

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095976.D
 Acq On : 11 Apr 2018 18:21
 Operator : SJ/JU
 Sample : PB108058BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 12 04:15:57 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 17:26:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1455	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5124	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2667	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	5810	0.40	ng	-0.01
27) Chrysene-d12	21.78	240	6430	0.40	ng	0.00
34) Perylene-d12	24.39	264	6496	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.89	112	1304	0.29	ng	0.00
5) Phenol-d6	7.53	99	1796	0.29	ng	0.00
8) Nitrobenzene-d5	9.49	82	172	0.03	ng	-0.08
11) 2-Methylnaphthalene-d10	12.76	152	2422	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	287	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	3431	0.30	ng	0.00
25) Fluoranthene-d10	19.66	212	22614	0.29	ng	0.00
29) Terphenyl-d14	20.22	244	4157	0.29	ng	0.00

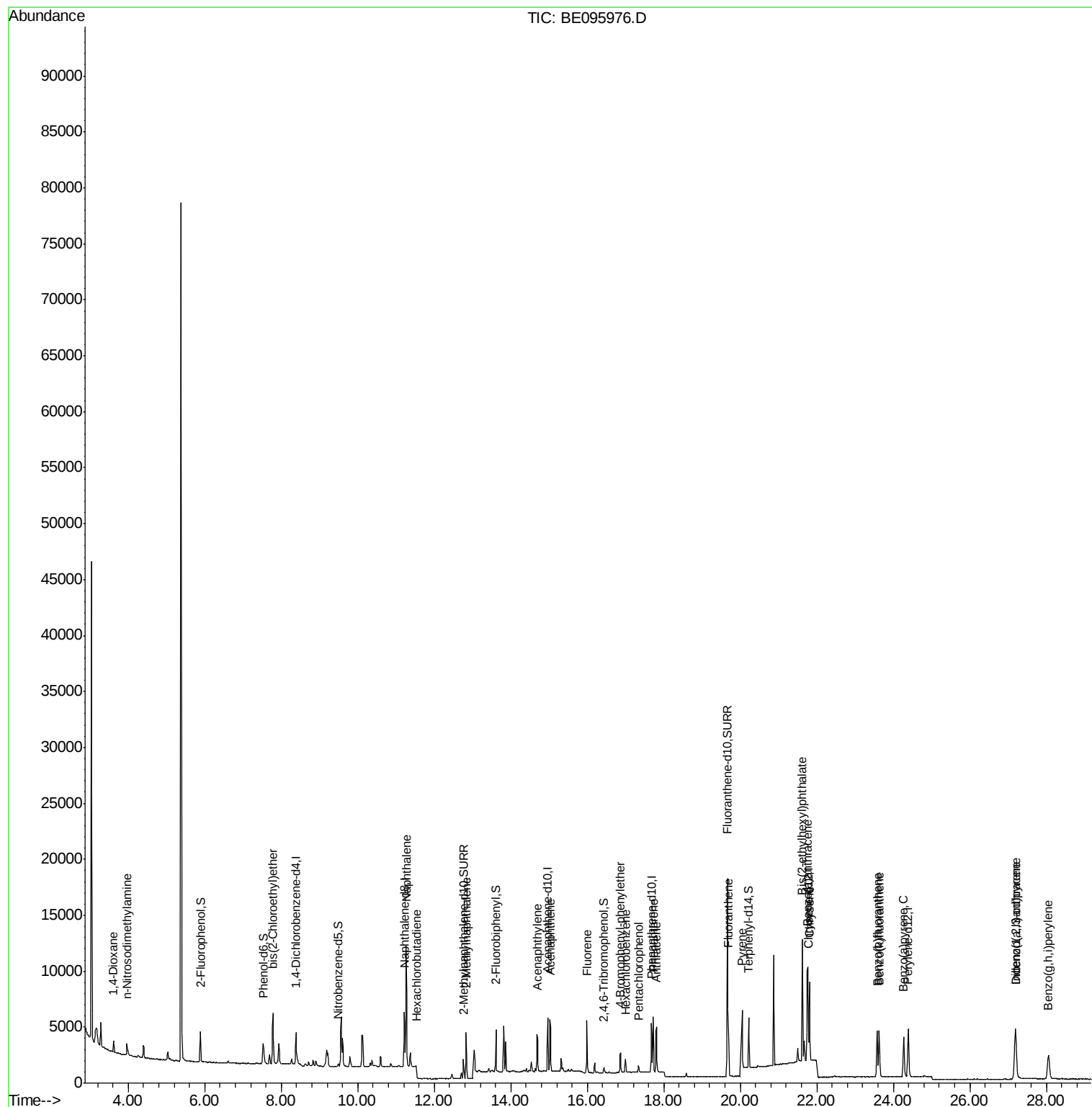
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.63	88	601	0.267	ng	# 71
3) n-Nitrosodimethylamine	3.97	42	830	0.301	ng	# 83
6) bis(2-Chloroethyl)ether	7.78	93	1471	0.269	ng	98
9) Naphthalene	11.27	128	16991	0.315	ng	99
10) Hexachlorobutadiene	11.53	225	583	0.243	ng	95
12) 2-Methylnaphthalene	12.84	142	2778	0.311	ng	95
16) Acenaphthylene	14.69	152	4007	0.281	ng	99
17) Acenaphthene	15.03	154	2413	0.282	ng	93
18) Fluorene	15.99	166	3038	0.287	ng	# 78
20) 4-Bromophenyl-phenylether	16.87	248	947	0.274	ng	# 83
21) Hexachlorobenzene	17.00	284	986	0.287	ng	# 81
22) Pentachlorophenol	17.34	266	369	0.368	ng	83
23) Phenanthrene	17.72	178	4900	0.300	ng	99
24) Anthracene	17.81	178	4812	0.308	ng	95
26) Fluoranthene	19.69	202	6324	0.295	ng	97
28) Pyrene	20.05	202	3293	0.260	ng	# 95
30) Benzo(a)anthracene	21.75	228	6521	0.316	ng	98
31) Chrysene	21.81	228	6084	0.305	ng	99
32) Bis(2-ethylhexyl)phthalate	21.62	149	14712	0.276	ng	99
33) Indeno(1,2,3-cd)pyrene	27.19	276	6492	0.336	ng	# 82
35) Benzo(b)fluoranthene	23.58	252	6110	0.314	ng	# 92
36) Benzo(k)fluoranthene	23.63	252	6056	0.302	ng	# 92
37) Benzo(a)pyrene	24.27	252	5894	0.315	ng	# 93
38) Dibenzo(a,h)anthracene	27.20	278	5134	0.311	ng	96
39) Benzo(g,h,i)perylene	28.06	276	5678	0.325	ng	# 91

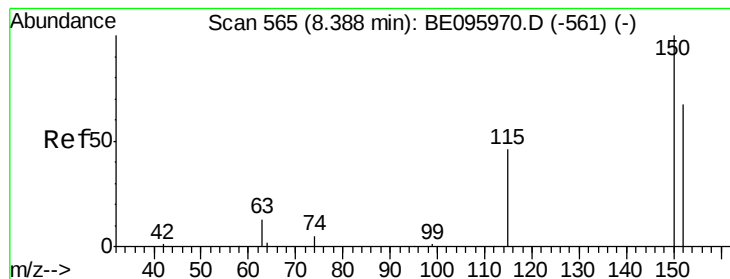
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095976.D
Acq On : 11 Apr 2018 18:21
Operator : SJ/JU
Sample : PB108058BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 12 04:15:57 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 17:26:43 2018
Response via : Initial Calibration



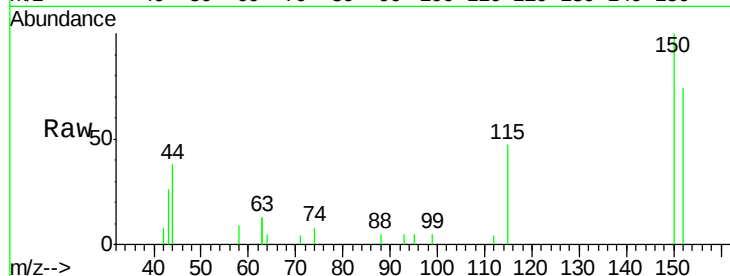


#1

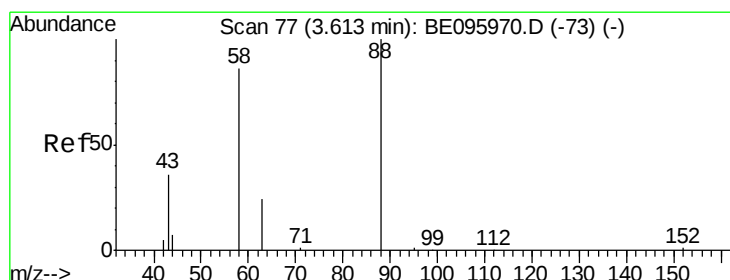
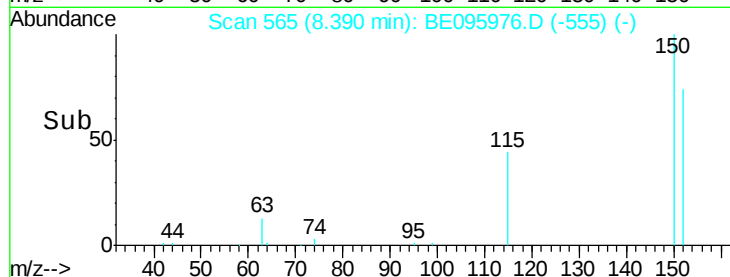
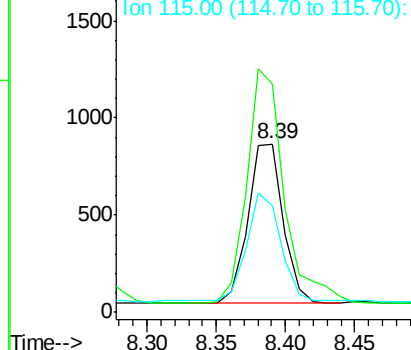
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. 0.00 min
Lab File: BE095976.D
Acq: 11 Apr 2018 18:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1455
Ion Ratio Lower Upper
152 100
150 135.6 117.2 175.8
115 63.1 57.0 85.6



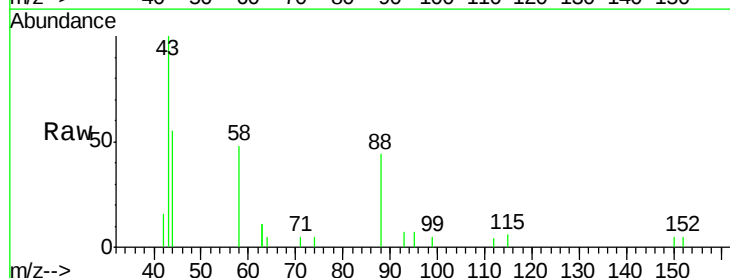
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



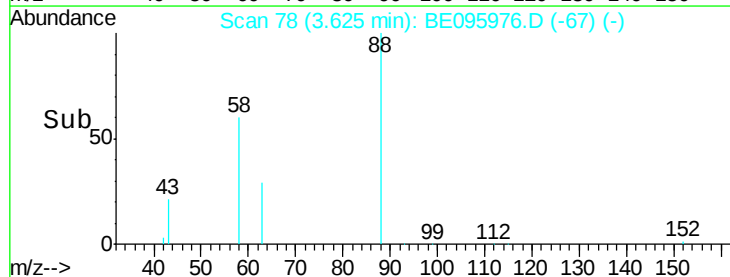
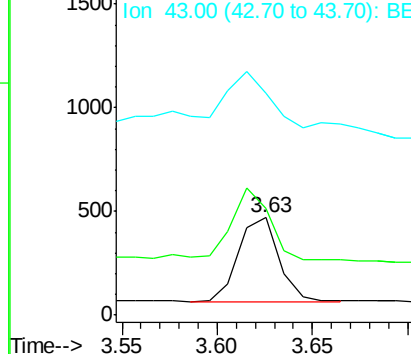
#2

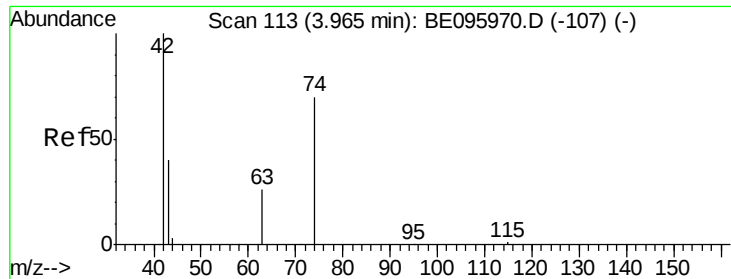
1,4-Dioxane
Concen: 0.267 ng
RT: 3.63 min Scan# 78
Delta R.T. 0.01 min
Lab File: BE095976.D
Acq: 11 Apr 2018 18:21

Tgt Ion: 88 Resp: 601
Ion Ratio Lower Upper
88 100
58 88.9 63.2 94.8
43 91.7 41.2 61.8#



