

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096315.D
 Acq On : 3 May 2018 4:03
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 03 05:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	955	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3677	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	2001	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	5147	0.40	ng	0.00
27) Chrysene-d12	21.74	240	5363	0.40	ng	0.00
34) Perylene-d12	24.35	264	5020	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	1075	0.36	ng	0.00
5) Phenol-d6	7.52	99	1535	0.38	ng	0.00
8) Nitrobenzene-d5	9.54	82	1656	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2154	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	317	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3342	0.39	ng	0.00
25) Fluoranthene-d10	19.63	212	25560	0.37	ng	0.00
29) Terphenyl-d14	20.19	244	4392	0.37	ng	0.00

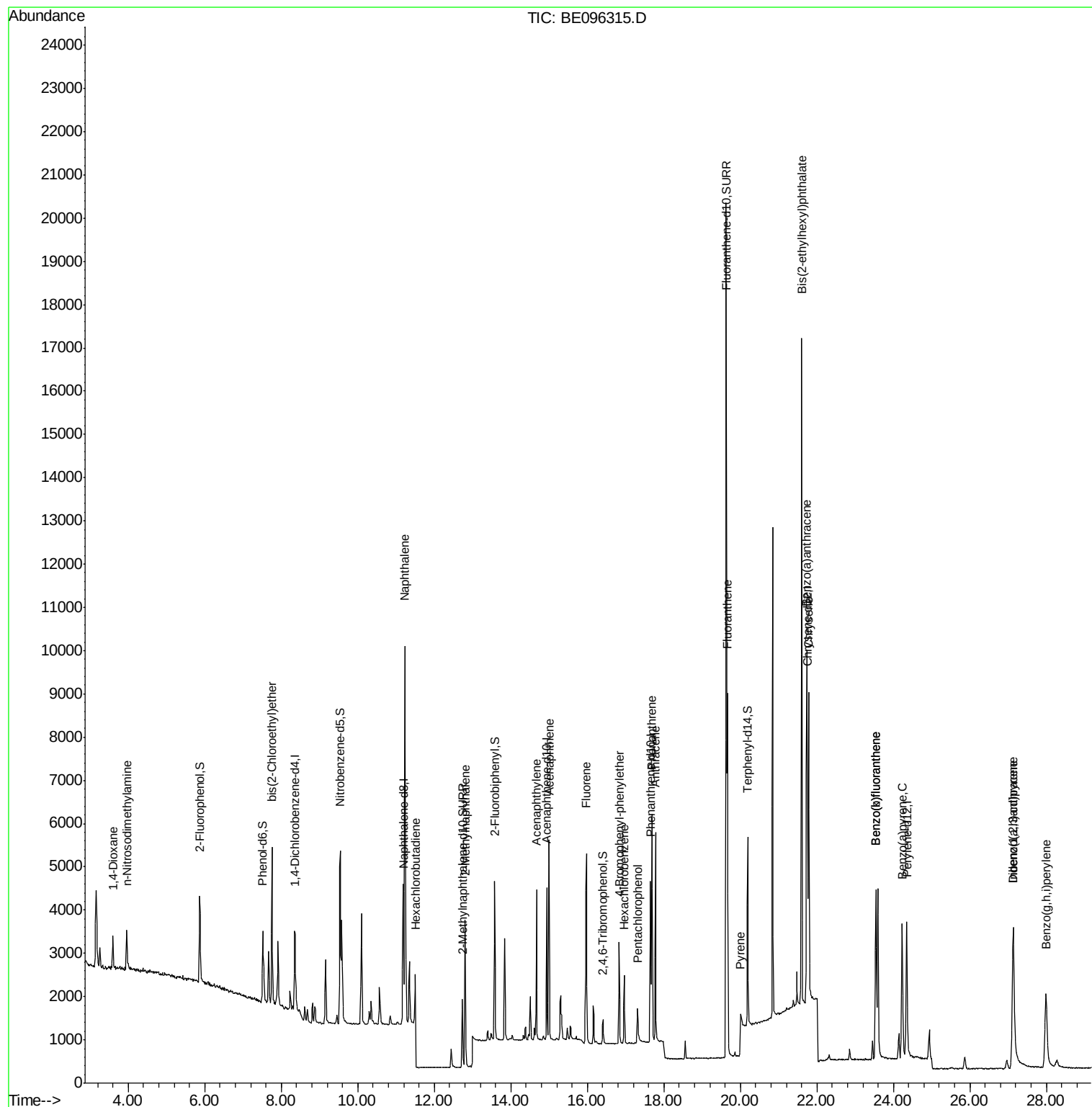
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	533	0.361	ng	98
3) n-Nitrosodimethylamine	3.95	42	790	0.437	ng	# 71
6) bis(2-Chloroethyl)ether	7.76	93	1309	0.365	ng	92
9) Naphthalene	11.23	128	14693	0.379	ng	99
10) Hexachlorobutadiene	11.50	225	562	0.327	ng	# 87
12) 2-Methylnaphthalene	12.80	142	2384	0.372	ng	93
16) Acenaphthylene	14.67	152	4170	0.390	ng	99
17) Acenaphthene	15.00	154	2440	0.380	ng	92
18) Fluorene	15.97	166	3161	0.398	ng	# 78
20) 4-Bromophenyl-phenylether	16.83	248	1101	0.360	ng	# 81
21) Hexachlorobenzene	16.96	284	1110	0.364	ng	# 80
22) Pentachlorophenol	17.31	266	513	0.501	ng	# 76
23) Phenanthrene	17.68	178	5467	0.378	ng	99
24) Anthracene	17.78	178	5093	0.369	ng	95
26) Fluoranthene	19.66	202	7096	0.373	ng	97
28) Pyrene	20.00	202	650	0.062	ng	# 90
30) Benzo(a)anthracene	21.73	228	6298	0.366	ng	96
31) Chrysene	21.78	228	6483	0.390	ng	97
32) Bis(2-ethylhexyl)phthalate	21.60	149	17493	0.394	ng	100
33) Indeno(1,2,3-cd)pyrene	27.13	276	5553	0.345	ng	93
35) Benzo(b)fluoranthene	23.54	252	6024	0.400	ng	# 90
36) Benzo(k)fluoranthene	23.54	252	6024	0.389	ng	94
37) Benzo(a)pyrene	24.23	252	5618	0.388	ng	# 93
38) Dibenzo(a,h)anthracene	27.14	278	4211	0.330	ng	95
39) Benzo(g,h,i)perylene	27.99	276	5093	0.377	ng	# 91

