

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
 Data File : BE095665.D
 Acq On : 12 Feb 2018 17:20
 Operator : SJ/JU
 Sample : PB106393BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 13 03:26:40 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	8.42	152	1102	0.40	ng	-0.01
7) Naphthalene-d8	11.27	136	4083	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2109	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	4722	0.40	ng	0.00
27) Chrysene-d12	21.79	240	5378	0.40	ng	0.00
34) Perylene-d12	24.43	264	5105	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1231	0.37	ng	0.00
5) Phenol-d6	7.55	99	1583	0.34	ng	-0.01
8) Nitrobenzene-d5	9.61	82	1619	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2343	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	314	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	3826	0.42	ng	-0.02
25) Fluoranthene-d10	19.69	212	23284	0.37	ng	0.00
29) Terphenyl-d14	20.25	244	4331	0.38	ng	0.00

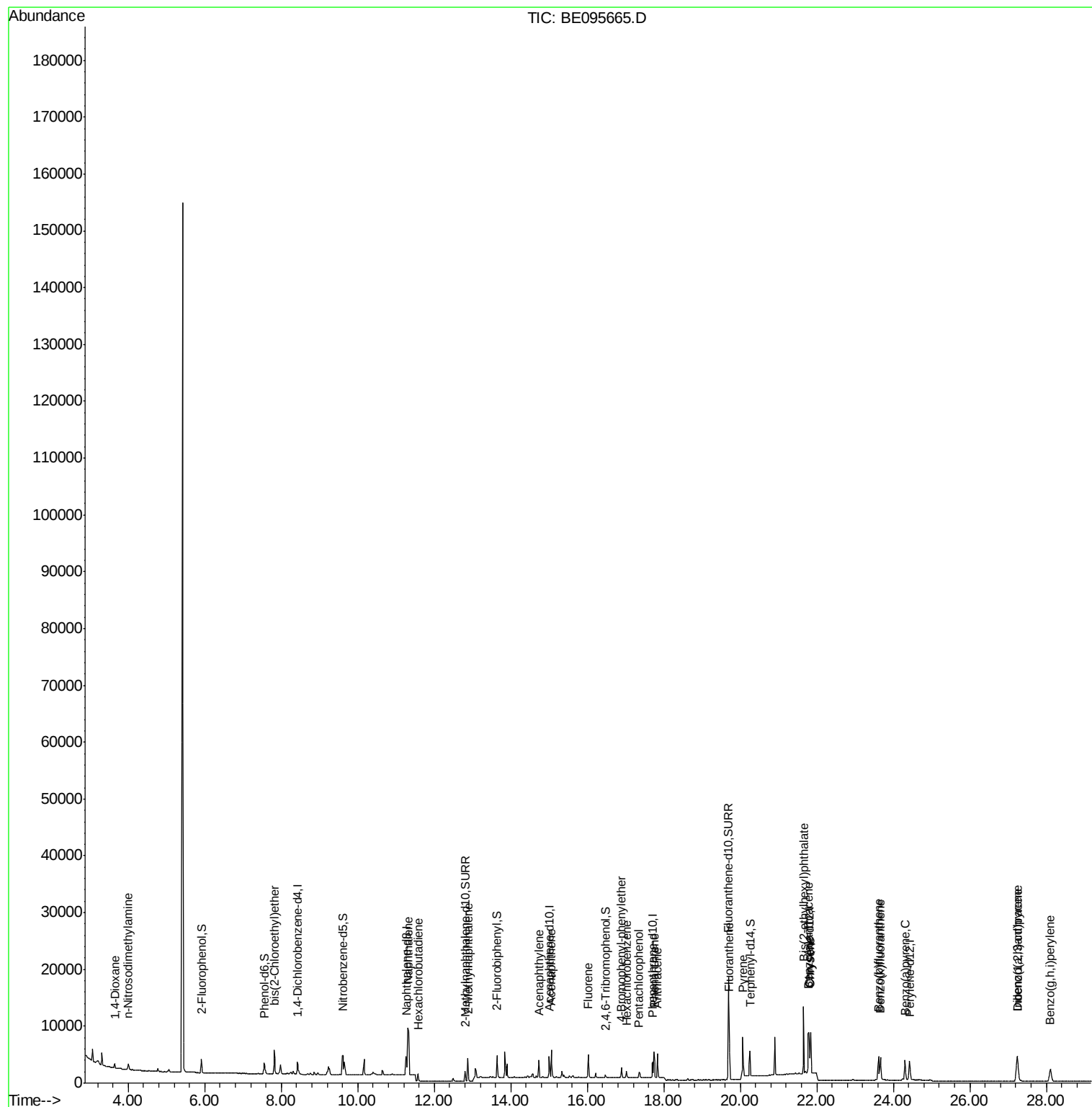
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	570	0.31	ng	# 36
3) n-Nitrosodimethylamine	3.99	42	807	0.35	ng	# 88
6) bis(2-Chloroethyl)ether	7.82	93	1433	0.34	ng	97
9) Naphthalene	11.31	128	16476	0.35	ng	99
10) Hexachlorobutadiene	11.58	225	976	0.38	ng	92
12) 2-Methylnaphthalene	12.88	142	2760	0.34	ng	99
16) Acenaphthylene	14.73	152	3864	0.32	ng	99
17) Acenaphthene	15.06	154	2464	0.33	ng	98
18) Fluorene	16.02	166	3009	0.32	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	987	0.35	ng	# 66
21) Hexachlorobenzene	17.03	284	999	0.34	ng	# 83
22) Pentachlorophenol	17.36	266	626	0.68	ng	# 75
23) Phenanthrene	17.74	178	5062	0.35	ng	98
24) Anthracene	17.83	178	4650	0.34	ng	96
26) Fluoranthene	19.72	202	6474	0.35	ng	97
28) Pyrene	20.06	202	6293	0.28	ng	95
30) Benzo(a)anthracene	21.78	228	6265	0.35	ng	99
31) Chrysene	21.84	228	6295	0.36	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	13103	0.32	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	6538	0.38	ng	95
35) Benzo(b)fluoranthene	23.61	252	6117	0.35	ng	# 91
36) Benzo(k)fluoranthene	23.66	252	6077	0.34	ng	# 91
37) Benzo(a)pyrene	24.30	252	5739	0.35	ng	93
38) Dibenzo(a,h)anthracene	27.25	278	5352	0.38	ng	97
39) Benzo(g,h,i)perylene	28.10	276	5583	0.37	ng	# 92

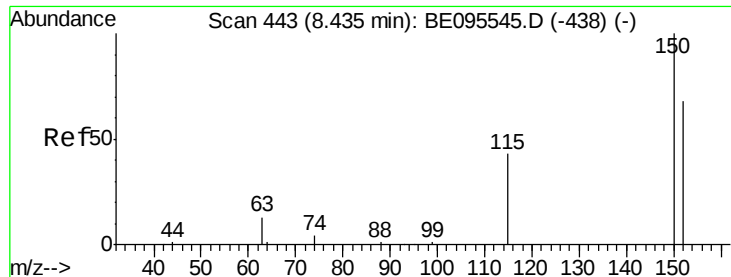
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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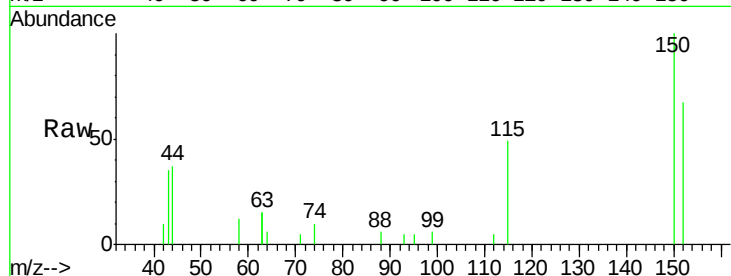


#1

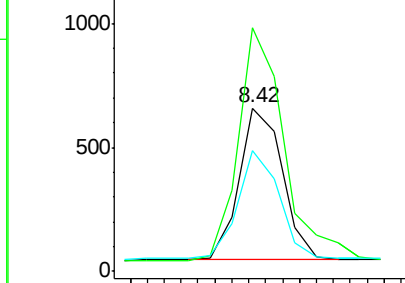
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

Instrument :
BNA_E
ClientSampleId :

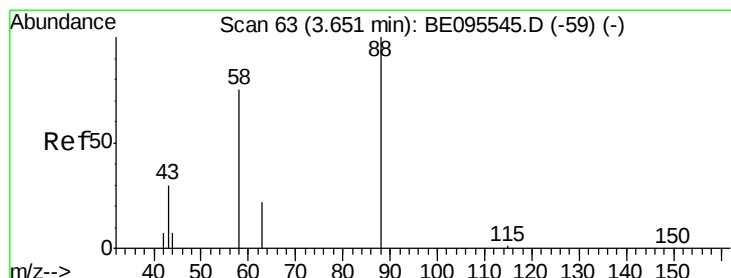
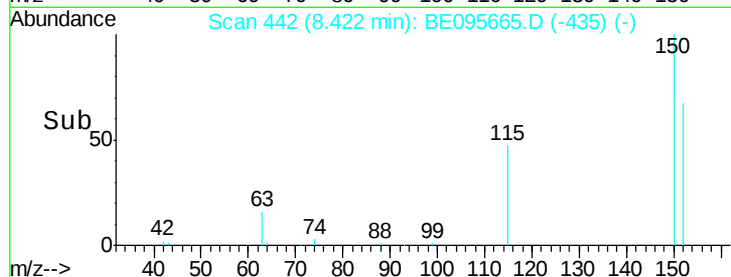
Tot Ion:152 Resp: 1102
Ion Ratio Lower Upper
152 100
150 148.8 117.2 175.8
115 73.5 57.0 85.6



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



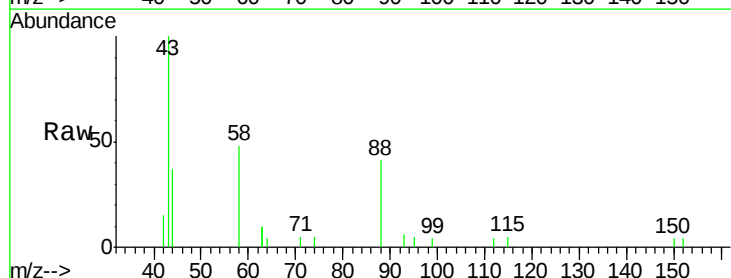
Time-->



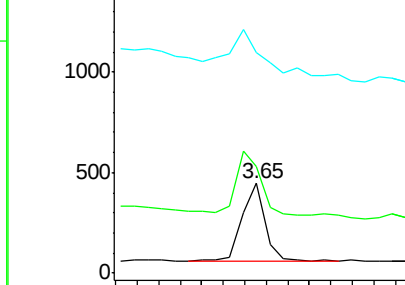
#2

1,4-Dioxane
Concen: 0.31 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

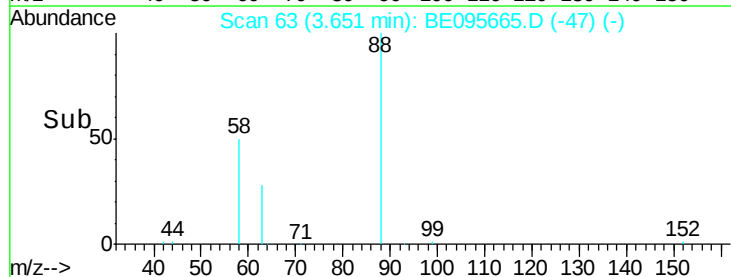
Tgt Ion: 88 Resp: 570
Ion Ratio Lower Upper
88 100
58 107.9 63.2 94.8#
43 128.8 41.2 61.8#

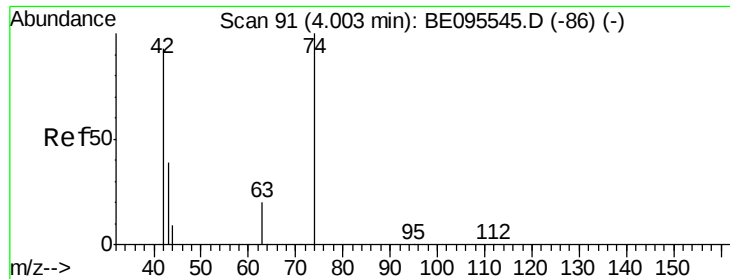


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->



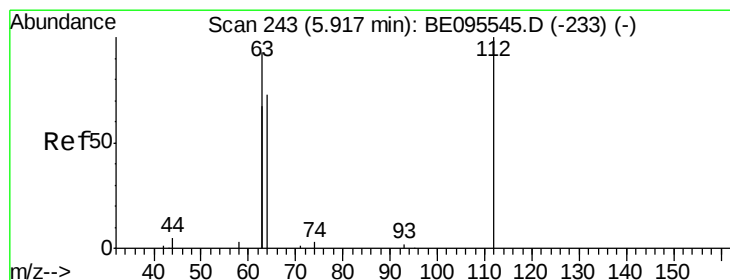
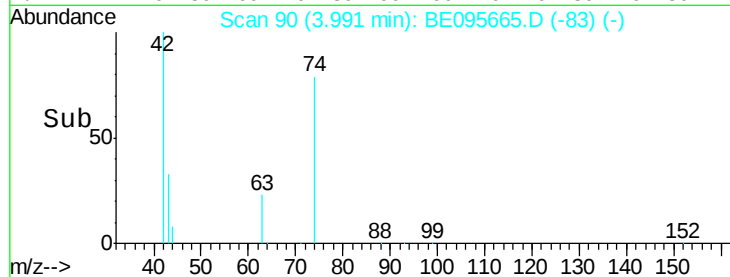
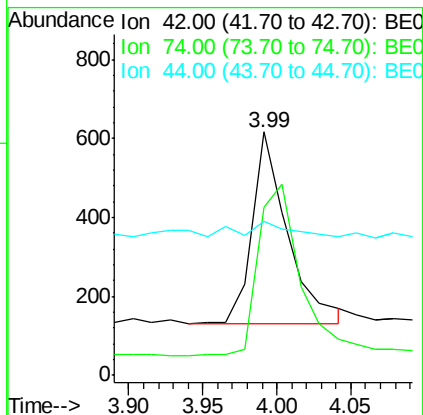
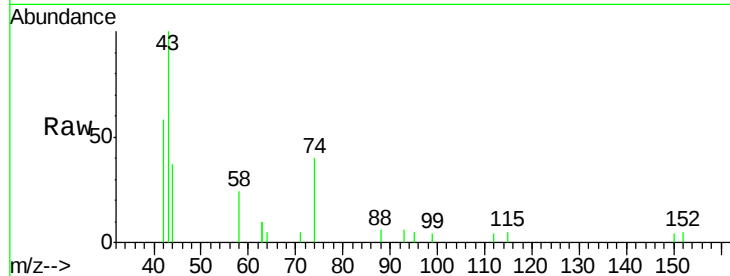


