

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095558.D
 Acq On : 7 Feb 2018 18:16
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 08 01:17:02 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	8.44	152	1208	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4529	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2623	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6163	0.40	ng	0.00
27) Chrysene-d12	21.81	240	6340	0.40	ng	0.01
34) Perylene-d12	24.43	264	5579	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1421	0.39	ng	0.00
5) Phenol-d6	7.56	99	1871	0.37	ng	0.00
8) Nitrobenzene-d5	9.61	82	1840	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3086	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	392	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4720	0.42	ng	0.00
25) Fluoranthene-d10	19.69	212	32227	0.40	ng	0.00
29) Terphenyl-d14	20.25	244	5294	0.39	ng	0.00

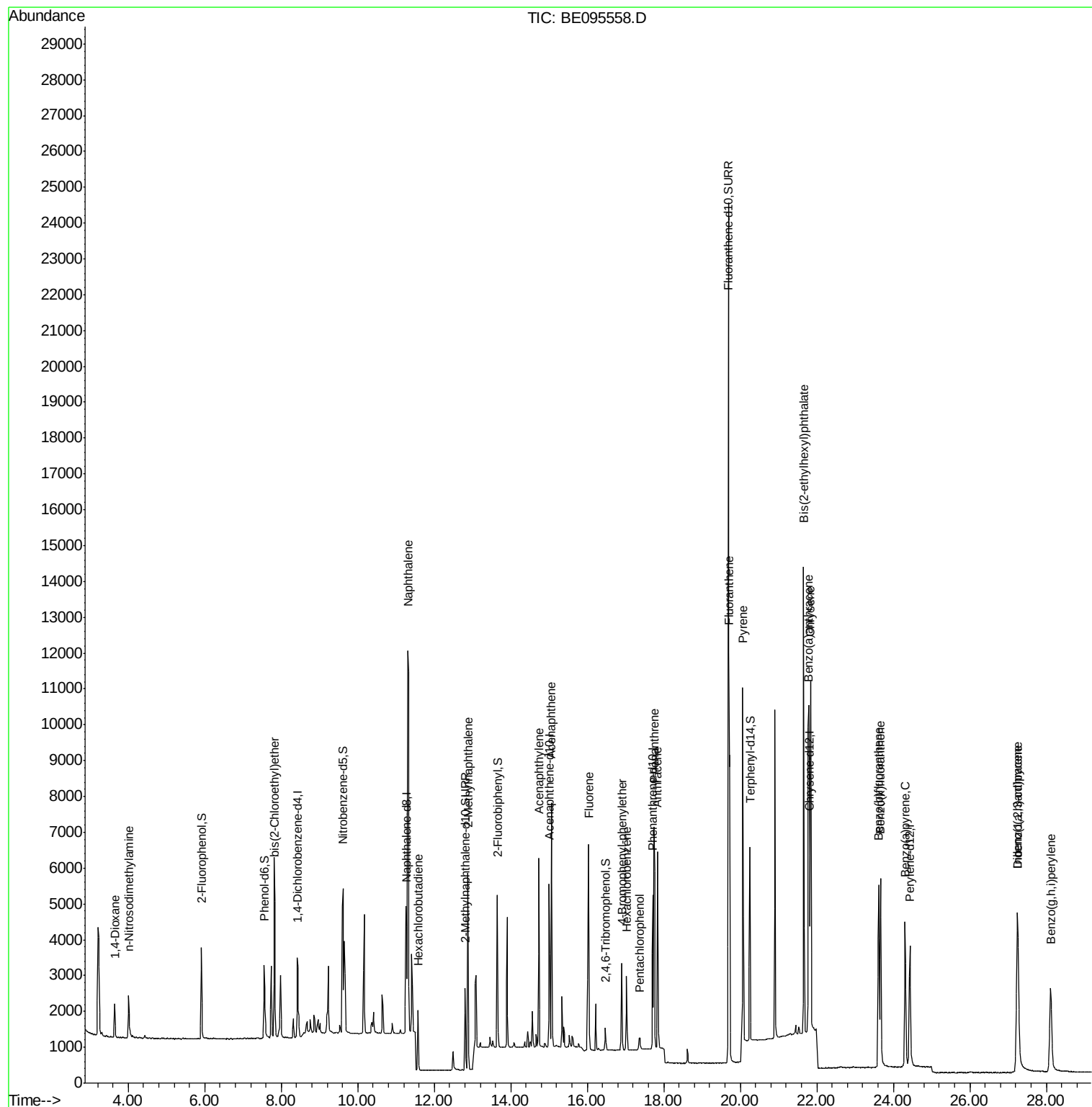
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	826	0.413	ng	# 92
3) n-Nitrosodimethylamine	4.01	42	960	0.382	ng	# 85
6) bis(2-Chloroethyl)ether	7.83	93	1847	0.398	ng	92
9) Naphthalene	11.31	128	21637	0.411	ng	99
10) Hexachlorobutadiene	11.58	225	1085	0.384	ng	94
12) 2-Methylnaphthalene	12.88	142	3666	0.410	ng	97
16) Acenaphthylene	14.73	152	5875	0.393	ng	99
17) Acenaphthene	15.06	154	3698	0.398	ng	95
18) Fluorene	16.04	166	4684	0.401	ng	# 78
20) 4-Bromophenyl-phenylether	16.91	248	1479	0.399	ng	# 64
21) Hexachlorobenzene	17.03	284	1582	0.414	ng	# 84
22) Pentachlorophenol	17.37	266	262	0.328	ng	87
23) Phenanthrene	17.74	178	7650	0.404	ng	98
24) Anthracene	17.83	178	7071	0.400	ng	95
26) Fluoranthene	19.72	202	9524	0.399	ng	97
28) Pyrene	20.06	202	11225	0.422	ng	99
30) Benzo(a)anthracene	21.78	228	8337	0.395	ng	99
31) Chrysene	21.84	228	8383	0.403	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	14693	0.302	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	7585	0.377	ng	# 93
35) Benzo(b)fluoranthene	23.62	252	7797	0.410	ng	# 90
36) Benzo(k)fluoranthene	23.67	252	8309	0.425	ng	95
37) Benzo(a)pyrene	24.31	252	7104	0.401	ng	94
38) Dibenzo(a,h)anthracene	27.26	278	5913	0.382	ng	97
39) Benzo(g,h,i)perylene	28.11	276	6613	0.397	ng	# 90

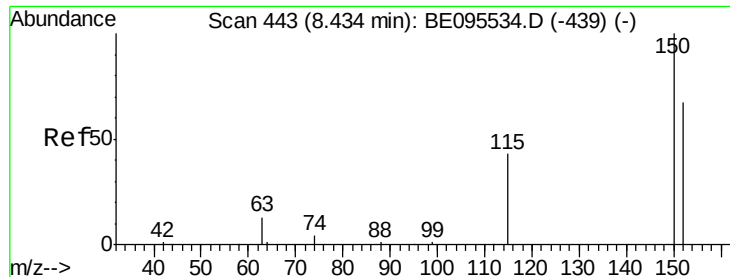
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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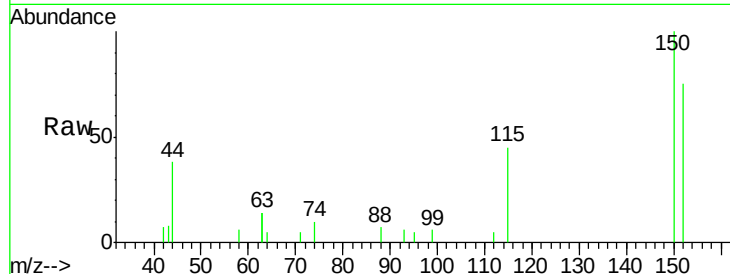


#1

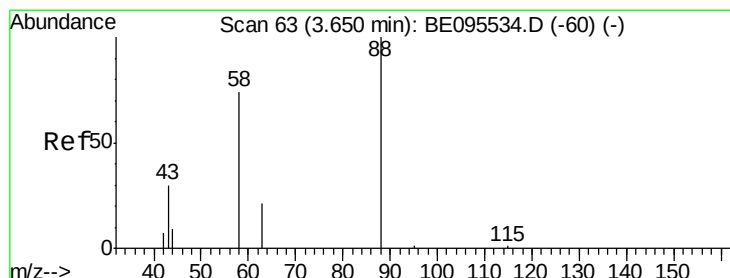
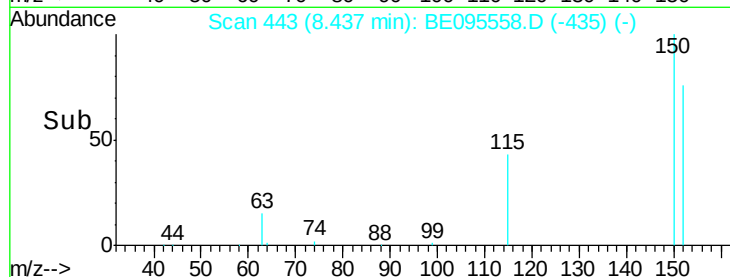
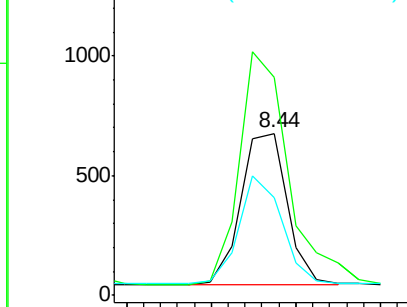
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.44 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095558.D
Acq: 7 Feb 2018 18:16

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1208
Ion Ratio Lower Upper
152 100
150 134.2 117.2 175.8
115 60.3 57.0 85.6



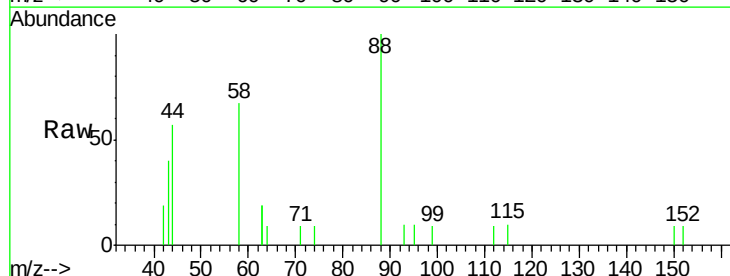
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



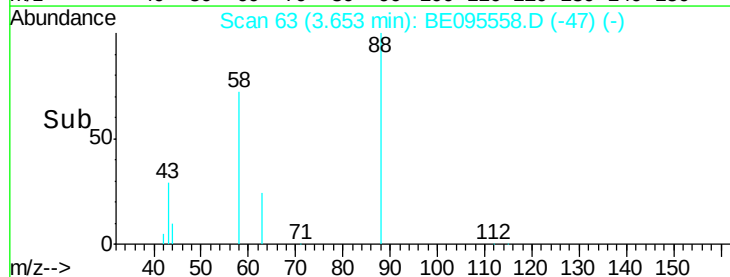
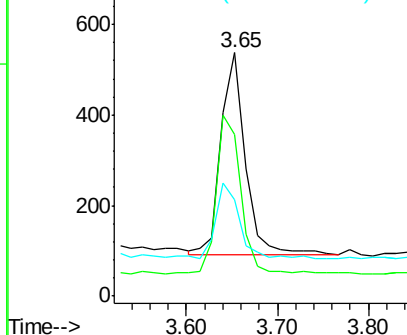
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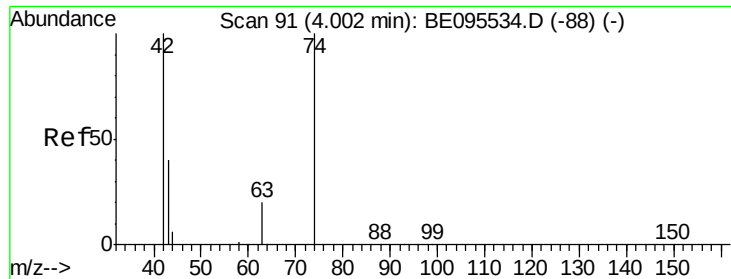
1,4-Dioxane
Concen: 0.413 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095558.D
Acq: 7 Feb 2018 18:16

Tgt Ion: 88 Resp: 826
Ion Ratio Lower Upper
88 100
58 78.9 63.2 94.8
43 37.7 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



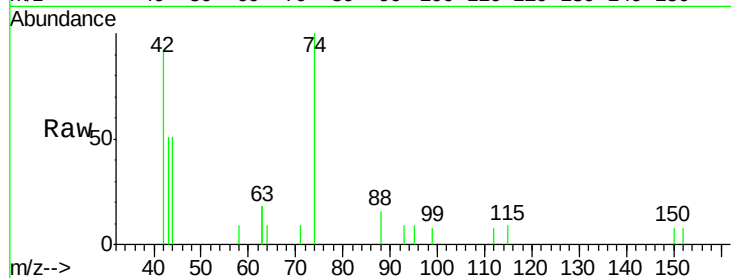


#3

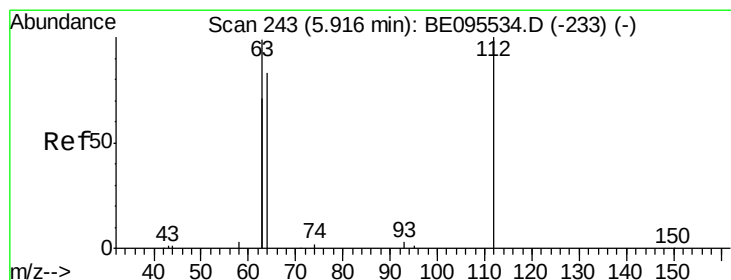
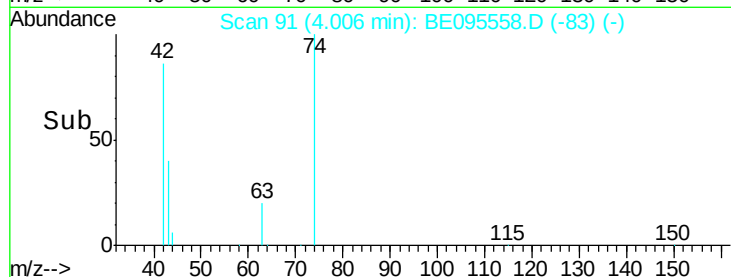
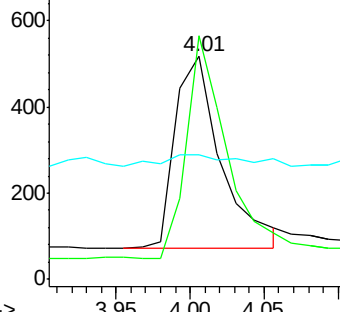
n-Nitrosodimethylamine
 Concen: 0.382 ng
 RT: 4.01 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BE095558.D
 Acq: 7 Feb 2018 18:16