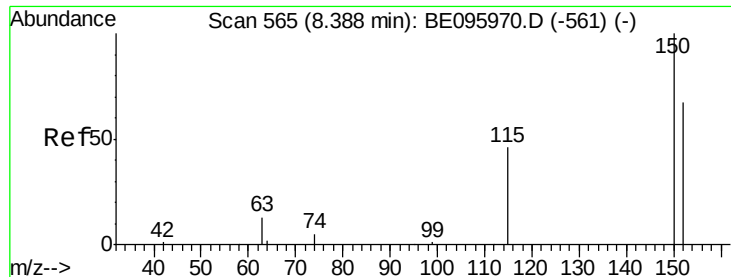
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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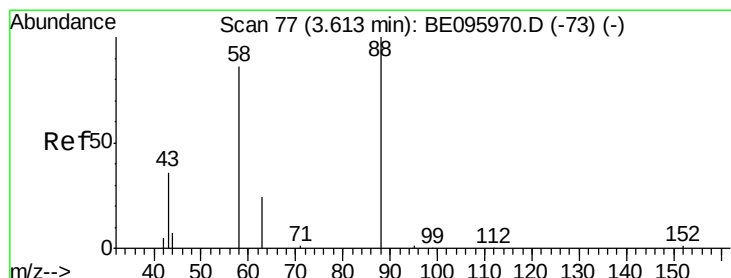
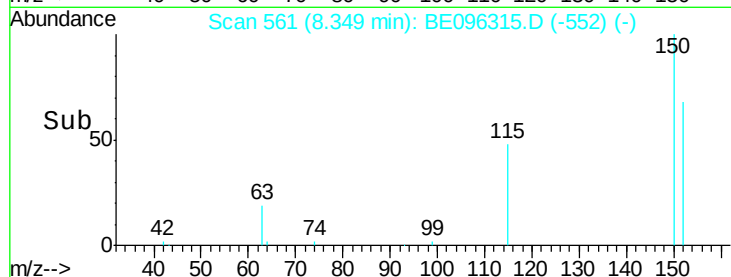
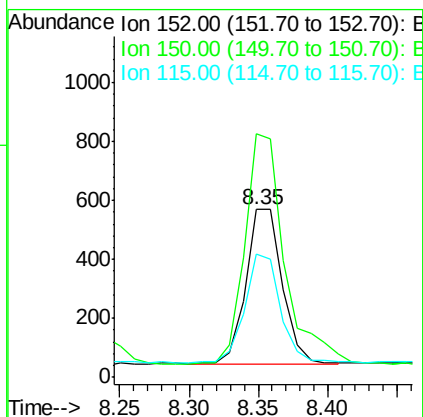
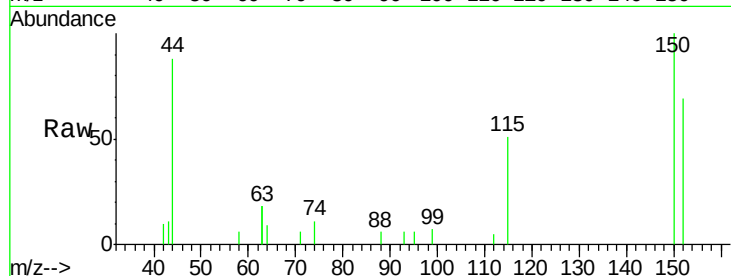


