

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095968.D
 Acq On : 11 Apr 2018 13:35
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 11 15:27:44 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	1157	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4359	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2380	0.40	ng	0.00
19) Phenanthrene-d10	17.68	188	5894	0.40	ng	0.00
27) Chrysene-d12	21.78	240	6740	0.40	ng	0.00
34) Perylene-d12	24.39	264	6535	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	365	0.10	ng	0.00
5) Phenol-d6	7.53	99	499	0.10	ng	0.00
8) Nitrobenzene-d5	9.57	82	524	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.77	152	695	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.45	330	112	0.08	ng	0.01
15) 2-Fluorobiphenyl	13.61	172	1040	0.10	ng	0.00
25) Fluoranthene-d10	19.66	212	8061	0.09	ng	0.00
29) Terphenyl-d14	20.22	244	1506	0.11	ng	0.00

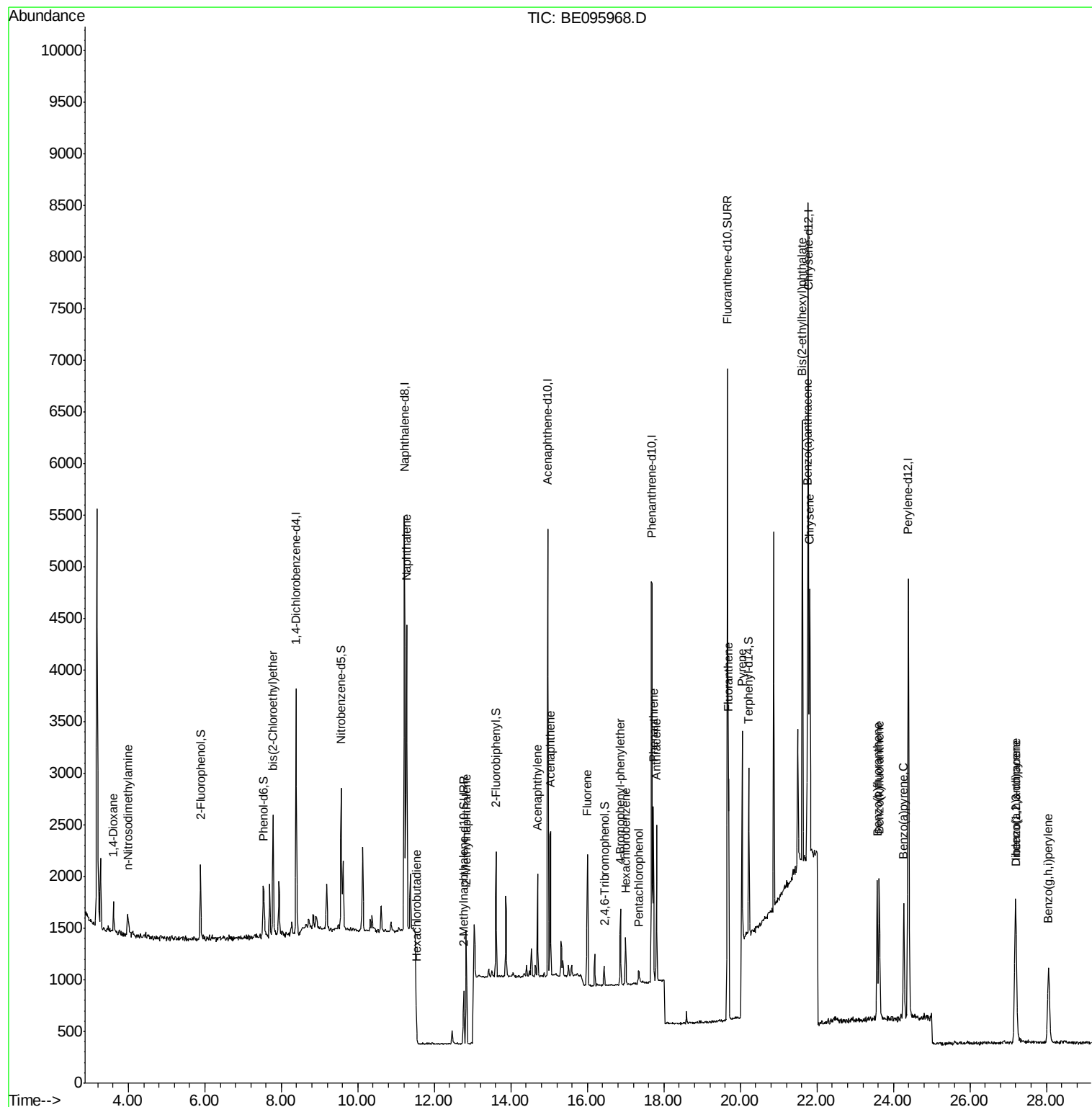
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	244	0.129	ng	89
3) n-Nitrosodimethylamine	3.97	42	204	0.073	ng	# 78
6) bis(2-Chloroethyl)ether	7.79	93	436	0.096	ng	98
9) Naphthalene	11.27	128	4775	0.096	ng	# 97
10) Hexachlorobutadiene	11.53	225	220	0.064	ng	94
12) 2-Methylnaphthalene	12.83	142	774	0.091	ng	# 96
16) Acenaphthylene	14.70	152	1242	0.091	ng	98
17) Acenaphthene	15.04	154	759	0.091	ng	91
18) Fluorene	16.01	166	957	0.088	ng	# 78
20) 4-Bromophenyl-phenylether	16.87	248	347	0.098	ng	# 79
21) Hexachlorobenzene	17.00	284	345	0.098	ng	# 85
22) Pentachlorophenol	17.35	266	86	0.084	ng	86
23) Phenanthrene	17.72	178	1652	0.094	ng	98
24) Anthracene	17.81	178	1557	0.088	ng	# 95
26) Fluoranthene	19.69	202	2190	0.089	ng	98
28) Pyrene	20.05	202	1237	0.045	ng	# 84
30) Benzo(a)anthracene	21.75	228	2248	0.096	ng	96
31) Chrysene	21.81	228	2156	0.101	ng	95
32) Bis(2-ethylhexyl)phthalate	21.62	149	5935	0.083	ng	99
33) Indeno(1,2,3-cd)pyrene	27.18	276	2057	0.090	ng	93
35) Benzo(b)fluoranthene	23.58	252	1970	0.091	ng	94
36) Benzo(k)fluoranthene	23.63	252	1997	0.092	ng	# 78
37) Benzo(a)pyrene	24.27	252	1890	0.093	ng	# 80
38) Dibenzo(a,h)anthracene	27.21	278	1628	0.085	ng	# 81
39) Benzo(g,h,i)perylene	28.05	276	1789	0.093	ng	# 83

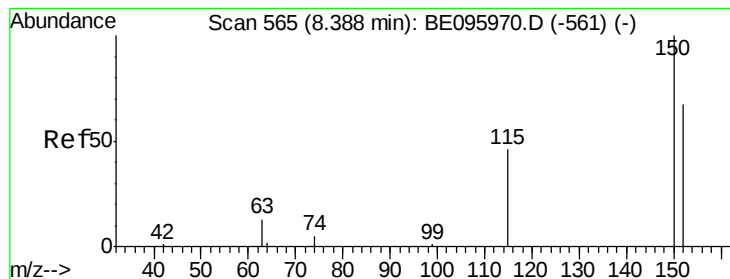
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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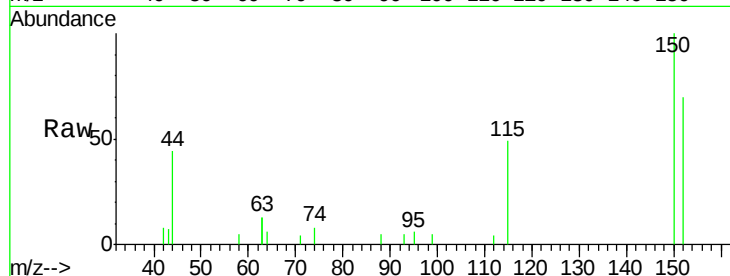


#1

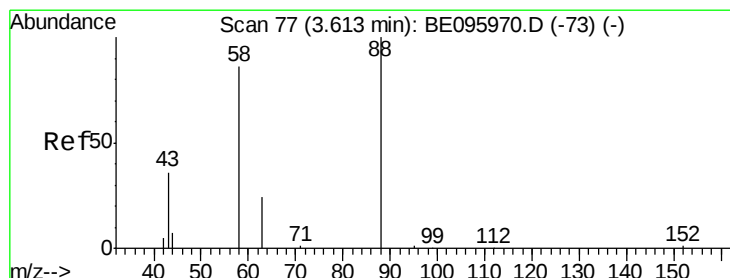
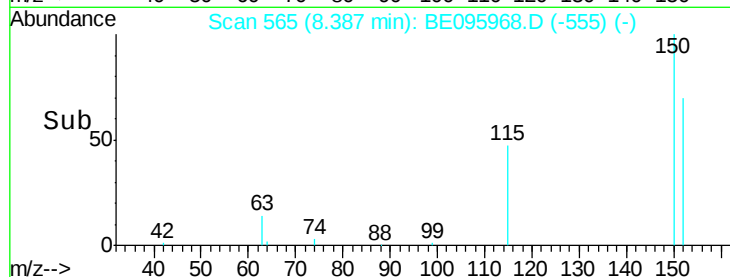
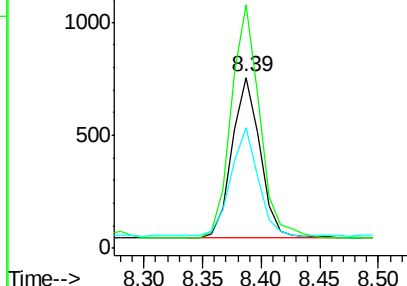
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. -0.00 min
Lab File: BE095968.D
Acq: 11 Apr 2018 13:35

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1157
Ion Ratio Lower Upper
152 100
150 142.3 117.2 175.8
115 70.3 57.0 85.6



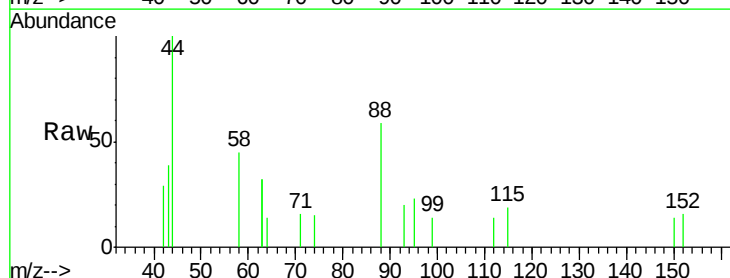
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



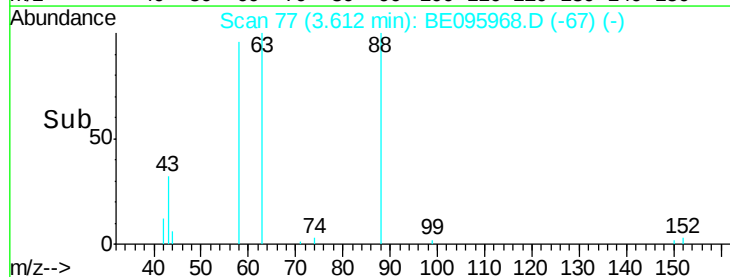
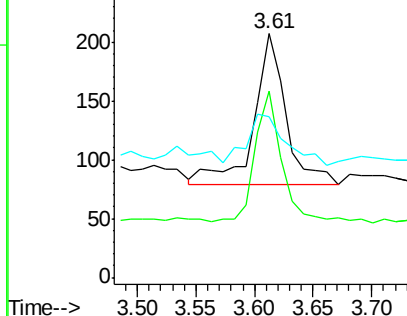
#2

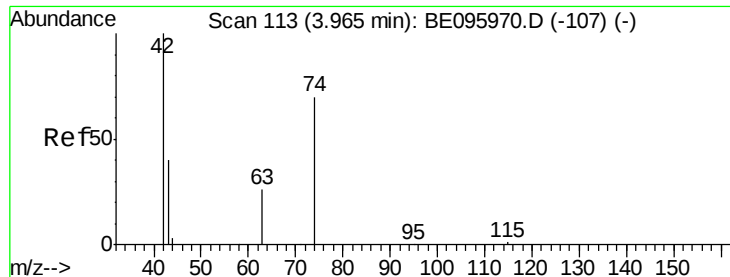
1,4-Dioxane
Concen: 0.129 ng
RT: 3.61 min Scan# 77
Delta R.T. -0.00 min
Lab File: BE095968.D
Acq: 11 Apr 2018 13:35

Tgt Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
58 70.9 63.2 94.8
43 41.4 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