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 960
 Ion Ratio Lower Upper
 42 100
 74 103.8 96.0 144.0
 44 8.3 12.0 18.0#



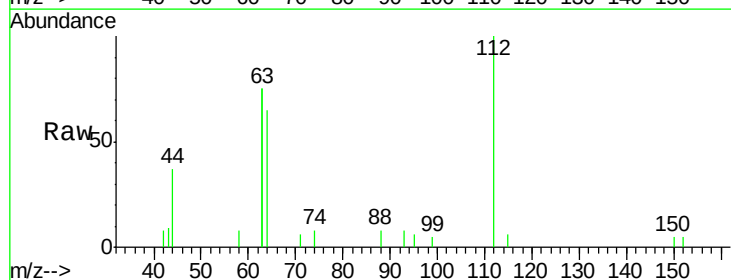
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



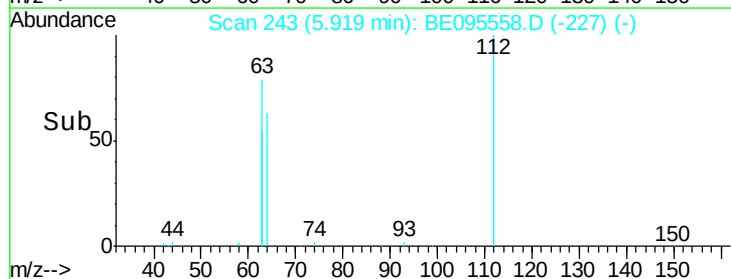
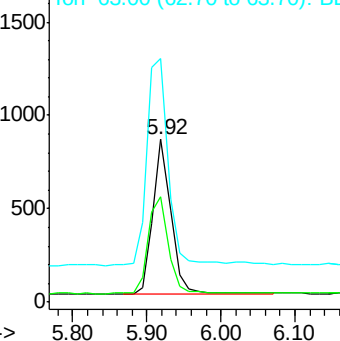
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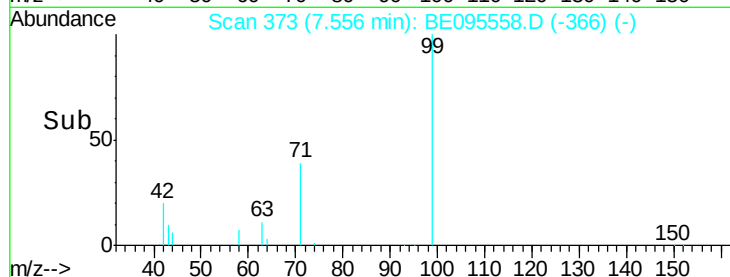
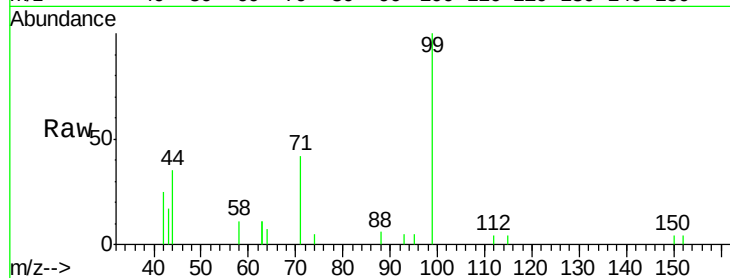
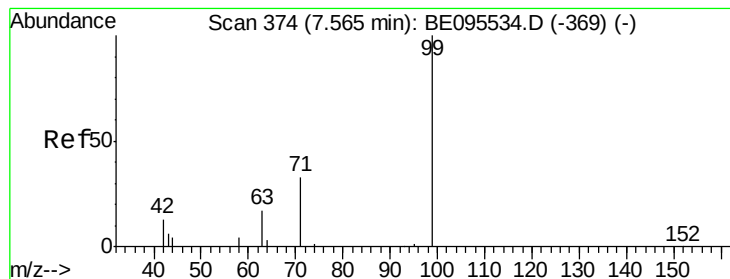
2-Fluorophenol
 Concen: 0.390 ng
 RT: 5.92 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: BE095558.D
 Acq: 7 Feb 2018 18:16

Tgt Ion: 112 Resp: 1421
 Ion Ratio Lower Upper
 112 100
 64 69.9 60.1 90.1
 63 157.2 116.8 175.2



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





#5

Phenol-d6

Concen: 0.371 ng

RT: 7.56 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

Instrument :

BNA_E

ClientSampled :

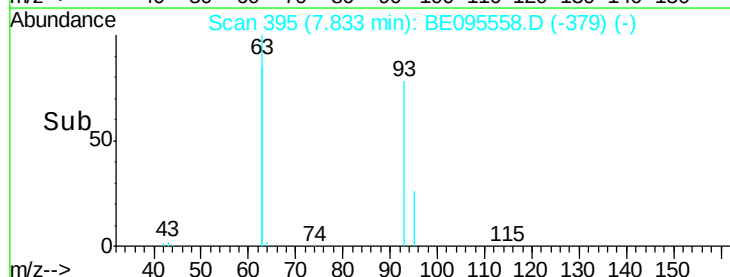
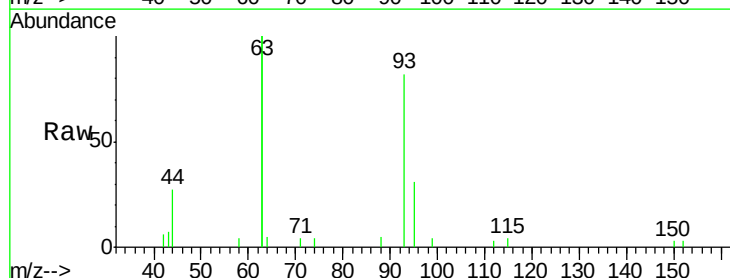
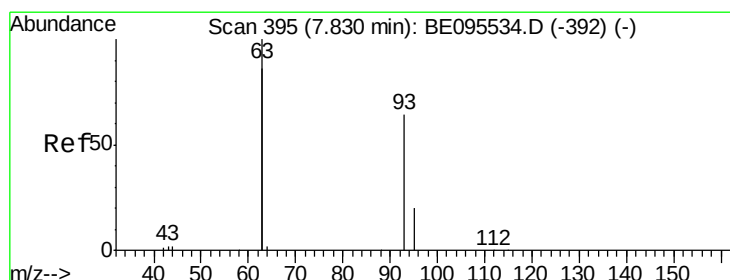
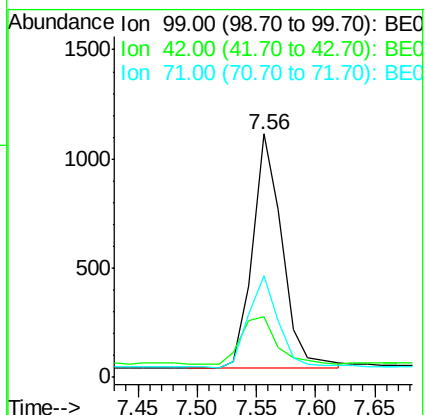
Tot Ion: 99 Resp: 1871

Ion Ratio Lower Upper

99 100

42 23.6 20.2 30.2

71 39.2 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 7.83 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

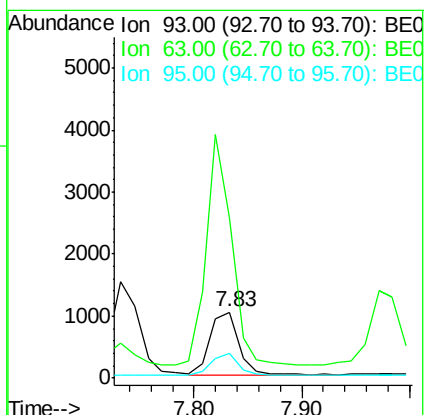
Tgt Ion: 93 Resp: 1847

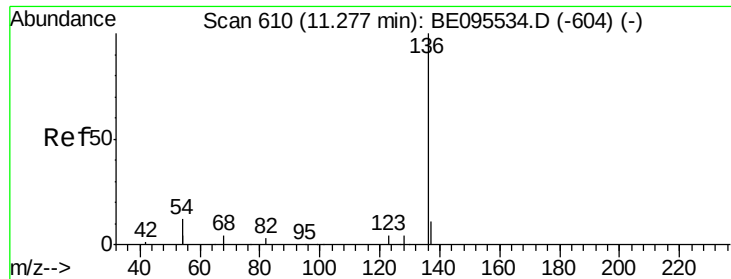
Ion Ratio Lower Upper

93 100

63 325.4 275.3 412.9

95 31.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. 0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4529

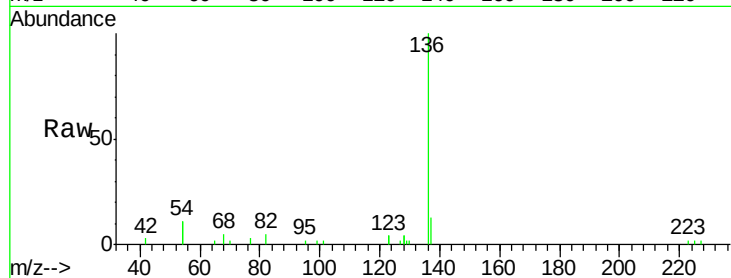
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 22.8 29.1 43.7#

68 5.0 6.2 9.2#

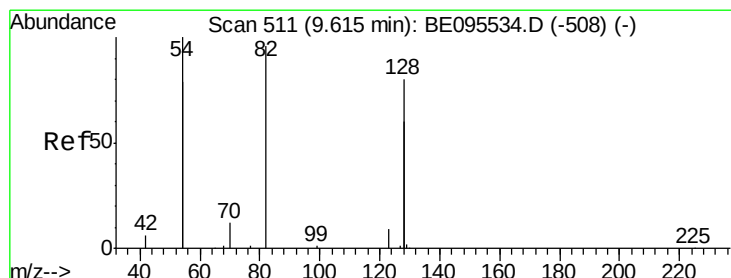
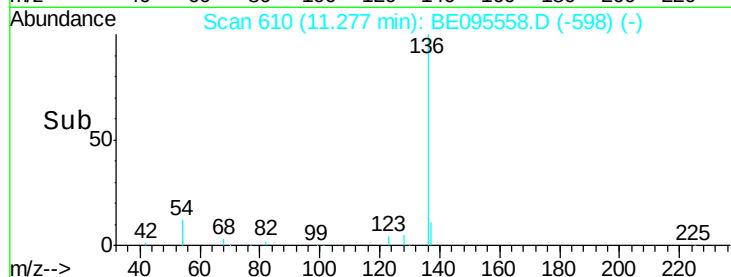
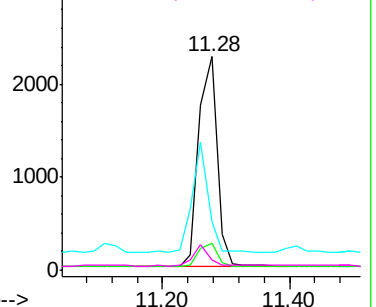


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.383 ng

RT: 9.61 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

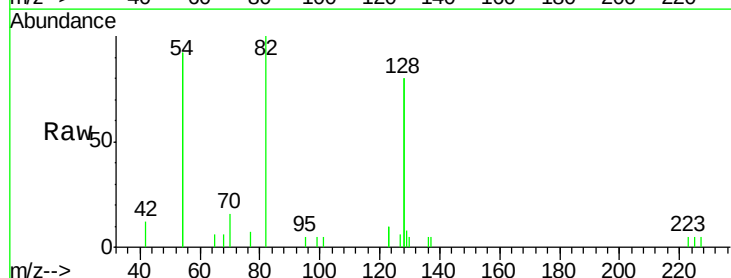
Tgt Ion: 82 Resp: 1840

Ion Ratio Lower Upper

82 100

128 160.4 150.0 225.0

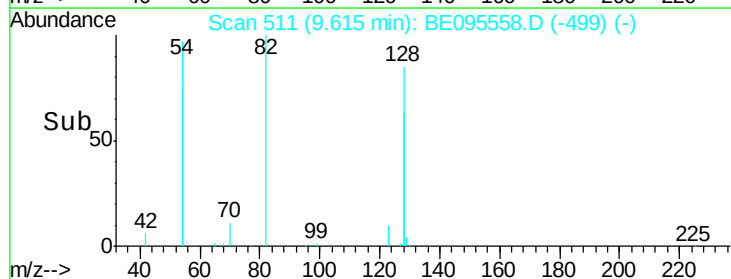
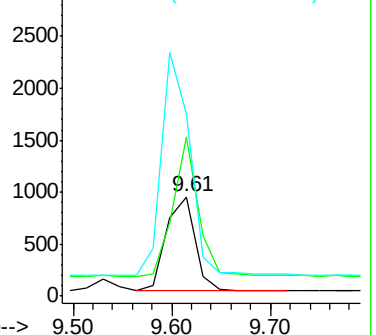
54 183.5 154.2 231.4