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.35 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BE096315.D
 Acq: 3 May 2018 4:03

Instrument :
 BNA_E
 ClientSampled :

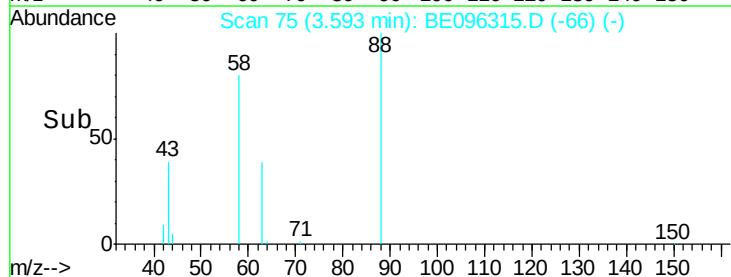
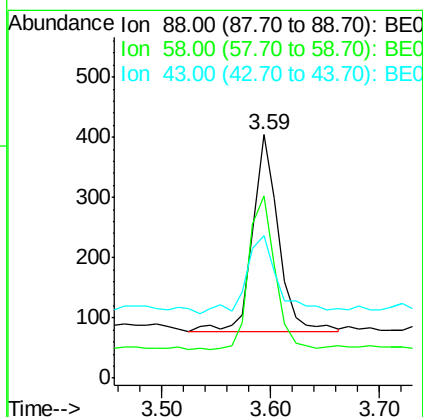
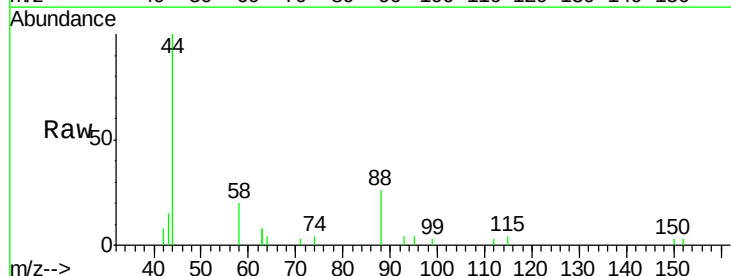
Tot Ion:152 Resp: 955
 Ion Ratio Lower Upper
 152 100
 150 145.2 117.2 175.8
 115 73.8 57.0 85.6

