

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE012318\
 Data File : BE095093.D
 Acq On : 23 Jan 2018 12:31
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jan 23 13:21:58 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 13:15:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6139	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	15310	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	8837	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	20705	0.40	ng	0.00
27) Chrysene-d12	21.84	240	20276	0.40	ng	0.00
34) Perylene-d12	24.49	264	17456	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	4022	0.42	ng	0.00
5) Phenol-d6	7.58	99	5992	0.42	ng	0.00
8) Nitrobenzene-d5	9.63	82	5287	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	10065	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	849	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	15479	0.40	ng	0.00
25) Fluoranthene-d10	19.72	212	101326	0.38	ng	0.00
29) Terphenyl-d14	20.28	244	16939	0.44	ng	0.00

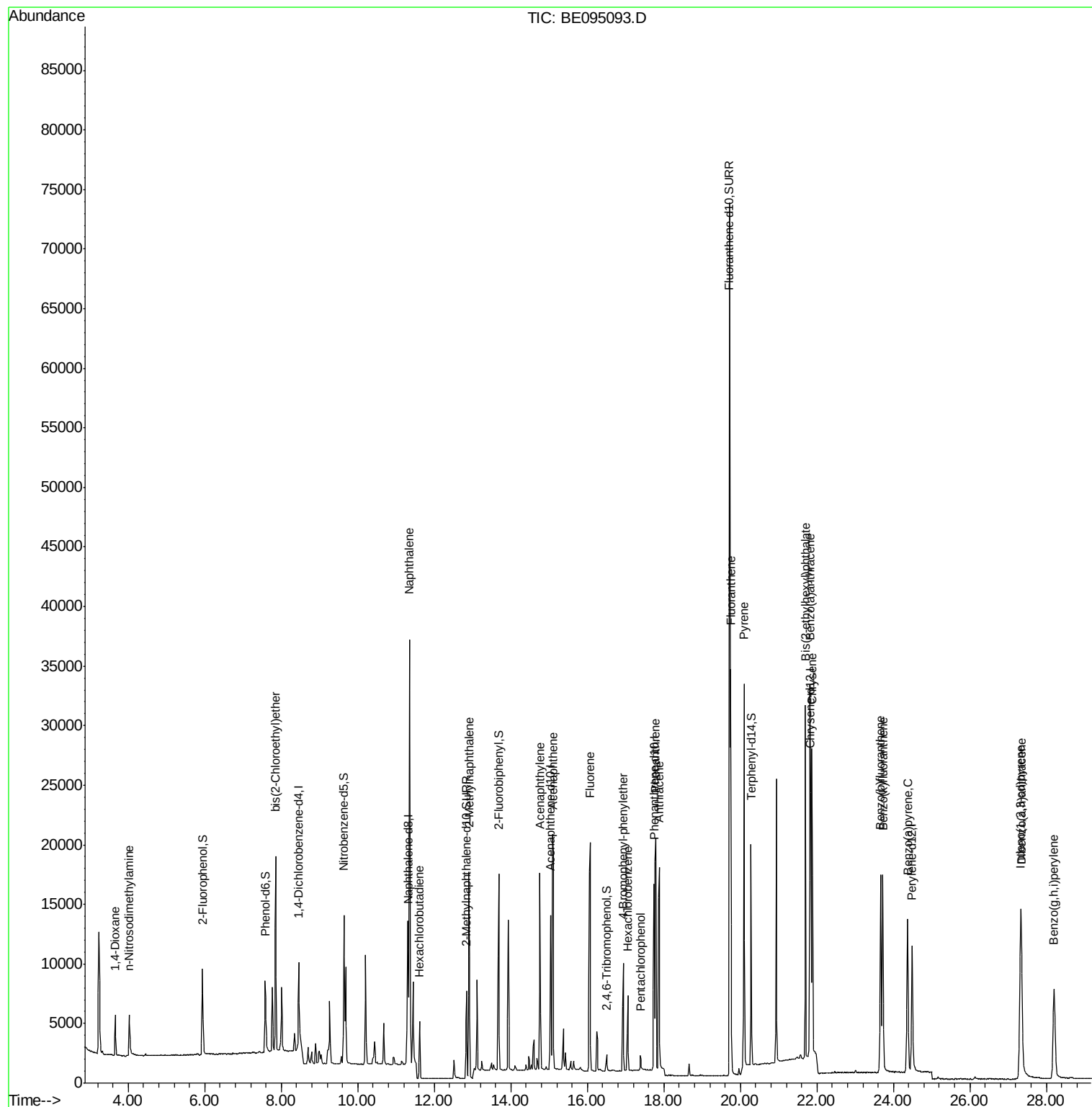
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	2431	0.402	ng	# 88
3) n-Nitrosodimethylamine	4.02	42	2929	0.410	ng	95
6) bis(2-Chloroethyl)ether	7.86	93	5854	0.424	ng	90
9) Naphthalene	11.34	128	69898	0.389	ng	99
10) Hexachlorobutadiene	11.61	225	3124	0.382	ng	96
12) 2-Methylnaphthalene	12.91	142	11918	0.266	ng	96
16) Acenaphthylene	14.76	152	18328	0.388	ng	99
17) Acenaphthene	15.10	154	12131	0.387	ng	95
18) Fluorene	16.07	166	15099	0.388	ng	# 78
20) 4-Bromophenyl-phenylether	16.94	248	4825	0.398	ng	# 75
21) Hexachlorobenzene	17.06	284	4806	0.388	ng	# 82
22) Pentachlorophenol	17.38	266	920	0.388	ng	# 70
23) Phenanthrene	17.79	178	25391	0.394	ng	99
24) Anthracene	17.88	178	22193	0.335	ng	96
26) Fluoranthene	19.75	202	30121	0.378	ng	98
28) Pyrene	20.10	202	35024	0.510	ng	97
30) Benzo(a)anthracene	21.82	228	26444	0.446	ng	96
31) Chrysene	21.87	228	24290	0.364	ng	98
32) Bis(2-ethylhexyl)phthalate	21.70	149	34140	0.452	ng	100
33) Indeno(1,2,3-cd)pyrene	27.32	276	24087	0.444	ng	97
35) Benzo(b)fluoranthene	23.67	252	24694	0.385	ng	# 89
36) Benzo(k)fluoranthene	23.72	252	24816	0.382	ng	96
37) Benzo(a)pyrene	24.37	252	22721	0.399	ng	94
38) Dibenzo(a,h)anthracene	27.34	278	19086	0.362	ng	97
39) Benzo(g,h,i)perylene	28.20	276	20221	0.385	ng	# 94

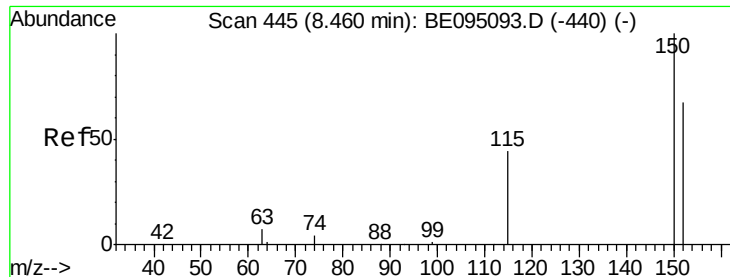
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012318\
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QLast Update : Tue Jan 23 13:15:11 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

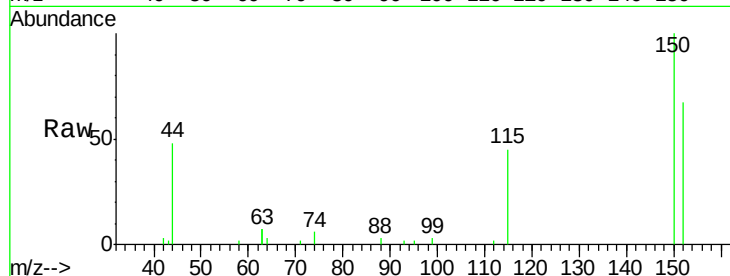
Tgt Ion:152 Resp: 6139

Ion Ratio Lower Upper

152 100

150 148.9 117.2 175.8

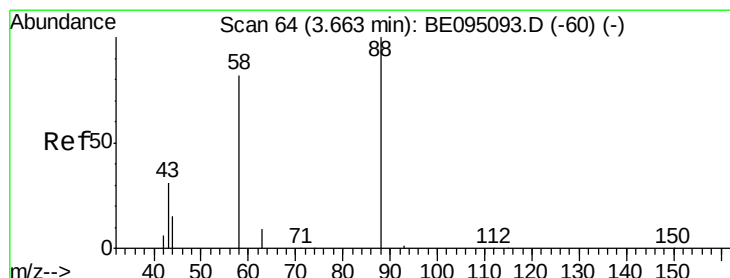
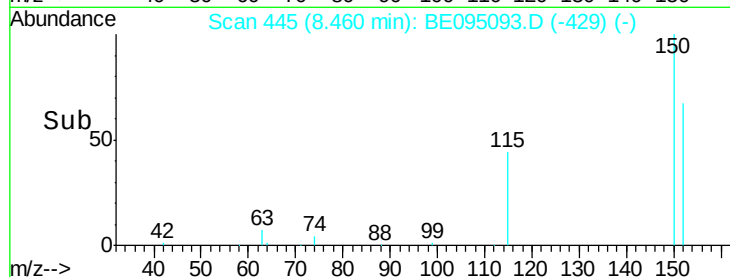
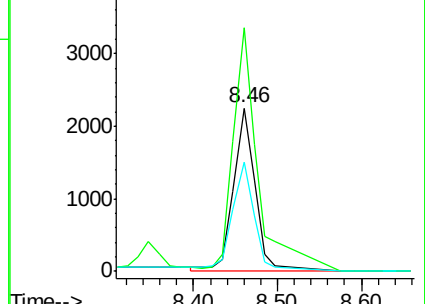
115 66.8 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.402 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

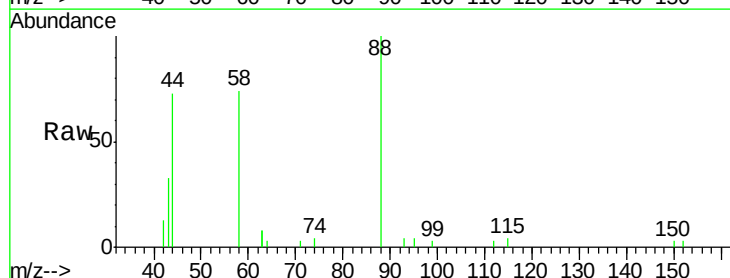
Tgt Ion: 88 Resp: 2431

Ion Ratio Lower Upper

88 100

58 79.3 63.2 94.8

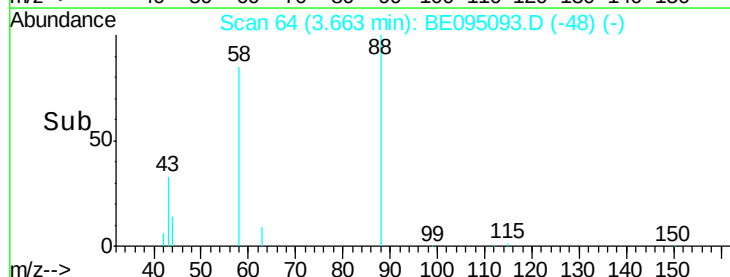
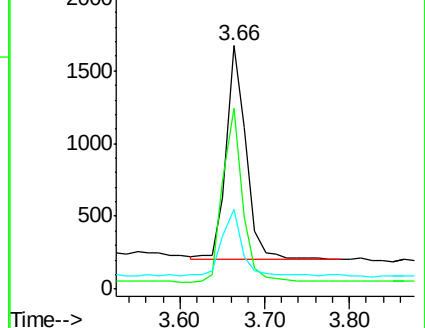
43 29.8 41.2 61.8#

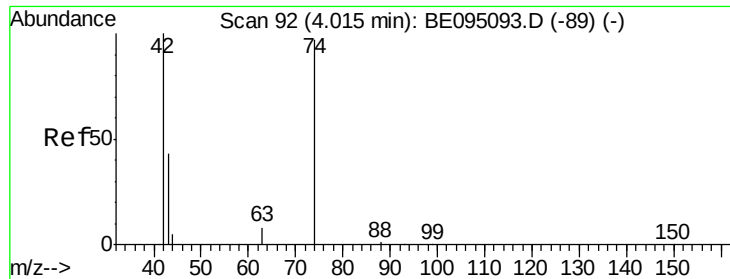


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

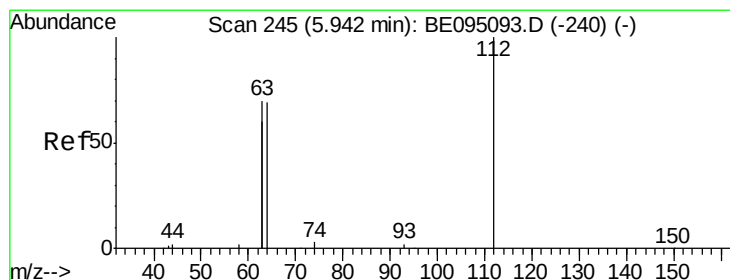
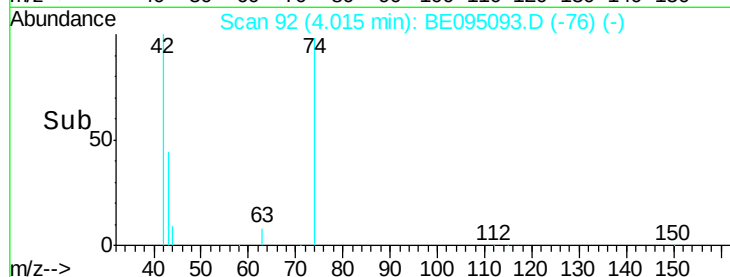
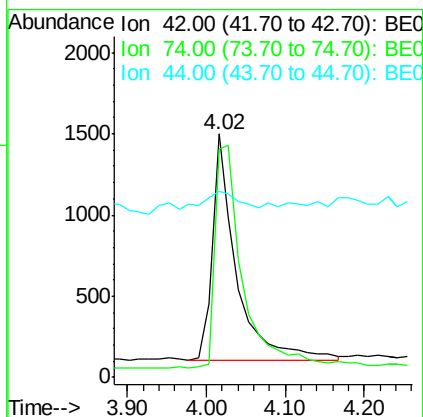
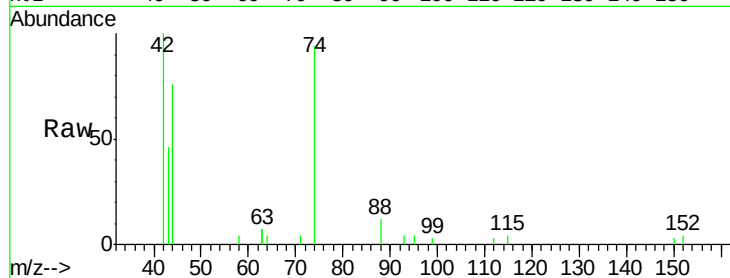




