

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022718\
 Data File : BE095697.D
 Acq On : 27 Feb 2018 11:01
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 27 12:34:53 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1442	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5825	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	3325	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7551	0.40	ng	0.01
27) Chrysene-d12	21.79	240	7697	0.40	ng	0.00
34) Perylene-d12	24.42	264	6912	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1403	0.37	ng	0.00
5) Phenol-d6	7.56	99	1960	0.37	ng	0.00
8) Nitrobenzene-d5	9.60	82	2101	0.35	ng	-0.02
11) 2-Methylnaphthalene-d10	12.80	152	3534	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	437	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5278	0.36	ng	0.00
25) Fluoranthene-d10	19.69	212	35084	0.36	ng	0.00
29) Terphenyl-d14	20.25	244	5623	0.37	ng	0.00

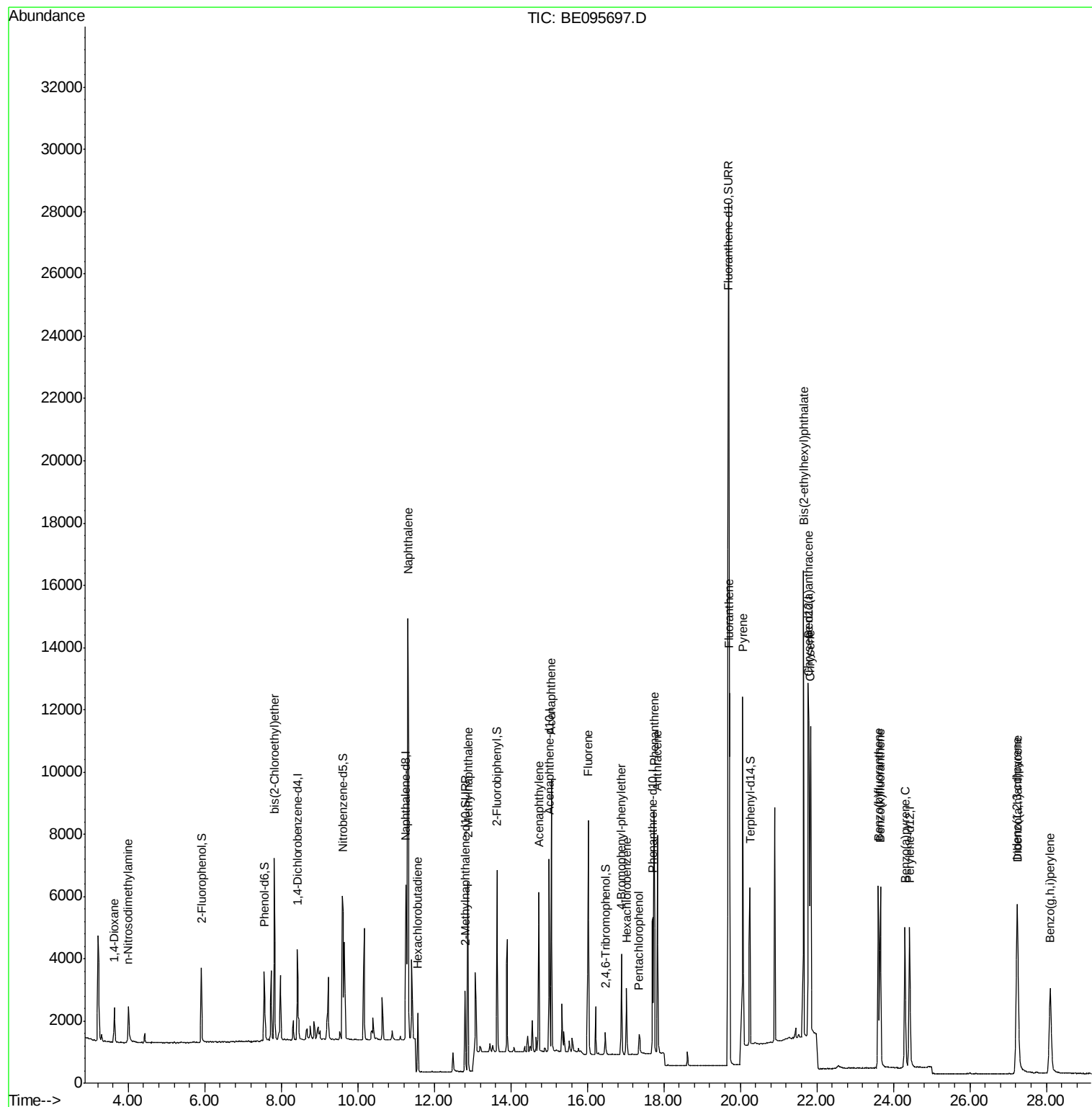
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.64	88	787	0.347	ng	92
3) n-Nitrosodimethylamine	3.99	42	1045	0.371	ng	# 80
6) bis(2-Chloroethyl)ether	7.82	93	2011	0.372	ng	93
9) Naphthalene	11.31	128	24260	0.361	ng	99
10) Hexachlorobutadiene	11.57	225	1429	0.365	ng	99
12) 2-Methylnaphthalene	12.88	142	4163	0.359	ng	98
16) Acenaphthylene	14.74	152	6672	0.357	ng	100
17) Acenaphthene	15.06	154	4169	0.355	ng	92
18) Fluorene	16.02	166	5283	0.363	ng	# 79
20) 4-Bromophenyl-phenylether	16.89	248	1684	0.355	ng	# 75
21) Hexachlorobenzene	17.03	284	1728	0.352	ng	# 82
22) Pentachlorophenol	17.35	266	434	0.419	ng	# 77
23) Phenanthrene	17.74	178	8426	0.357	ng	99
24) Anthracene	17.83	178	7524	0.347	ng	# 95
26) Fluoranthene	19.71	202	10283	0.354	ng	97
28) Pyrene	20.06	202	12117	0.385	ng	98
30) Benzo(a)anthracene	21.78	228	9354	0.372	ng	98
31) Chrysene	21.84	228	9206	0.369	ng	100
32) Bis(2-ethylhexyl)phthalate	21.65	149	16754	0.377	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	8862	0.366	ng	# 94
35) Benzo(b)fluoranthene	23.61	252	8723	0.354	ng	# 89
36) Benzo(k)fluoranthene	23.66	252	8883	0.363	ng	95
37) Benzo(a)pyrene	24.30	252	7999	0.360	ng	# 92
38) Dibenzo(a,h)anthracene	27.25	278	7135	0.361	ng	97
39) Benzo(g,h,i)perylene	28.10	276	7594	0.359	ng	# 91

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

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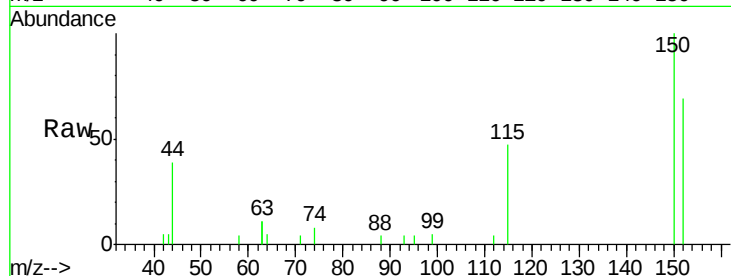


#1

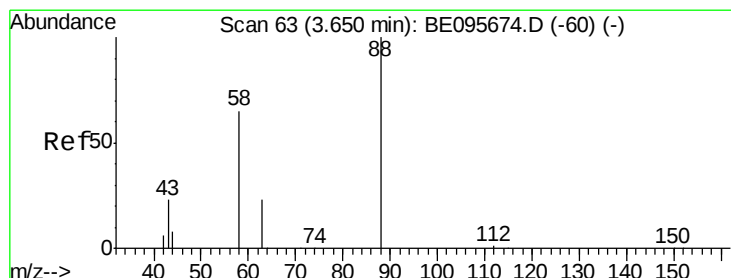
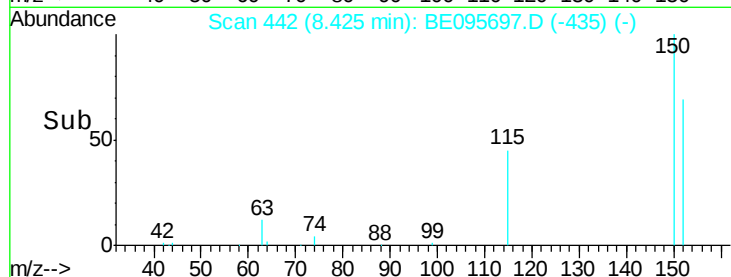
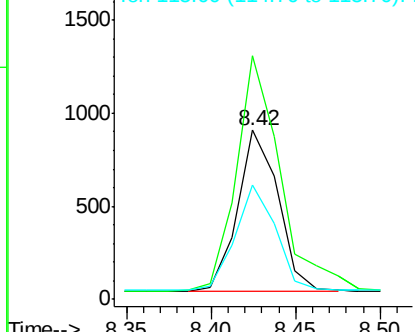
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.42 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: BE095697.D
 Acq: 27 Feb 2018 11:01

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1442
 Ion Ratio Lower Upper
 152 100
 150 143.9 117.2 175.8
 115 67.5 57.0 85.6



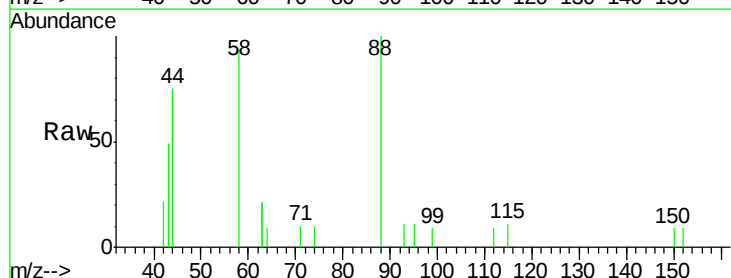
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



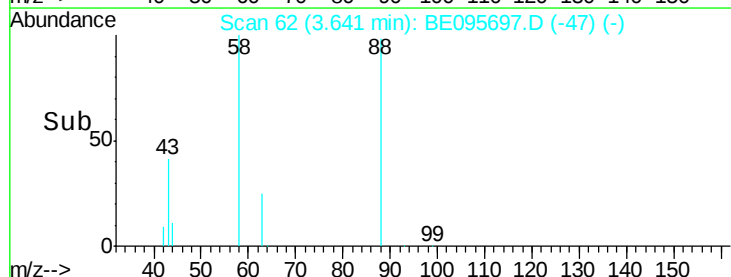
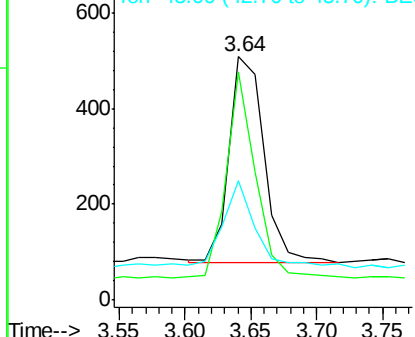
#2

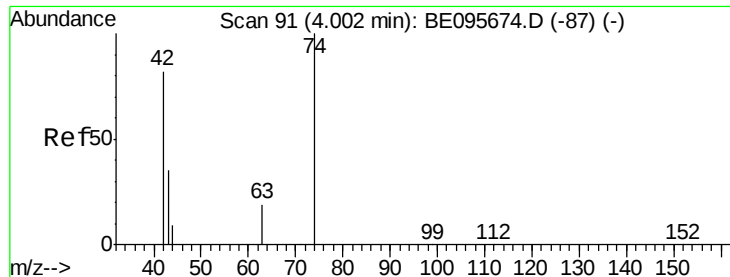
1,4-Dioxane
 Concen: 0.347 ng
 RT: 3.64 min Scan# 62
 Delta R.T. -0.01 min
 Lab File: BE095697.D
 Acq: 27 Feb 2018 11:01

Tgt Ion: 88 Resp: 787
 Ion Ratio Lower Upper
 88 100
 58 84.5 63.2 94.8
 43 43.3 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: 0.371 ng

RT: 3.99 min Scan# 90

Delta R.T. -0.01 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampleId :

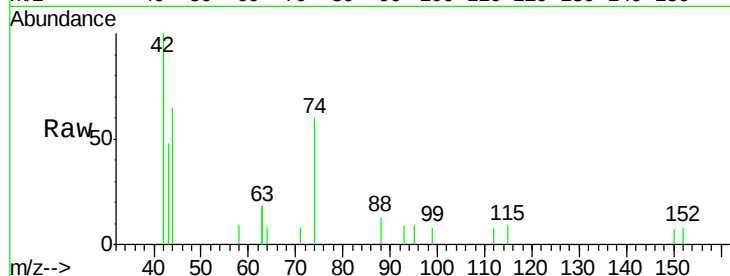
Tot Ion: 42 Resp: 1045

Ion Ratio Lower Upper

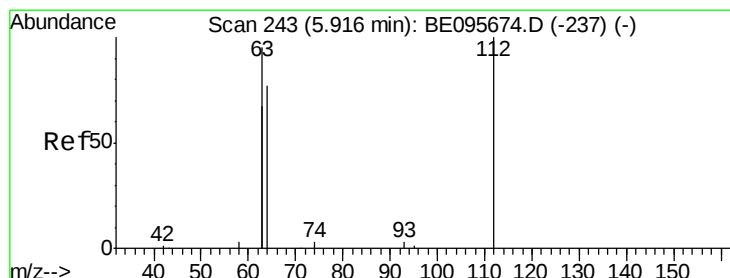
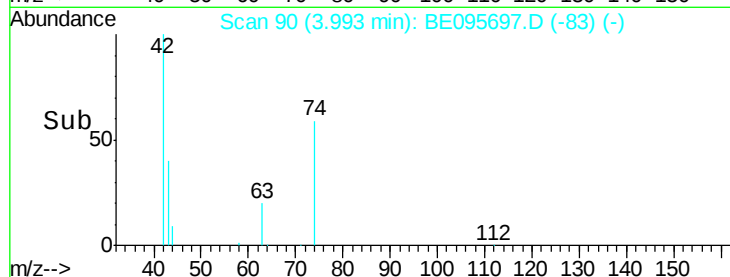
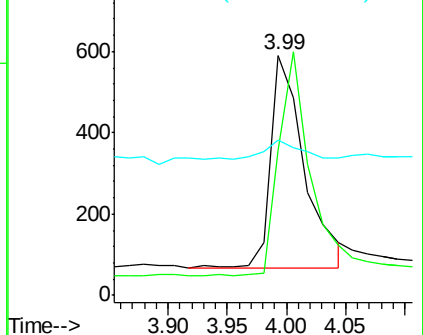
42 100