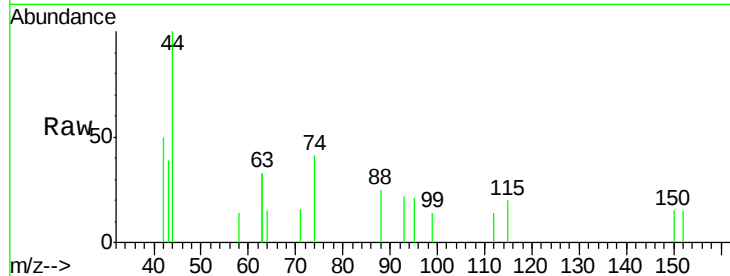


#3

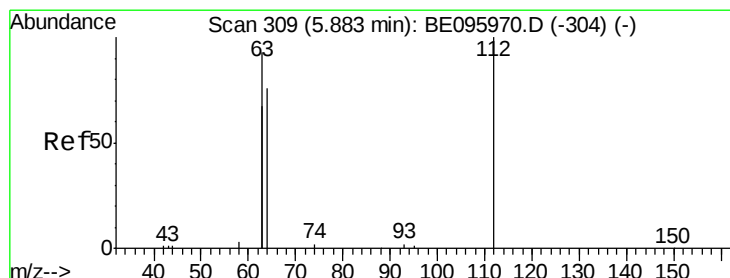
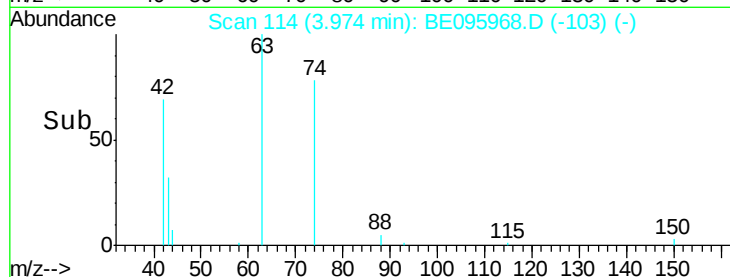
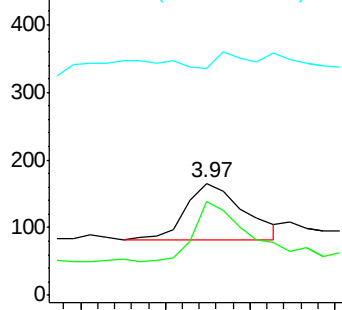
n-Nitrosodimethylamine
 Concen: 0.073 ng
 RT: 3.97 min Scan# 114
 Delta R.T. 0.01 min
 Lab File: BE095968.D
 Acq: 11 Apr 2018 13:35

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 204
 Ion Ratio Lower Upper
 42 100
 74 93.1 96.0 144.0#
 44 14.7 12.0 18.0



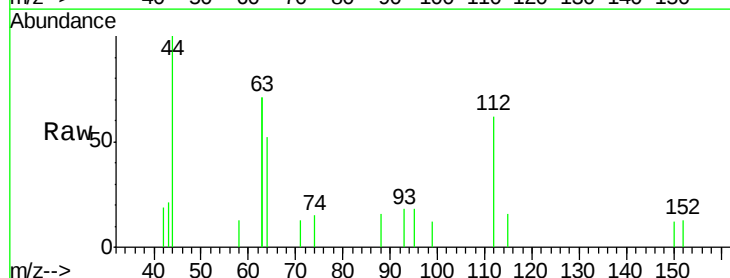
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



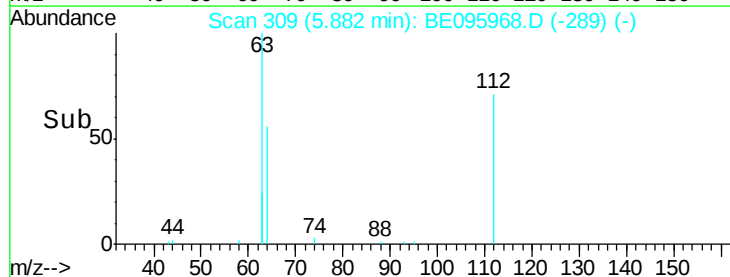
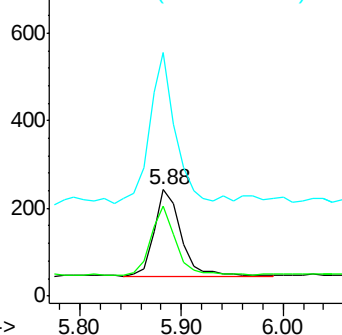
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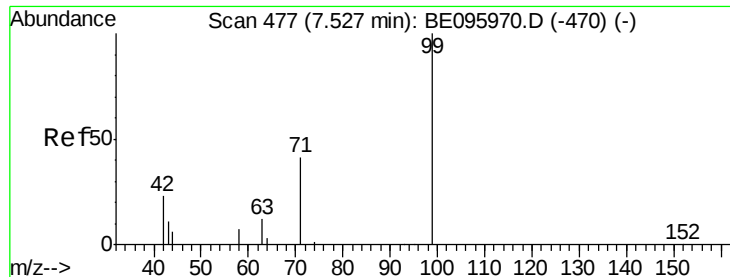
2-Fluorophenol
 Concen: 0.096 ng
 RT: 5.88 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: BE095968.D
 Acq: 11 Apr 2018 13:35

Tgt Ion: 112 Resp: 365
 Ion Ratio Lower Upper
 112 100
 64 75.9 60.1 90.1
 63 164.7 116.8 175.2



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: 0.095 ng

RT: 7.53 min Scan# 477

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

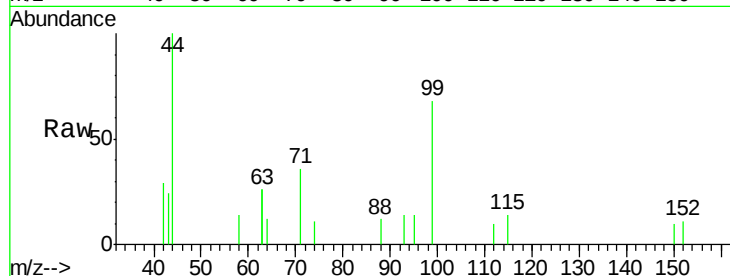
Tot Ion: 99 Resp: 499

Ion Ratio Lower Upper

99 100

42 29.3 20.2 30.2

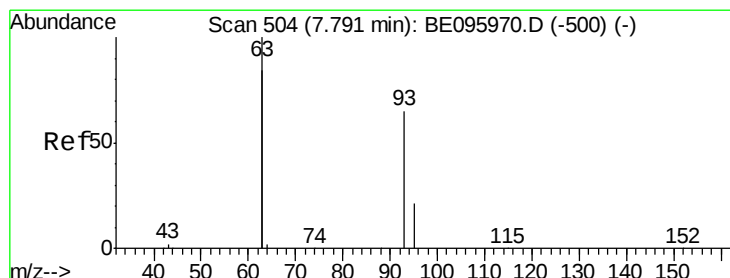
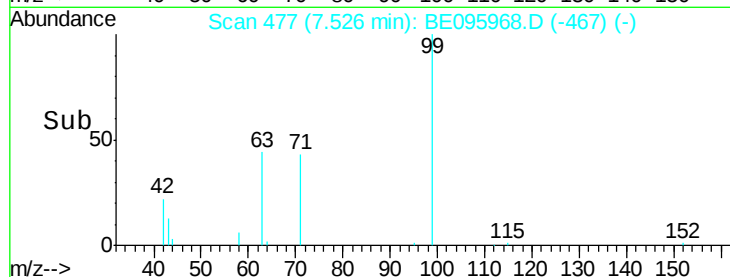
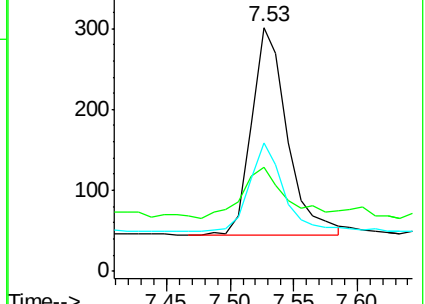
71 41.1 28.4 42.6



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: 0.096 ng

RT: 7.79 min Scan# 504

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

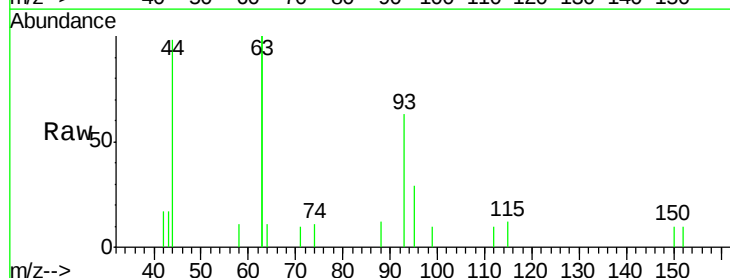
Tgt Ion: 93 Resp: 436

Ion Ratio Lower Upper

93 100

63 340.4 275.3 412.9

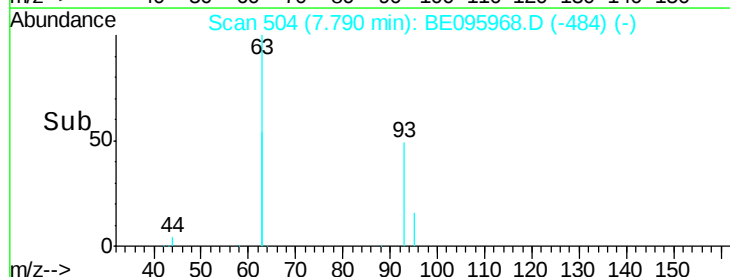
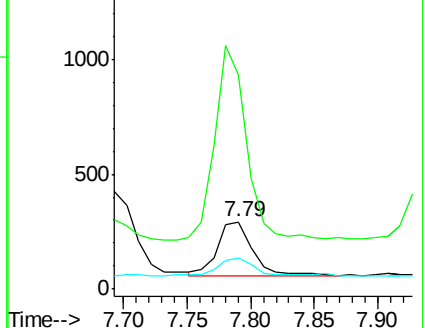
95 33.5 25.2 37.8

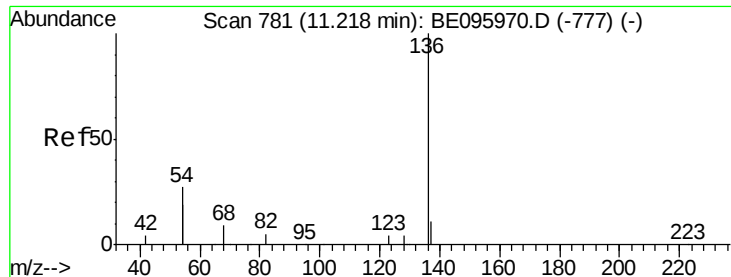


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4359

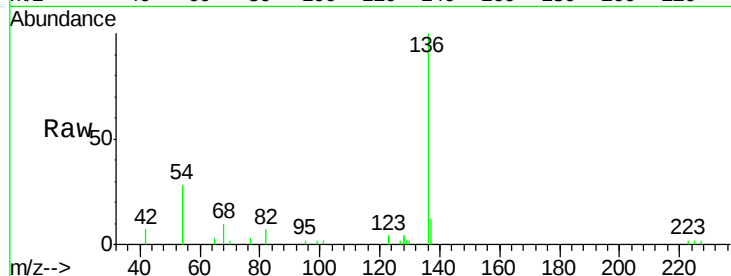
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 55.3 29.1 43.7#

68 9.7 6.2 9.2#

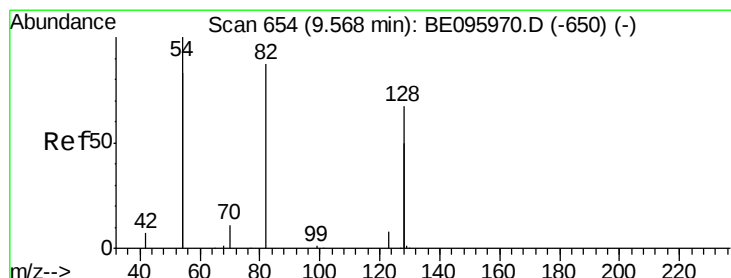
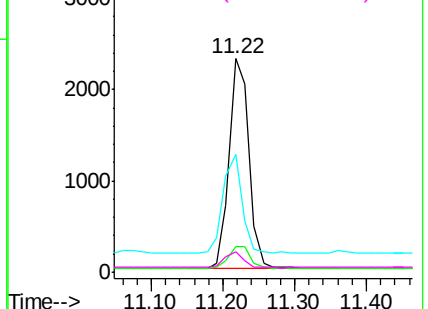
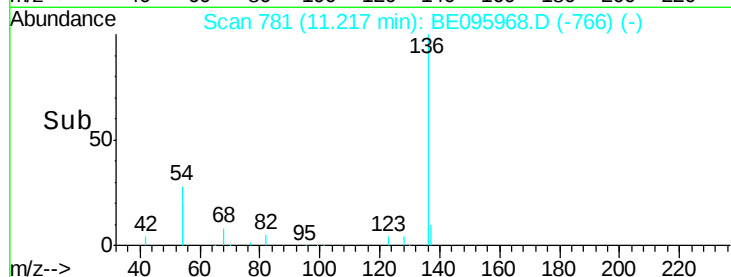


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.102 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

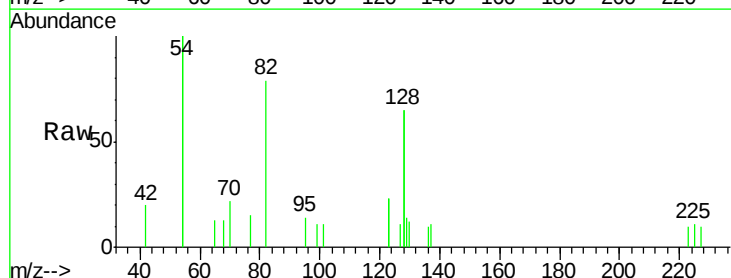
Tgt Ion: 82 Resp: 524

Ion Ratio Lower Upper

82 100

128 165.8 150.0 225.0

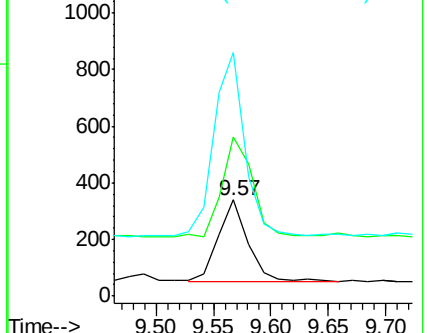
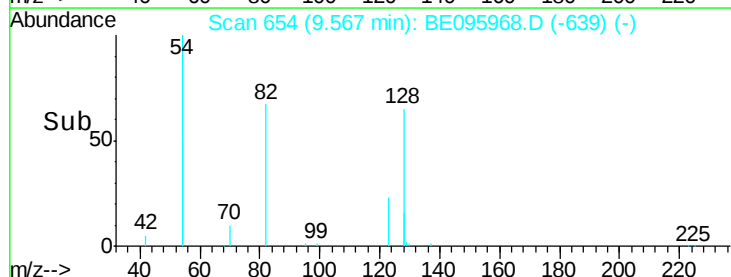
54 253.7 154.2 231.4#