#3
n-Nitrosodimethylamine
Concen: 0.410 ng
RT: 4.02 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE095093.D
Acq: 23 Jan 2018 12:31

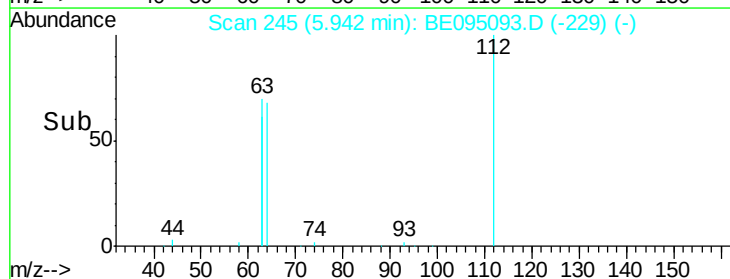
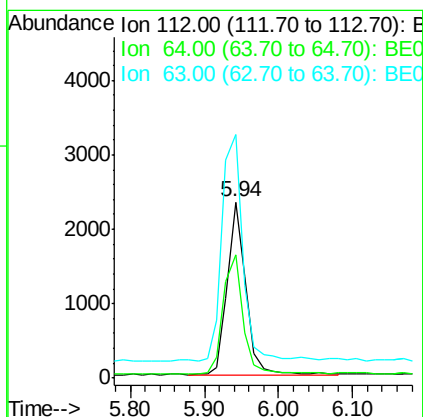
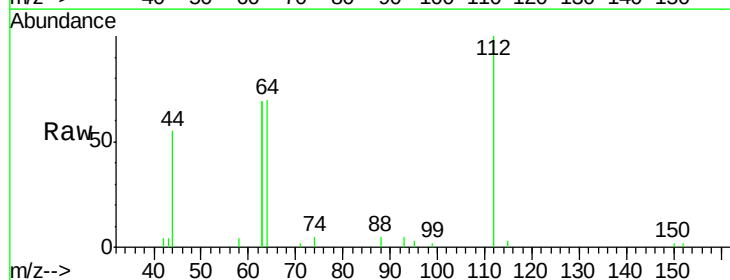
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

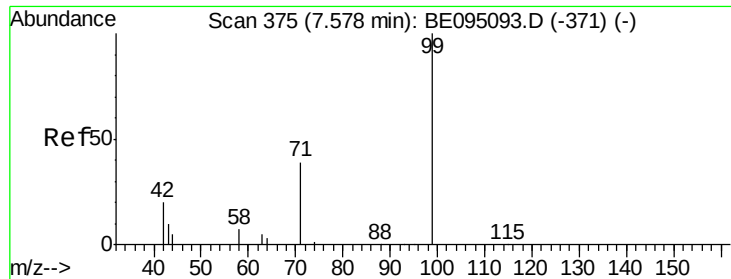
Tgt Ion: 42 Resp: 2929
Ion Ratio Lower Upper
42 100
74 115.3 96.0 144.0
44 12.0 12.0 18.0



#4
2-Fluorophenol
Concen: 0.422 ng
RT: 5.94 min Scan# 245
Delta R.T. 0.00 min
Lab File: BE095093.D
Acq: 23 Jan 2018 12:31

Tgt Ion: 112 Resp: 4022
Ion Ratio Lower Upper
112 100
64 74.4 60.1 90.1
63 147.2 116.8 175.2





#5

Phenol-d6

Concen: 0.423 ng

RT: 7.58 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

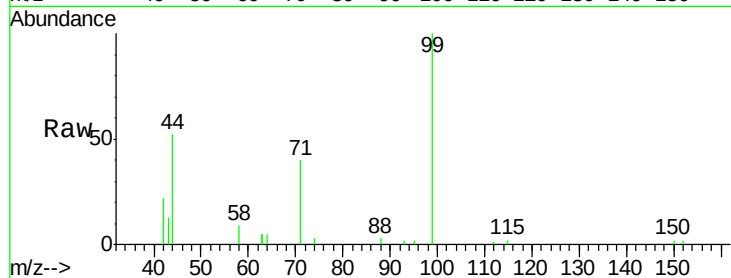
Tgt Ion: 99 Resp: 5992

Ion Ratio Lower Upper

99 100

42 22.6 20.2 30.2

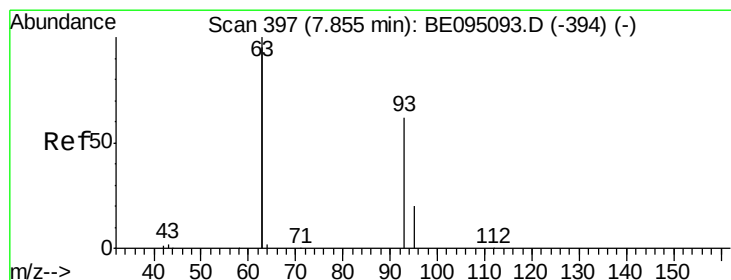
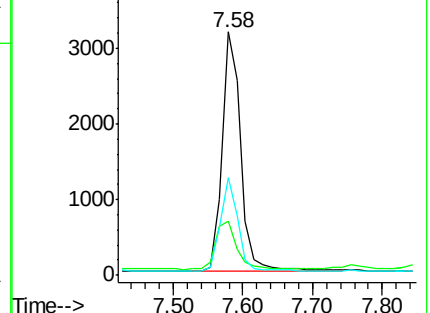
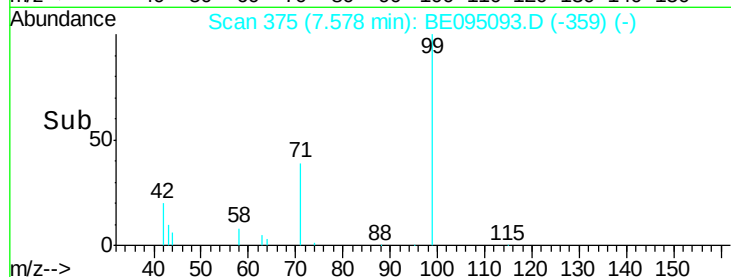
71 36.9 28.4 42.6



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: 0.424 ng

RT: 7.86 min Scan# 397

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

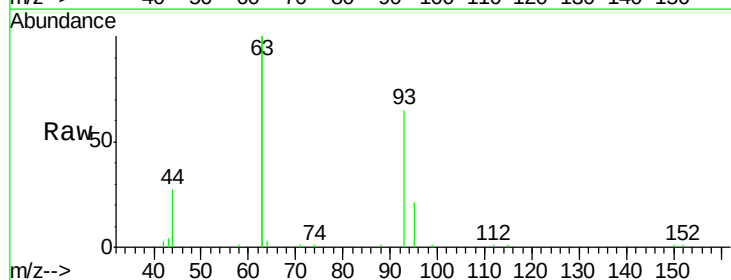
Tgt Ion: 93 Resp: 5854

Ion Ratio Lower Upper

93 100

63 319.7 275.3 412.9

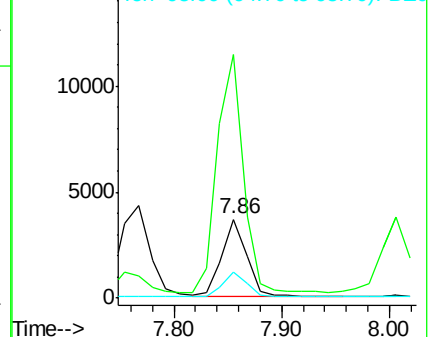
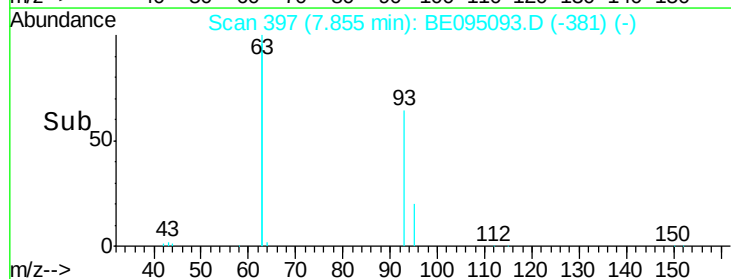
95 30.9 25.2 37.8

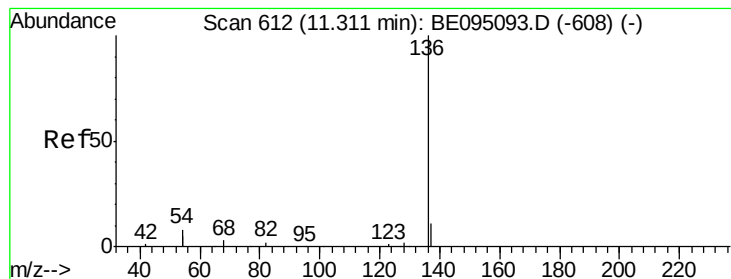


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 15310

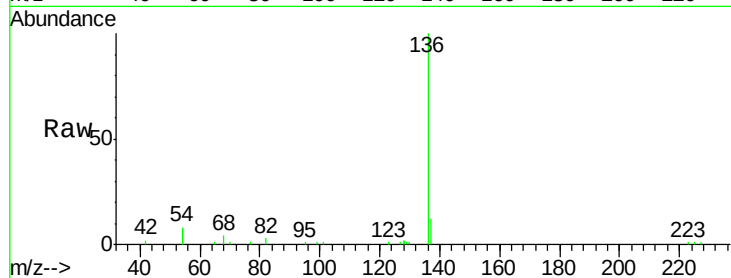
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 16.7 29.1 43.7#

68 3.8 6.2 9.2#



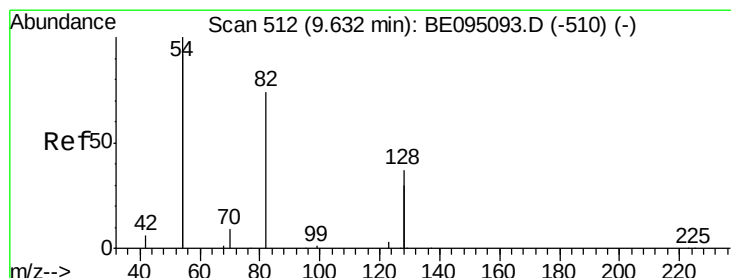
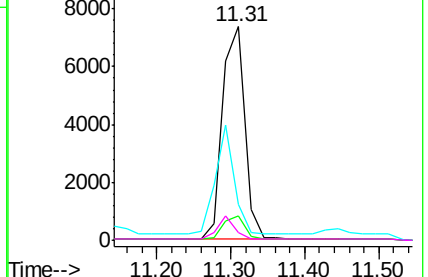
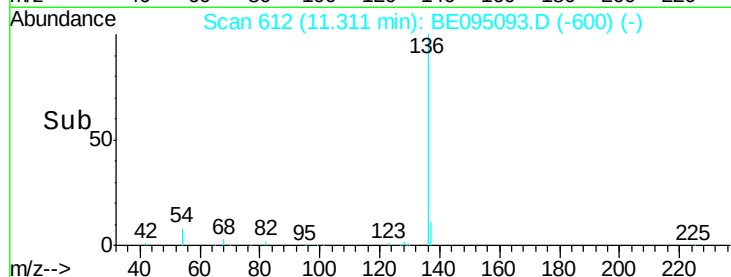
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 0.421 ng

RT: 9.63 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

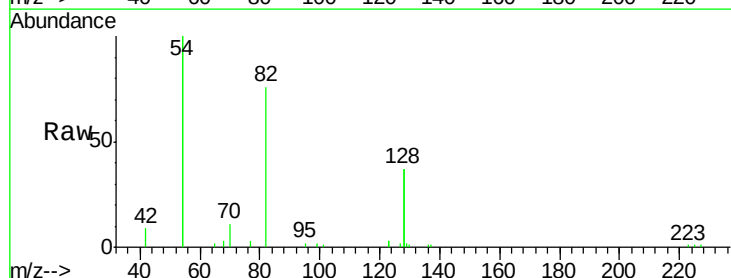
Tgt Ion: 82 Resp: 5287

Ion Ratio Lower Upper

82 100

128 96.7 150.0 225.0#

54 261.8 154.2 231.4#

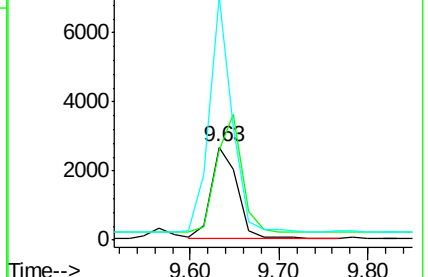
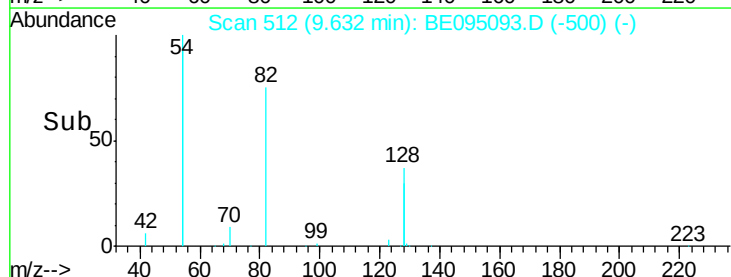