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



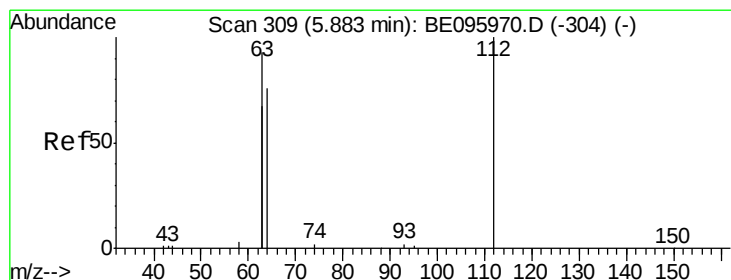
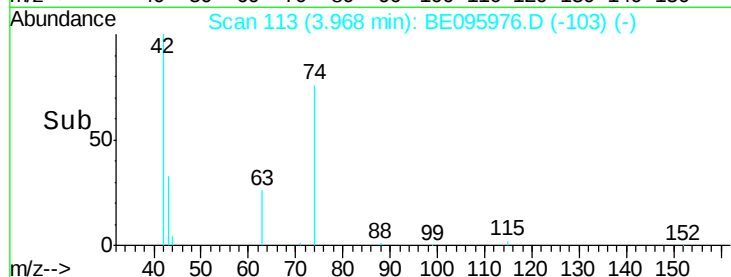
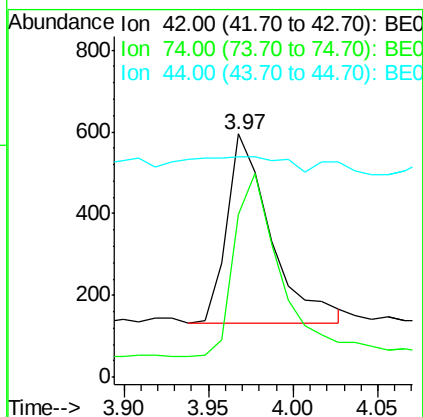
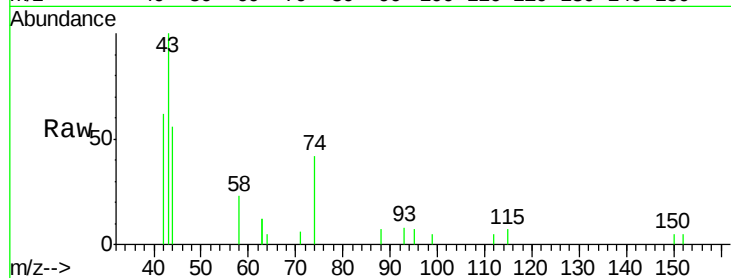


#3

n-Nitrosodimethylamine
 Concen: 0.301 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.00 min
 Lab File: BE095976.D
 Acq: 11 Apr 2018 18:21

Instrument :
 BNA_E
 ClientSampleId :

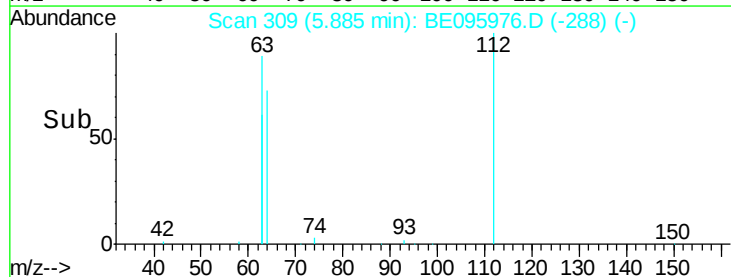
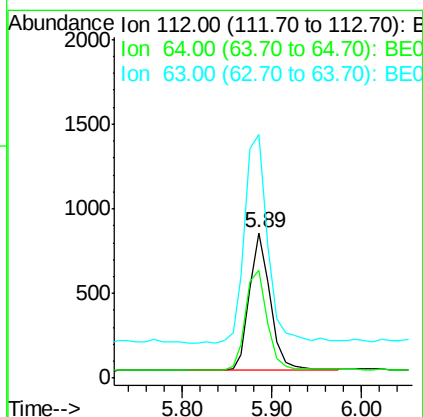
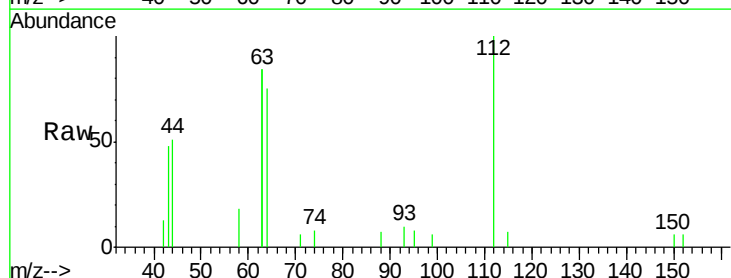
Tot Ion: 42 Resp: 830
 Ion Ratio Lower Upper
 42 100
 74 99.8 96.0 144.0
 44 19.4 12.0 18.0#

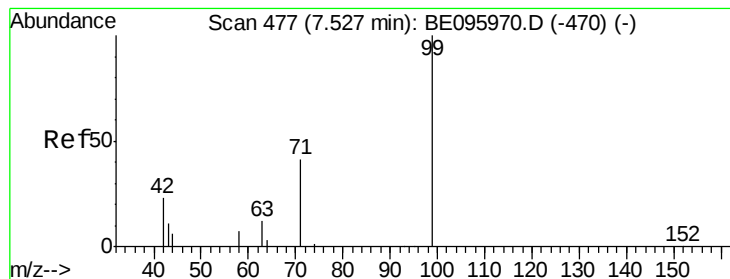


#4

2-Fluorophenol
 Concen: 0.290 ng
 RT: 5.89 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BE095976.D
 Acq: 11 Apr 2018 18:21

Tgt Ion: 112 Resp: 1304
 Ion Ratio Lower Upper
 112 100
 64 76.3 60.1 90.1
 63 166.9 116.8 175.2





#5

Phenol-d6

Concen: 0.289 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

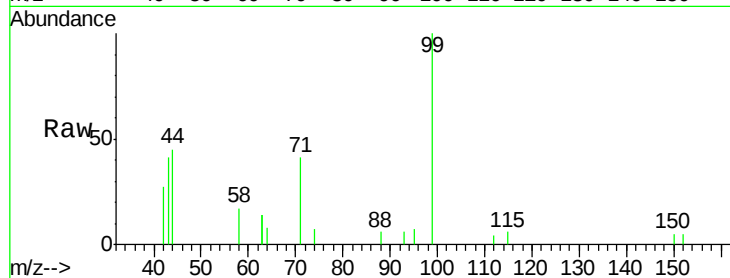
Tot Ion: 99 Resp: 1796

Ion Ratio Lower Upper

99 100

42 27.3 20.2 30.2

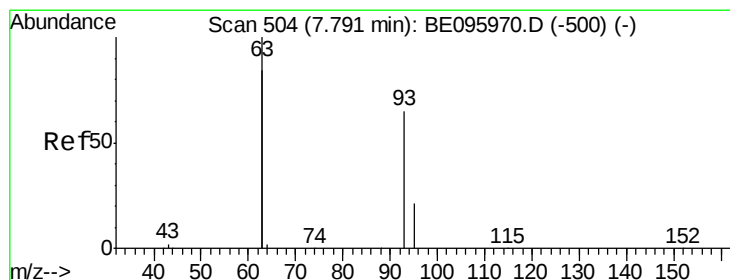
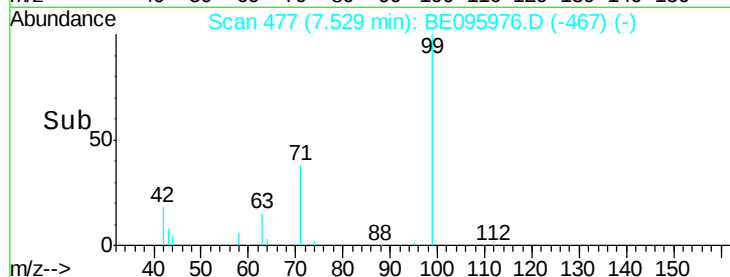
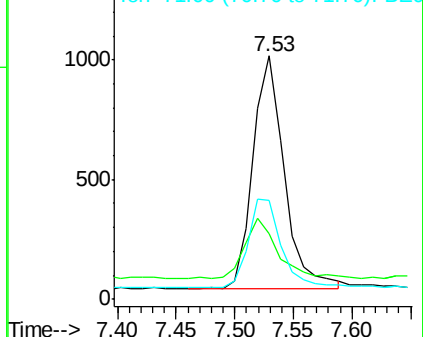
71 40.1 28.4 42.6



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: 0.269 ng

RT: 7.78 min Scan# 503

Delta R.T. -0.01 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

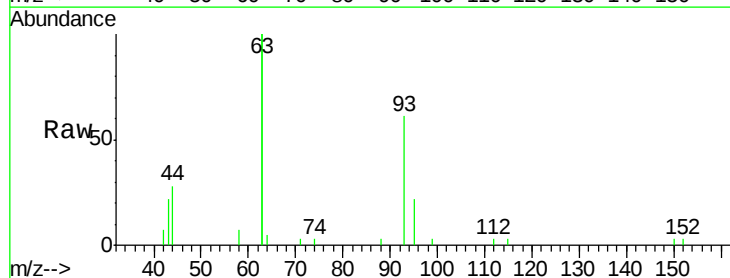
Tgt Ion: 93 Resp: 1471

Ion Ratio Lower Upper

93 100

63 340.8 275.3 412.9

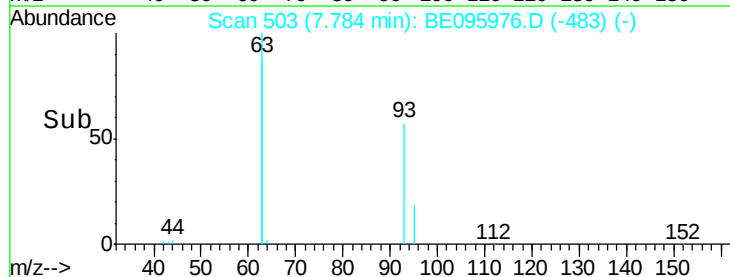
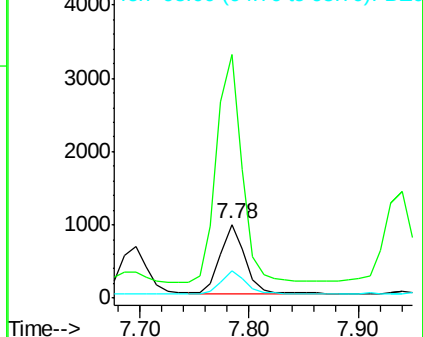
95 35.2 25.2 37.8

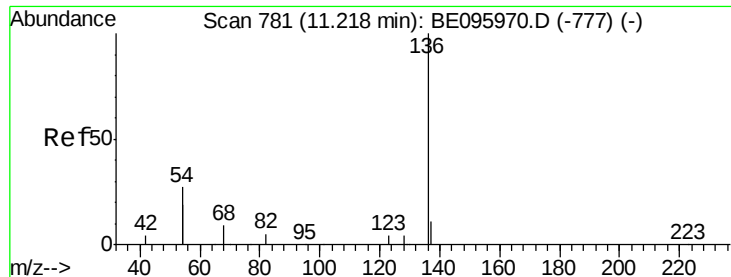


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5124

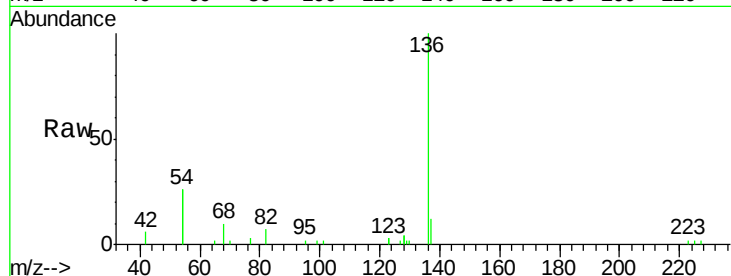
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 52.2 29.1 43.7#

68 9.5 6.2 9.2#

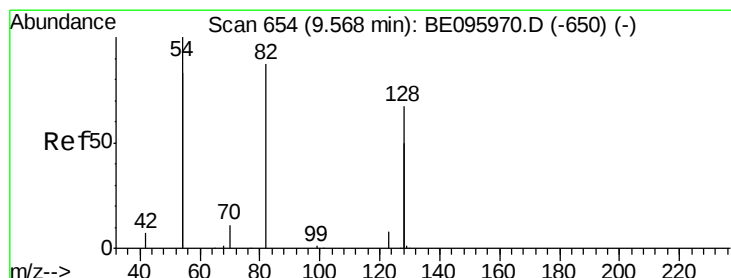
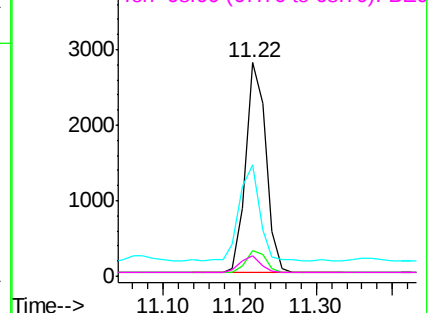
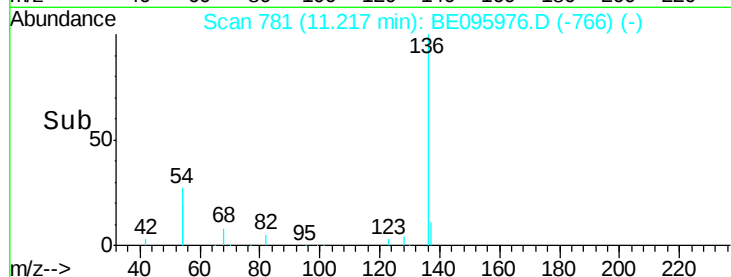


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.029 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.08 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

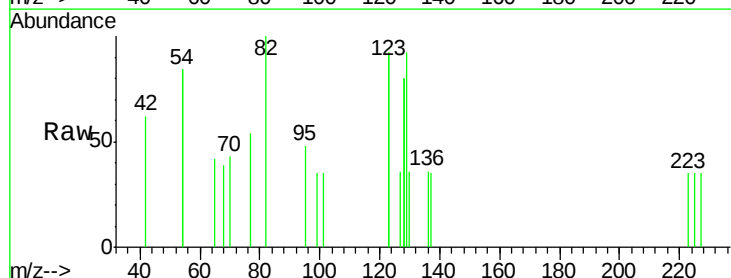
Tgt Ion: 82 Resp: 172

Ion Ratio Lower Upper

82 100

128 160.0 150.0 225.0

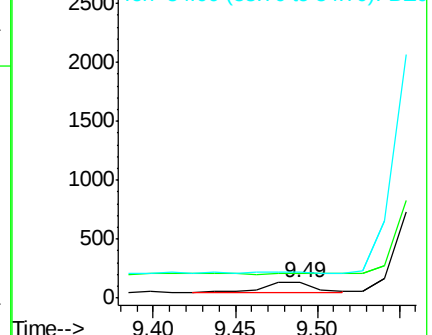
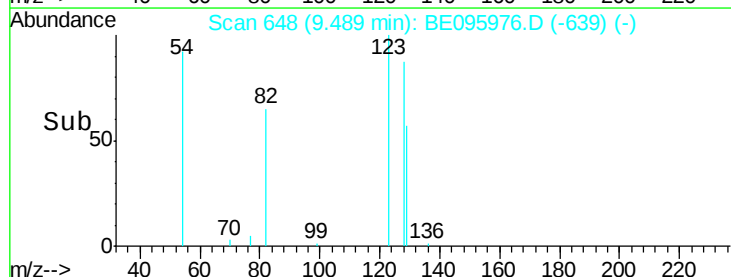
54 167.7 154.2 231.4