74 97.7 96.0 144.0

44 8.7 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



#4

2-Fluorophenol

Concen: 0.369 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

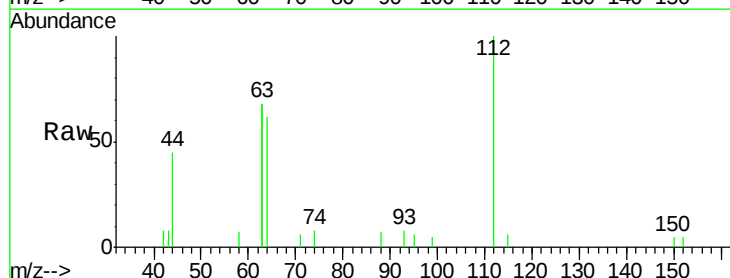
Tgt Ion: 112 Resp: 1403

Ion Ratio Lower Upper

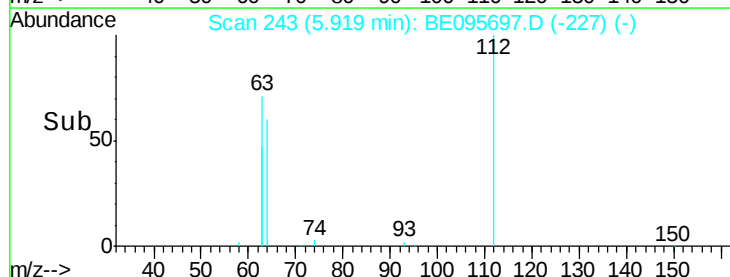
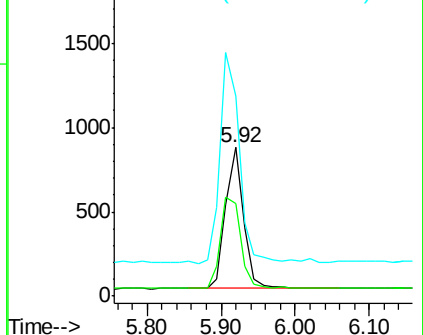
112 100

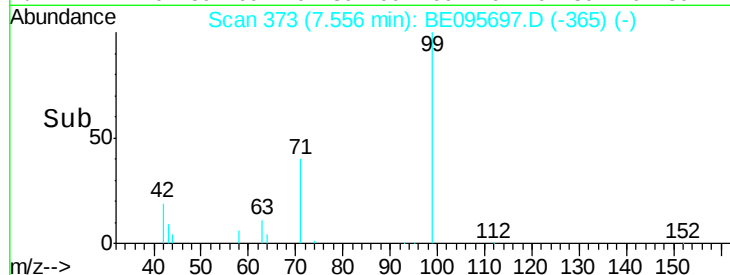
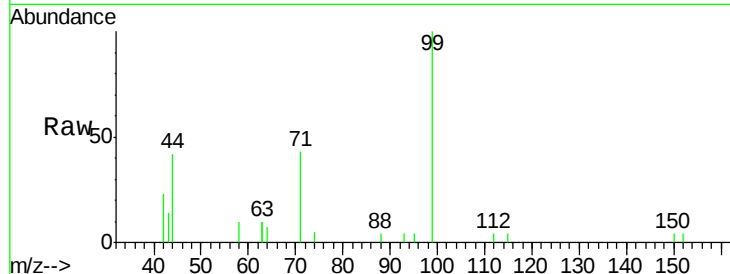
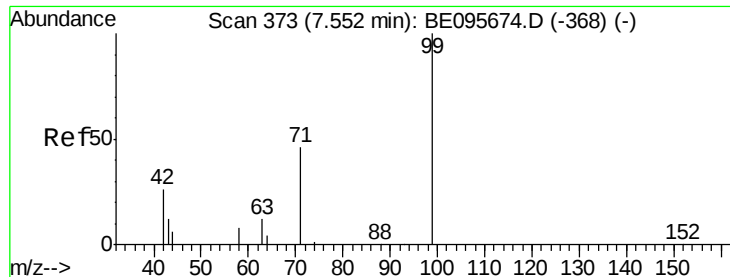
64 74.7 60.1 90.1

63 158.2 116.8 175.2



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: 0.372 ng

RT: 7.56 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampleId :

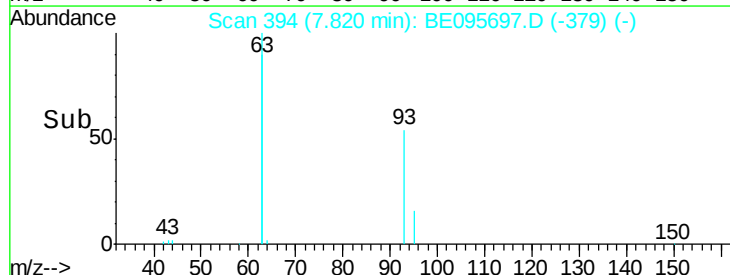
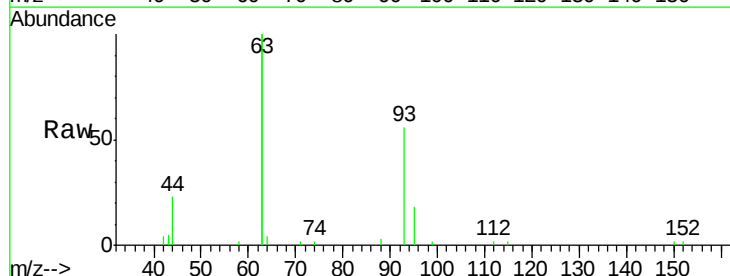
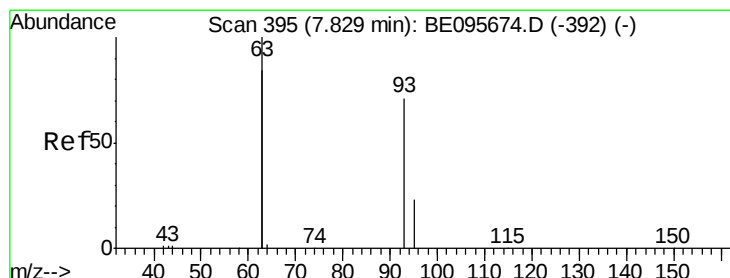
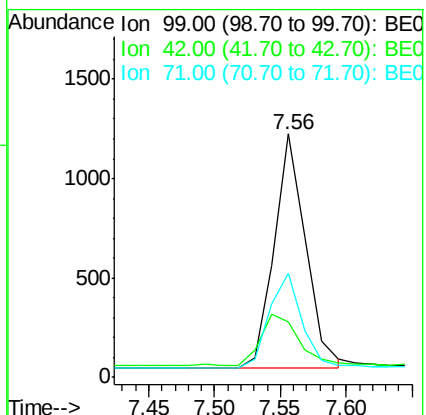
Tot Ion: 99 Resp: 1960

Ion Ratio Lower Upper

99 100

42 26.6 20.2 30.2

71 42.0 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.372 ng

RT: 7.82 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

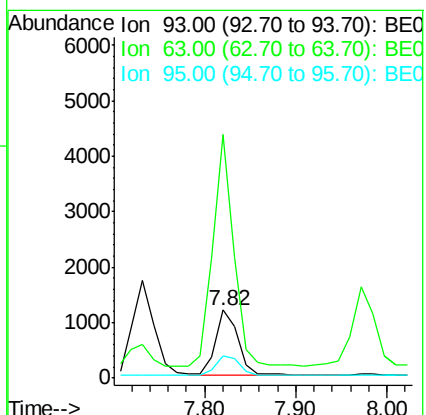
Tgt Ion: 93 Resp: 2011

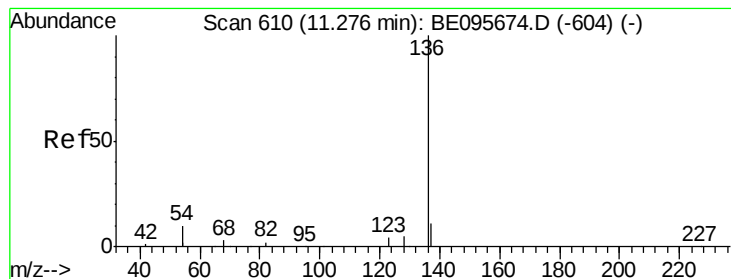
Ion Ratio Lower Upper

93 100

63 328.5 275.3 412.9

95 30.8 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE095697.D

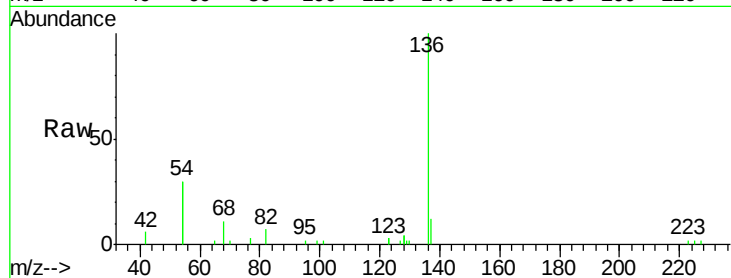
Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	136	Resp:	5825
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	60.9	29.1	43.7#
68	10.9	6.2	9.2#



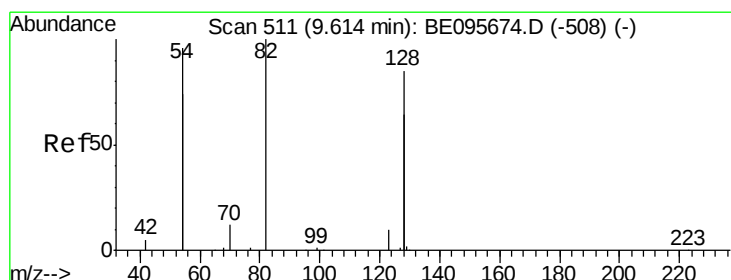
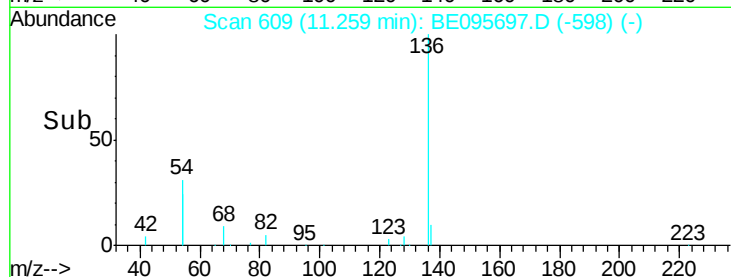
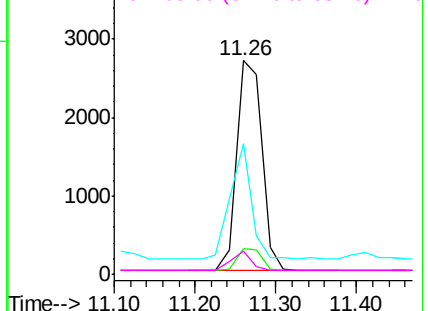
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.350 ng

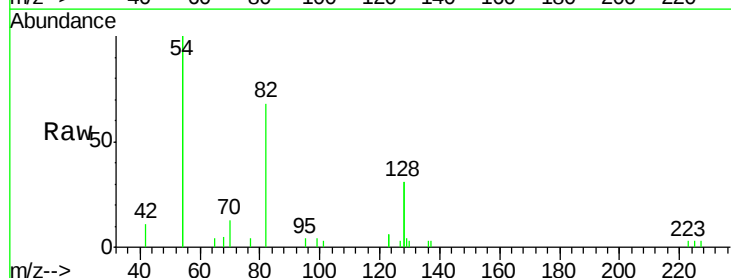
RT: 9.60 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Tgt Ion:	82	Resp:	2101
Ion	Ratio	Lower	Upper
82	100		
128	90.2	150.0	225.0#
54	295.7	154.2	231.4#