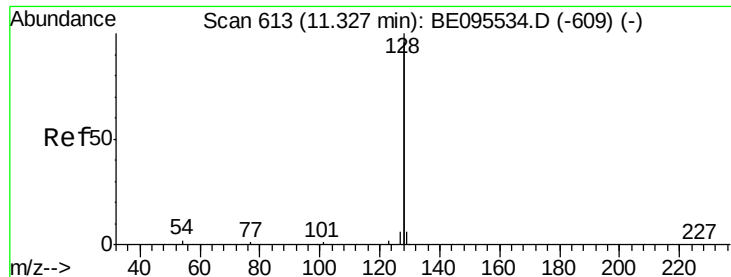


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.411 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

Instrument :

BNA_E

ClientSampled :

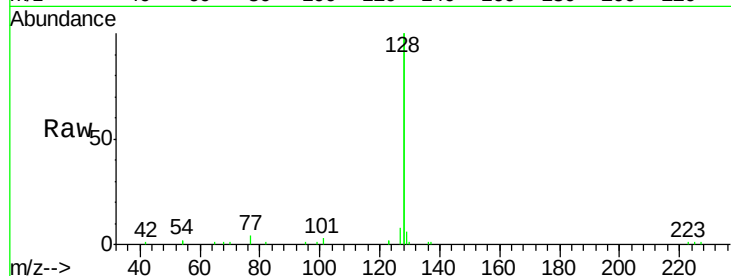
Tot Ion:128 Resp: 21637

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

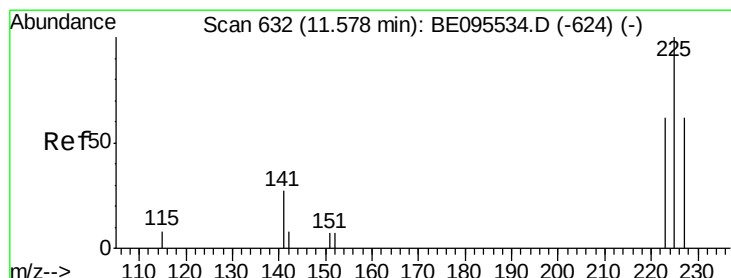
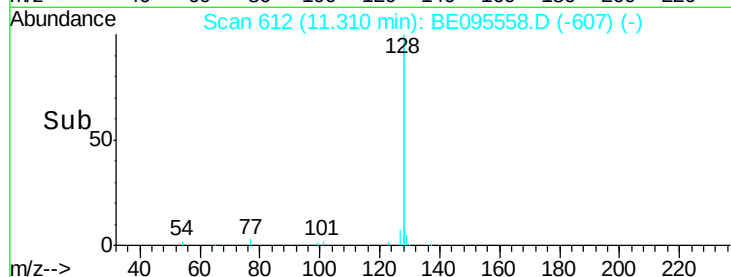
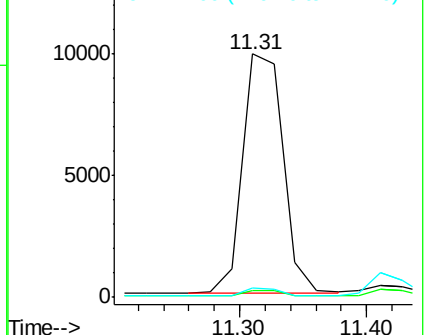
127 3.9 2.8 4.2



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: 0.384 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

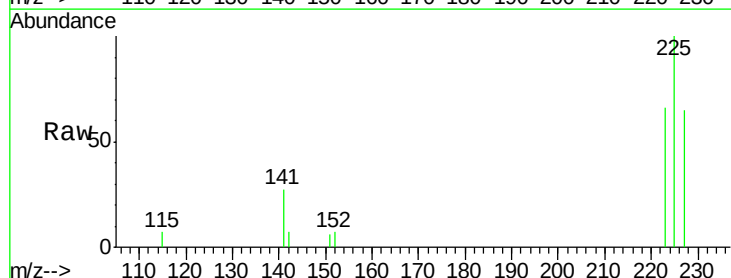
Tgt Ion:225 Resp: 1085

Ion Ratio Lower Upper

225 100

223 74.7 53.0 79.6

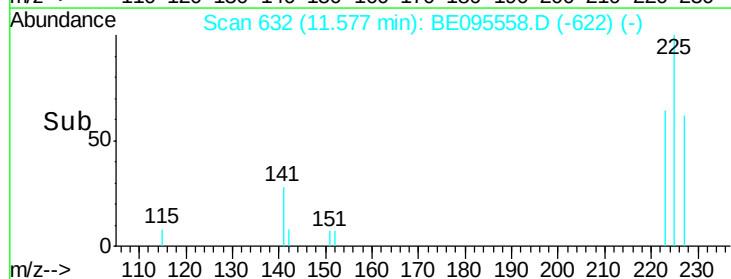
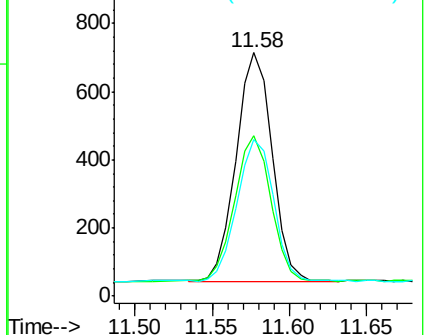
227 63.8 51.4 77.2

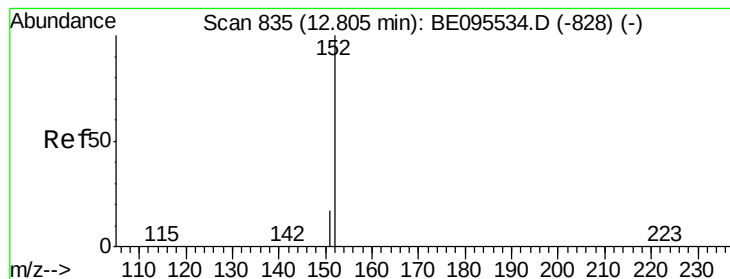


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

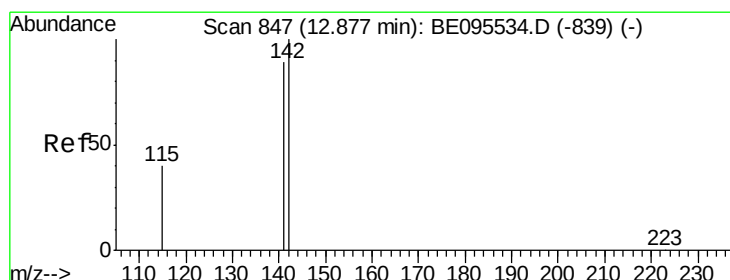
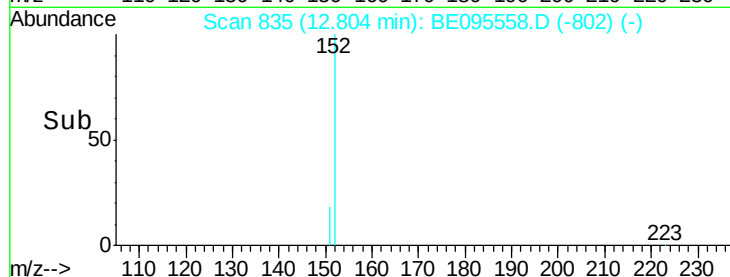
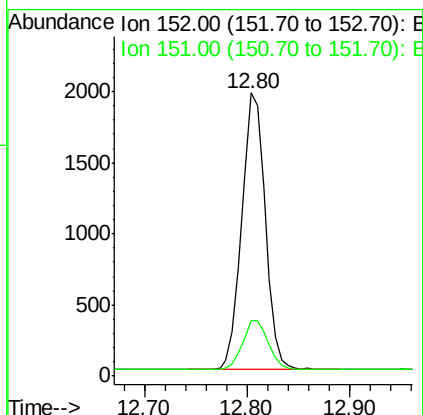
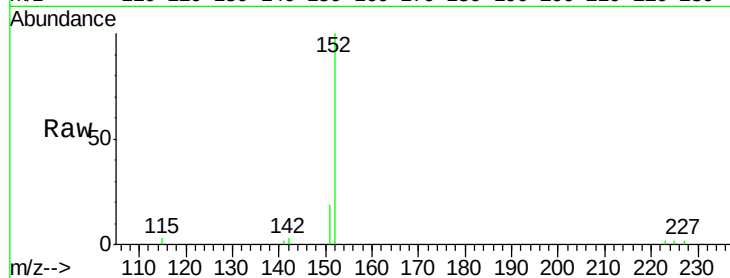




#11
 2-Methylnaphthalene-d10
 Concen: 0.411 ng
 RT: 12.80 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BE095558.D
 Acq: 7 Feb 2018 18:16

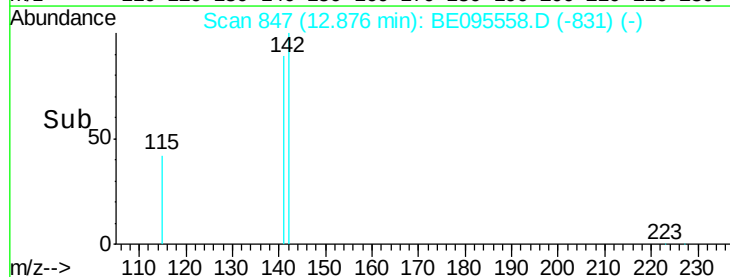
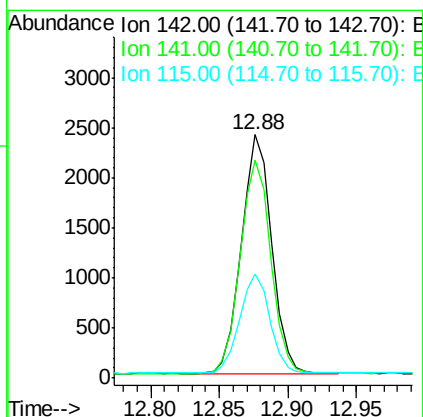
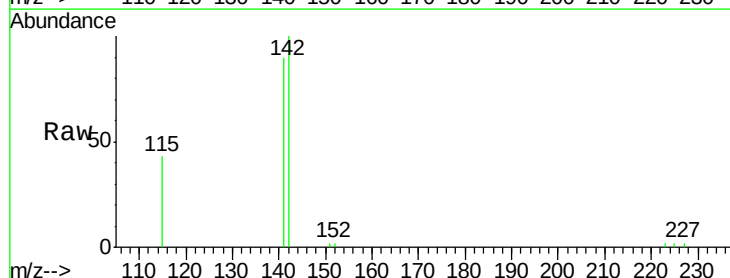
Instrument :
 BNA_E
 ClientSampleId :

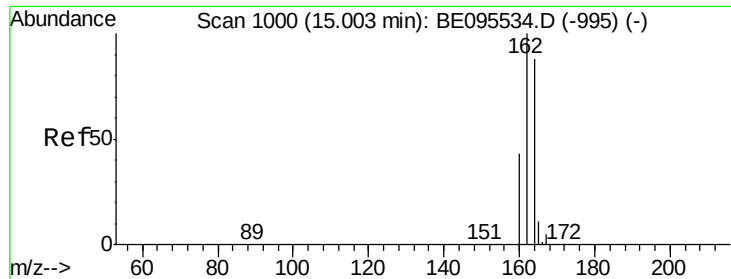
Tot Ion:152 Resp: 3086
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.410 ng
 RT: 12.88 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BE095558.D
 Acq: 7 Feb 2018 18:16

Tgt Ion:142 Resp: 3666
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.4 105.6
 115 42.7 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

Instrument :

BNA_E

ClientSampleId :

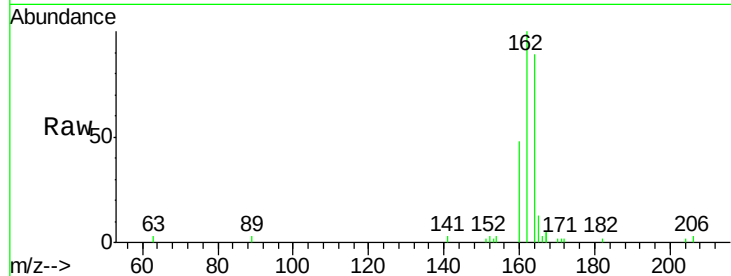
Tot Ion:164 Resp: 2623

Ion Ratio Lower Upper

164 100

162 112.1 83.1 124.7

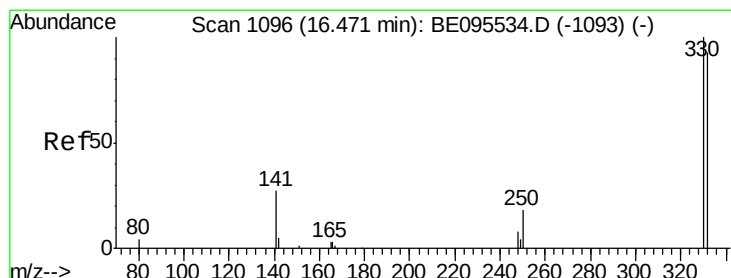
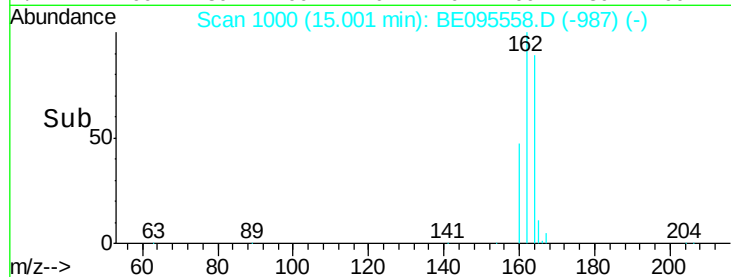
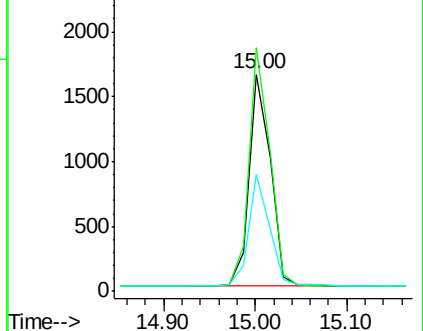
160 53.6 37.1 55.7