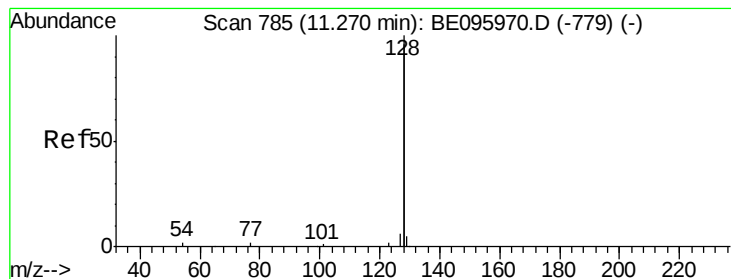


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.096 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

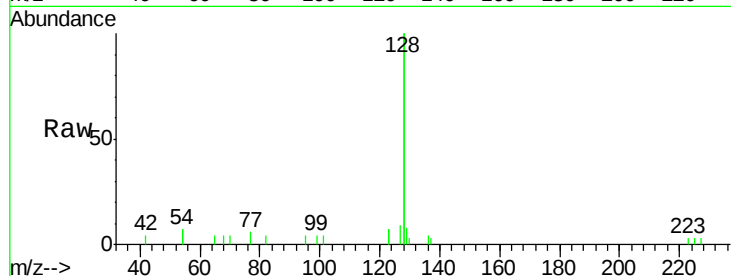
Tot Ion:128 Resp: 4775

Ion Ratio Lower Upper

128 100

129 4.1 2.6 3.8#

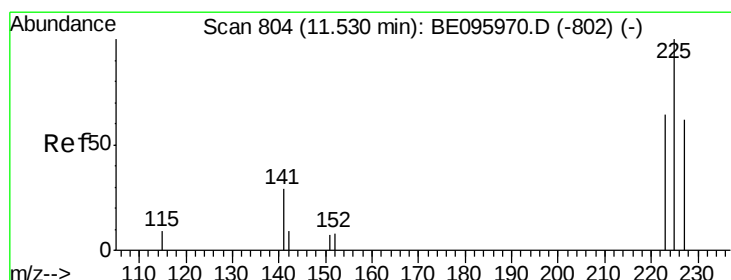
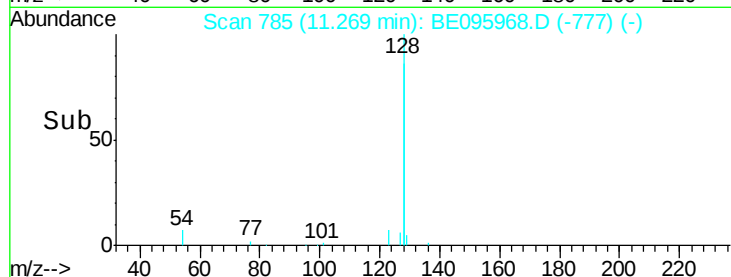
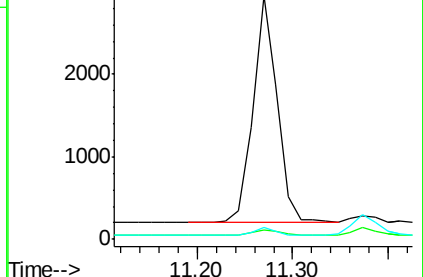
127 4.7 2.8 4.2#



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: 0.064 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

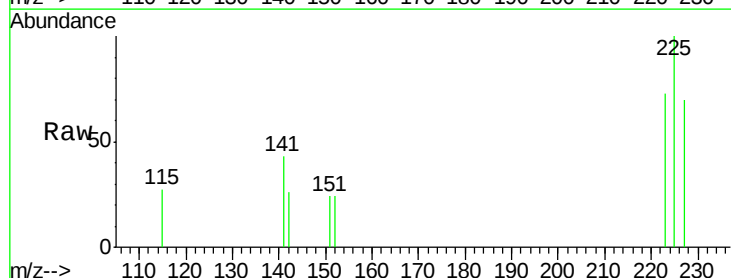
Tgt Ion:225 Resp: 220

Ion Ratio Lower Upper

225 100

223 57.3 53.0 79.6

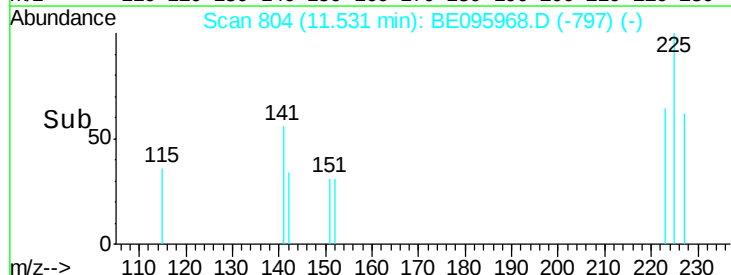
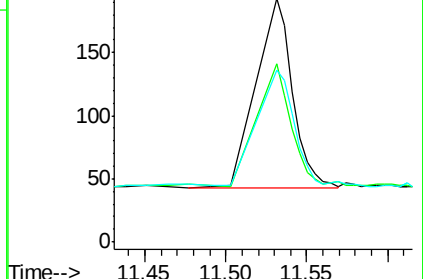
227 63.6 51.4 77.2

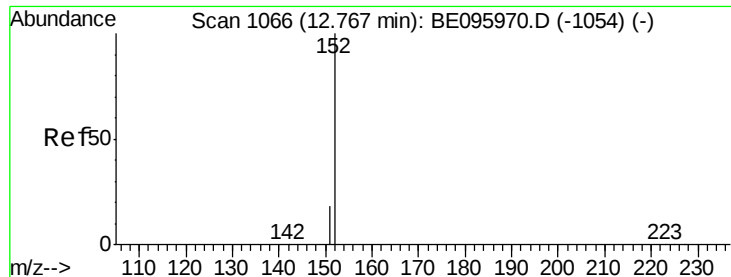


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

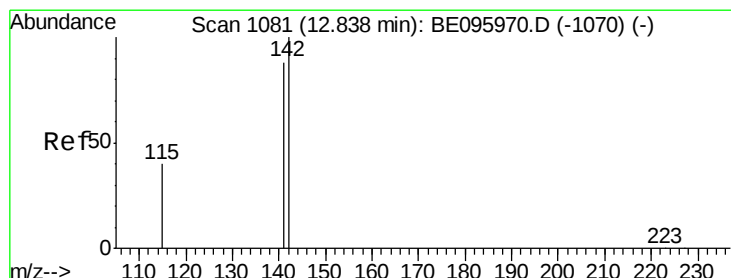
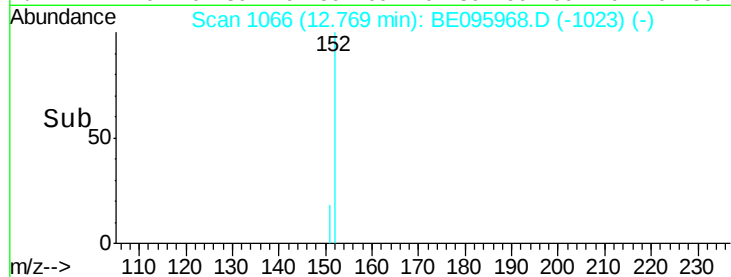
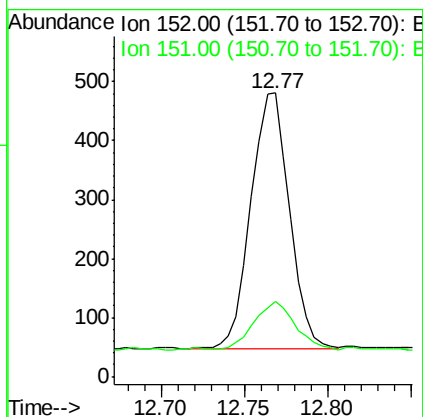
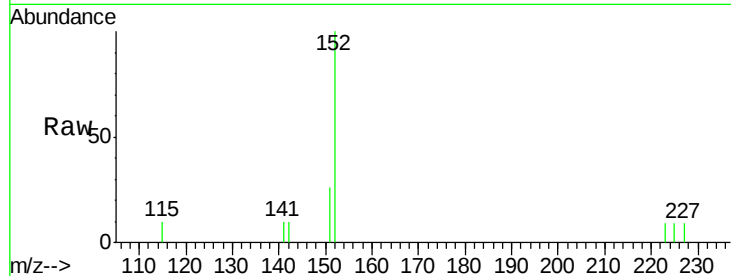




#11
 2-Methylnaphthalene-d10
 Concen: 0.096 ng
 RT: 12.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BE095968.D
 Acq: 11 Apr 2018 13:35

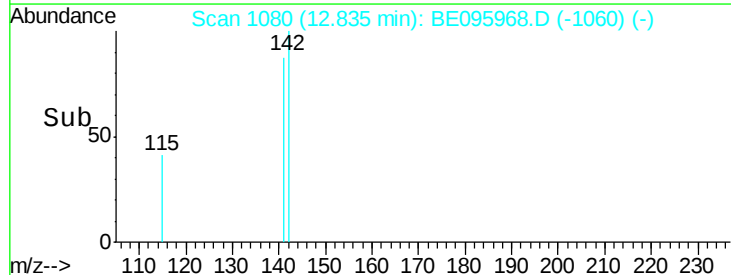
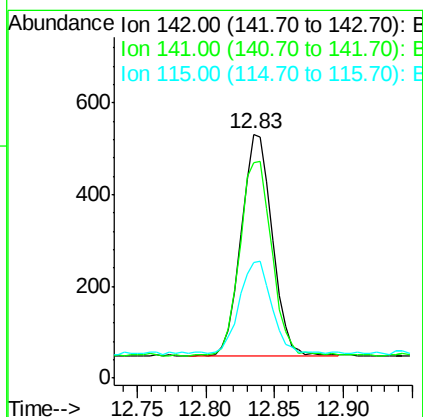
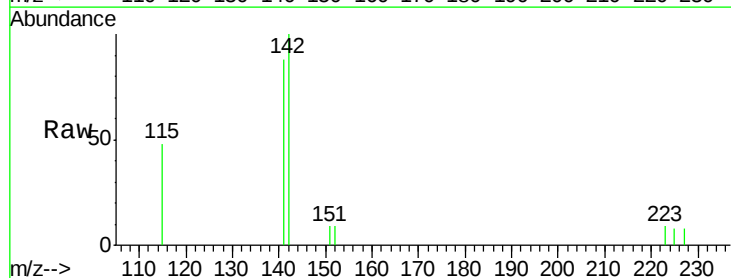
Instrument :
 BNA_E
 ClientSampled :

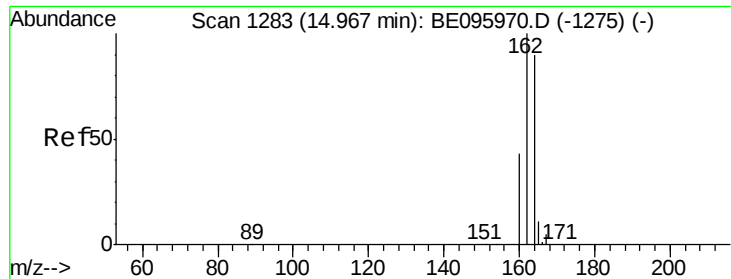
Tot Ion:152 Resp: 695
 Ion Ratio Lower Upper
 152 100
 151 20.3 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.091 ng
 RT: 12.83 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BE095968.D
 Acq: 11 Apr 2018 13:35

Tgt Ion:142 Resp: 774
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.4 105.6
 115 47.6 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: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

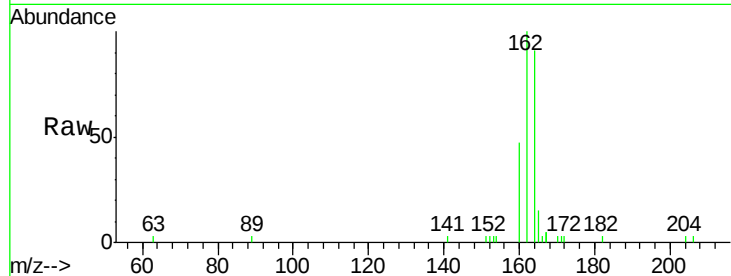
Tot Ion:164 Resp: 2380

Ion Ratio Lower Upper

164 100

162 109.9 83.1 124.7

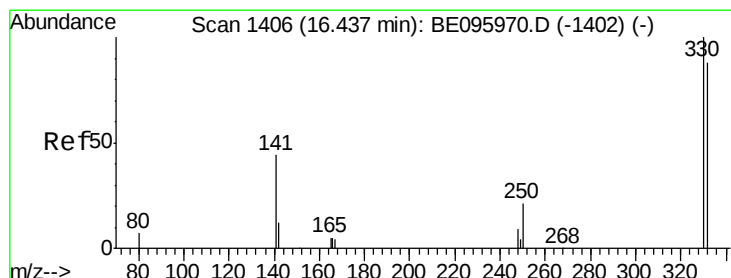
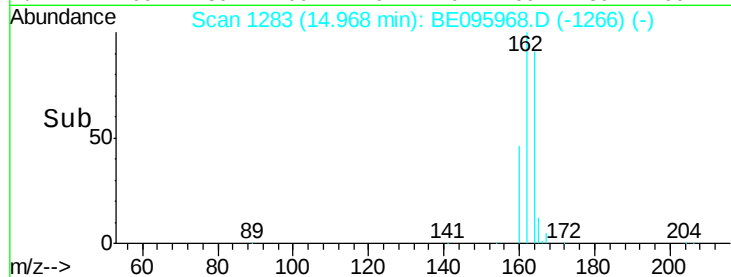
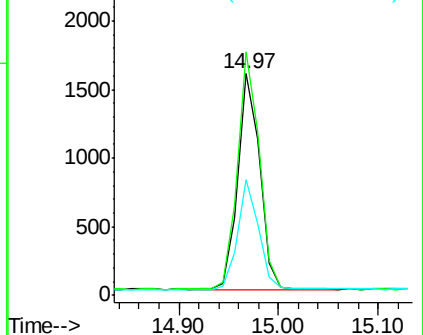
160 52.1 37.1 55.7



