

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095971.D
 Acq On : 11 Apr 2018 15:22
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 11 15:57:56 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 15:27:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1292	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4971	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2719	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6463	0.40	ng	-0.01
27) Chrysene-d12	21.78	240	7332	0.40	ng	0.00
34) Perylene-d12	24.39	264	6987	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.88	112	3159	0.74	ng	0.00
5) Phenol-d6	7.53	99	4440	0.76	ng	0.00
8) Nitrobenzene-d5	9.57	82	4685	0.80	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	6315	0.76	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	1036	0.66	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	9342	0.82	ng	0.00
25) Fluoranthene-d10	19.66	212	70691	0.74	ng	0.00
29) Terphenyl-d14	20.22	244	13239	0.85	ng	0.00

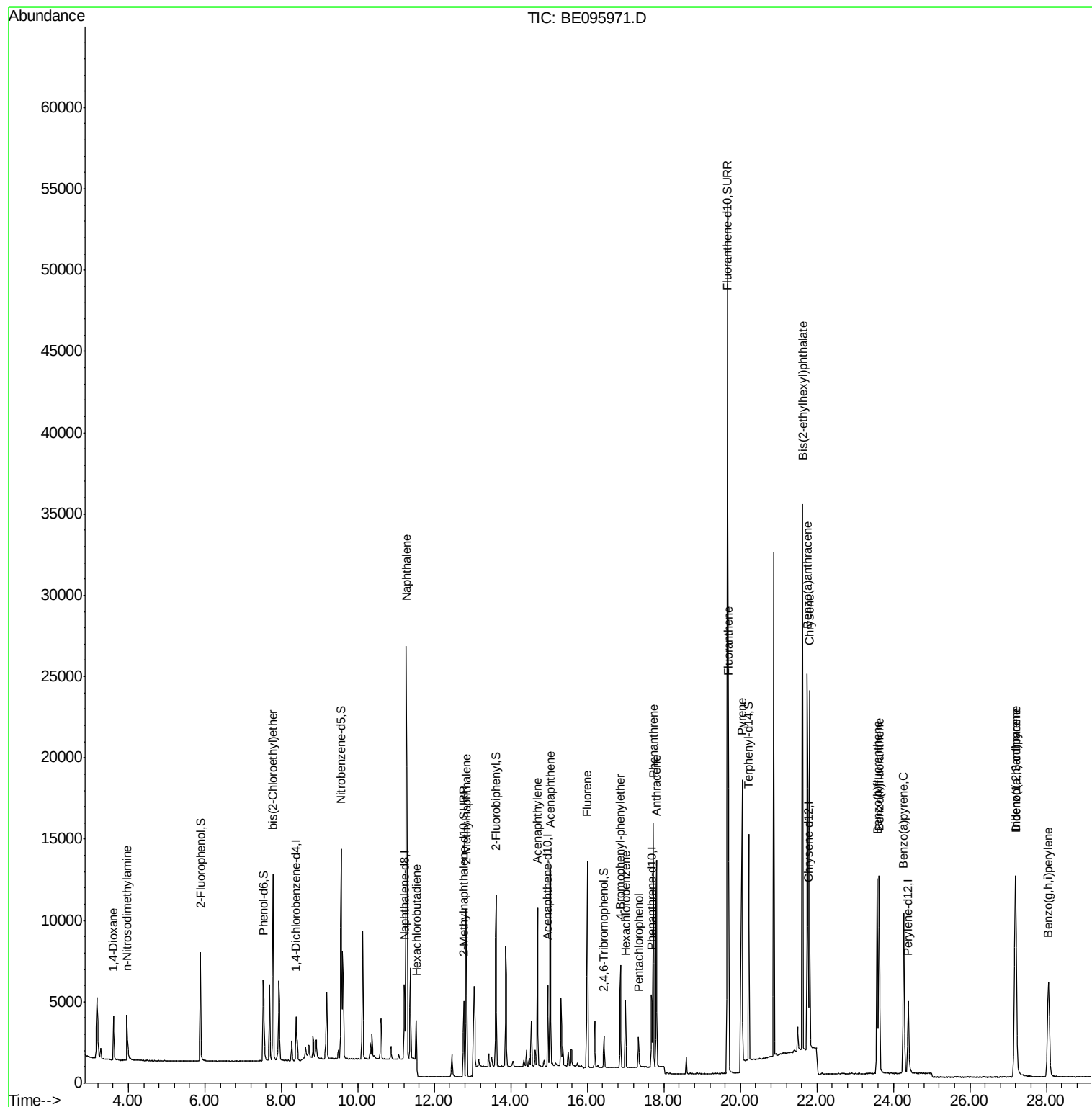
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	1681	0.795	ng	# 88
3) n-Nitrosodimethylamine	3.96	42	2049	0.660	ng	# 82
6) bis(2-Chloroethyl)ether	7.79	93	3921	0.776	ng	95
9) Naphthalene	11.27	128	41882	0.738	ng	100
10) Hexachlorobutadiene	11.53	225	2053	0.526	ng	92
12) 2-Methylnaphthalene	12.83	142	6986	0.720	ng	96
16) Acenaphthylene	14.69	152	11797	0.759	ng	100
17) Acenaphthene	15.04	154	6971	0.735	ng	95
18) Fluorene	15.99	166	8720	0.699	ng	# 79
20) 4-Bromophenyl-phenylether	16.87	248	3072	0.791	ng	# 85
21) Hexachlorobenzene	17.00	284	3070	0.791	ng	# 81
22) Pentachlorophenol	17.33	266	983	0.877	ng	# 76
23) Phenanthrene	17.72	178	14566	0.753	ng	99
24) Anthracene	17.81	178	14127	0.730	ng	95
26) Fluoranthene	19.69	202	19258	0.717	ng	98
28) Pyrene	20.05	202	11925	0.399	ng	96
30) Benzo(a)anthracene	21.75	228	18744	0.737	ng	97
31) Chrysene	21.81	228	18942	0.816	ng	99
32) Bis(2-ethylhexyl)phthalate	21.63	149	48262	0.621	ng	100
33) Indeno(1,2,3-cd)pyrene	27.18	276	17983	0.719	ng	96
35) Benzo(b)fluoranthene	23.58	252	16975	0.734	ng	# 88
36) Benzo(k)fluoranthene	23.63	252	17722	0.767	ng	96
37) Benzo(a)pyrene	24.27	252	16393	0.757	ng	# 94
38) Dibenzo(a,h)anthracene	27.20	278	14728	0.715	ng	95
39) Benzo(g,h,i)perylene	28.05	276	15213	0.736	ng	# 92

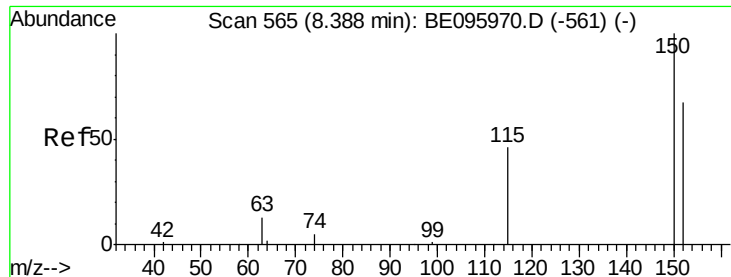
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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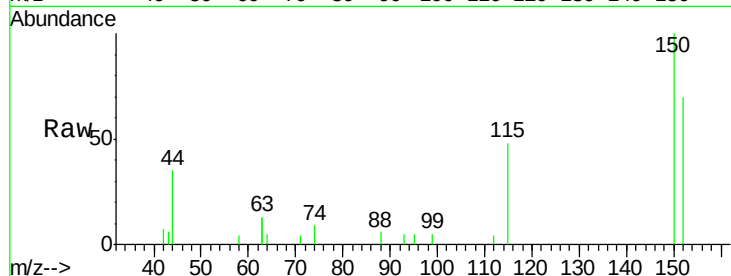


#1

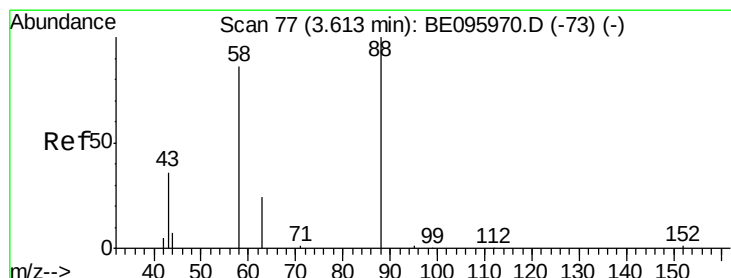
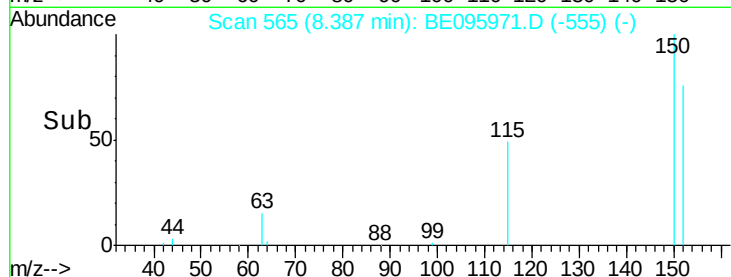
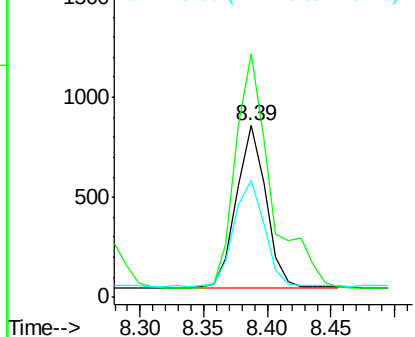
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1292
Ion Ratio Lower Upper
152 100
150 142.0 117.2 175.8
115 67.9 57.0 85.6



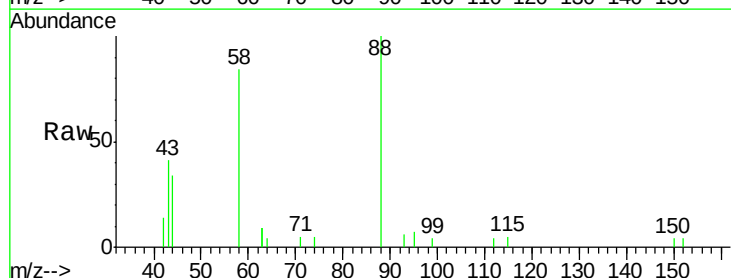
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



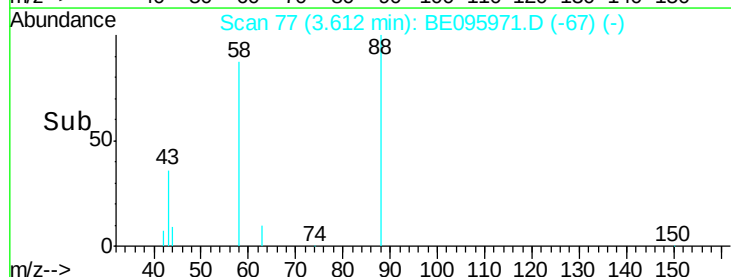
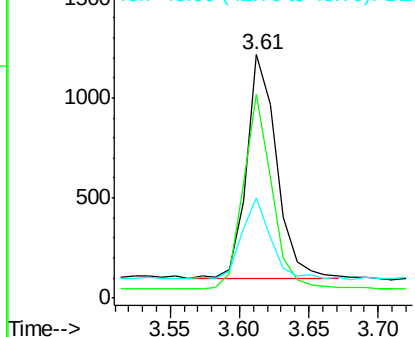
#2

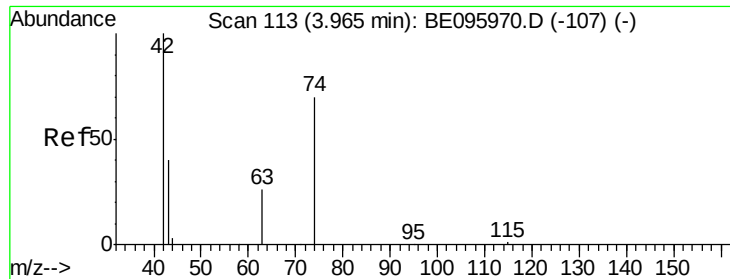
1,4-Dioxane
Concen: 0.795 ng
RT: 3.61 min Scan# 77
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion: 88 Resp: 1681
Ion Ratio Lower Upper
88 100
58 82.8 63.2 94.8
43 34.8 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



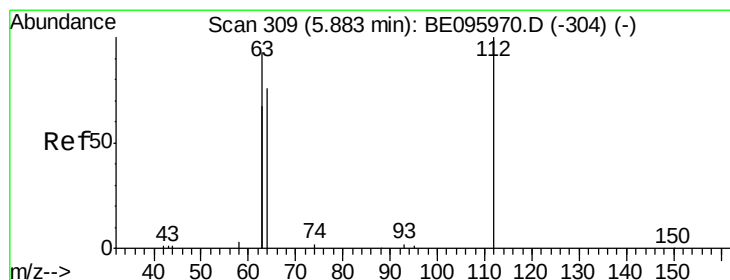
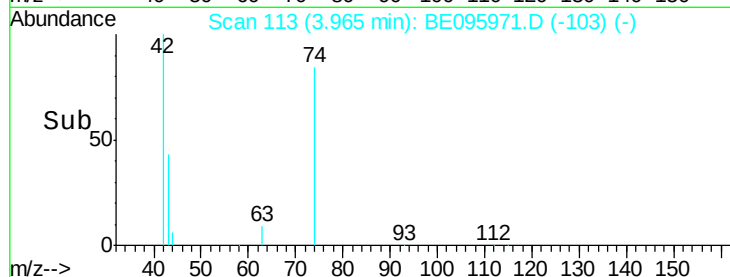
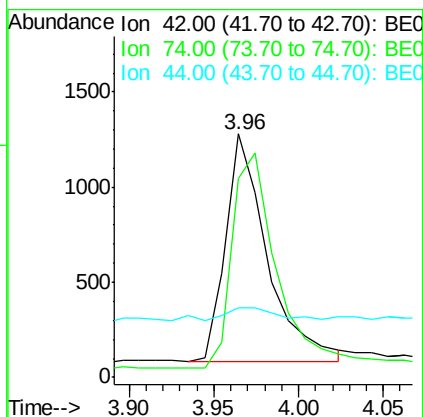
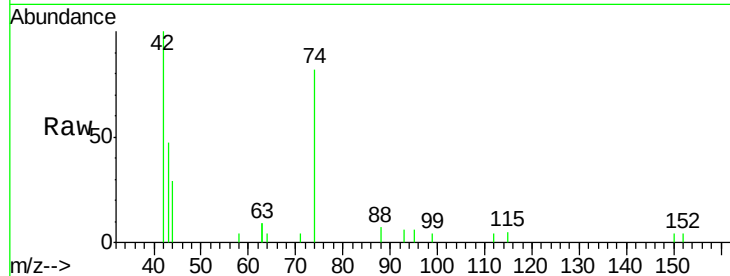


