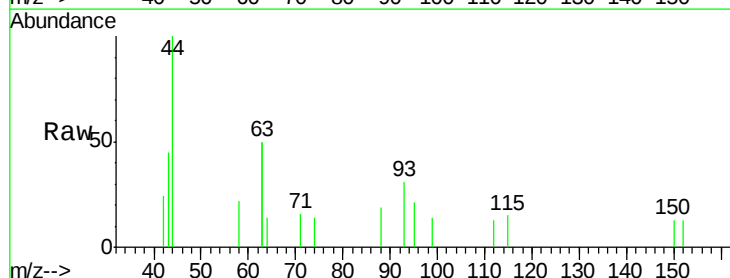
Tgt Ion: 93 Resp: 106

Ion Ratio Lower Upper

93 100

63 301.9 275.3 412.9

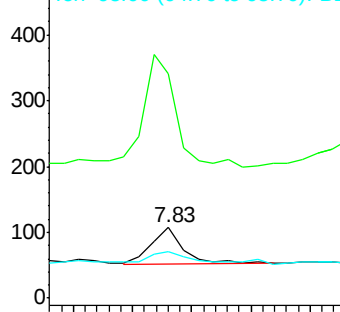
95 31.1 25.2 37.8



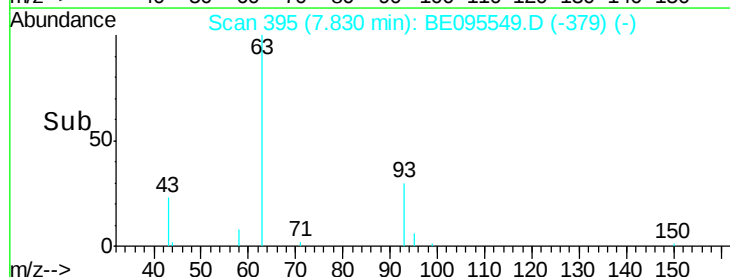
Abundance Ion 93.00 (92.70 to 93.70): BE0

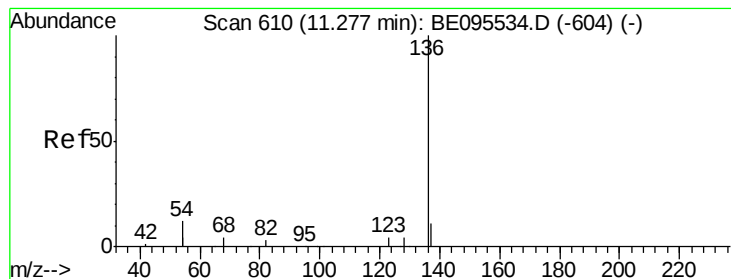
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. 0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4555

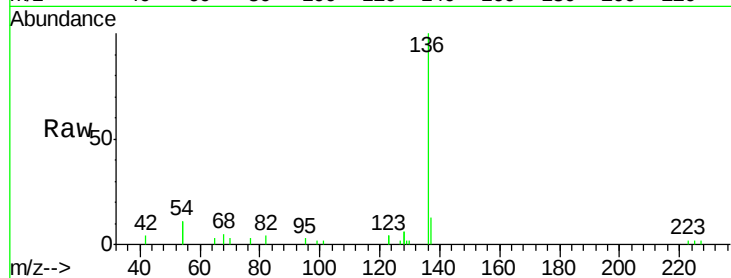
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 22.3 29.1 43.7#

68 5.1 6.2 9.2#

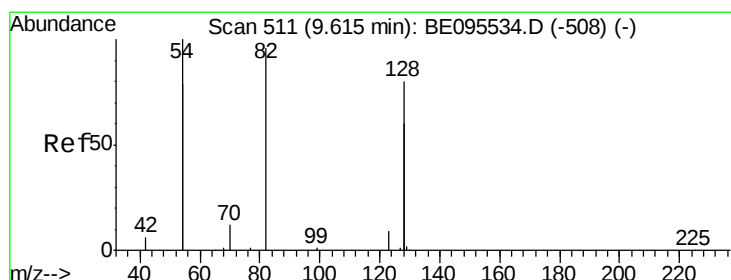
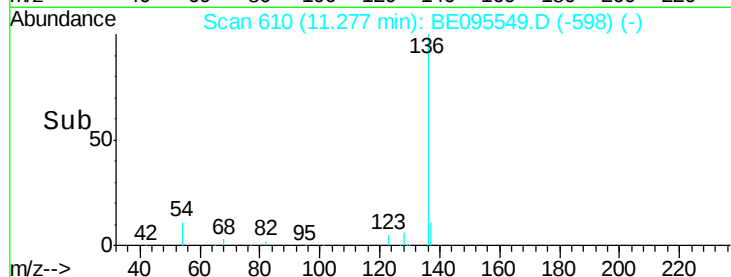
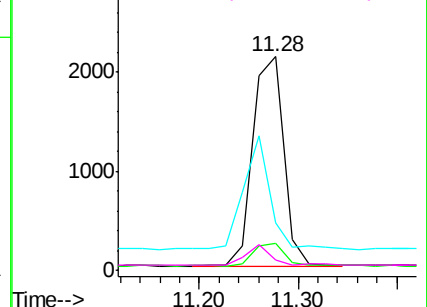


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.043 ng

RT: 9.62 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

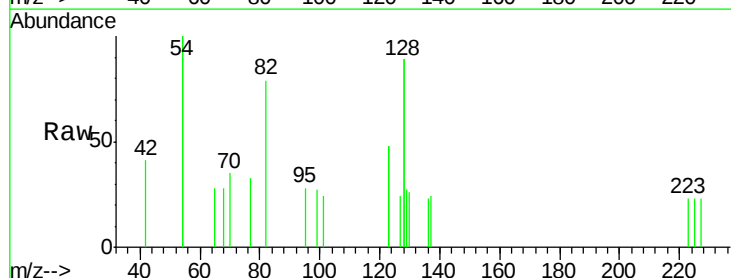
Tgt Ion: 82 Resp: 208

Ion Ratio Lower Upper

82 100

128 223.7 150.0 225.0

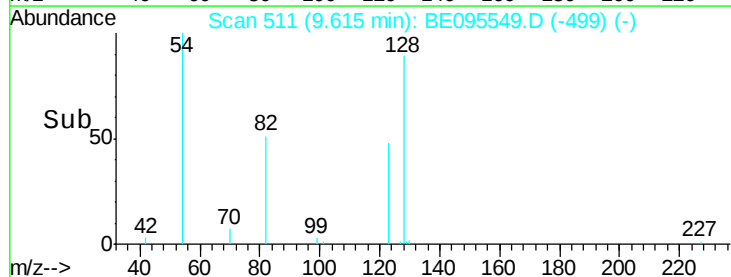
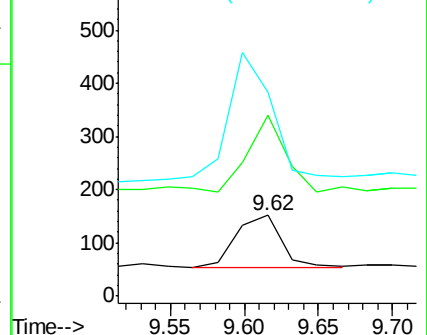
54 252.6 154.2 231.4#

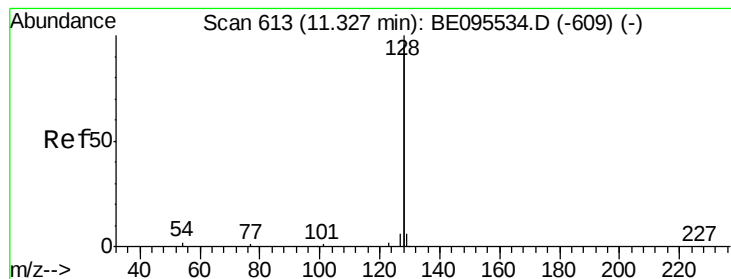


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.342 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampleId :

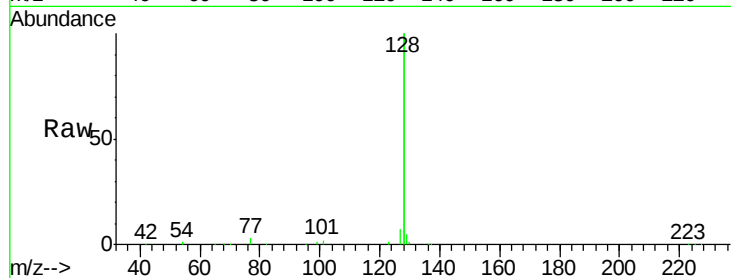
Tot Ion:128 Resp: 70990

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

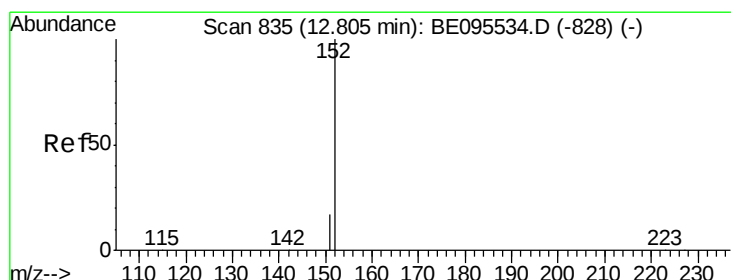
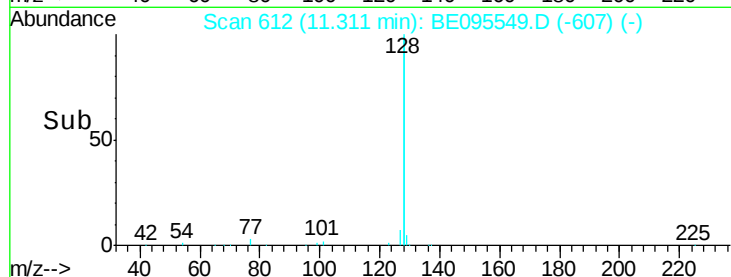
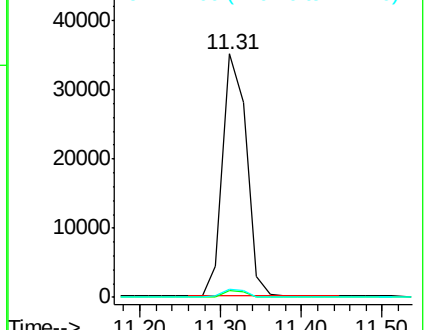
127 3.6 2.8 4.2