#3

n-Nitrosodimethylamine
 Concen: 0.35 ng
 RT: 3.99 min Scan# 90
 Delta R.T. -0.01 min
 Lab File: BE095665.D
 Acq: 12 Feb 2018 17:20

Instrument :
 BNA_E
 ClientSampleId :

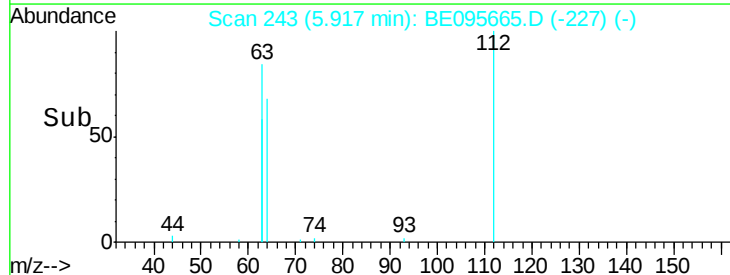
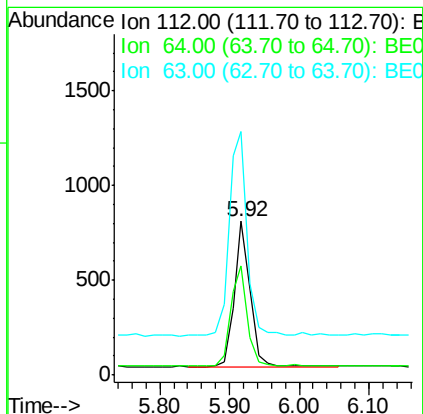
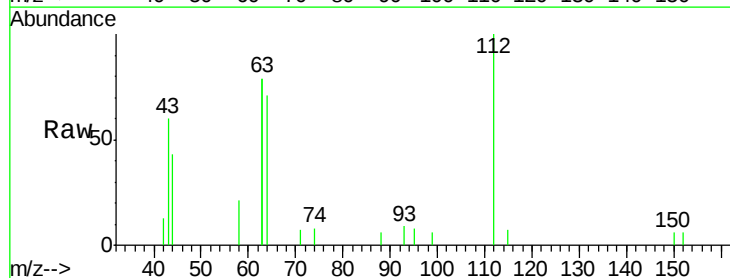
Tot Ion: 42 Resp: 807
 Ion Ratio Lower Upper
 42 100
 74 106.7 96.0 144.0
 44 10.5 12.0 18.0#

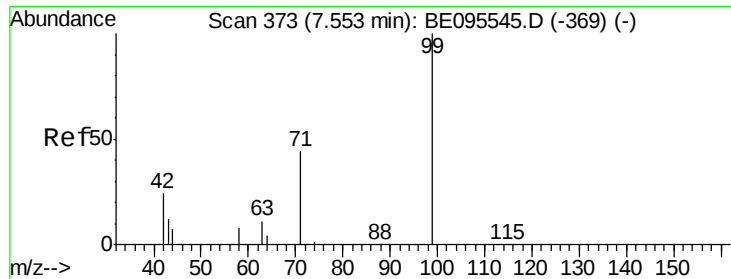


#4

2-Fluorophenol
 Concen: 0.37 ng
 RT: 5.92 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: BE095665.D
 Acq: 12 Feb 2018 17:20

Tgt Ion: 112 Resp: 1231
 Ion Ratio Lower Upper
 112 100
 64 71.4 60.1 90.1
 63 159.5 116.8 175.2





#5

Phenol-d6

Concen: 0.34 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :

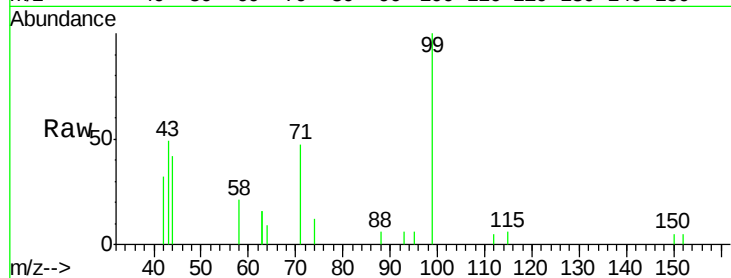
Tot Ion: 99 Resp: 1583

Ion Ratio Lower Upper

99 100

42 28.2 20.2 30.2

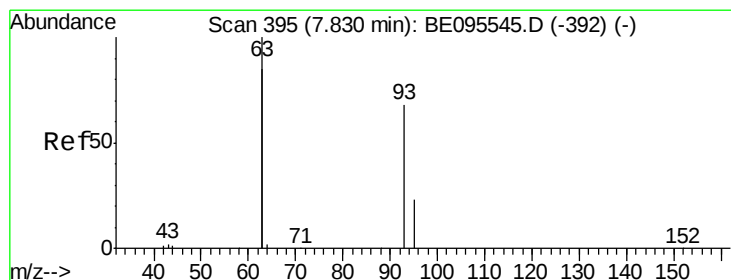
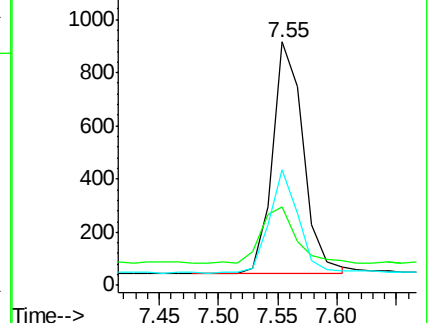
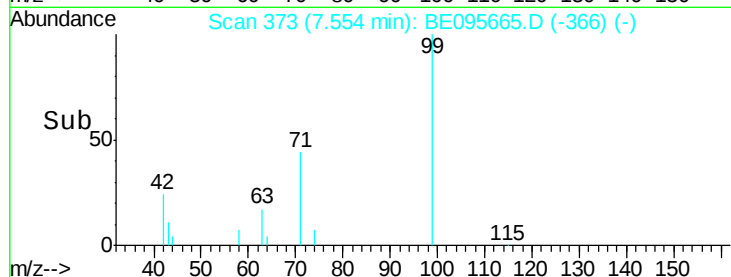
71 41.8 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.34 ng

RT: 7.82 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

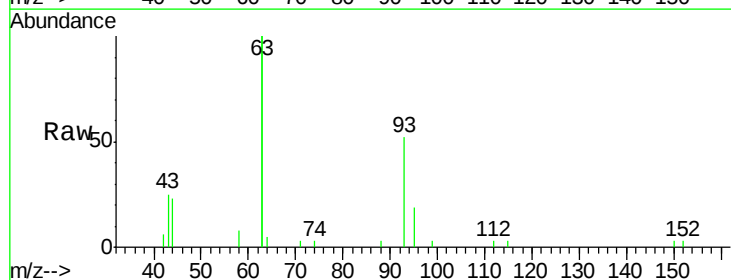
Tgt Ion: 93 Resp: 1433

Ion Ratio Lower Upper

93 100

63 337.8 275.3 412.9

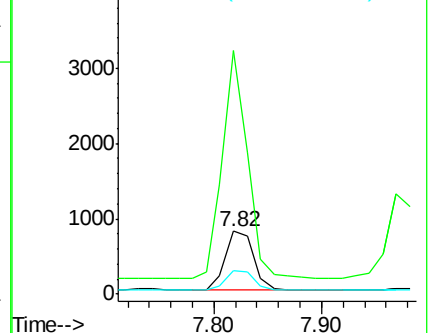
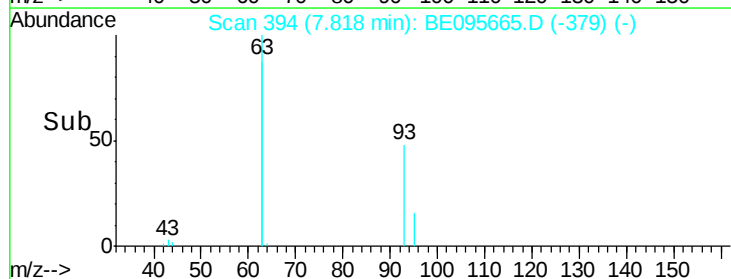
95 33.4 25.2 37.8

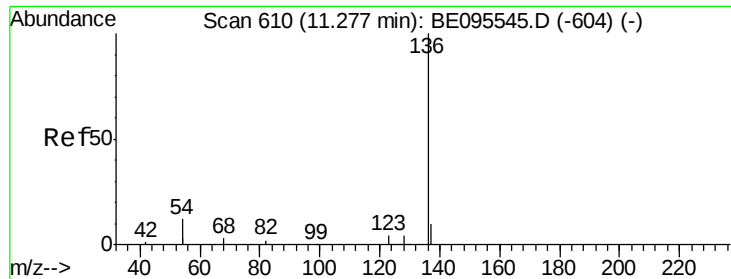


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.27 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4083

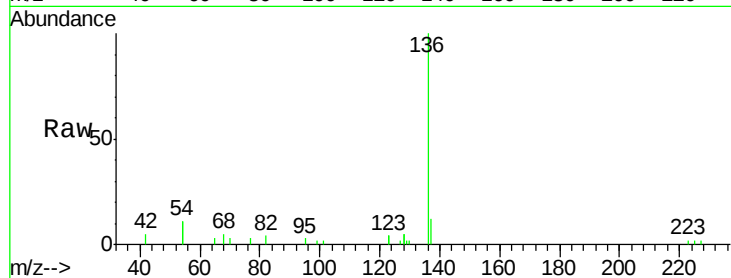
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 21.8 29.1 43.7#

68 5.3 6.2 9.2#

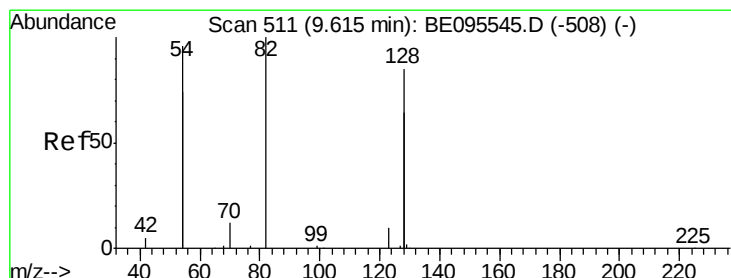
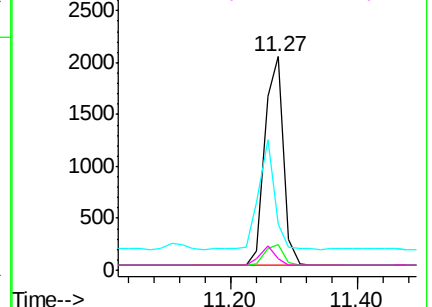
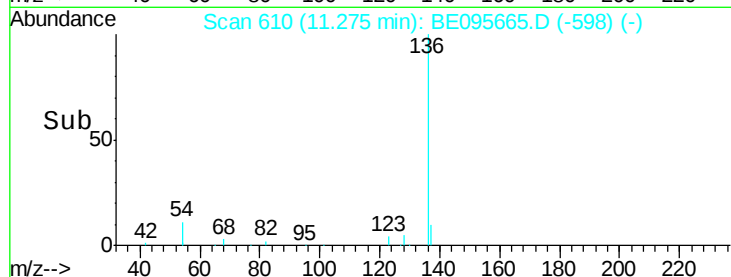


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.37 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