#3

n-Nitrosodimethylamine
 Concen: 0.660 ng
 RT: 3.96 min Scan# 113
 Delta R.T. -0.00 min
 Lab File: BE095971.D
 Acq: 11 Apr 2018 15:22

Instrument :
 BNA_E
 ClientSampleId :

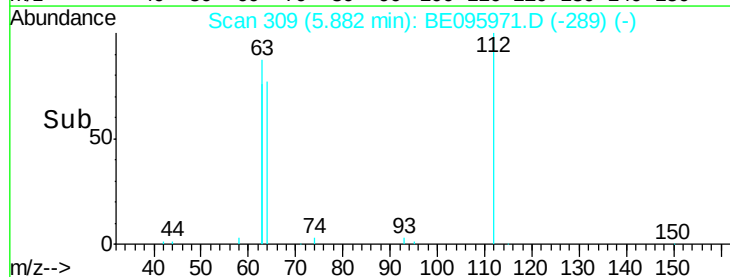
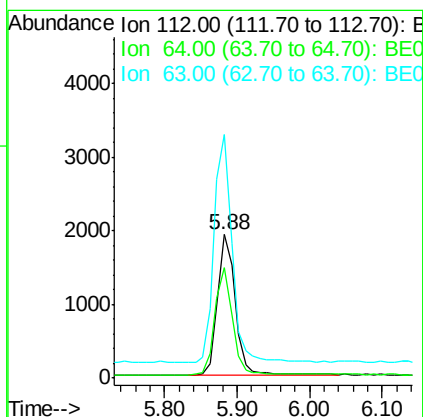
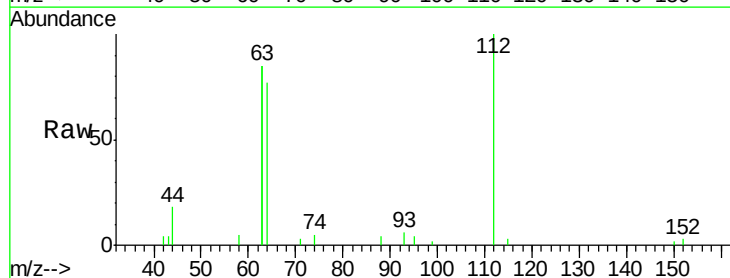
Tot Ion: 42 Resp: 2049
 Ion Ratio Lower Upper
 42 100
 74 100.0 96.0 144.0
 44 7.9 12.0 18.0#

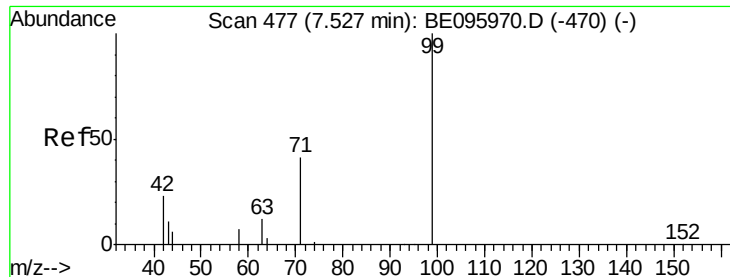


#4

2-Fluorophenol
 Concen: 0.742 ng
 RT: 5.88 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: BE095971.D
 Acq: 11 Apr 2018 15:22

Tgt Ion: 112 Resp: 3159
 Ion Ratio Lower Upper
 112 100
 64 76.8 60.1 90.1
 63 166.7 116.8 175.2





#5

Phenol-d6

Concen: 0.758 ng

RT: 7.53 min Scan# 477

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :

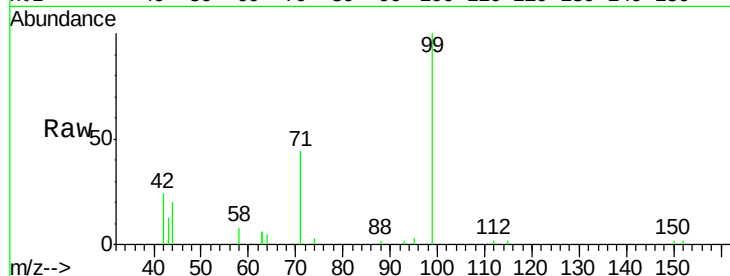
Tot Ion: 99 Resp: 4440

Ion Ratio Lower Upper

99 100

42 25.8 20.2 30.2

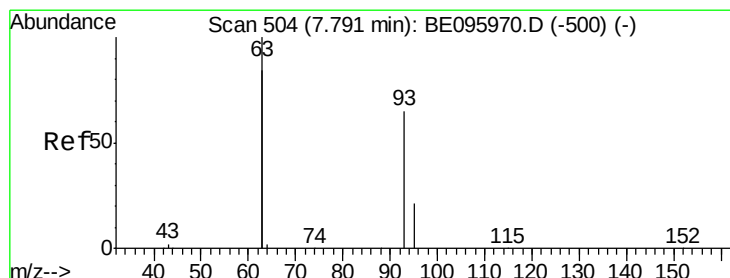
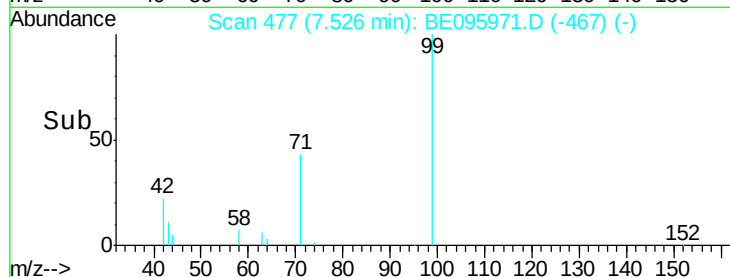
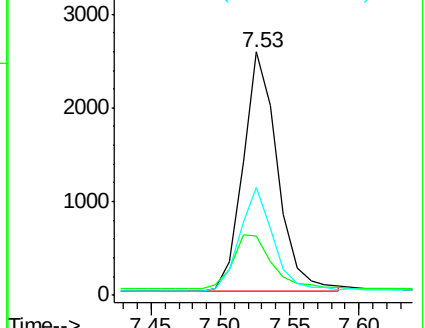
71 41.6 28.4 42.6



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: 0.776 ng

RT: 7.79 min Scan# 504

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

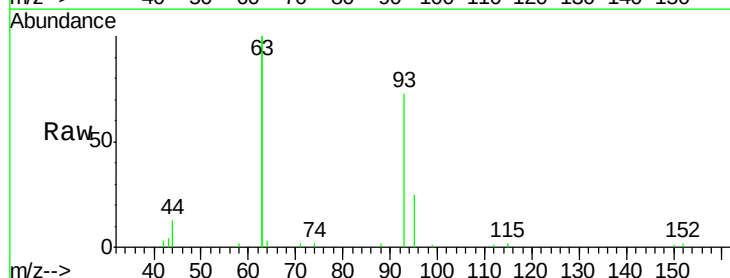
Tgt Ion: 93 Resp: 3921

Ion Ratio Lower Upper

93 100

63 332.9 275.3 412.9

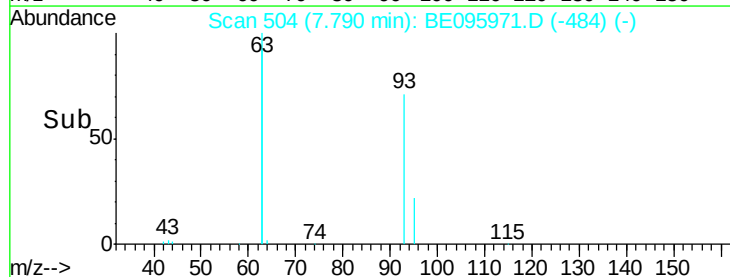
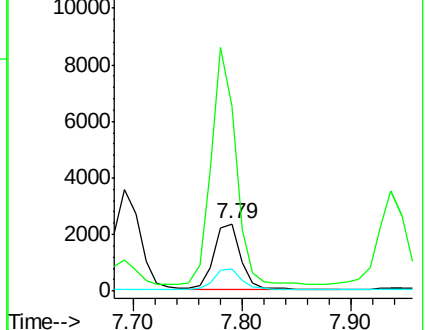
95 31.7 25.2 37.8

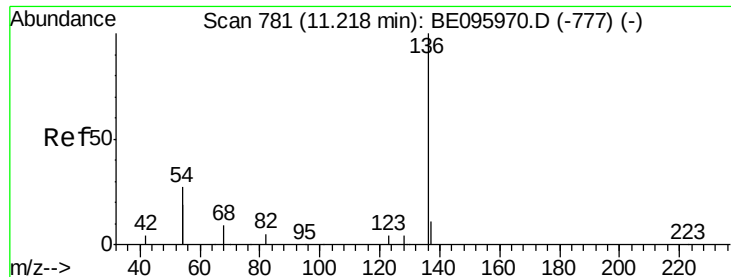


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095971.D

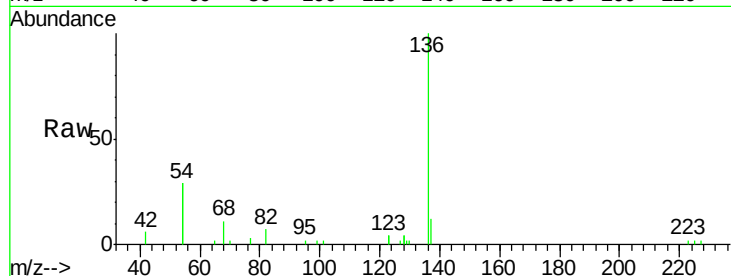
Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	4971
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.5 14.3
54	59.0	29.1 43.7#
68	10.6	6.2 9.2#

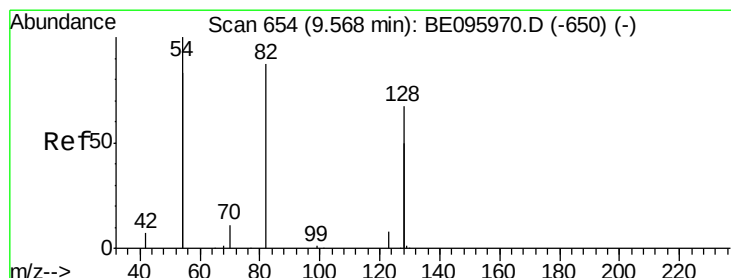
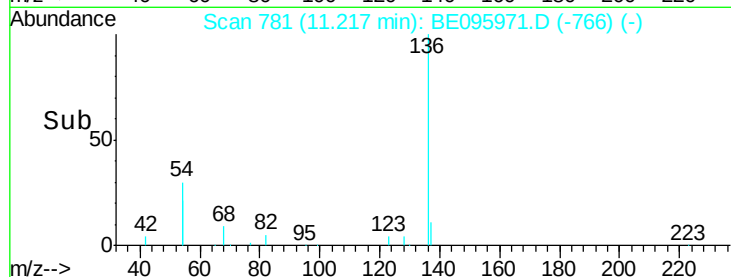
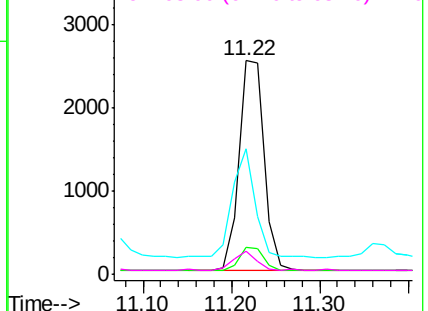


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.798 ng

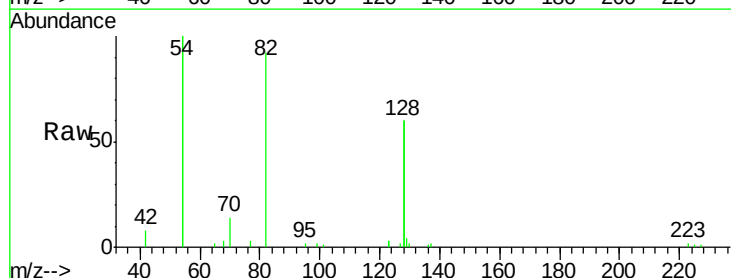
RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