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: 0.328 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

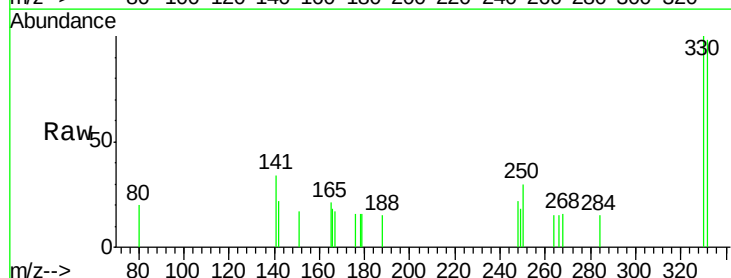
Tgt Ion:330 Resp: 392

Ion Ratio Lower Upper

330 100

332 96.7 152.7 229.1#

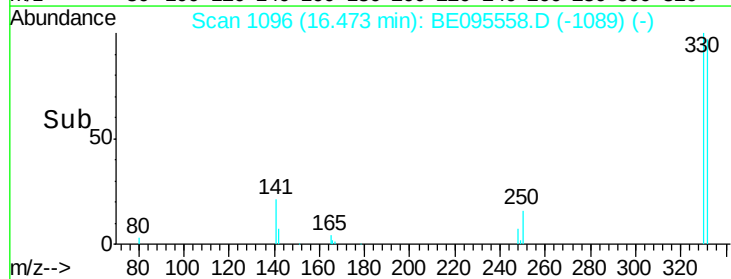
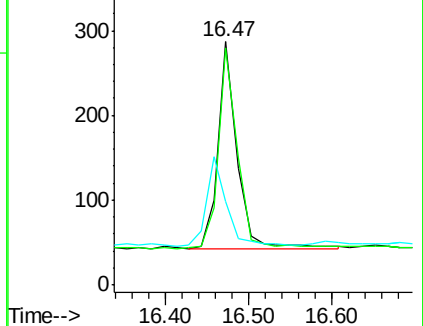
141 45.2 33.7 50.5

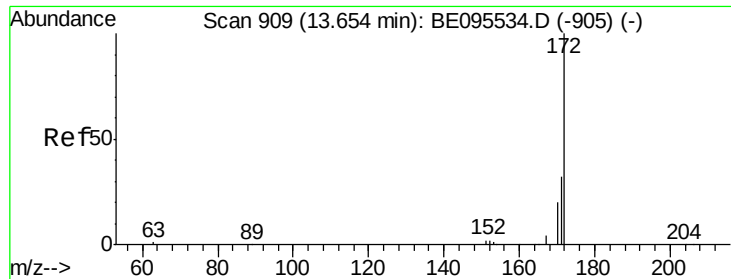


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

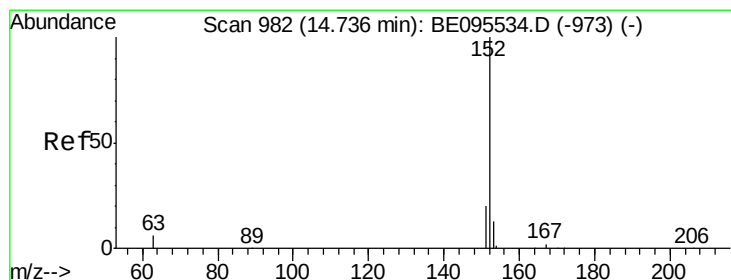
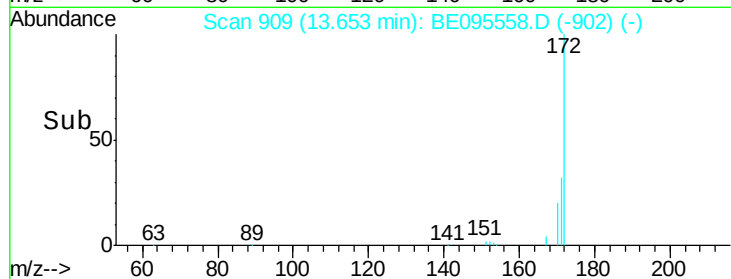
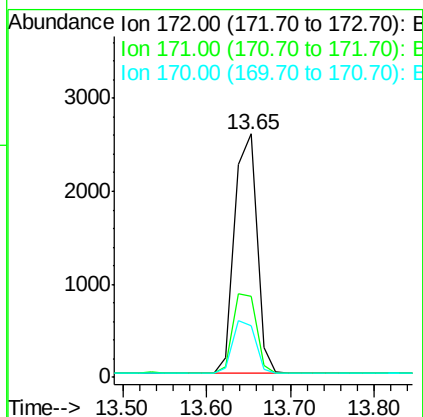
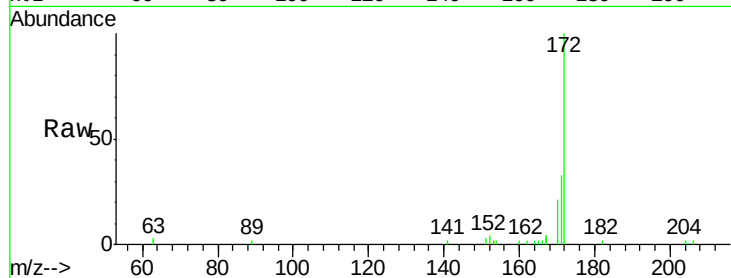




#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095558.D
Acq: 7 Feb 2018 18:16

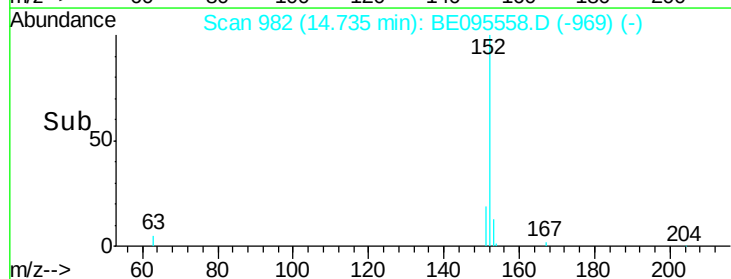
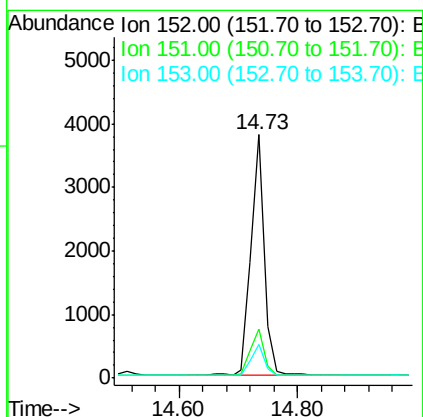
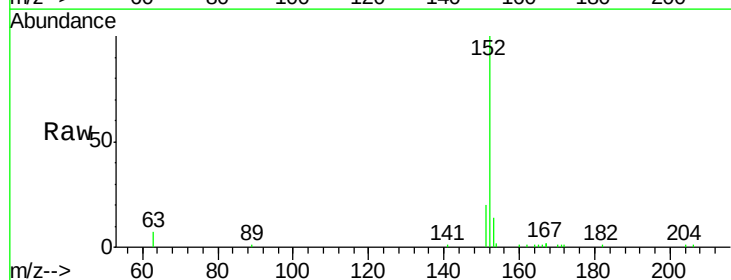
Instrument :
BNA_E
ClientSampleId :

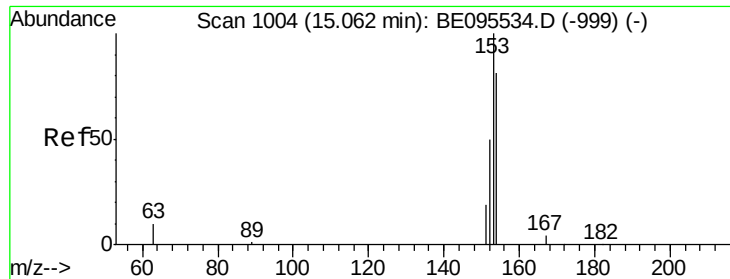
Tot Ion:172 Resp: 4720
Ion Ratio Lower Upper
172 100
171 33.4 29.9 44.9
170 21.0 21.8 32.8#



#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095558.D
Acq: 7 Feb 2018 18:16

Tgt Ion:152 Resp: 5875
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 12.7 10.5 15.7





#17

Acenaphthene

Concen: 0.398 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

Instrument :

BNA_E

ClientSampleId :

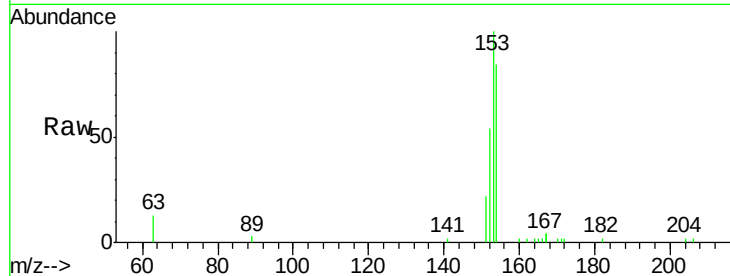
Tot Ion:154 Resp: 3698

Ion Ratio Lower Upper

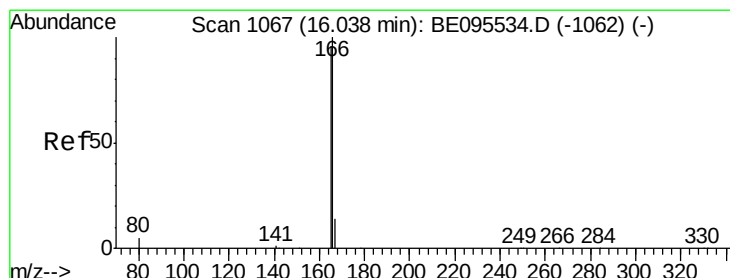
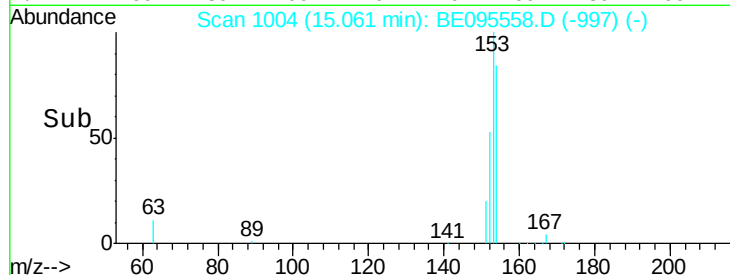
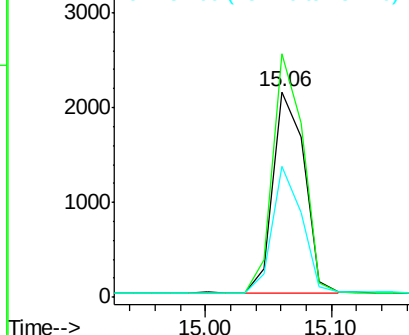
154 100

153 114.8 89.2 133.8

152 58.6 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: 0.401 ng

RT: 16.04 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

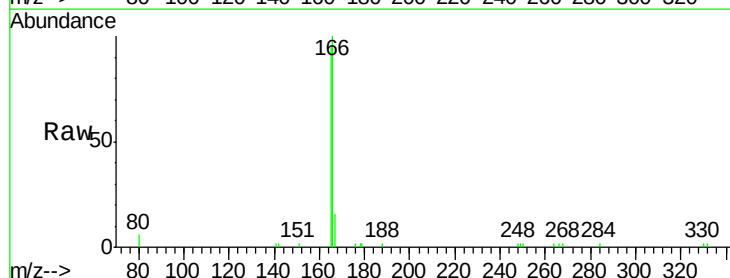
Tgt Ion:166 Resp: 4684

Ion Ratio Lower Upper

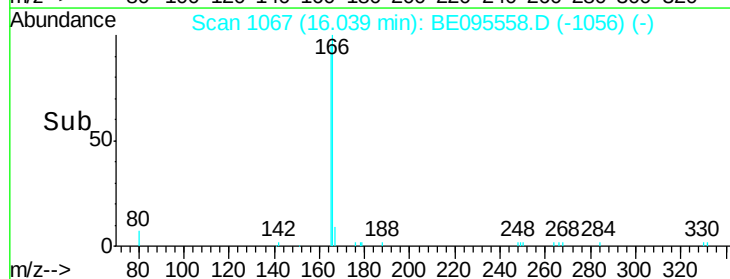
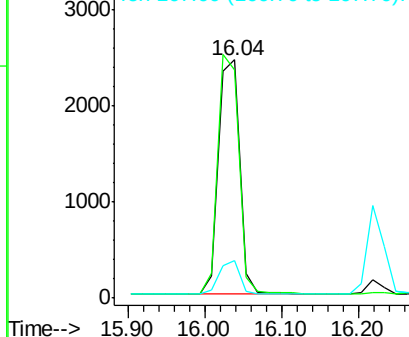
166 100

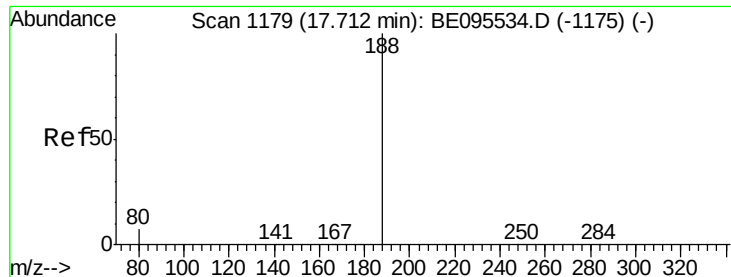
165 101.0 77.8 116.6

167 13.8 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: BE095558.D

Acq: 7 Feb 2018 18:16

Instrument :

BNA_E

ClientSampleId :