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



#11

2-Methylnaphthalene-d10

Concen: 0.041 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095549.D

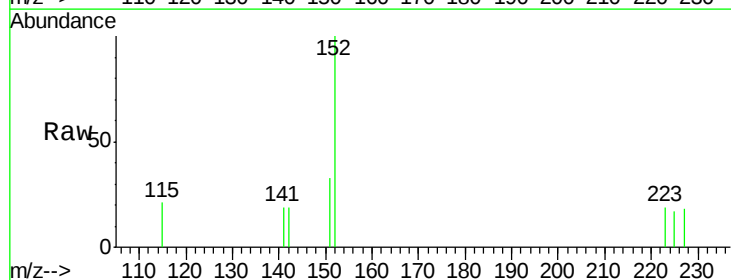
Acq: 7 Feb 2018 12:03

Tgt Ion:152 Resp: 308

Ion Ratio Lower Upper

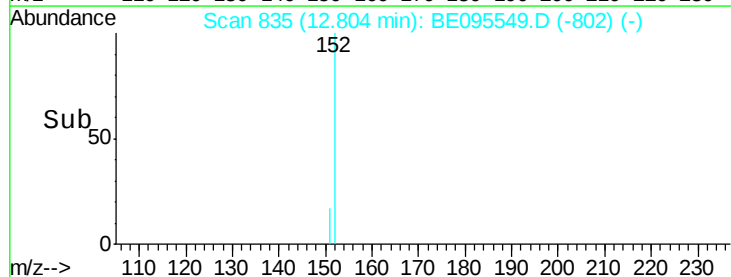
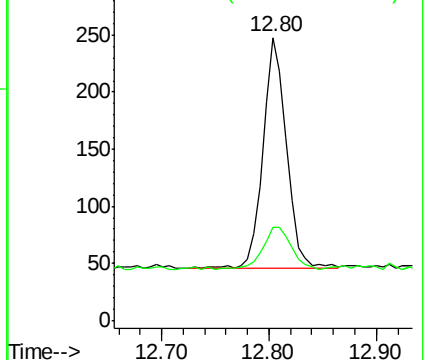
152 100

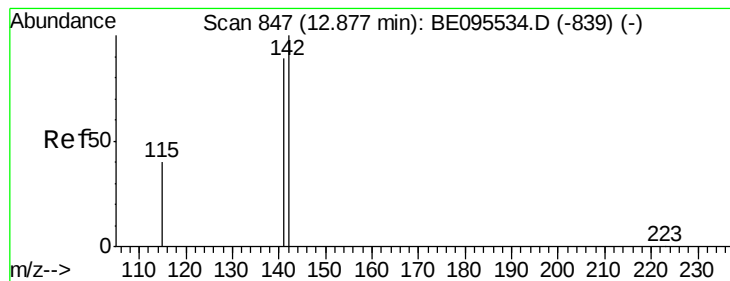
151 22.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.031 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampled :

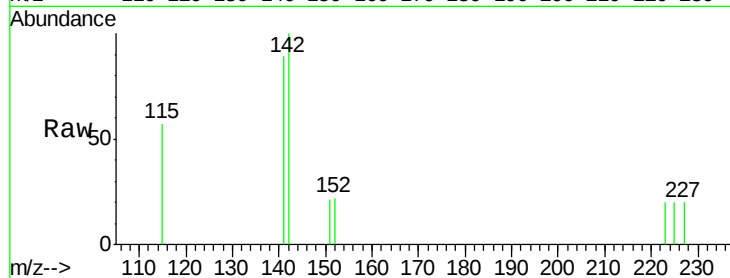
Tot Ion:142 Resp: 276

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

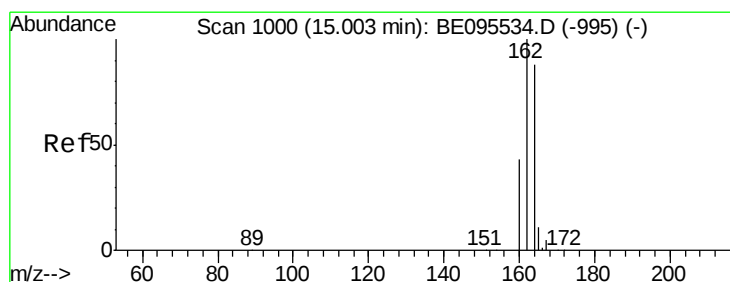
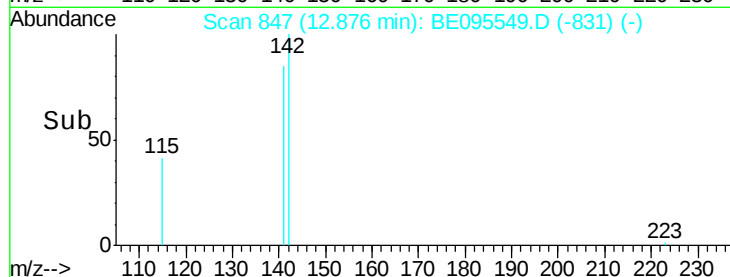
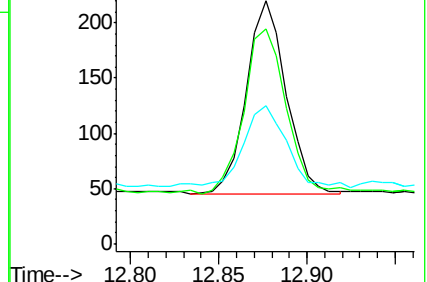
115 56.8 31.7 47.5#



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

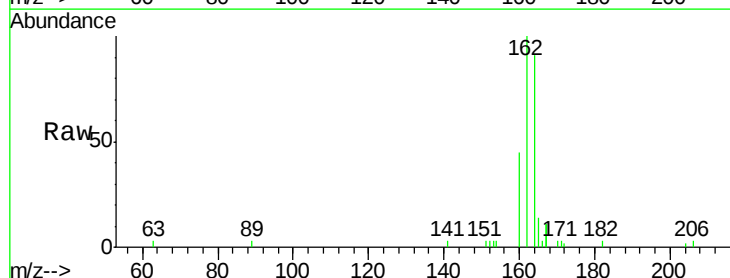
Tgt Ion:164 Resp: 2668

Ion Ratio Lower Upper

164 100

162 109.5 83.1 124.7

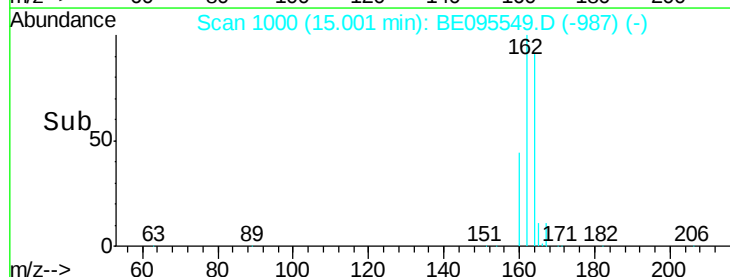
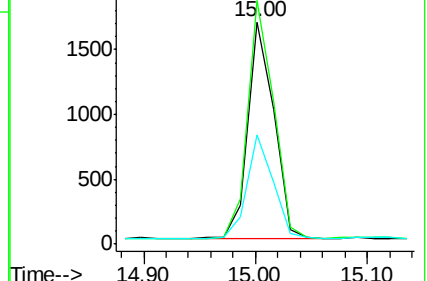
160 49.2 37.1 55.7

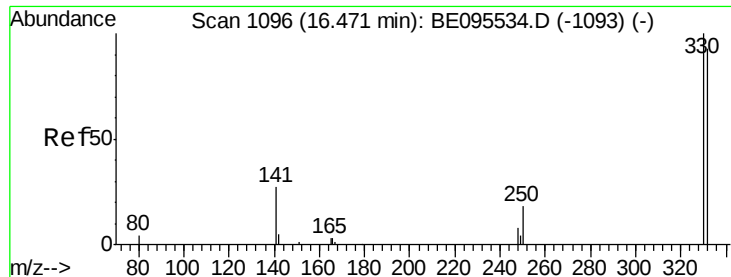


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

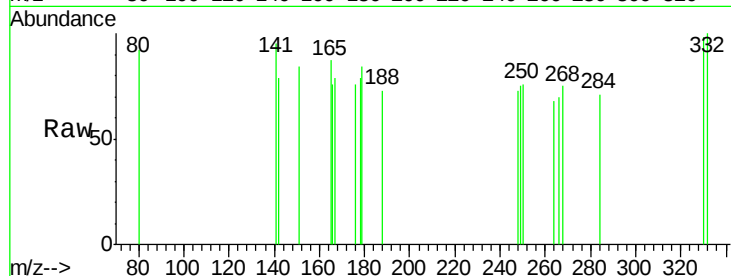




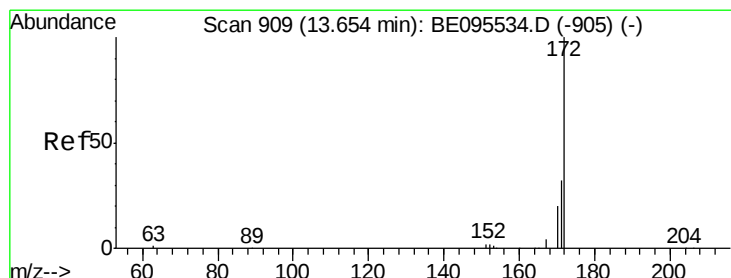
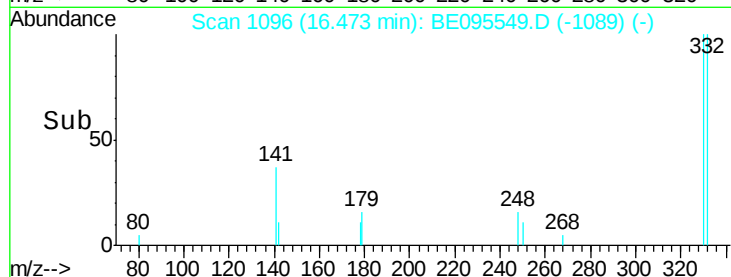
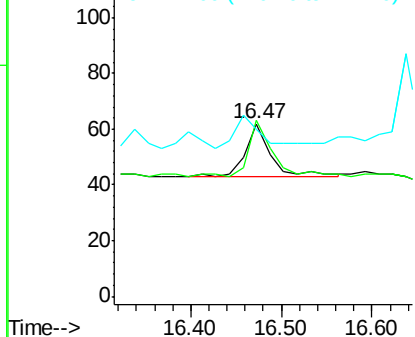
#14
 2,4,6-Tribromophenol
 Concen: 0.032 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095549.D
 Acq: 7 Feb 2018 12:03