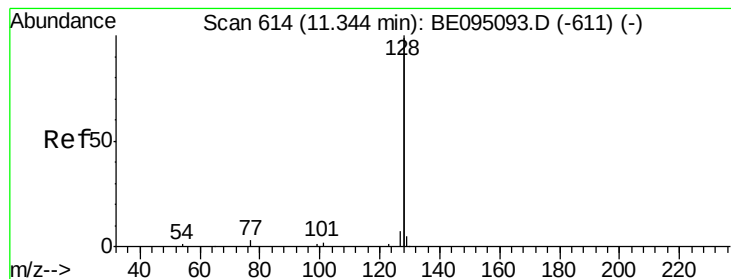
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->





#9

Naphthalene

Concen: 0.389 ng

RT: 11.34 min Scan# 614

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

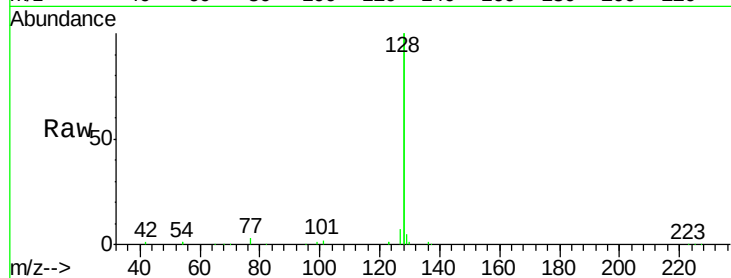
Tgt Ion:128 Resp: 69898

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

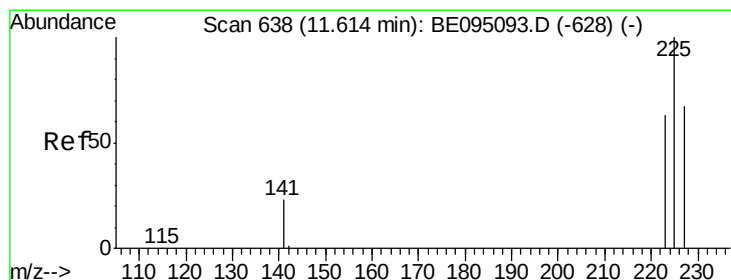
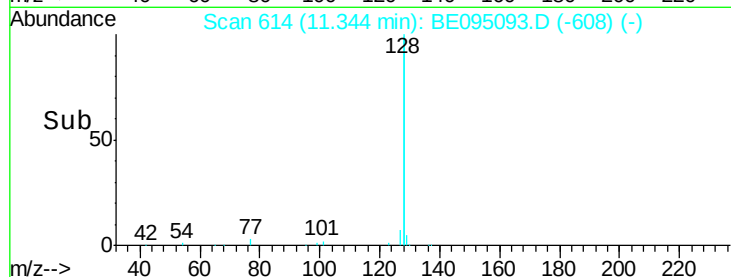
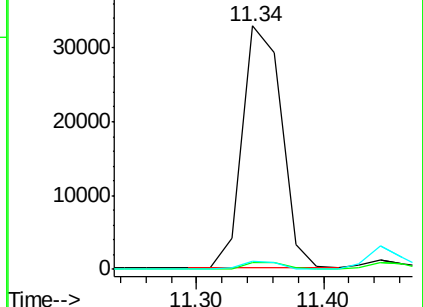
127 3.6 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 0.382 ng

RT: 11.61 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

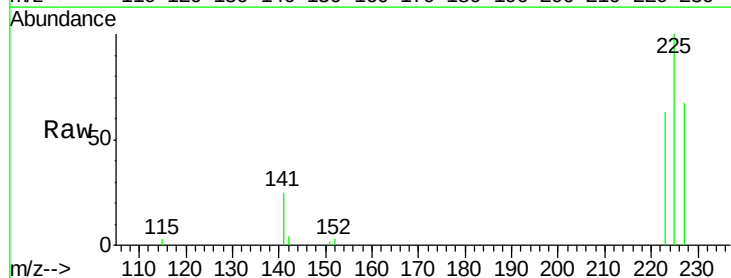
Tgt Ion:225 Resp: 3124

Ion Ratio Lower Upper

225 100

223 61.4 53.0 79.6

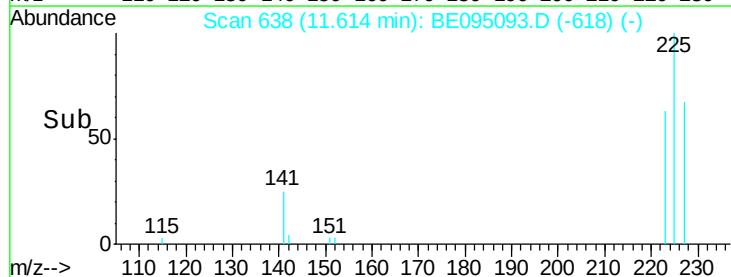
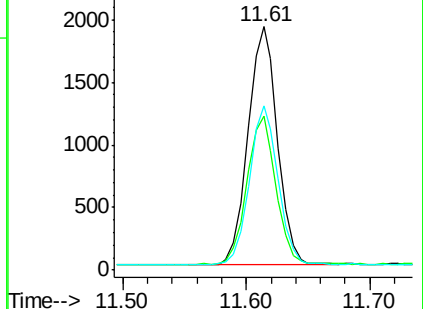
227 65.2 51.4 77.2

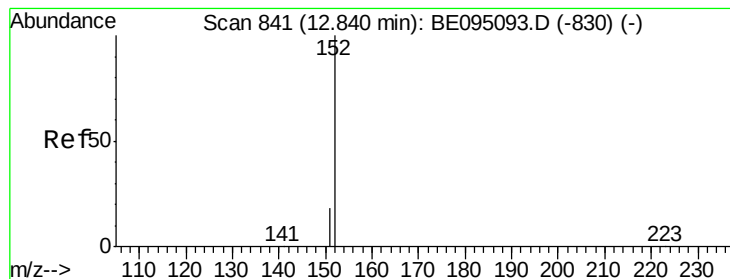


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 12.84 min Scan# 841

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

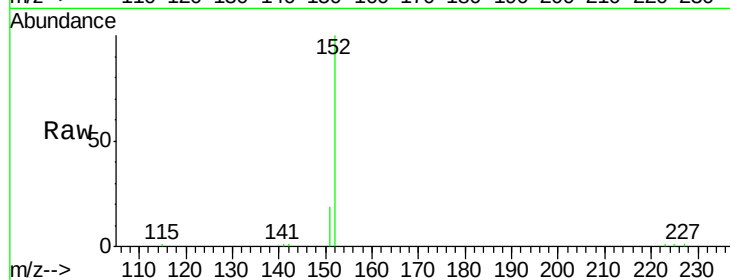
SSTDICCC0.4

Tgt Ion:152 Resp: 10065

Ion Ratio Lower Upper

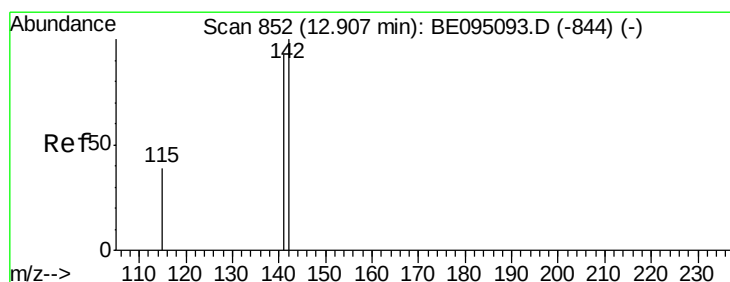
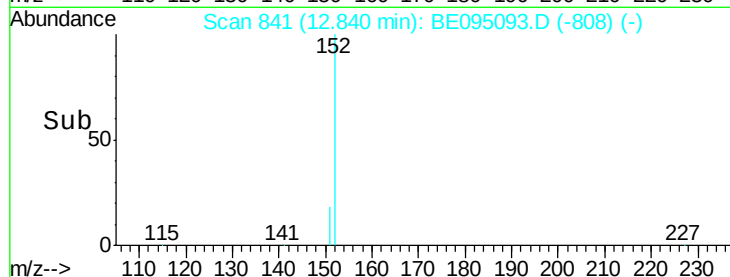
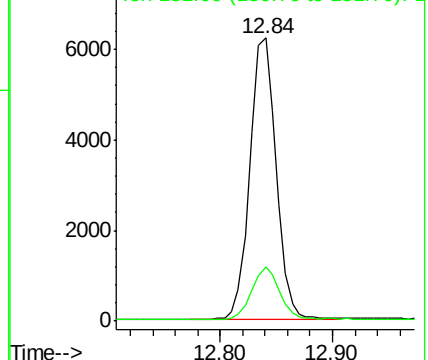
152 100

151 19.3 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: 0.266 ng

RT: 12.91 min Scan# 852

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

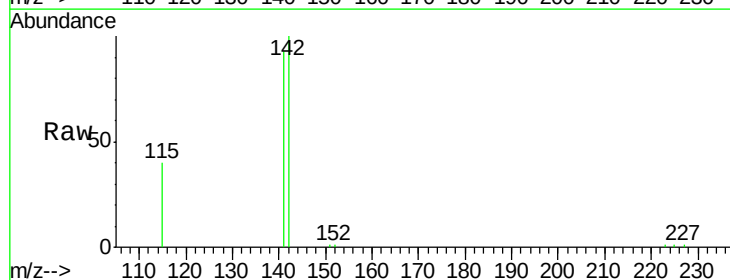
Tgt Ion:142 Resp: 11918

Ion Ratio Lower Upper

142 100

141 92.9 70.4 105.6

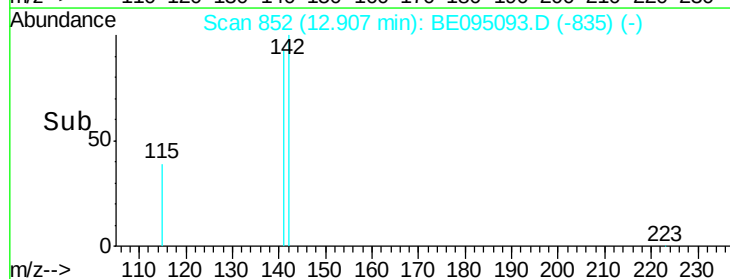
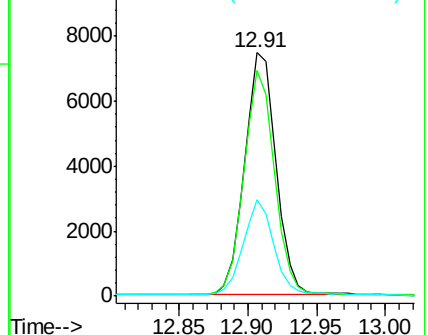
115 39.8 31.7 47.5

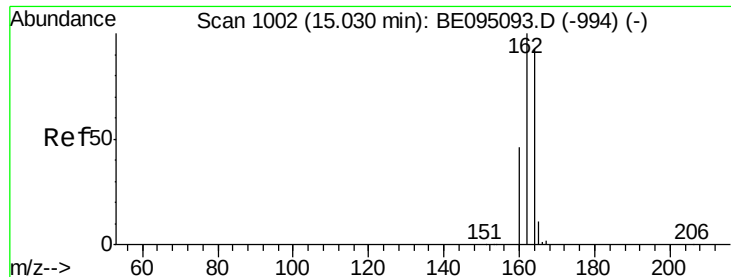


Abundance Ion 142.00 (141.70 to 142.70): E

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: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

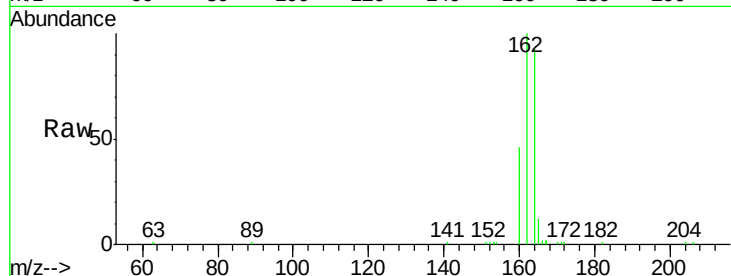
Tgt Ion:164 Resp: 8837

Ion Ratio Lower Upper

164 100

162 107.6 83.1 124.7

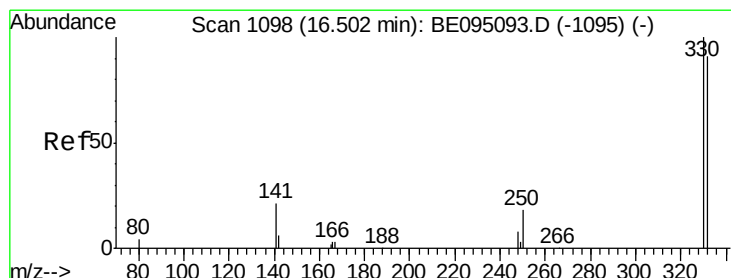
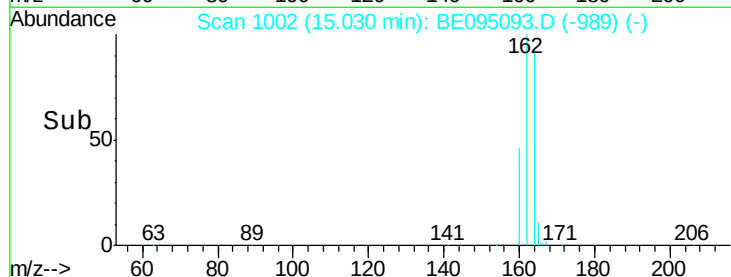
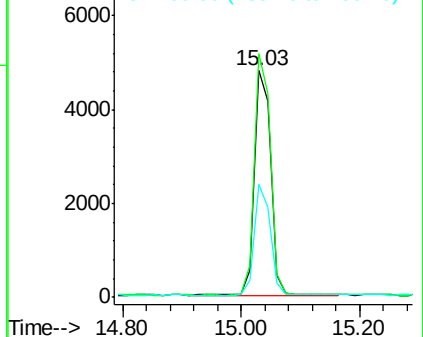
160 49.9 37.1 55.7