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: 0.082 ng

RT: 16.45 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

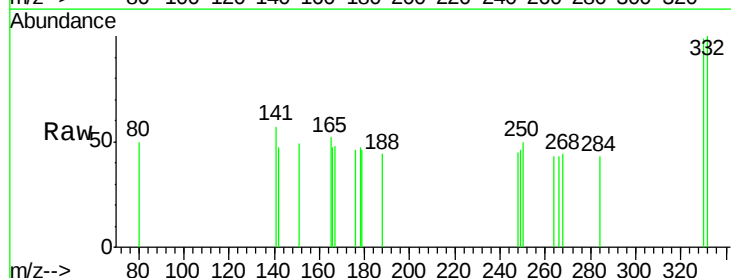
Tgt Ion:330 Resp: 112

Ion Ratio Lower Upper

330 100

332 96.4 152.7 229.1#

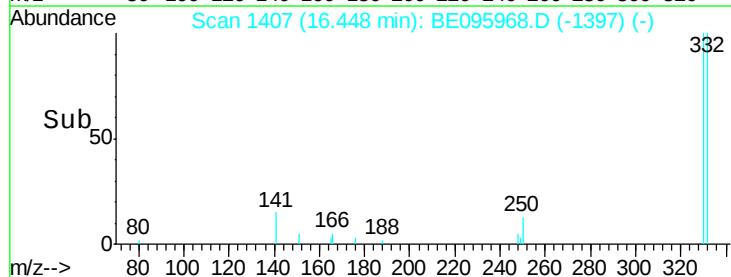
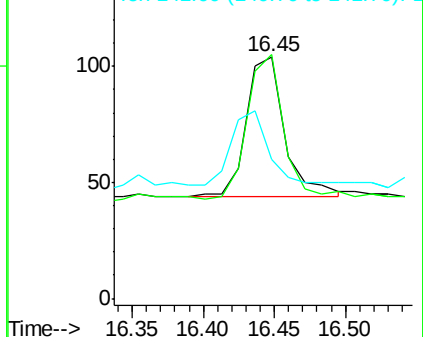
141 50.9 33.7 50.5#

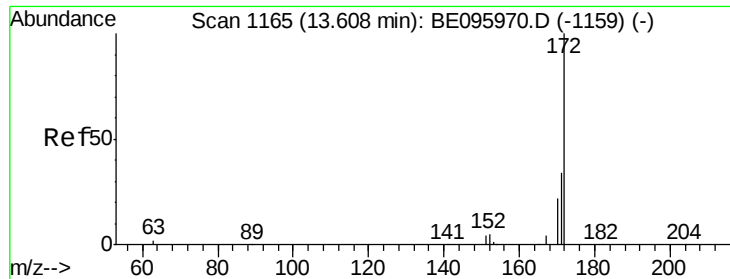


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

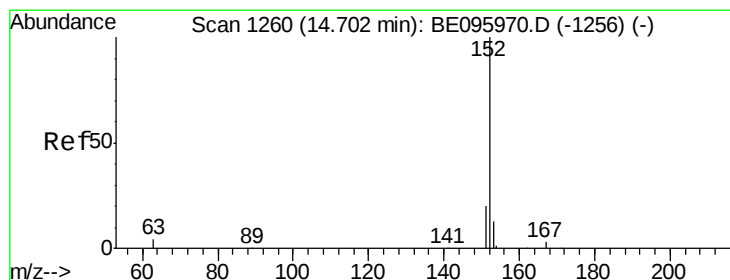
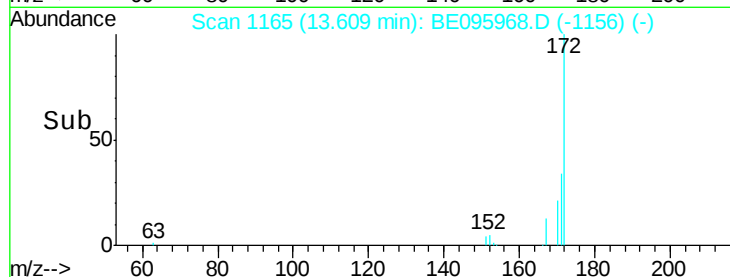
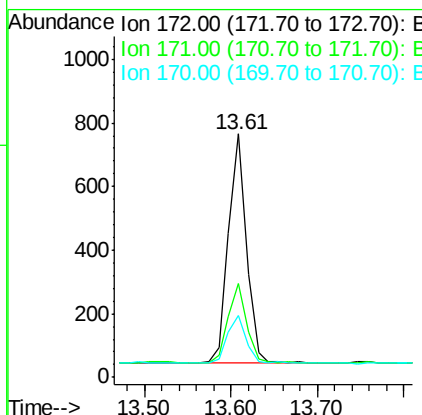
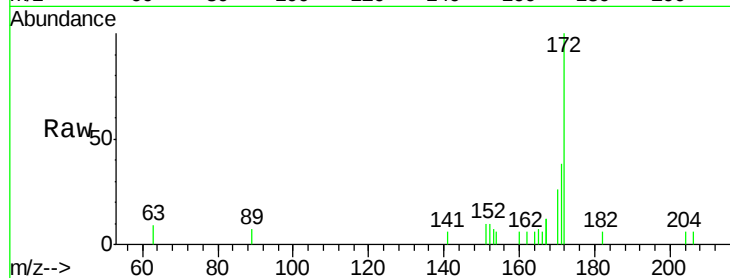




#15
2-Fluorobiphenyl
Concen: 0.104 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095968.D
Acq: 11 Apr 2018 13:35

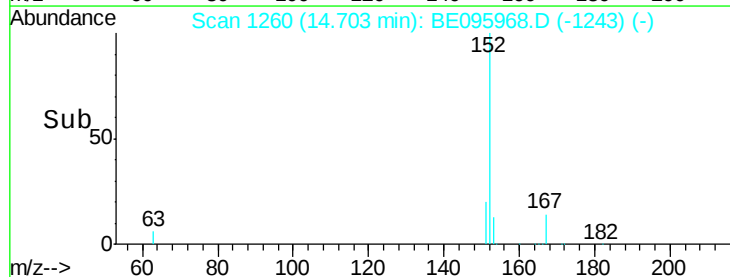
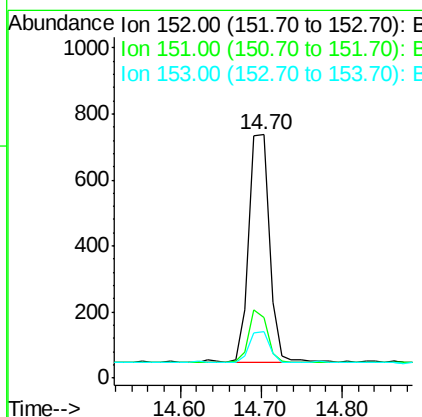
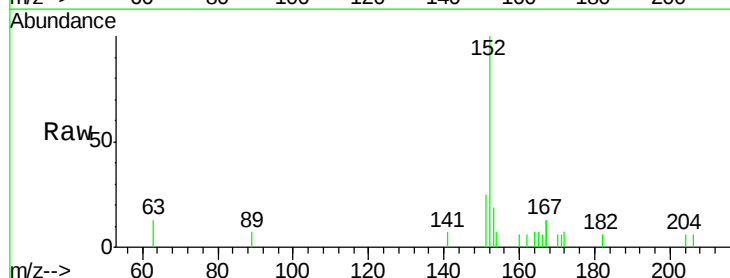
Instrument :
BNA_E
ClientSampleId :

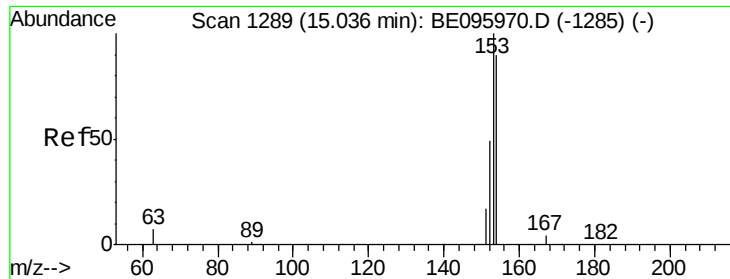
Tot Ion:172 Resp: 1040
Ion Ratio Lower Upper
172 100
171 38.4 29.9 44.9
170 25.6 21.8 32.8



#16
Acenaphthylene
Concen: 0.091 ng
RT: 14.70 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE095968.D
Acq: 11 Apr 2018 13:35

Tgt Ion:152 Resp: 1242
Ion Ratio Lower Upper
152 100
151 21.3 15.7 23.5
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.091 ng

RT: 15.04 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

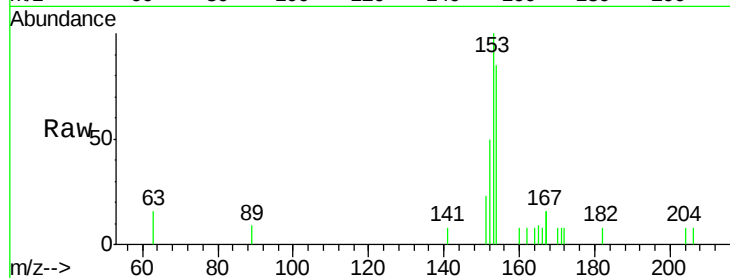
Tot Ion:154 Resp: 759

Ion Ratio Lower Upper

154 100

153 120.8 89.2 133.8

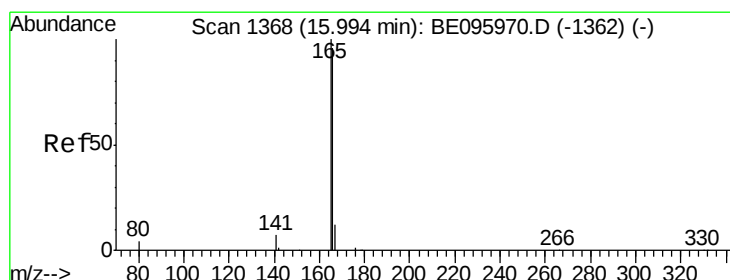
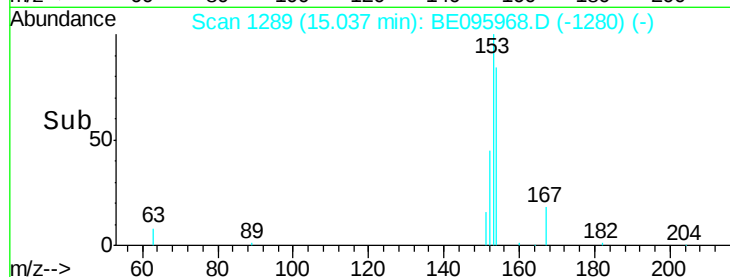
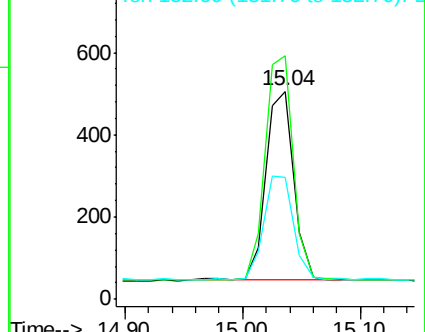
152 59.4 42.0 63.0



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: 0.088 ng

RT: 16.01 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

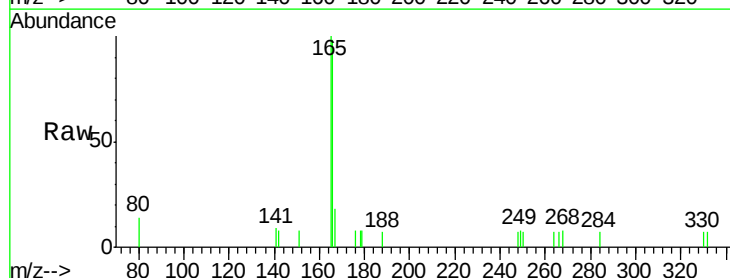
Tgt Ion:166 Resp: 957

Ion Ratio Lower Upper

166 100

165 101.7 77.8 116.6

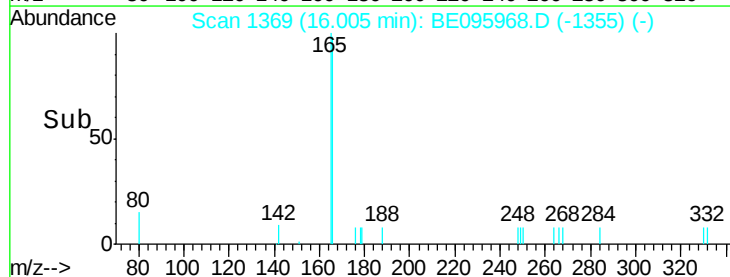
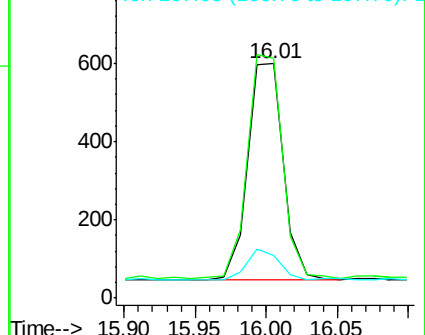
167 13.7 42.4 63.6#