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 39
 Ion Ratio Lower Upper
 330 100
 332 100.0 152.7 229.1#
 141 59.0 33.7 50.5#

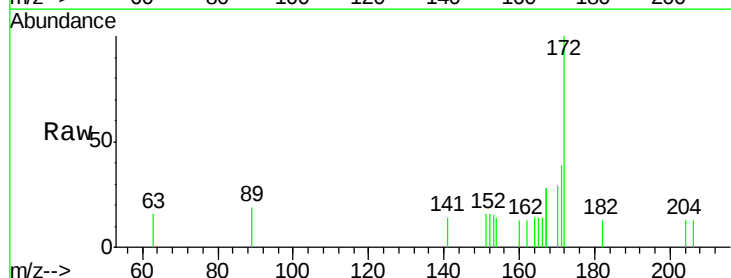


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

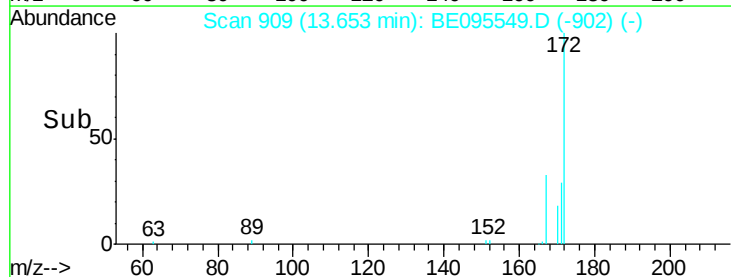
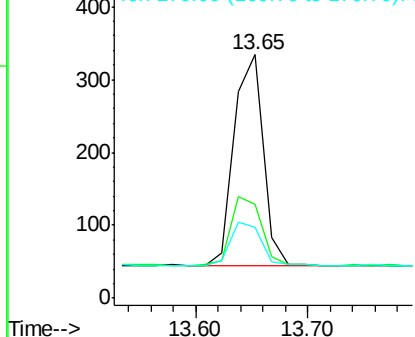


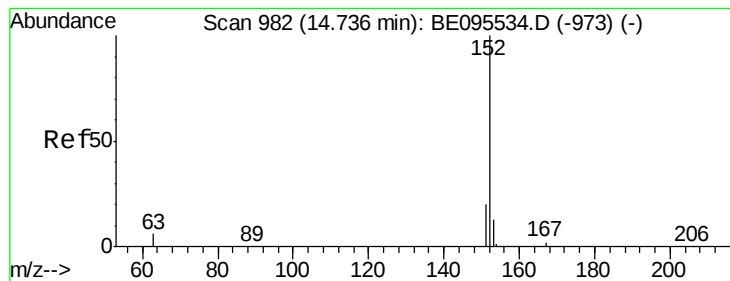
#15
 2-Fluorobiphenyl
 Concen: 0.045 ng
 RT: 13.65 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BE095549.D
 Acq: 7 Feb 2018 12:03

Tgt Ion:172 Resp: 523
 Ion Ratio Lower Upper
 172 100
 171 38.6 29.9 44.9
 170 29.0 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





#16

Acenaphthylene

Concen: 0.619 ng

RT: 14.73 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampleId :

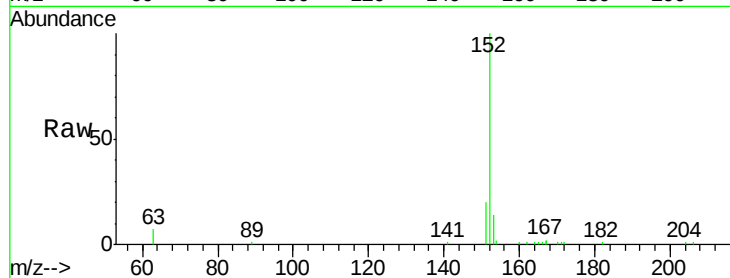
Tot Ion:152 Resp: 9415

Ion Ratio Lower Upper

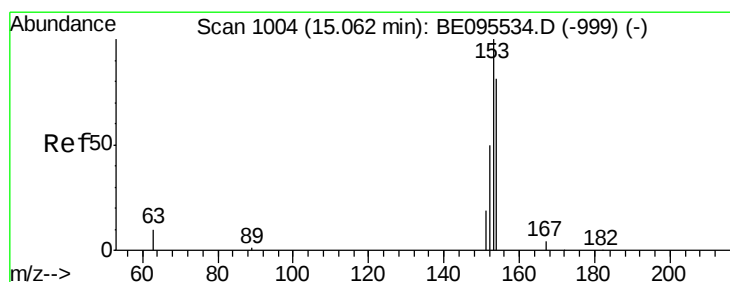
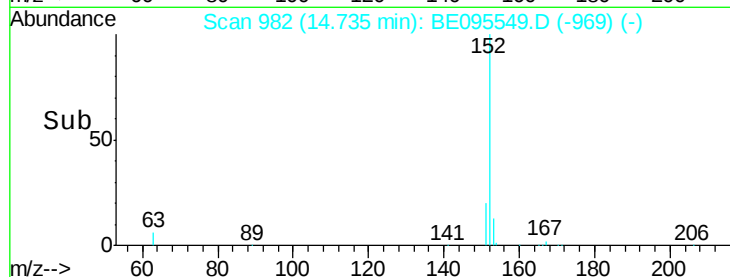
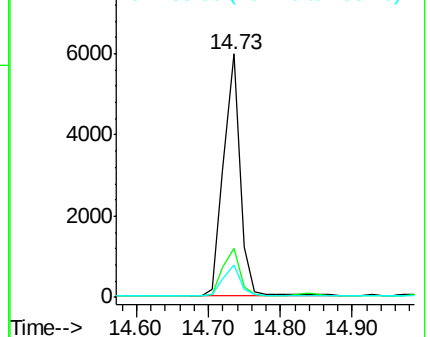
152 100

151 20.1 15.7 23.5

153 12.9 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: 0.841 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

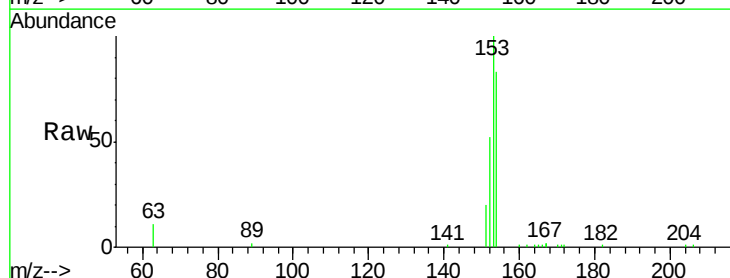
Tgt Ion:154 Resp: 7951

Ion Ratio Lower Upper

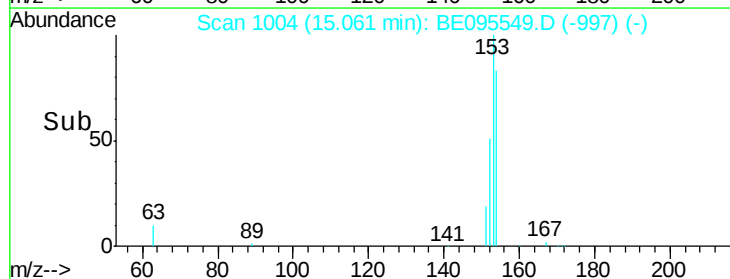
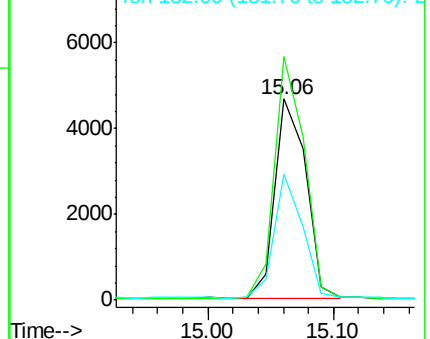
154 100

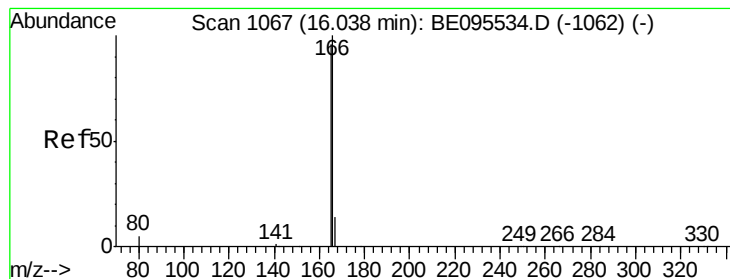
153 116.7 89.2 133.8

152 57.4 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: 0.562 ng

RT: 16.04 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampleId :

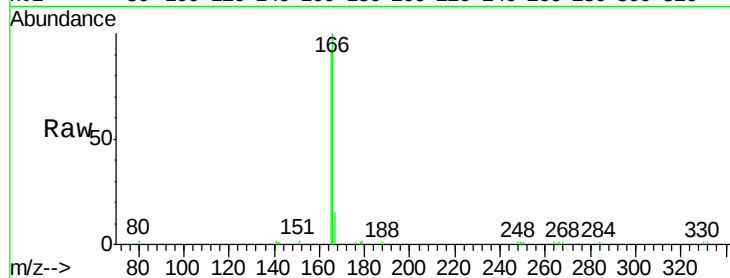
Tot Ion:166 Resp: 6684

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.6

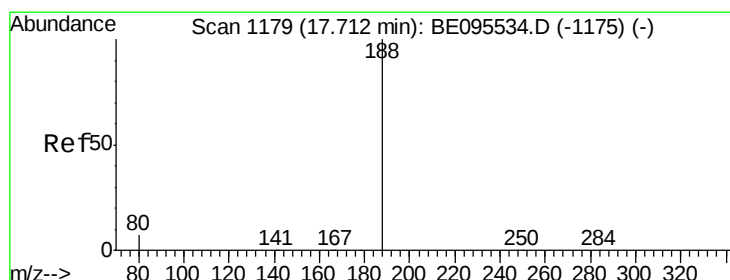
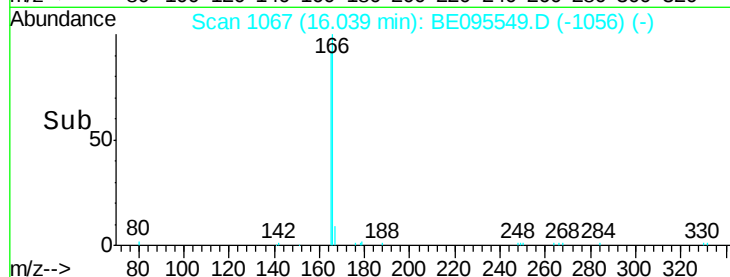
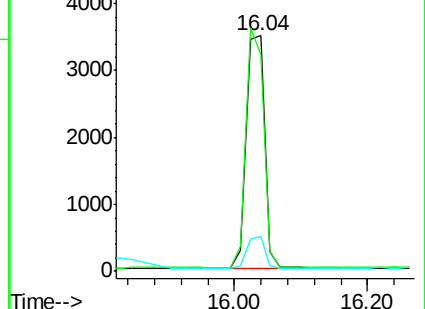
167 13.3 42.4 63.6#