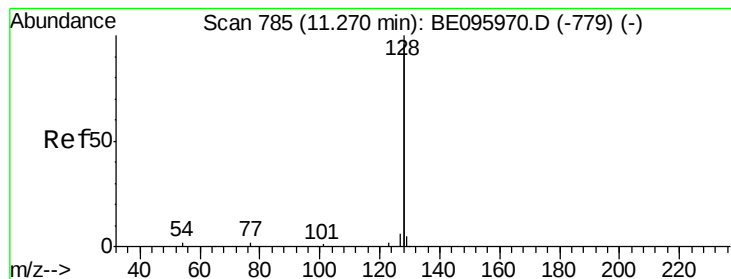


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.315 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

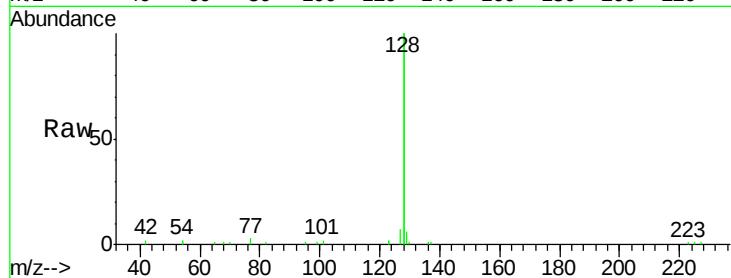
Tot Ion:128 Resp: 16991

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

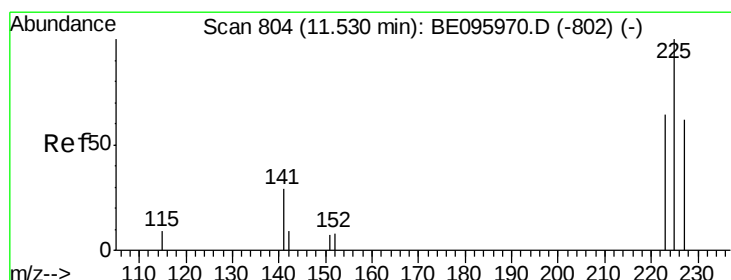
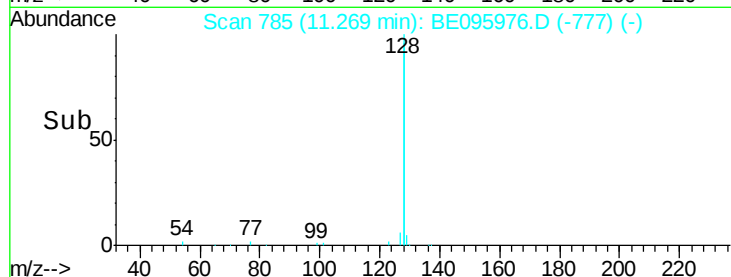
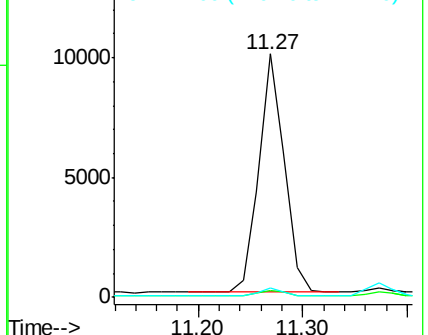
127 3.7 2.8 4.2



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: 0.243 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

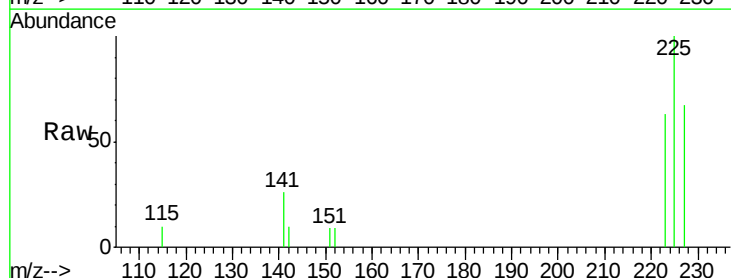
Tgt Ion:225 Resp: 583

Ion Ratio Lower Upper

225 100

223 59.0 53.0 79.6

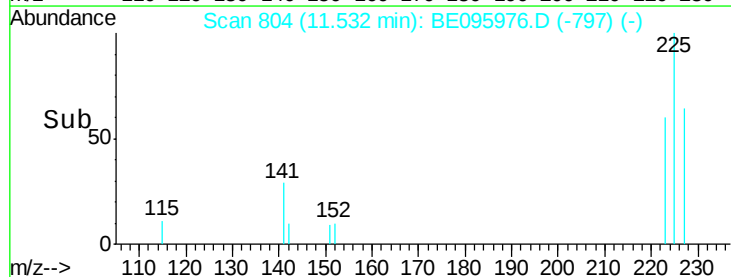
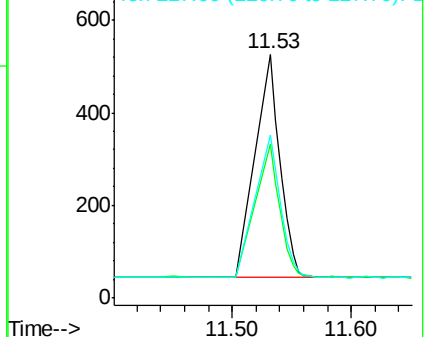
227 65.2 51.4 77.2

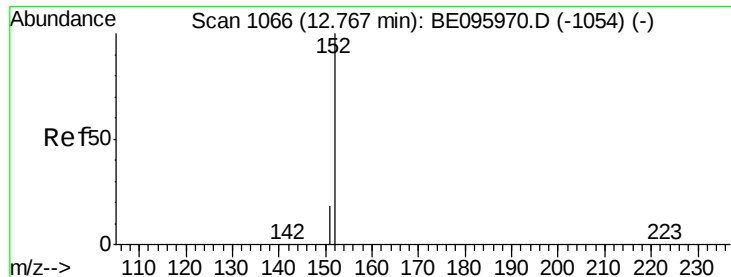


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

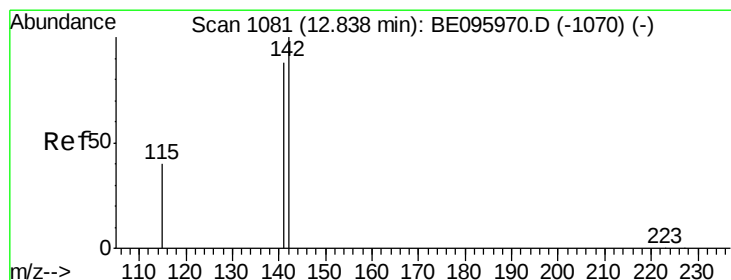
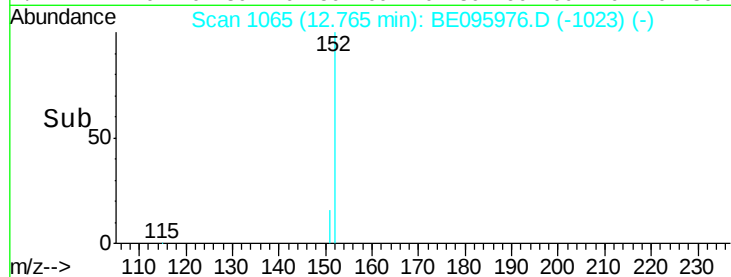
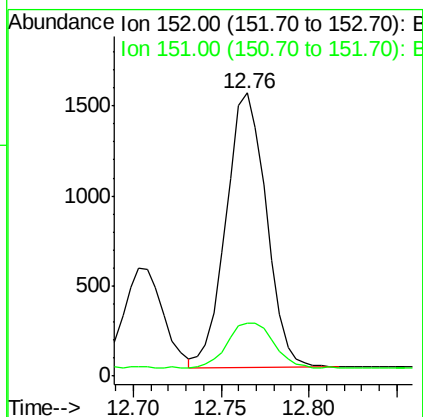
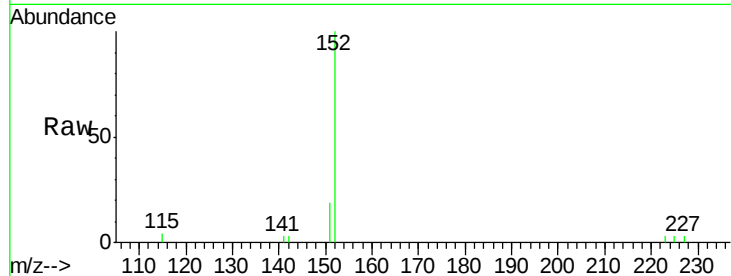




#11
 2-Methylnaphthalene-d10
 Concen: 0.298 ng
 RT: 12.76 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BE095976.D
 Acq: 11 Apr 2018 18:21

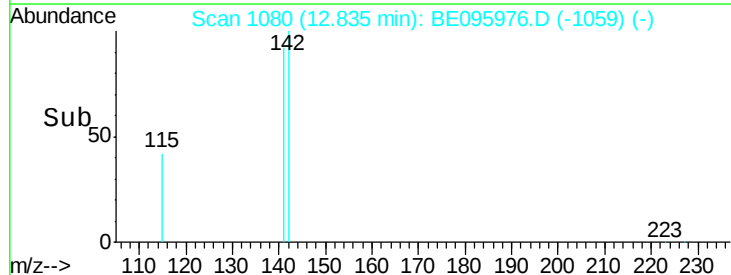
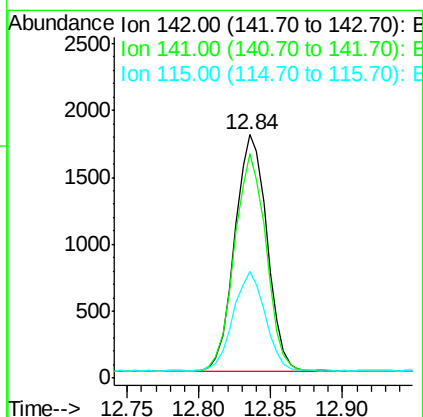
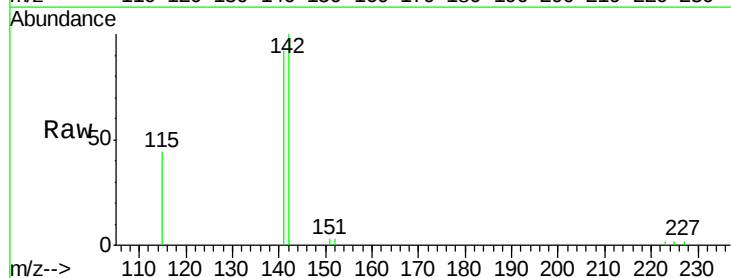
Instrument :
 BNA_E
 ClientSampleId :

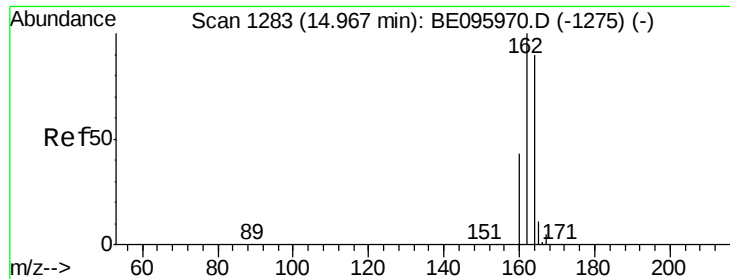
Tot Ion:152 Resp: 2422
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.311 ng
 RT: 12.84 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BE095976.D
 Acq: 11 Apr 2018 18:21

Tgt Ion:142 Resp: 2778
 Ion Ratio Lower Upper
 142 100
 141 92.0 70.4 105.6
 115 43.7 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampled :

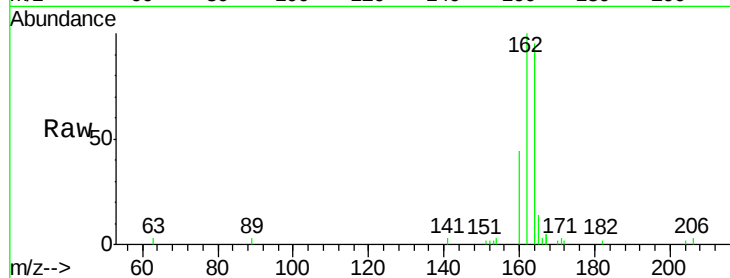
Tot Ion:164 Resp: 2667

Ion Ratio Lower Upper

164 100

162 104.8 83.1 124.7

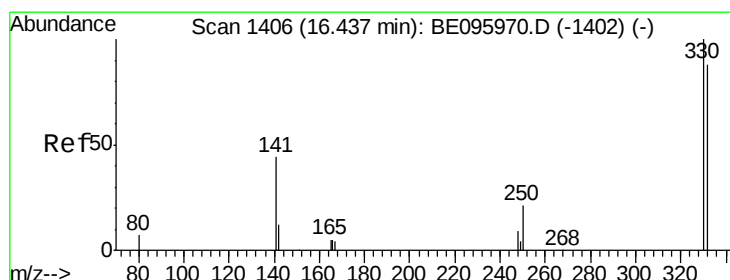
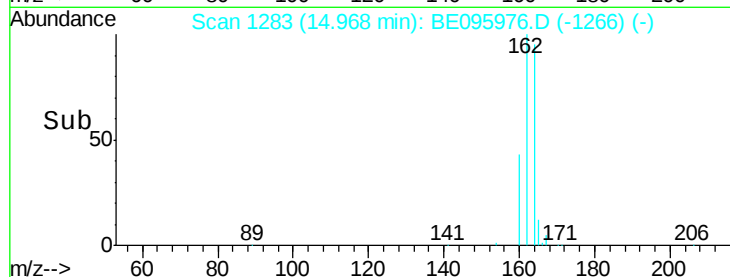
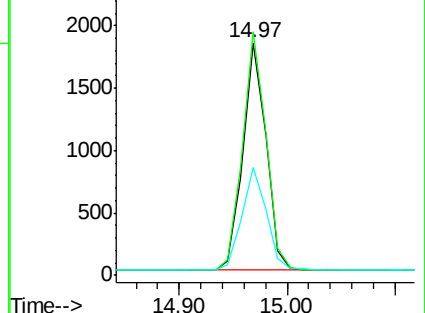
160 46.3 37.1 55.7