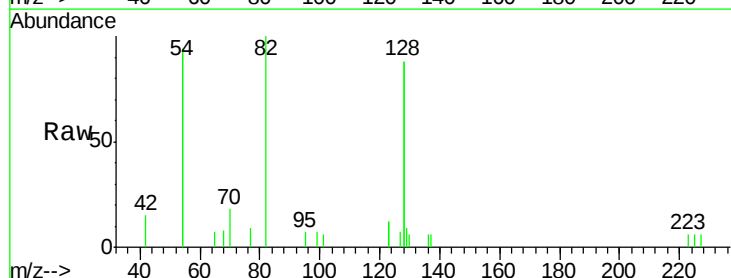
Tgt Ion: 82 Resp: 1619

Ion Ratio Lower Upper

82 100

128 176.5 150.0 225.0

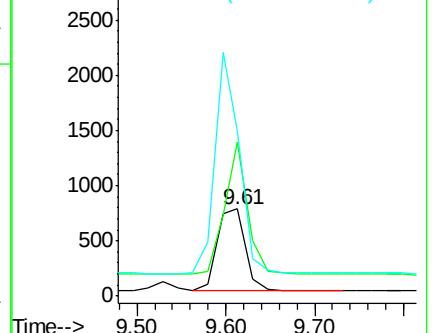
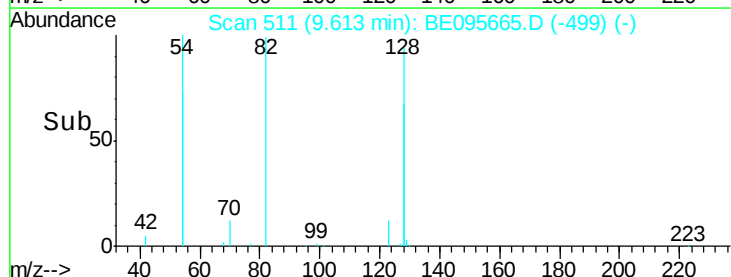
54 188.6 154.2 231.4

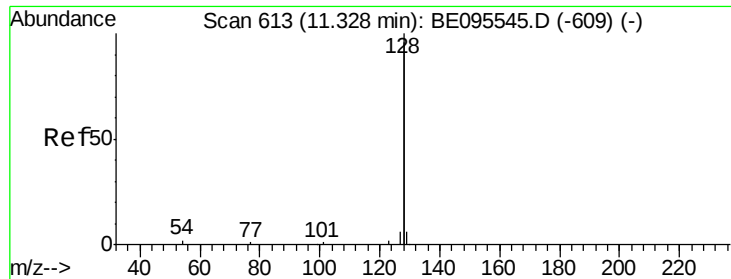


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.35 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :

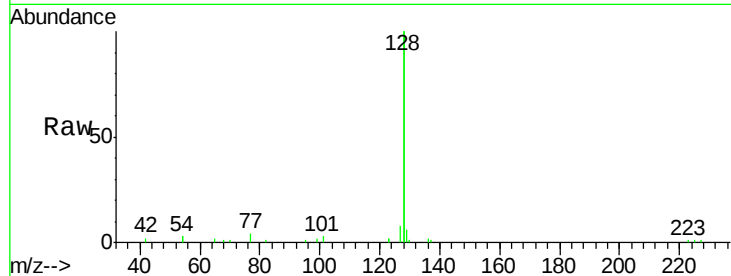
Tot Ion:128 Resp: 16476

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

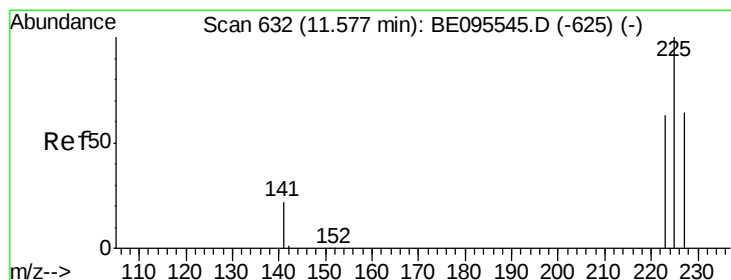
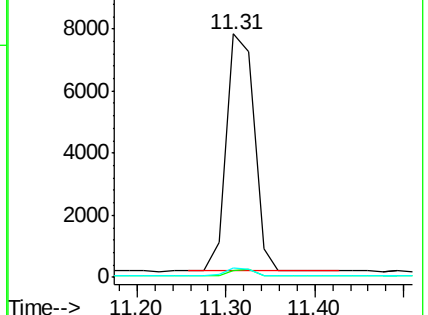
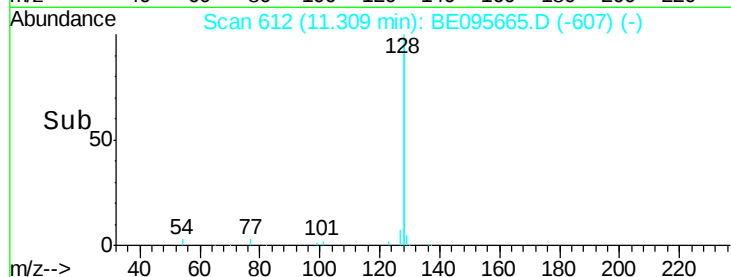
127 4.1 2.8 4.2



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: 0.38 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

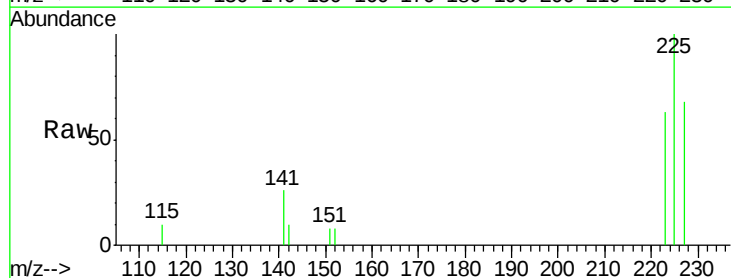
Tgt Ion:225 Resp: 976

Ion Ratio Lower Upper

225 100

223 63.8 53.0 79.6

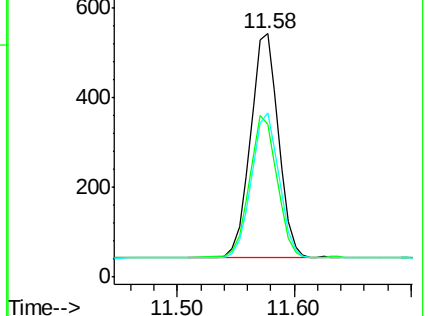
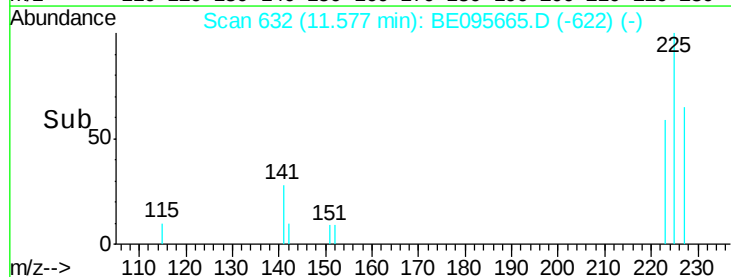
227 54.0 51.4 77.2

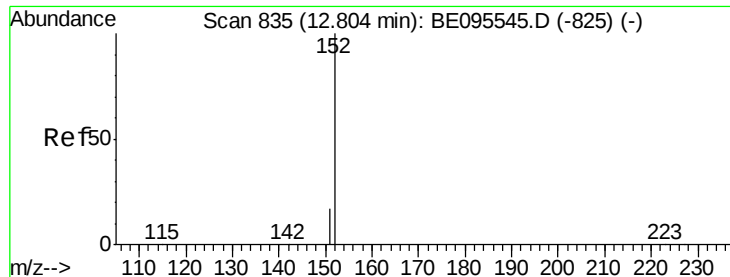


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

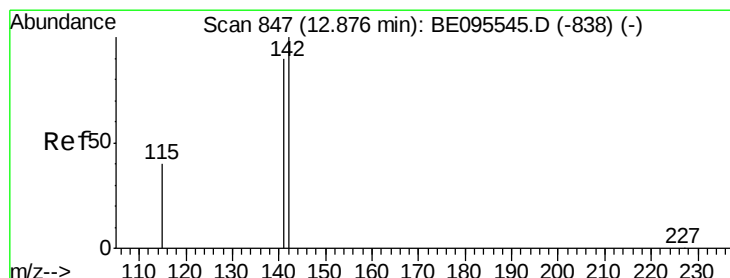
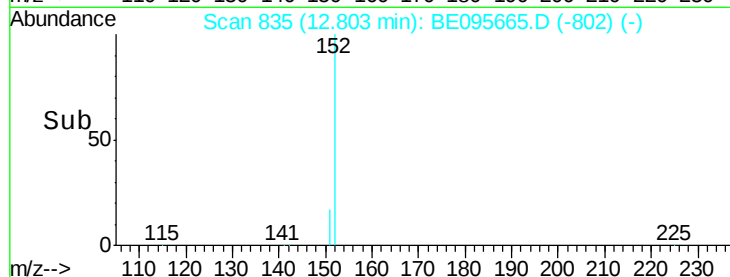
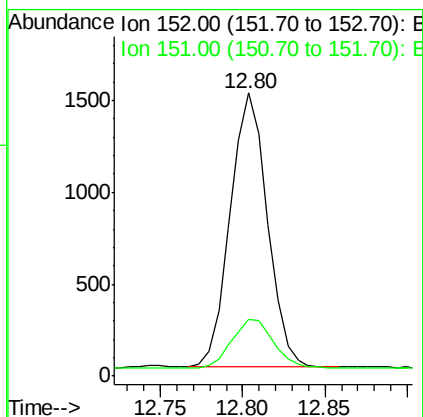
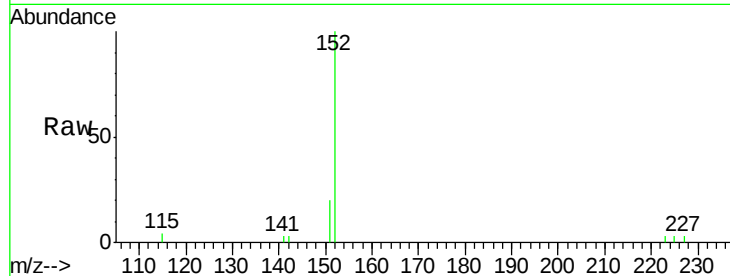




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

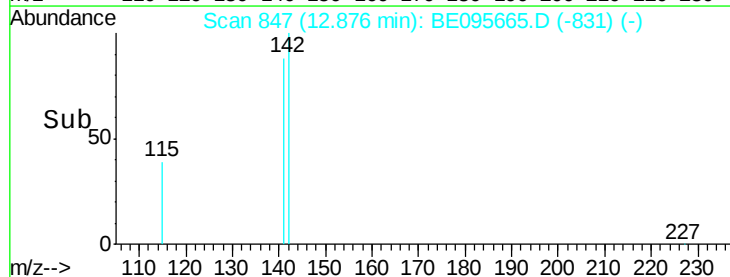
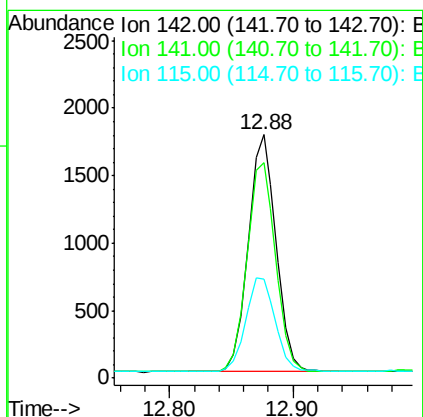
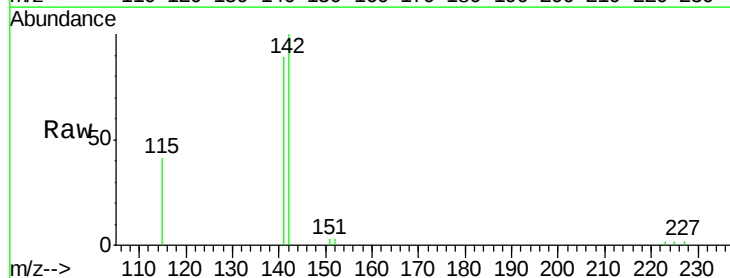
Instrument :
BNA_E
ClientSampleId :

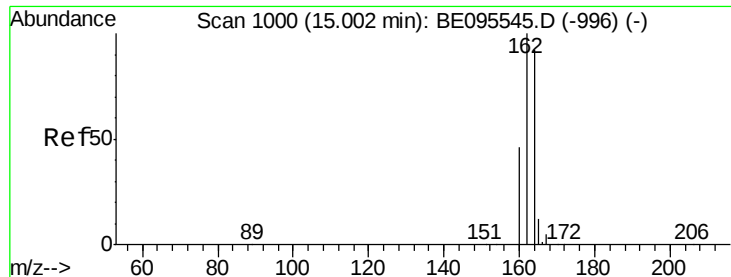
Tot Ion:152 Resp: 2343
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.34 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

Tgt Ion:142 Resp: 2760
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6
115 40.9 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :

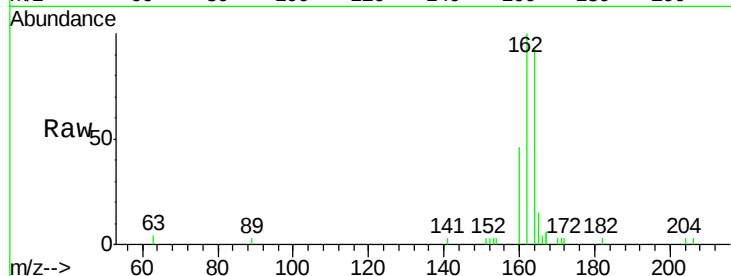
Tot Ion:164 Resp: 2109

Ion Ratio Lower Upper

164 100

162 107.7 83.1 124.7

160 49.8 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

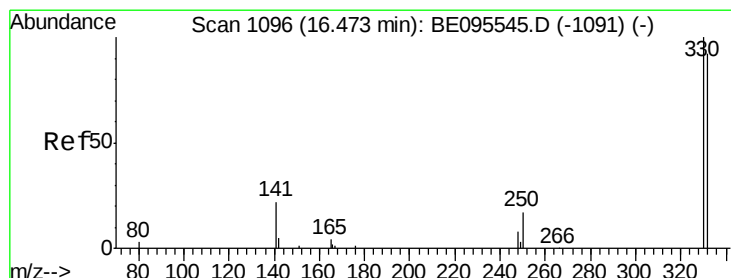
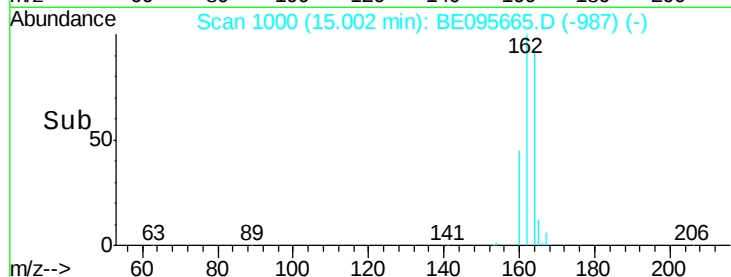
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