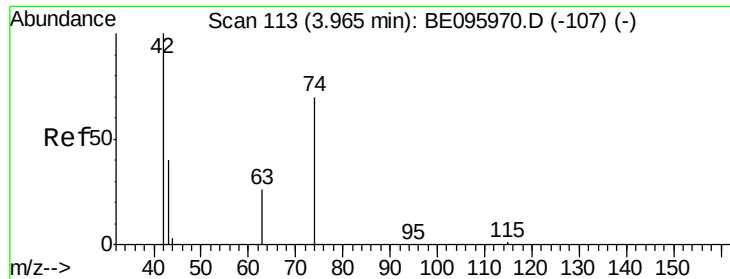


#2

1,4-Dioxane
 Concen: 0.361 ng
 RT: 3.59 min Scan# 75
 Delta R.T. -0.01 min
 Lab File: BE096315.D
 Acq: 3 May 2018 4:03

Tgt Ion: 88 Resp: 533
 Ion Ratio Lower Upper
 88 100
 58 79.4 63.2 94.8
 43 48.2 41.2 61.8



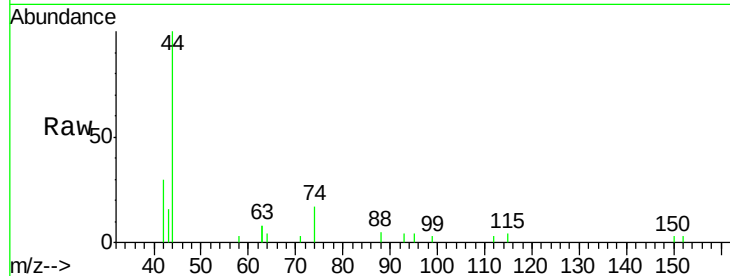


#3

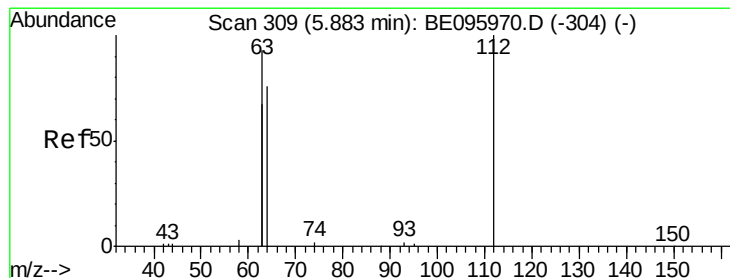
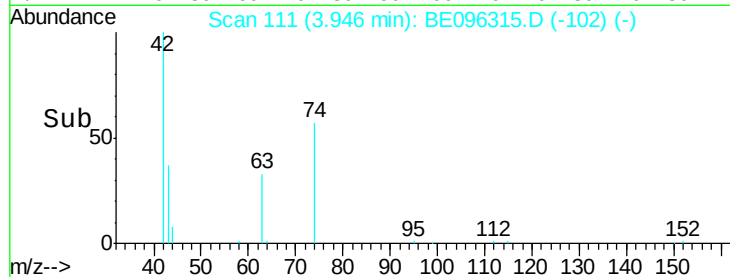
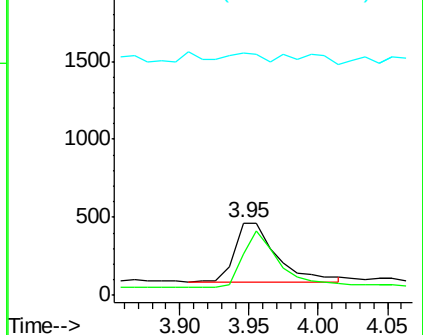
n-Nitrosodimethylamine
 Concen: 0.437 ng
 RT: 3.95 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: BE096315.D
 Acq: 3 May 2018 4:03