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: 0.223 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

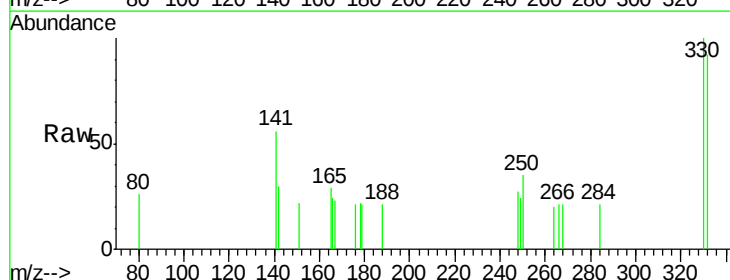
Tgt Ion:330 Resp: 287

Ion Ratio Lower Upper

330 100

332 94.4 152.7 229.1#

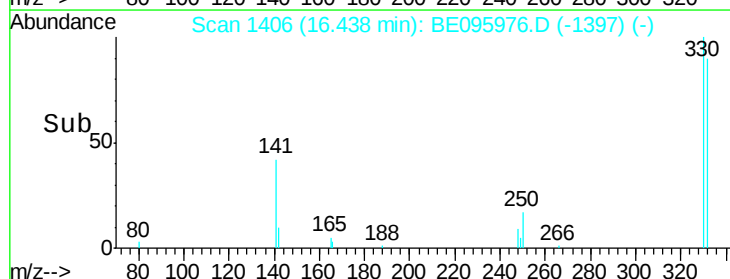
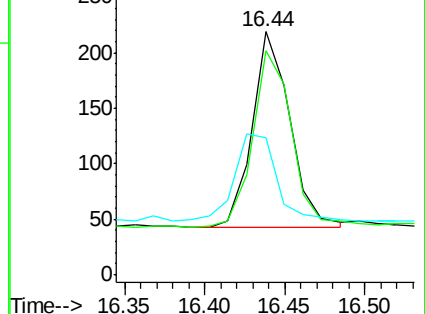
141 48.4 33.7 50.5

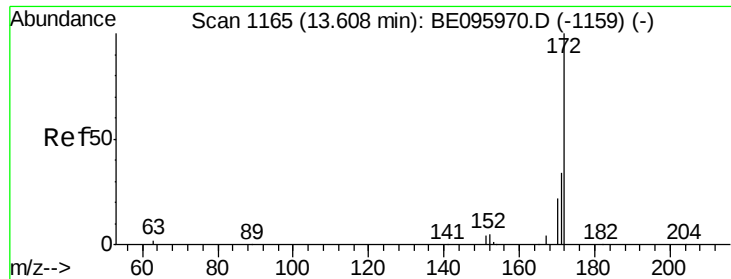


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

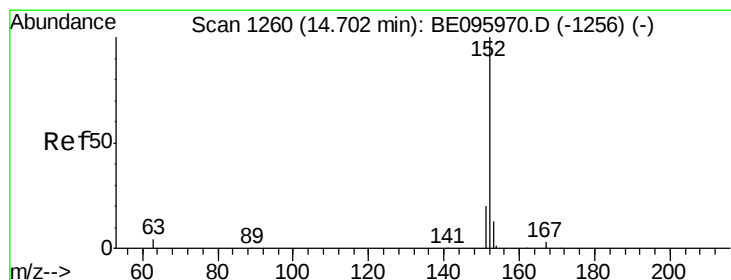
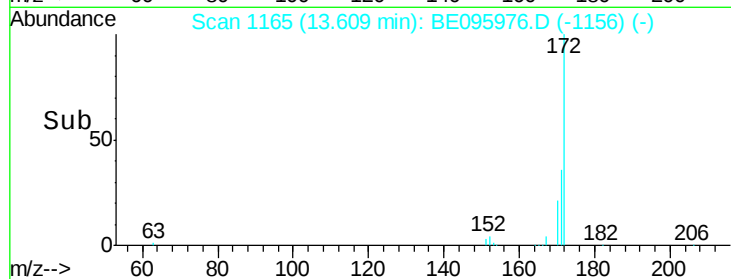
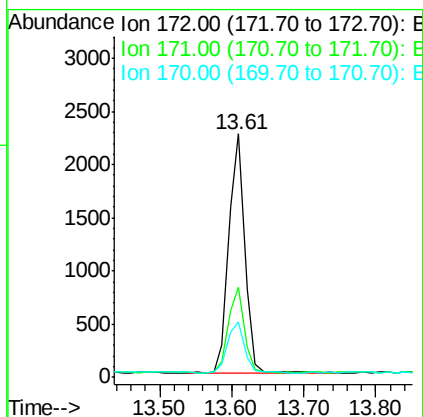
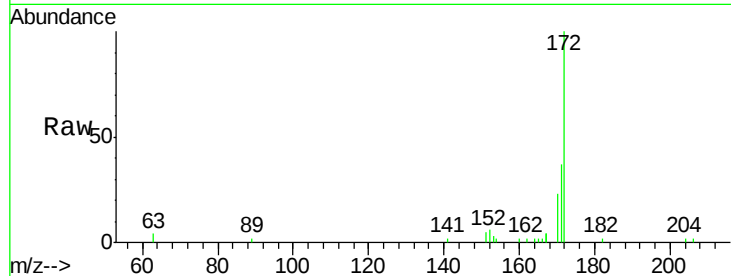




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095976.D
Acq: 11 Apr 2018 18:21

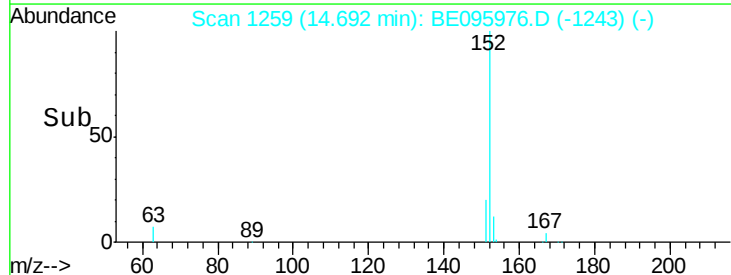
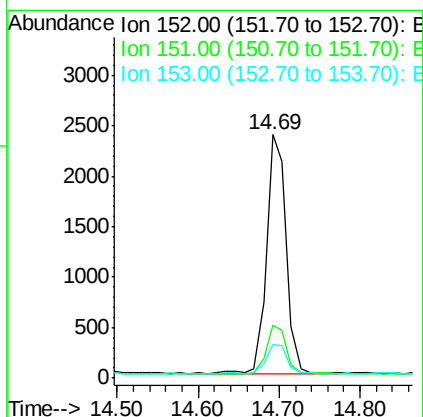
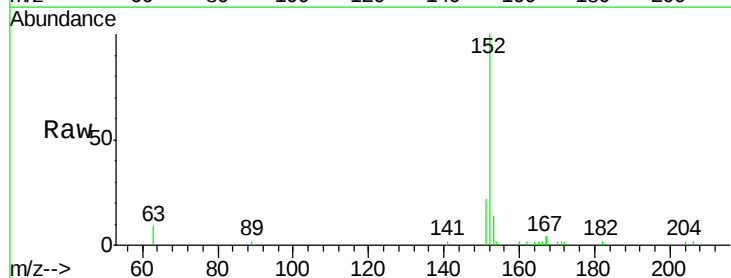
Instrument :
BNA_E
ClientSampleId :

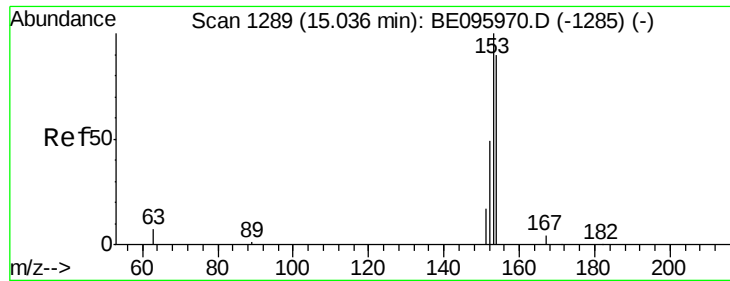
Tot Ion:172 Resp: 3431
Ion Ratio Lower Upper
172 100
171 37.0 29.9 44.9
170 22.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.281 ng
RT: 14.69 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE095976.D
Acq: 11 Apr 2018 18:21

Tgt Ion:152 Resp: 4007
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.282 ng

RT: 15.03 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

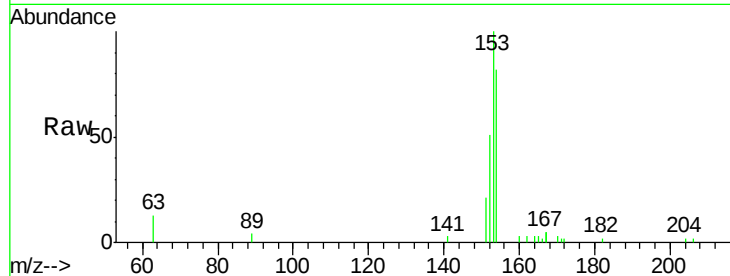
Tot Ion:154 Resp: 2413

Ion Ratio Lower Upper

154 100

153 118.4 89.2 133.8

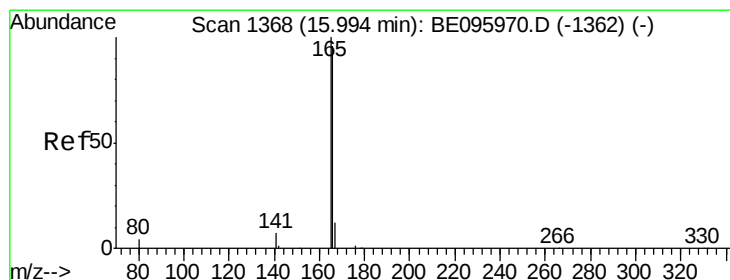
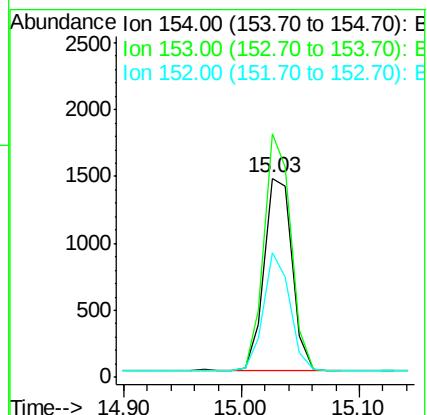
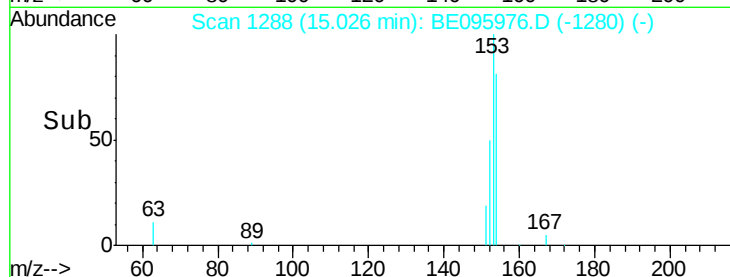
152 57.5 42.0 63.0



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: 0.287 ng

RT: 15.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

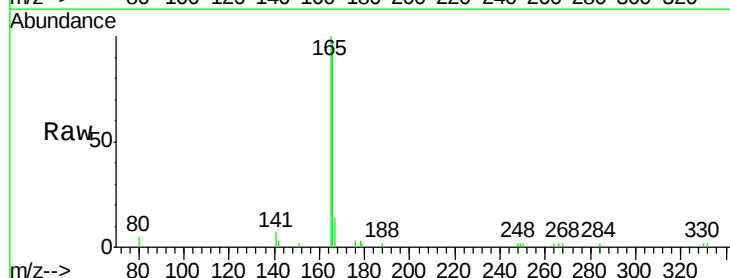
Tgt Ion:166 Resp: 3038

Ion Ratio Lower Upper

166 100

165 100.3 77.8 116.6

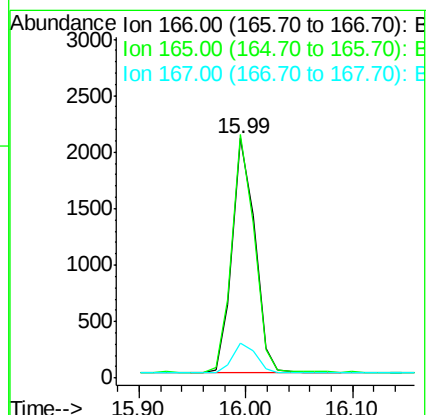
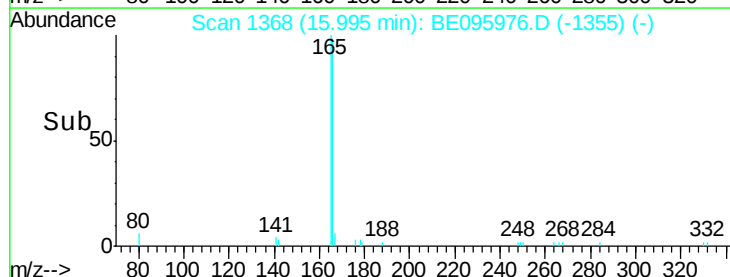
167 13.5 42.4 63.6#