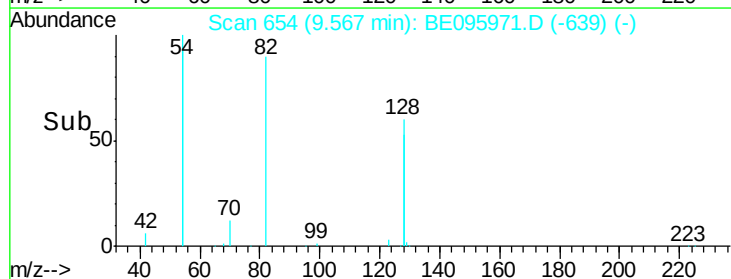
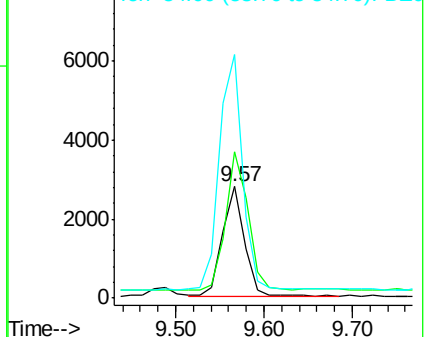
Tgt Ion: 82	Resp:	4685
Ion Ratio	Lower	Upper
82	100	
128	131.2	150.0 225.0#
54	218.4	154.2 231.4

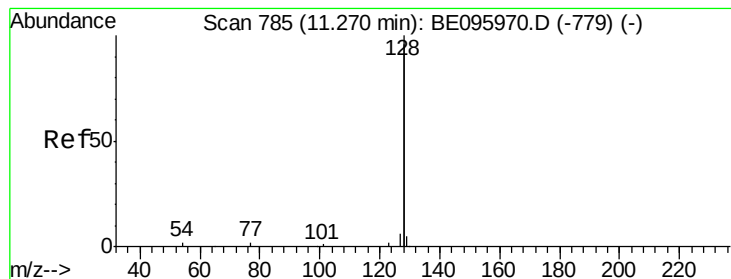


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.738 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :

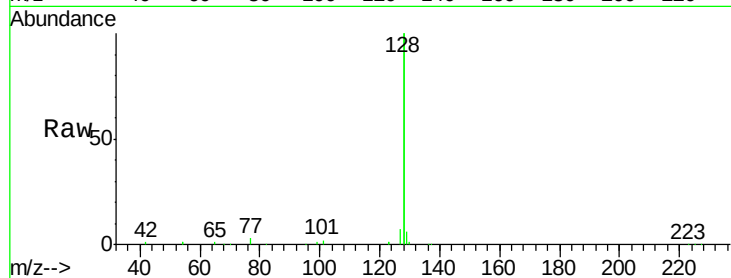
Tot Ion:128 Resp: 41882

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

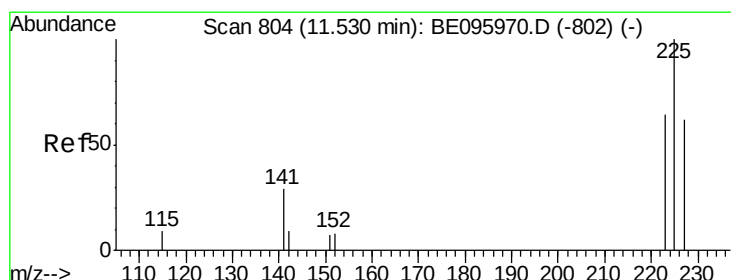
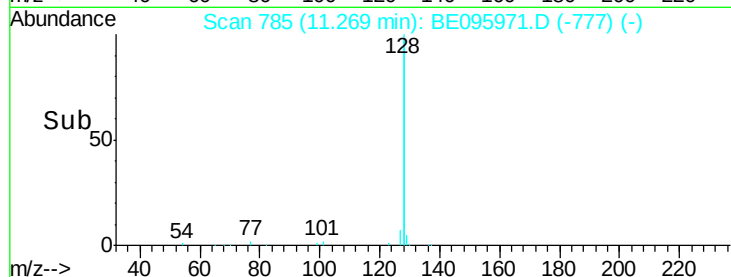
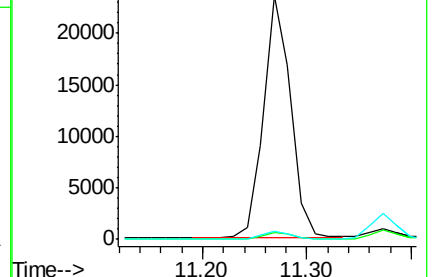
127 3.5 2.8 4.2



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: 0.526 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

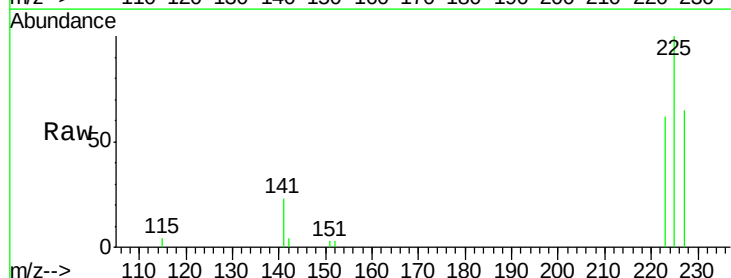
Tgt Ion:225 Resp: 2053

Ion Ratio Lower Upper

225 100

223 55.6 53.0 79.6

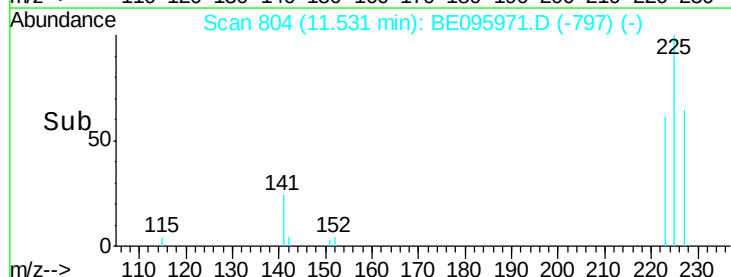
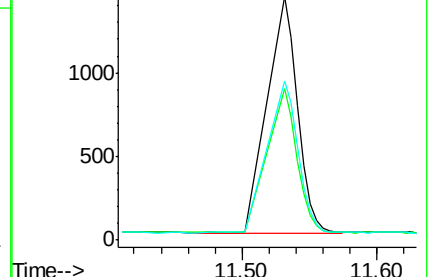
227 66.5 51.4 77.2

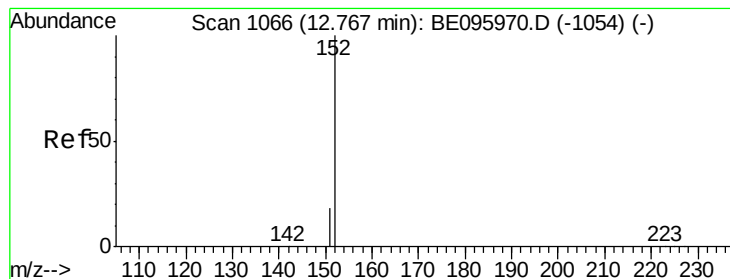


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.761 ng

RT: 12.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

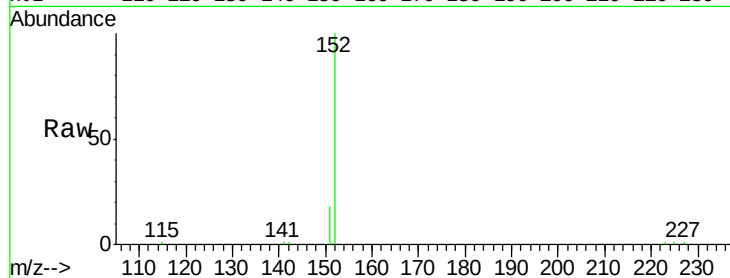
ClientSampleId :

Tot Ion:152 Resp: 6315

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.76

4000

3000

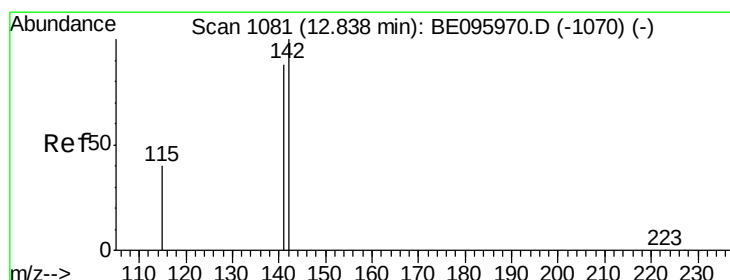
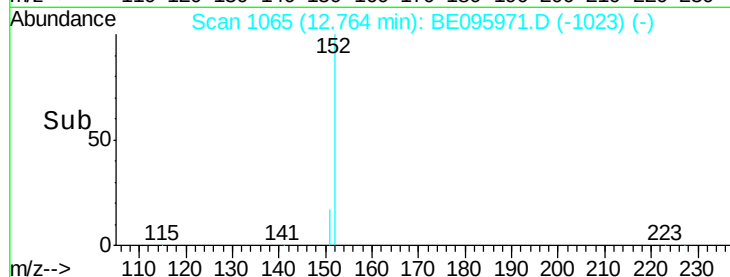
2000

1000

0

Time-->

12.70 12.80



#12

2-Methylnaphthalene

Concen: 0.720 ng

RT: 12.83 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

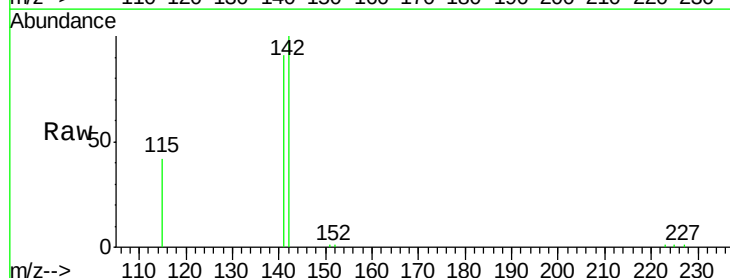
Tgt Ion:142 Resp: 6986

Ion Ratio Lower Upper

142 100

141 90.9 70.4 105.6

115 42.4 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

6000

5000

4000

3000

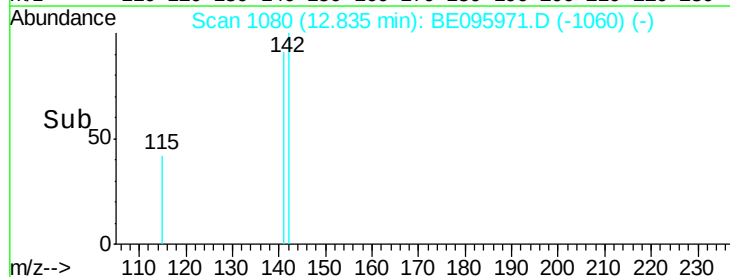
2000

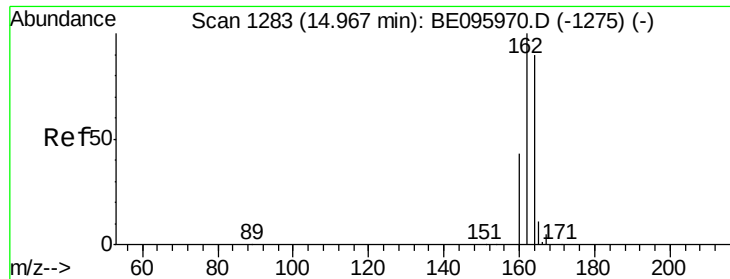
1000

0

Time-->

12.75 12.80 12.85 12.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampled :

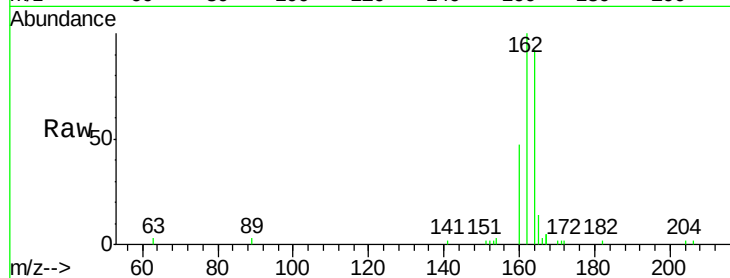
Tot Ion:164 Resp: 2719

Ion Ratio Lower Upper

164 100

162 108.5 83.1 124.7

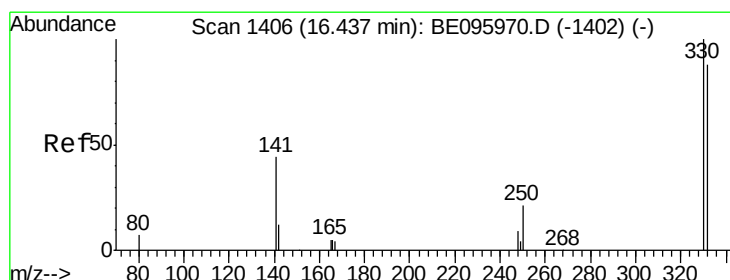
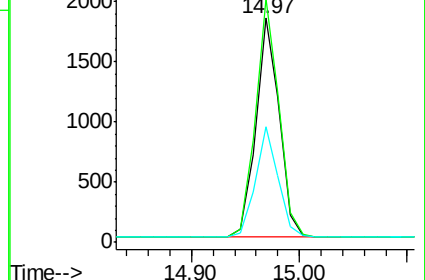
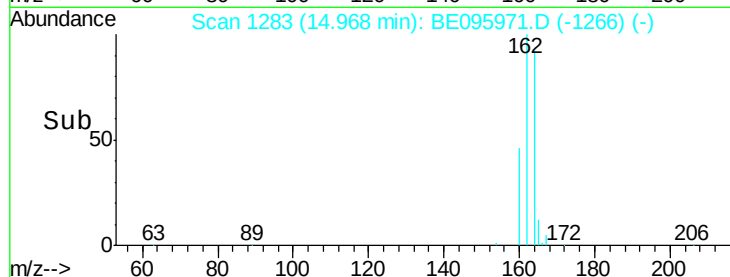
160 51.5 37.1 55.7



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: 0.660 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