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 790
 Ion Ratio Lower Upper
 42 100
 74 85.1 96.0 144.0#
 44 12.7 12.0 18.0



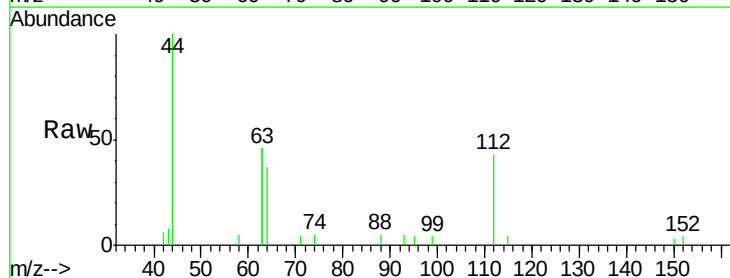
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



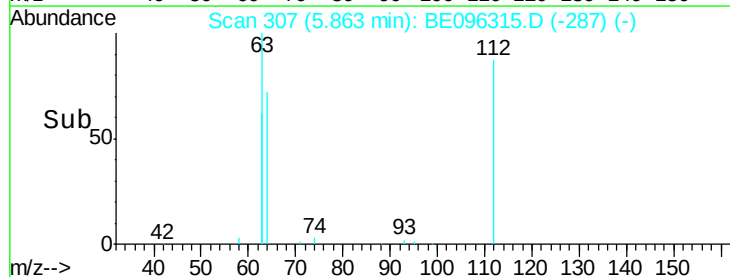
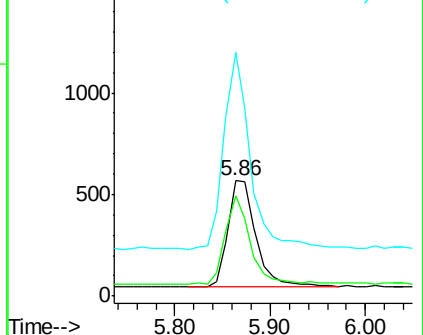
#4

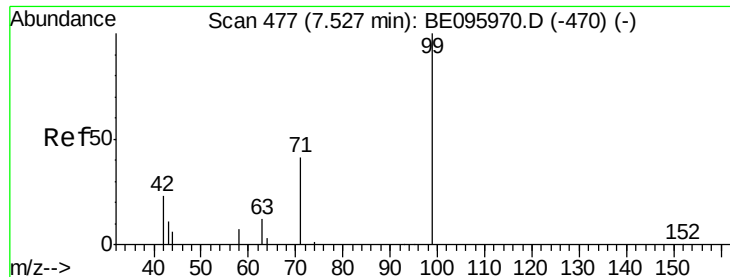
2-Fluorophenol
 Concen: 0.364 ng
 RT: 5.86 min Scan# 307
 Delta R.T. 0.00 min
 Lab File: BE096315.D
 Acq: 3 May 2018 4:03

Tgt Ion: 112 Resp: 1075
 Ion Ratio Lower Upper
 112 100
 64 72.8 60.1 90.1
 63 176.1 116.8 175.2#



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: 0.377 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampled :