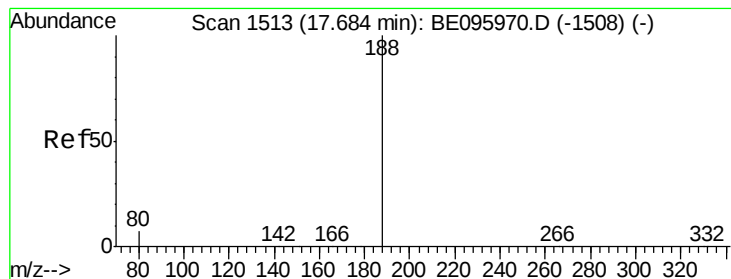


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

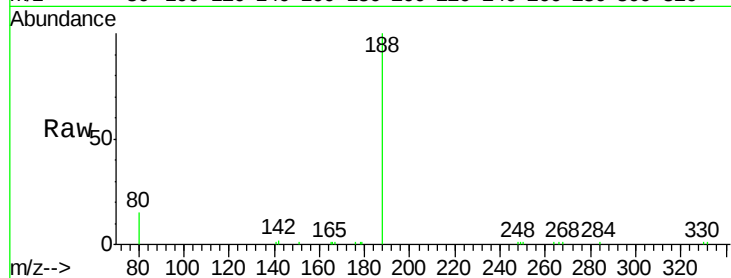
Tot Ion:188 Resp: 5810

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

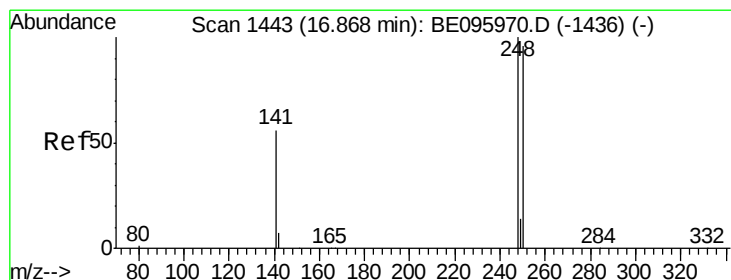
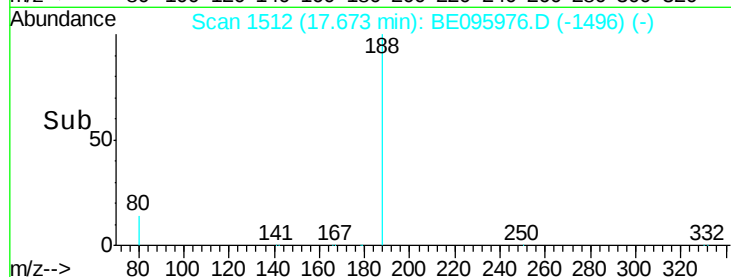
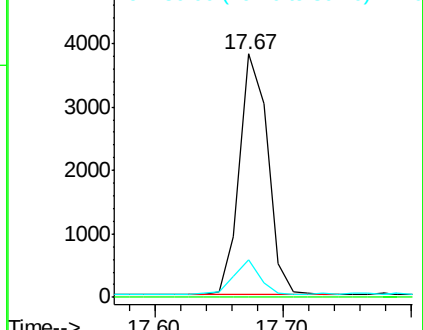
80 15.2 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.274 ng

RT: 16.87 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

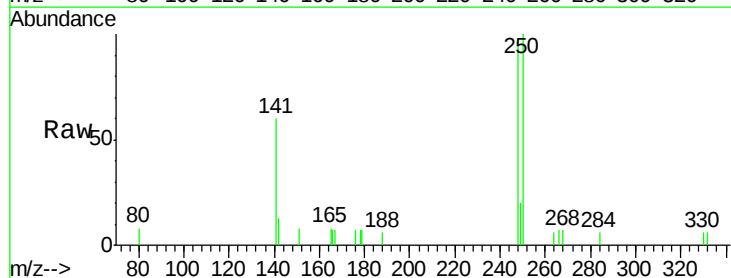
Tgt Ion:248 Resp: 947

Ion Ratio Lower Upper

248 100

250 103.5 62.7 94.1#

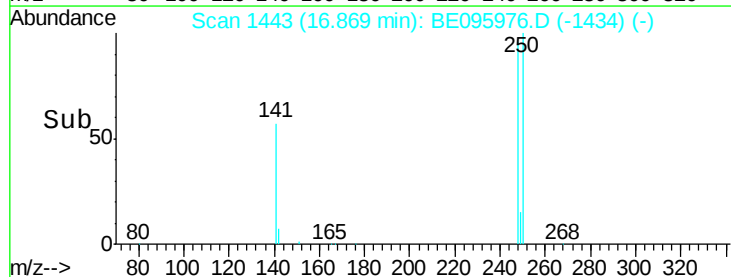
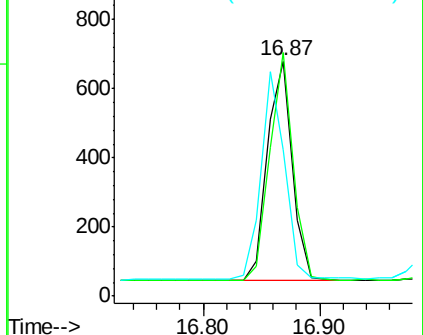
141 62.2 48.2 72.2

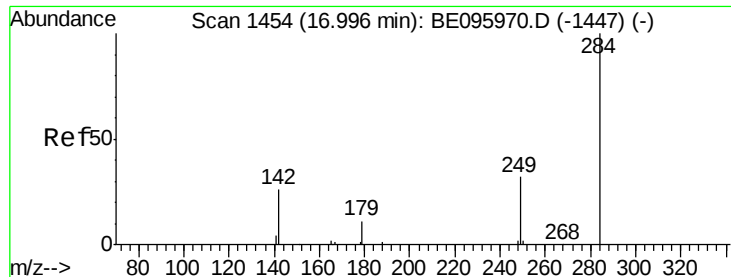


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.287 ng

RT: 17.00 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

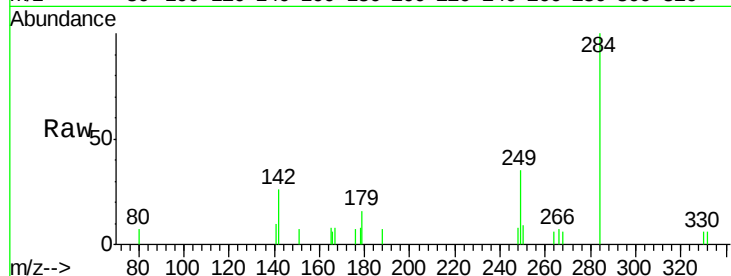
Tot Ion:284 Resp: 986

Ion Ratio Lower Upper

284 100

142 42.3 22.1 33.1#

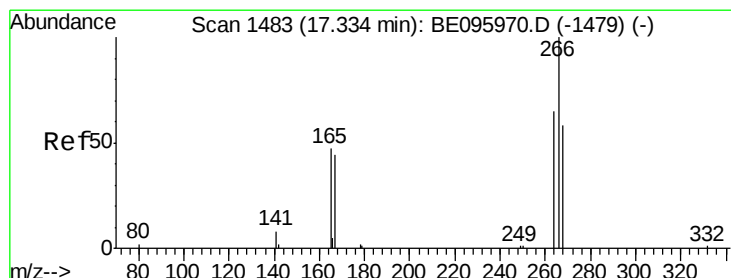
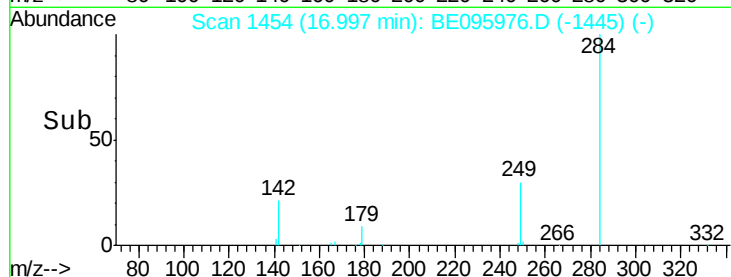
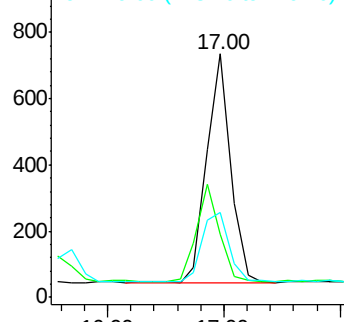
249 34.9 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.368 ng

RT: 17.34 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

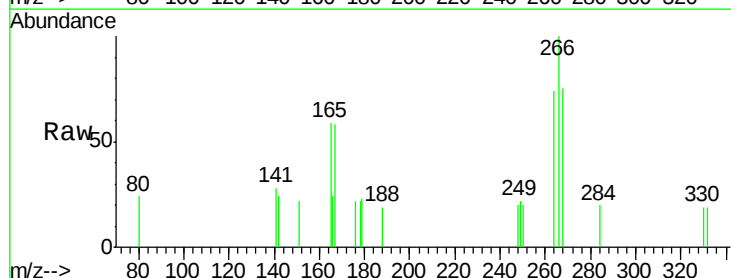
Tgt Ion:266 Resp: 369

Ion Ratio Lower Upper

266 100

264 74.5 72.5 108.7

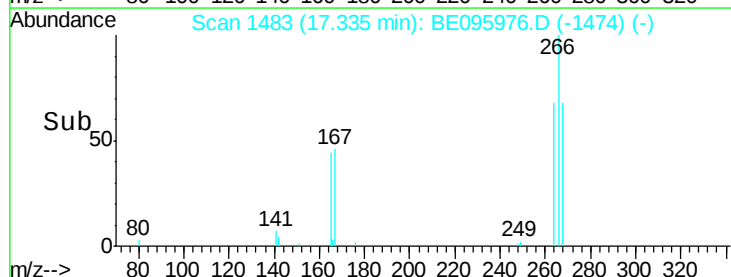
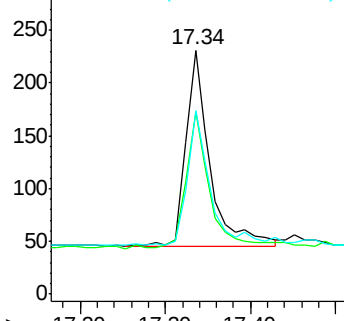
268 75.3 73.8 110.6

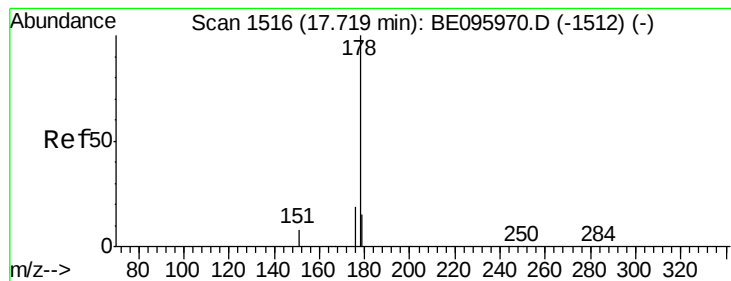


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.300 ng

RT: 17.72 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampled :

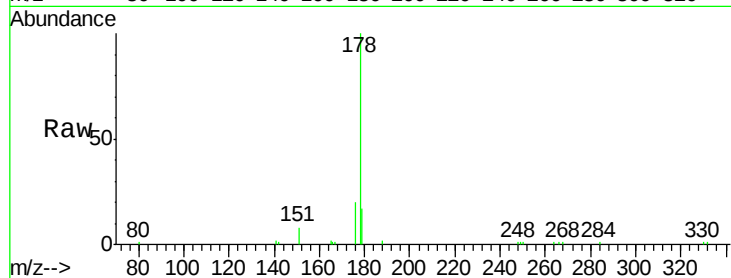
Tot Ion:178 Resp: 4900

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

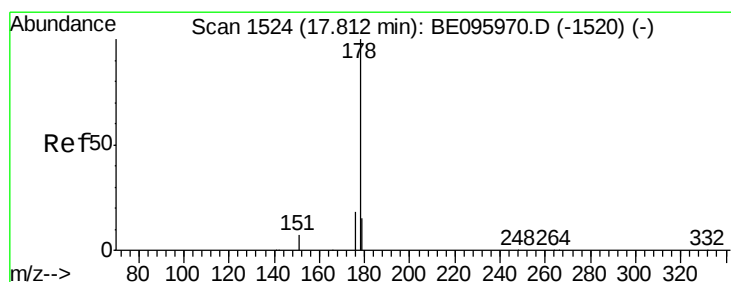
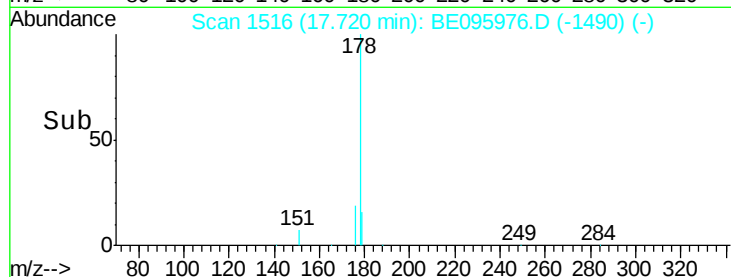
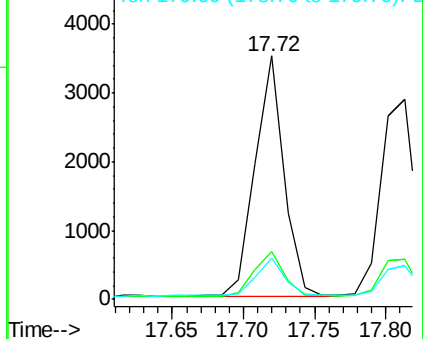
179 15.3 11.8 17.6