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# 1179

Delta R.T. 0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

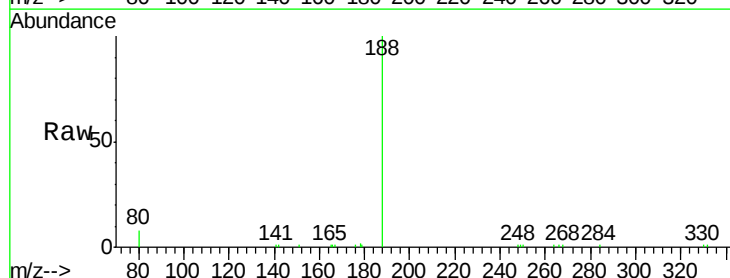
Tgt Ion:188 Resp: 6499

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

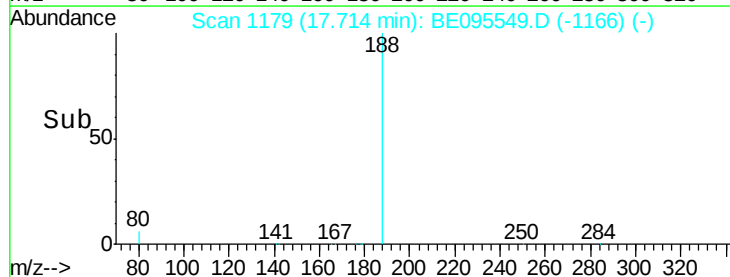
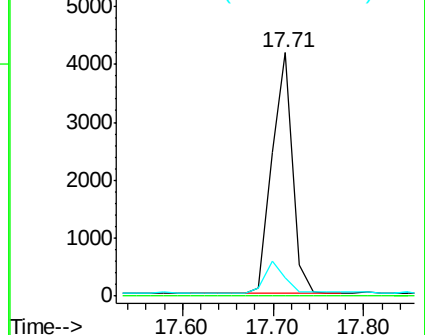
80 7.5 3.6 5.4#

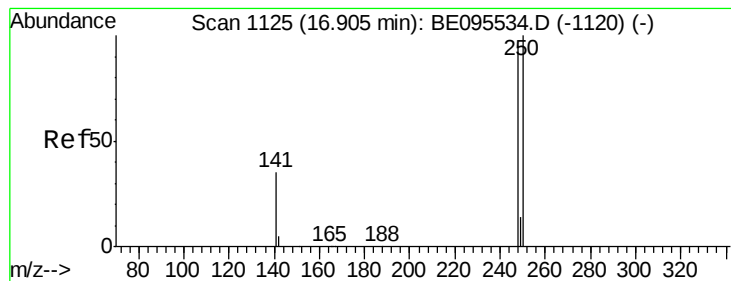


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

4-Bromophenyl-phenylether

Concen: 0.054 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampled :

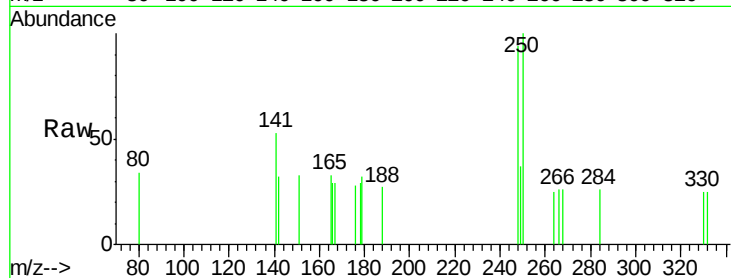
Tot Ion:248 Resp: 211

Ion Ratio Lower Upper

248 100

250 106.1 62.7 94.1#

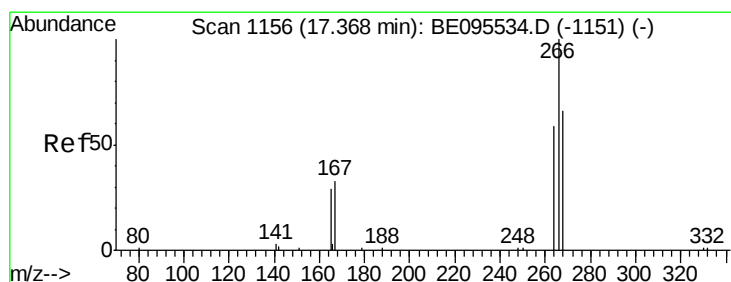
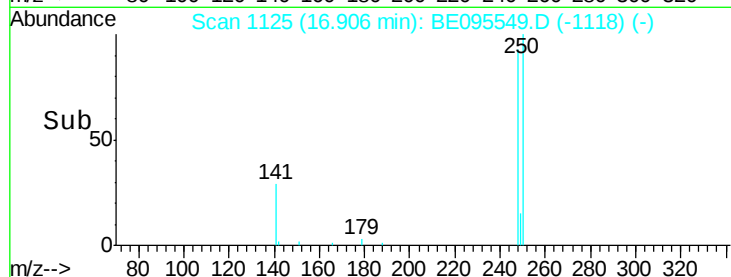
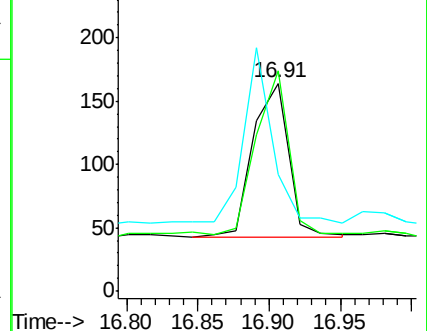
141 56.1 48.2 72.2



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



#22

Pentachlorophenol

Concen: 0.170 ng

RT: 17.35 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

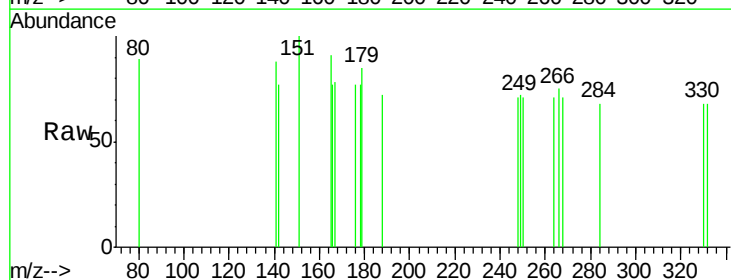
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 93.9 72.5 108.7

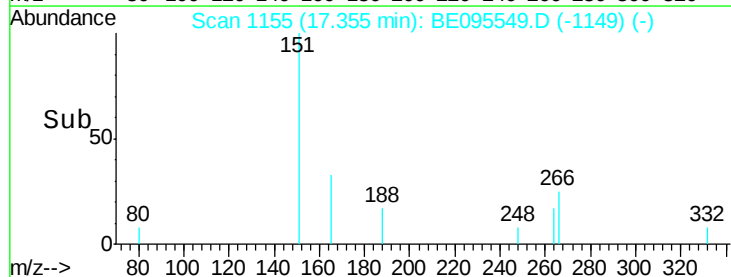
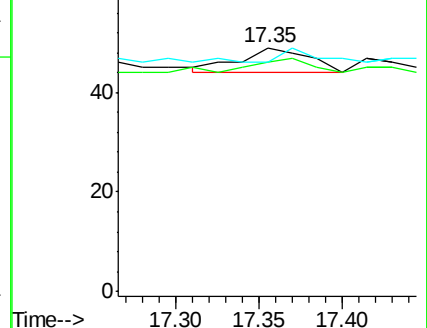
268 93.9 73.8 110.6

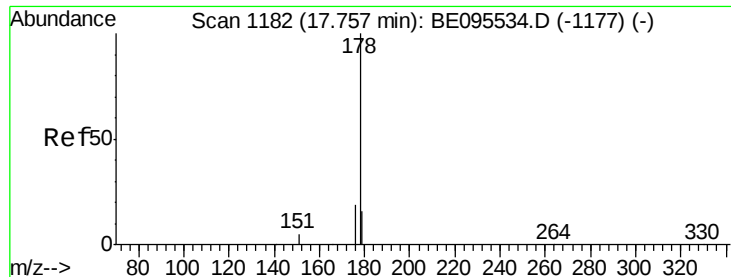


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.649 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampleId :

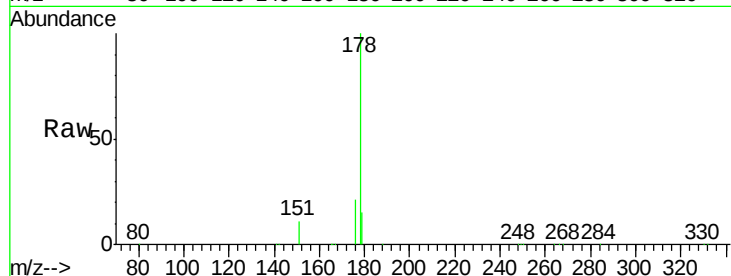
Tot Ion:178 Resp: 32915

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

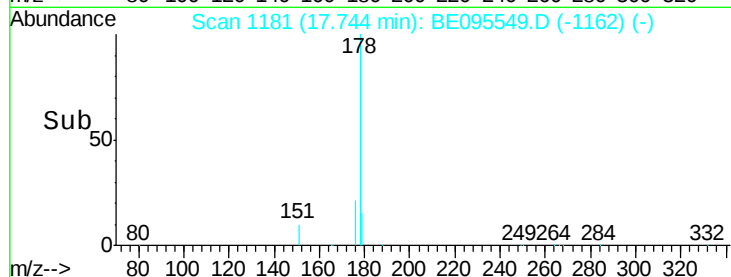
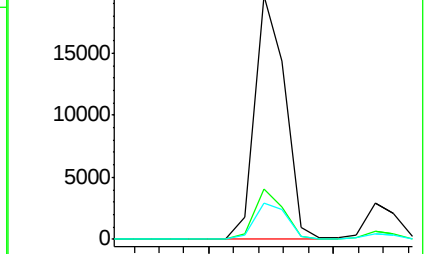
179 15.3 11.8 17.6