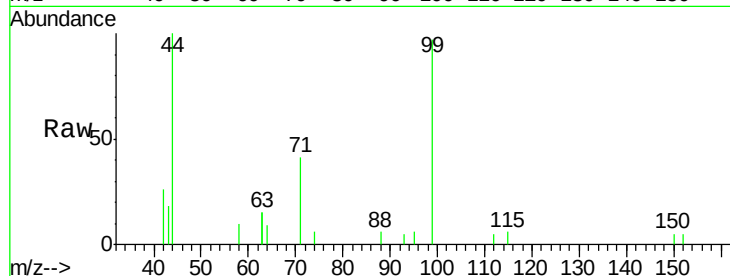
Tot Ion: 99 Resp: 1535

Ion Ratio Lower Upper

99 100

42 28.7 20.2 30.2

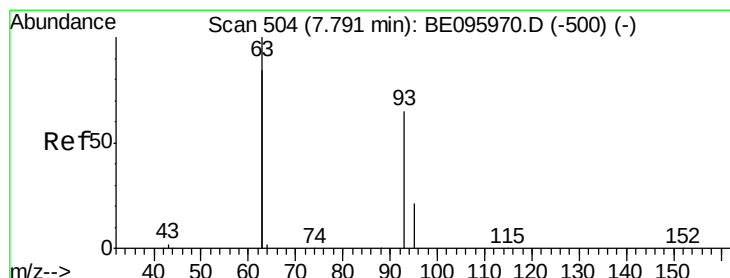
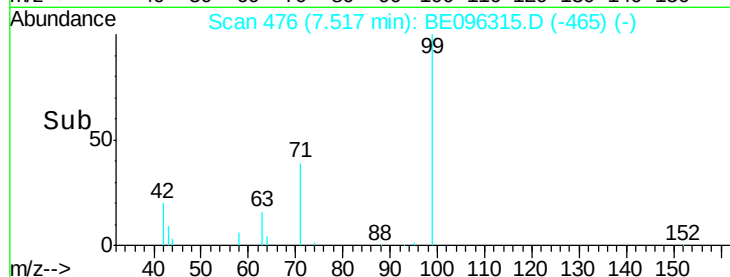
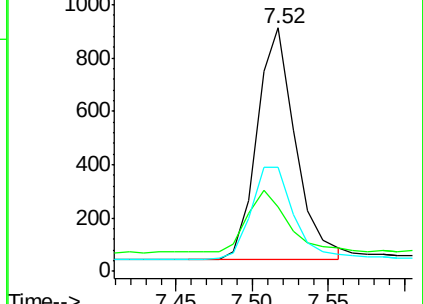
71 43.6 28.4 42.6#