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: 0.308 ng

RT: 17.81 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

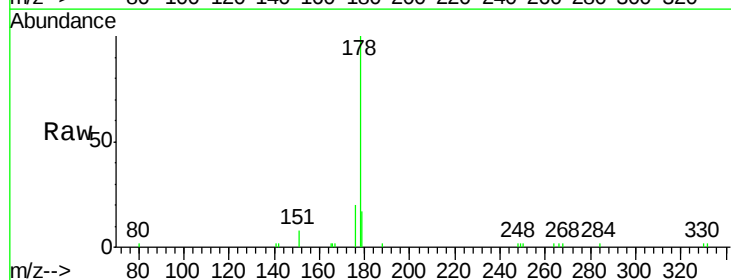
Tgt Ion:178 Resp: 4812

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

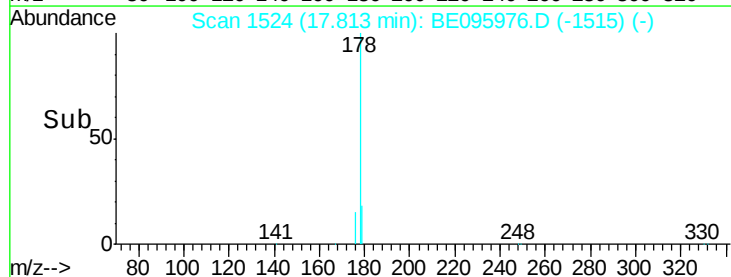
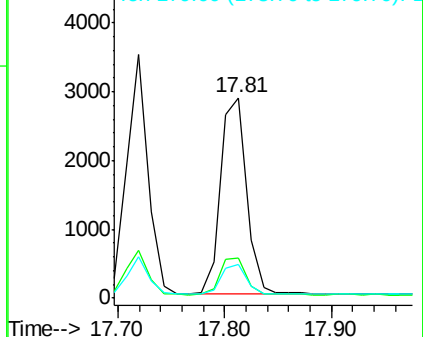
179 15.2 13.0 19.6

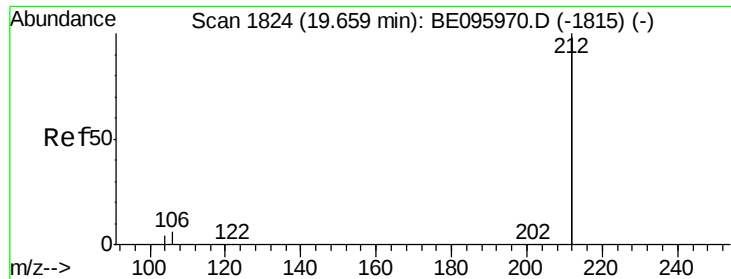


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

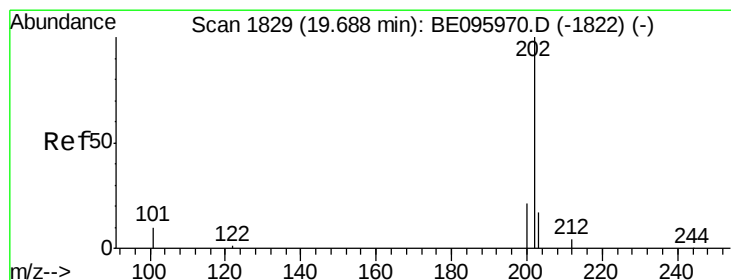
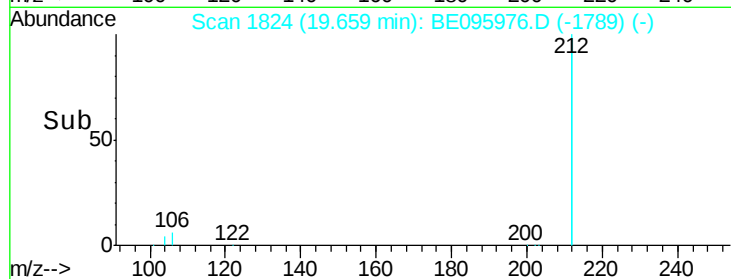
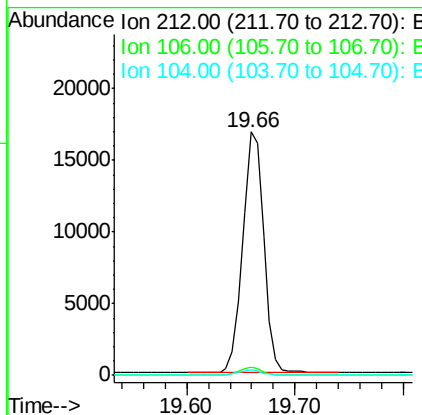
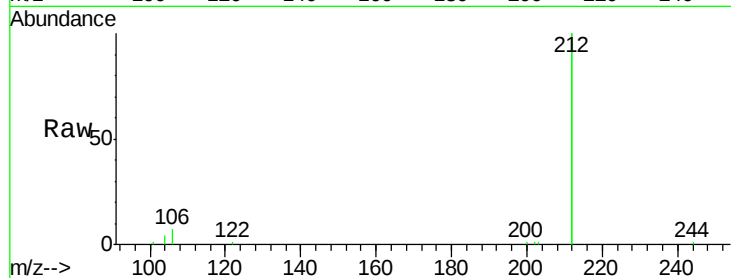




#25
 Fluoranthene-d10
 Concen: 0.287 ng
 RT: 19.66 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BE095976.D
 Acq: 11 Apr 2018 18:21

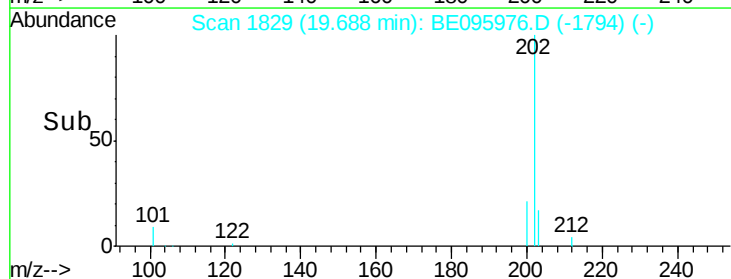
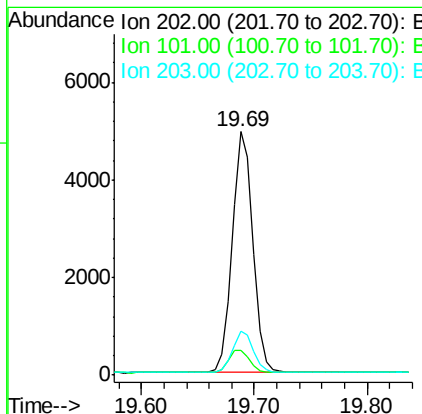
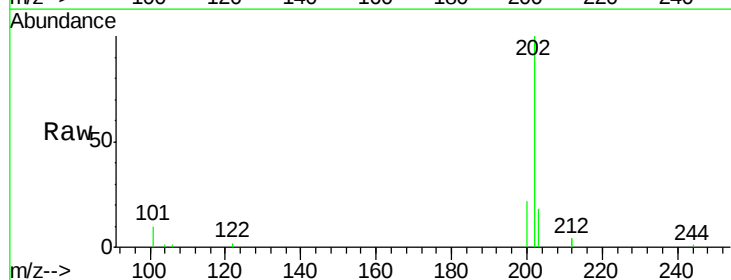
Instrument :
 BNA_E
 ClientSampleId :

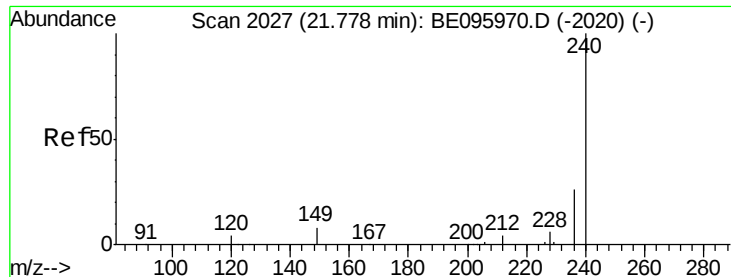
Tot Ion:212 Resp: 22614
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.8 1.6 2.4



#26
 Fluoranthene
 Concen: 0.295 ng
 RT: 19.69 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE095976.D
 Acq: 11 Apr 2018 18:21

Tgt Ion:202 Resp: 6324
 Ion Ratio Lower Upper
 202 100
 101 10.0 9.8 14.8
 203 17.3 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: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampled :

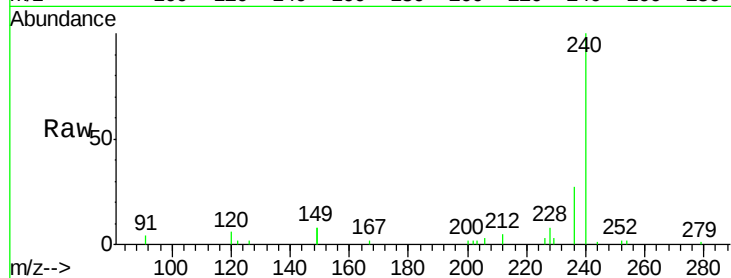
Tot Ion:240 Resp: 6430

Ion Ratio Lower Upper

240 100

120 6.4 5.5 8.3

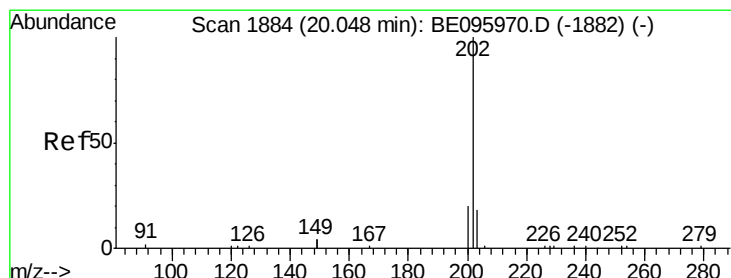
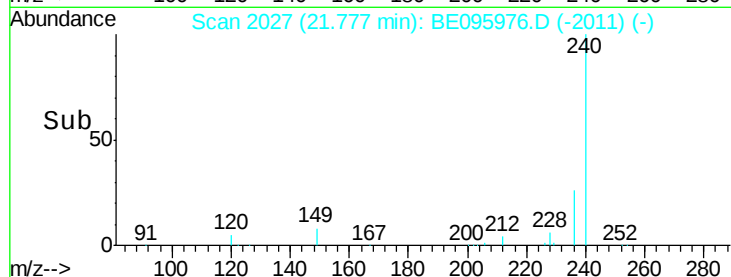
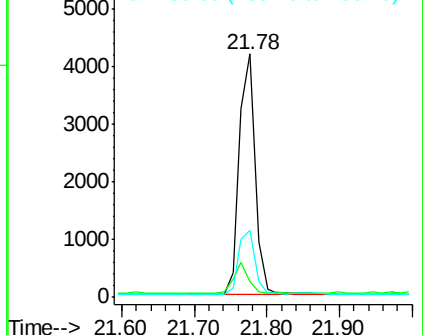
236 27.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.260 ng

RT: 20.05 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

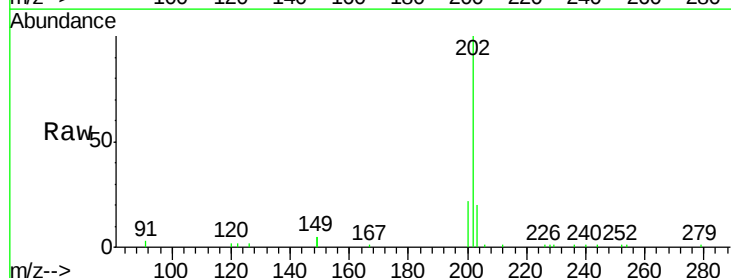
Tgt Ion:202 Resp: 3293

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

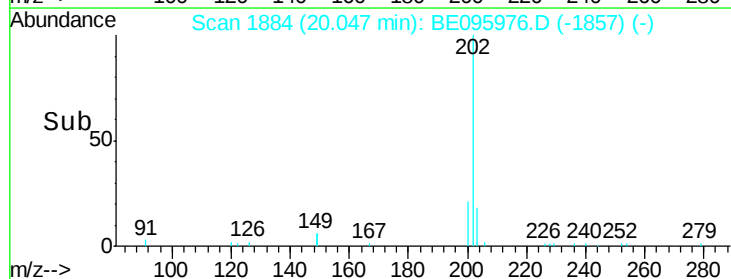
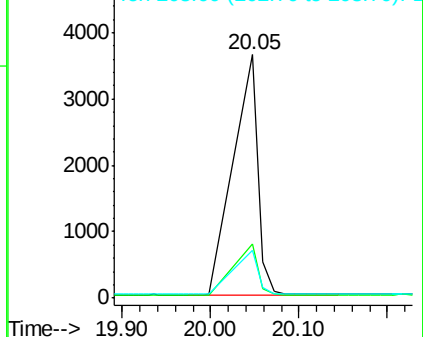
203 21.6 13.8 20.8#