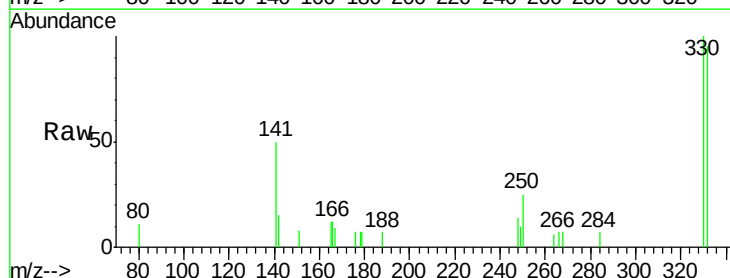
Tgt Ion:330 Resp: 1036

Ion Ratio Lower Upper

330 100

332 95.5 152.7 229.1#

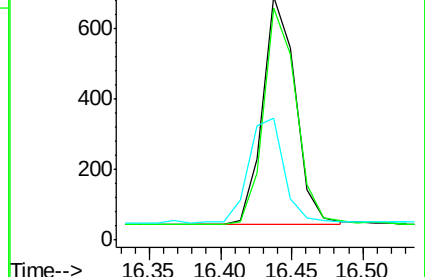
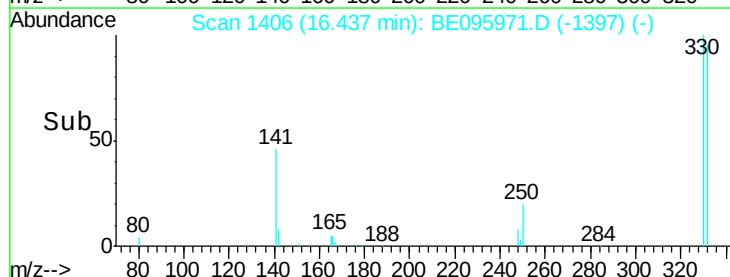
141 49.3 33.7 50.5

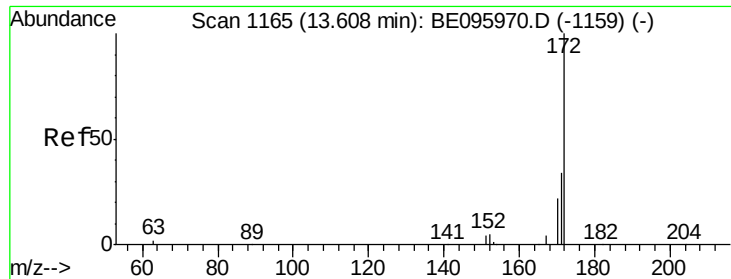


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

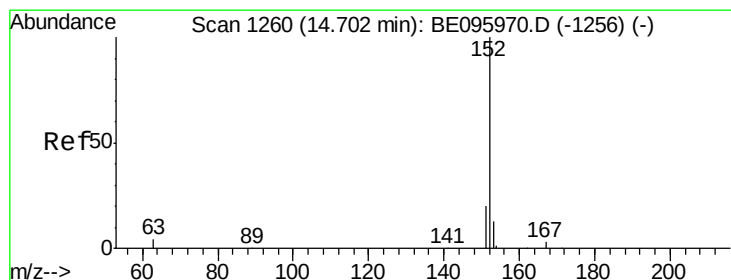
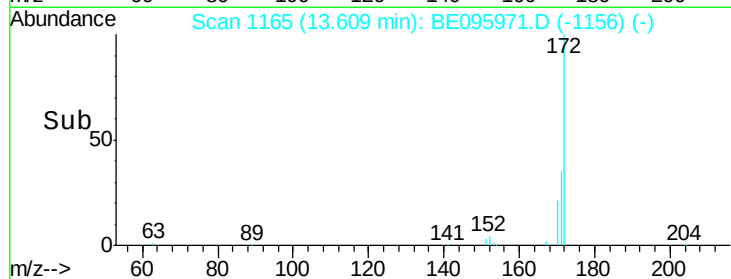
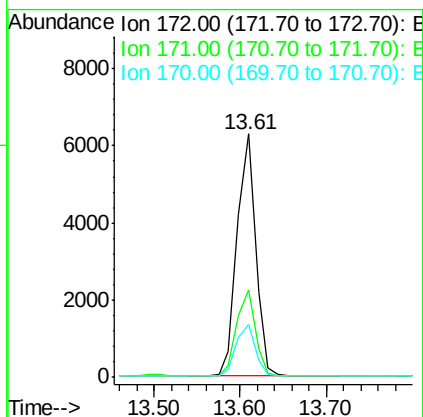
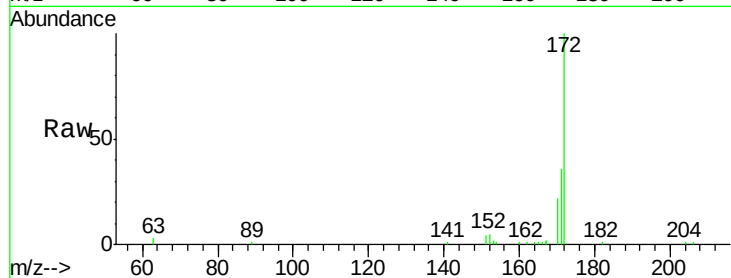




#15
2-Fluorobiphenyl
Concen: 0.815 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

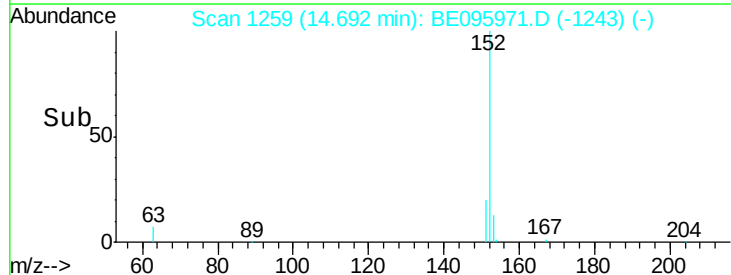
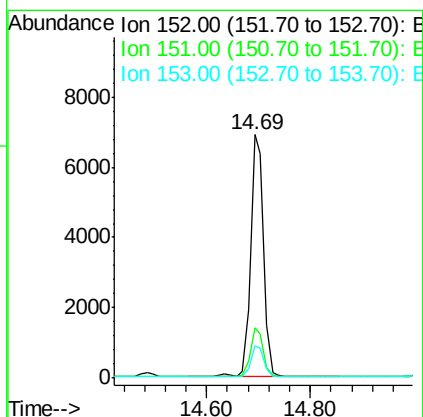
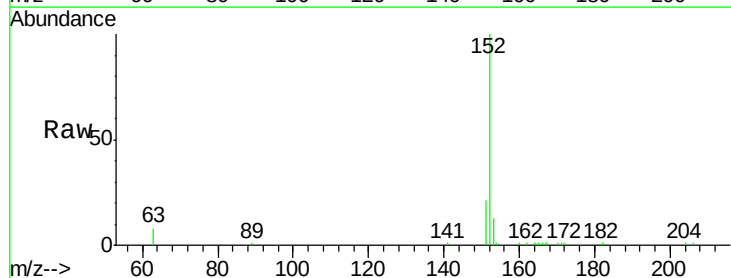
Instrument :
BNA_E
ClientSampleId :

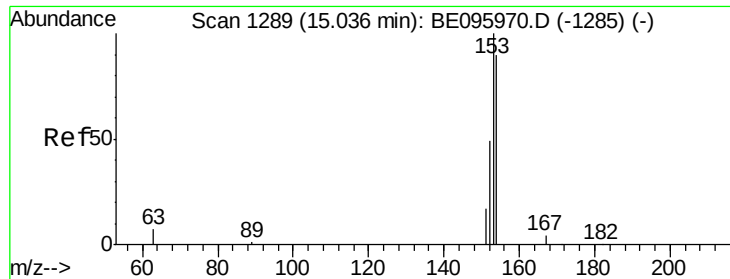
Tot Ion:172 Resp: 9342
Ion Ratio Lower Upper
172 100
171 36.0 29.9 44.9
170 21.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.759 ng
RT: 14.69 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:152 Resp: 11797
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.735 ng

RT: 15.04 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :

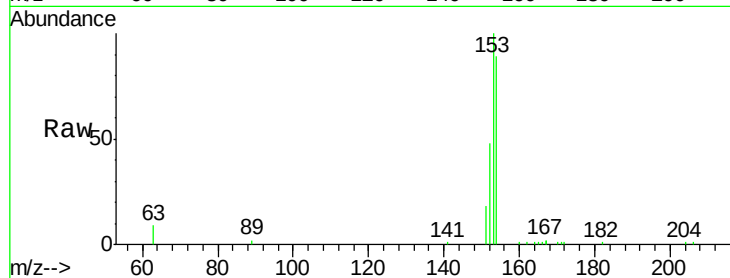
Tot Ion:154 Resp: 6971

Ion Ratio Lower Upper

154 100

153 115.8 89.2 133.8

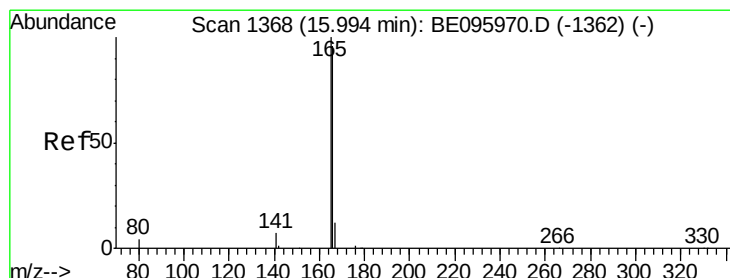
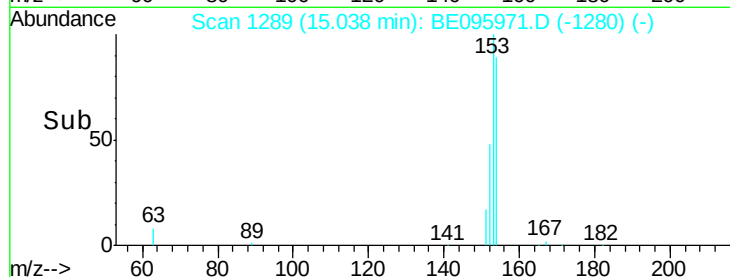
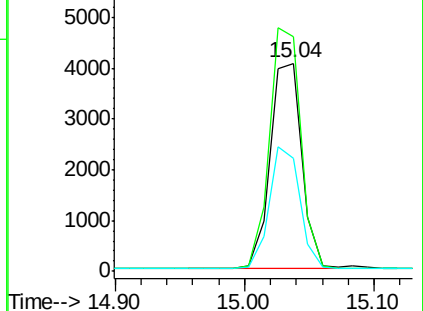
152 57.8 42.0 63.0



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: 0.699 ng

RT: 15.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

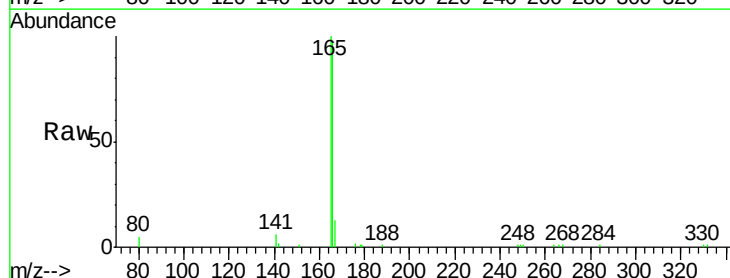
Tgt Ion:166 Resp: 8720

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.6

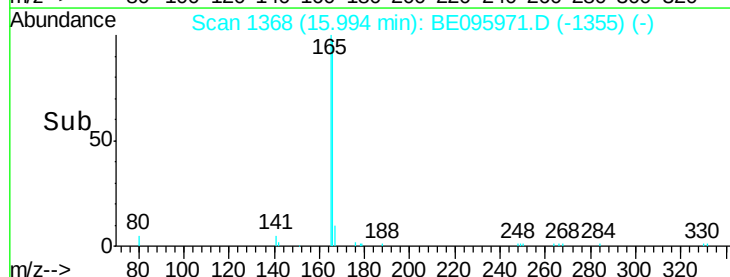
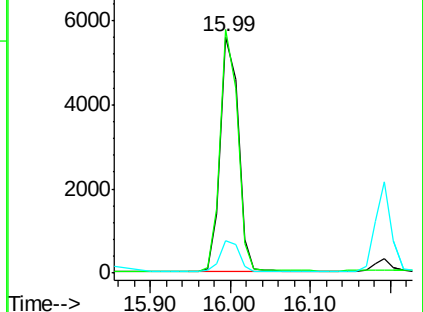
167 13.4 42.4 63.6#

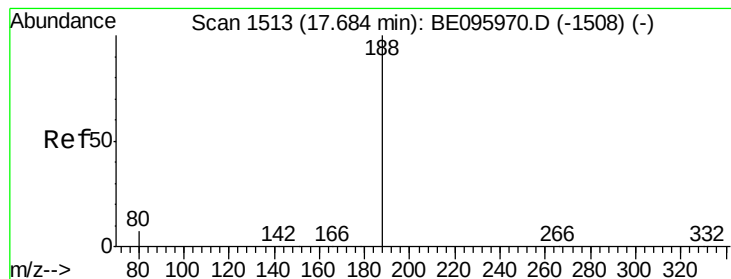


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :