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: 0.413 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

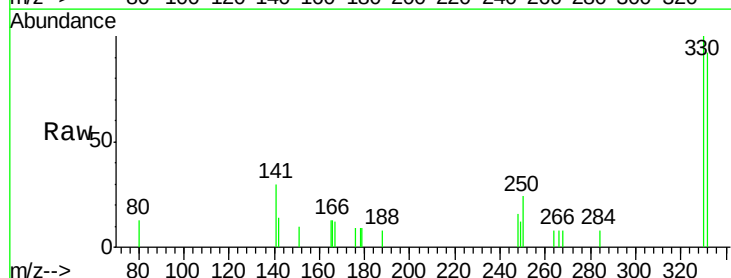
Tgt Ion:330 Resp: 849

Ion Ratio Lower Upper

330 100

332 93.9 152.7 229.1#

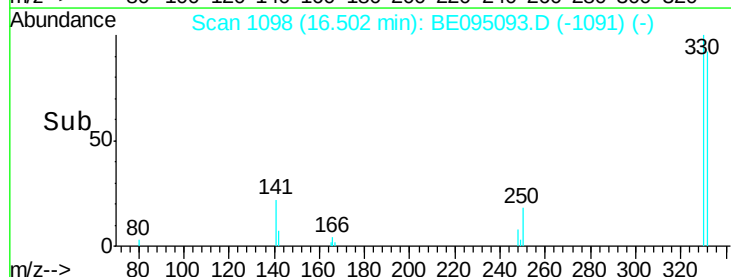
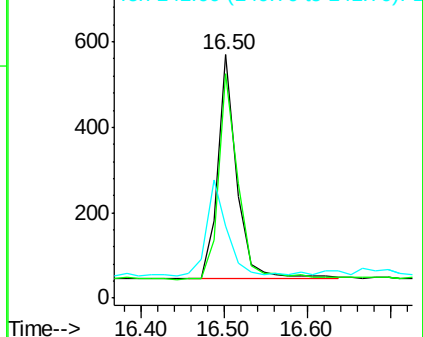
141 45.0 33.7 50.5

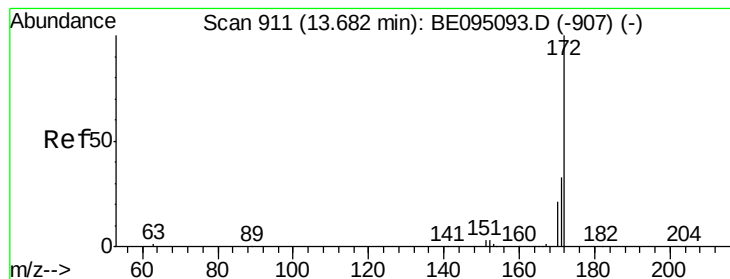


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.395 ng

RT: 13.68 min Scan# 911

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

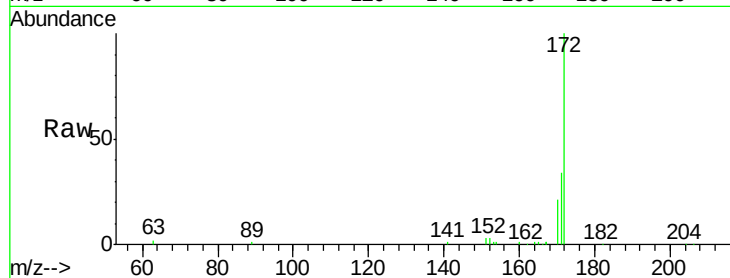
Tgt Ion:172 Resp: 15479

Ion Ratio Lower Upper

172 100

171 33.6 29.9 44.9

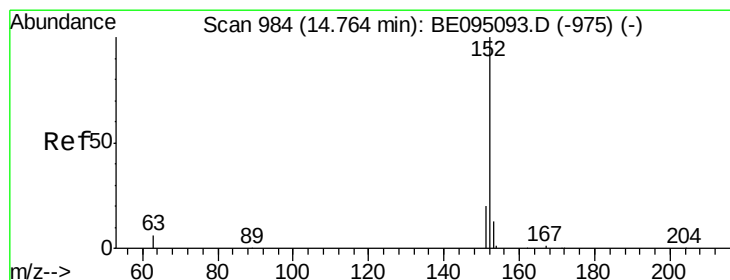
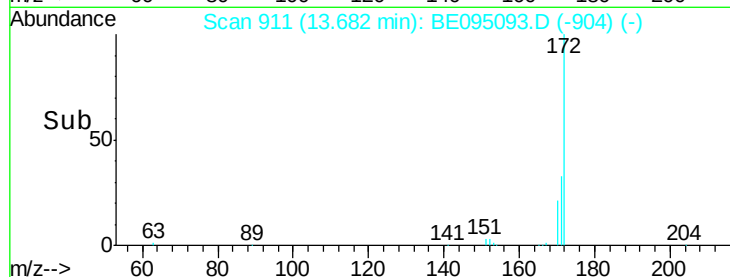
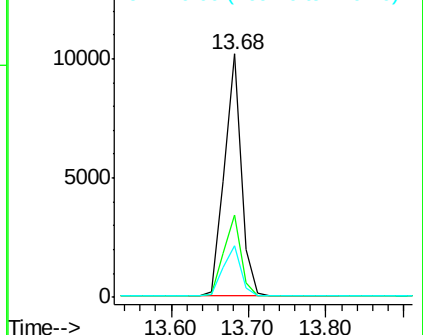
170 21.3 21.8 32.8#



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: 0.388 ng

RT: 14.76 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

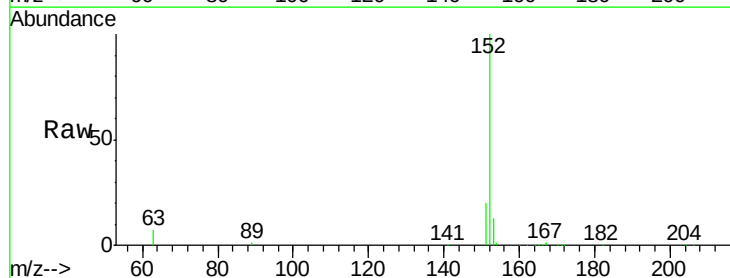
Tgt Ion:152 Resp: 18328

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

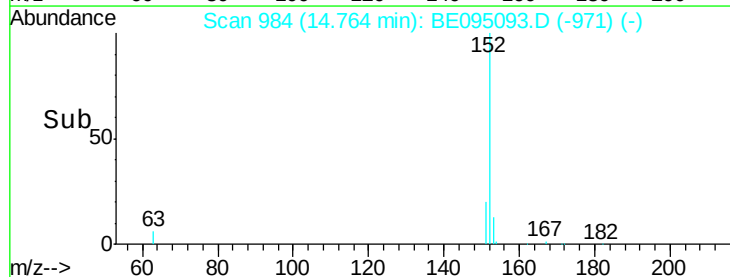
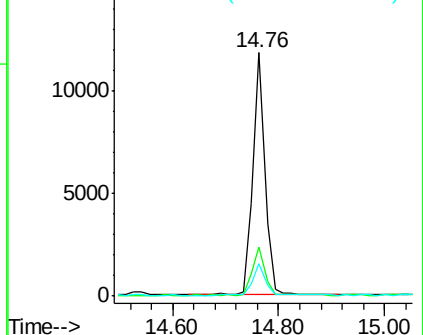
153 12.9 10.5 15.7

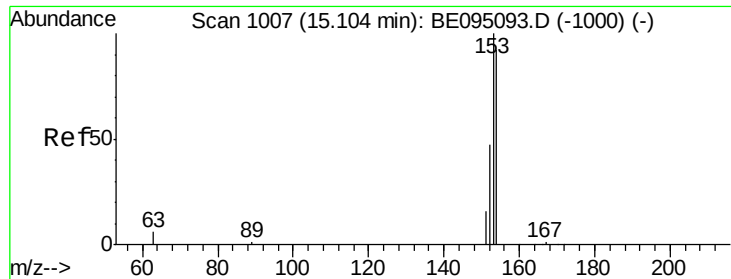


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

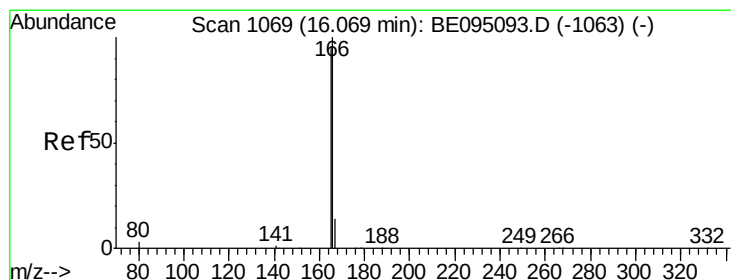
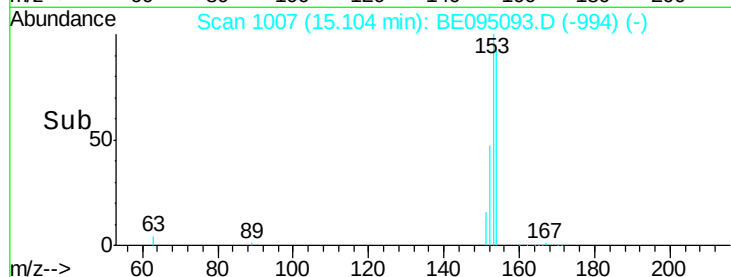
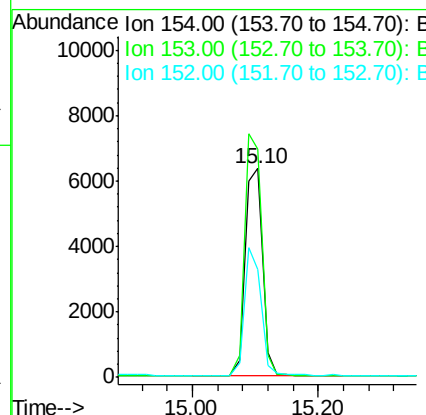
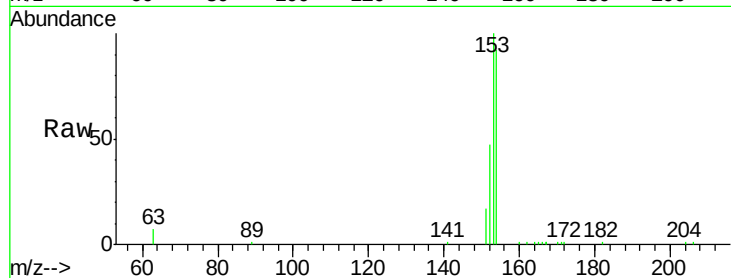




#17
Acenaphthene
Concen: 0.387 ng
RT: 15.10 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BE095093.D
Acq: 23 Jan 2018 12:31

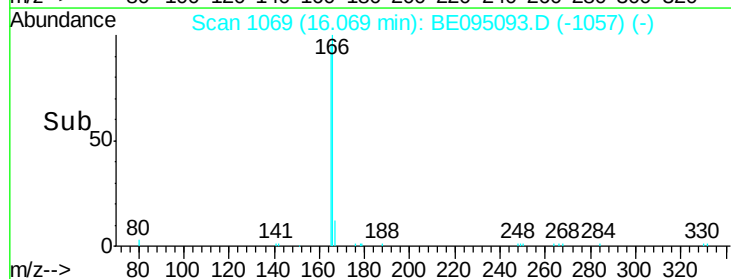
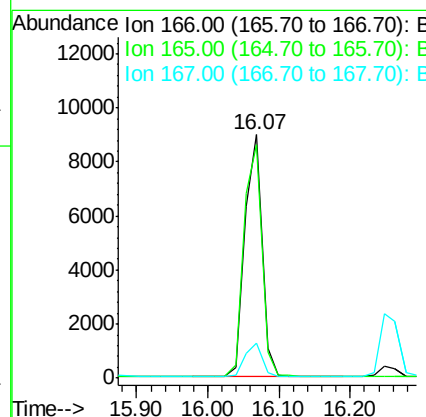
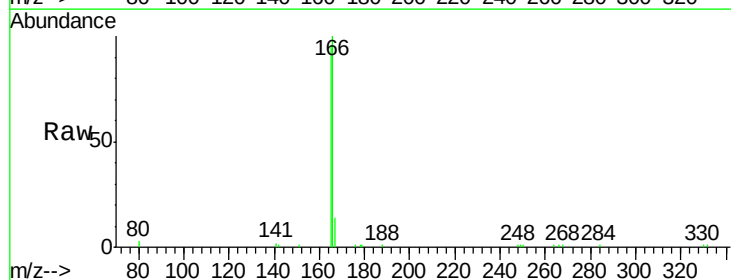
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