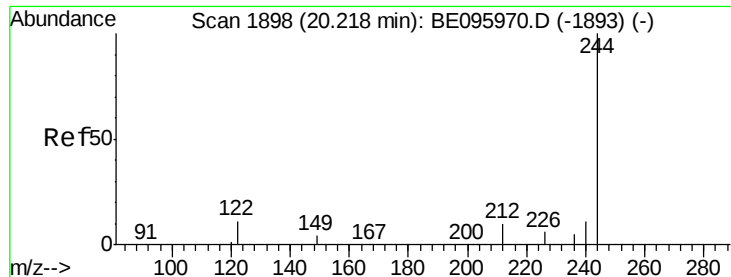


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.293 ng

RT: 20.22 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

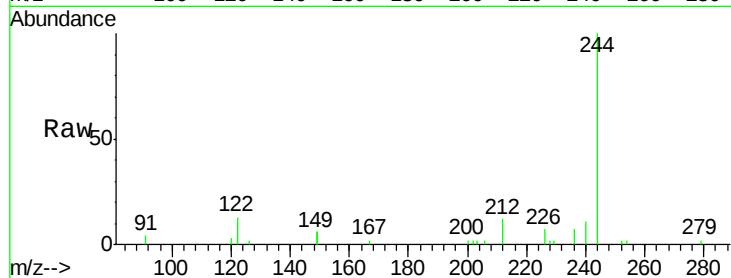
Tot Ion:244 Resp: 4157

Ion Ratio Lower Upper

244 100

212 11.5 25.4 38.0#

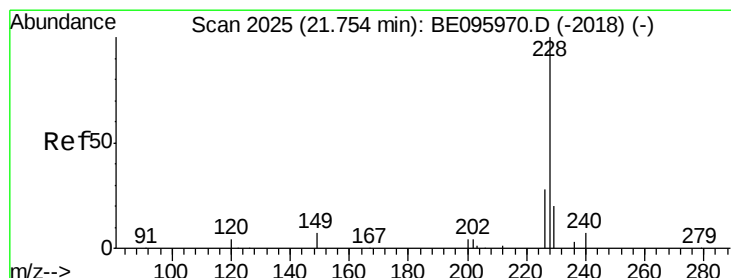
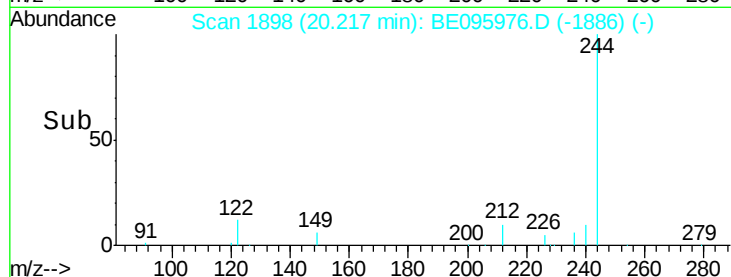
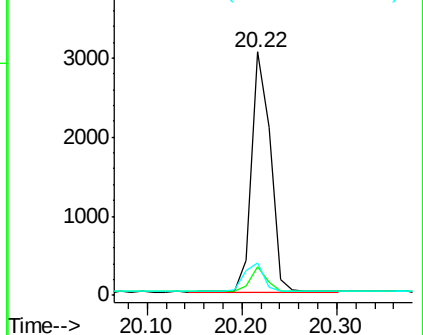
122 13.3 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.316 ng

RT: 21.75 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

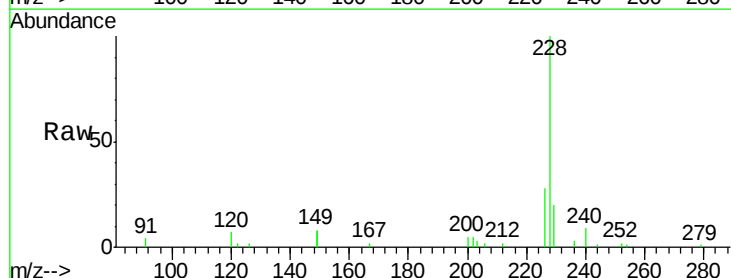
Tgt Ion:228 Resp: 6521

Ion Ratio Lower Upper

228 100

226 28.3 24.0 36.0

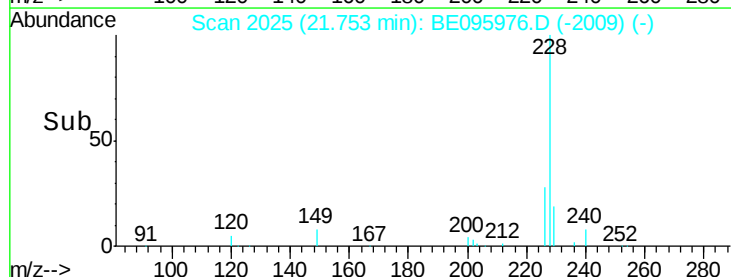
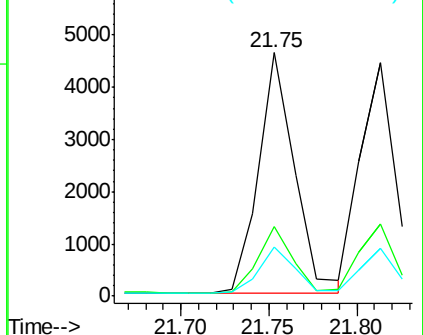
229 20.4 16.0 24.0

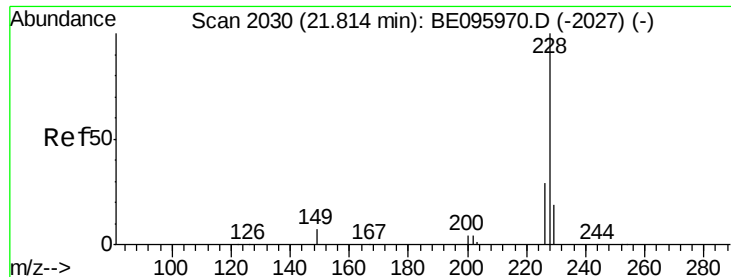


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.305 ng

RT: 21.81 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

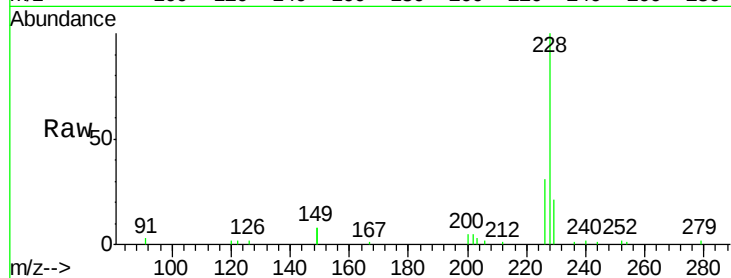
Tot Ion:228 Resp: 6084

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

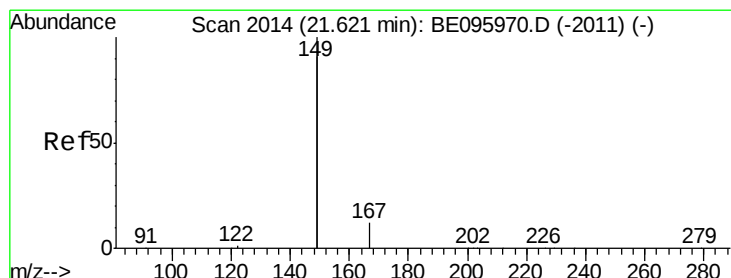
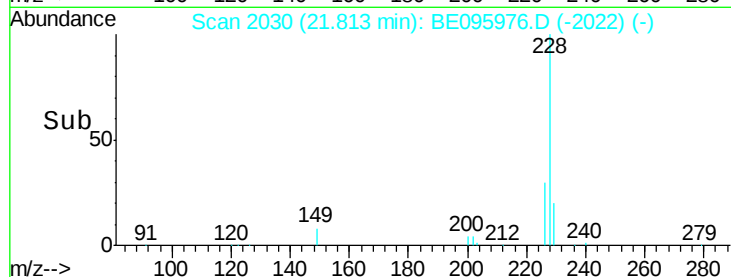
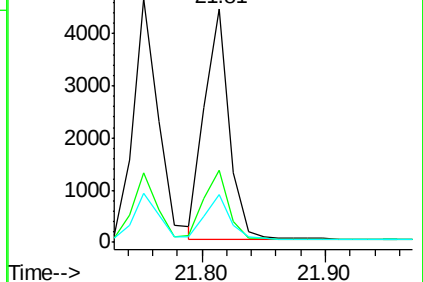
229 20.7 16.0 24.0



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: 0.276 ng

RT: 21.62 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

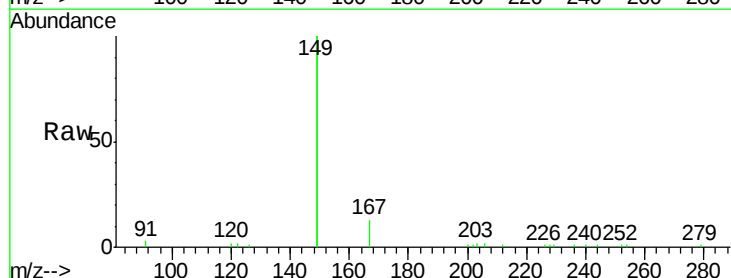
Tgt Ion:149 Resp: 14712

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

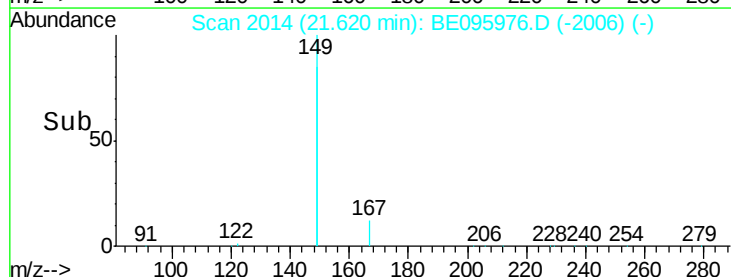
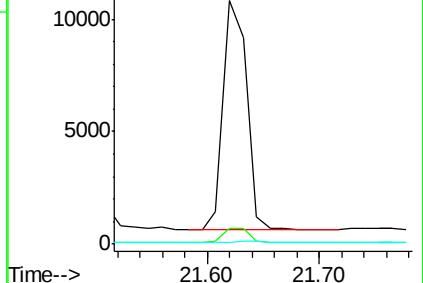
279 0.9 0.7 1.1

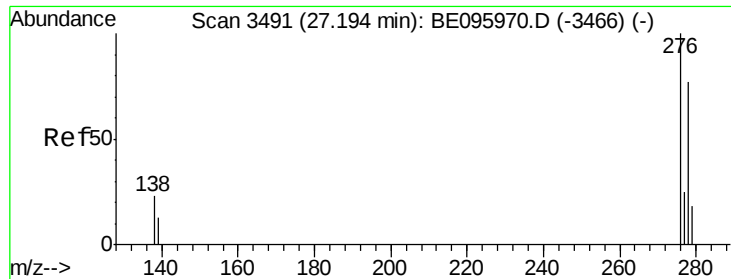


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

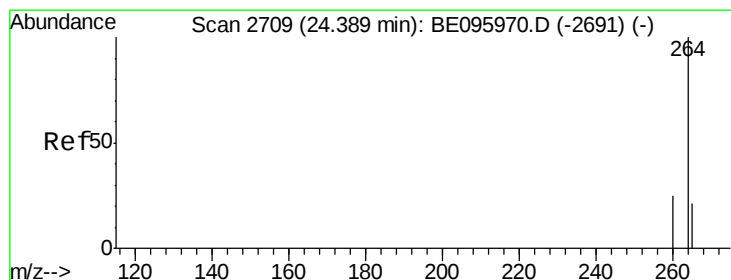
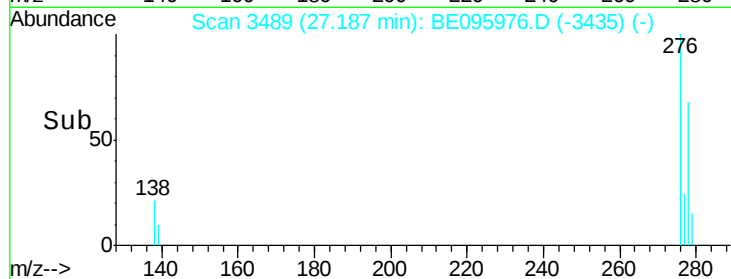
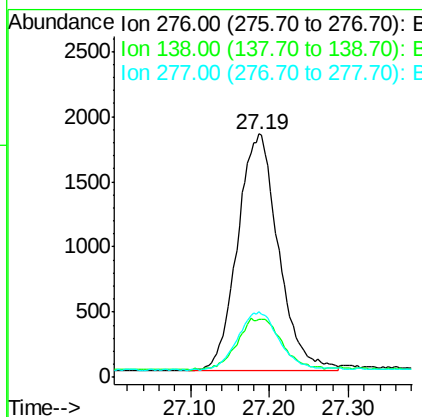
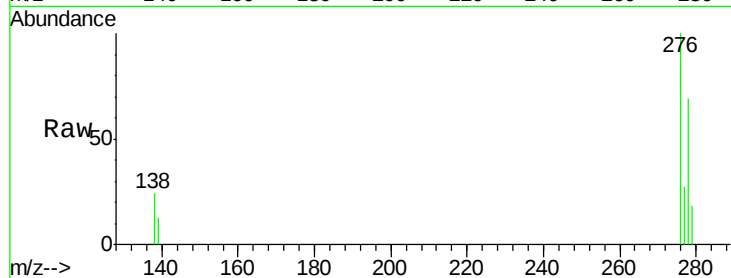




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.336 ng
 RT: 27.19 min Scan# 3489
 Delta R.T. -0.01 min
 Lab File: BE095976.D
 Acq: 11 Apr 2018 18:21