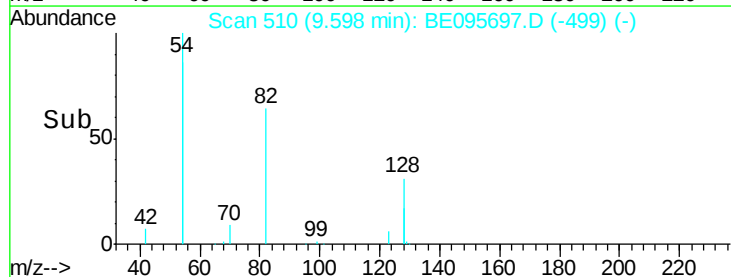
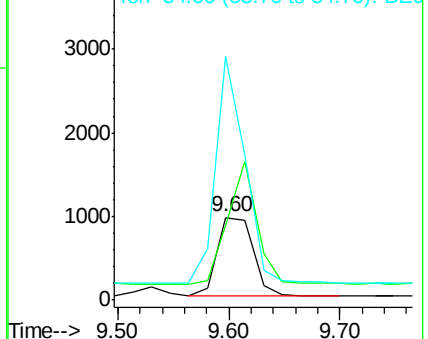


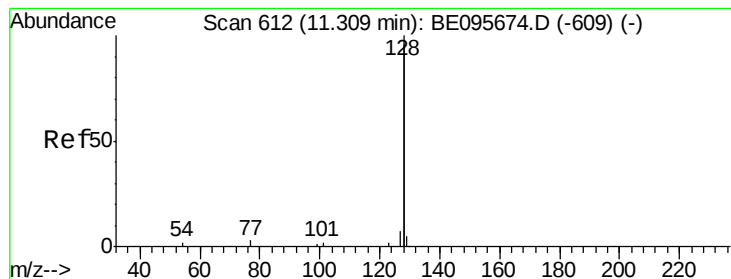
Abundance

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: 0.361 ng

RT: 11.31 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampleId :

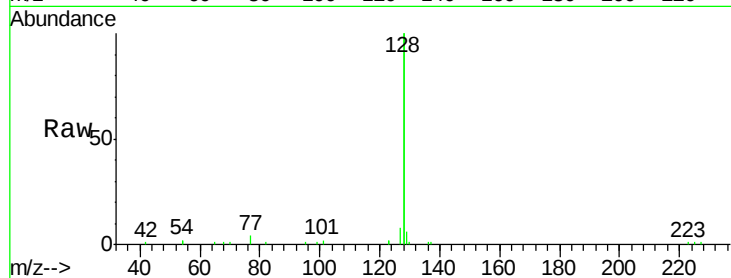
Tot Ion:128 Resp: 24260

Ion Ratio Lower Upper

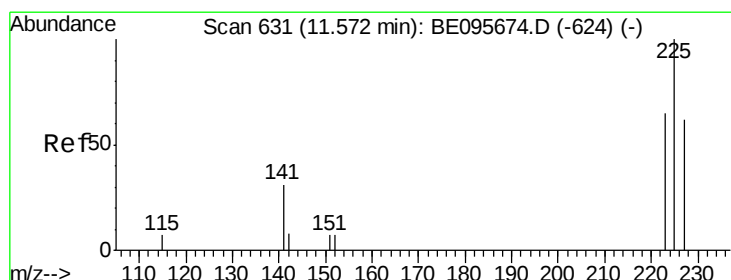
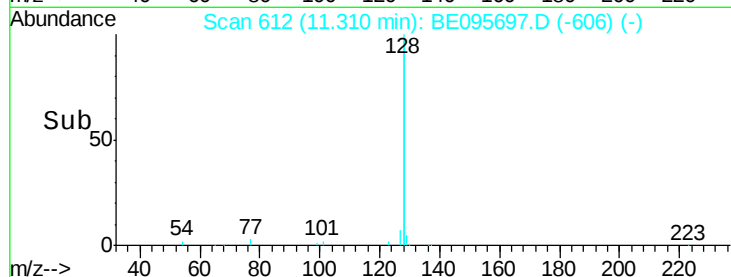
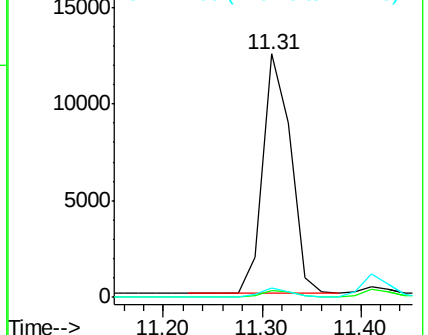
128 100

129 3.0 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: 0.365 ng

RT: 11.57 min Scan# 631

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

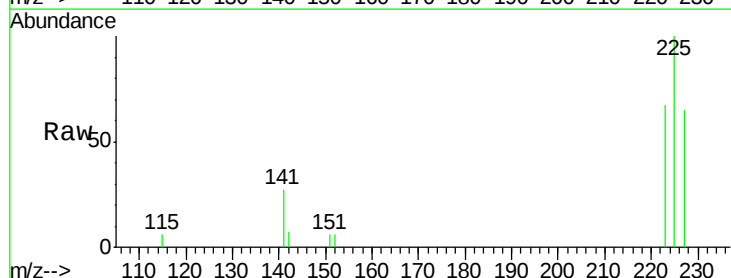
Tgt Ion:225 Resp: 1429

Ion Ratio Lower Upper

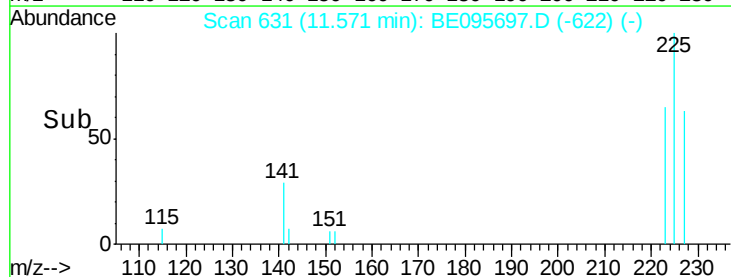
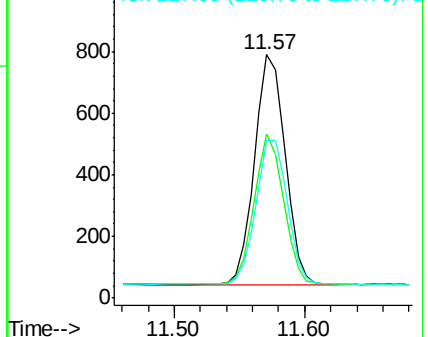
225 100

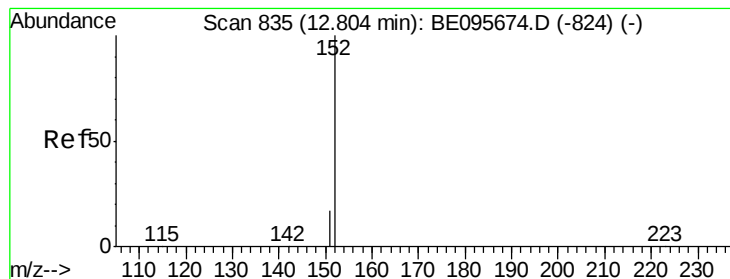
223 68.1 53.0 79.6

227 64.3 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: 0.363 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

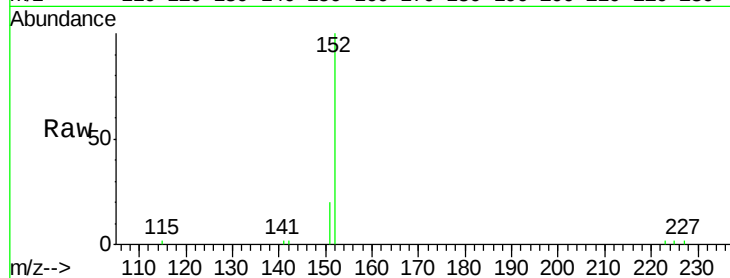
ClientSampled :

Tot Ion:152 Resp: 3534

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.80

2500

2000

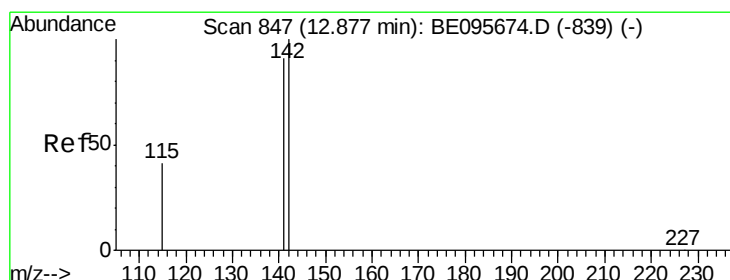
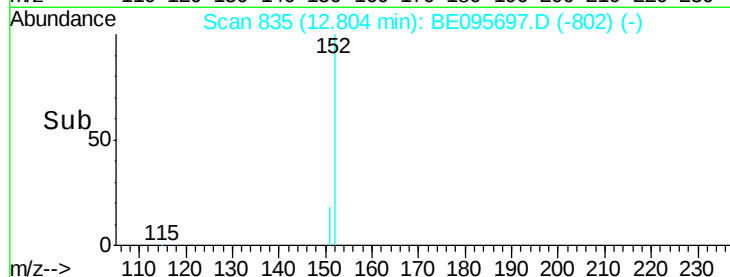
1500

1000

500

0

Time--> 12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.359 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

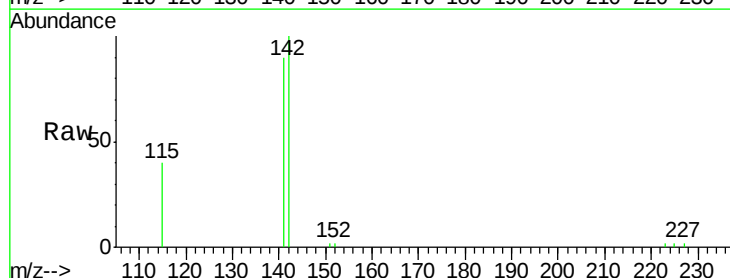
Tgt Ion:142 Resp: 4163

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6

115 40.4 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

12.88

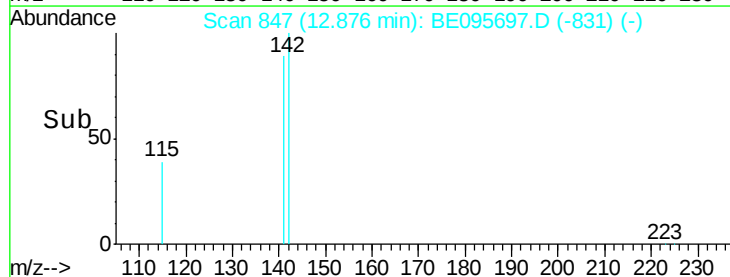
3000

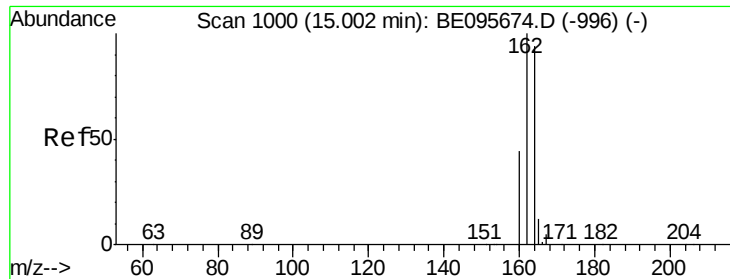
2000

1000

0

Time--> 12.80 12.85 12.90 12.95





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampleId :

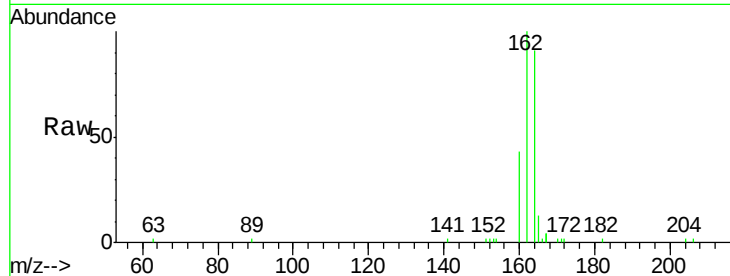
Tot Ion:164 Resp: 3325

Ion Ratio Lower Upper

164 100

162 110.0 83.1 124.7

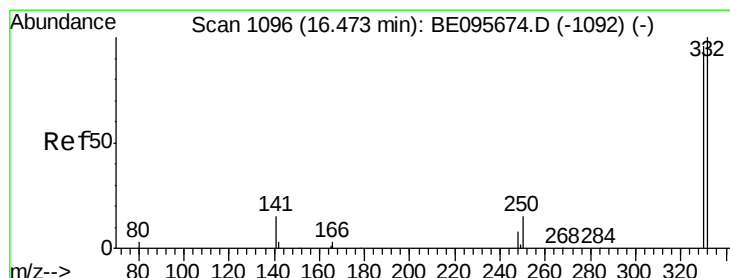
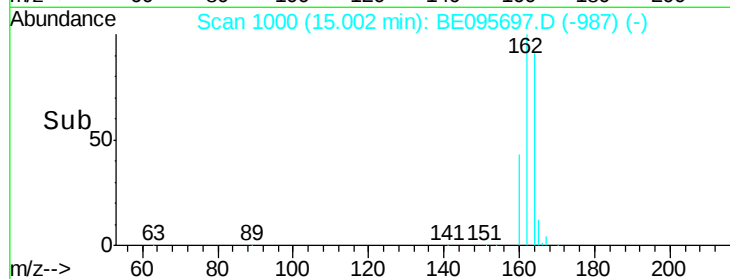
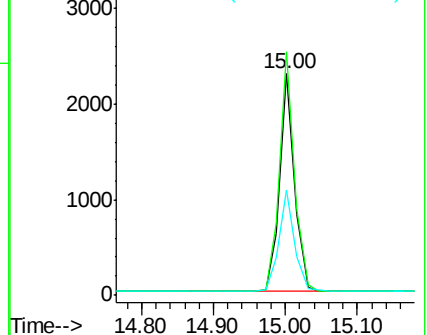
160 47.9 37.1 55.7