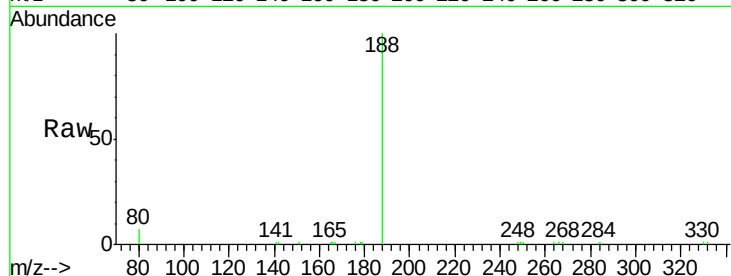
Tot Ion:188 Resp: 6163

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

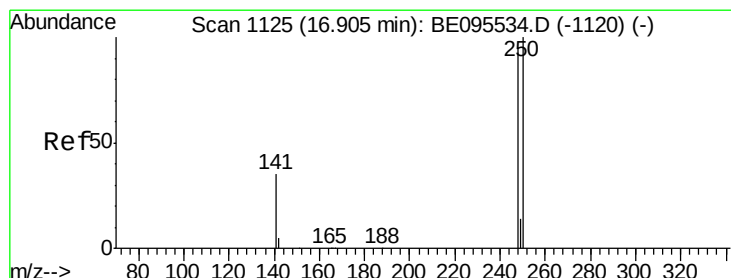
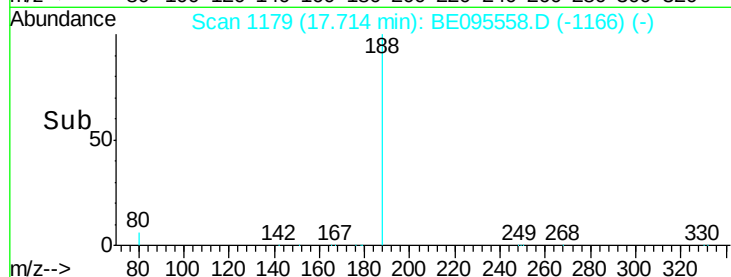
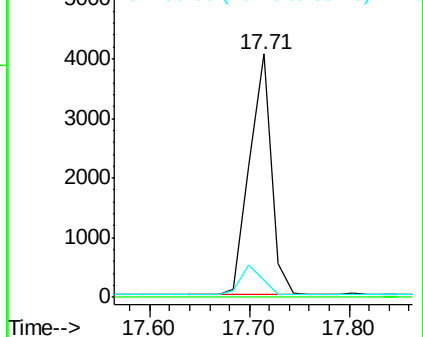
80 7.2 3.6 5.4#



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: 0.399 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

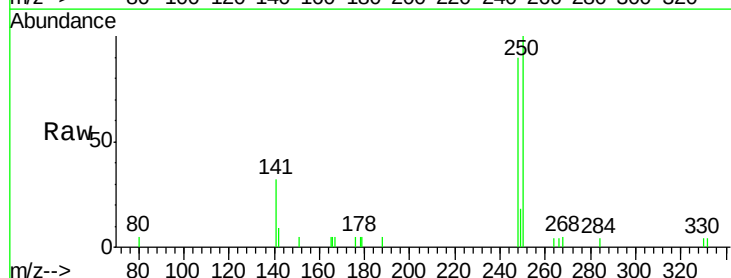
Tgt Ion:248 Resp: 1479

Ion Ratio Lower Upper

248 100

250 111.6 62.7 94.1#

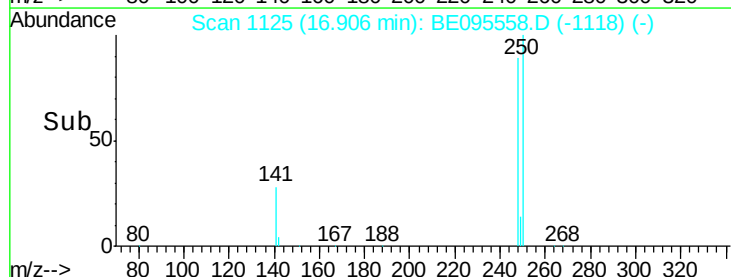
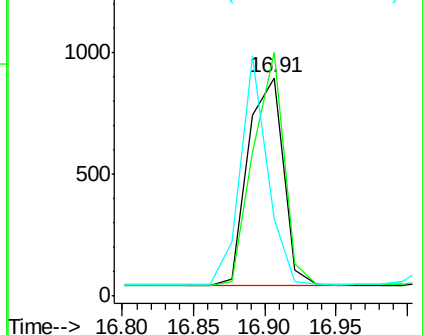
141 35.6 48.2 72.2#

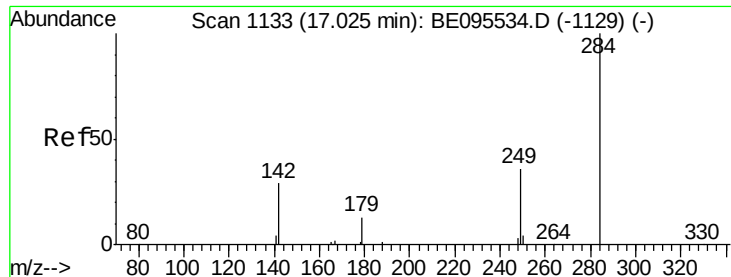


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

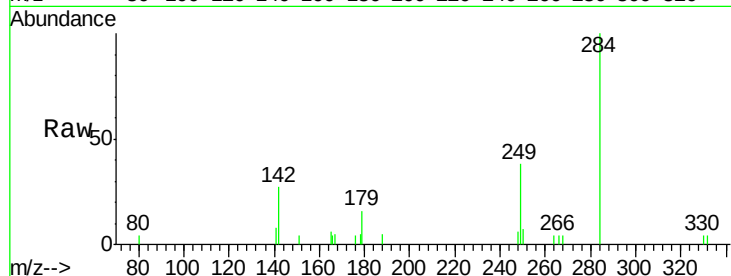




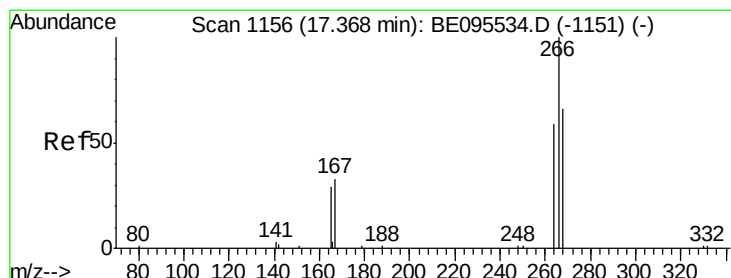
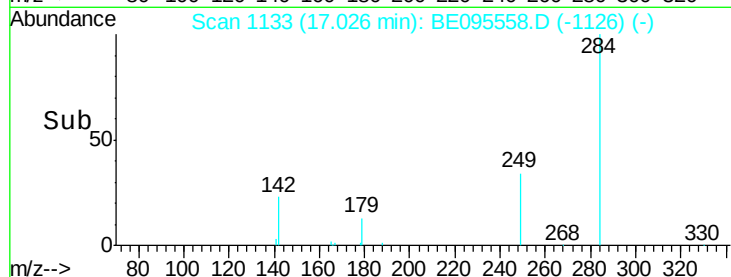
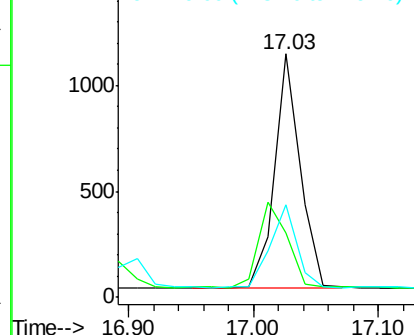
#21
Hexachlorobenzene
Concen: 0.414 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095558.D
Acq: 7 Feb 2018 18:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1582
Ion Ratio Lower Upper
284 100
142 40.3 22.1 33.1#
249 36.1 34.8 52.2

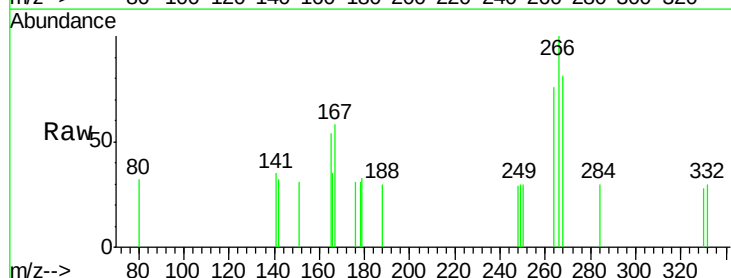


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

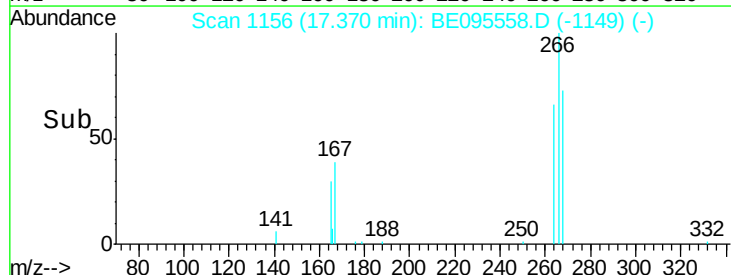
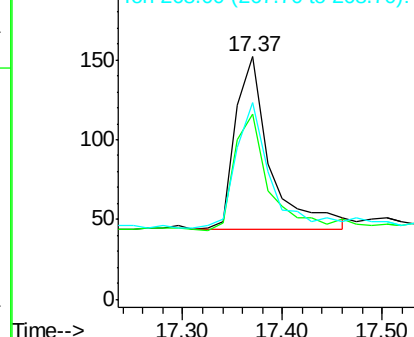


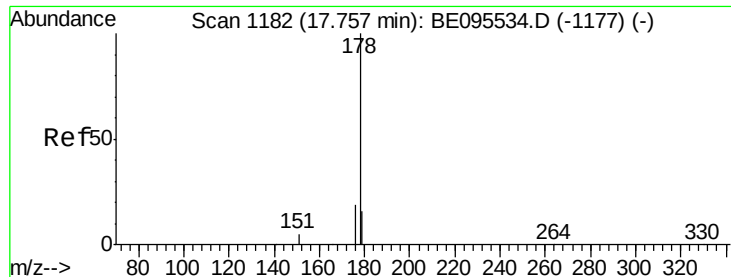
#22
Pentachlorophenol
Concen: 0.328 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095558.D
Acq: 7 Feb 2018 18:16

Tgt Ion:266 Resp: 262
Ion Ratio Lower Upper
266 100
264 76.3 72.5 108.7
268 80.9 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: 0.404 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

Instrument :

BNA_E

ClientSampleId :

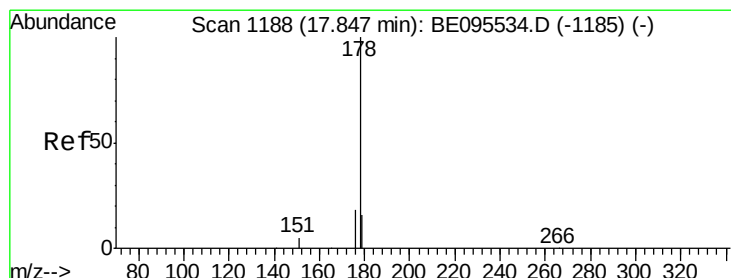
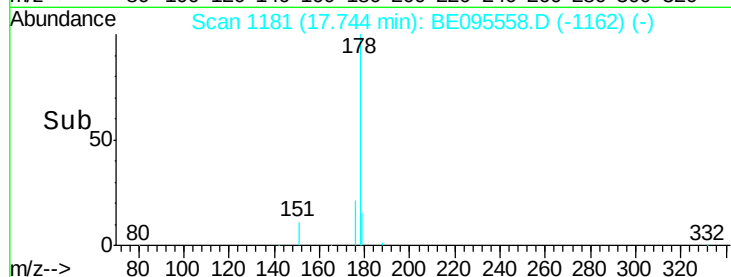
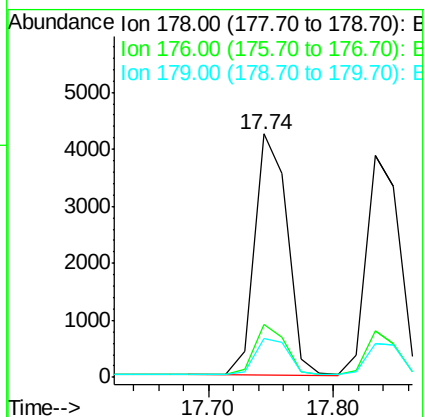
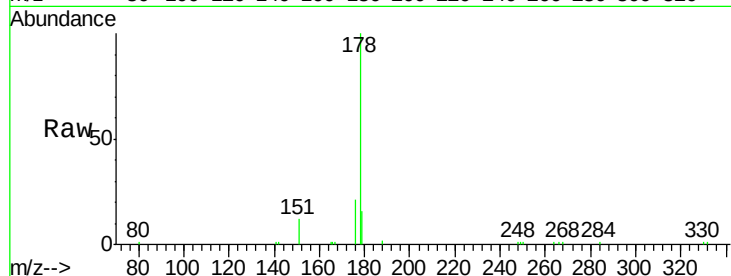
Tot Ion:178 Resp: 7650