15.00

14.90 15.00 15.10

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.33 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

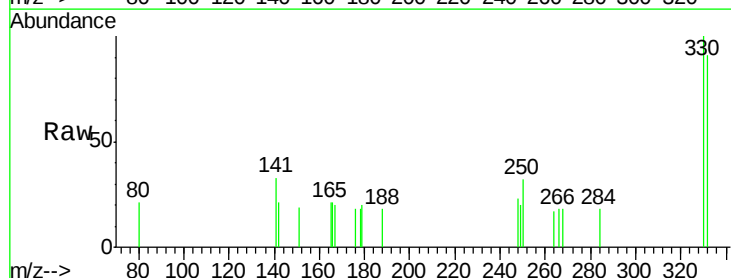
Tgt Ion:330 Resp: 314

Ion Ratio Lower Upper

330 100

332 94.6 152.7 229.1#

141 45.2 33.7 50.5



Abundance Ion 330.00 (329.70 to 330.70): E

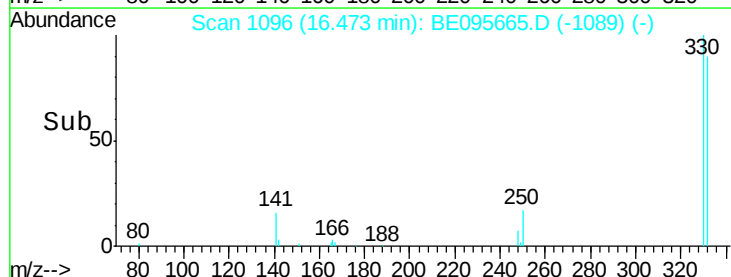
Ion 331.80 (331.50 to 332.50): E

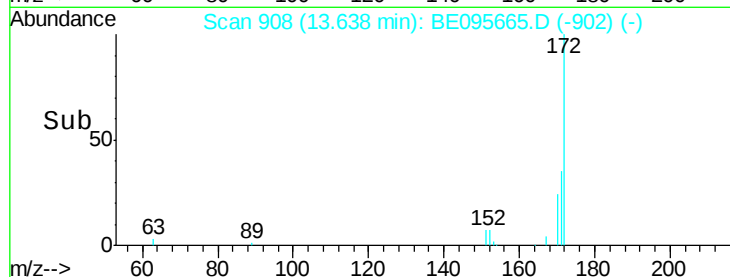
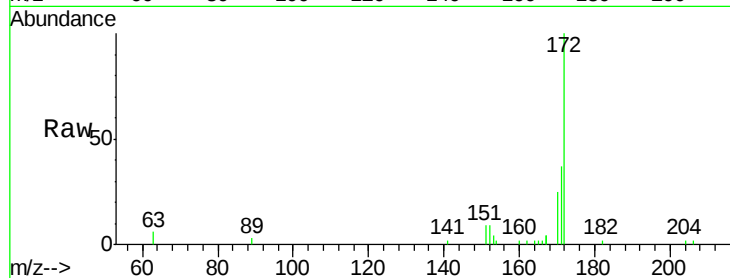
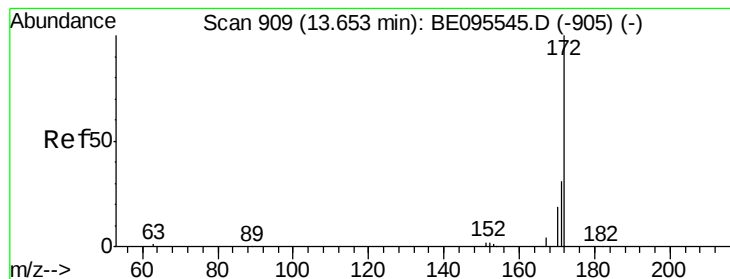
Ion 141.00 (140.70 to 141.70): E

16.47

16.40 16.50 16.60

Time-->

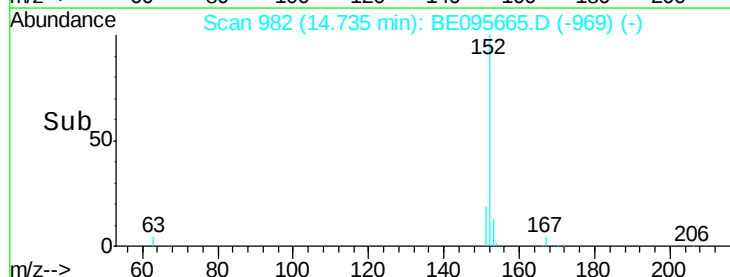
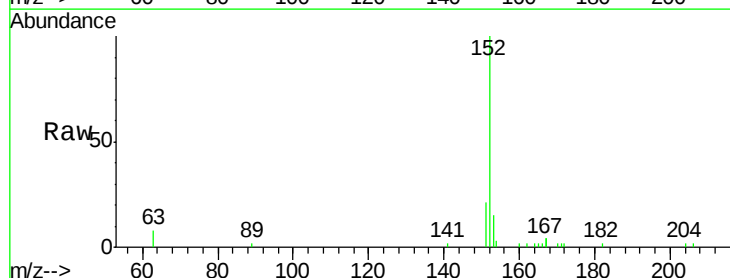
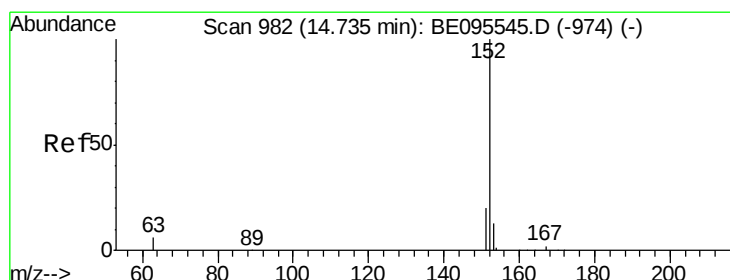
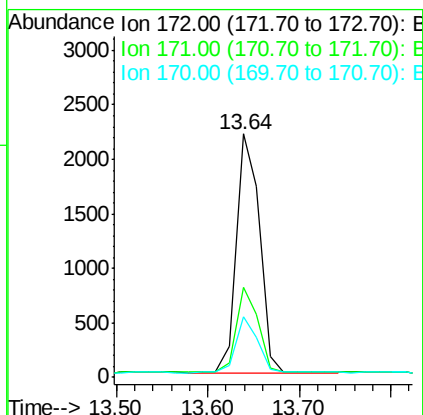




#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.02 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

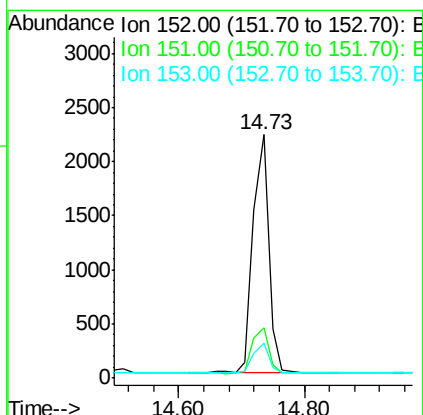
Instrument :
BNA_E
ClientSampleId :

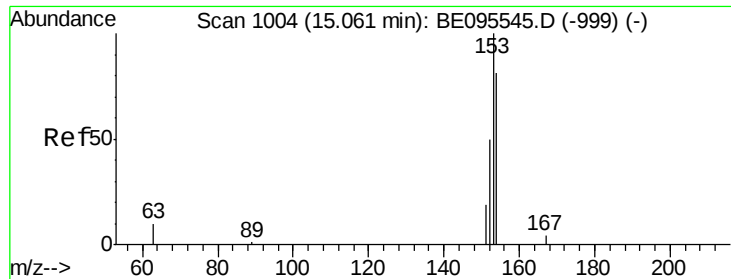
Tot Ion:172 Resp: 3826
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 25.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.32 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

Tgt Ion:152 Resp: 3864
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 12.6 10.5 15.7





#17

Acenaphthene

Concen: 0.33 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :

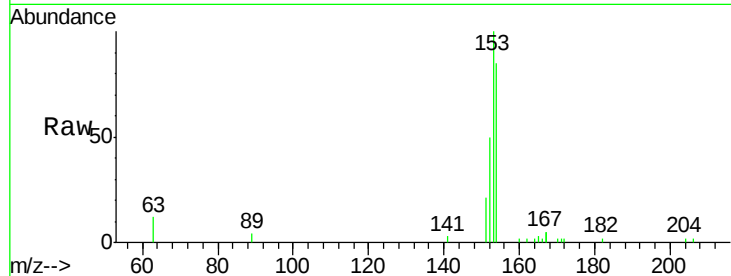
Tot Ion:154 Resp: 2464

Ion Ratio Lower Upper

154 100

153 113.1 89.2 133.8

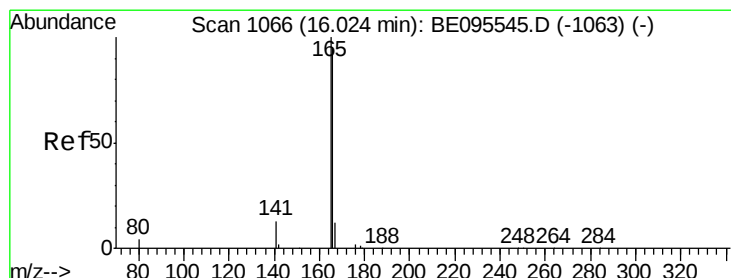
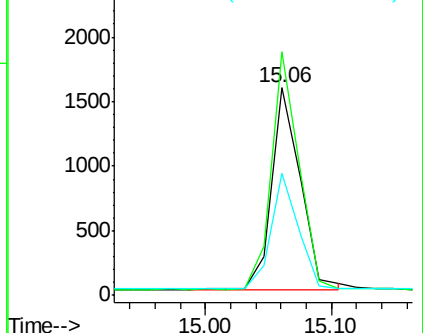
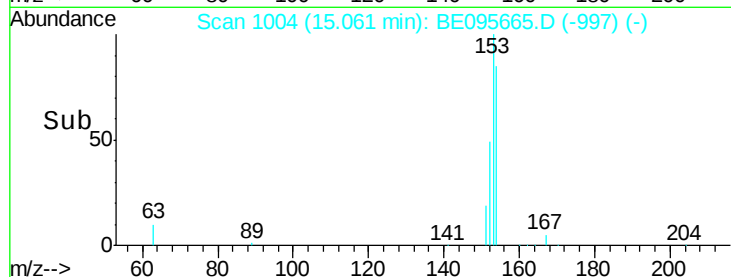
152 55.2 42.0 63.0



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: 0.32 ng

RT: 16.02 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

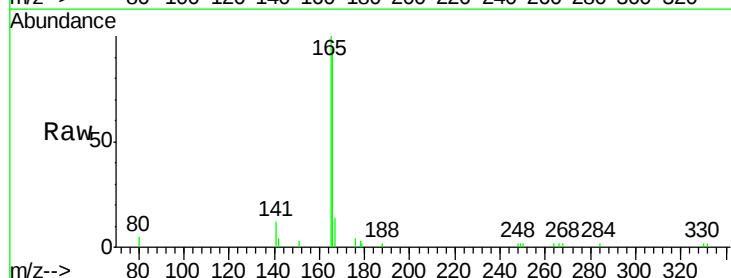
Tgt Ion:166 Resp: 3009

Ion Ratio Lower Upper

166 100

165 101.0 77.8 116.6

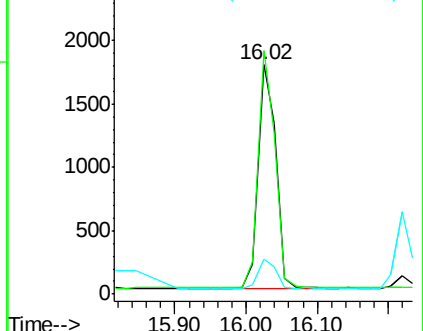
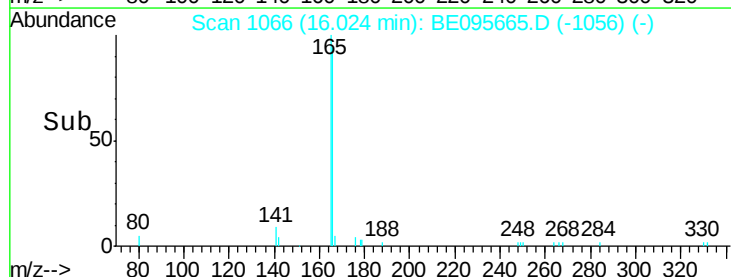
167 13.2 42.4 63.6#