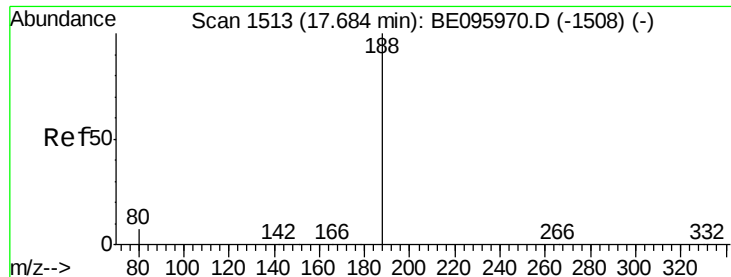


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.68 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

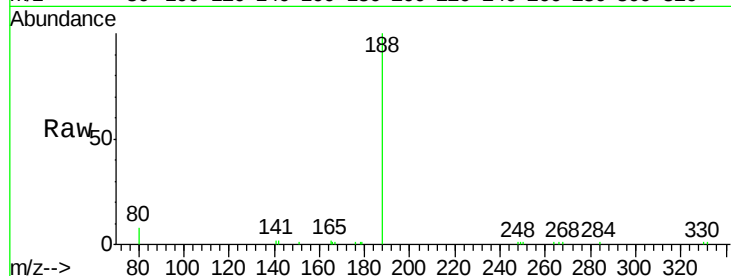
Tot Ion:188 Resp: 5894

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

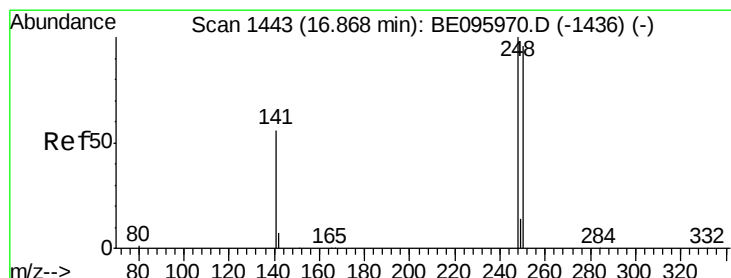
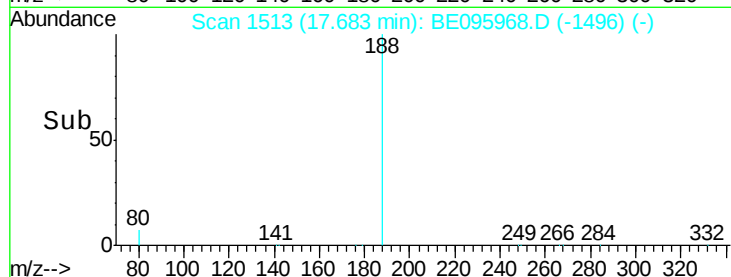
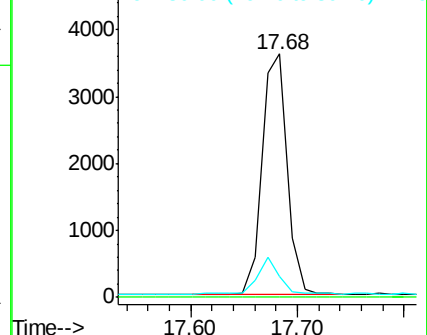
80 8.5 3.6 5.4#



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: 0.098 ng

RT: 16.87 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

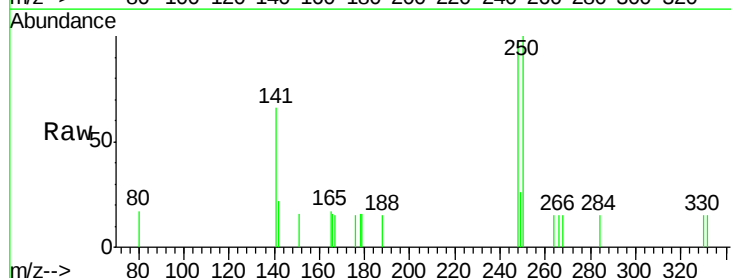
Tgt Ion:248 Resp: 347

Ion Ratio Lower Upper

248 100

250 103.0 62.7 94.1#

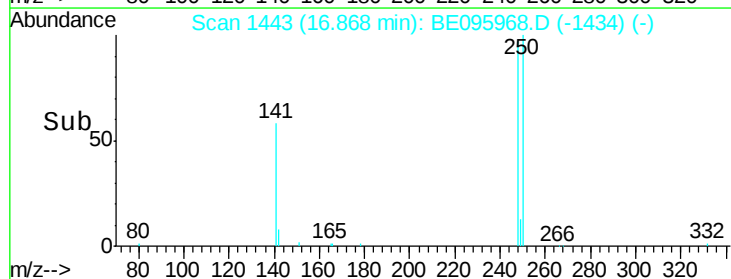
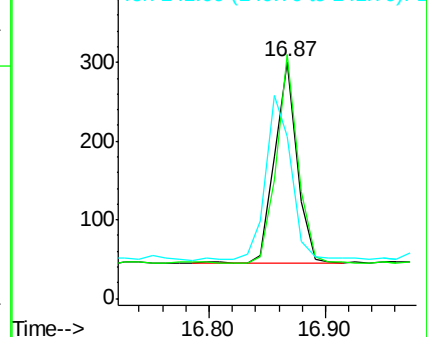
141 68.4 48.2 72.2

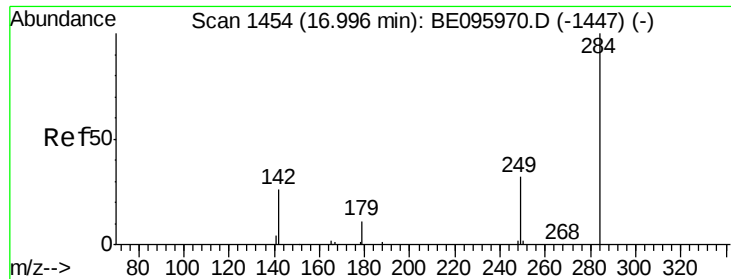


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.098 ng

RT: 17.00 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampled :

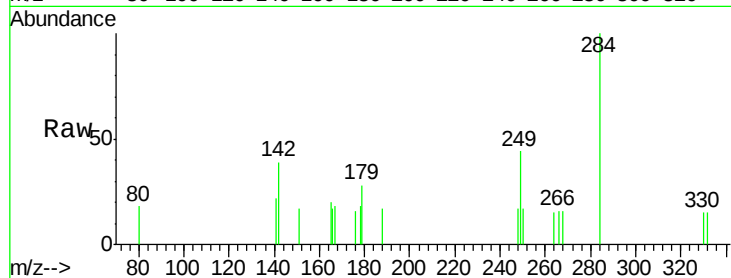
Tot Ion:284 Resp: 345

Ion Ratio Lower Upper

284 100

142 42.3 22.1 33.1#

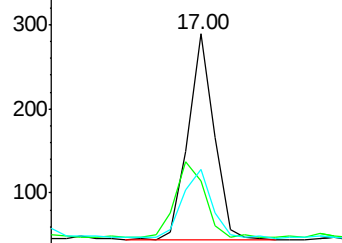
249 38.8 34.8 52.2



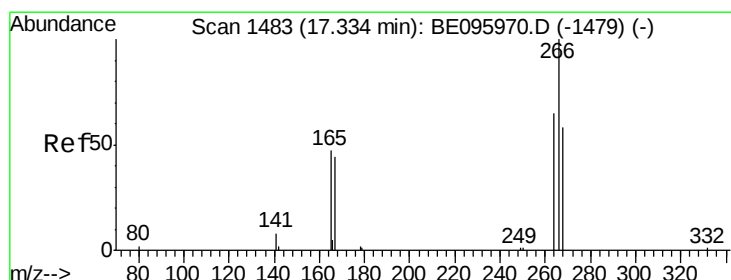
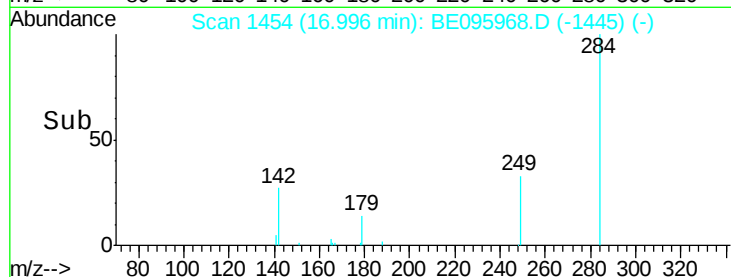
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.084 ng

RT: 17.35 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

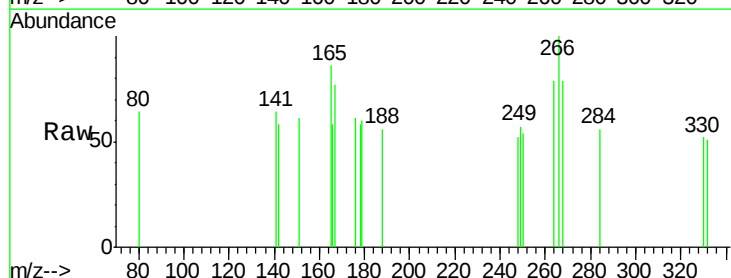
Tgt Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

264 78.6 72.5 108.7

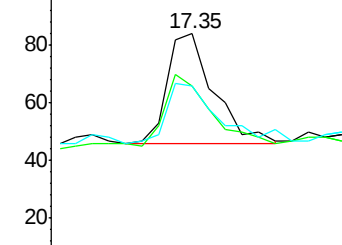
268 78.6 73.8 110.6



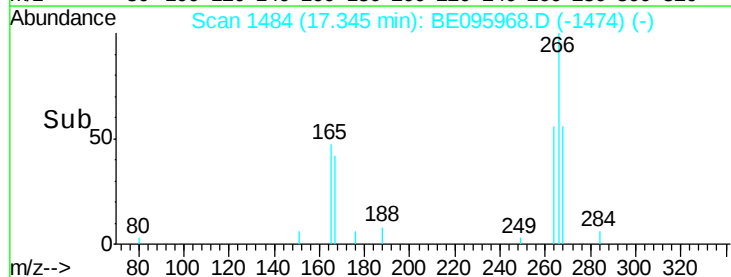
Abundance Ion 266.00 (265.70 to 266.70): E

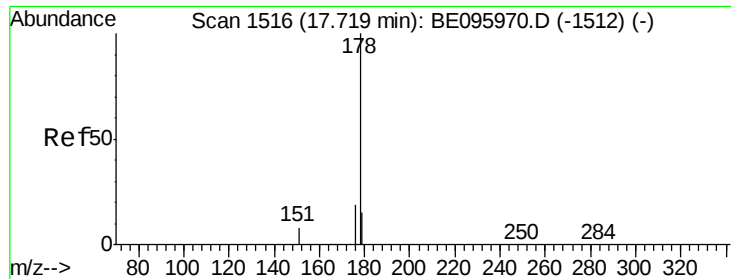
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.094 ng

RT: 17.72 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

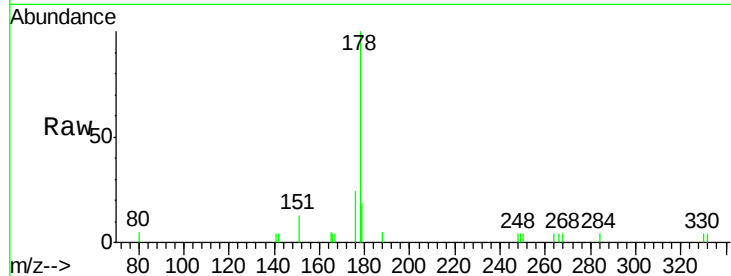
Tot Ion:178 Resp: 1652

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

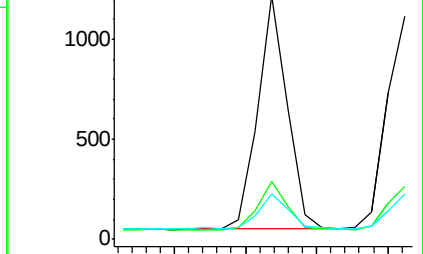
179 15.3 11.8 17.6



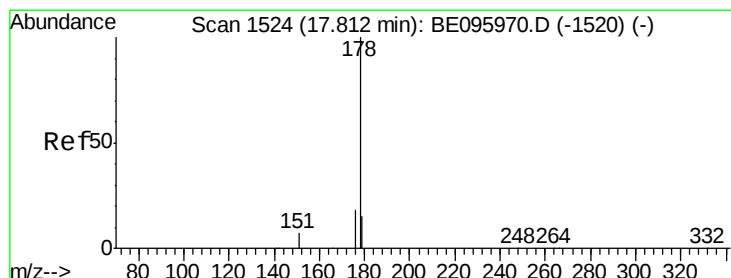
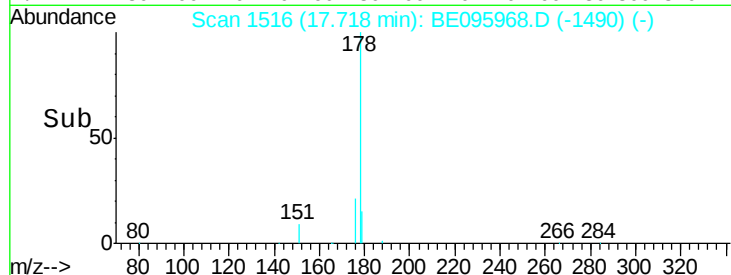
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.088 ng