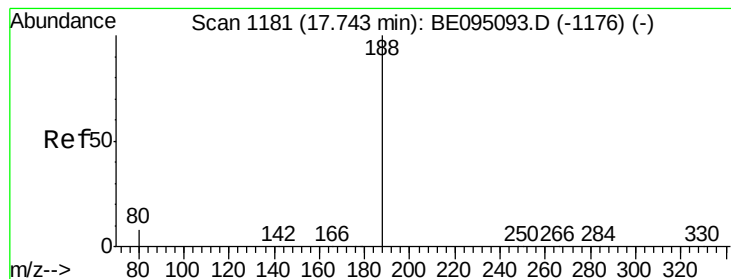
Tgt Ion:154 Resp: 12131
Ion Ratio Lower Upper
154 100
153 115.7 89.2 133.8
152 58.6 42.0 63.0



#18
Fluorene
Concen: 0.388 ng
RT: 16.07 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE095093.D
Acq: 23 Jan 2018 12:31

Tgt Ion:166 Resp: 15099
Ion Ratio Lower Upper
166 100
165 100.5 77.8 116.6
167 13.9 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

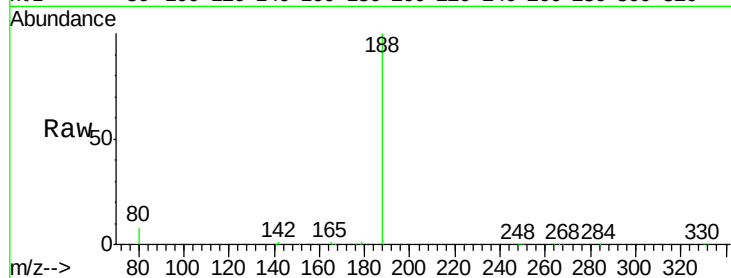
Tgt Ion:188 Resp: 20705

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

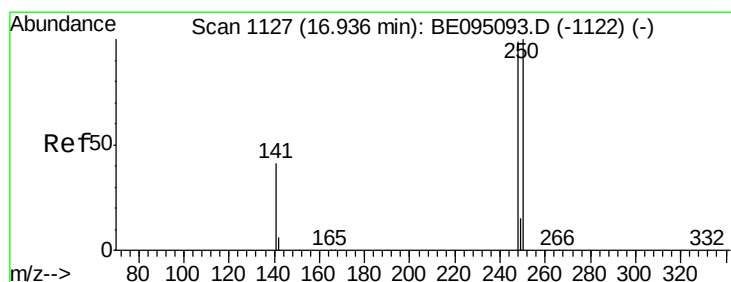
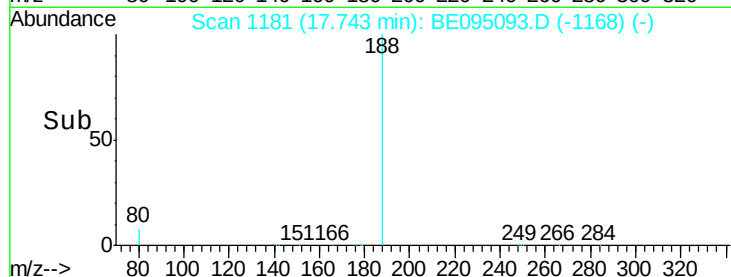
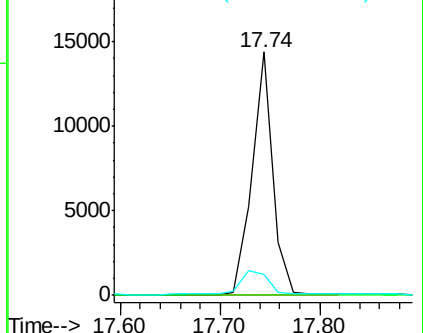
80 8.4 3.6 5.4#



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: 0.398 ng

RT: 16.94 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

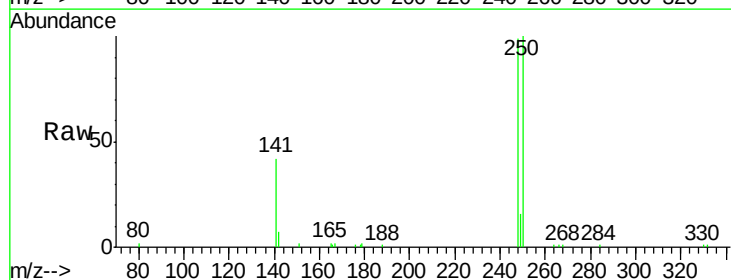
Tgt Ion:248 Resp: 4825

Ion Ratio Lower Upper

248 100

250 101.5 62.7 94.1#

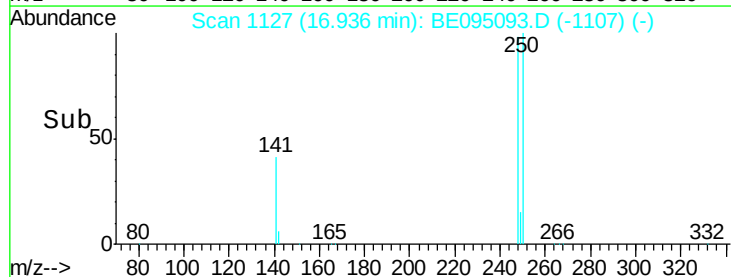
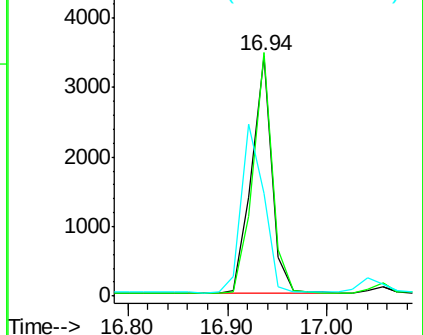
141 43.0 48.2 72.2#

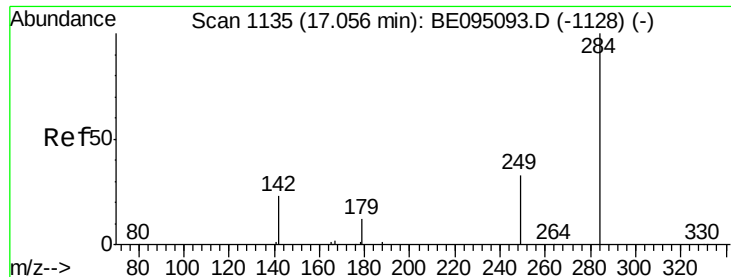


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.388 ng

RT: 17.06 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

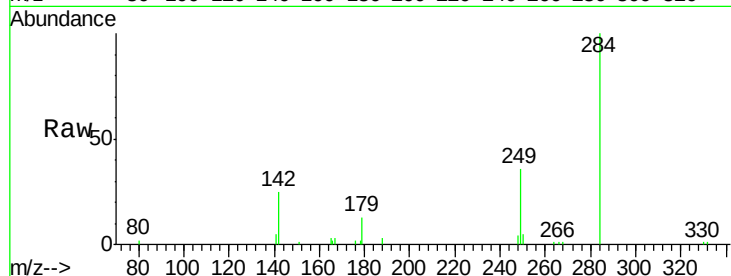
Tgt Ion:284 Resp: 4806

Ion Ratio Lower Upper

284 100

142 41.3 22.1 33.1#

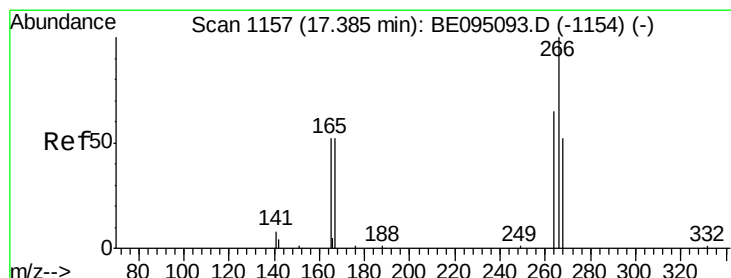
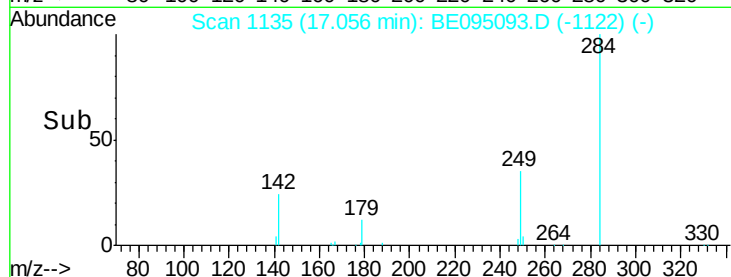
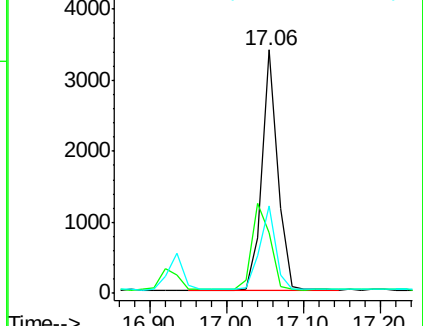
249 35.2 34.8 52.2



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: 0.388 ng

RT: 17.38 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

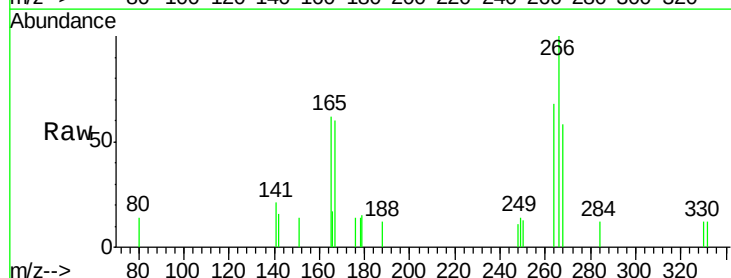
Tgt Ion:266 Resp: 920

Ion Ratio Lower Upper

266 100

264 68.4 72.5 108.7#

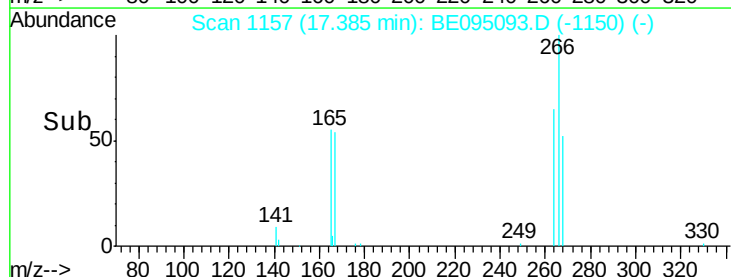
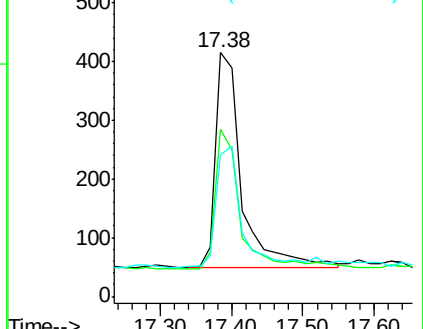
268 58.3 73.8 110.6#

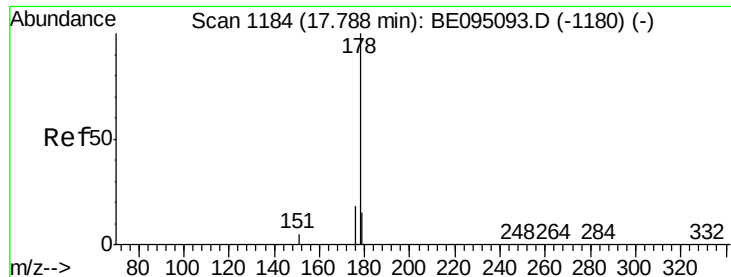


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.394 ng

RT: 17.79 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

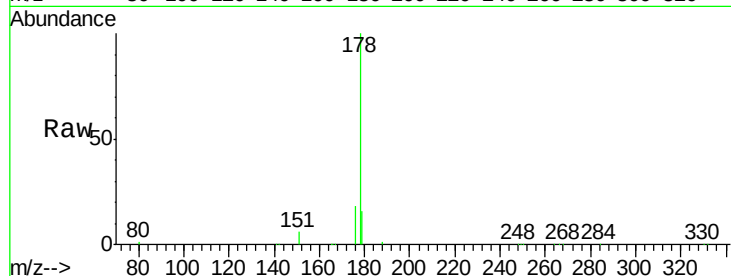
Tgt Ion:178 Resp: 25391

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

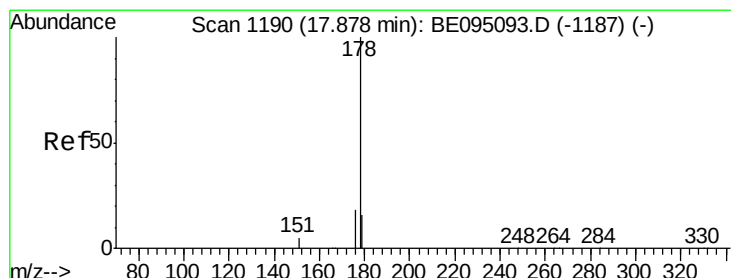
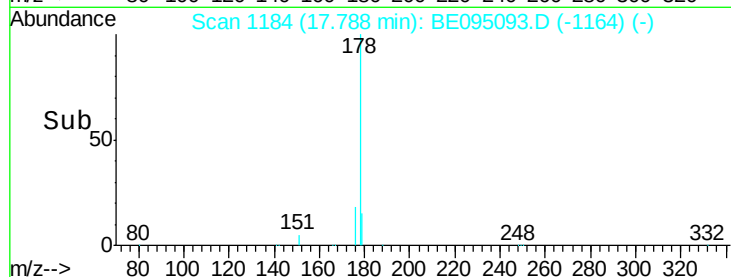
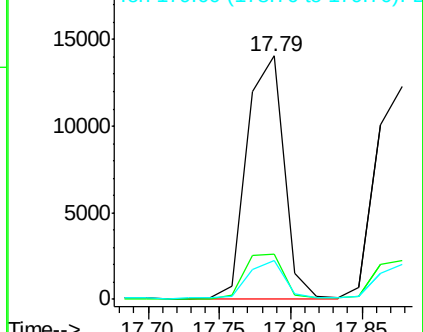
179 15.4 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.335 ng