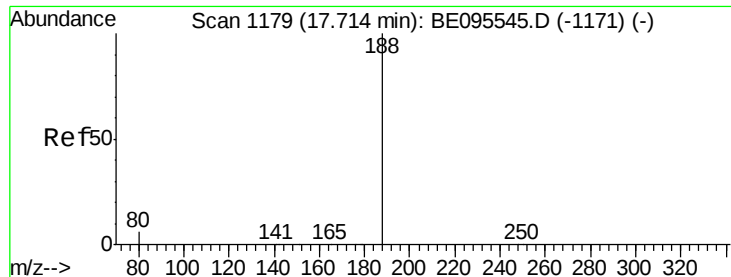


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :

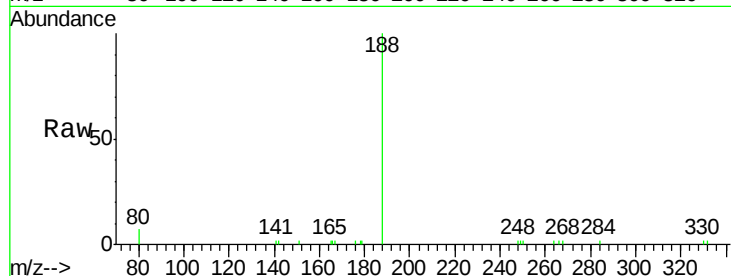
Tot Ion:188 Resp: 4722

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

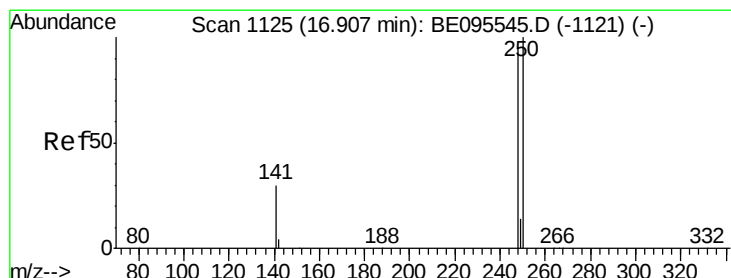
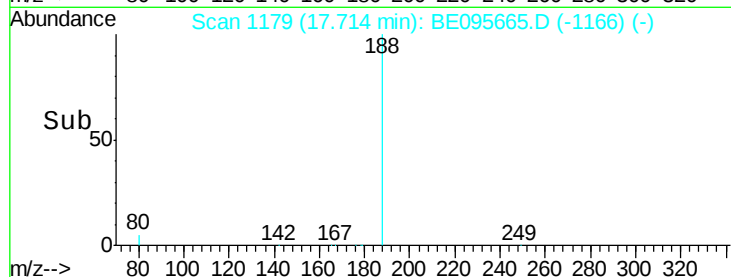
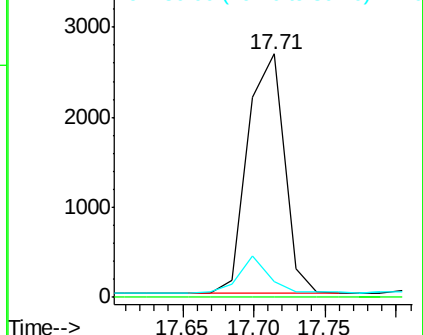
80 6.7 3.6 5.4#



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: 0.35 ng

RT: 16.89 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

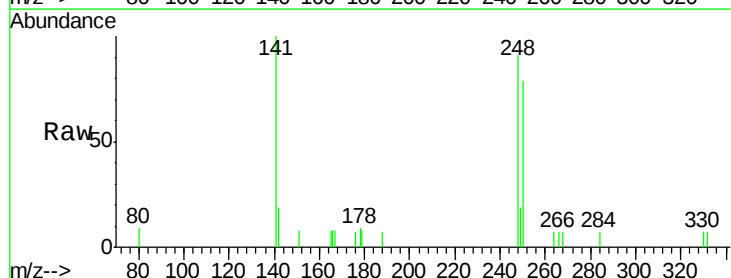
Tgt Ion:248 Resp: 987

Ion Ratio Lower Upper

248 100

250 87.1 62.7 94.1

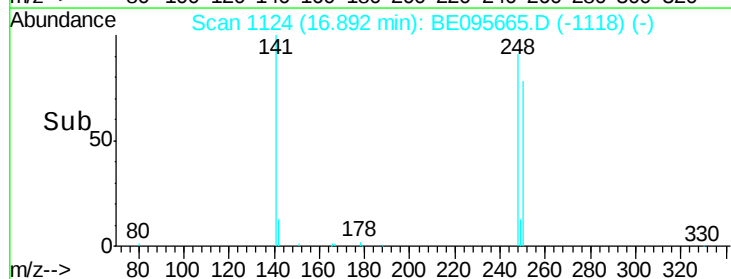
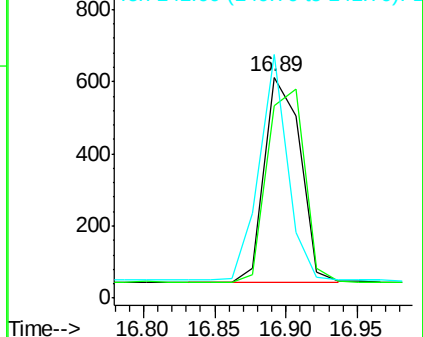
141 110.3 48.2 72.2#

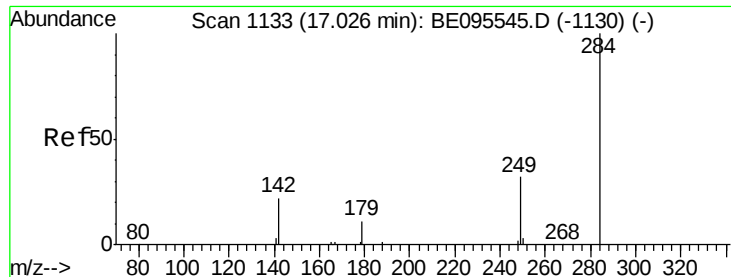


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

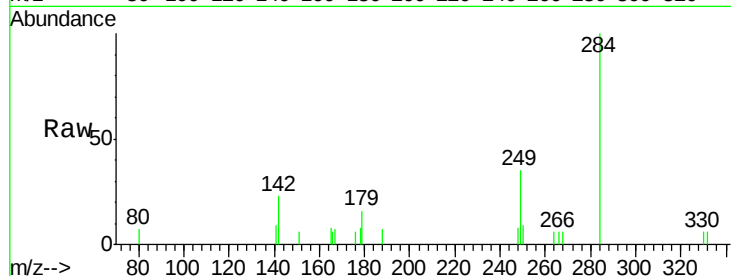




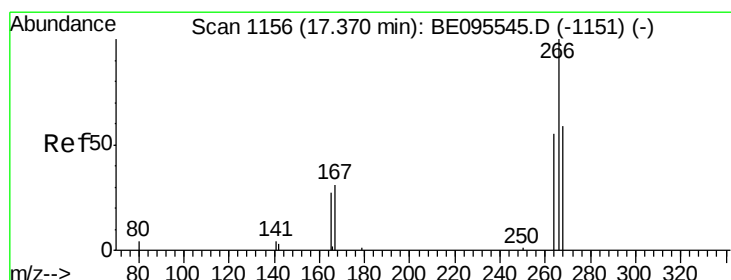
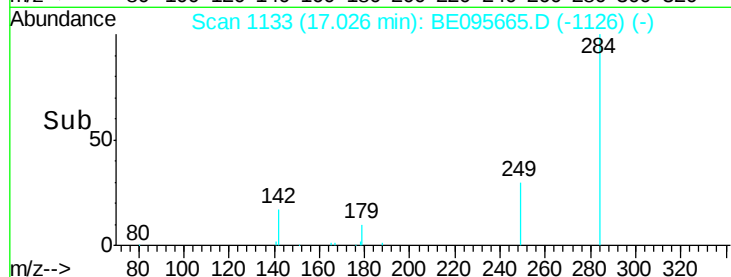
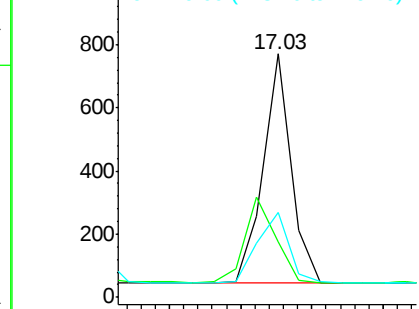
#21
Hexachlorobenzene
Concen: 0.34 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 999
Ion Ratio Lower Upper
284 100
142 40.1 22.1 33.1#
249 34.9 34.8 52.2

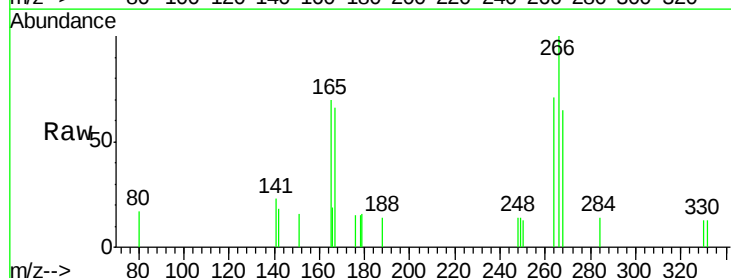


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

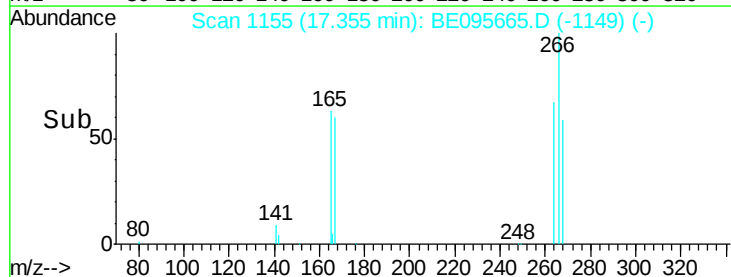
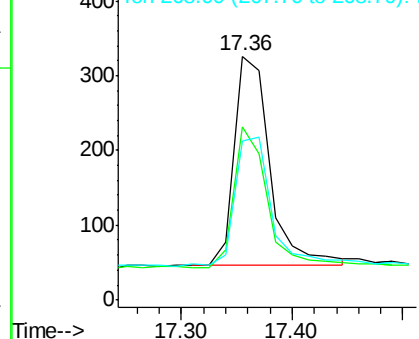


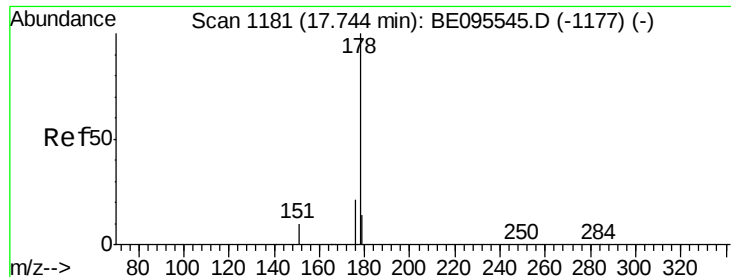
#22
Pentachlorophenol
Concen: 0.68 ng
RT: 17.36 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

Tgt Ion:266 Resp: 626
Ion Ratio Lower Upper
266 100
264 70.9 72.5 108.7#
268 65.0 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: 0.35 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :

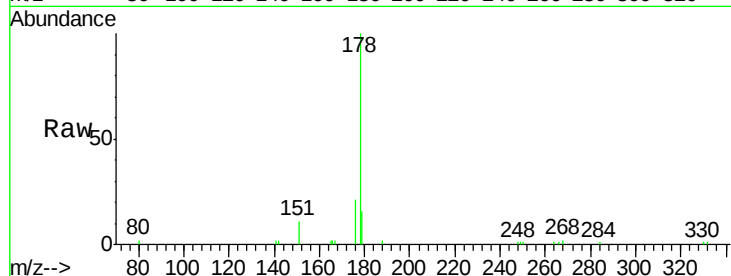
Tot Ion:178 Resp: 5062

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

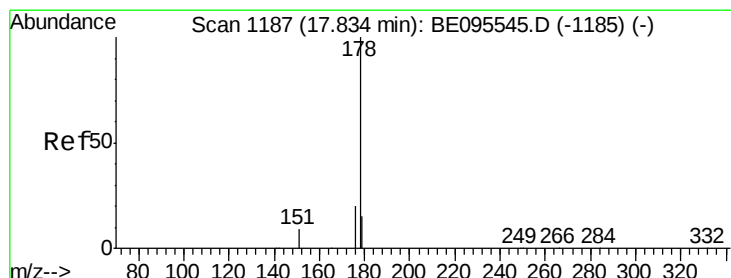
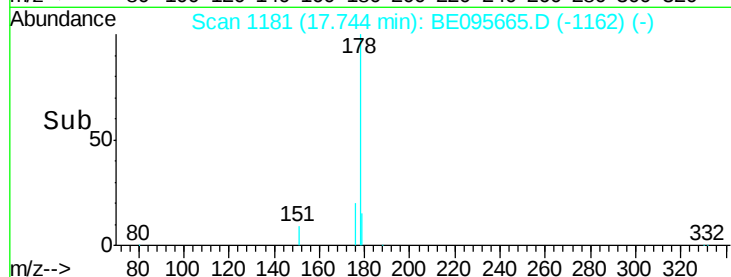
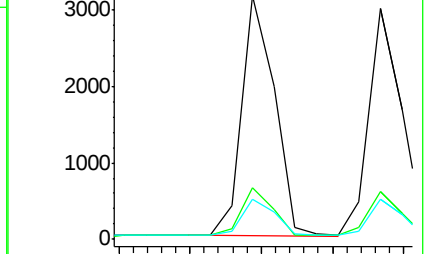
179 16.2 11.8 17.6