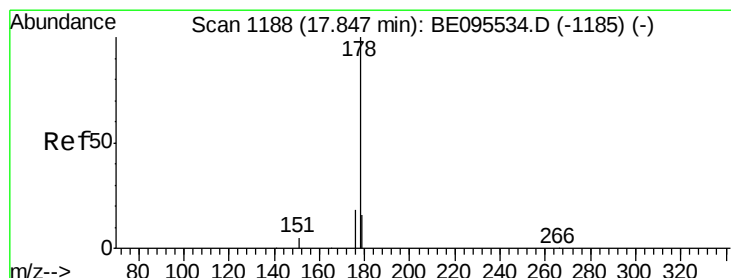
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.257 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

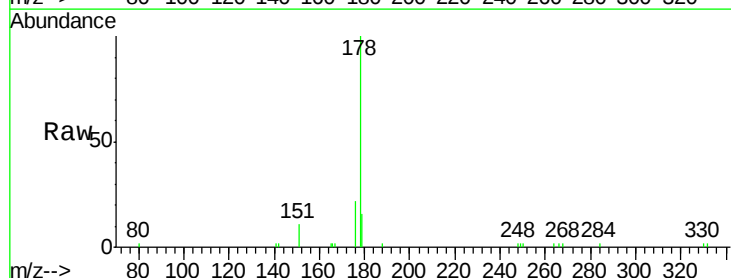
Tgt Ion:178 Resp: 4790

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

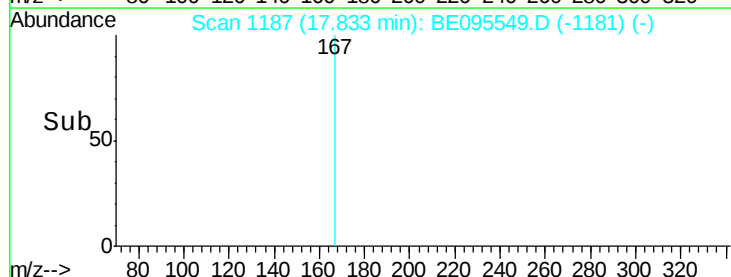
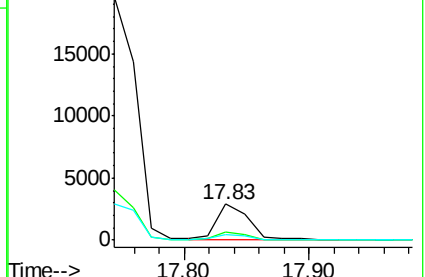
179 15.0 13.0 19.6



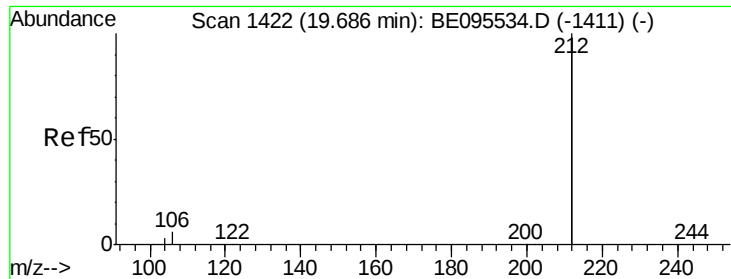
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



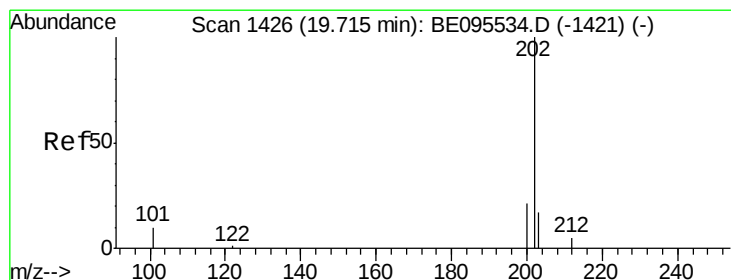
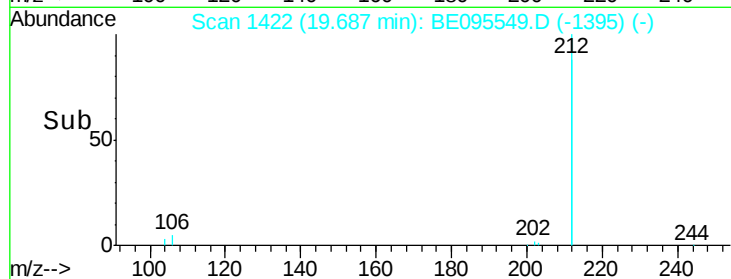
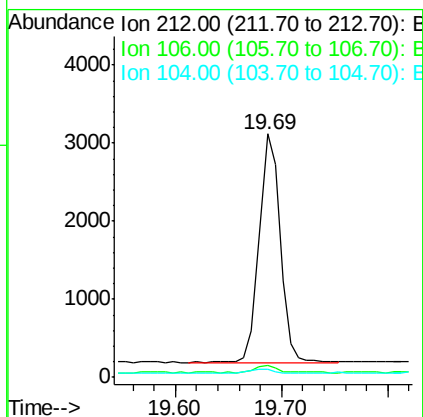
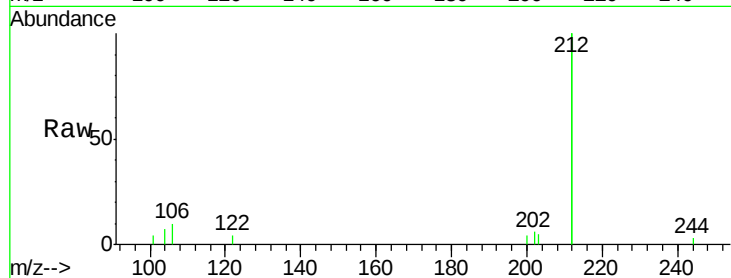
Time-->



#25
Fluoranthene-d10
Concen: 0.046 ng
RT: 19.69 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE095549.D
Acq: 7 Feb 2018 12:03

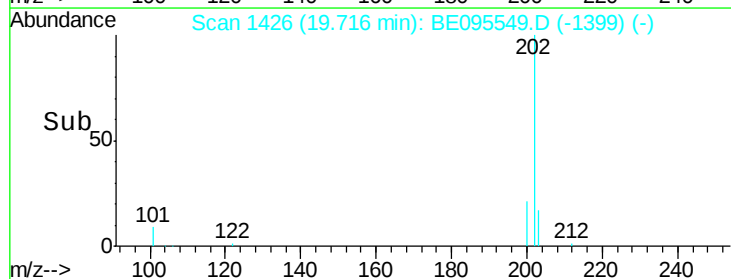
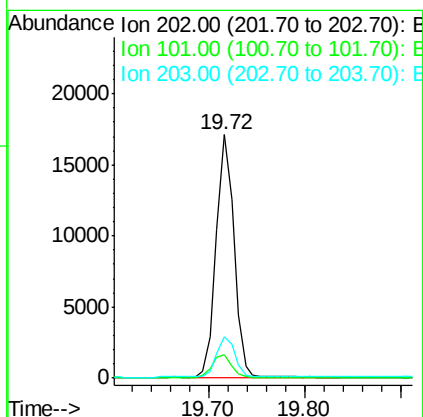
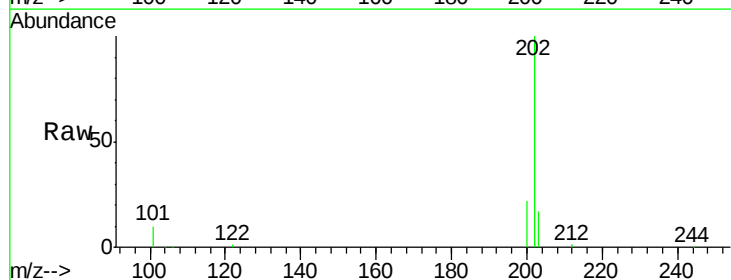
Instrument :
BNA_E
ClientSampleId :

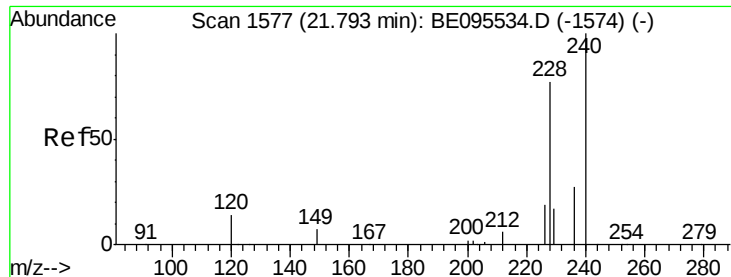
Tot Ion:212 Resp: 3974
Ion Ratio Lower Upper
212 100
106 3.4 2.8 4.2
104 2.0 1.6 2.4



#26
Fluoranthene
Concen: 0.858 ng
RT: 19.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE095549.D
Acq: 7 Feb 2018 12:03

Tgt Ion:202 Resp: 21609
Ion Ratio Lower Upper
202 100
101 9.8 9.8 14.8#
203 17.0 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampled :

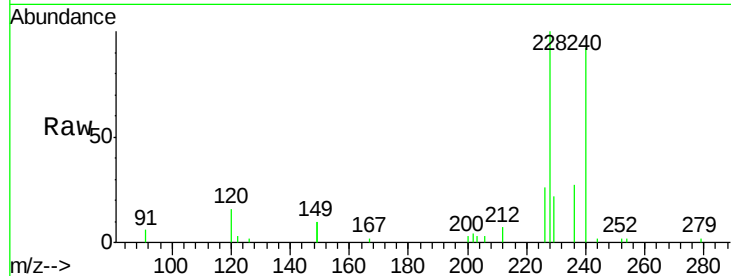
Tot Ion:240 Resp: 6814

Ion Ratio Lower Upper

240 100

120 16.9 5.5 8.3#

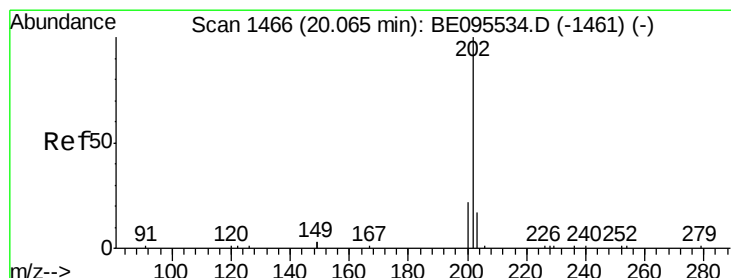
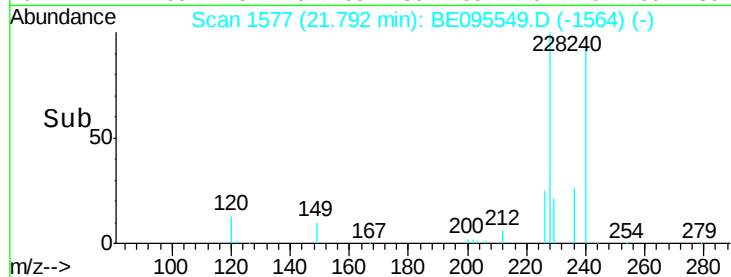
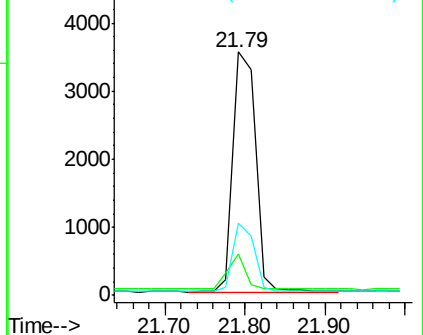
236 29.6 20.7 31.1