RT: 17.88 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

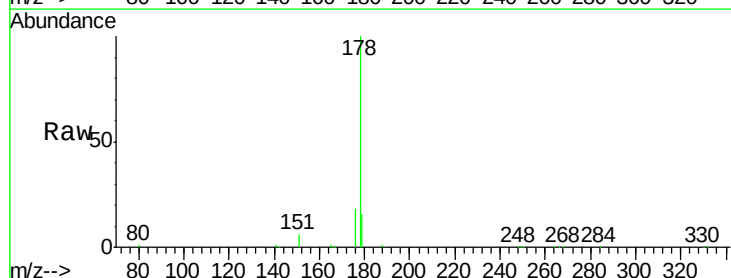
Tgt Ion:178 Resp: 22193

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

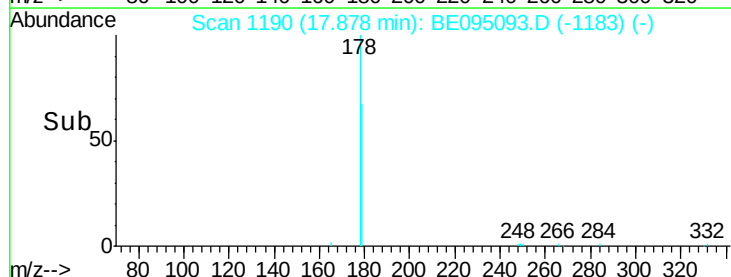
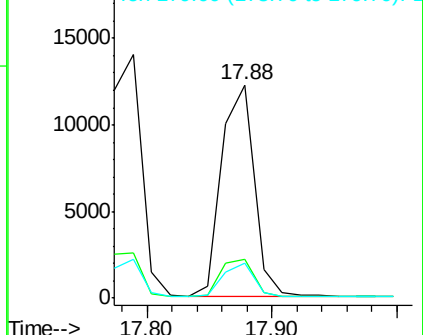
179 15.2 13.0 19.6

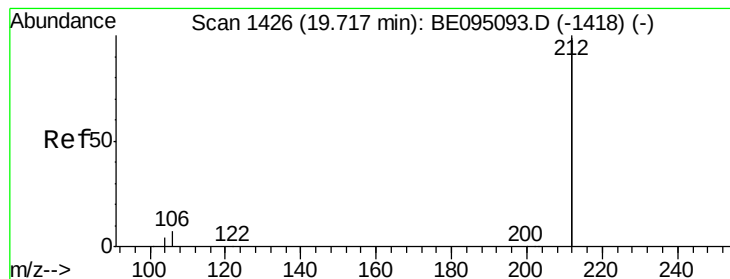


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

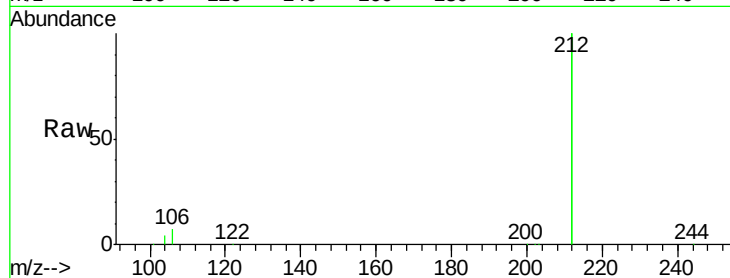
Tgt Ion:212 Resp: 101326

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

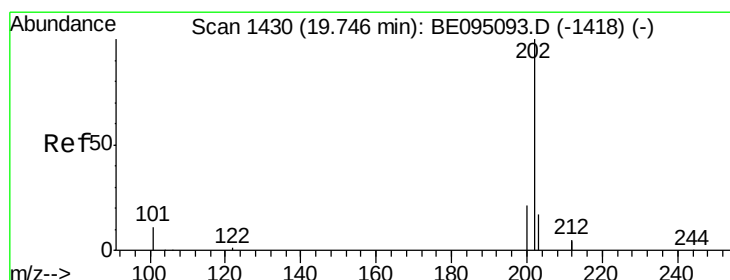
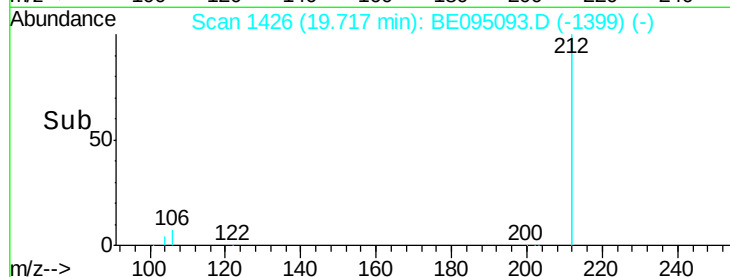
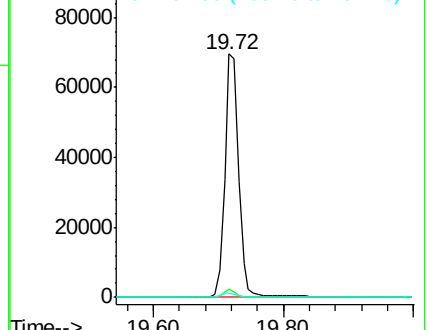
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.378 ng

RT: 19.75 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

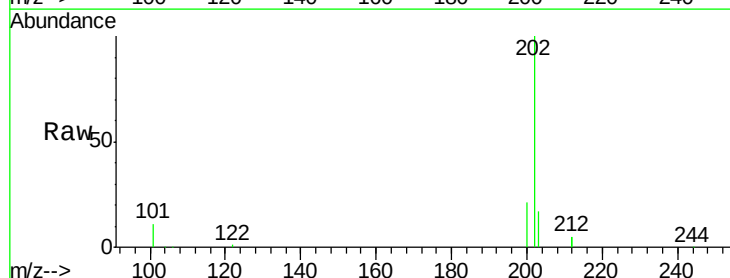
Tgt Ion:202 Resp: 30121

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

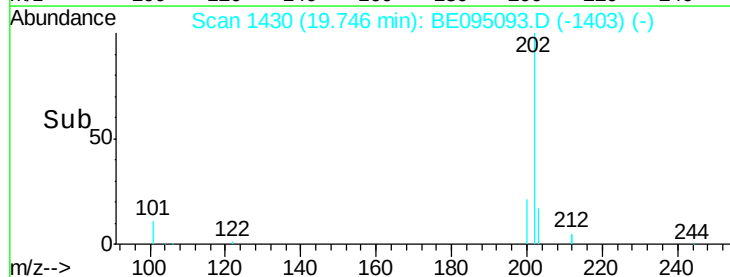
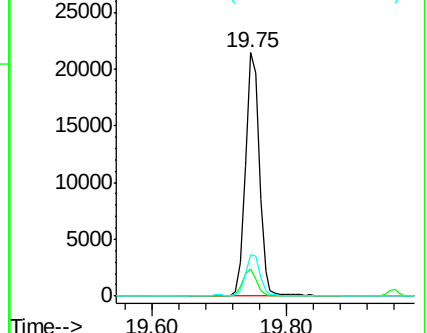
203 17.6 13.7 20.5

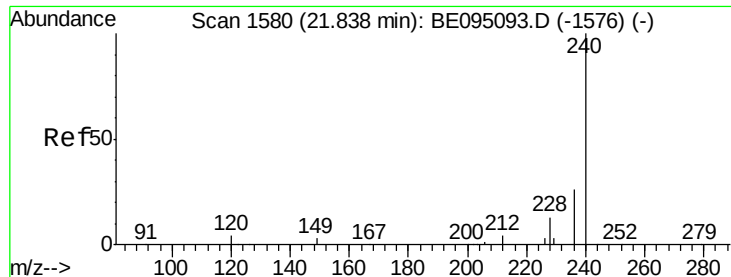


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

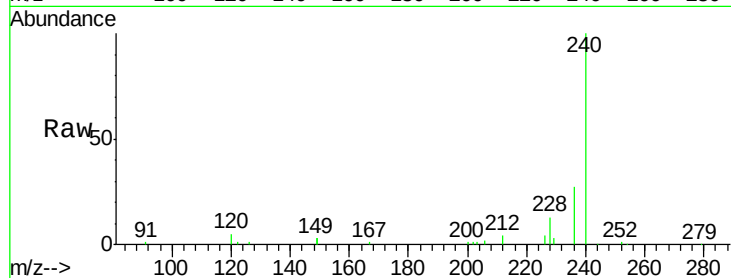
Tgt Ion:240 Resp: 20276

Ion Ratio Lower Upper

240 100

120 5.0 5.5 8.3#

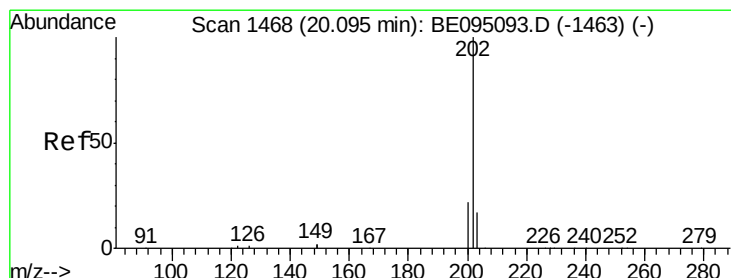
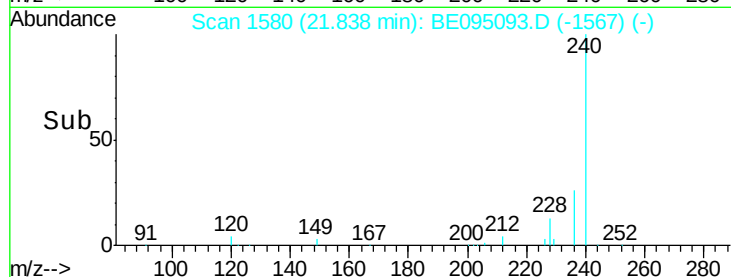
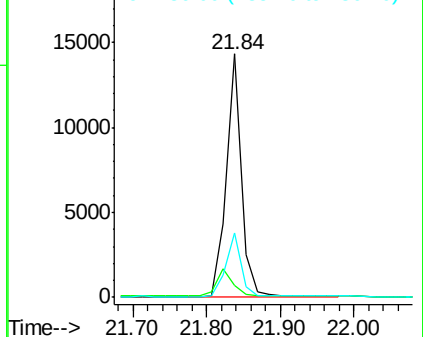
236 26.6 20.7 31.1



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: 0.510 ng

RT: 20.10 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

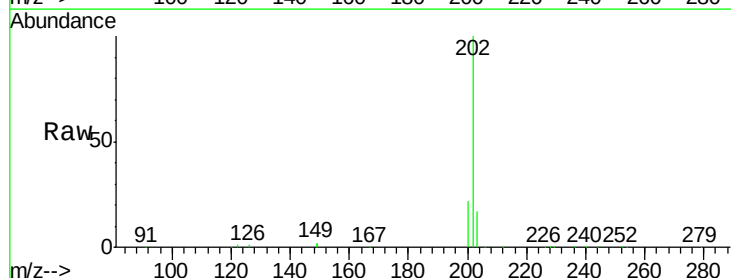
Tgt Ion:202 Resp: 35024

Ion Ratio Lower Upper

202 100

200 22.4 16.6 25.0

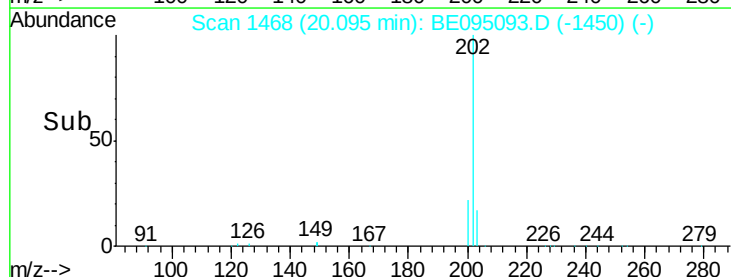
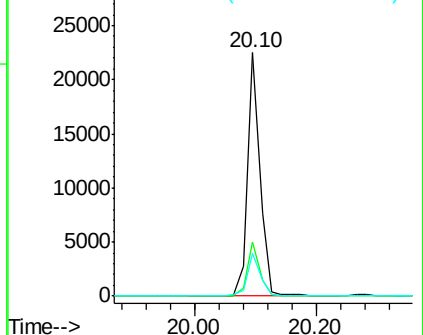
203 17.9 13.8 20.8

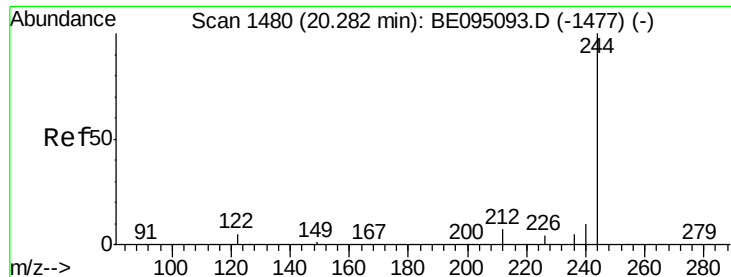


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.444 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