RT: 17.81 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

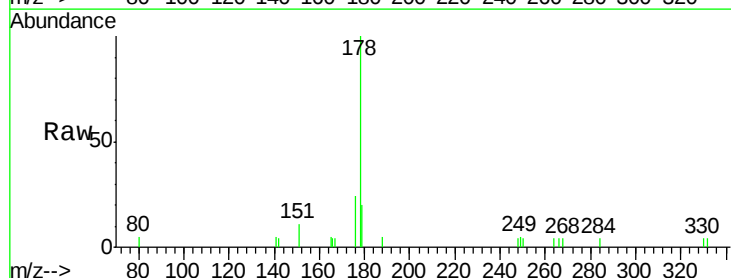
Tgt Ion:178 Resp: 1557

Ion Ratio Lower Upper

178 100

176 20.4 12.8 19.2#

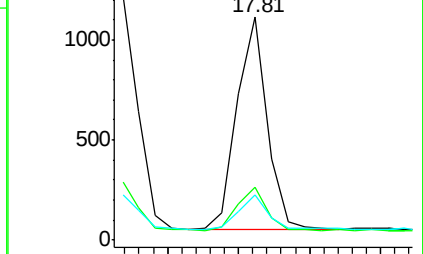
179 16.4 13.0 19.6



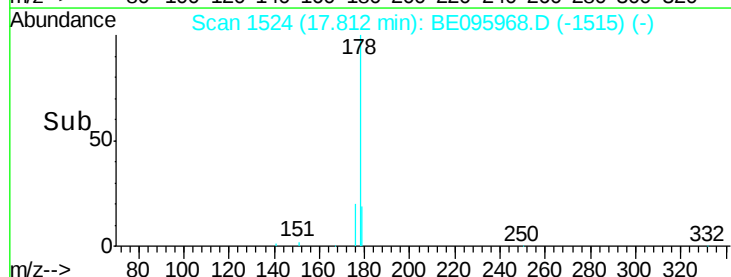
Abundance Ion 178.00 (177.70 to 178.70): E

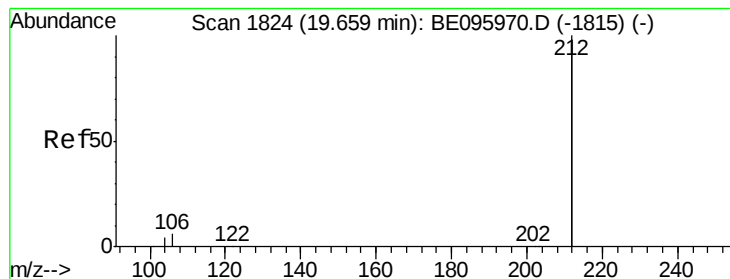
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.092 ng

RT: 19.66 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

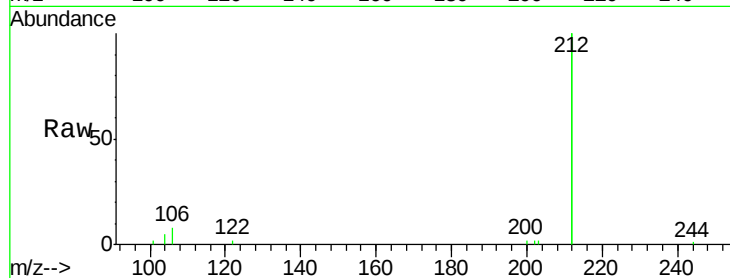
Tot Ion:212 Resp: 8061

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

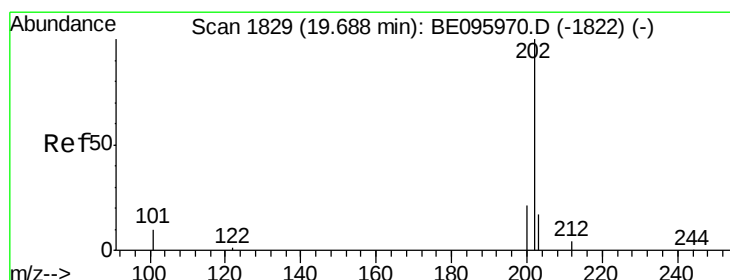
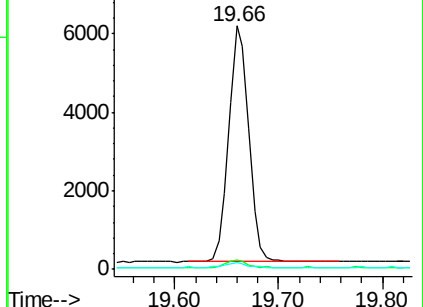
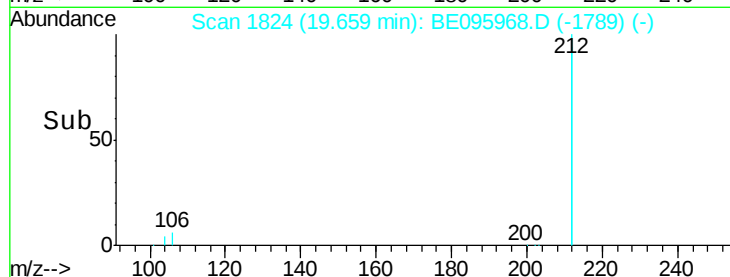
104 2.0 1.6 2.4



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: 0.089 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

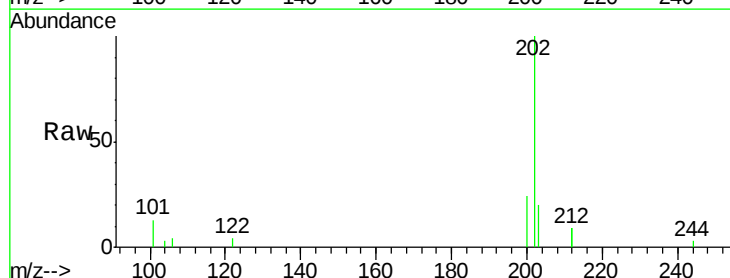
Tgt Ion:202 Resp: 2190

Ion Ratio Lower Upper

202 100

101 10.5 9.8 14.8

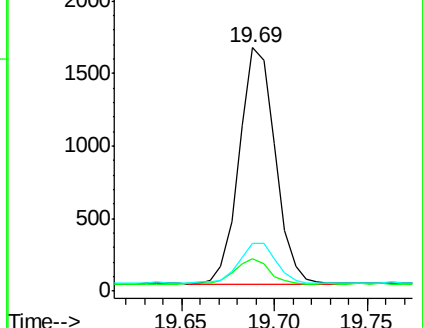
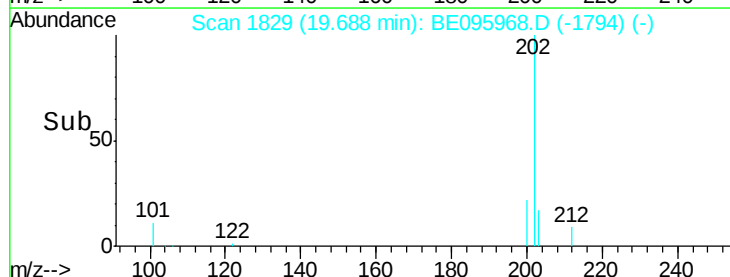
203 17.4 13.7 20.5

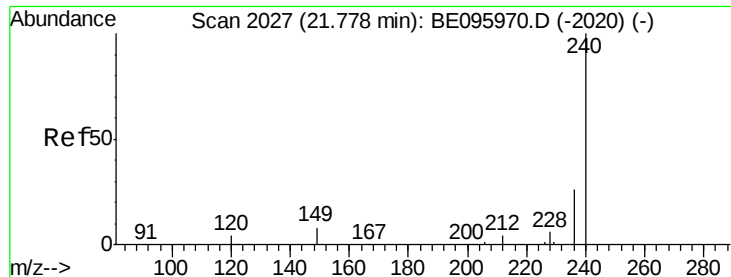


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

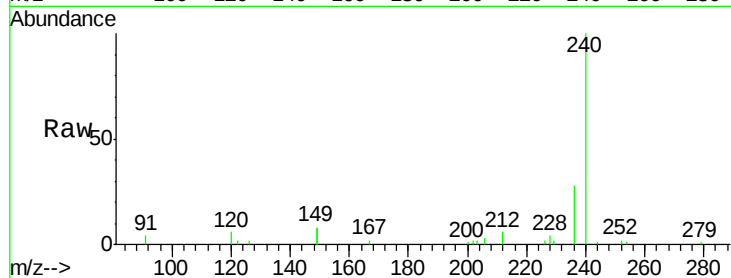
Tot Ion:240 Resp: 6740

Ion Ratio Lower Upper

240 100

120 6.5 5.5 8.3

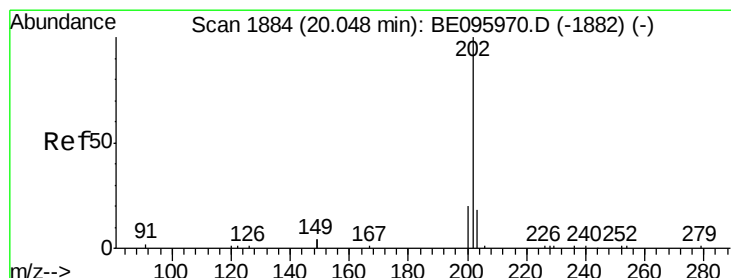
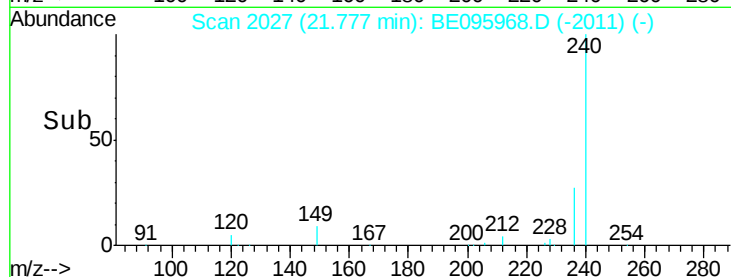
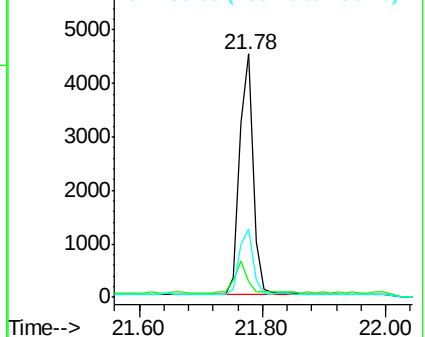
236 28.1 20.7 31.1



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: 0.045 ng

RT: 20.05 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

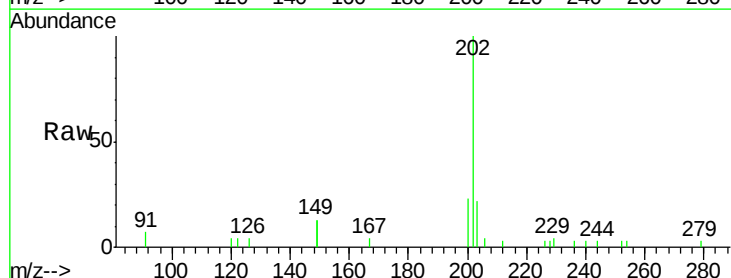
Tgt Ion:202 Resp: 1237

Ion Ratio Lower Upper

202 100

200 24.7 16.6 25.0

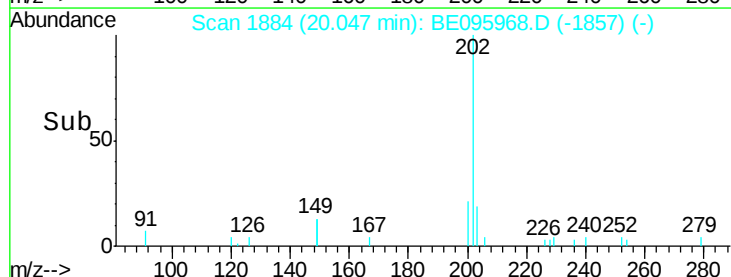
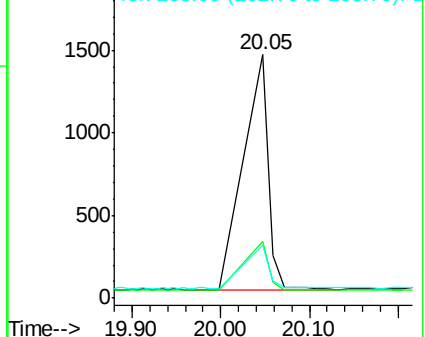
203 28.0 13.8 20.8#

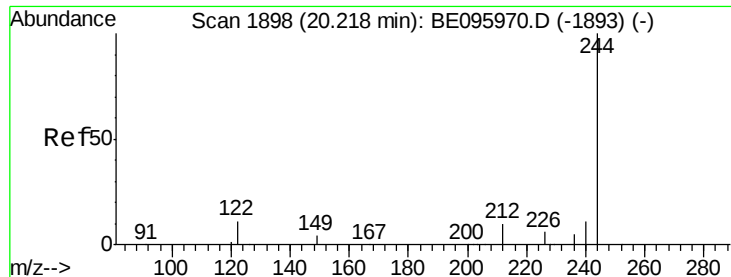


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.105 ng

RT: 20.22 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

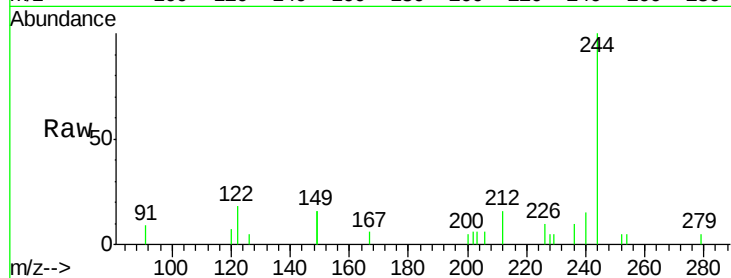
Tot Ion:244 Resp: 1506

Ion Ratio Lower Upper

244 100

212 15.7 25.4 38.0#

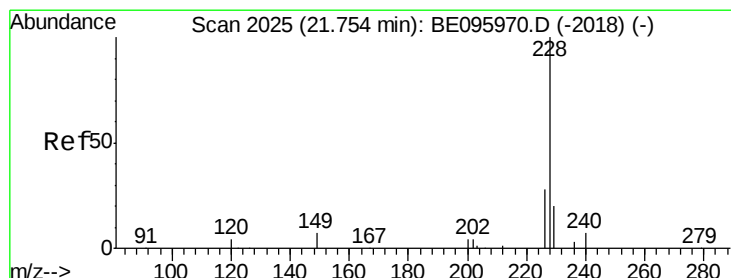
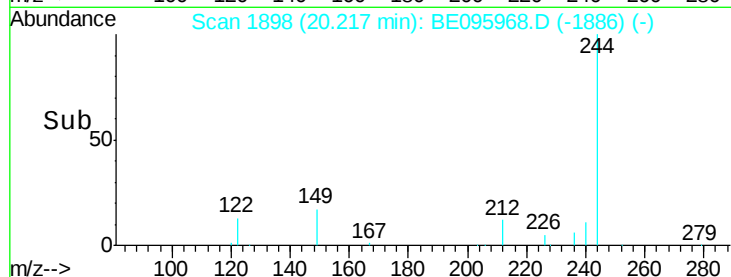
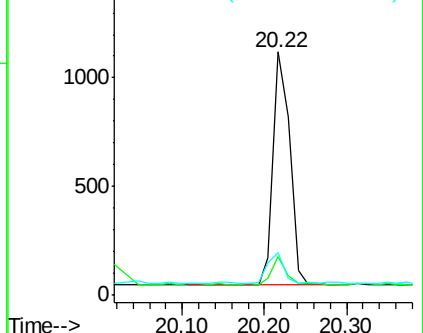
122 17.5 8.1 12.1#