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

179 15.5 11.8 17.6



#24

Anthracene

Concen: 0.400 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

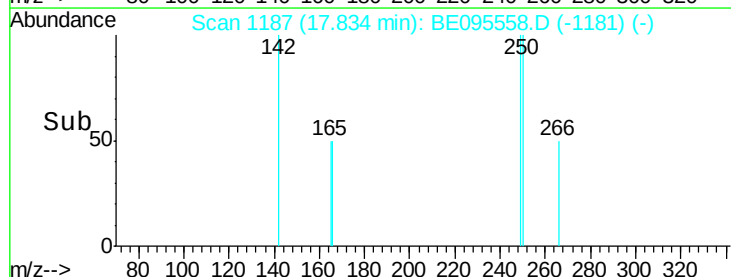
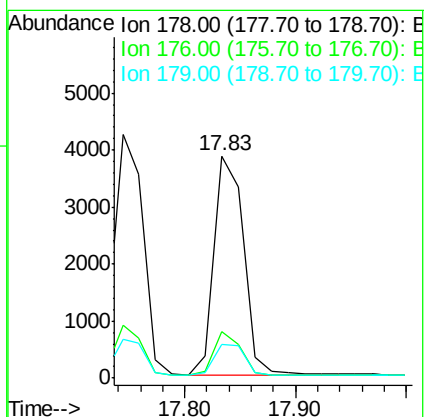
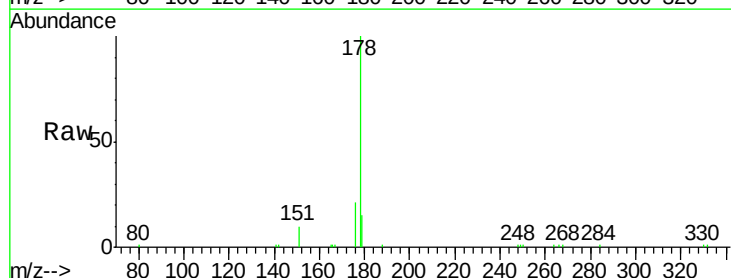
Tgt Ion:178 Resp: 7071

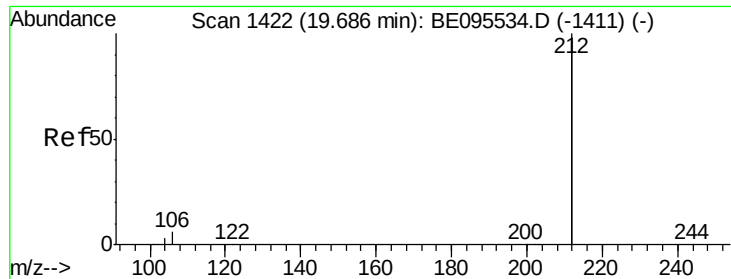
Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

179 14.5 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.69 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

Instrument :

BNA_E

ClientSampleId :

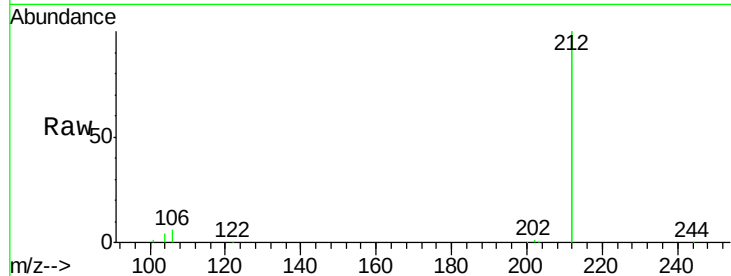
Tot Ion:212 Resp: 32227

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

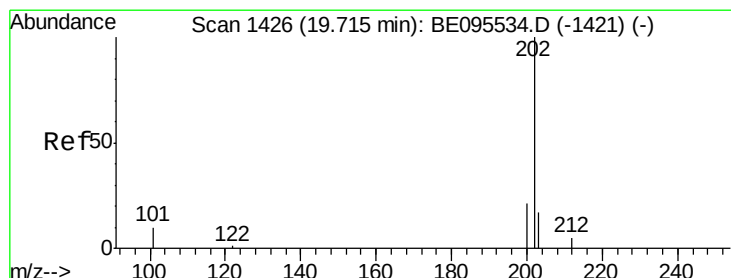
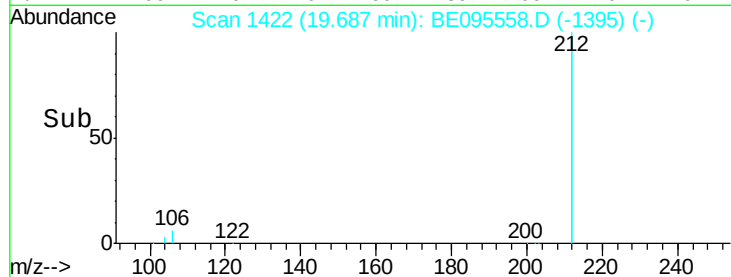
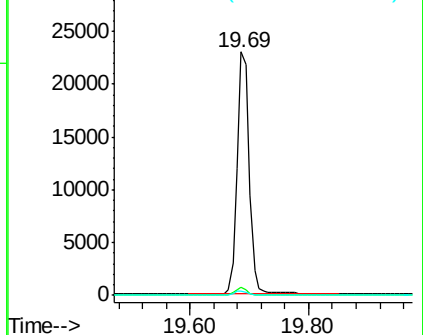
104 1.7 1.6 2.4



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: 0.399 ng

RT: 19.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

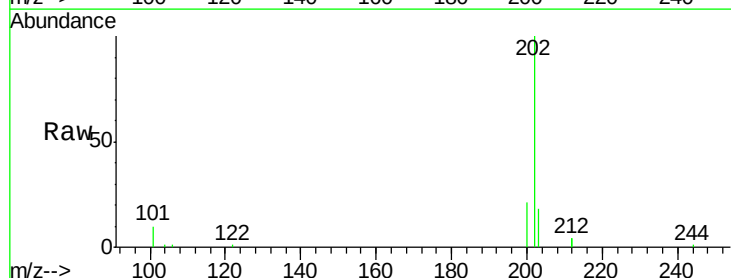
Tgt Ion:202 Resp: 9524

Ion Ratio Lower Upper

202 100

101 10.0 9.8 14.8

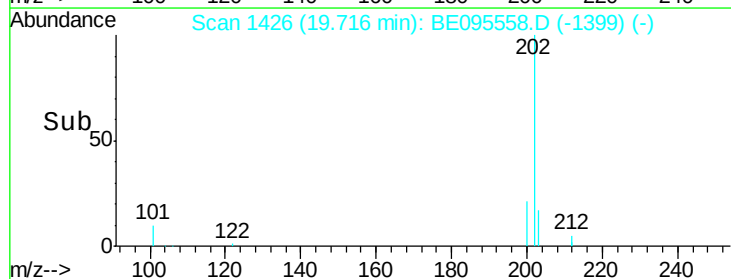
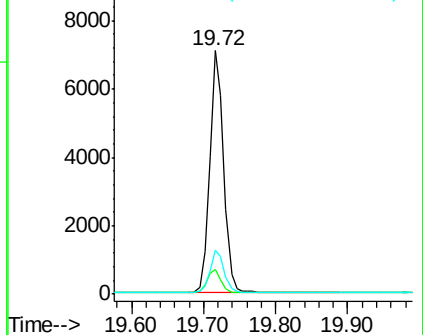
203 17.2 13.7 20.5

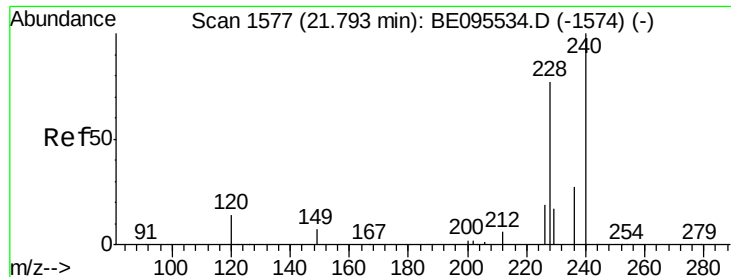


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.81 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

Instrument :

BNA_E

ClientSampleId :

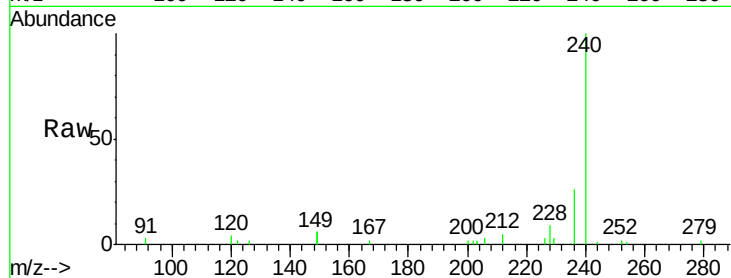
Tot Ion:240 Resp: 6340

Ion Ratio Lower Upper

240 100

120 4.0 5.5 8.3#

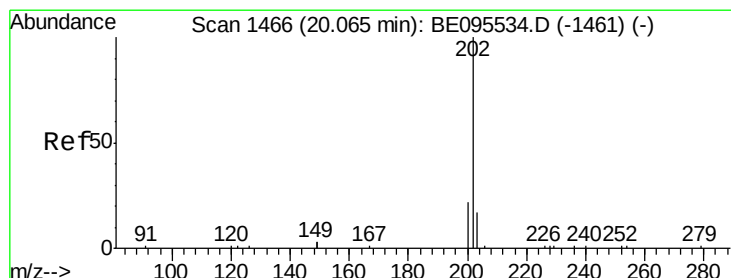
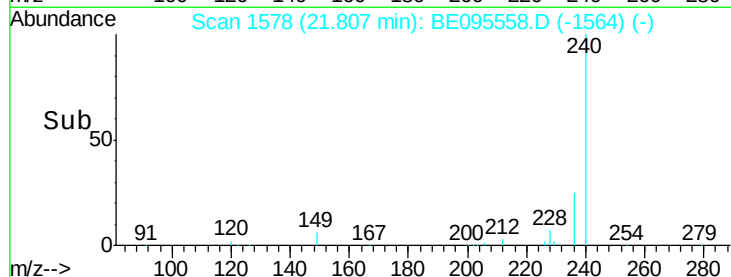
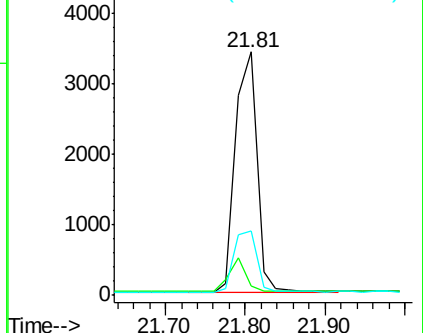
236 26.3 20.7 31.1



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: 0.422 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

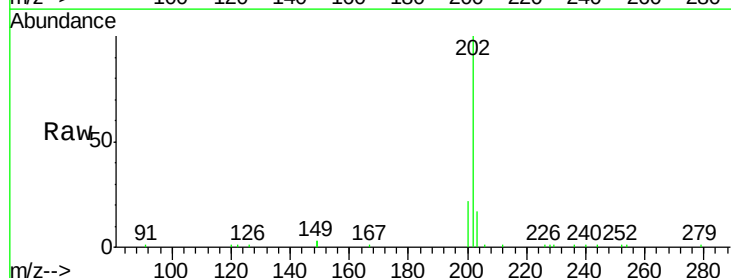
Tgt Ion:202 Resp: 11225

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

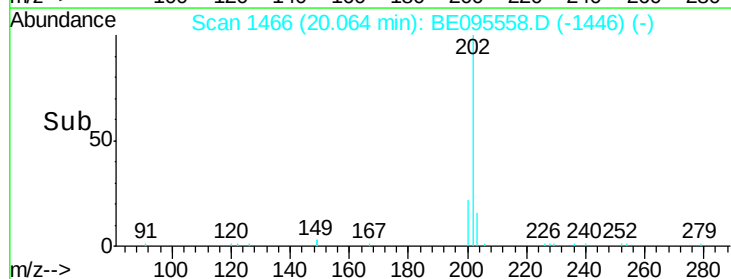
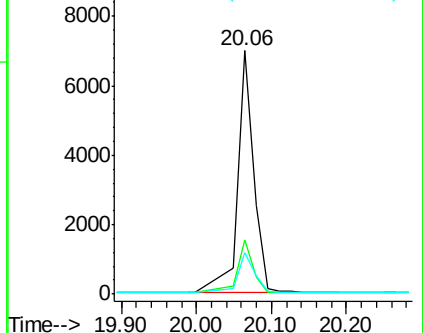
203 16.5 13.8 20.8

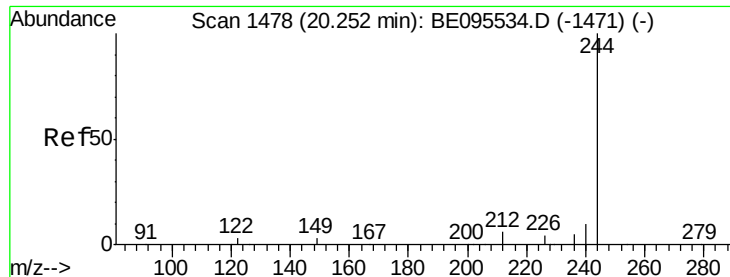


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

Instrument :

BNA_E

ClientSampleId :