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: 0.830 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

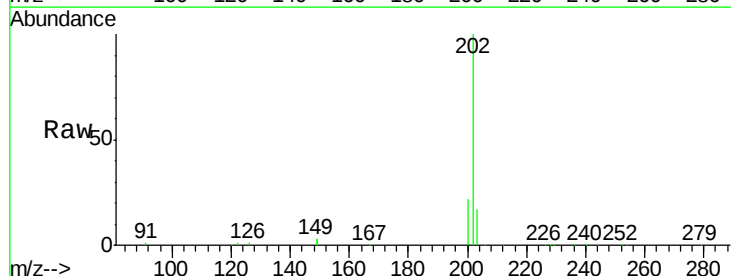
Tgt Ion:202 Resp: 23735

Ion Ratio Lower Upper

202 100

200 17.7 16.6 25.0

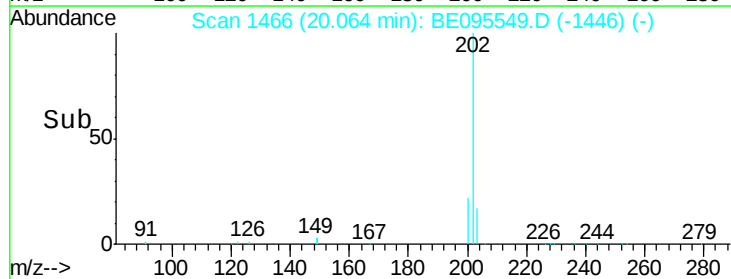
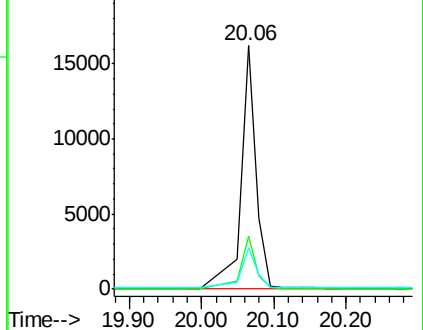
203 18.7 13.8 20.8

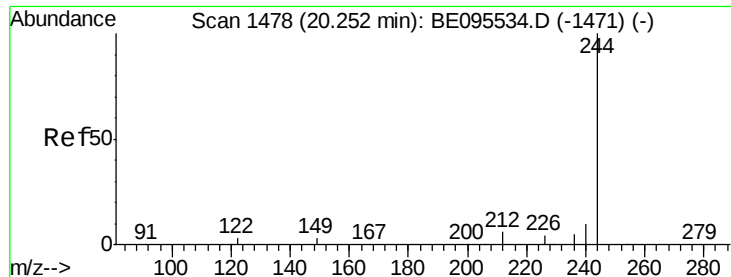


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.064 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampled :

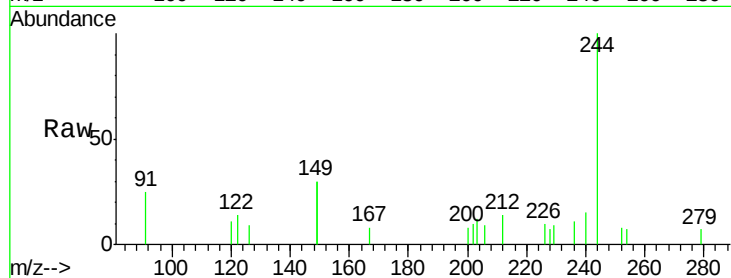
Tot Ion:244 Resp: 928

Ion Ratio Lower Upper

244 100

212 13.6 25.4 38.0#

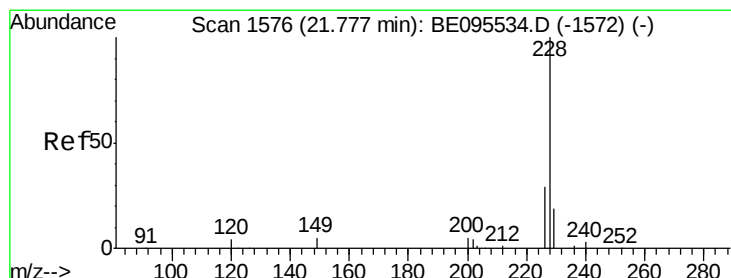
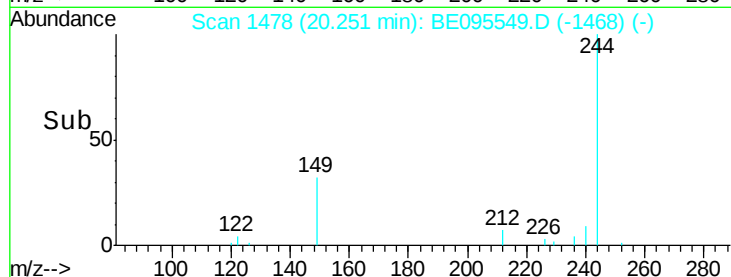
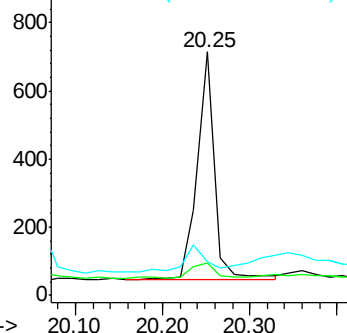
122 13.9 8.1 12.1#



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



#30

Benzo(a)anthracene

Concen: 0.540 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

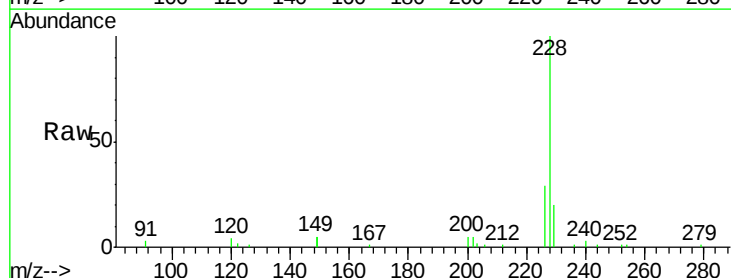
Tgt Ion:228 Resp: 12259

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

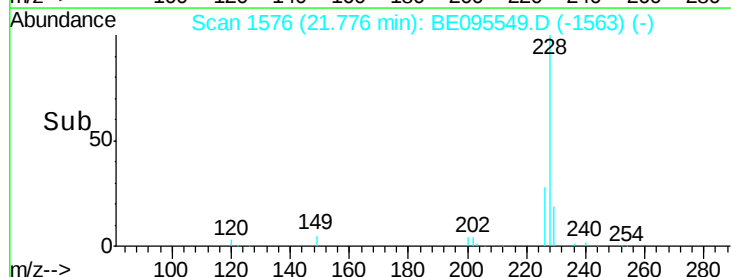
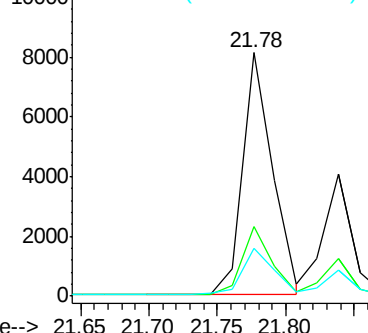
229 19.6 16.0 24.0

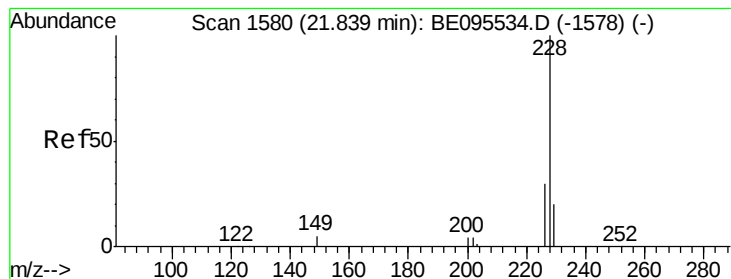


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.252 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampleId :

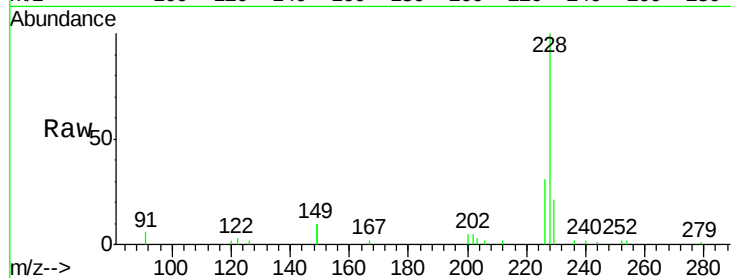
Tot Ion:228 Resp: 5643

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

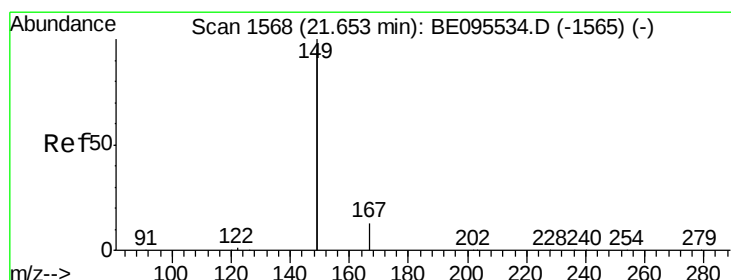
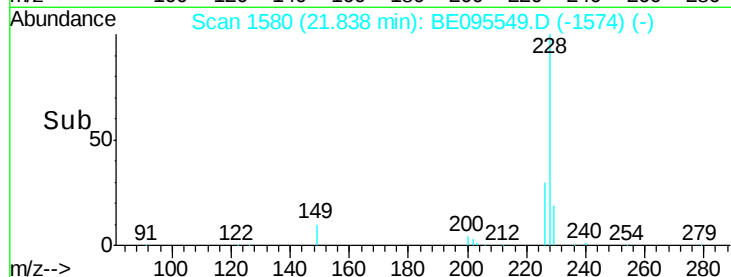
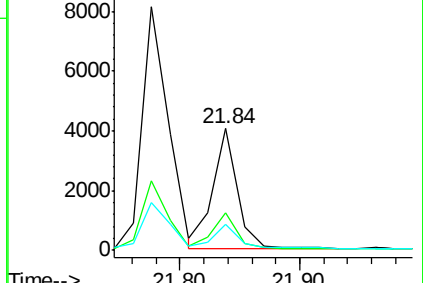
229 20.9 16.0 24.0