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: 0.34 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

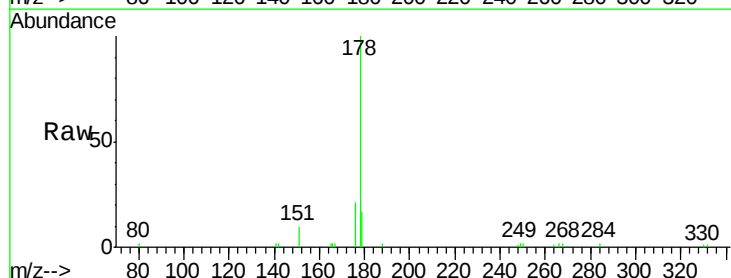
Tgt Ion:178 Resp: 4650

Ion Ratio Lower Upper

178 100

176 19.2 12.8 19.2

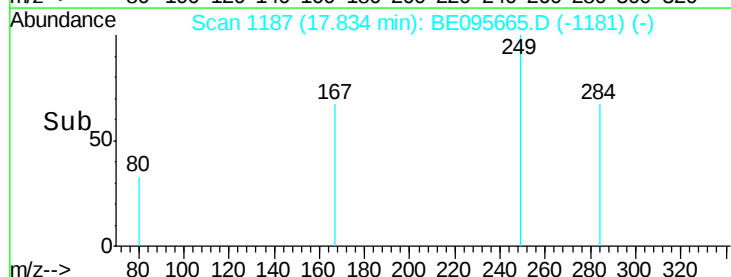
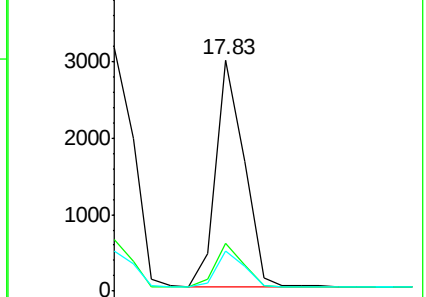
179 15.9 13.0 19.6

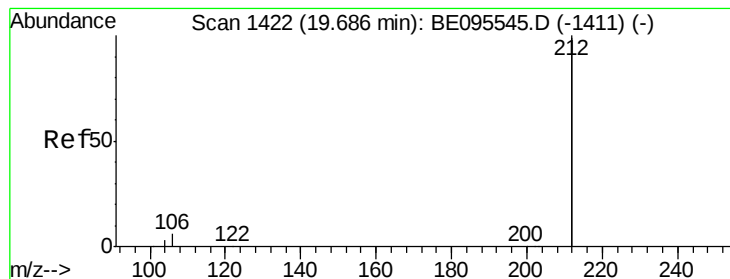


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.37 ng

RT: 19.69 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :

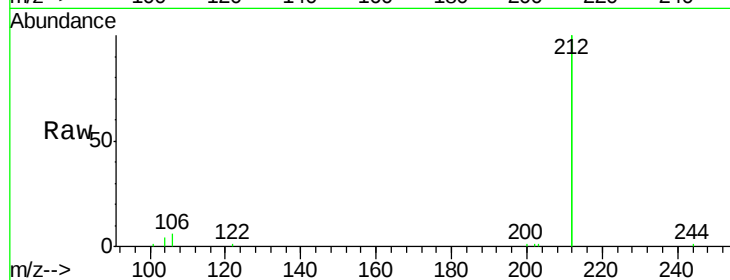
Tot Ion:212 Resp: 23284

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

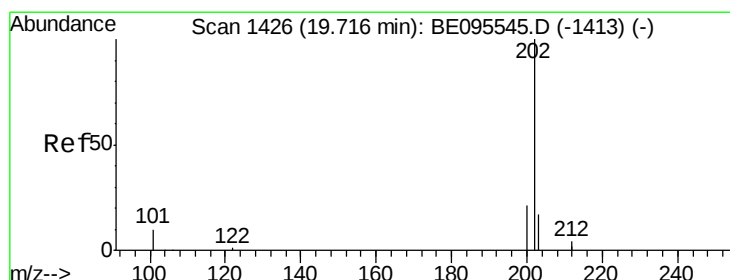
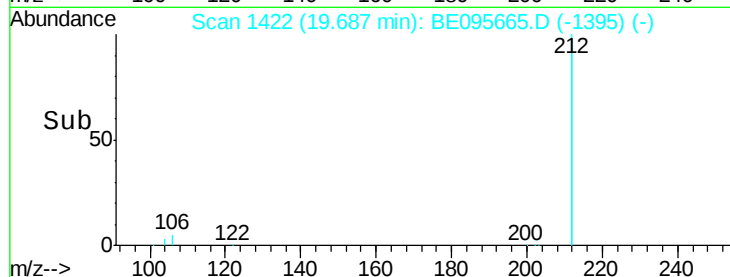
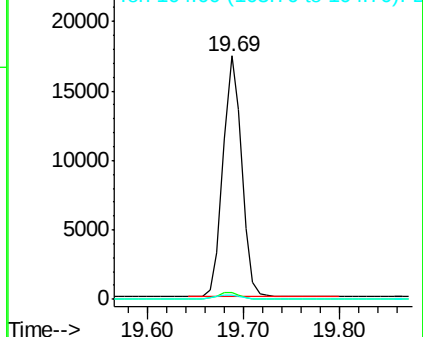
104 1.6 1.6 2.4



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: 0.35 ng

RT: 19.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

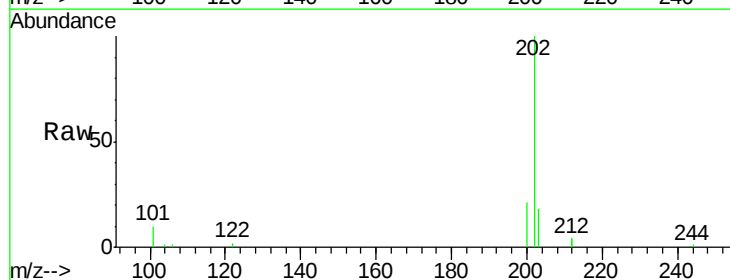
Tgt Ion:202 Resp: 6474

Ion Ratio Lower Upper

202 100

101 10.1 9.8 14.8

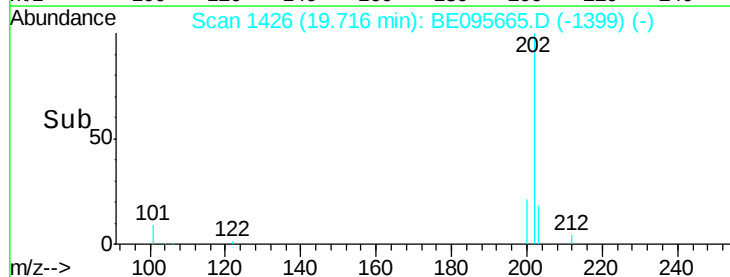
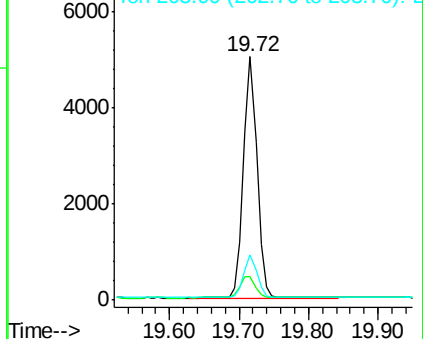
203 17.9 13.7 20.5

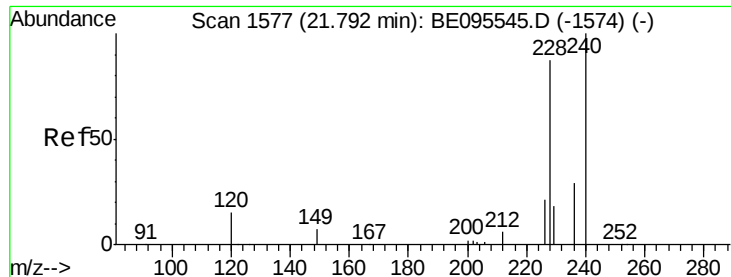


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

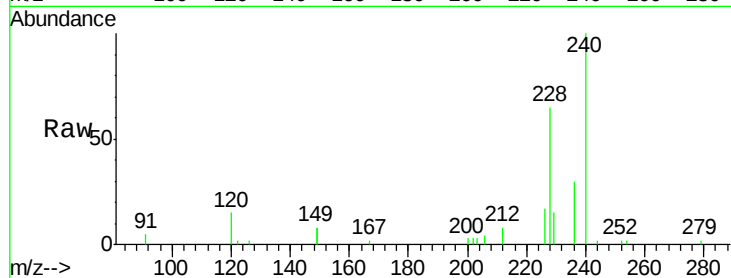




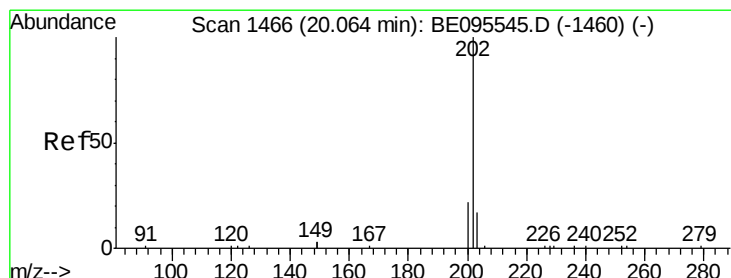
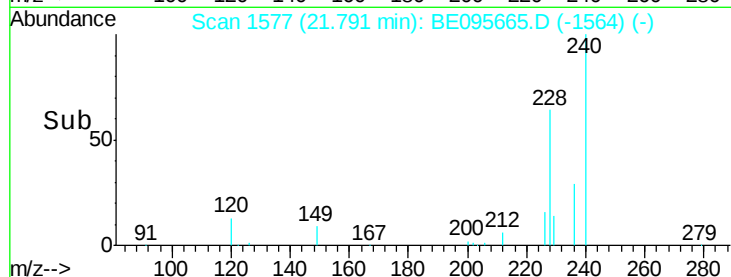
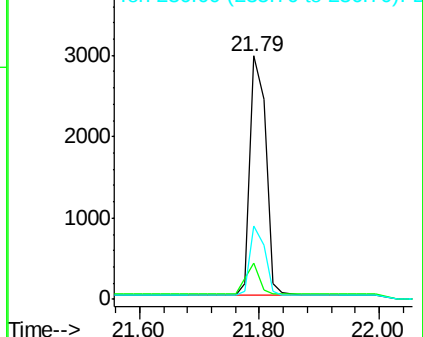
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 5378
Ion Ratio Lower Upper
240 100
120 14.7 5.5 8.3#
236 30.4 20.7 31.1

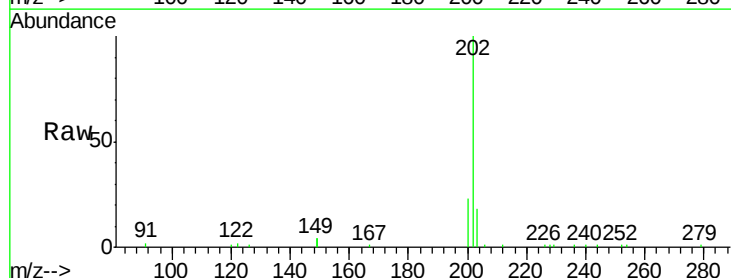


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

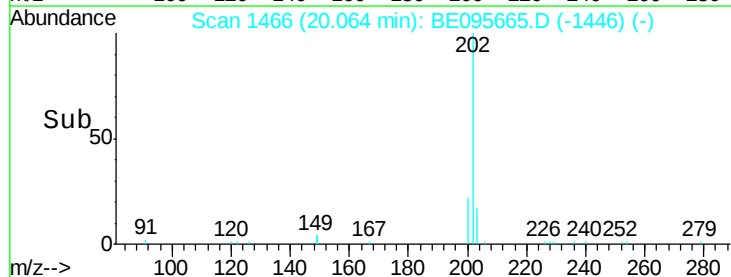
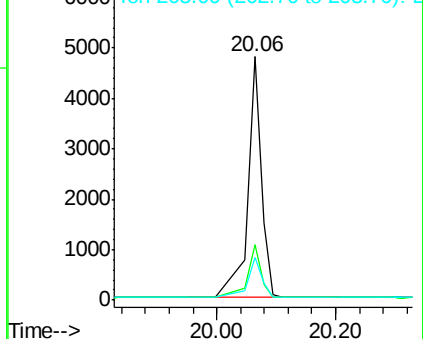


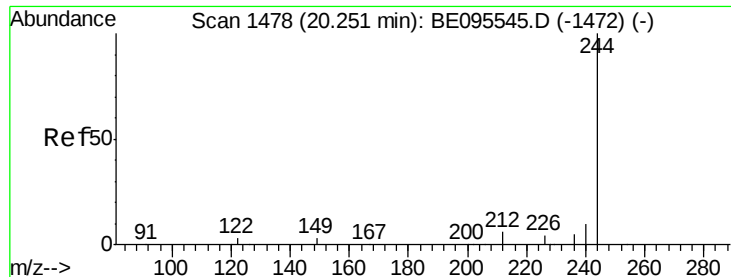
#28
Pyrene
Concen: 0.28 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