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: 0.096 ng

RT: 21.75 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

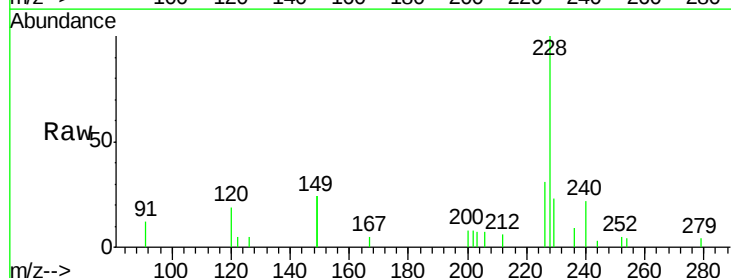
Tgt Ion:228 Resp: 2248

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

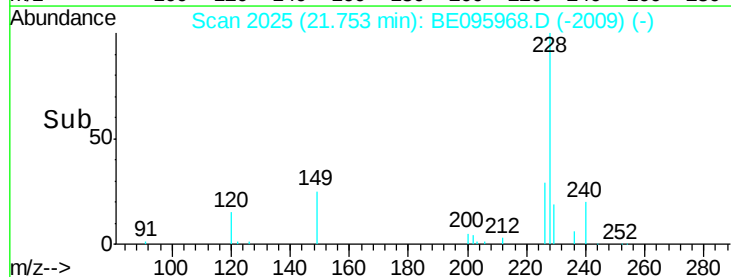
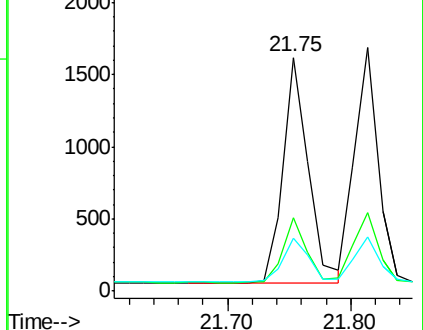
229 22.7 16.0 24.0

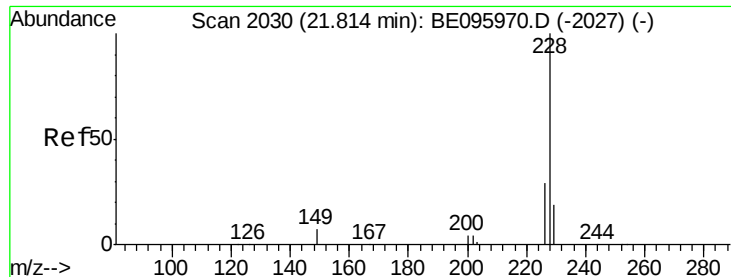


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.101 ng

RT: 21.81 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

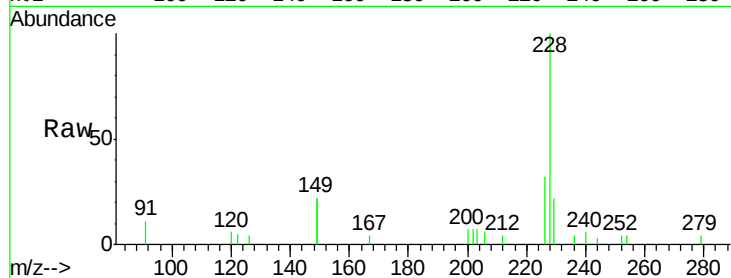
Tot Ion:228 Resp: 2156

Ion Ratio Lower Upper

228 100

226 32.4 24.0 36.0

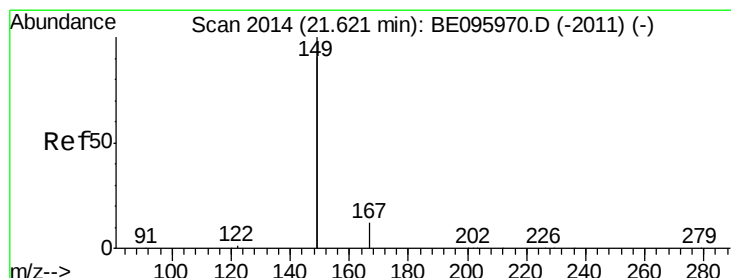
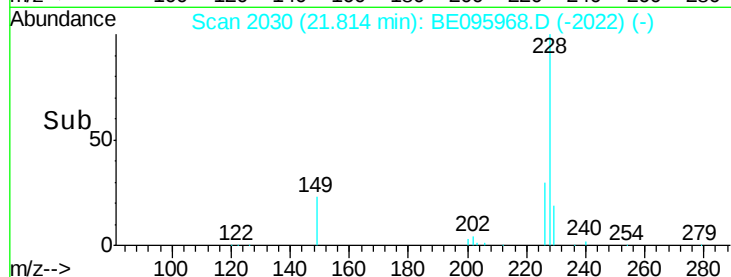
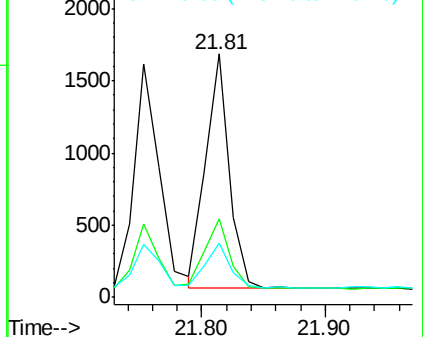
229 22.5 16.0 24.0



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: 0.083 ng

RT: 21.62 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

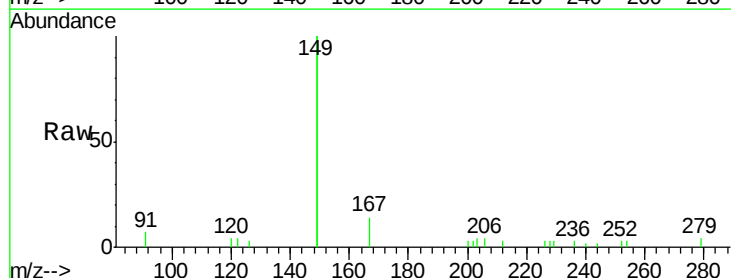
Tgt Ion:149 Resp: 5935

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

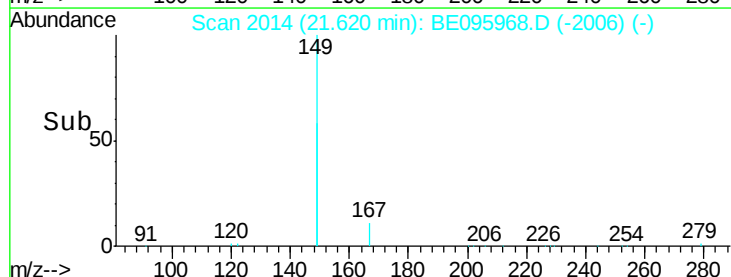
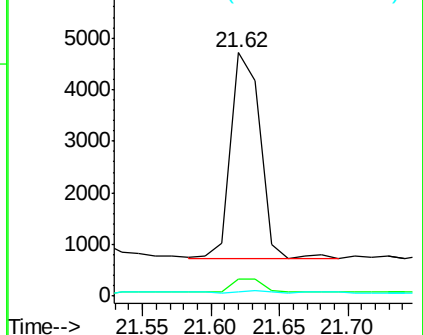
279 1.0 0.7 1.1

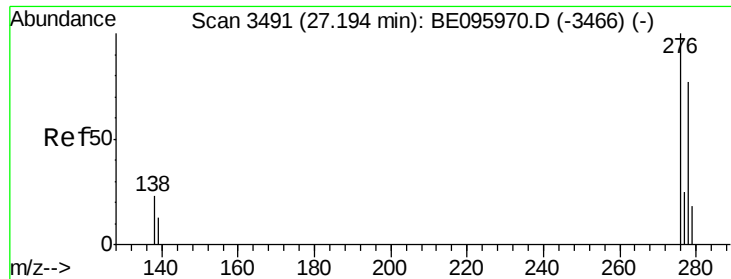


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.090 ng

RT: 27.18 min Scan# 3488

Delta R.T. -0.01 min

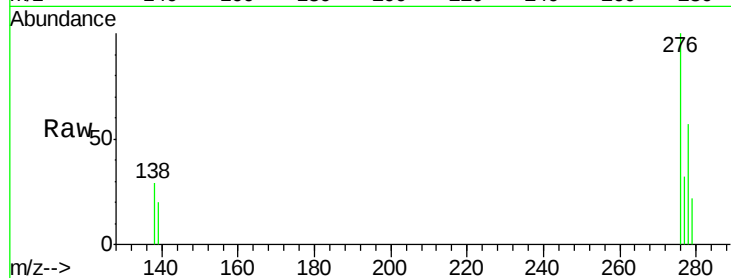
Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :



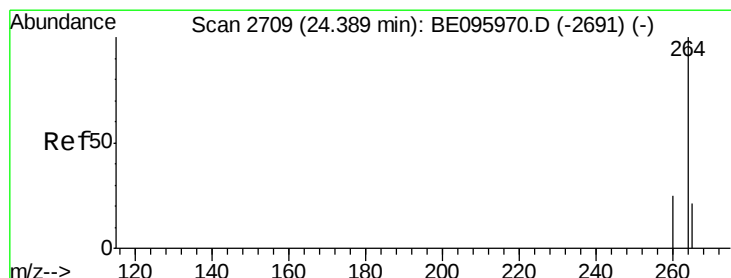
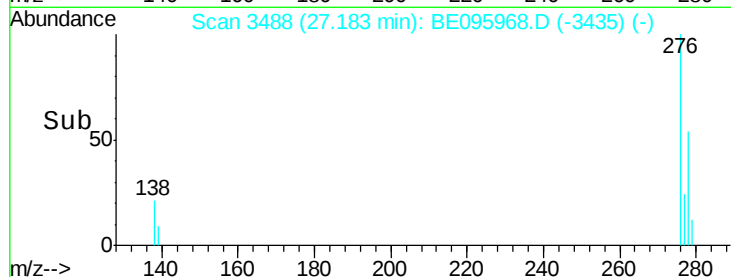
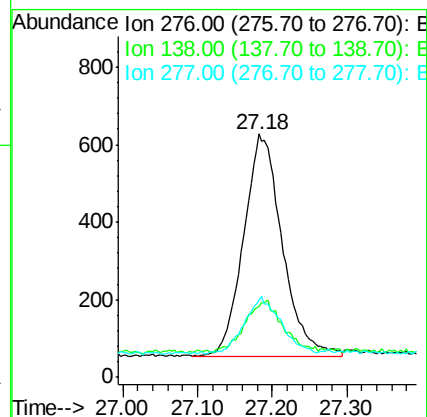
Tot Ion:276 Resp: 2057

Ion Ratio Lower Upper

276 100

138 22.6 22.5 33.7

277 23.4 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.39 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

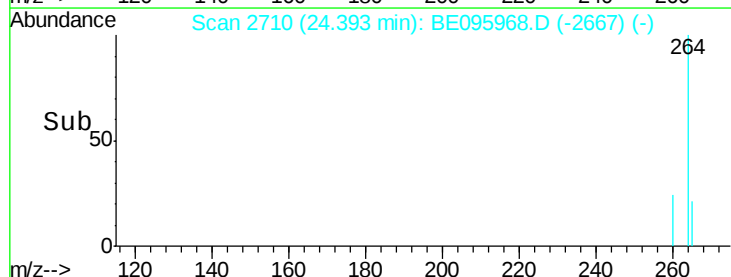
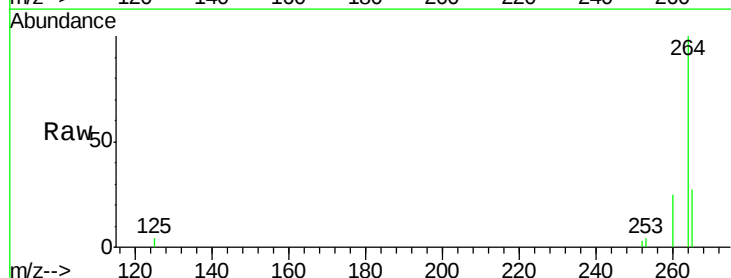
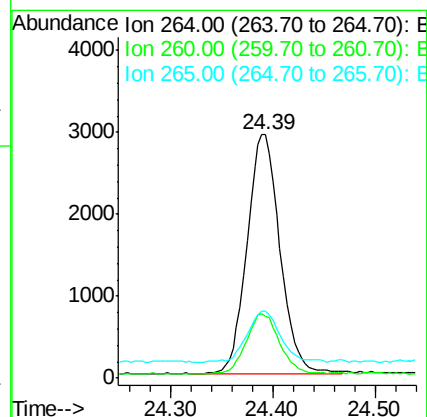
Tgt Ion:264 Resp: 6535