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: 0.390 ng

RT: 16.47 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

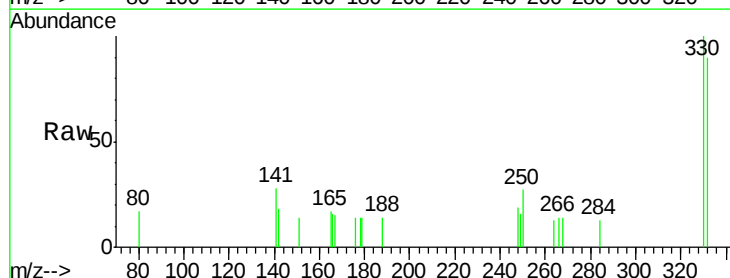
Tgt Ion:330 Resp: 437

Ion Ratio Lower Upper

330 100

332 92.0 152.7 229.1#

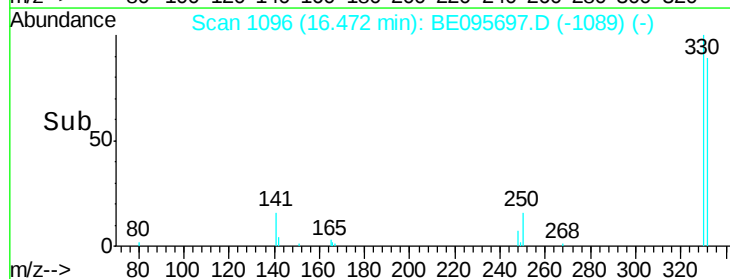
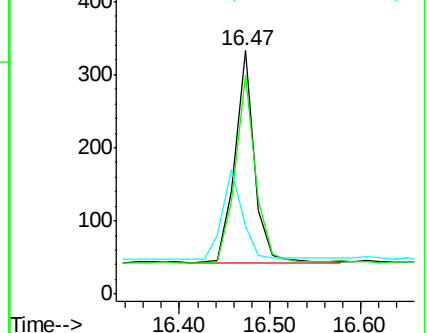
141 43.2 33.7 50.5

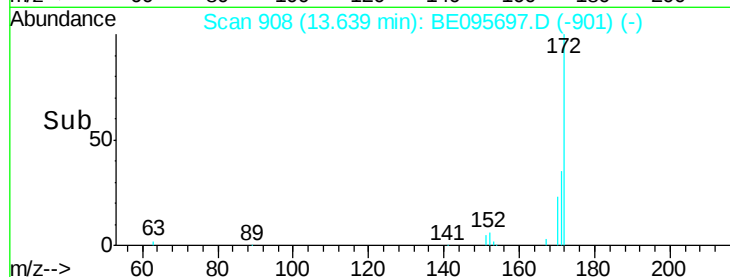
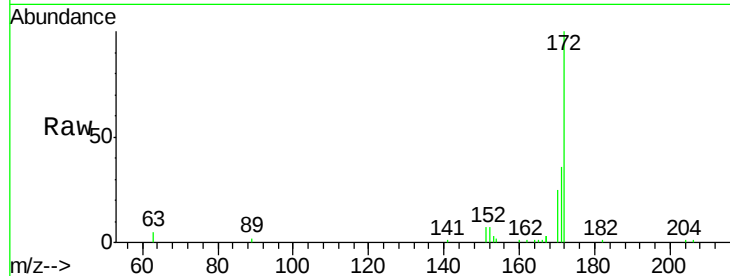
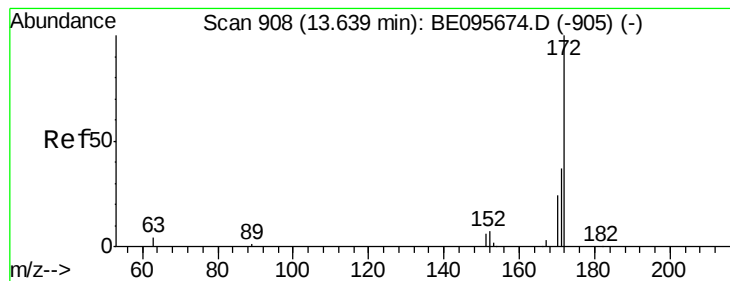


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.355 ng

RT: 13.64 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampleId :

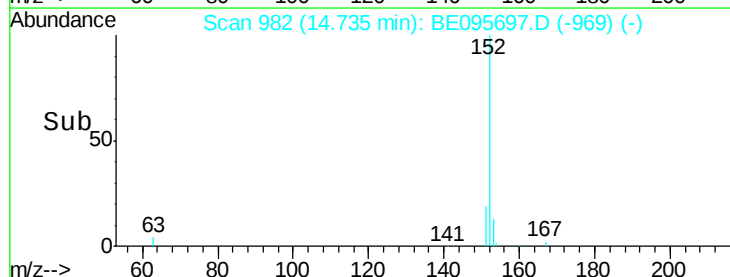
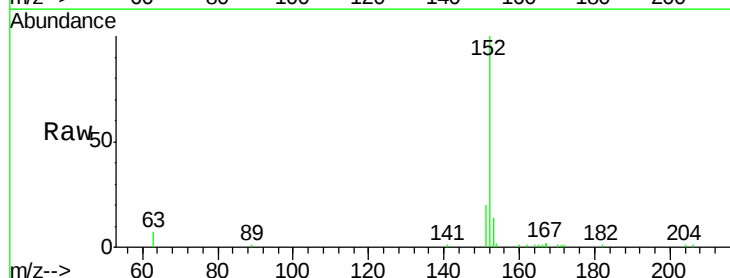
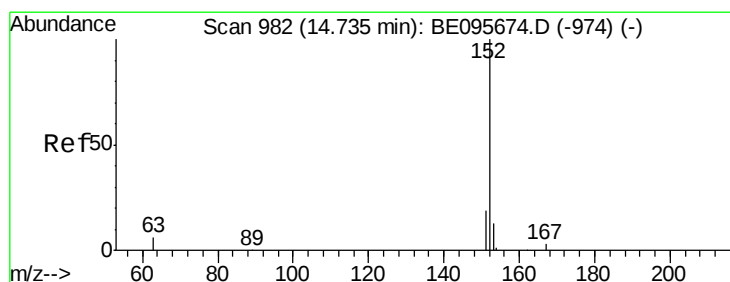
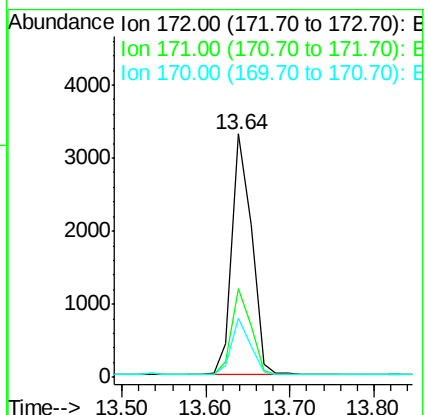
Tot Ion:172 Resp: 5278

Ion Ratio Lower Upper

172 100

171 36.4 29.9 44.9

170 24.6 21.8 32.8



#16

Acenaphthylene

Concen: 0.357 ng

RT: 14.74 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

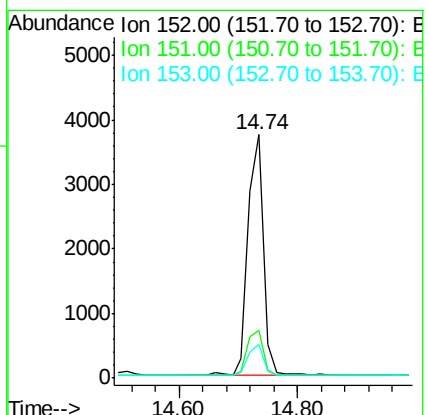
Tgt Ion:152 Resp: 6672

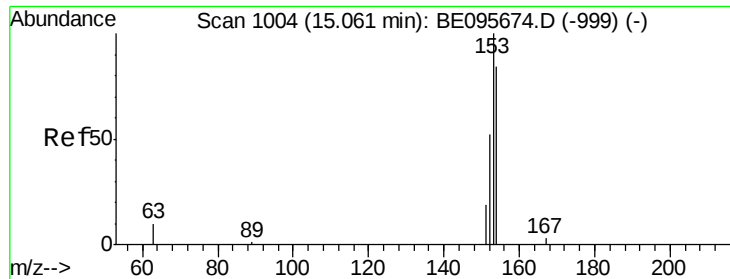
Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 12.7 10.5 15.7

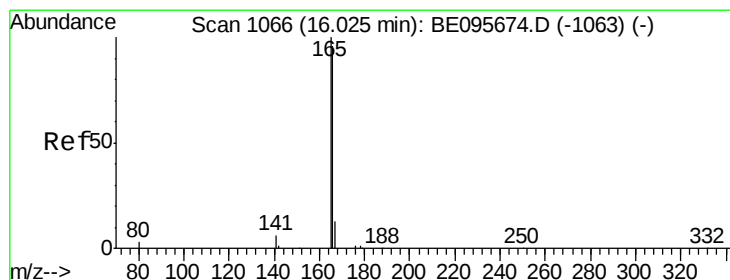
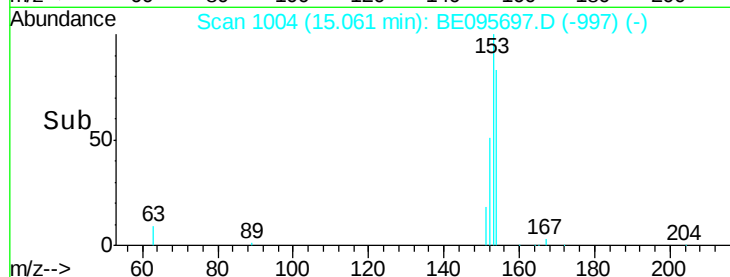
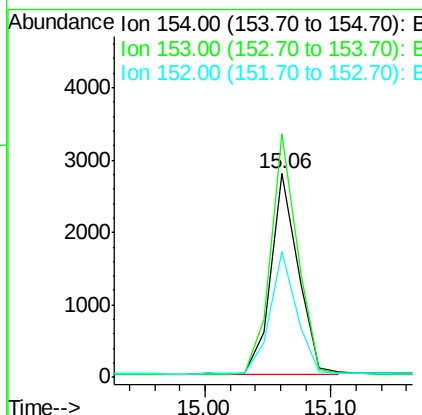
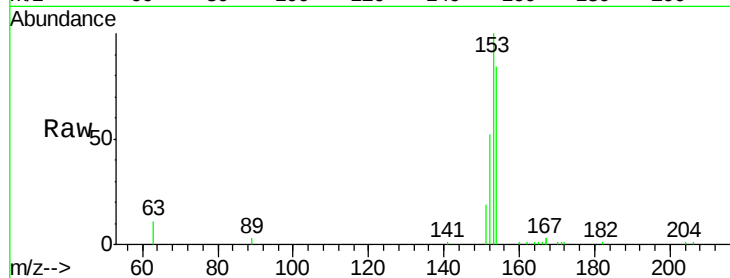




#17
Acenaphthene
Concen: 0.355 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095697.D
Acq: 27 Feb 2018 11:01

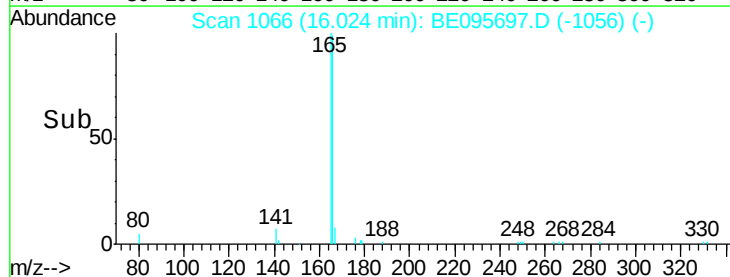
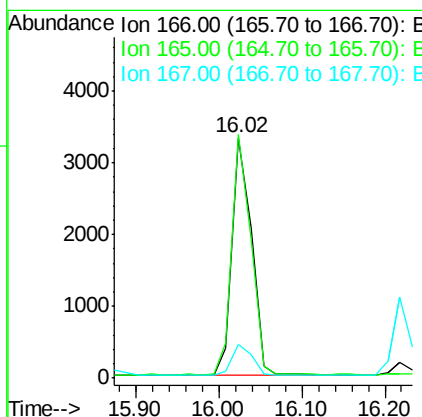
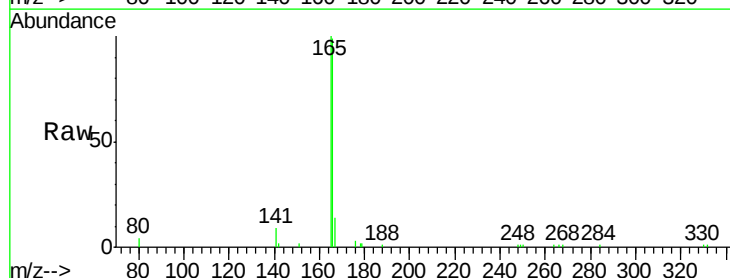
Instrument :
BNA_E
ClientSampleId :