Tgt Ion:202 Resp: 6293
Ion Ratio Lower Upper
202 100
200 23.1 16.6 25.0
203 19.6 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: 0.38 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :

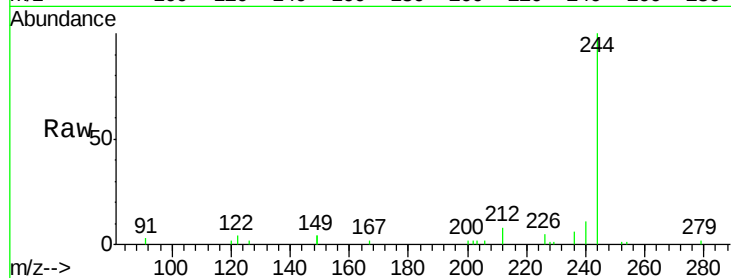
Tot Ion:244 Resp: 4331

Ion Ratio Lower Upper

244 100

212 8.0 25.4 38.0#

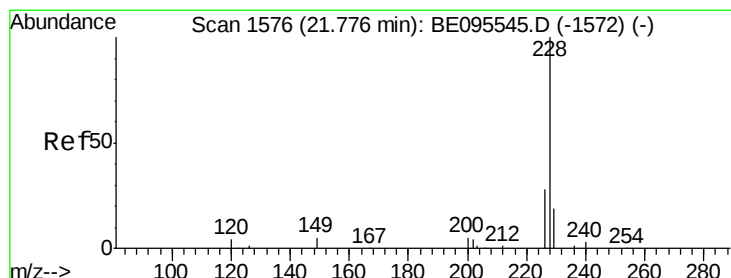
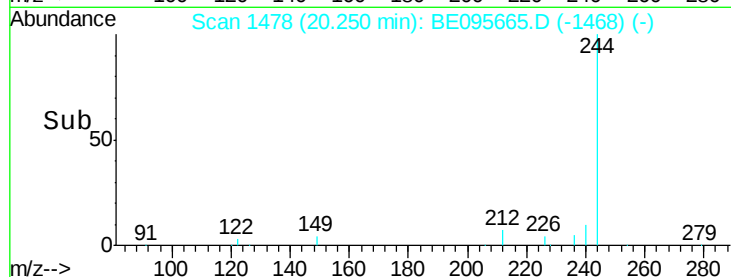
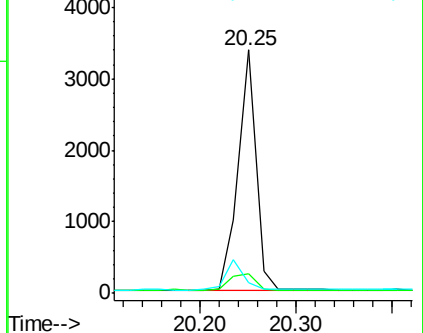
122 4.3 8.1 12.1#



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: 0.35 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

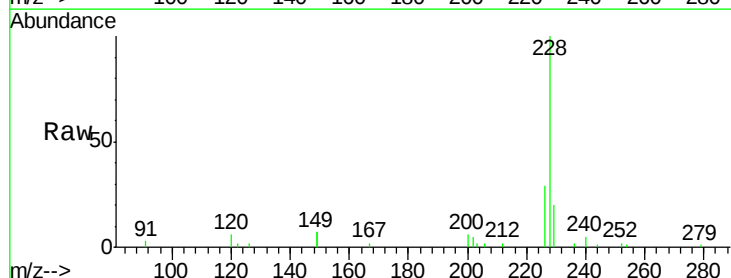
Tgt Ion:228 Resp: 6265

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

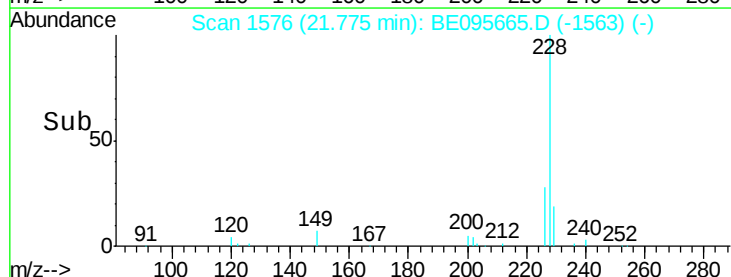
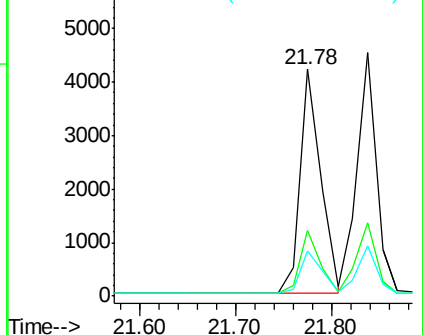
229 19.8 16.0 24.0

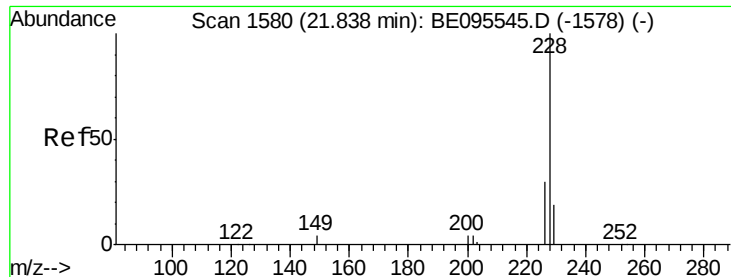


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.36 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

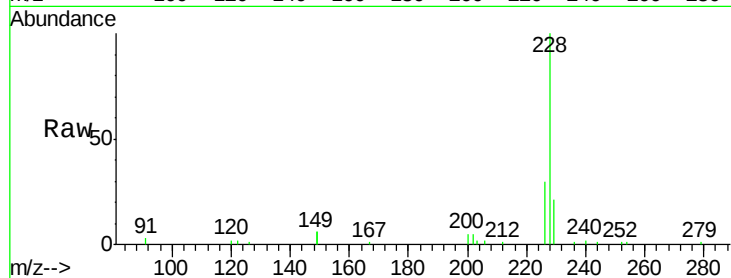
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 6295

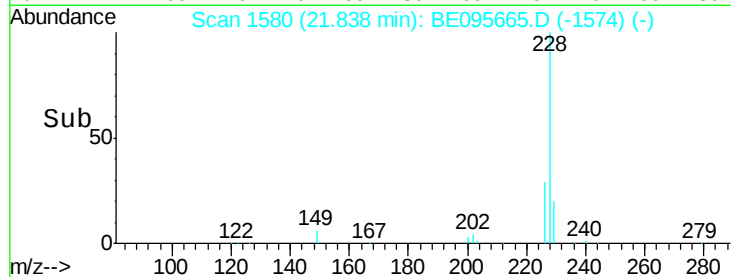
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.6	16.0	24.0



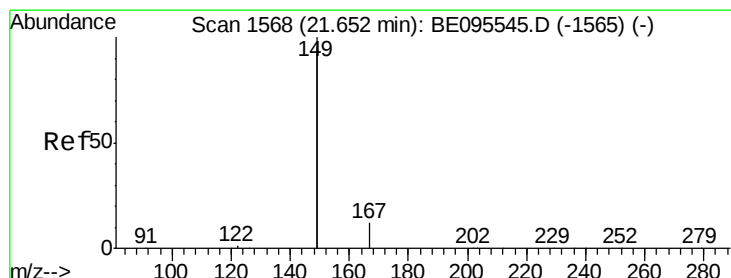
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.32 ng

RT: 21.65 min Scan# 1568

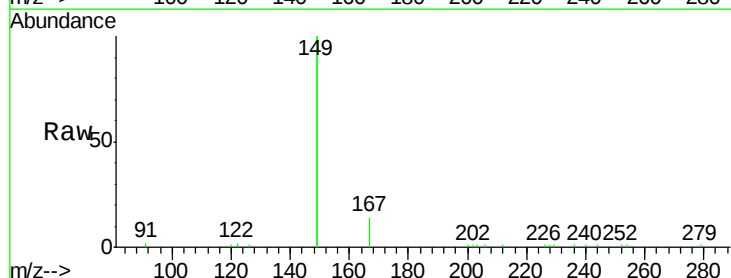
Delta R.T. -0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Tgt Ion:149 Resp: 13103

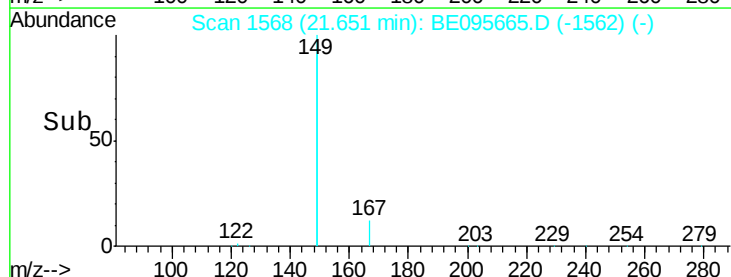
Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.0	0.7	1.1



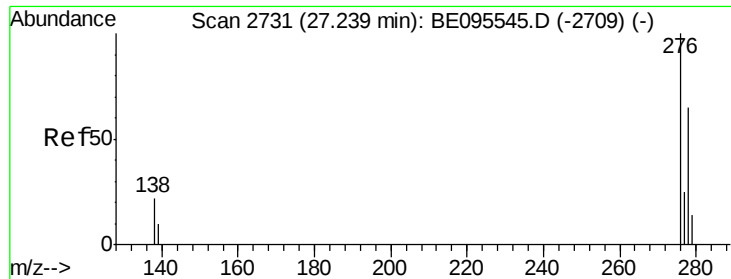
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



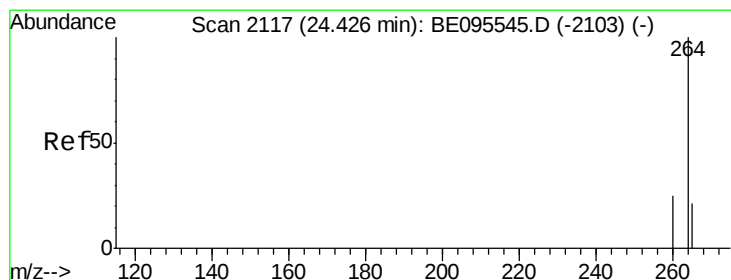
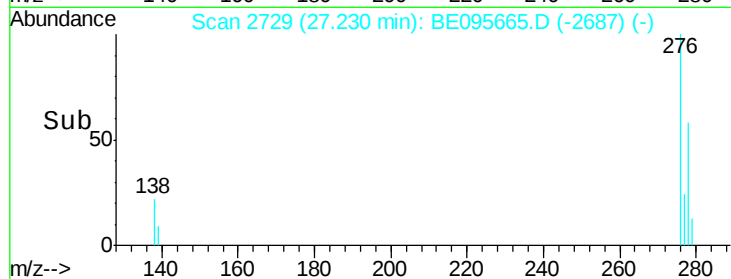
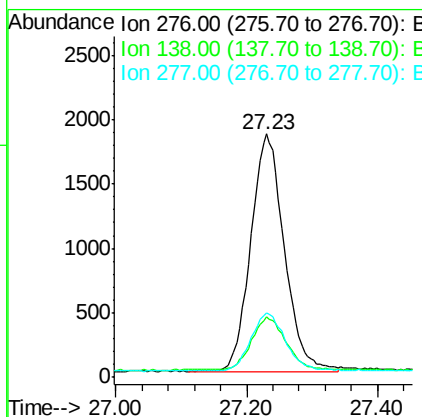
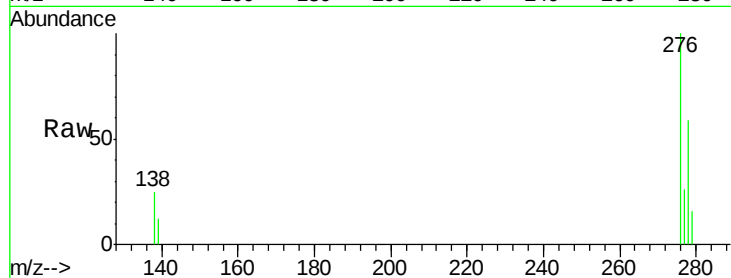
Time-->



#33
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 27.23 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

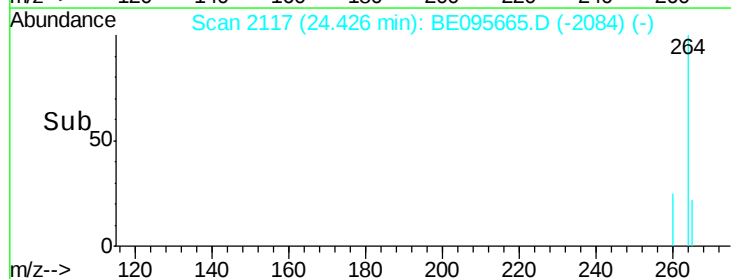
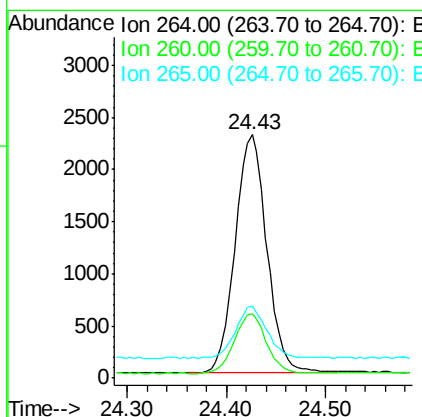
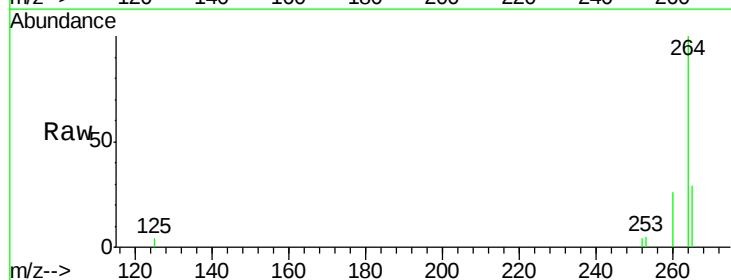
Instrument :
BNA_E
ClientSampleId :