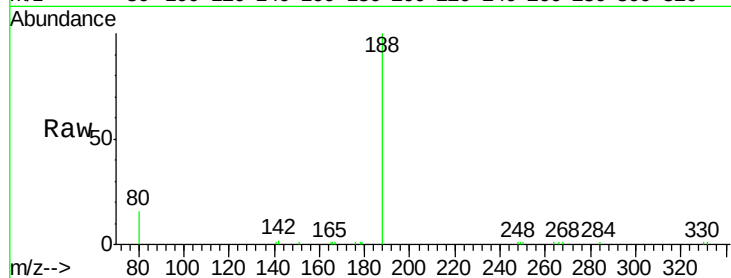
Tot Ion:188 Resp: 6463

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

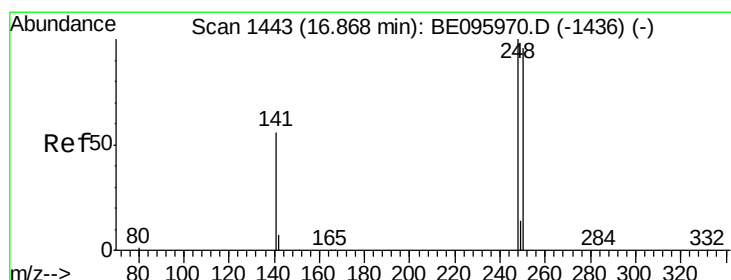
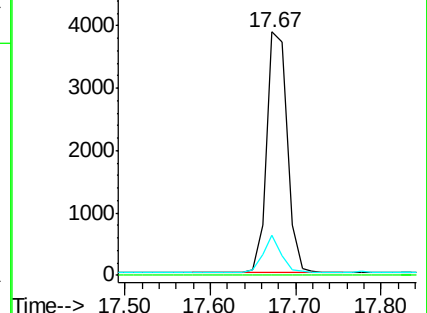
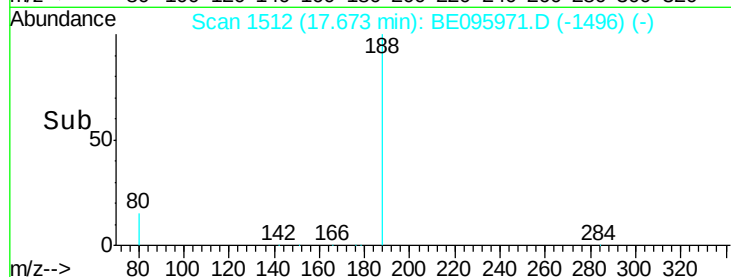
80 16.3 3.6 5.4#



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: 0.791 ng

RT: 16.87 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

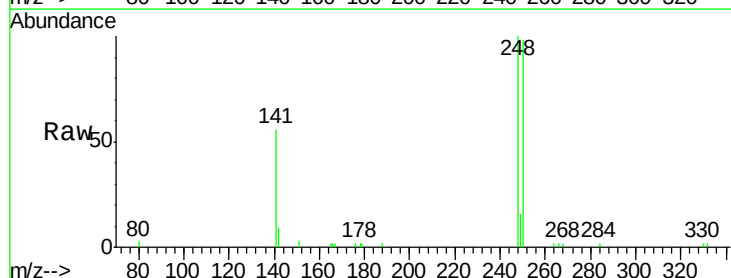
Tgt Ion:248 Resp: 3072

Ion Ratio Lower Upper

248 100

250 98.4 62.7 94.1#

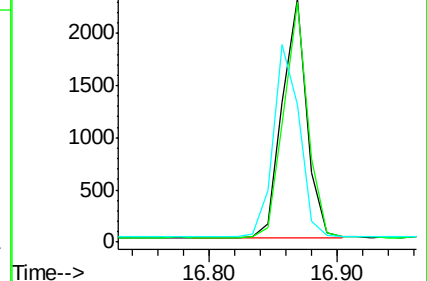
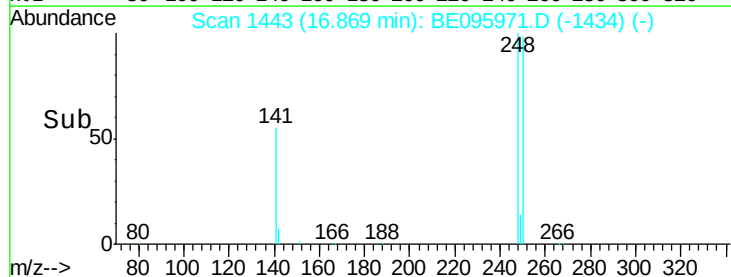
141 56.4 48.2 72.2

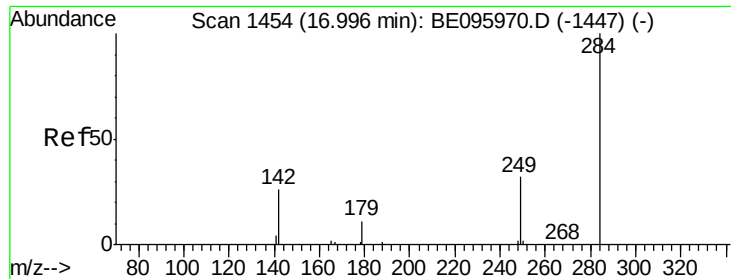


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.791 ng

RT: 17.00 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :

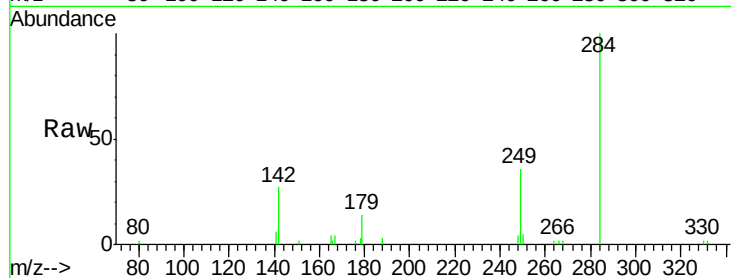
Tot Ion:284 Resp: 3070

Ion Ratio Lower Upper

284 100

142 43.1 22.1 33.1#

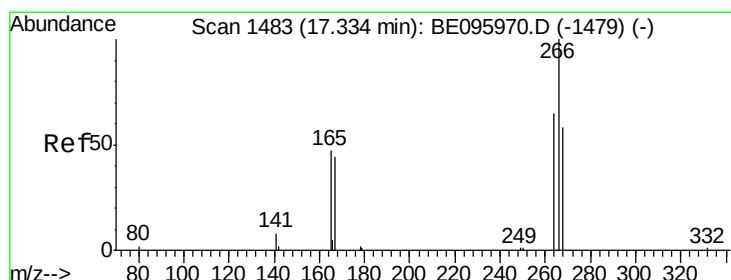
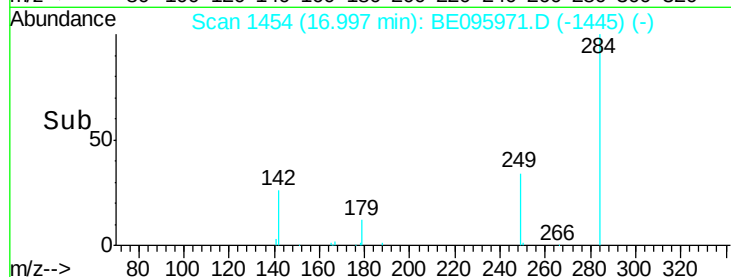
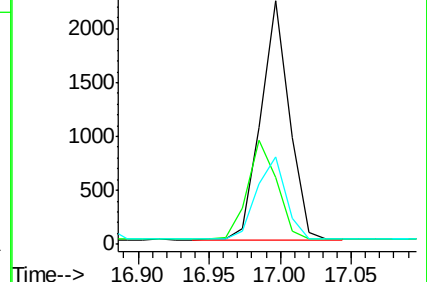
249 35.5 34.8 52.2



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: 0.877 ng

RT: 17.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

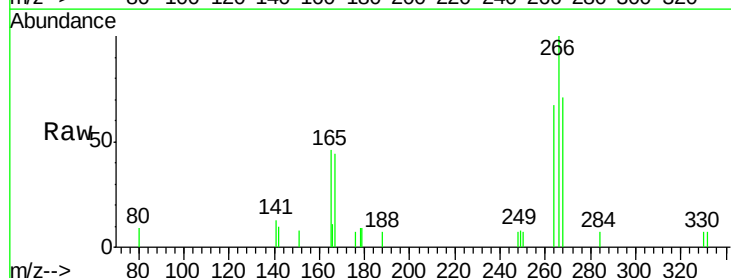
Tgt Ion:266 Resp: 983

Ion Ratio Lower Upper

266 100

264 66.6 72.5 108.7#

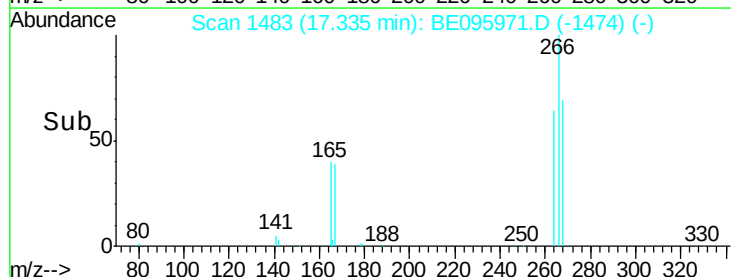
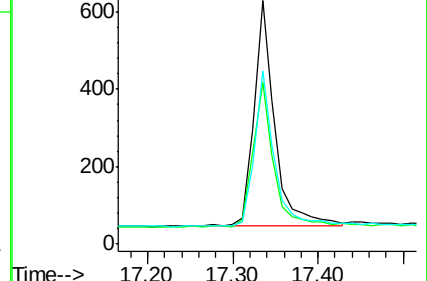
268 71.2 73.8 110.6#

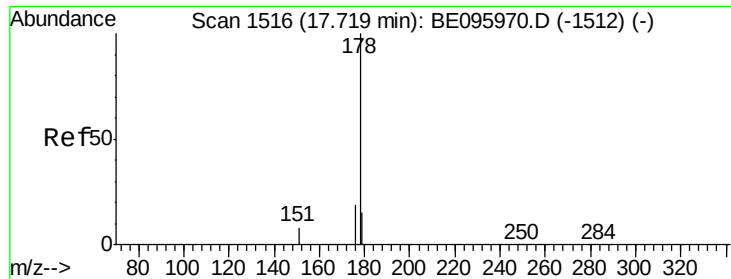


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.753 ng

RT: 17.72 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :

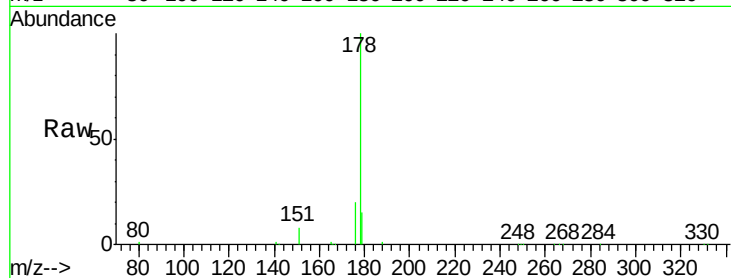
Tot Ion:178 Resp: 14566

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

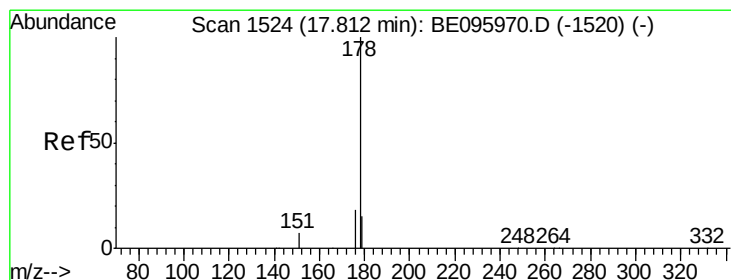
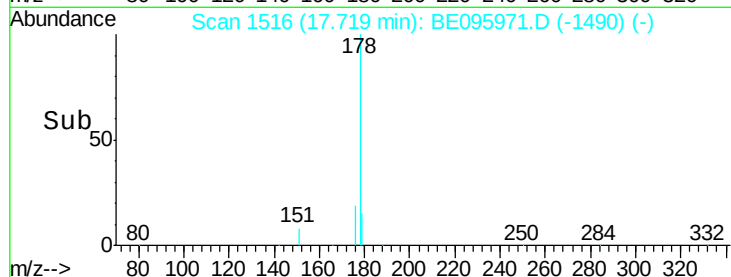
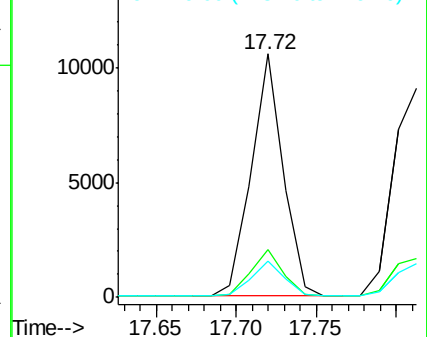
179 14.9 11.8 17.6



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: 0.730 ng

RT: 17.81 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

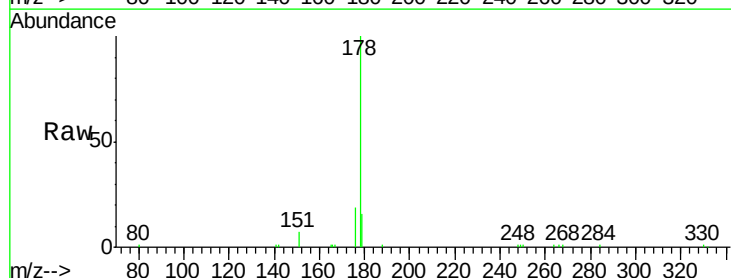
Tgt Ion:178 Resp: 14127

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

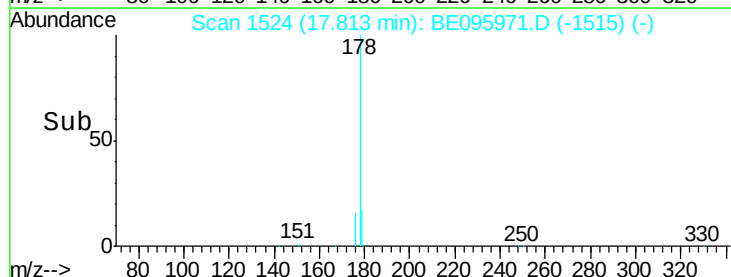
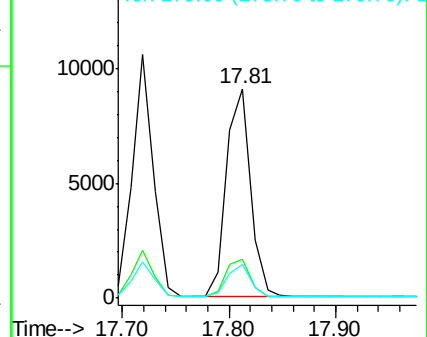
179 15.1 13.0 19.6