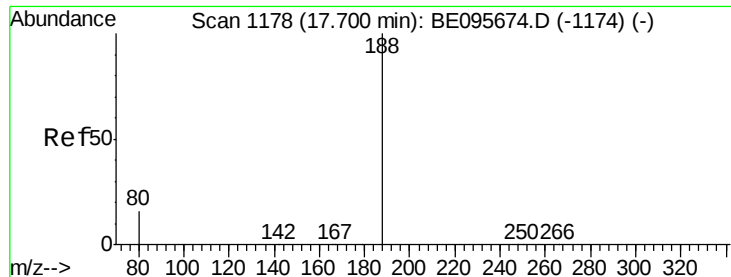
Tot Ion:154 Resp: 4169
Ion Ratio Lower Upper
154 100
153 117.9 89.2 133.8
152 60.0 42.0 63.0



#18
Fluorene
Concen: 0.363 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BE095697.D
Acq: 27 Feb 2018 11:01

Tgt Ion:166 Resp: 5283
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.6
167 13.5 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampled :

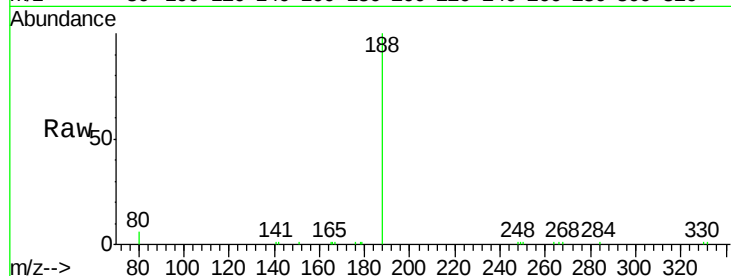
Tot Ion:188 Resp: 7551

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

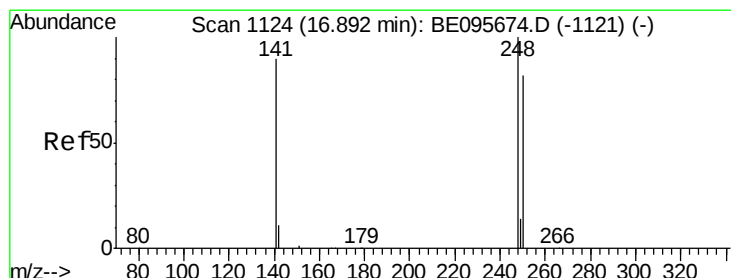
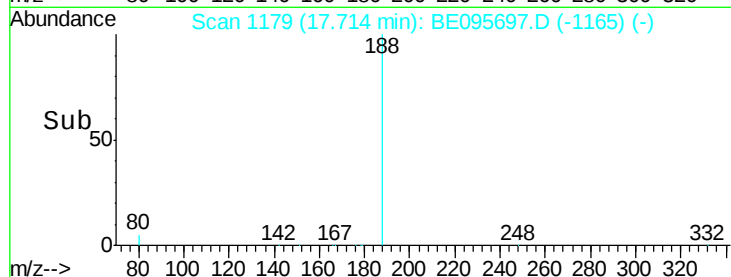
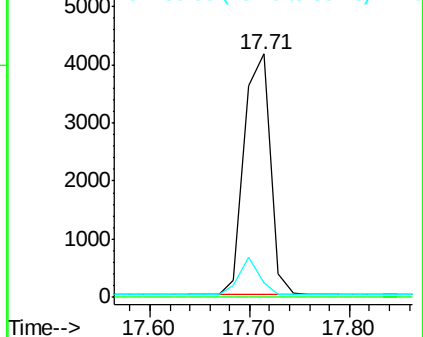
80 6.1 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.355 ng

RT: 16.89 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

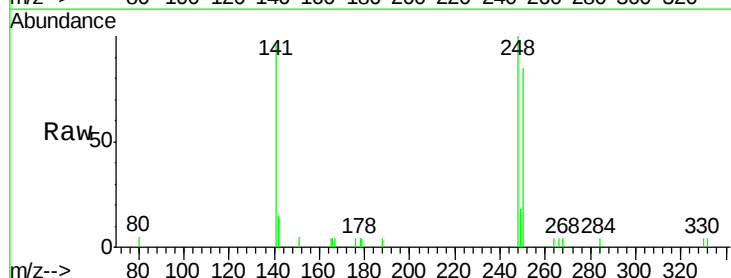
Tgt Ion:248 Resp: 1684

Ion Ratio Lower Upper

248 100

250 85.1 62.7 94.1

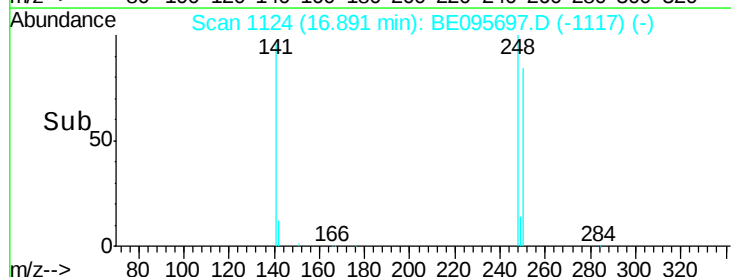
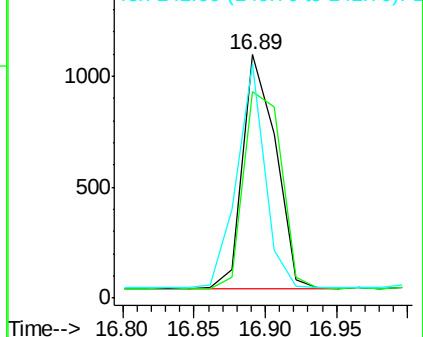
141 96.4 48.2 72.2#

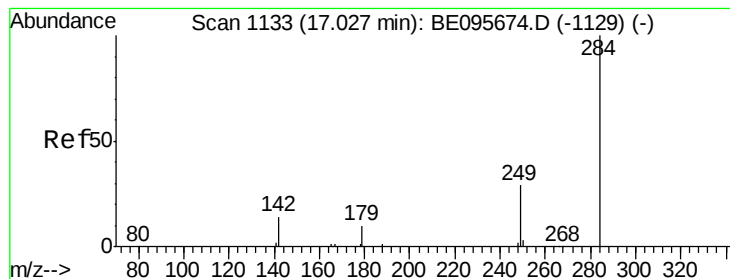


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.352 ng

RT: 17.03 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampleId :

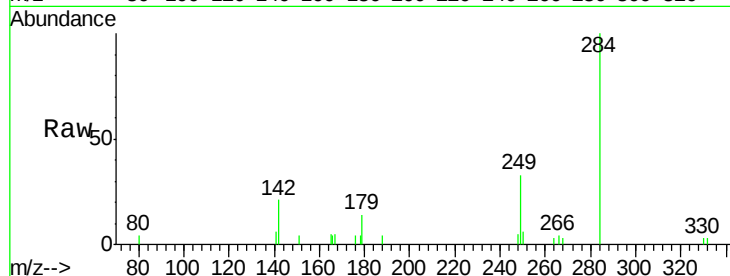
Tot Ion:284 Resp: 1728

Ion Ratio Lower Upper

284 100

142 40.3 22.1 33.1#

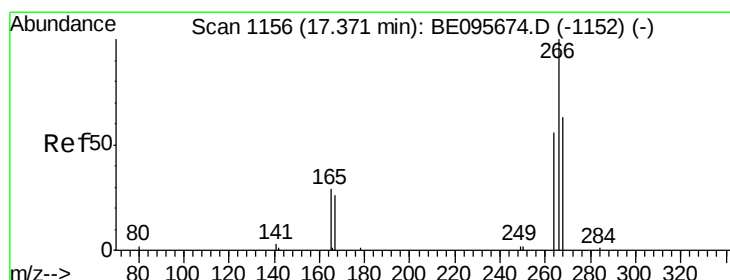
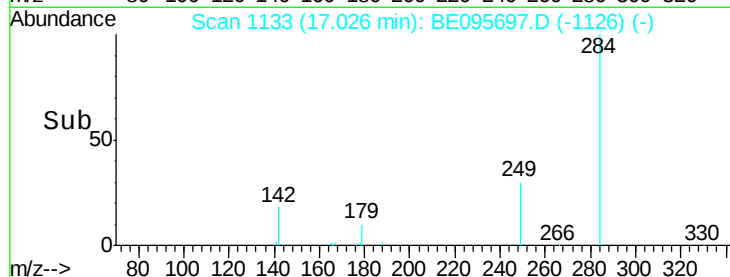
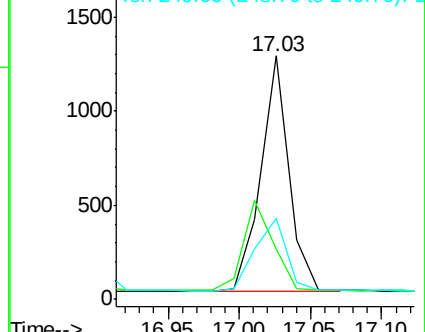
249 34.5 34.8 52.2#



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: 0.419 ng

RT: 17.35 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

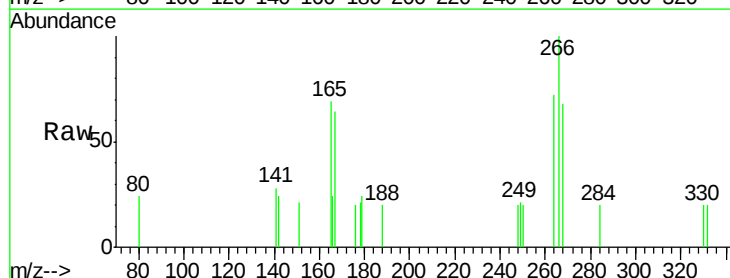
Tgt Ion:266 Resp: 434

Ion Ratio Lower Upper

266 100

264 71.6 72.5 108.7#

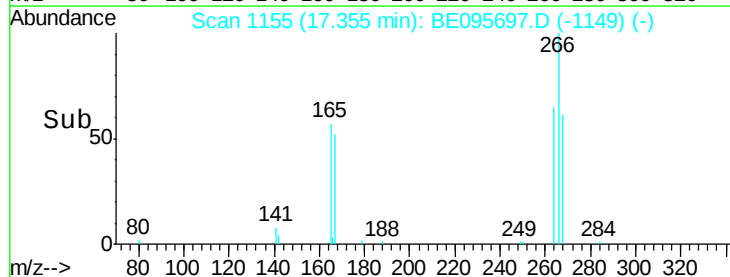
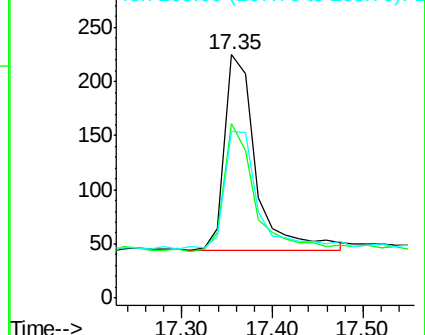
268 68.4 73.8 110.6#

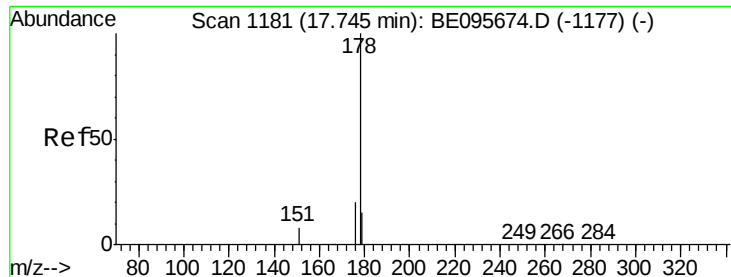


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.357 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

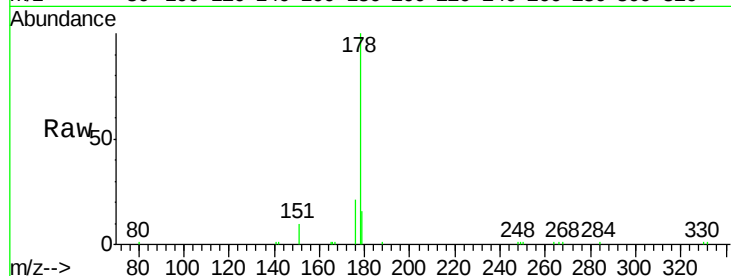
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 8426

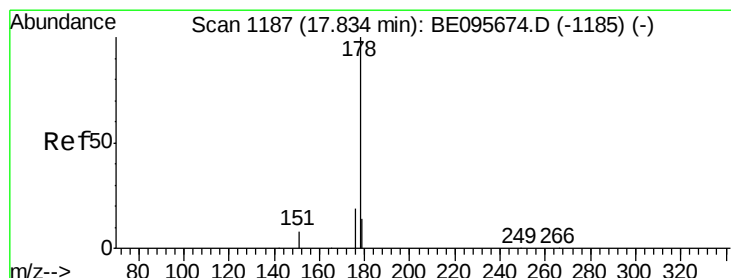
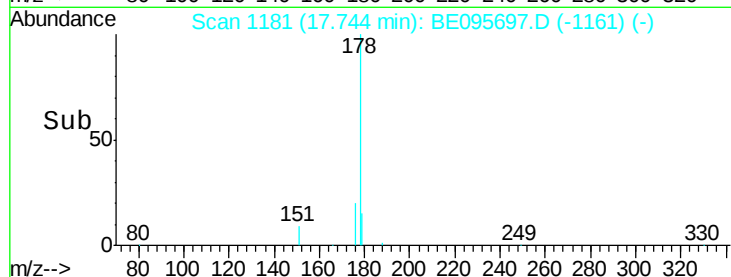
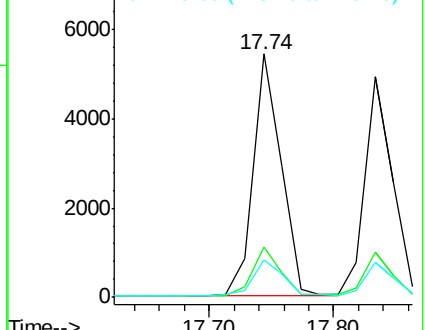
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.0	11.8	17.6