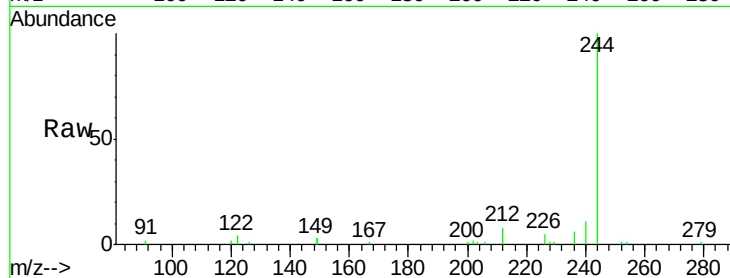
Tot Ion:244 Resp: 5294

Ion Ratio Lower Upper

244 100

212 7.7 25.4 38.0#

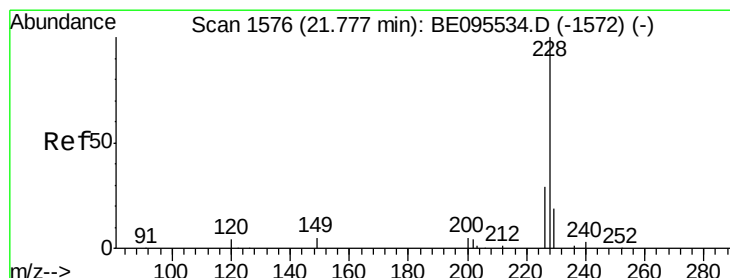
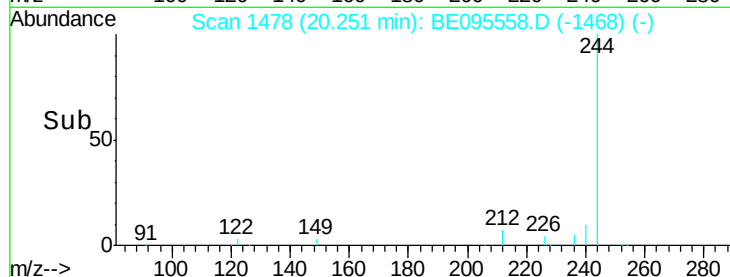
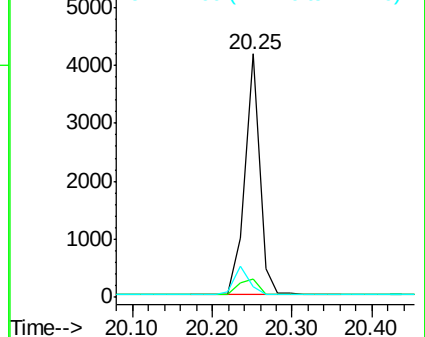
122 4.4 8.1 12.1#



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: 0.395 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

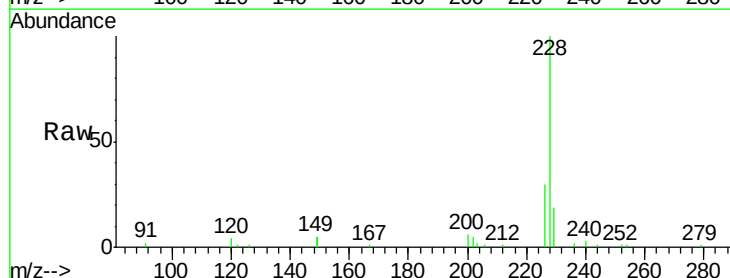
Tgt Ion:228 Resp: 8337

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

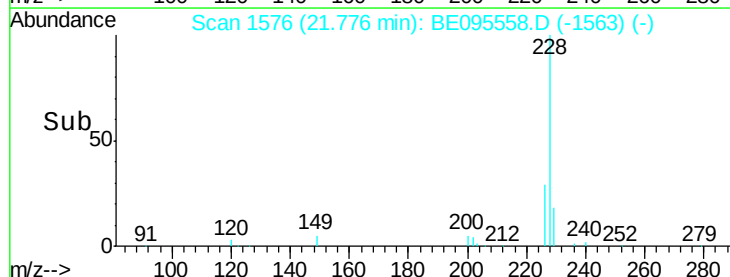
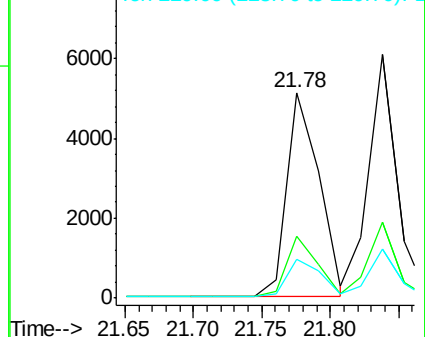
229 19.1 16.0 24.0

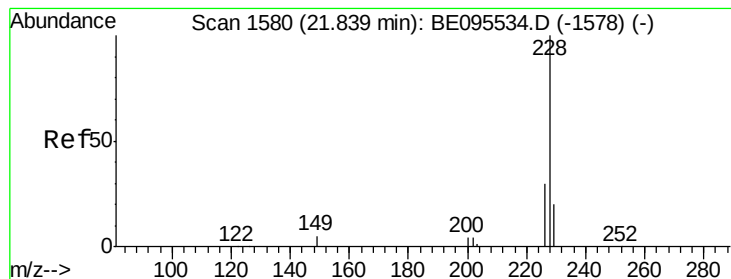


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.403 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

Instrument :

BNA_E

ClientSampleId :

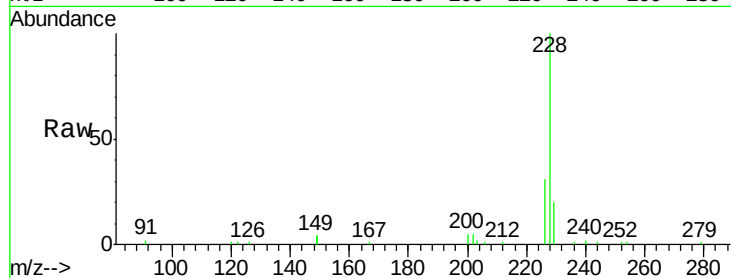
Tot Ion:228 Resp: 8383

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

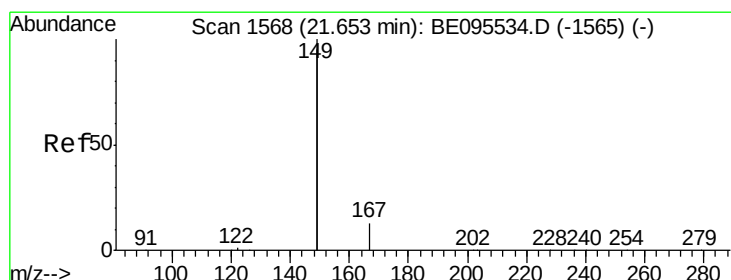
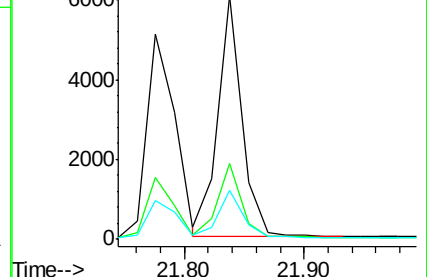
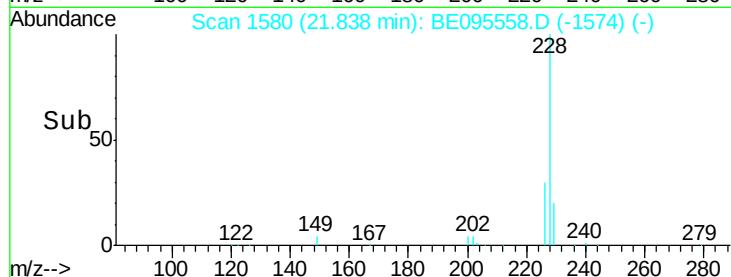
229 20.3 16.0 24.0



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: 0.302 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

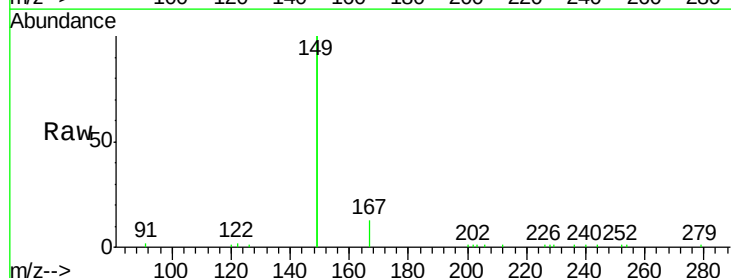
Tgt Ion:149 Resp: 14693

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

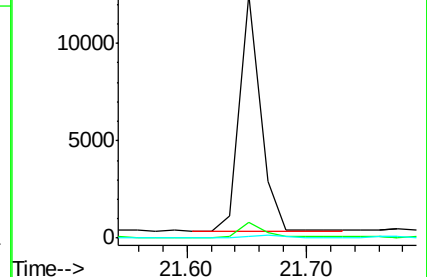
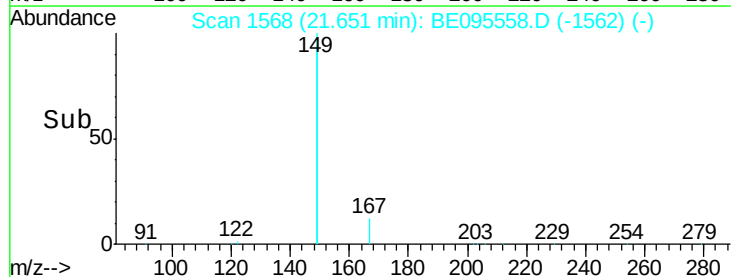
279 0.8 0.7 1.1

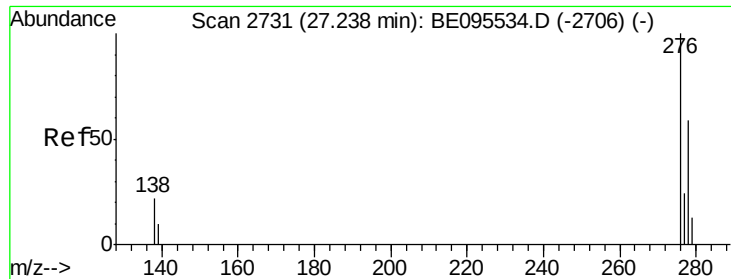


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

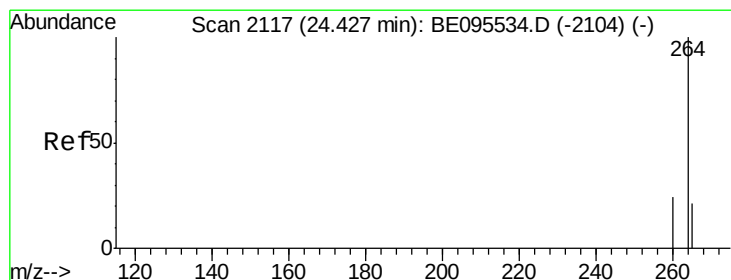
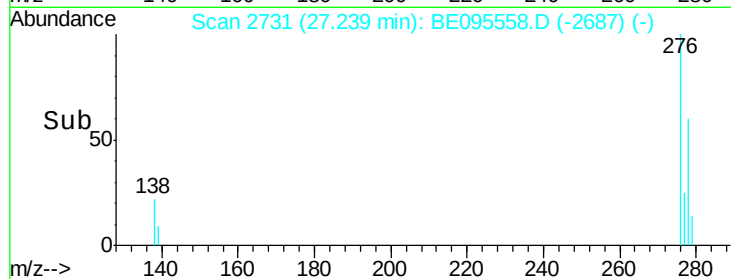
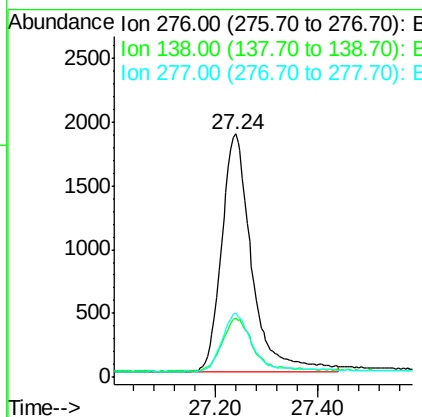
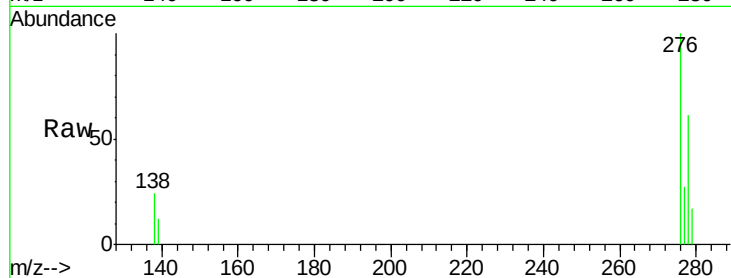




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.377 ng
 RT: 27.24 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: BE095558.D
 Acq: 7 Feb 2018 18:16

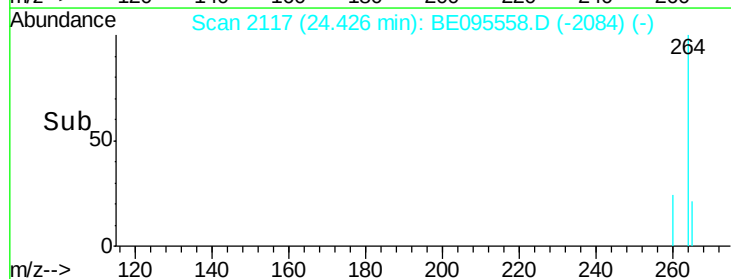
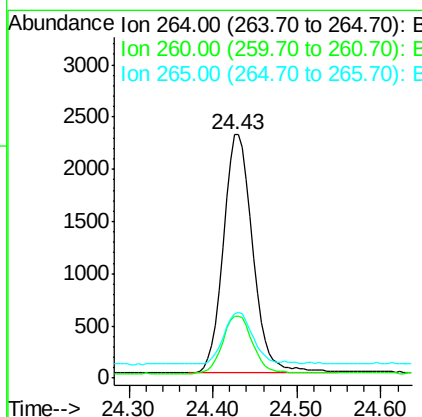
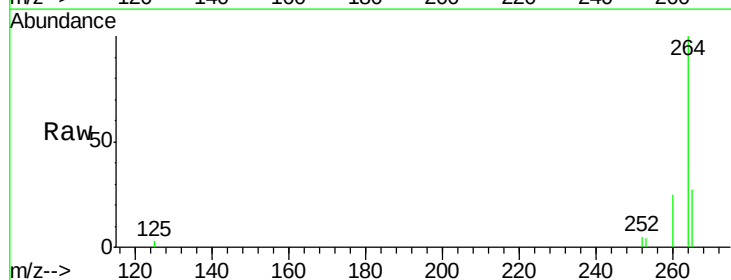
Instrument :
 BNA_E
 ClientSampleId :