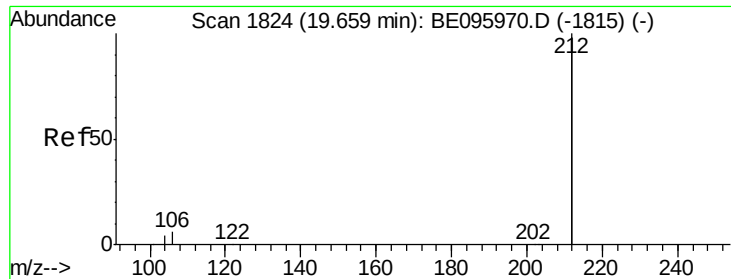


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

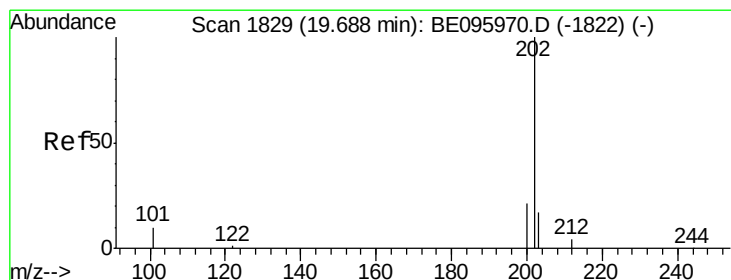
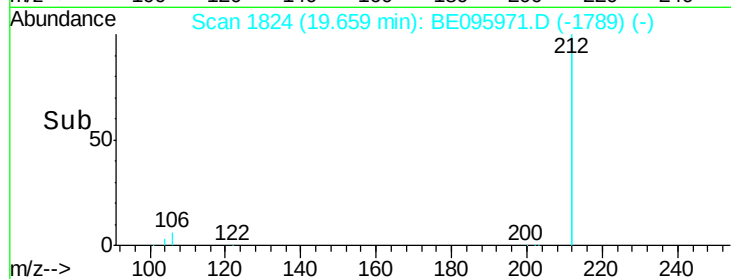
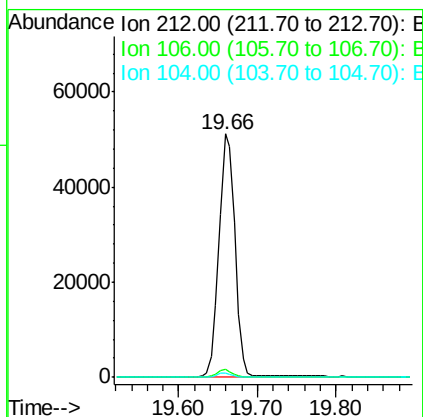
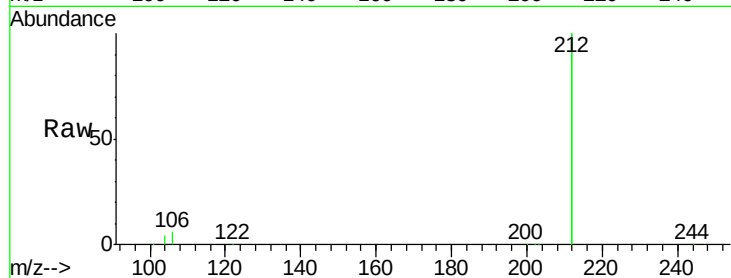




#25
Fluoranthene-d10
Concen: 0.736 ng
RT: 19.66 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

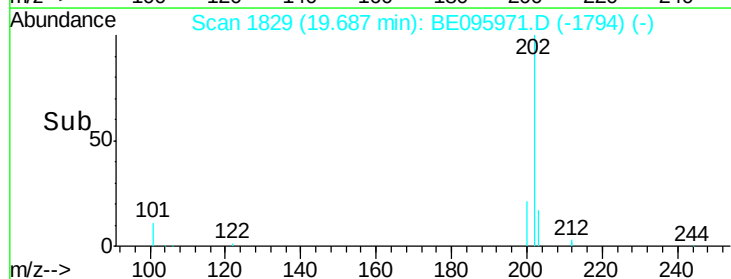
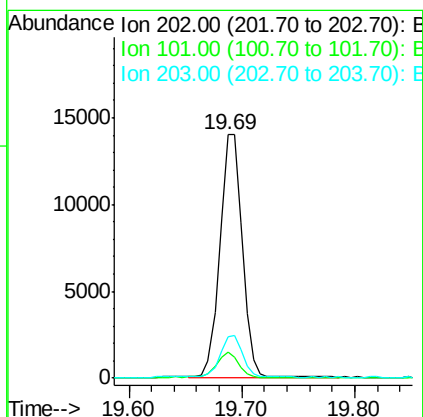
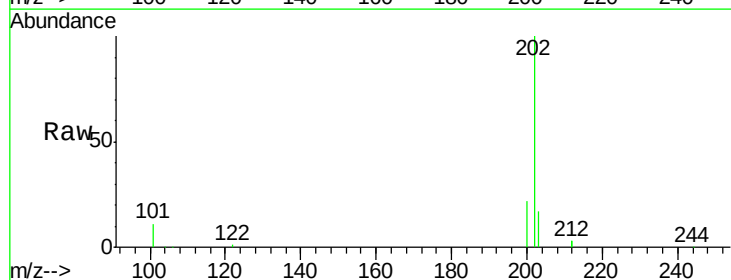
Instrument :
BNA_E
ClientSampleId :

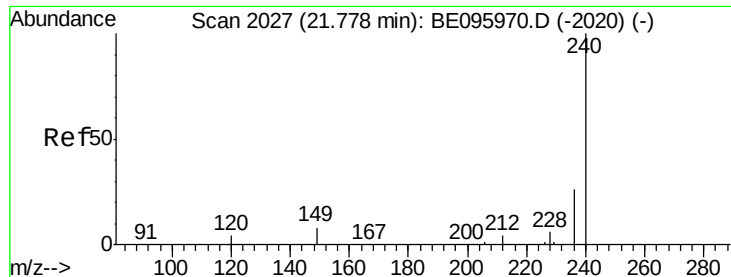
Tot Ion:212 Resp: 70691
Ion Ratio Lower Upper
212 100
106 2.9 2.8 4.2
104 1.7 1.6 2.4



#26
Fluoranthene
Concen: 0.717 ng
RT: 19.69 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:202 Resp: 19258
Ion Ratio Lower Upper
202 100
101 10.2 9.8 14.8
203 17.0 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :

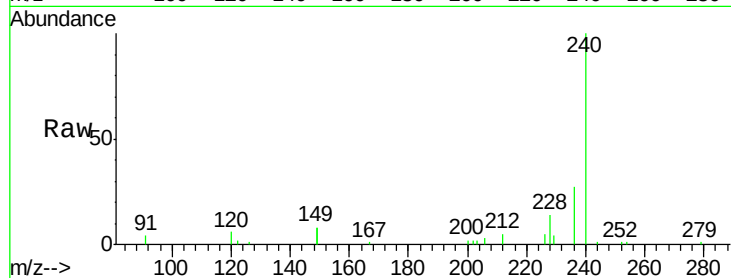
Tot Ion:240 Resp: 7332

Ion Ratio Lower Upper

240 100

120 6.4 5.5 8.3

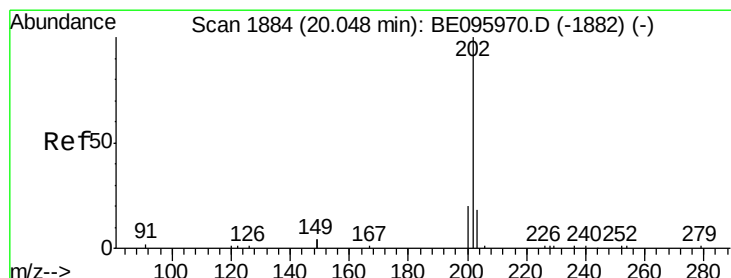
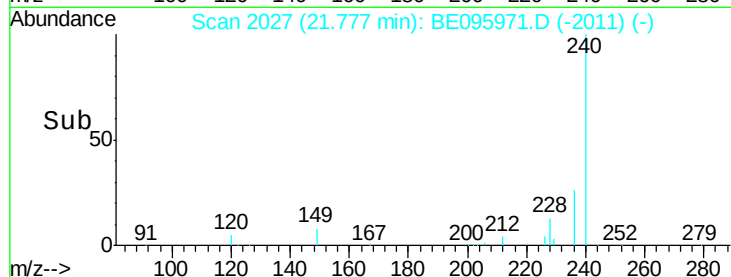
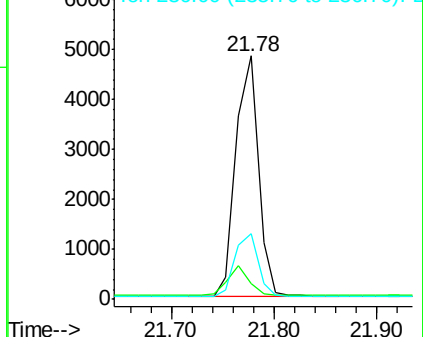
236 26.9 20.7 31.1



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: 0.399 ng

RT: 20.05 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

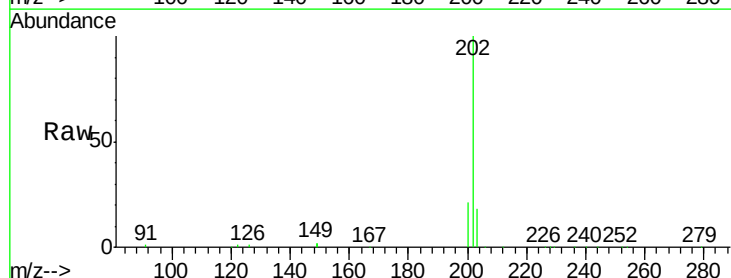
Tgt Ion:202 Resp: 11925

Ion Ratio Lower Upper

202 100

200 18.6 16.6 25.0

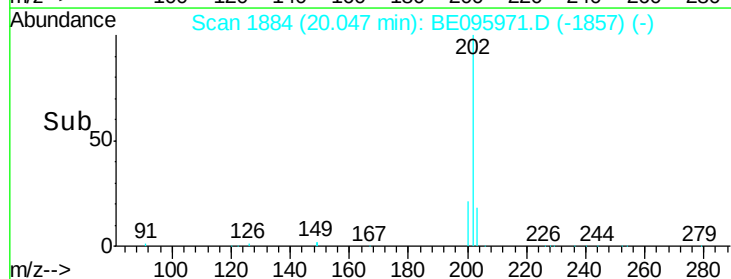
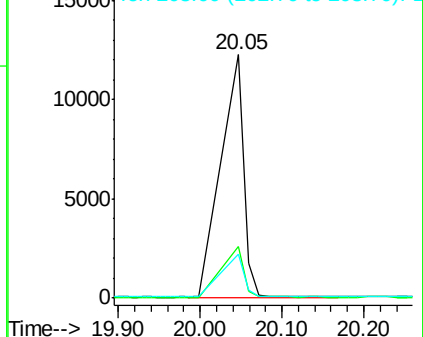
203 18.9 13.8 20.8

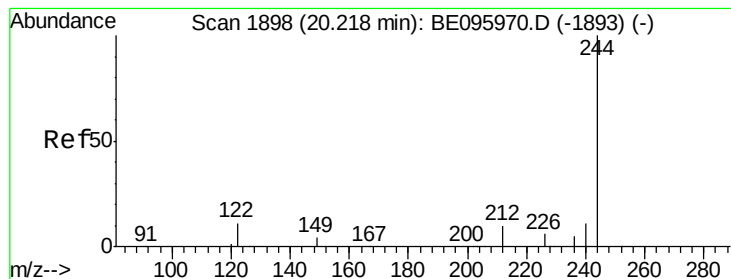


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.850 ng

RT: 20.22 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :