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: 0.347 ng

RT: 17.83 min Scan# 1187

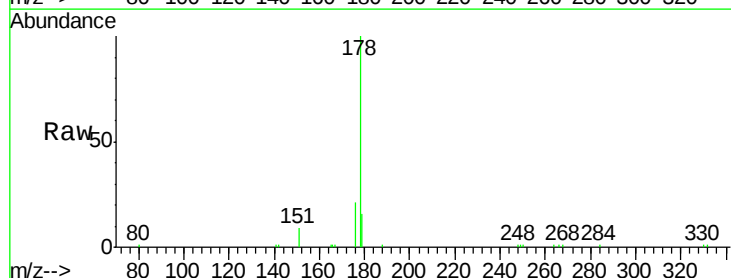
Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Tgt Ion:178 Resp: 7524

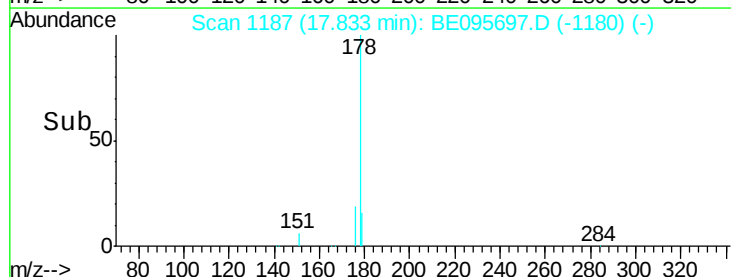
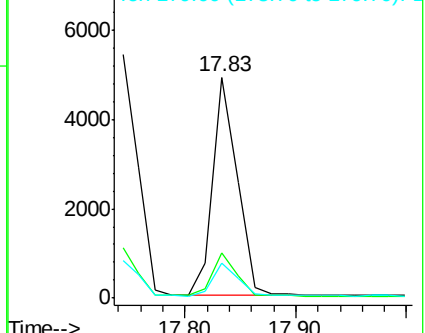
Ion	Ratio	Lower	Upper
178	100		
176	19.6	12.8	19.2#
179	15.4	13.0	19.6

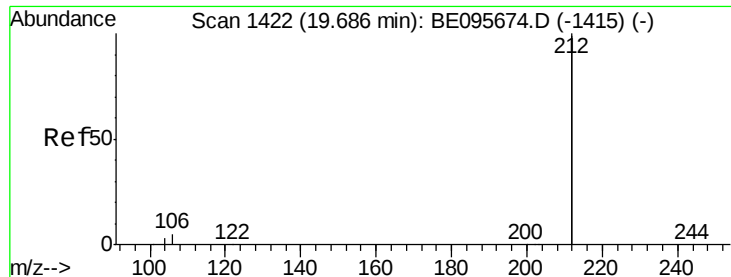


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.356 ng

RT: 19.69 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampleId :

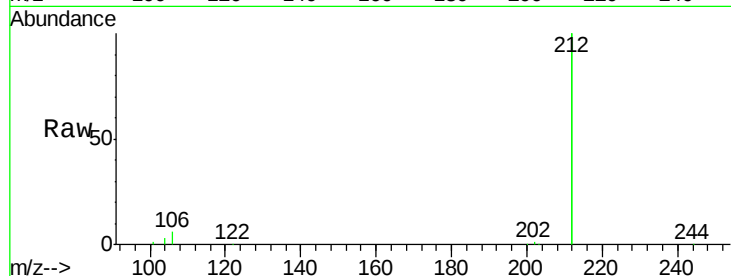
Tot Ion:212 Resp: 35084

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

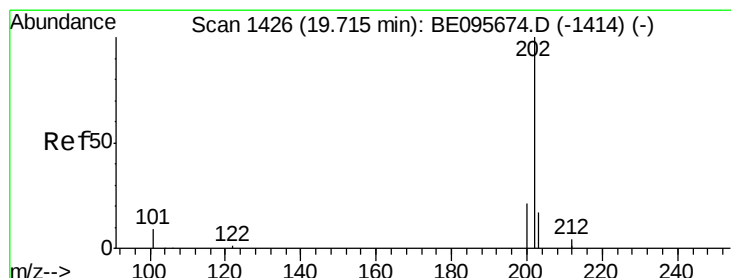
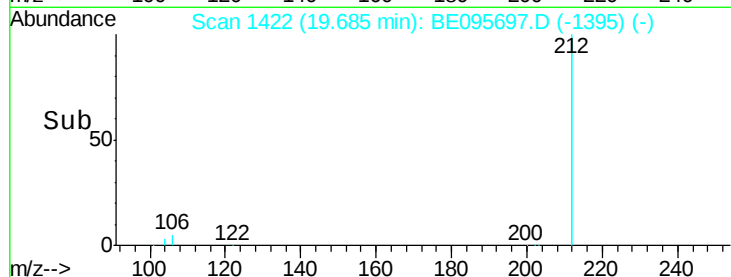
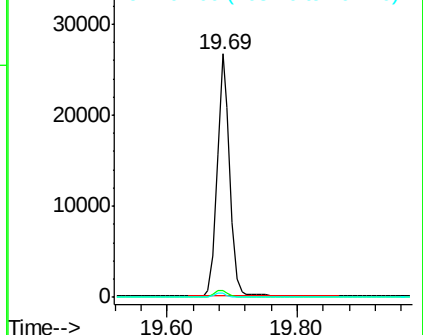
104 1.6 1.6 2.4



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: 0.354 ng

RT: 19.71 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

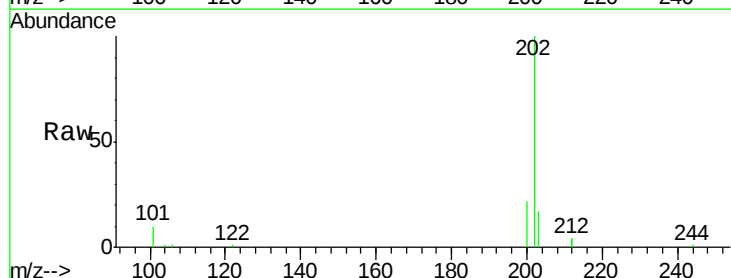
Tgt Ion:202 Resp: 10283

Ion Ratio Lower Upper

202 100

101 9.9 9.8 14.8

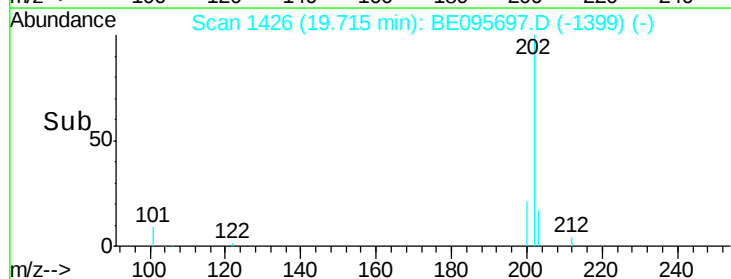
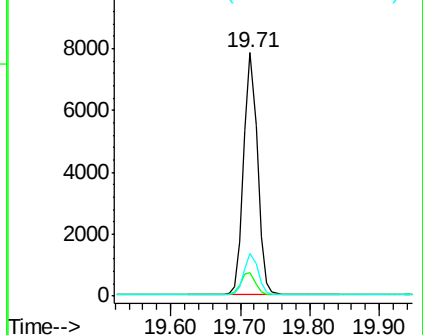
203 16.9 13.7 20.5

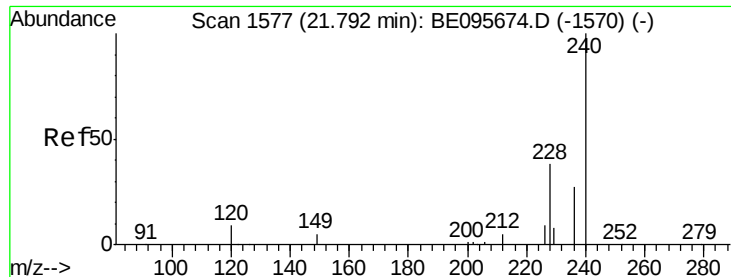


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

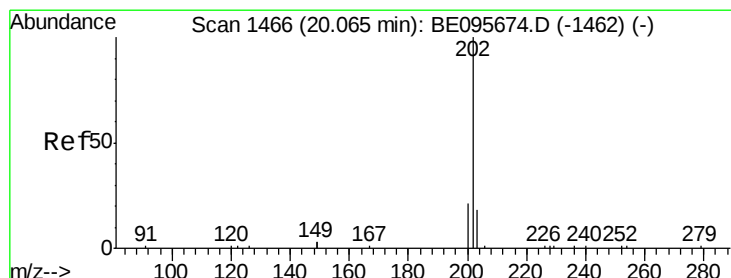
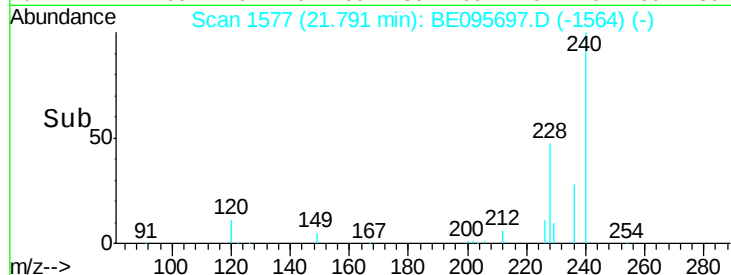
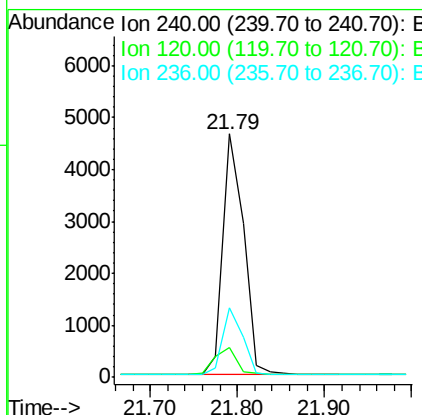
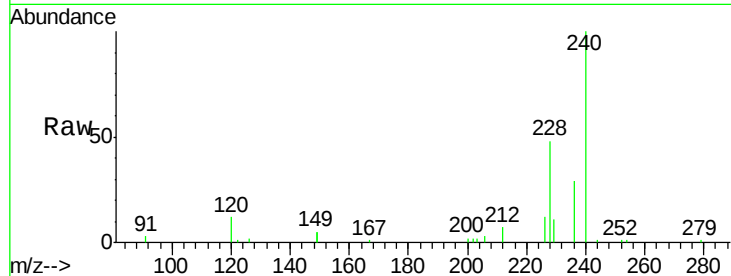




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.79 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BE095697.D
 Acq: 27 Feb 2018 11:01

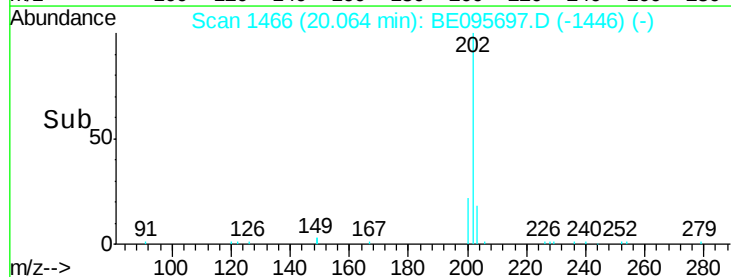
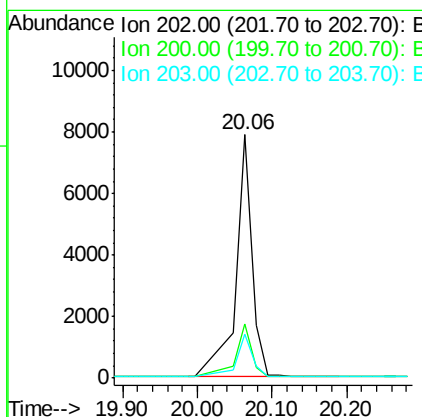
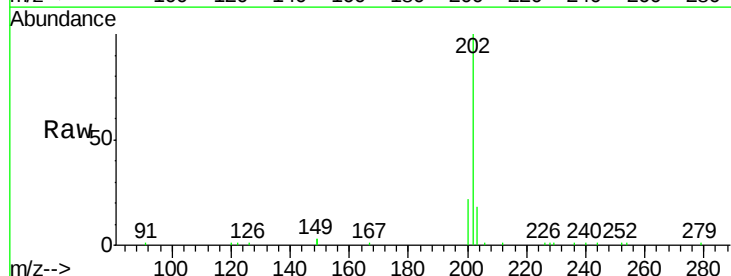
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 7697
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.5 8.3#
 236 28.6 20.7 31.1



#28
 Pyrene
 Concen: 0.385 ng
 RT: 20.06 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BE095697.D
 Acq: 27 Feb 2018 11:01