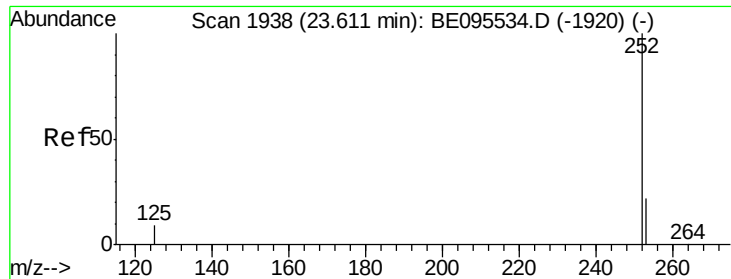
Tot Ion:276 Resp: 7585
 Ion Ratio Lower Upper
 276 100
 138 22.1 22.5 33.7#
 277 23.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BE095558.D
 Acq: 7 Feb 2018 18:16

Tgt Ion:264 Resp: 5579
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 26.6 22.8 34.2

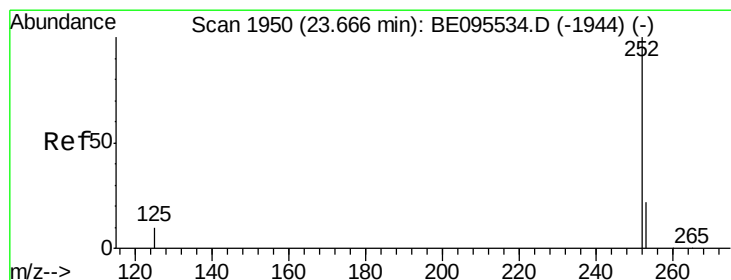
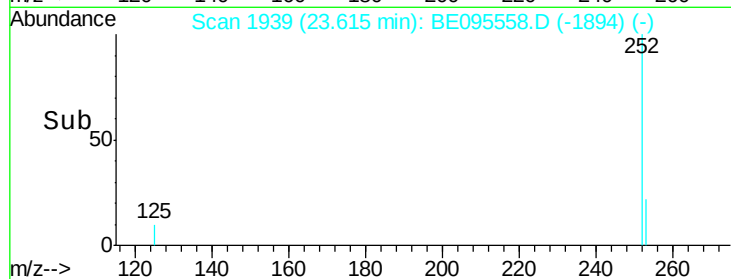
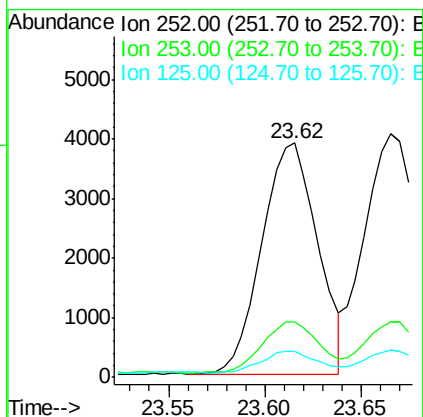
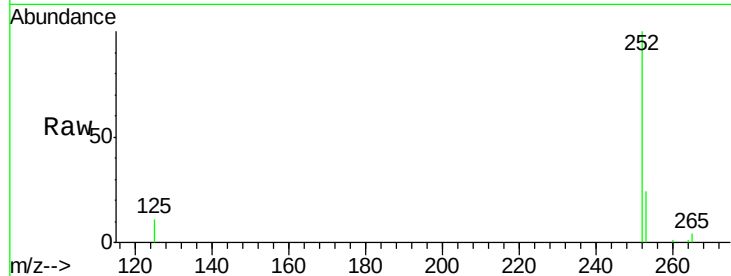




#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.62 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BE095558.D
Acq: 7 Feb 2018 18:16

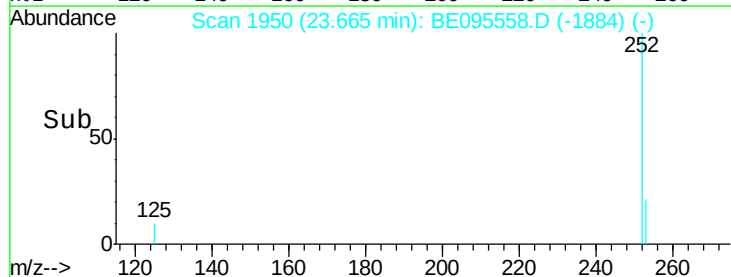
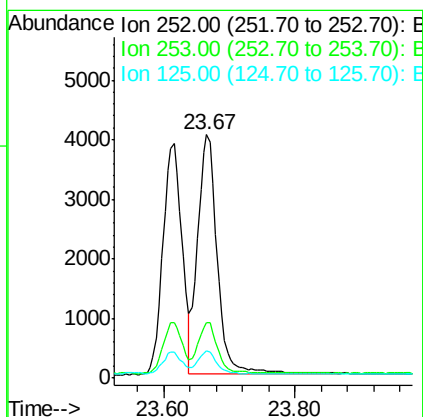
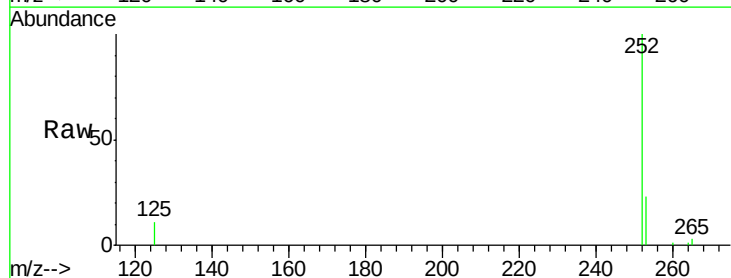
Instrument :
BNA_E
ClientSampleId :

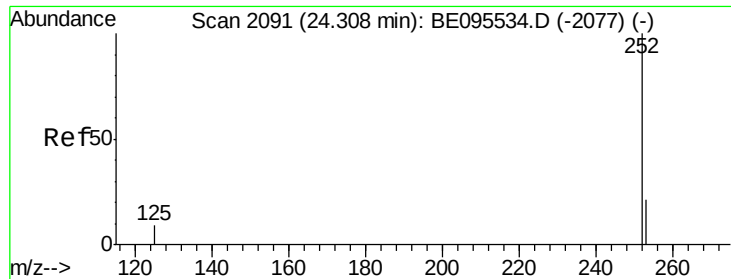
Tot Ion:252 Resp: 7797
Ion Ratio Lower Upper
252 100
253 23.5 20.0 30.0
125 11.3 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.425 ng
RT: 23.67 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095558.D
Acq: 7 Feb 2018 18:16

Tgt Ion:252 Resp: 8309
Ion Ratio Lower Upper
252 100
253 23.0 16.0 24.0
125 11.1 8.0 12.0

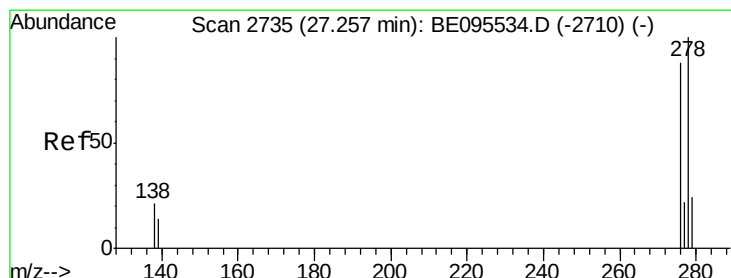
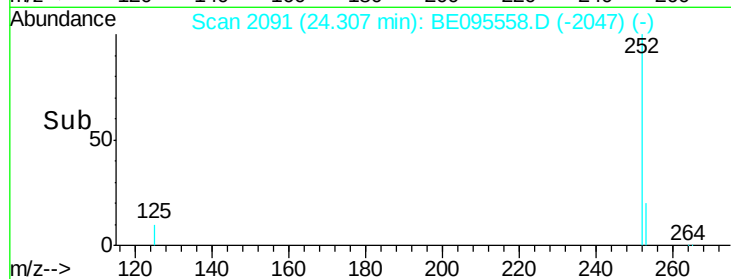
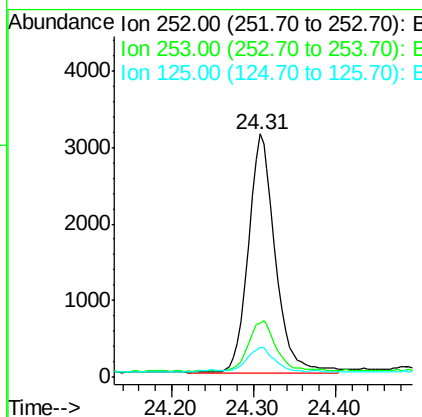
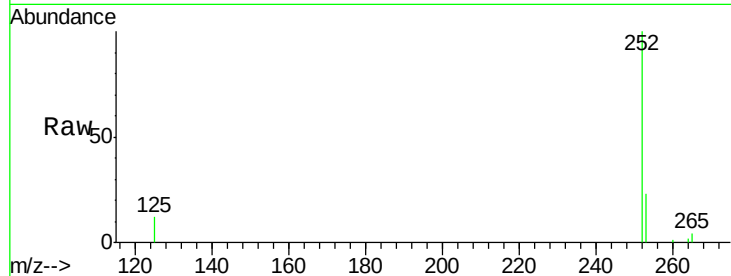




#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095558.D
Acq: 7 Feb 2018 18:16

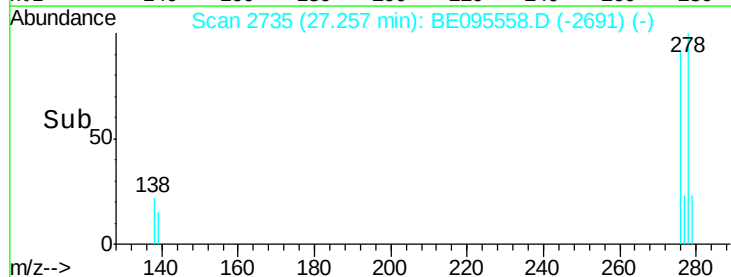
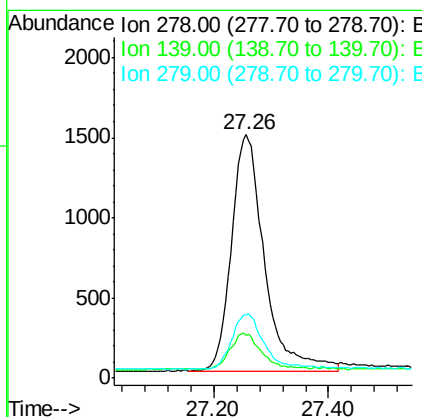
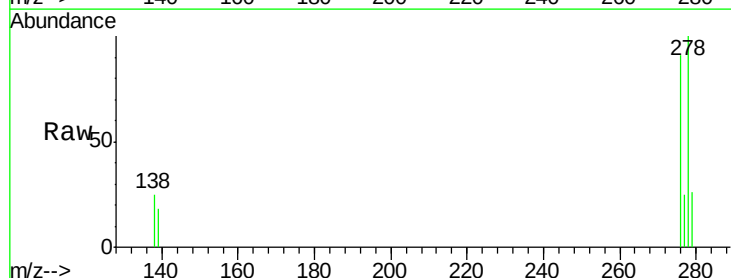
Instrument :
BNA_E
ClientSampleId :

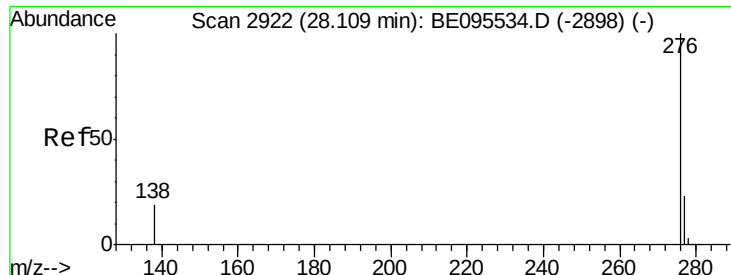
Tot Ion:252 Resp: 7104
Ion Ratio Lower Upper
252 100
253 22.5 16.0 24.0
125 12.3 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 27.26 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BE095558.D
Acq: 7 Feb 2018 18:16

Tgt Ion:278 Resp: 5913
Ion Ratio Lower Upper
278 100
139 17.5 16.0 24.0
279 25.9 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.397 ng

RT: 28.11 min Scan# 2923

Delta R.T. 0.00 min

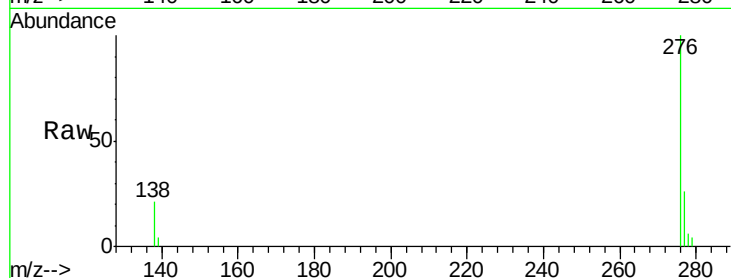
Lab File: BE095558.D

Acq: 7 Feb 2018 18:16

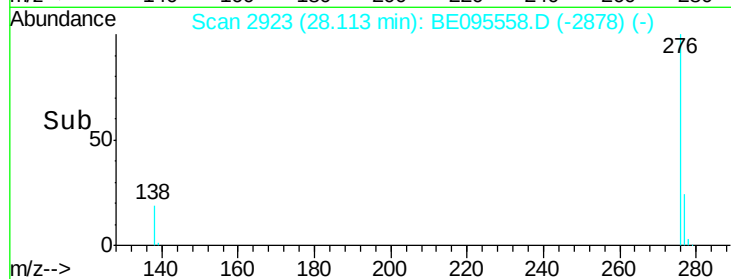
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	6613
Ion Ratio	Lower	Upper	
276	100		
277	26.0	16.0	24.0#
138	21.4	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