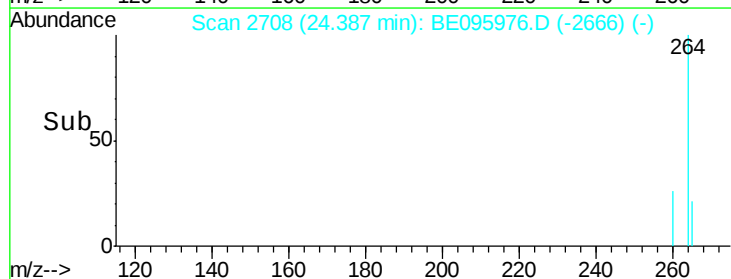
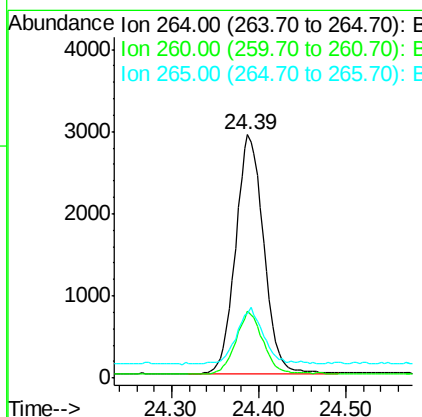
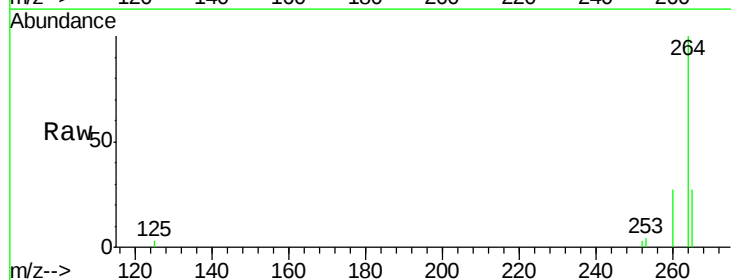
Instrument :
 BNA_E
 ClientSampleId :

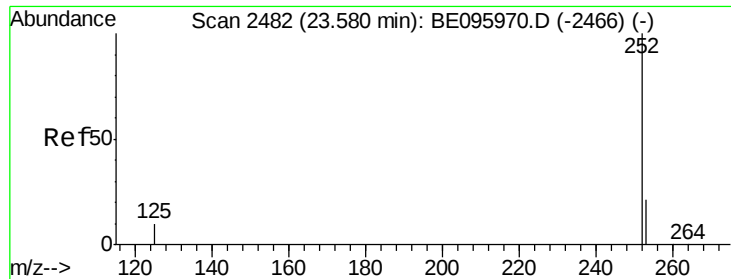
Tot Ion:276 Resp: 6492
 Ion Ratio Lower Upper
 276 100
 138 10.4 22.5 33.7#
 277 24.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.39 min Scan# 2708
 Delta R.T. -0.00 min
 Lab File: BE095976.D
 Acq: 11 Apr 2018 18:21

Tgt Ion:264 Resp: 6496
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.5 30.7
 265 26.7 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.314 ng

RT: 23.58 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

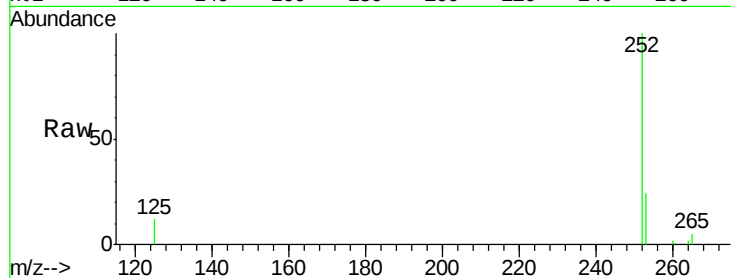
Tot Ion:252 Resp: 6110

Ion Ratio Lower Upper

252 100

253 24.2 20.0 30.0

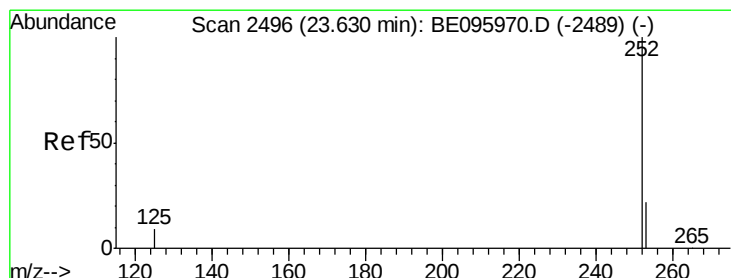
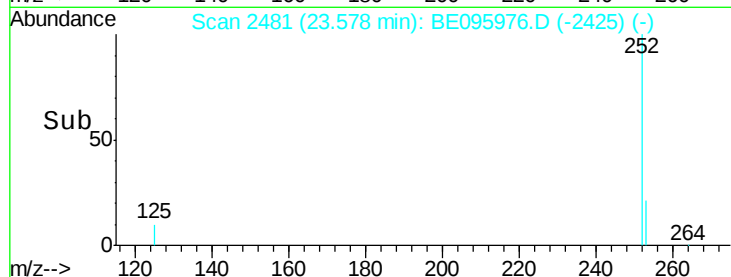
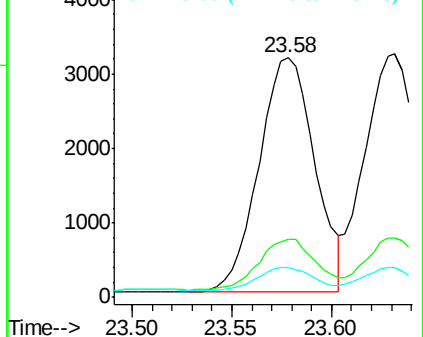
125 12.5 16.0 24.0#



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: 0.302 ng

RT: 23.63 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

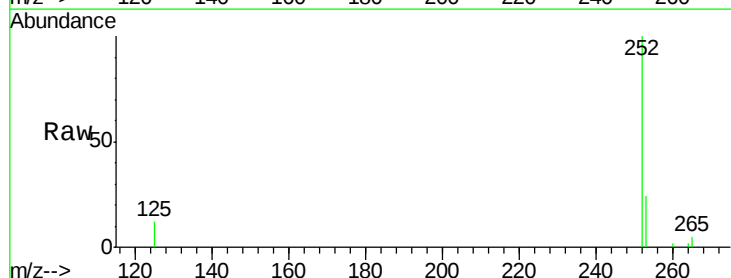
Tgt Ion:252 Resp: 6056

Ion Ratio Lower Upper

252 100

253 24.1 16.0 24.0#

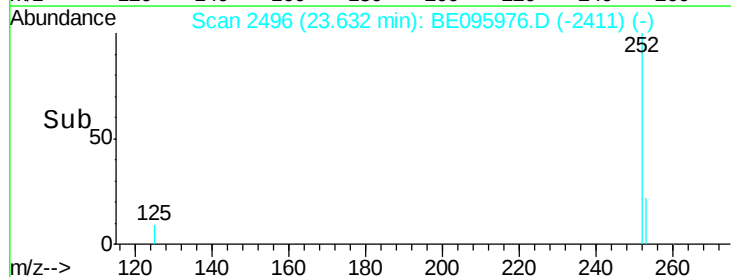
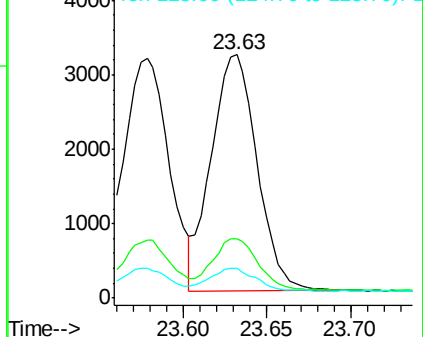
125 12.1 8.0 12.0#

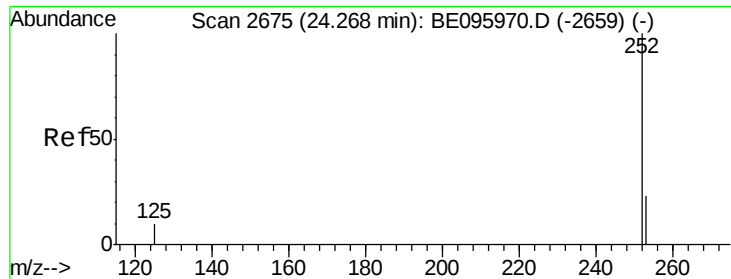


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.315 ng

RT: 24.27 min Scan# 2675

Delta R.T. 0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :

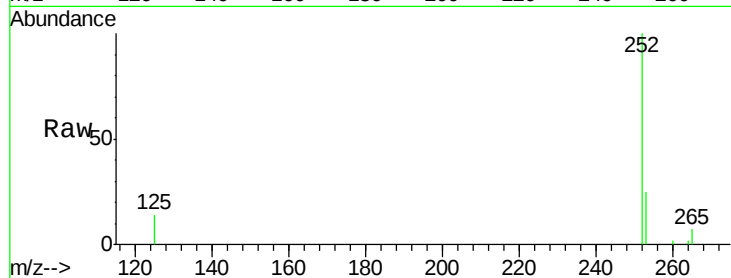
Tot Ion:252 Resp: 5894

Ion Ratio Lower Upper

252 100

253 24.6 16.0 24.0#

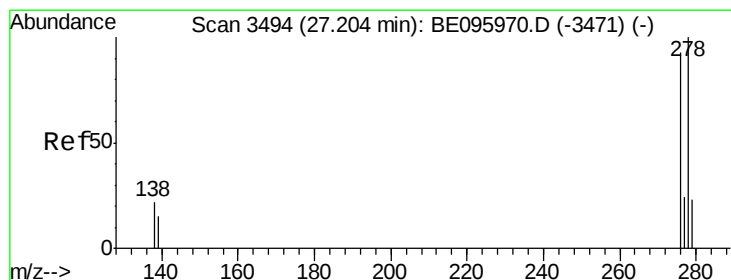
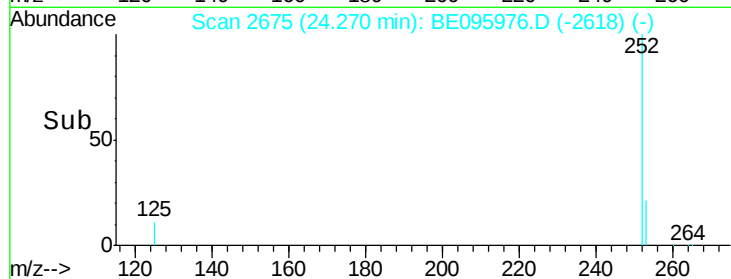
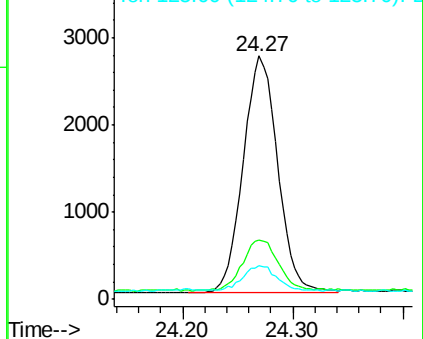
125 13.7 12.0 18.0



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: 0.311 ng

RT: 27.20 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

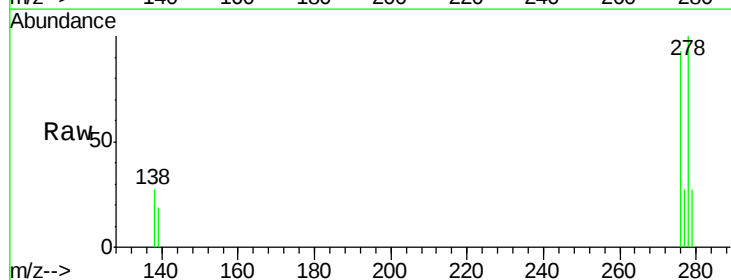
Tgt Ion:278 Resp: 5134

Ion Ratio Lower Upper

278 100

139 18.7 16.0 24.0

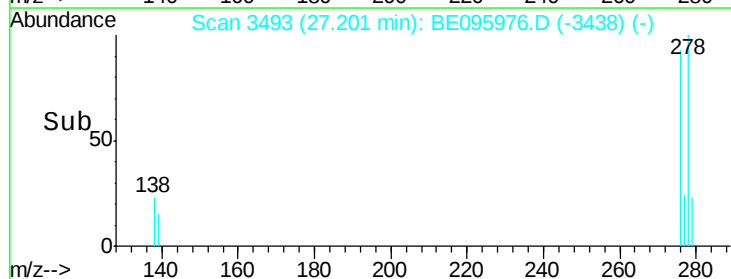
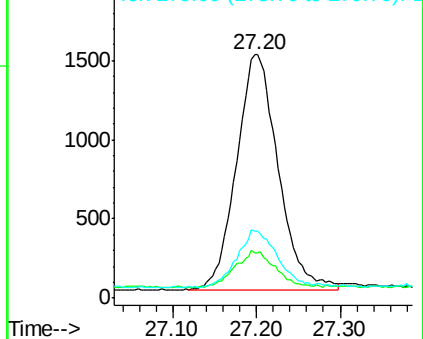
279 27.4 20.0 30.0

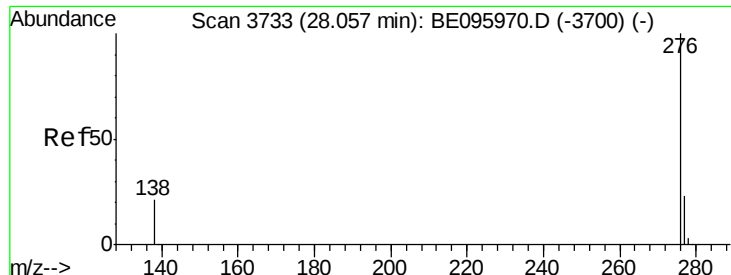


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.325 ng

RT: 28.06 min Scan# 3733

Delta R.T. 0.00 min

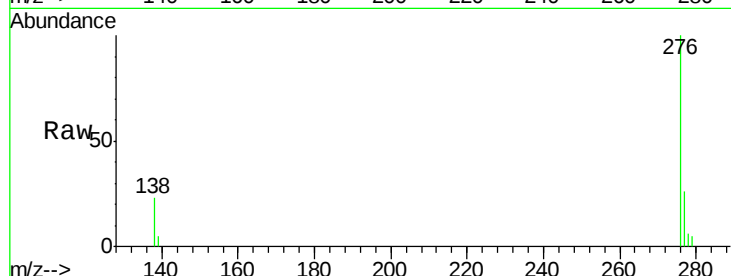
Lab File: BE095976.D

Acq: 11 Apr 2018 18:21

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 5678

Ion Ratio Lower Upper

276 100

277 26.4 16.0 24.0#

138 22.7 20.0 30.0