Tgt Ion:202 Resp: 12117
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.6 25.0
 203 18.9 13.8 20.8





#29

Terphenyl-d14

Concen: 0.366 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampled :

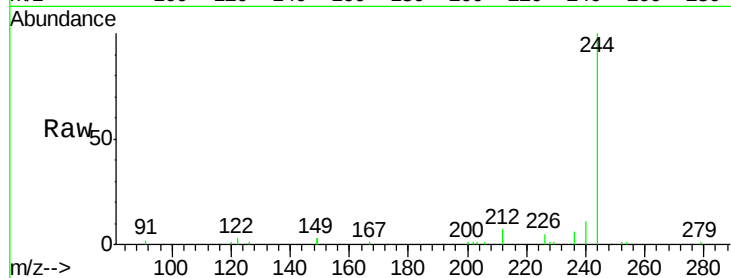
Tot Ion:244 Resp: 5623

Ion Ratio Lower Upper

244 100

212 6.8 25.4 38.0#

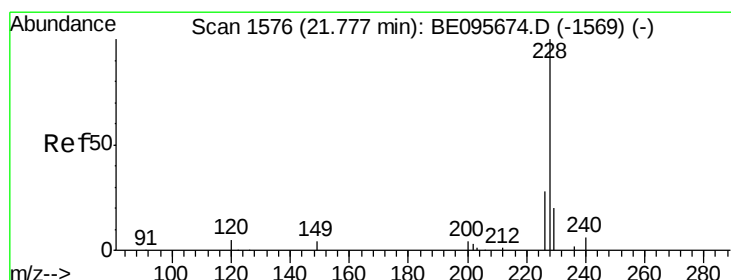
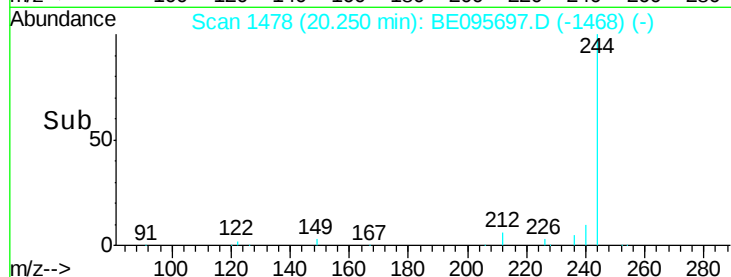
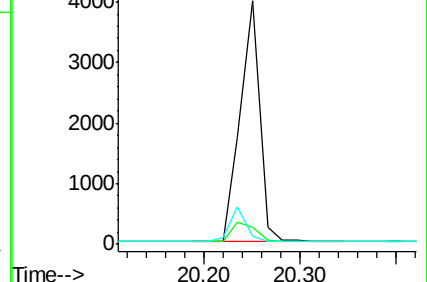
122 3.1 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.372 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

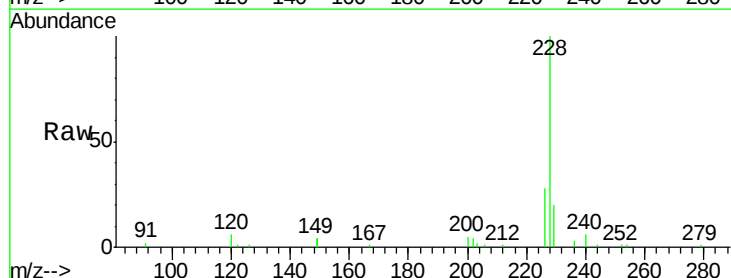
Tgt Ion:228 Resp: 9354

Ion Ratio Lower Upper

228 100

226 28.1 24.0 36.0

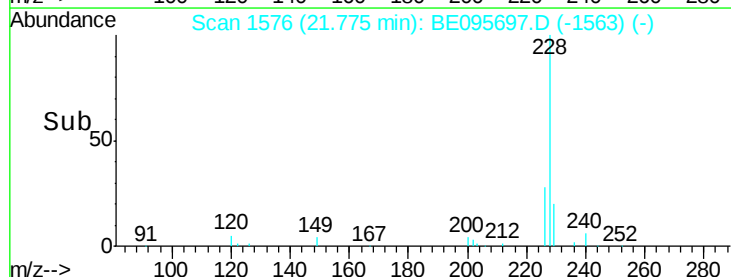
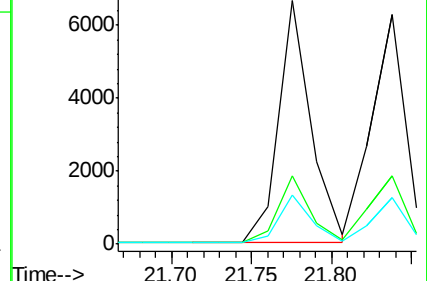
229 20.1 16.0 24.0

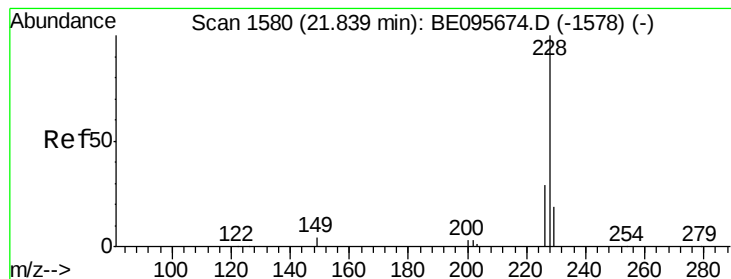


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.369 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

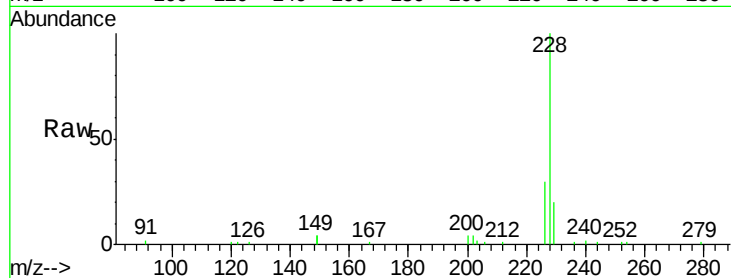
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 9206

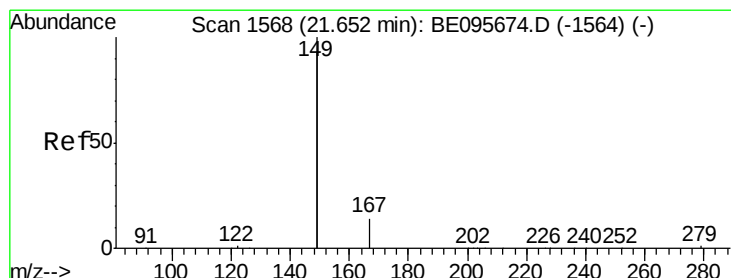
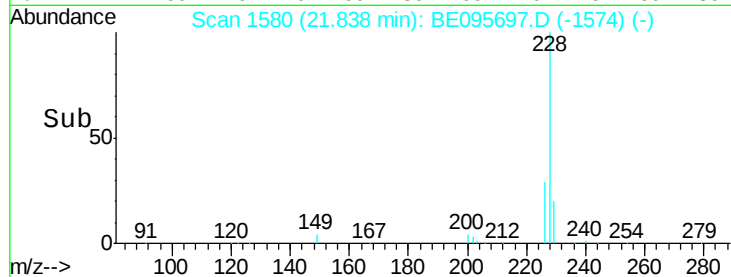
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.4	16.0	24.0



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: 0.377 ng

RT: 21.65 min Scan# 1568

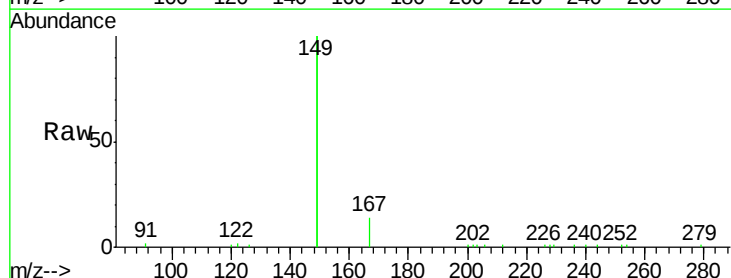
Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Tgt Ion:149 Resp: 16754

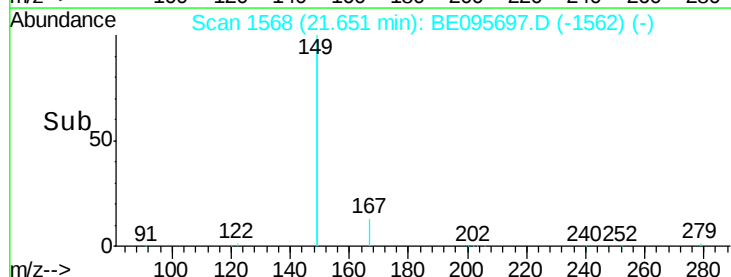
Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1

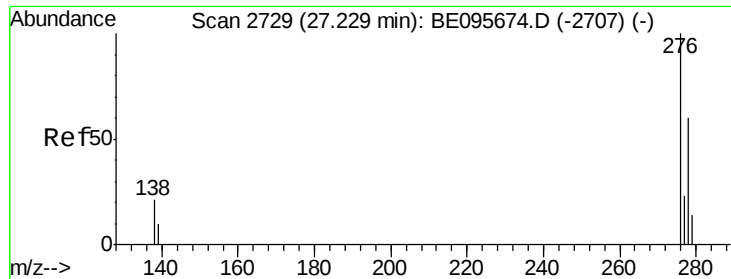


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

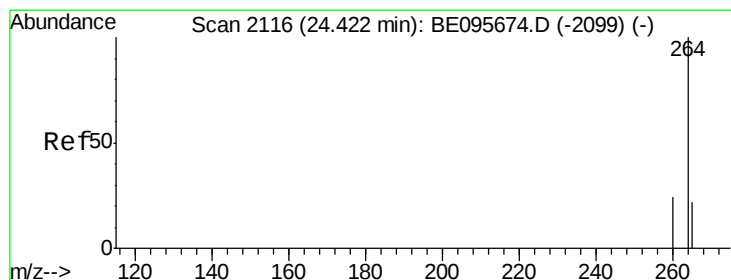
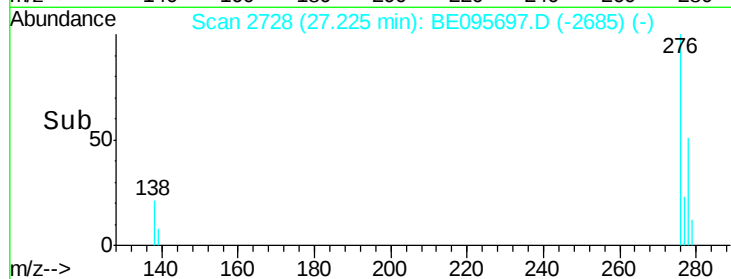
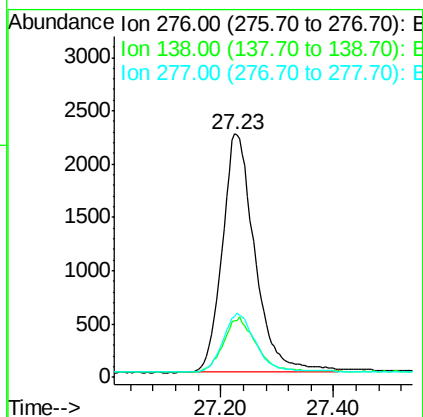
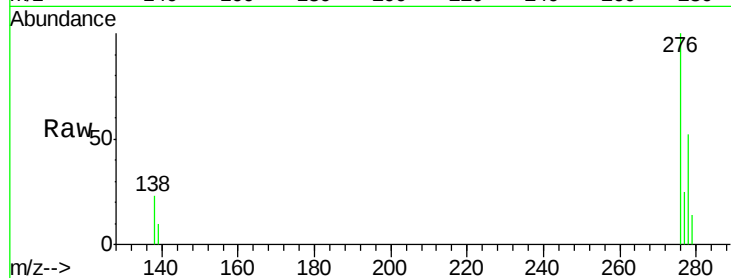




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.366 ng
 RT: 27.23 min Scan# 2728
 Delta R.T. -0.00 min
 Lab File: BE095697.D
 Acq: 27 Feb 2018 11:01

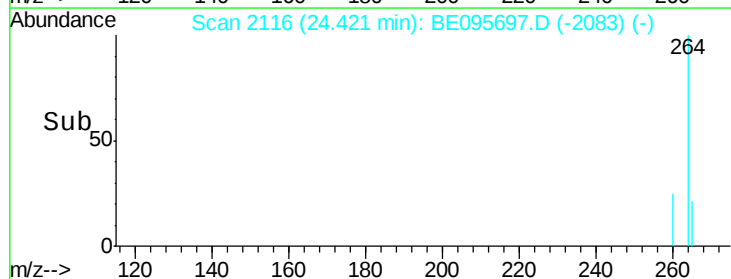
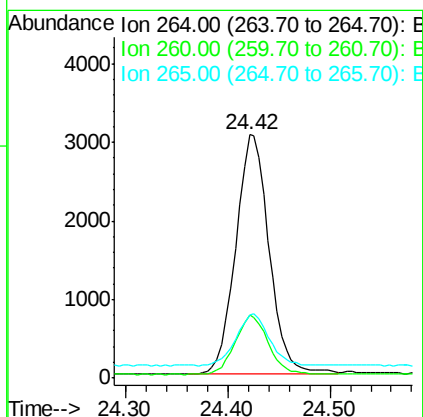
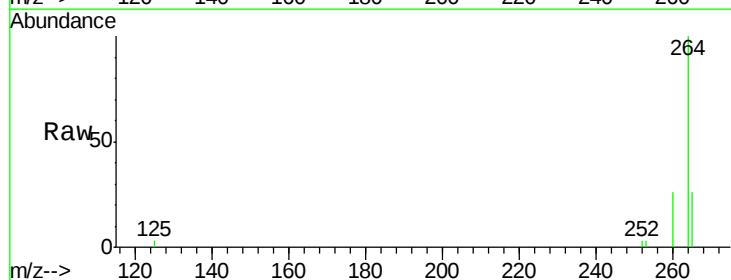
Instrument :
 BNA_E
 ClientSampleId :