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: 0.084 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

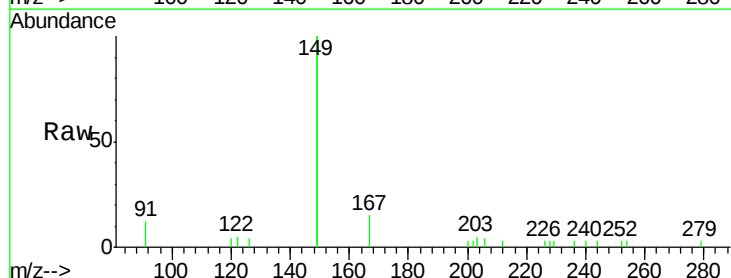
Tgt Ion:149 Resp: 4392

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

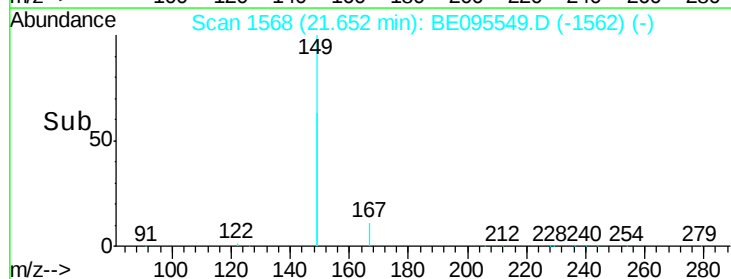
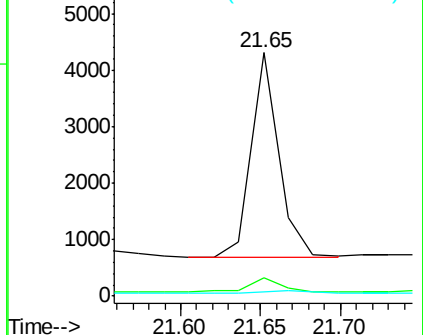
279 1.4 0.7 1.1#

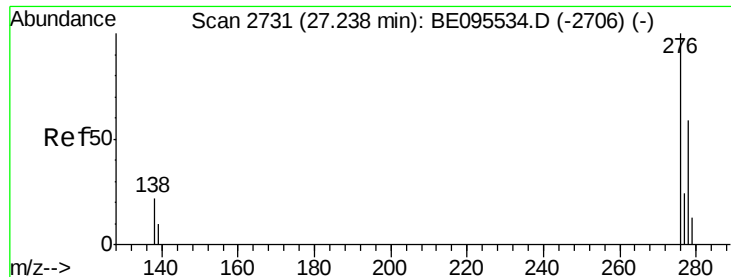


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

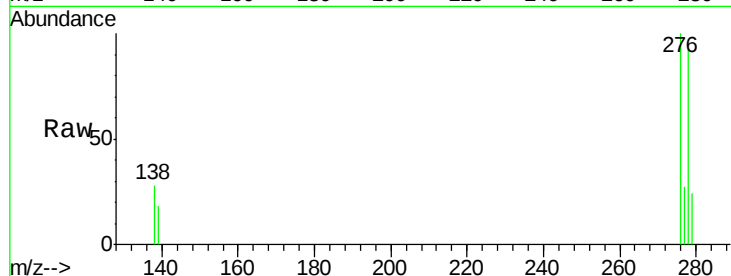




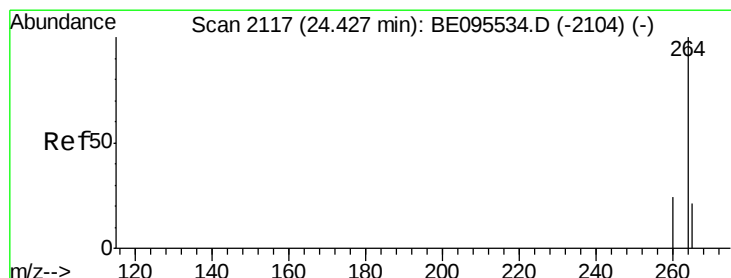
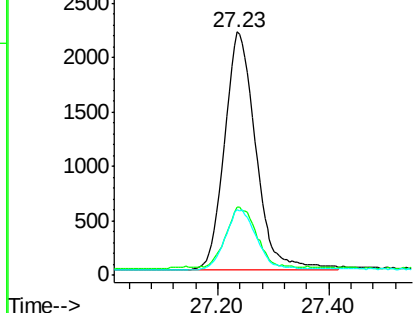
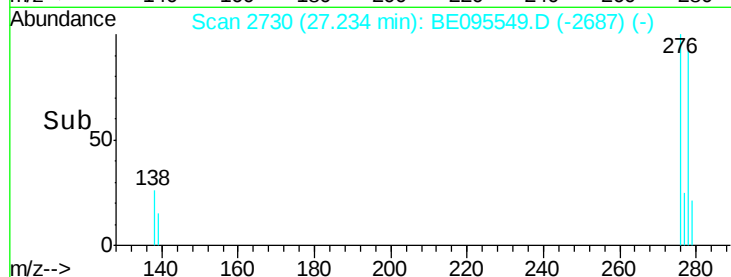
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.392 ng
 RT: 27.23 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BE095549.D
 Acq: 7 Feb 2018 12:03

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 8470
 Ion Ratio Lower Upper
 276 100
 138 25.0 22.5 33.7
 277 25.5 19.9 29.9

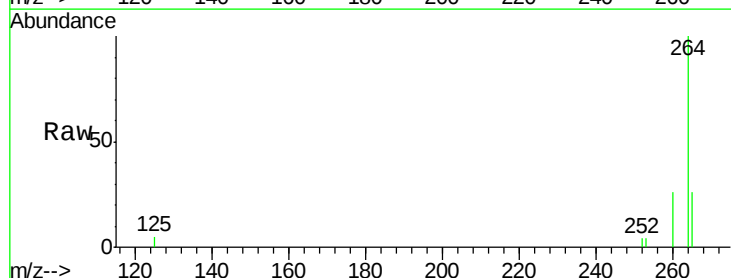


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

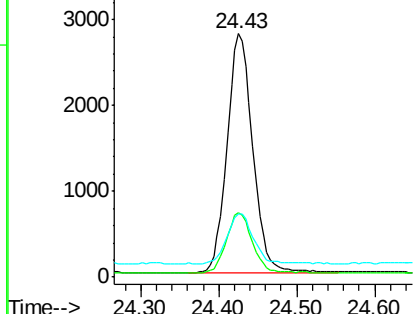
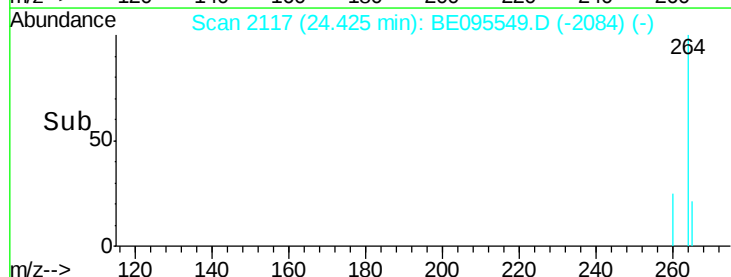


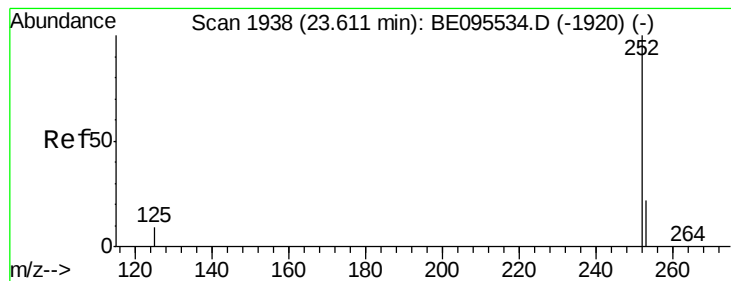
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BE095549.D
 Acq: 7 Feb 2018 12:03

Tgt Ion:264 Resp: 6405
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.5 30.7
 265 25.9 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: 0.432 ng

RT: 23.61 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampleId :

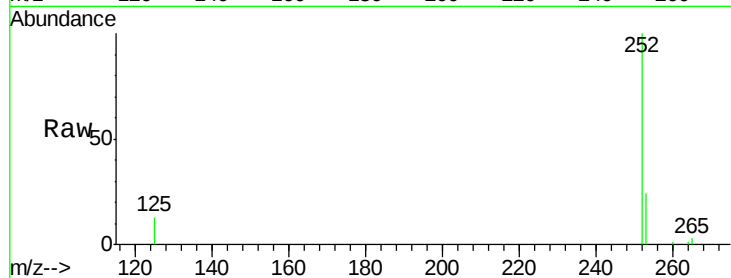
Tot Ion:252 Resp: 9435

Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

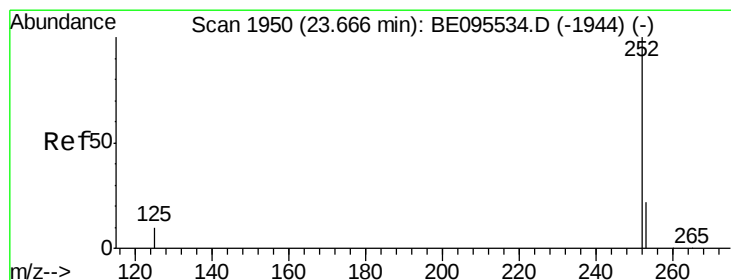
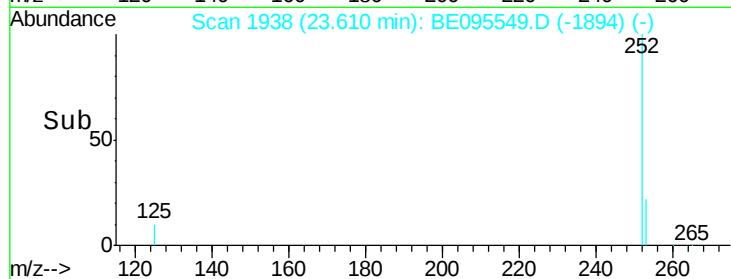
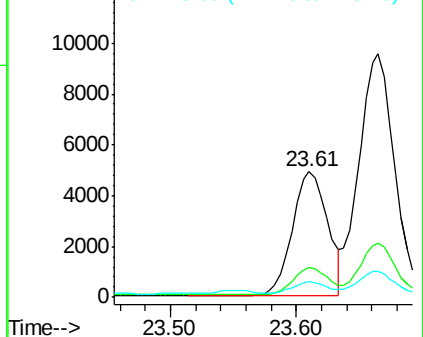
125 12.6 16.0 24.0#