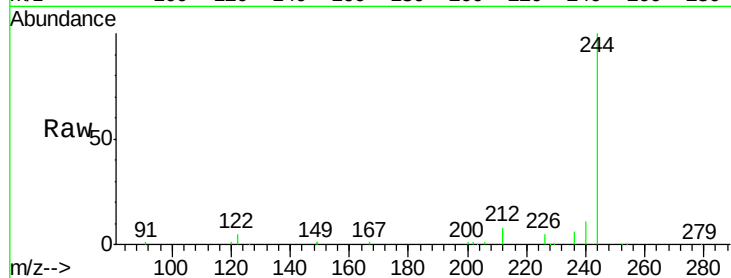
Tgt Ion:244 Resp: 16939

Ion Ratio Lower Upper

244 100

212 7.6 25.4 38.0#

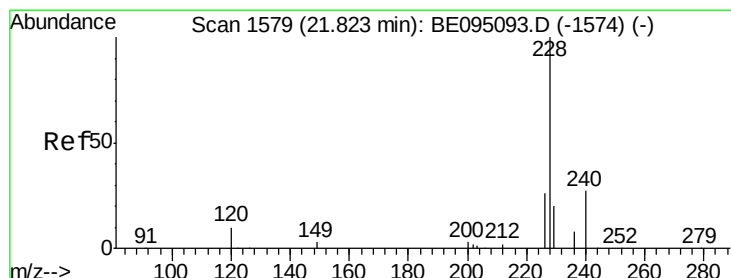
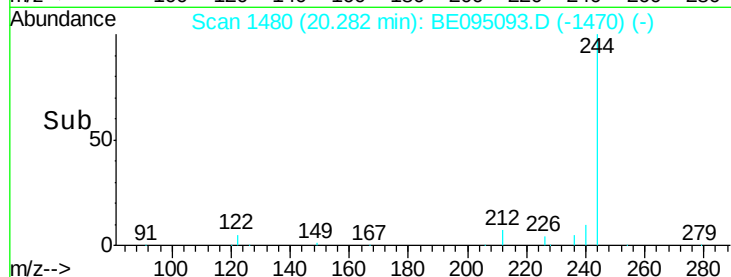
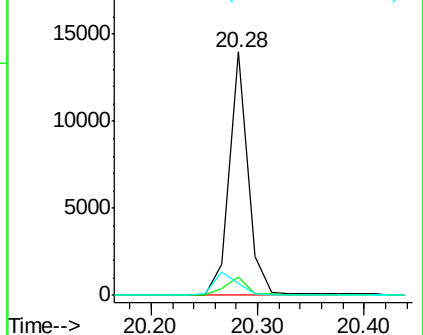
122 5.2 8.1 12.1#



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: 0.446 ng

RT: 21.82 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

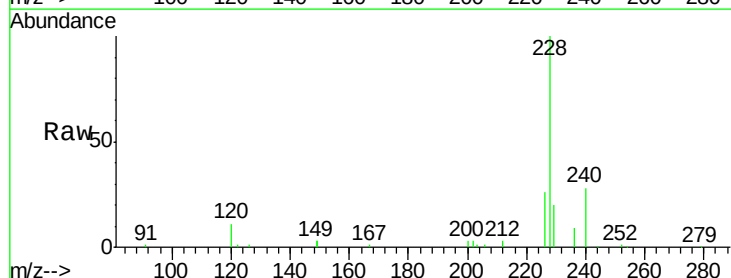
Tgt Ion:228 Resp: 26444

Ion Ratio Lower Upper

228 100

226 26.0 24.0 36.0

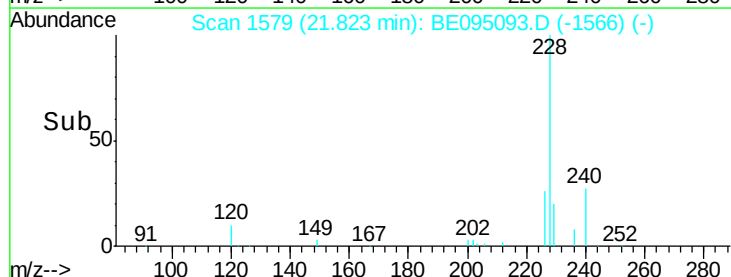
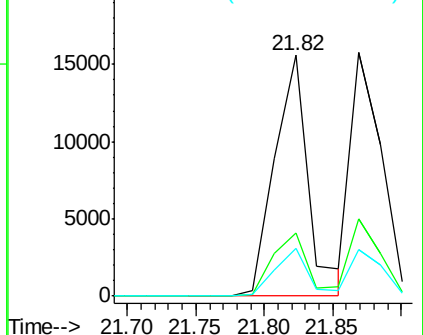
229 20.0 16.0 24.0

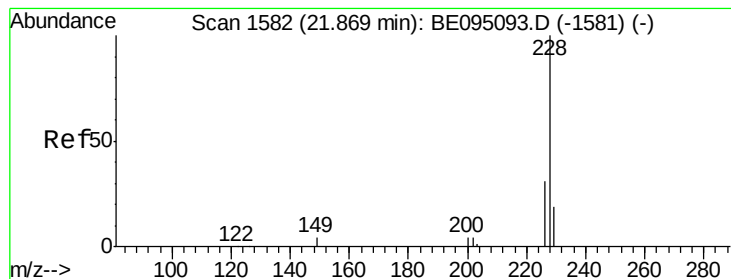


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.364 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

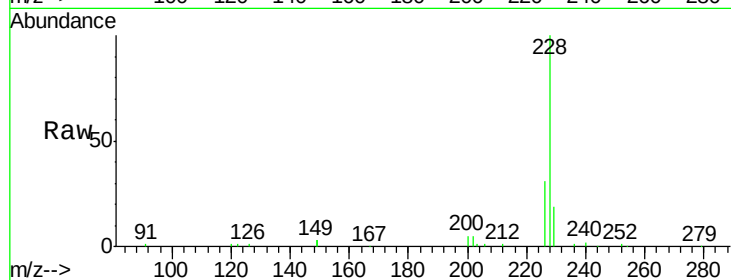
Tgt Ion:228 Resp: 24290

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

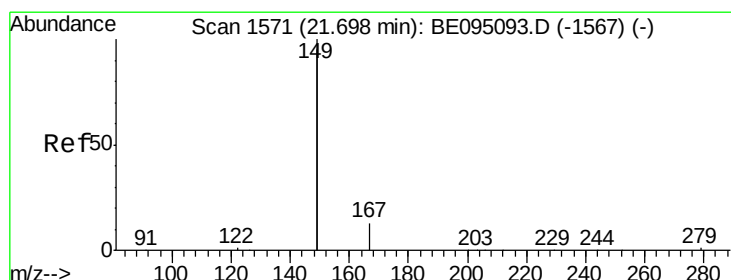
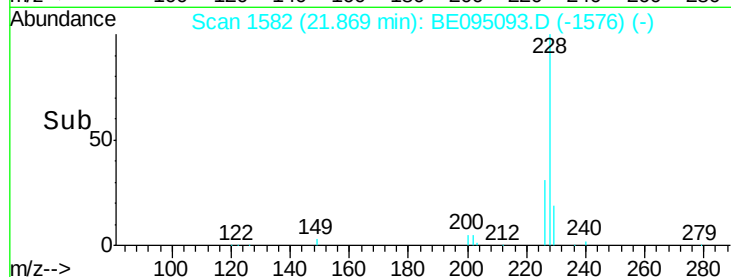
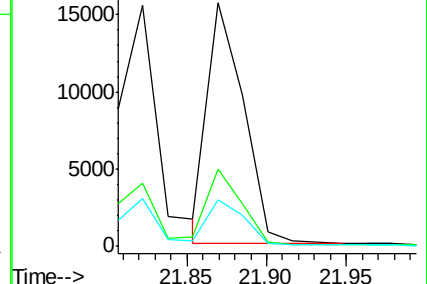
229 19.3 16.0 24.0



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: 0.452 ng

RT: 21.70 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

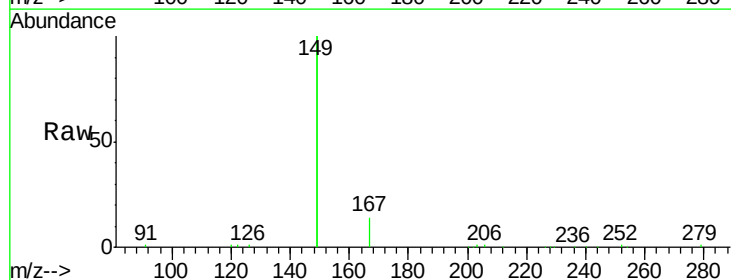
Tgt Ion:149 Resp: 34140

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

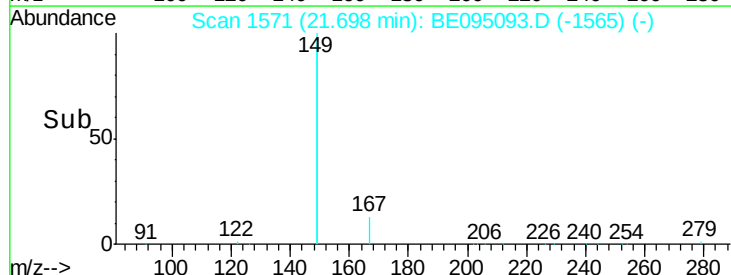
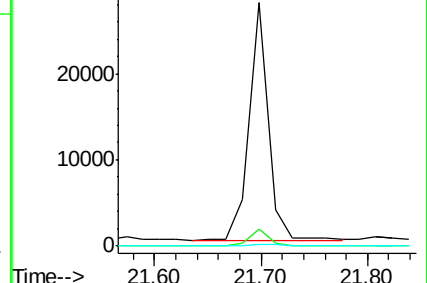
279 0.8 0.7 1.1

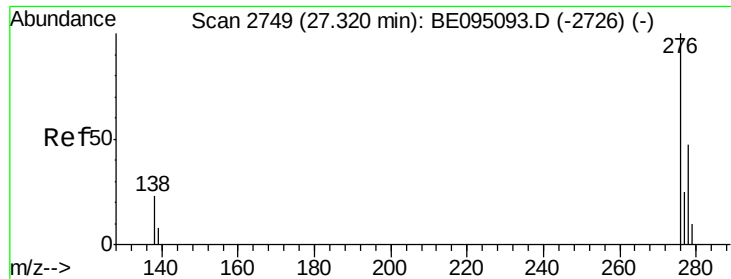


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

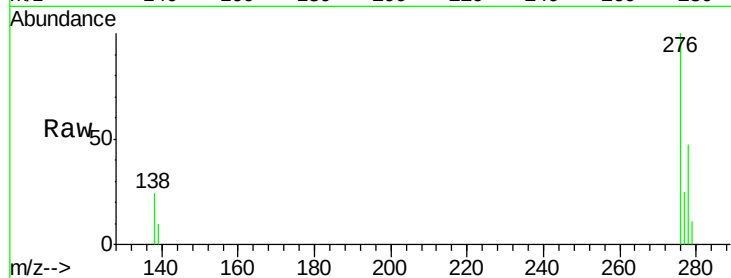




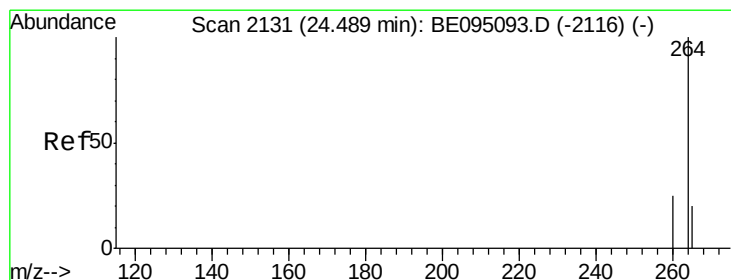
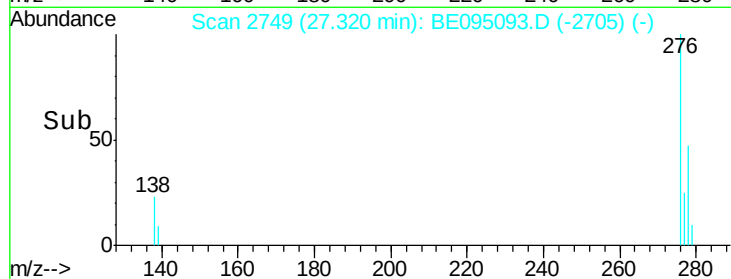
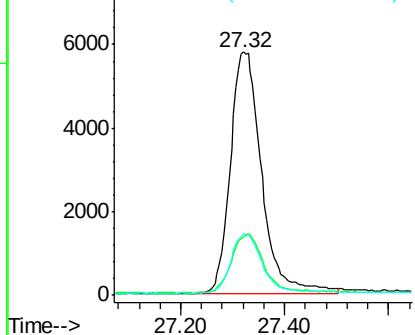
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.444 ng
 RT: 27.32 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: BE095093.D
 Acq: 23 Jan 2018 12:31

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tgt Ion:276 Resp: 24087
 Ion Ratio Lower Upper
 276 100
 138 25.0 22.5 33.7
 277 24.7 19.9 29.9