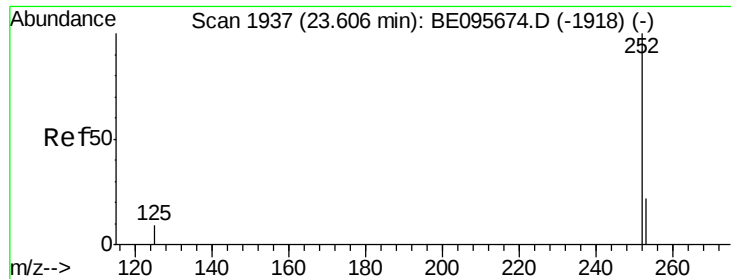
Tot Ion:276 Resp: 8862
 Ion Ratio Lower Upper
 276 100
 138 22.4 22.5 33.7#
 277 24.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.42 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: BE095697.D
 Acq: 27 Feb 2018 11:01

Tgt Ion:264 Resp: 6912
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.5 30.7
 265 26.2 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.354 ng

RT: 23.61 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampleId :

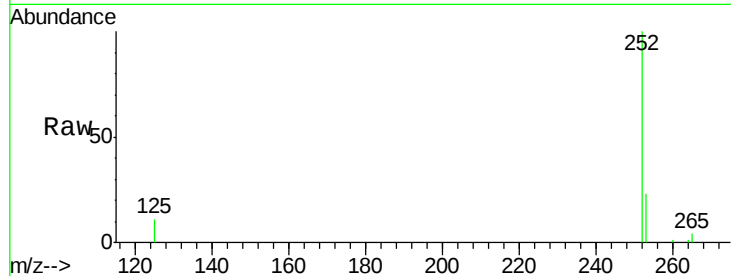
Tot Ion:252 Resp: 8723

Ion Ratio Lower Upper

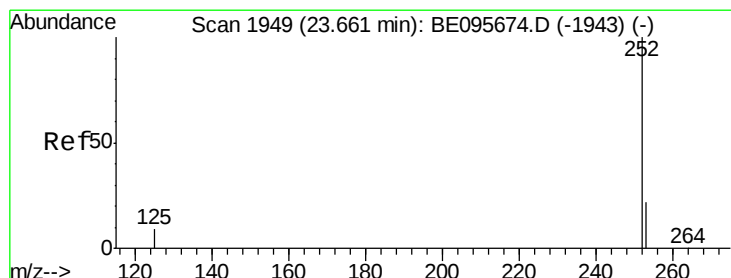
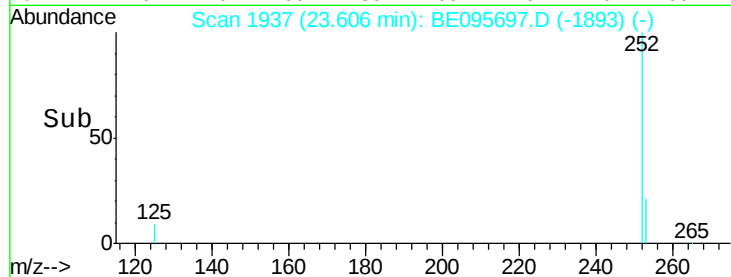
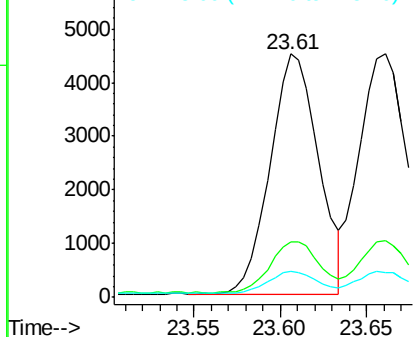
252 100

253 23.0 20.0 30.0

125 10.9 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: 0.363 ng

RT: 23.66 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

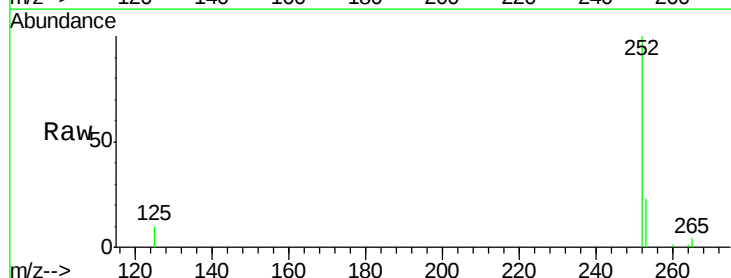
Tgt Ion:252 Resp: 8883

Ion Ratio Lower Upper

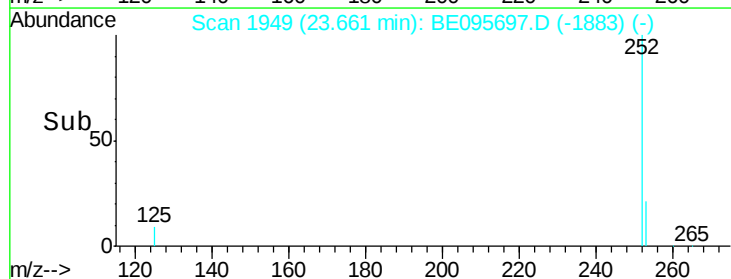
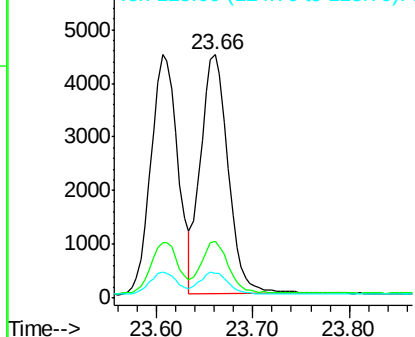
252 100

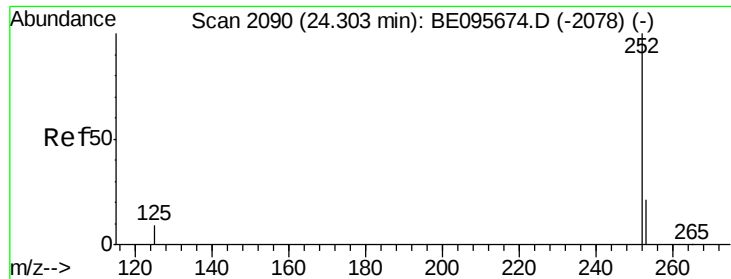
253 23.1 16.0 24.0

125 10.1 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: 0.360 ng

RT: 24.30 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampleId :

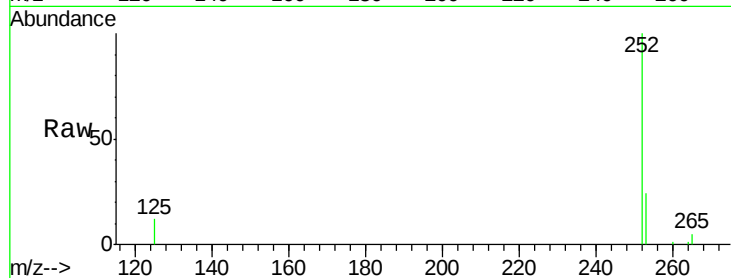
Tot Ion:252 Resp: 7999

Ion Ratio Lower Upper

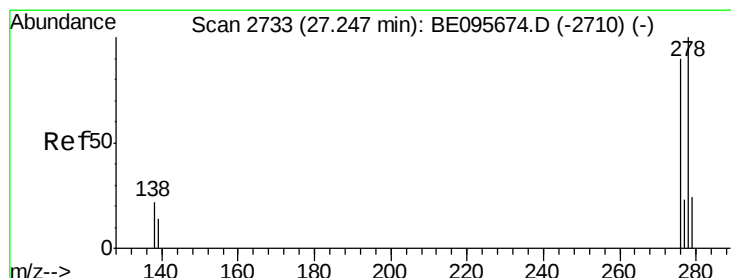
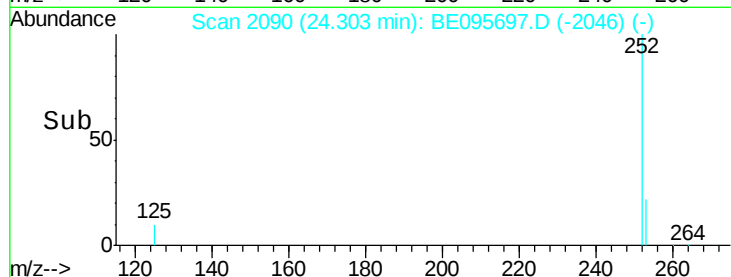
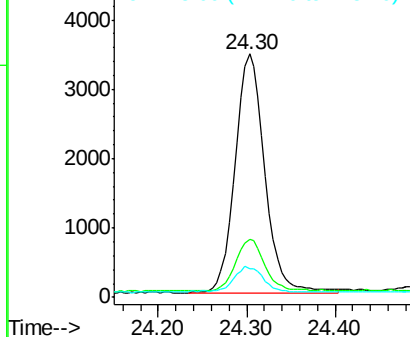
252 100

253 23.9 16.0 24.0

125 11.5 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: 0.361 ng

RT: 27.25 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

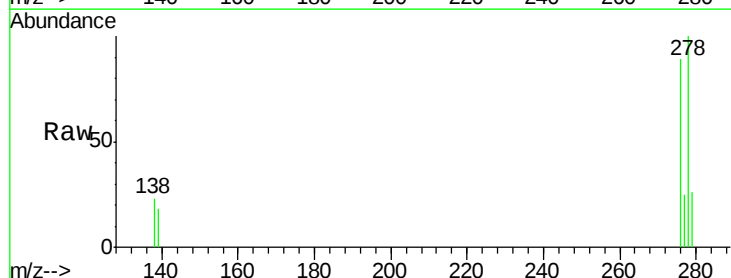
Tgt Ion:278 Resp: 7135

Ion Ratio Lower Upper

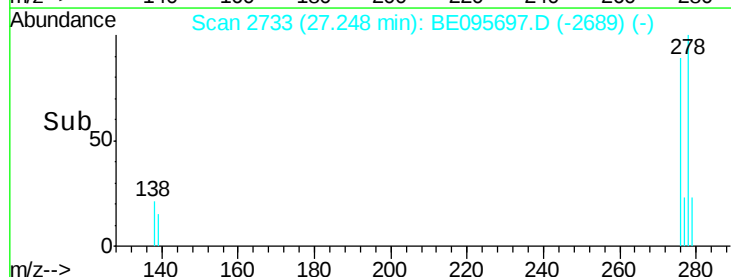
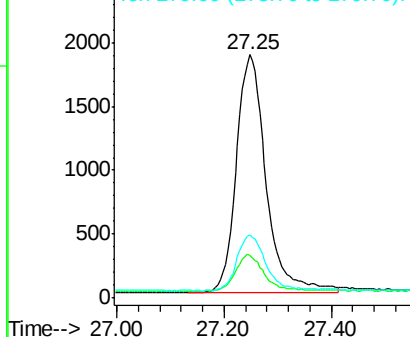
278 100

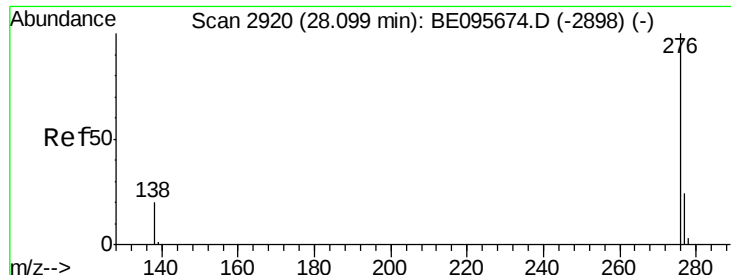
139 17.7 16.0 24.0

279 26.1 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: 0.359 ng

RT: 28.10 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BE095697.D

Acq: 27 Feb 2018 11:01

Instrument :

BNA_E

ClientSampleId :

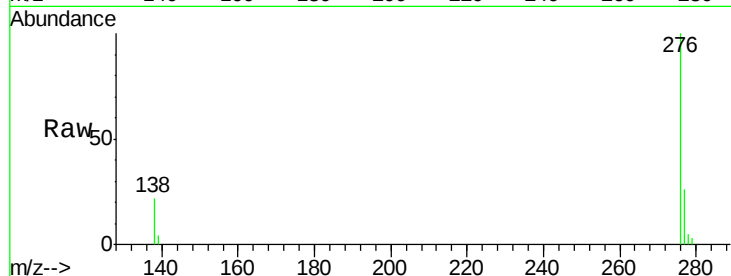
Tot Ion: 276 Resp: 7594

Ion Ratio Lower Upper

276 100

277 25.7 16.0 24.0#

138 21.6 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