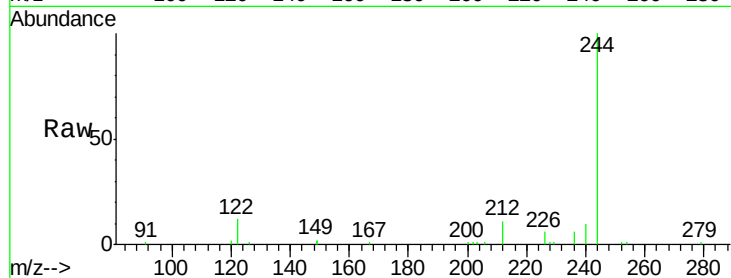
Tot Ion:244 Resp: 13239

Ion Ratio Lower Upper

244 100

212 10.8 25.4 38.0#

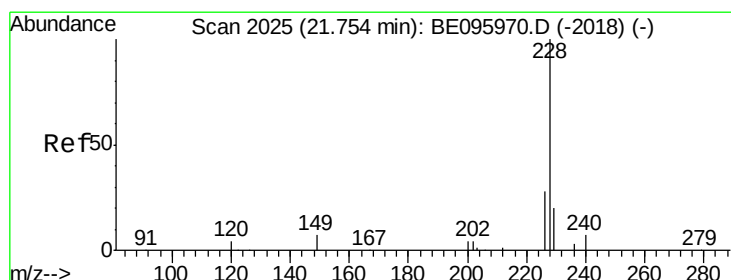
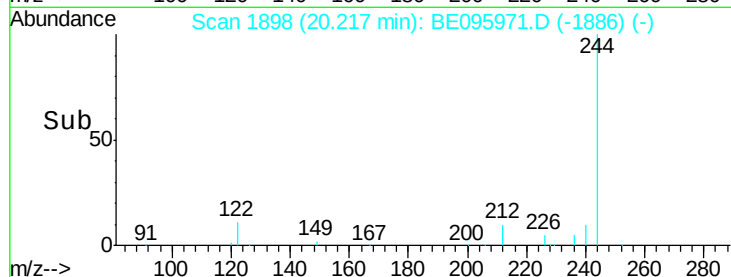
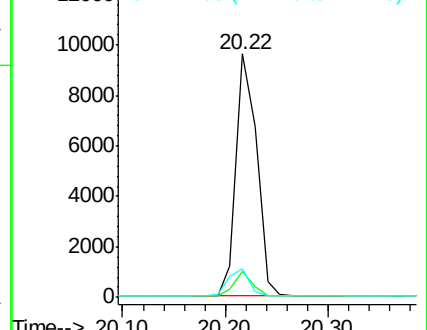
122 11.8 8.1 12.1



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: 0.737 ng

RT: 21.75 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

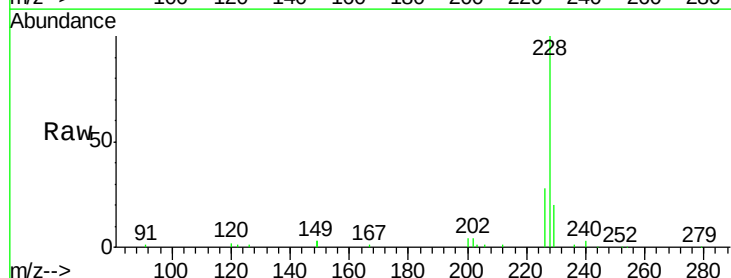
Tgt Ion:228 Resp: 18744

Ion Ratio Lower Upper

228 100

226 27.8 24.0 36.0

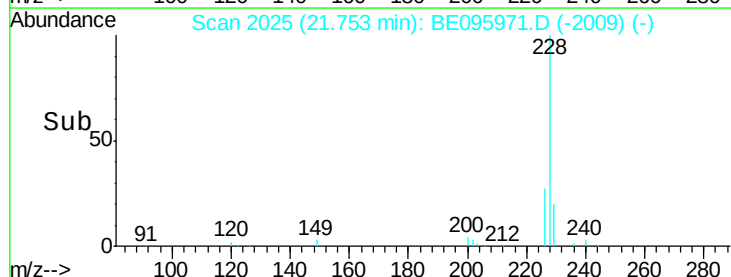
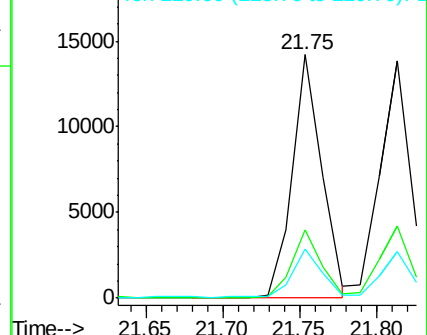
229 20.1 16.0 24.0

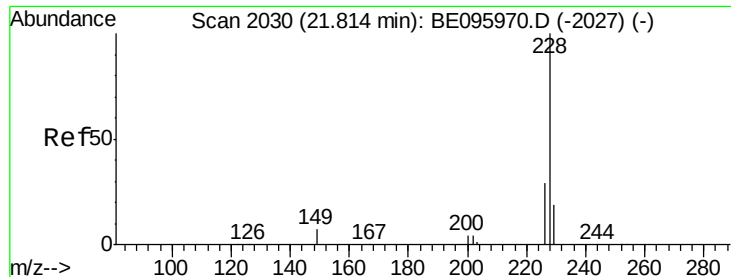


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.816 ng

RT: 21.81 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :

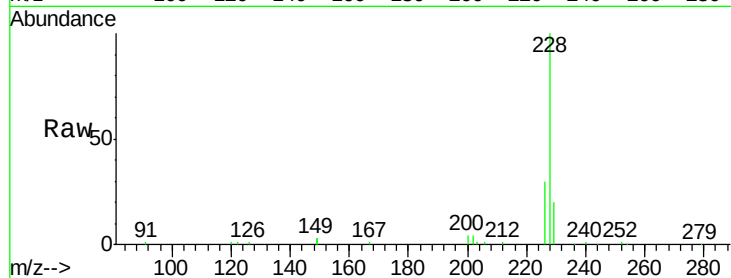
Tot Ion:228 Resp: 18942

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

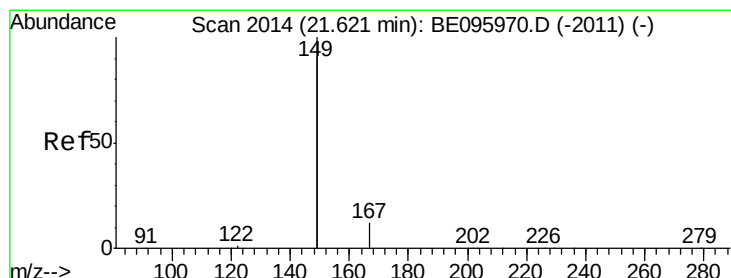
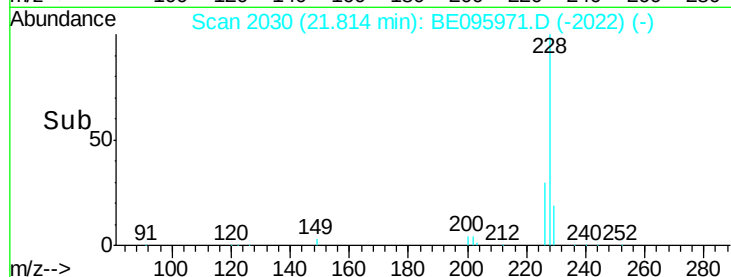
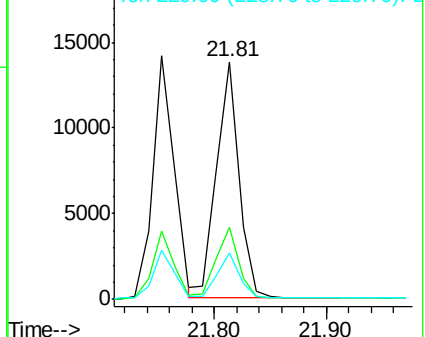
229 19.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.621 ng

RT: 21.63 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

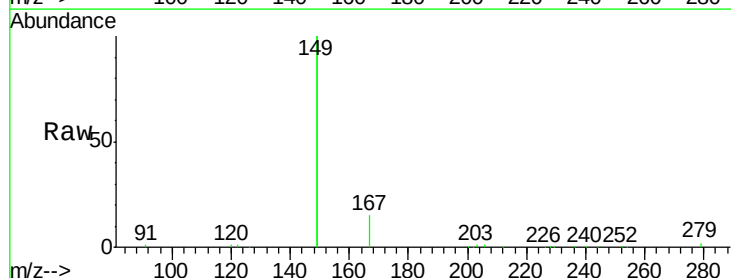
Tgt Ion:149 Resp: 48262

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

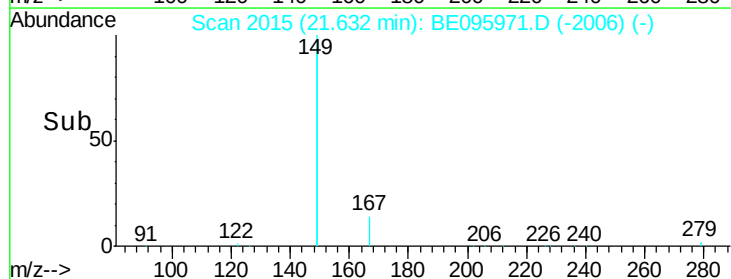
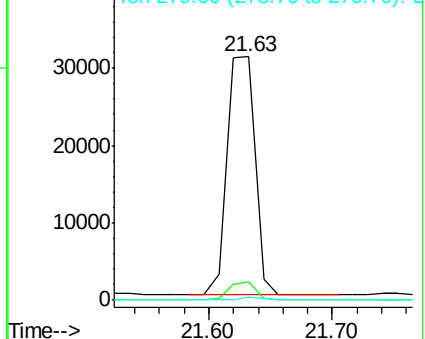
279 0.8 0.7 1.1

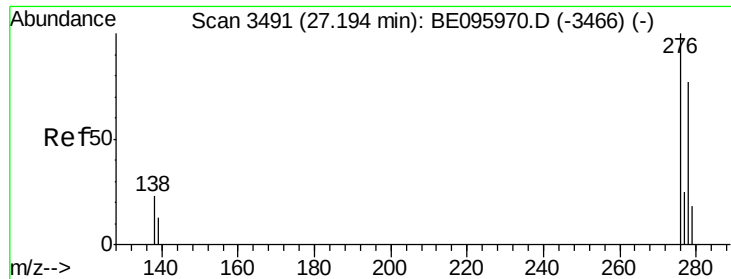


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.719 ng

RT: 27.18 min Scan# 3488

Delta R.T. -0.01 min

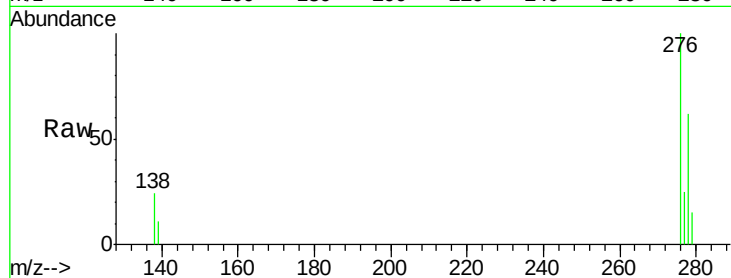
Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :



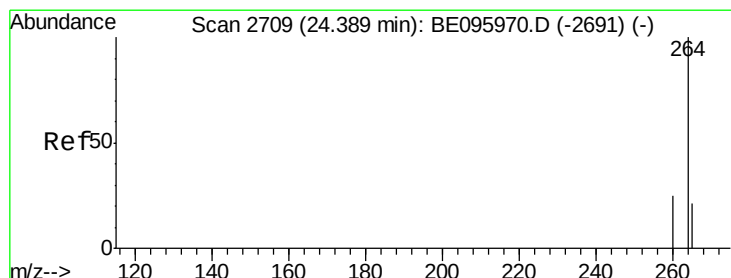
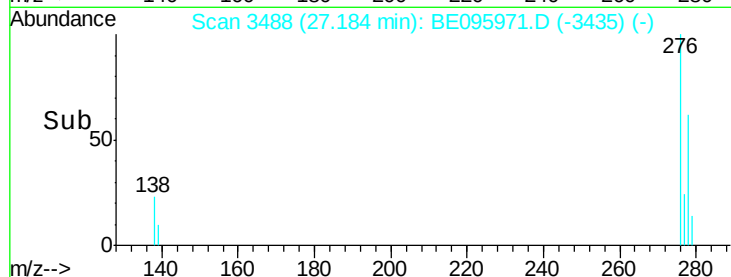
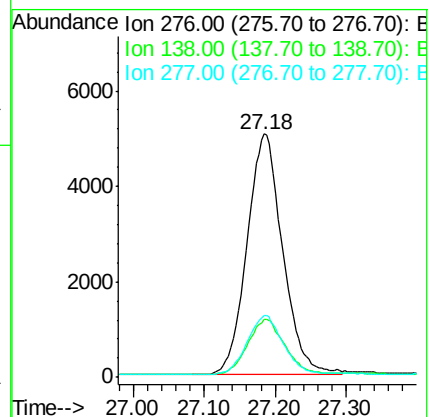
Tot Ion:276 Resp: 17983

Ion Ratio Lower Upper

276 100

138 23.7 22.5 33.7

277 24.9 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.39 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

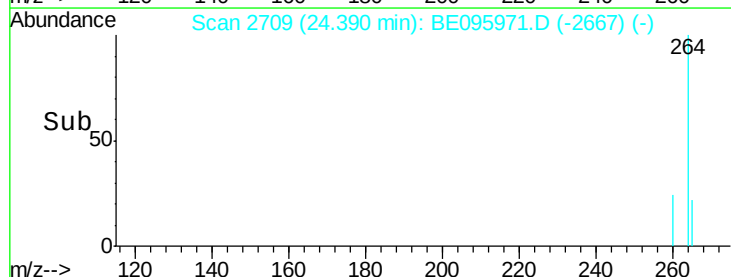
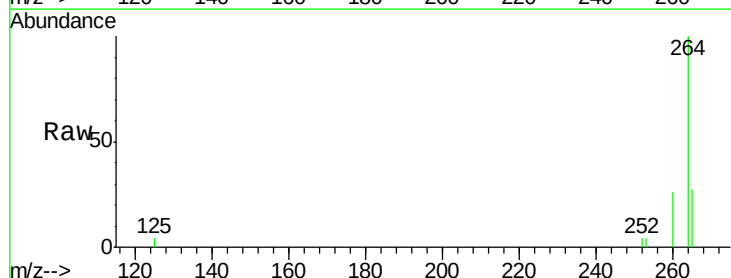
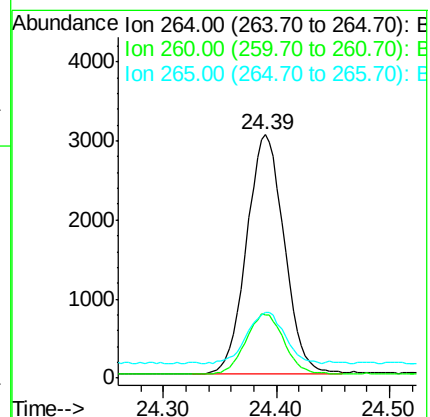
Tgt Ion:264 Resp: 6987