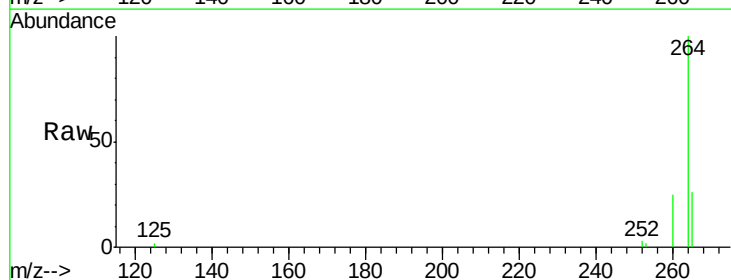


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

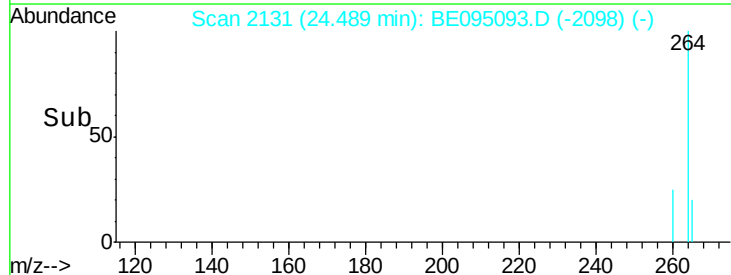
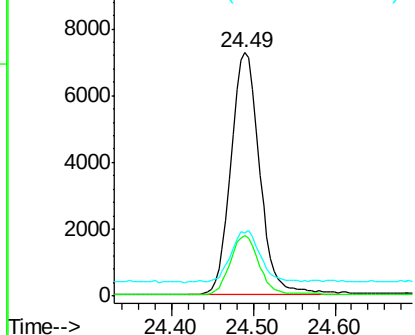


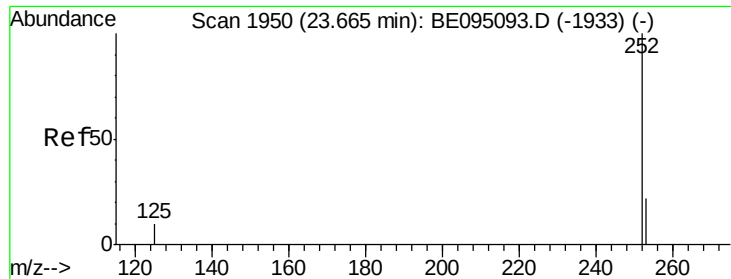
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.49 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BE095093.D
 Acq: 23 Jan 2018 12:31

Tgt Ion:264 Resp: 17456
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 26.1 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: 0.385 ng

RT: 23.67 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

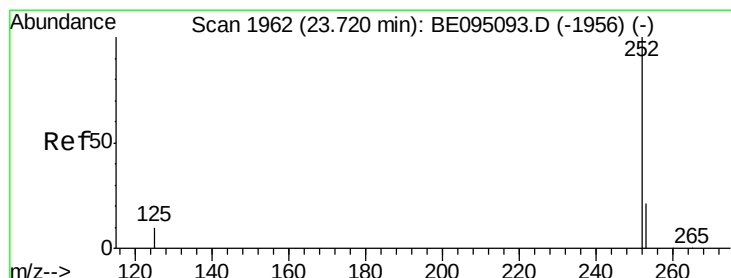
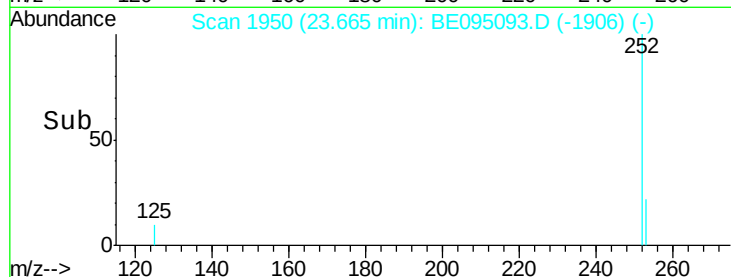
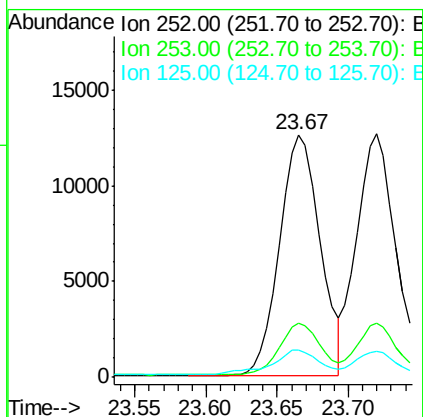
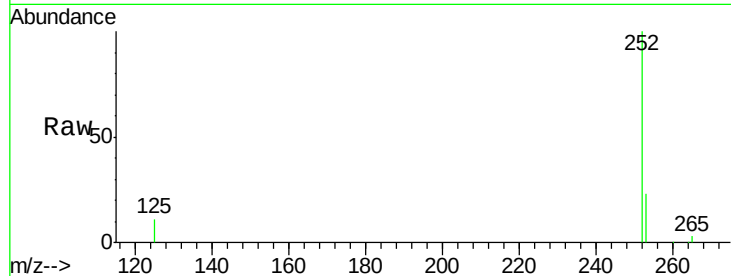
Tgt Ion:252 Resp: 24694

Ion Ratio Lower Upper

252 100

253 22.5 20.0 30.0

125 11.4 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.382 ng

RT: 23.72 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

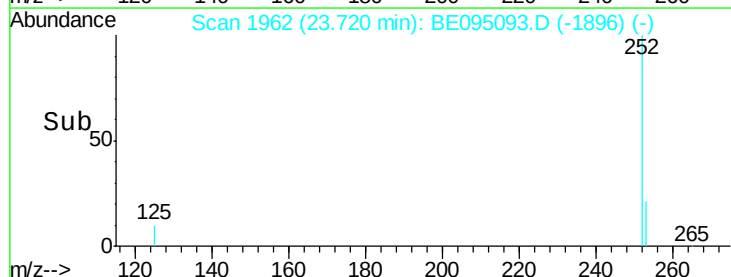
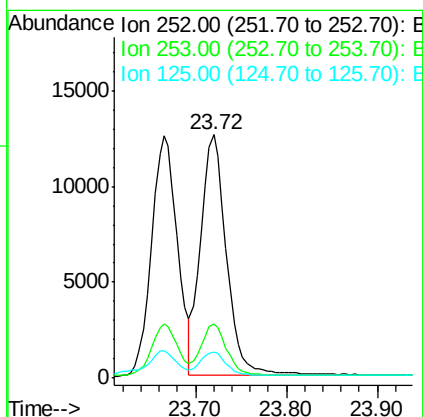
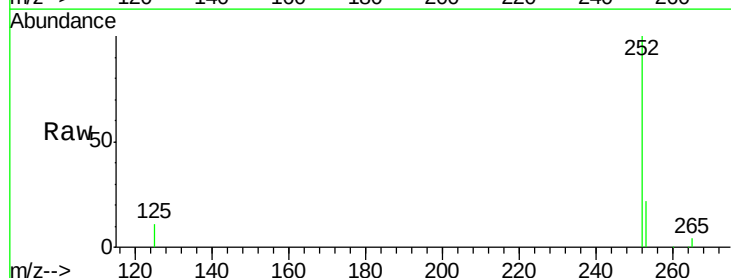
Tgt Ion:252 Resp: 24816

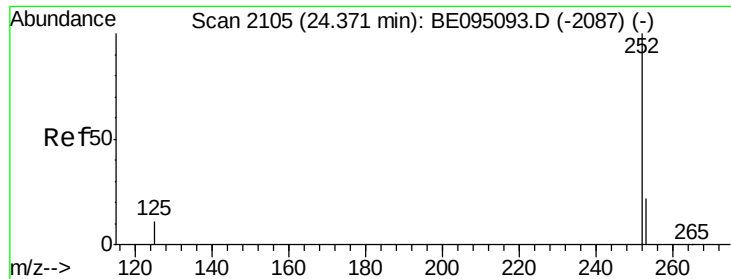
Ion Ratio Lower Upper

252 100

253 22.3 16.0 24.0

125 10.8 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.399 ng

RT: 24.37 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

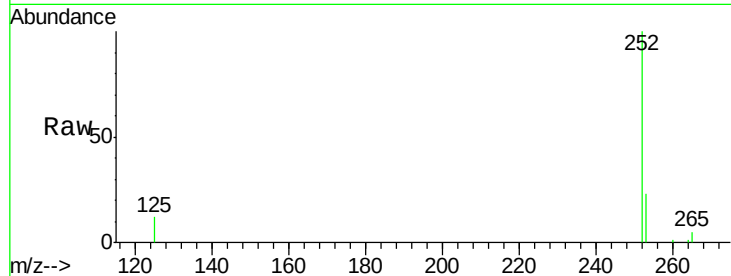
Tgt Ion:252 Resp: 22721

Ion Ratio Lower Upper

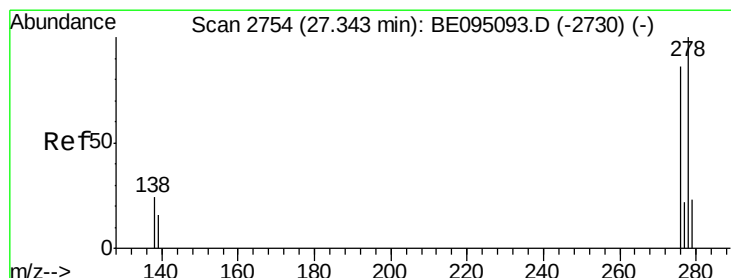
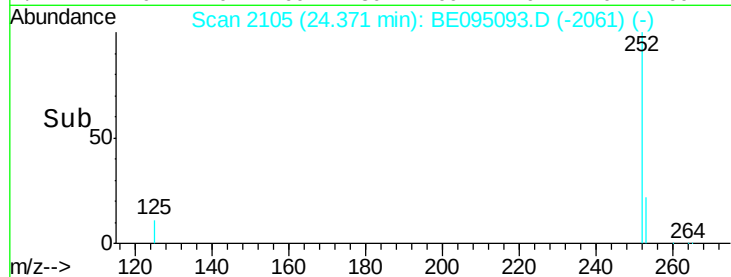
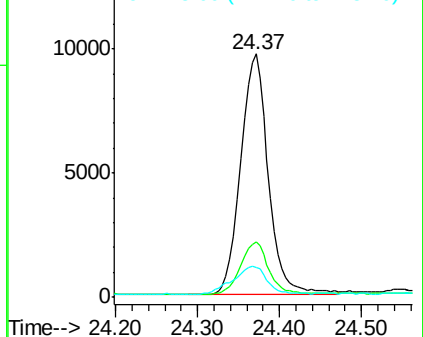
252 100

253 22.7 16.0 24.0

125 12.4 12.0 18.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.362 ng

RT: 27.34 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE095093.D

Acq: 23 Jan 2018 12:31

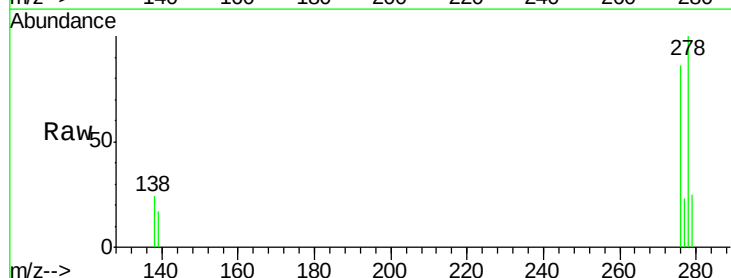
Tgt Ion:278 Resp: 19086

Ion Ratio Lower Upper

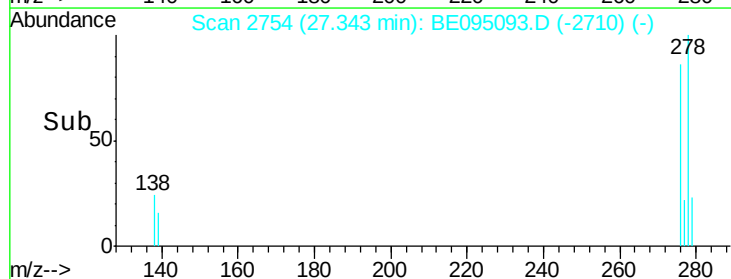
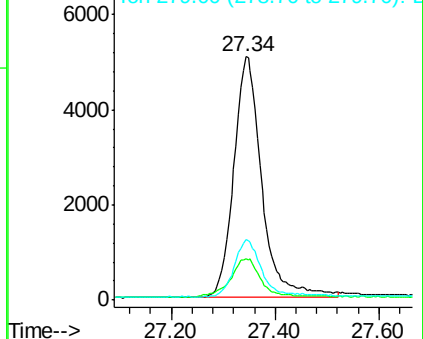
278 100

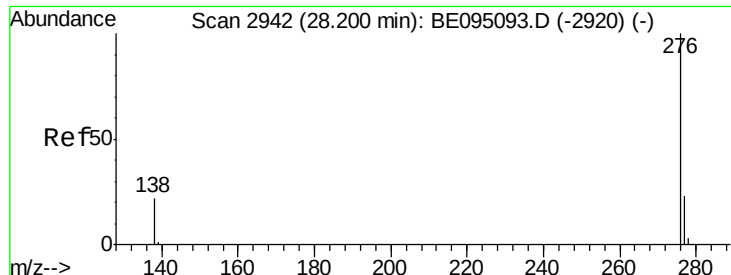
139 16.9 16.0 24.0

279 24.6 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(g,h,i)perylene

Concen: 0.385 ng

RT: 28.20 min Scan# 2942

Delta R.T. 0.00 min

Lab File: BE095093.D

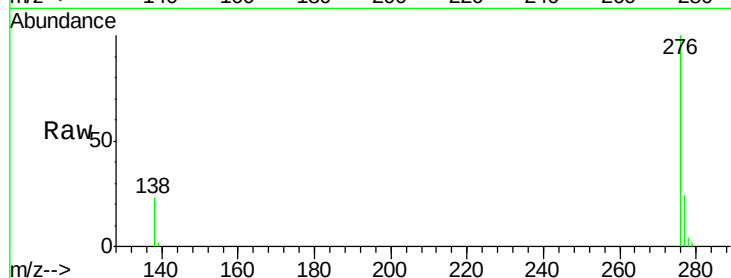
Acq: 23 Jan 2018 12:31

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4



Tgt Ion: 276 Resp: 20221

Ion Ratio Lower Upper

276 100

277 24.0 16.0 24.0#

138 22.7 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