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: 0.835 ng

RT: 23.66 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

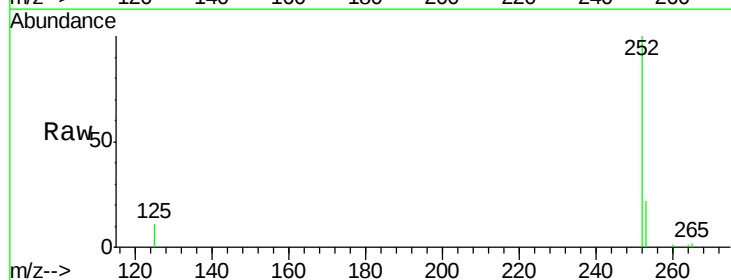
Tgt Ion:252 Resp: 18740

Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

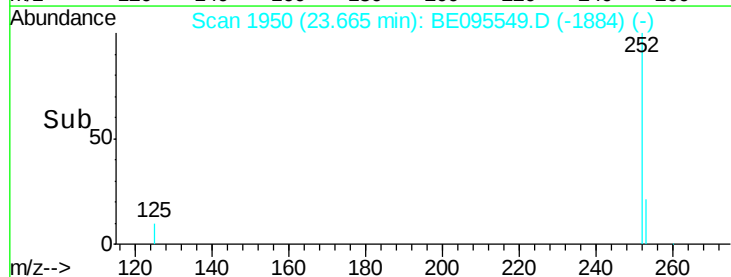
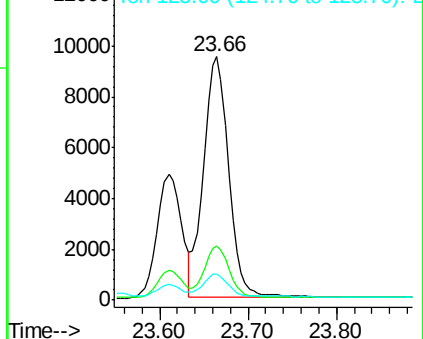
125 10.9 8.0 12.0

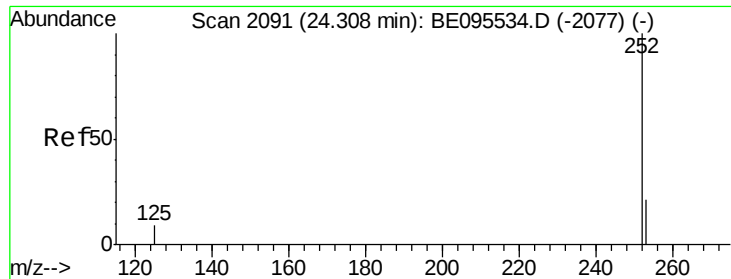


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

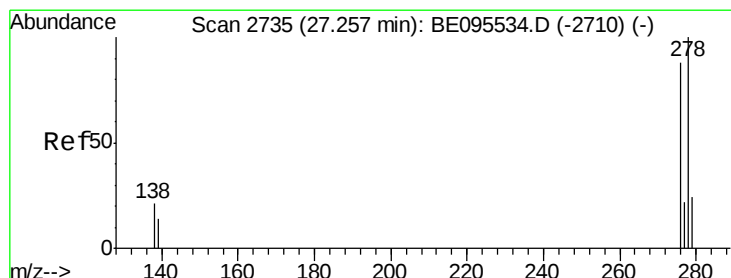
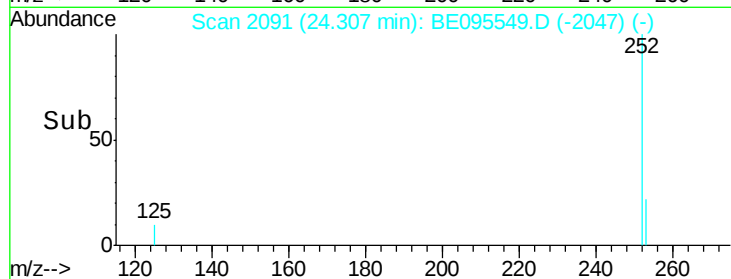
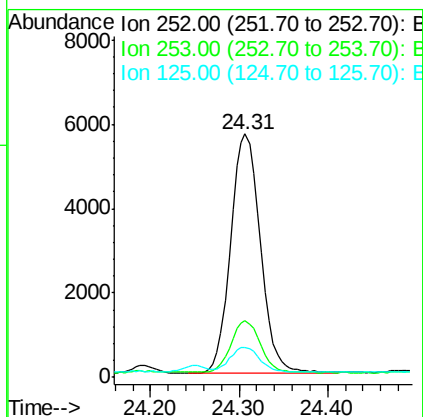
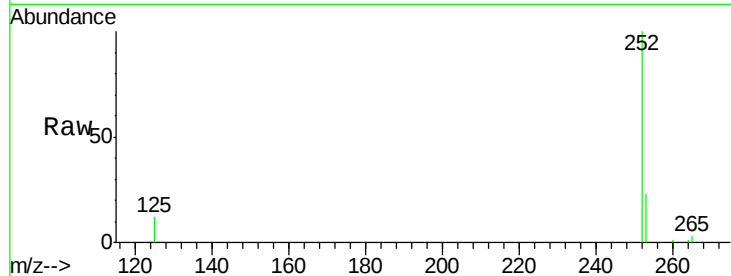




#37
Benzo(a)pyrene
Concen: 0.655 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095549.D
Acq: 7 Feb 2018 12:03

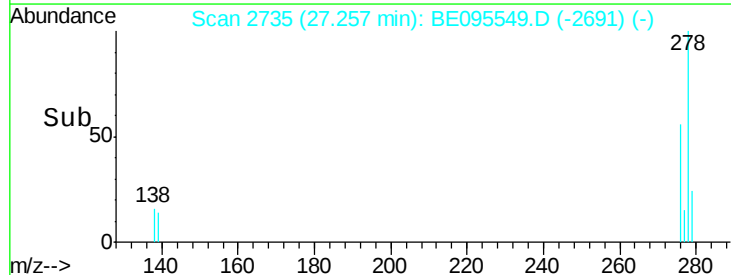
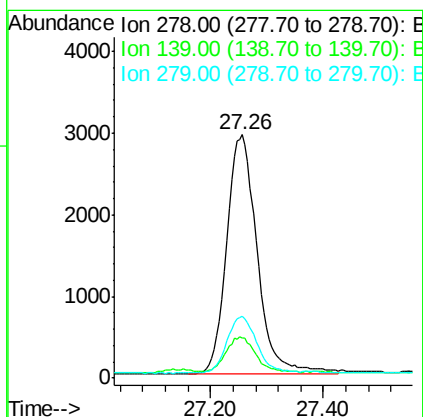
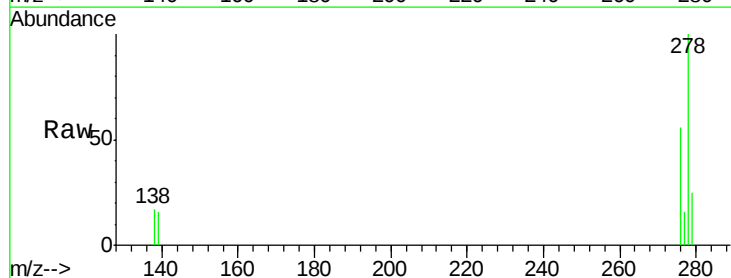
Instrument :
BNA_E
ClientSampleId :

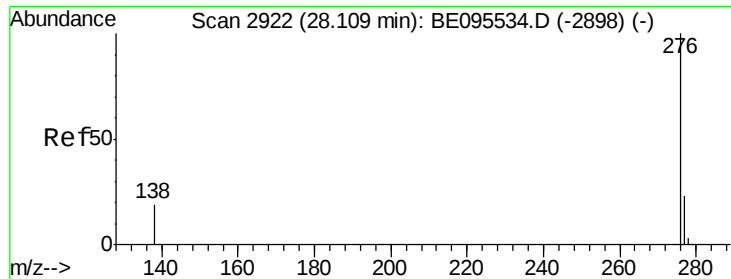
Tot Ion:252 Resp: 13322
Ion Ratio Lower Upper
252 100
253 23.3 16.0 24.0
125 12.3 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.607 ng
RT: 27.26 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BE095549.D
Acq: 7 Feb 2018 12:03

Tgt Ion:278 Resp: 10803
Ion Ratio Lower Upper
278 100
139 16.3 16.0 24.0
279 25.4 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.491 ng

RT: 28.10 min Scan# 2921

Delta R.T. -0.00 min

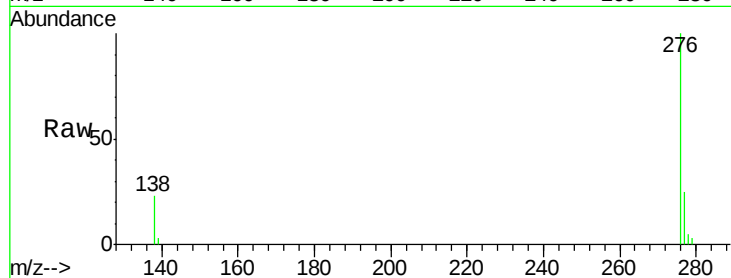
Lab File: BE095549.D

Acq: 7 Feb 2018 12:03

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 9379

Ion Ratio Lower Upper

276 100

277 25.2 16.0 24.0#

138 23.2 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