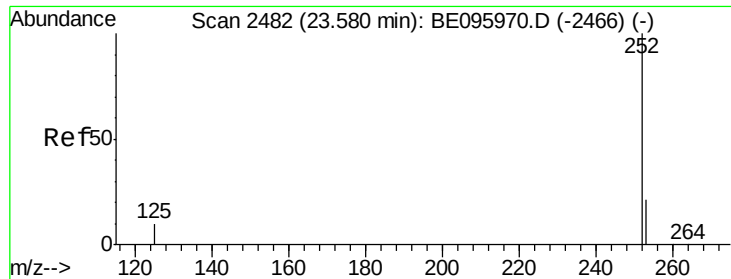
Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 27.2 22.8 34.2

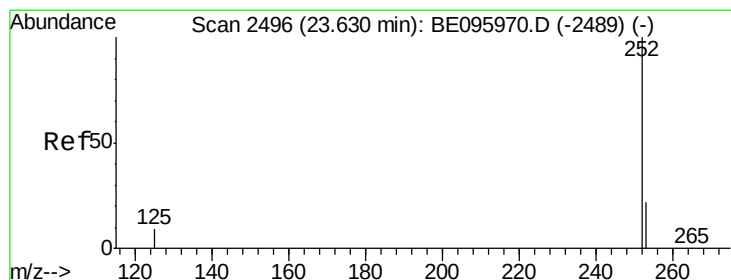
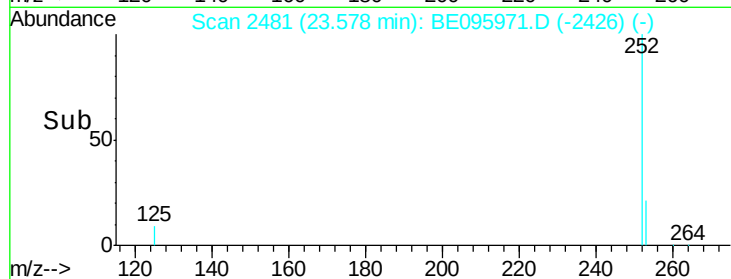
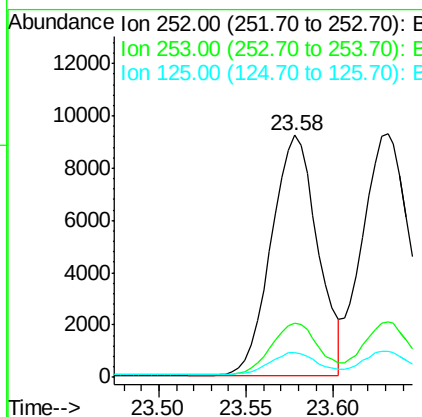
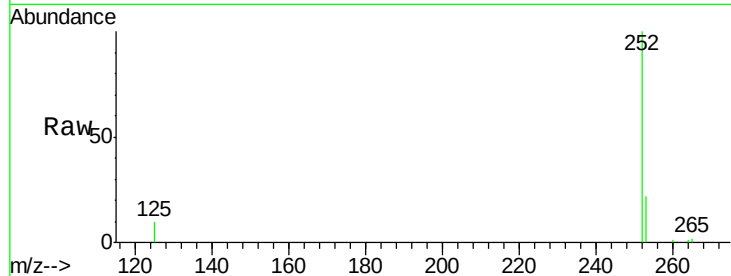




#35
Benzo(b)fluoranthene
Concen: 0.734 ng
RT: 23.58 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

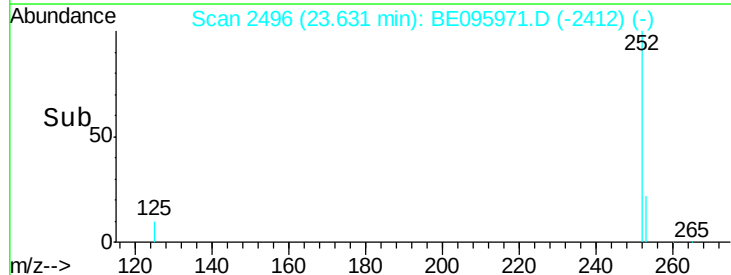
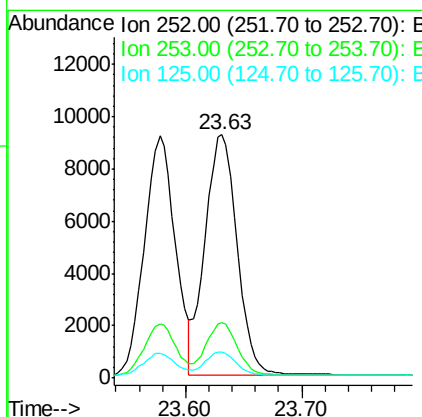
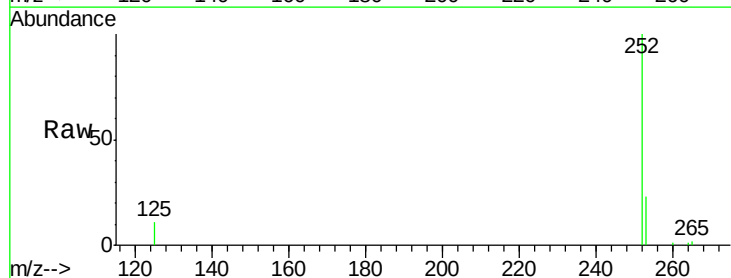
Instrument :
BNA_E
ClientSampleId :

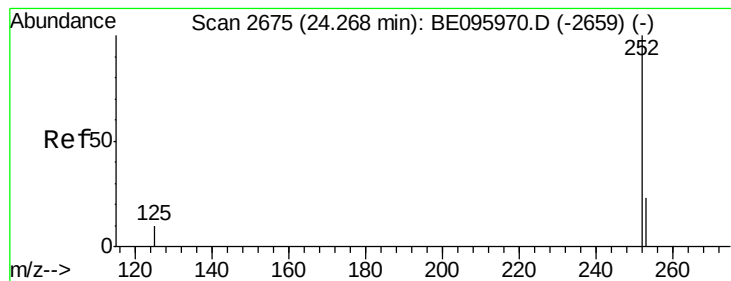
Tot Ion:252 Resp: 16975
Ion Ratio Lower Upper
252 100
253 22.4 20.0 30.0
125 10.4 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.767 ng
RT: 23.63 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:252 Resp: 17722
Ion Ratio Lower Upper
252 100
253 22.7 16.0 24.0
125 10.6 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.757 ng

RT: 24.27 min Scan# 2675

Delta R.T. 0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :

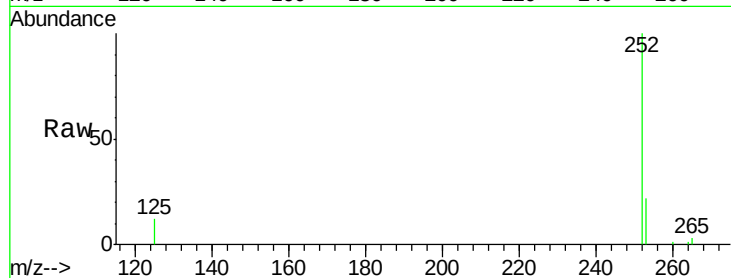
Tot Ion:252 Resp: 16393

Ion Ratio Lower Upper

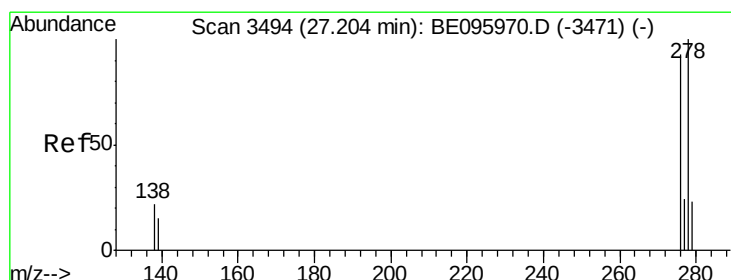
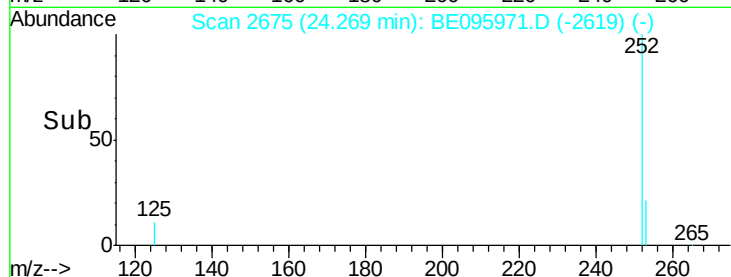
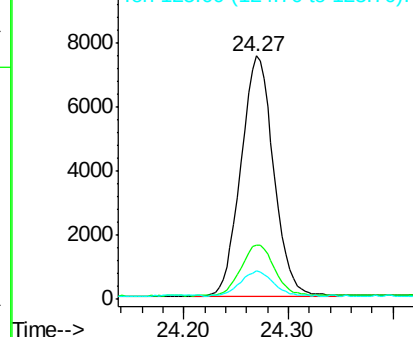
252 100

253 22.4 16.0 24.0

125 11.9 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: 0.715 ng

RT: 27.20 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

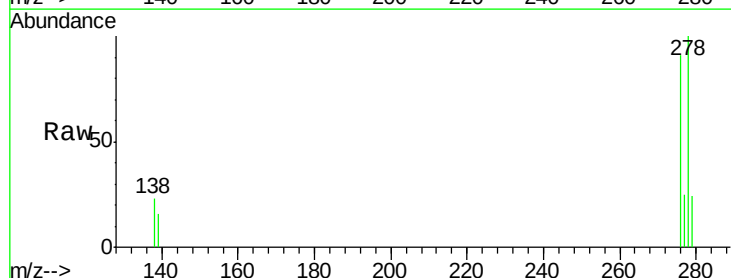
Tgt Ion:278 Resp: 14728

Ion Ratio Lower Upper

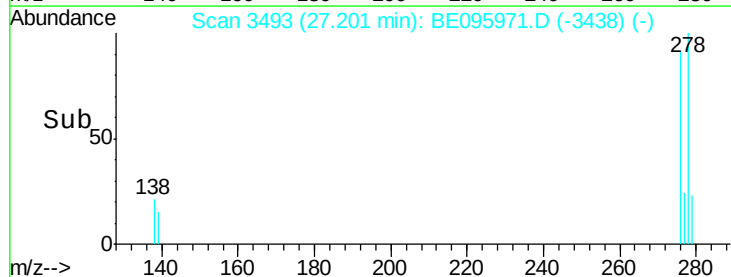
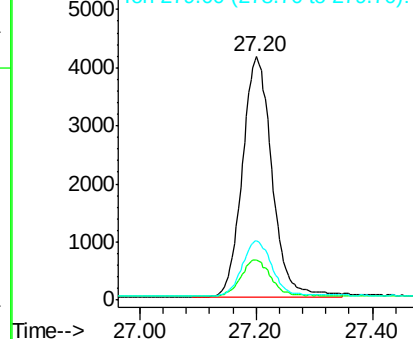
278 100

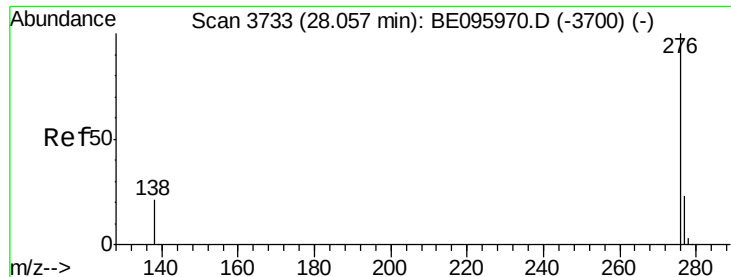
139 16.3 16.0 24.0

279 24.1 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: 0.736 ng

RT: 28.05 min Scan# 3732

Delta R.T. -0.00 min

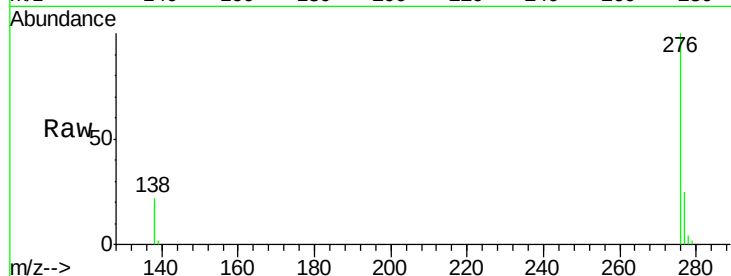
Lab File: BE095971.D

Acq: 11 Apr 2018 15:22

Instrument :

BNA_E

ClientSampleId :



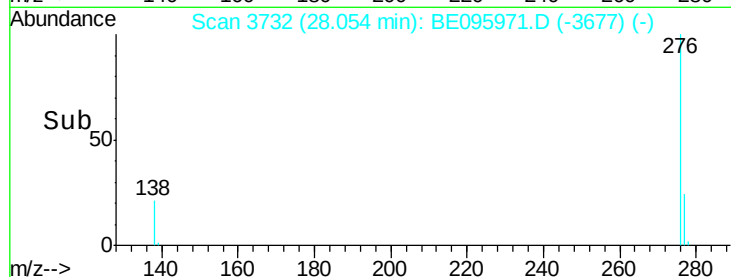
Tot Ion: 276 Resp: 15213

Ion Ratio Lower Upper

276 100

277 24.9 16.0 24.0#

138 21.8 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