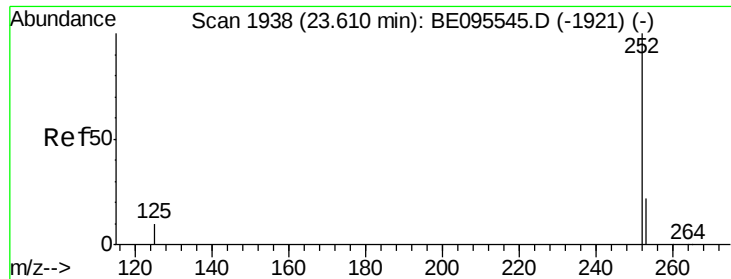
Tot Ion:276 Resp: 6538
Ion Ratio Lower Upper
276 100
138 22.8 22.5 33.7
277 24.9 19.9 29.9



#34
Perylene-d12
Concen: 0.40 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE095665.D
Acq: 12 Feb 2018 17:20

Tgt Ion:264 Resp: 5105
Ion Ratio Lower Upper
264 100
260 26.2 20.5 30.7
265 29.4 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.35 ng

RT: 23.61 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :

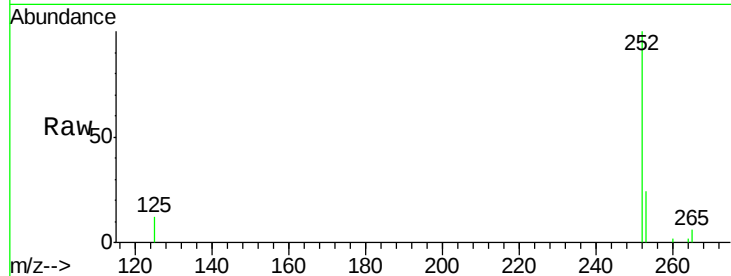
Tot Ion:252 Resp: 6117

Ion Ratio Lower Upper

252 100

253 24.5 20.0 30.0

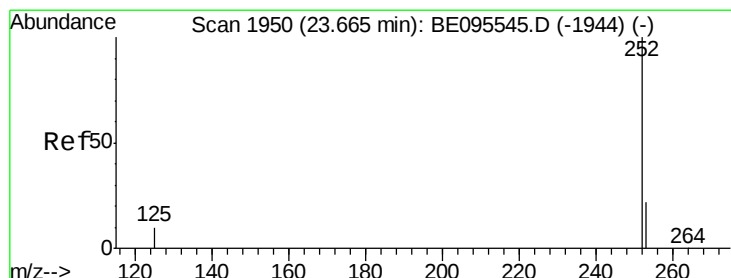
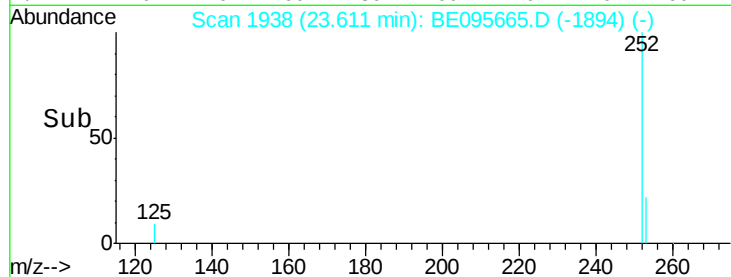
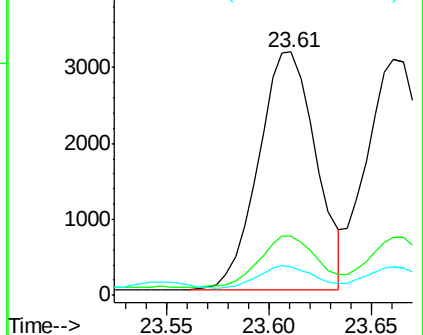
125 11.7 16.0 24.0#



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: 0.34 ng

RT: 23.66 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

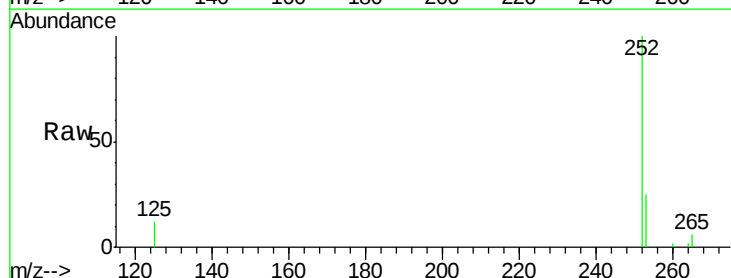
Tgt Ion:252 Resp: 6077

Ion Ratio Lower Upper

252 100

253 24.6 16.0 24.0#

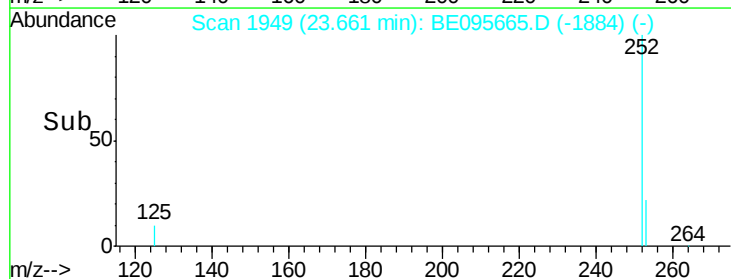
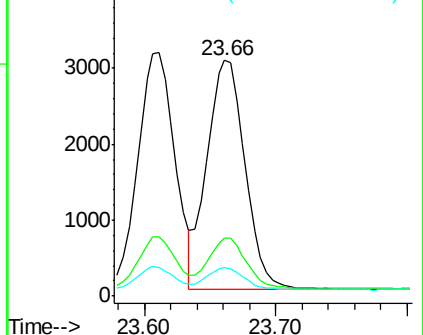
125 12.2 8.0 12.0#

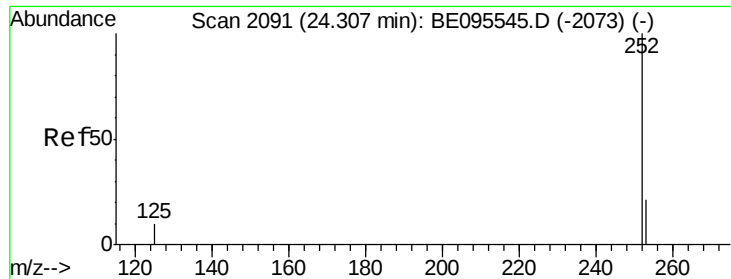


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.35 ng

RT: 24.30 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :

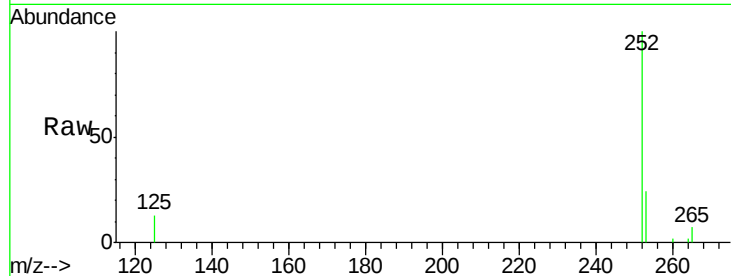
Tot Ion:252 Resp: 5739

Ion Ratio Lower Upper

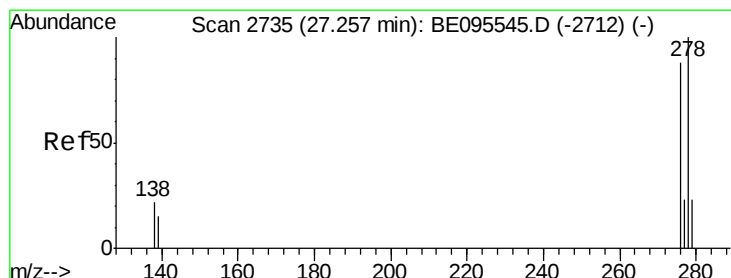
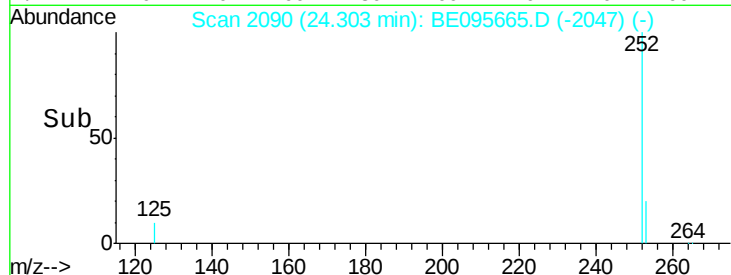
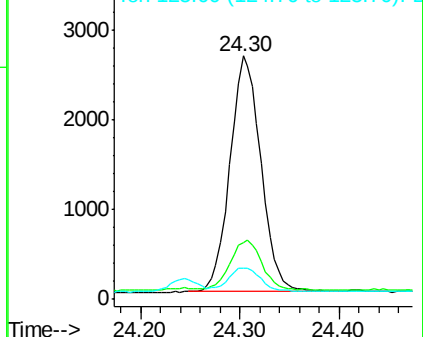
252 100

253 23.5 16.0 24.0

125 12.9 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: 0.38 ng

RT: 27.25 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

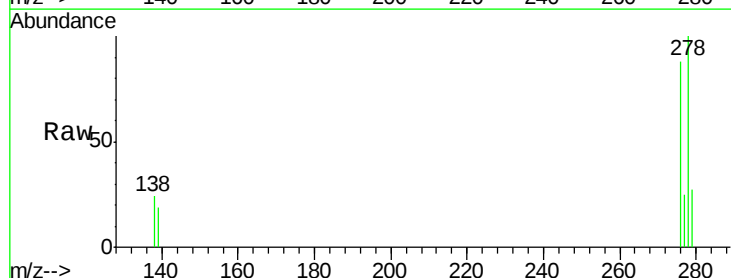
Tgt Ion:278 Resp: 5352

Ion Ratio Lower Upper

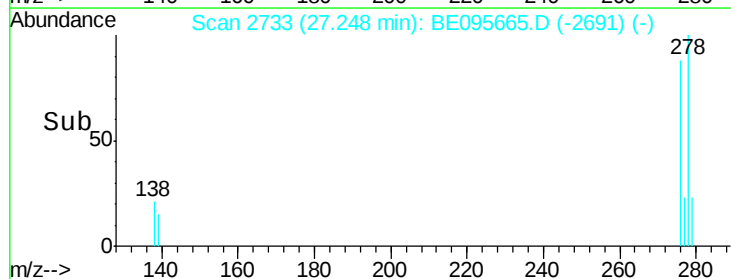
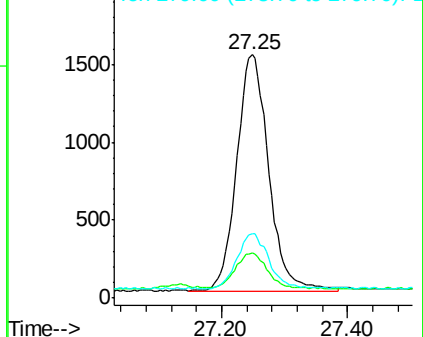
278 100

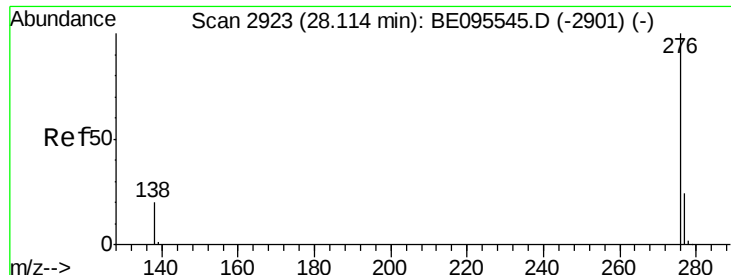
139 18.6 16.0 24.0

279 26.6 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: 0.37 ng

RT: 28.10 min Scan# 2921

Delta R.T. -0.00 min

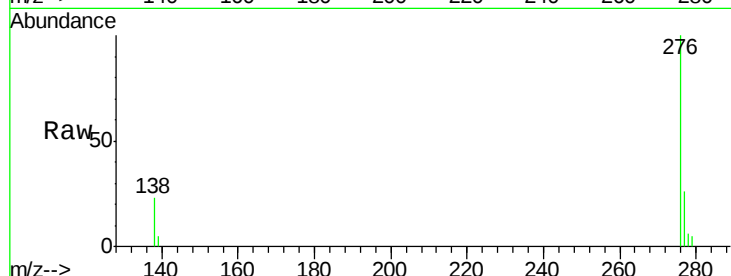
Lab File: BE095665.D

Acq: 12 Feb 2018 17:20

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	5583
Ion Ratio	Lower	Upper	
276	100		
277	26.0	16.0	24.0#
138	23.5	20.0	30.0