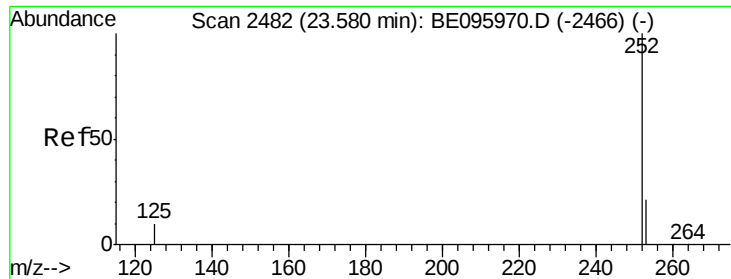
Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

265 27.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.091 ng

RT: 23.58 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

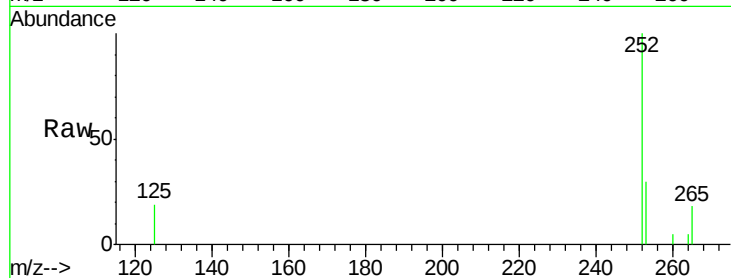
Tot Ion:252 Resp: 1970

Ion Ratio Lower Upper

252 100

253 29.8 20.0 30.0

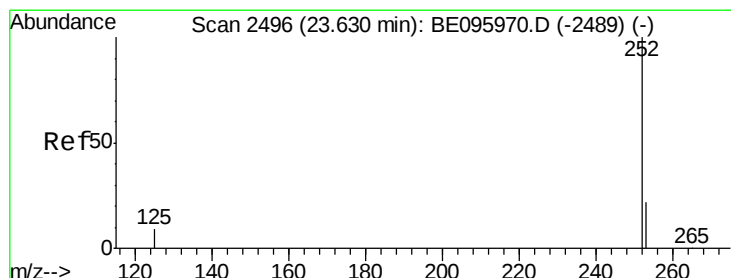
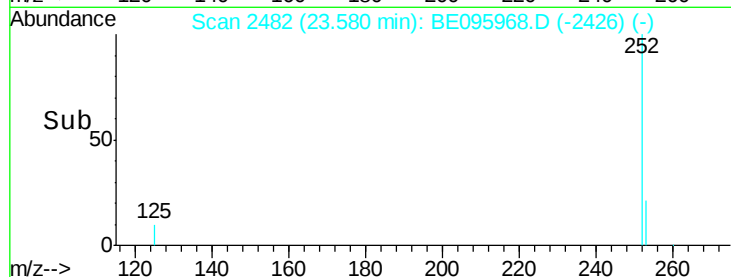
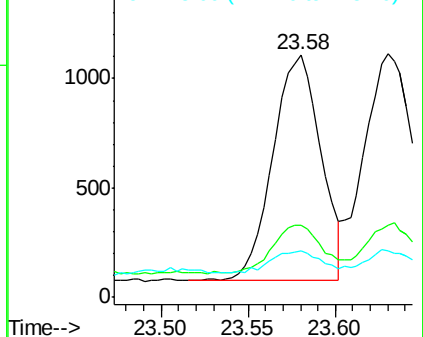
125 19.0 16.0 24.0



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: 0.092 ng

RT: 23.63 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

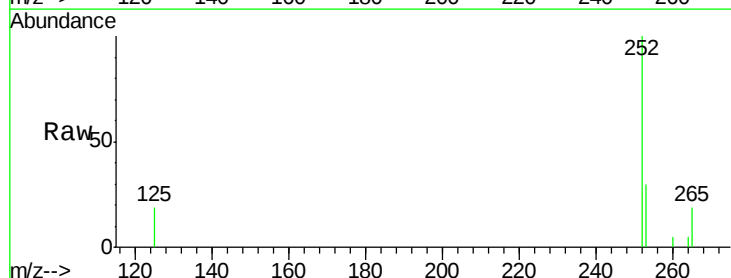
Tgt Ion:252 Resp: 1997

Ion Ratio Lower Upper

252 100

253 29.6 16.0 24.0#

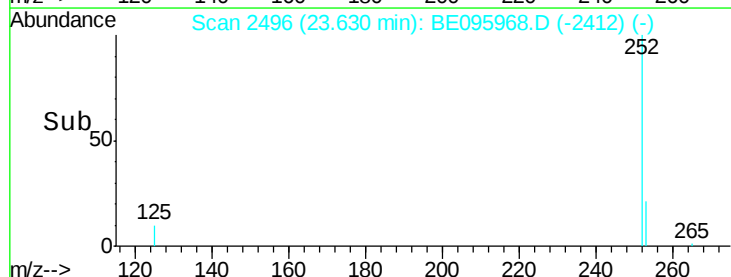
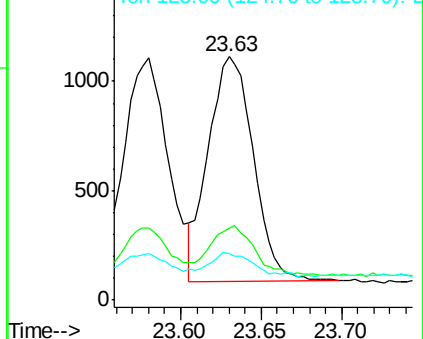
125 19.0 8.0 12.0#

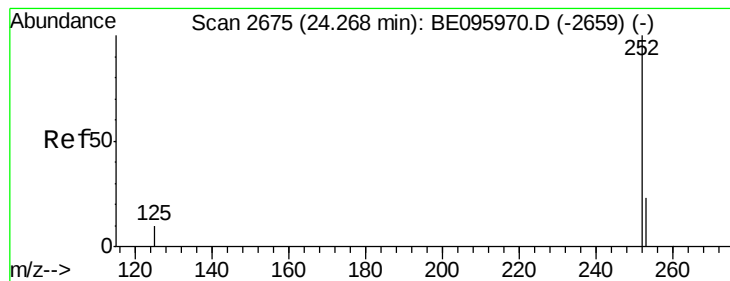


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.093 ng

RT: 24.27 min Scan# 2675

Delta R.T. -0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :

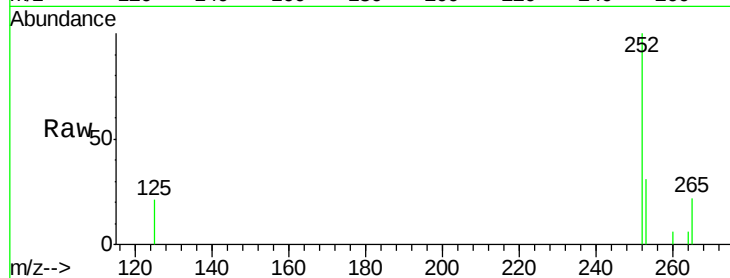
Tot Ion:252 Resp: 1890

Ion Ratio Lower Upper

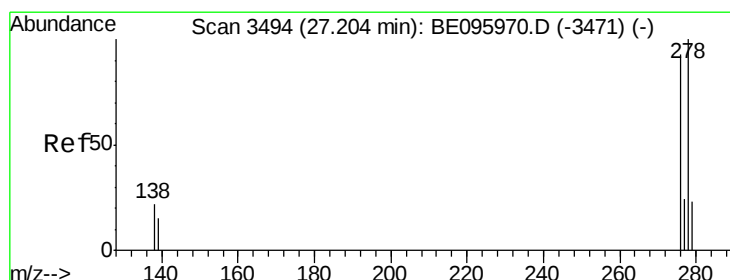
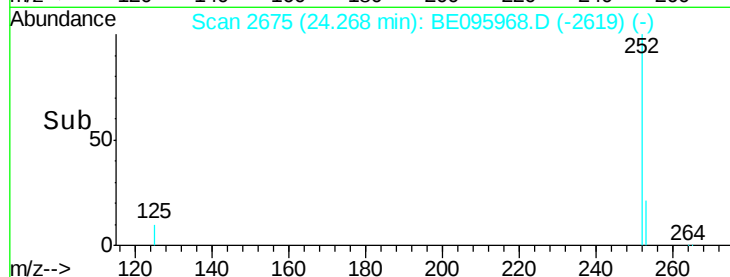
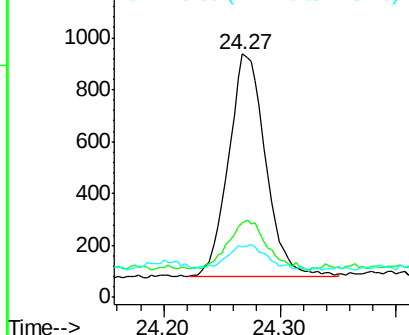
252 100

253 30.9 16.0 24.0#

125 20.8 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: 0.085 ng

RT: 27.21 min Scan# 3495

Delta R.T. 0.00 min

Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

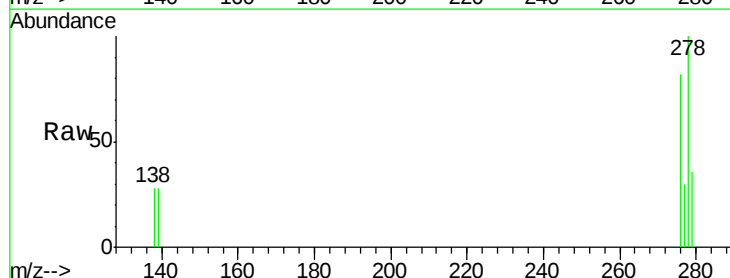
Tgt Ion:278 Resp: 1628

Ion Ratio Lower Upper

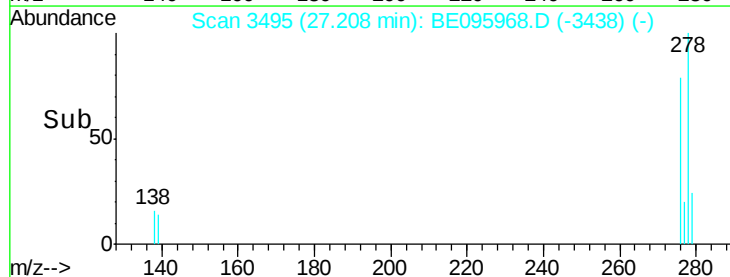
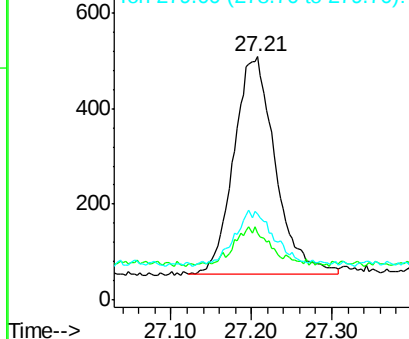
278 100

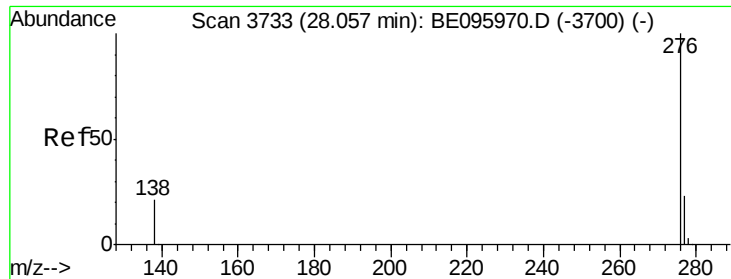
139 27.8 16.0 24.0#

279 35.6 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.093 ng

RT: 28.05 min Scan# 3732

Delta R.T. -0.00 min

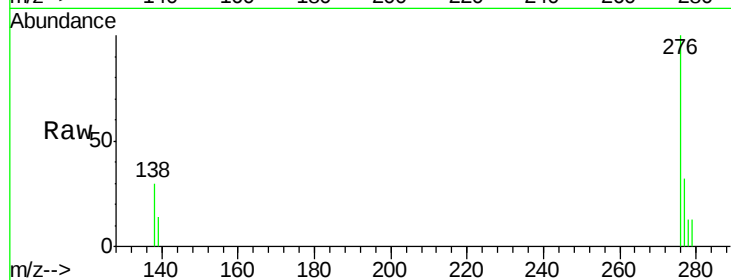
Lab File: BE095968.D

Acq: 11 Apr 2018 13:35

Instrument :

BNA_E

ClientSampleId :



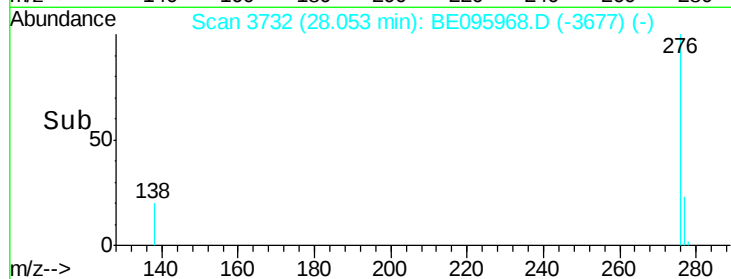
Tot Ion: 276 Resp: 1789

Ion Ratio Lower Upper

276 100

277 31.5 16.0 24.0#

138 30.0 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