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: 0.365 ng

RT: 7.76 min Scan# 501

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

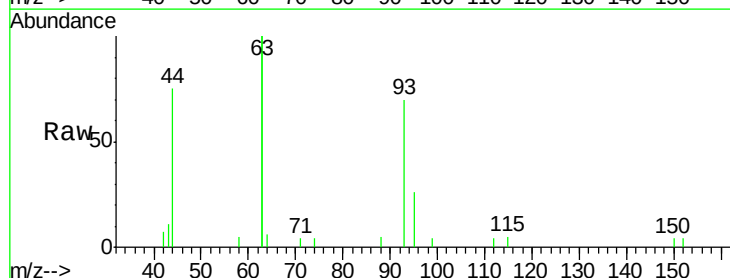
Tgt Ion: 93 Resp: 1309

Ion Ratio Lower Upper

93 100

63 326.0 275.3 412.9

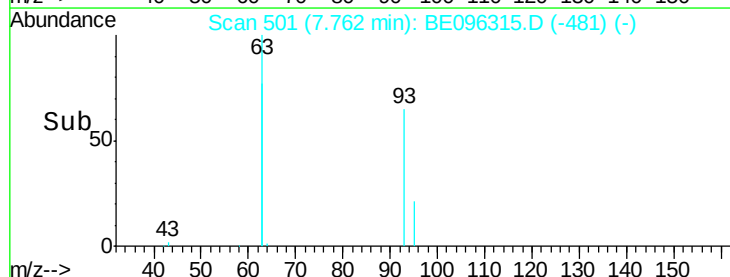
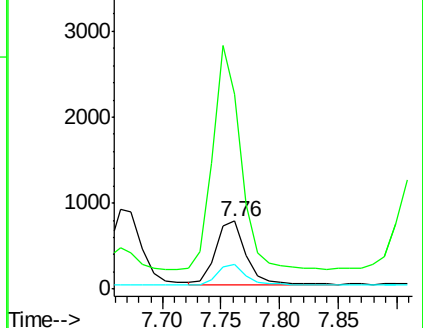
95 31.9 25.2 37.8

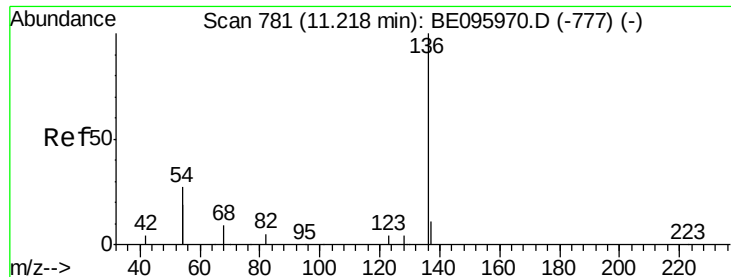


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3677

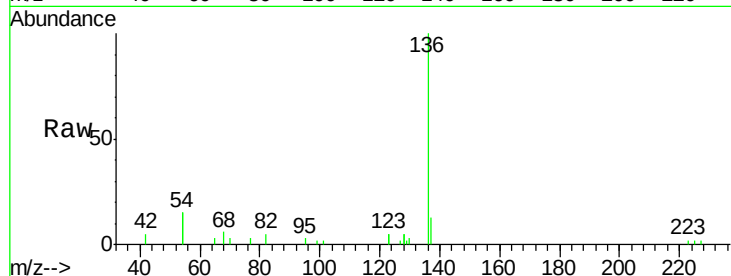
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 30.7 29.1 43.7

68 6.3 6.2 9.2

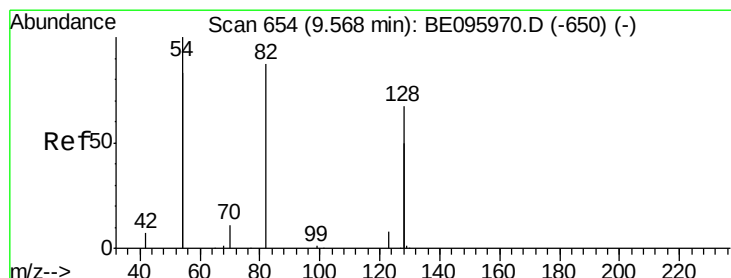
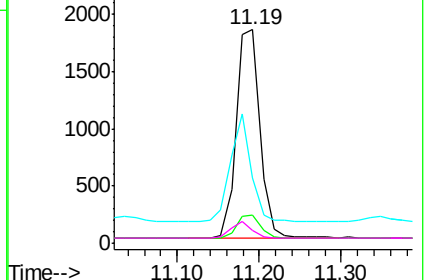
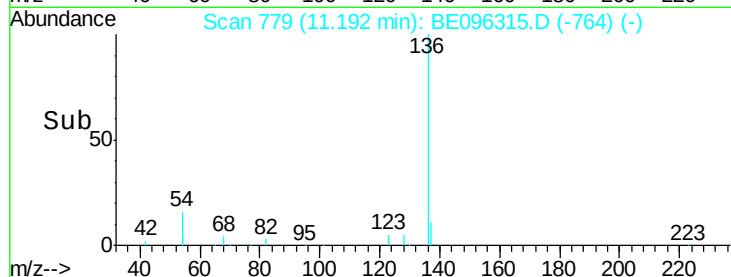


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.384 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

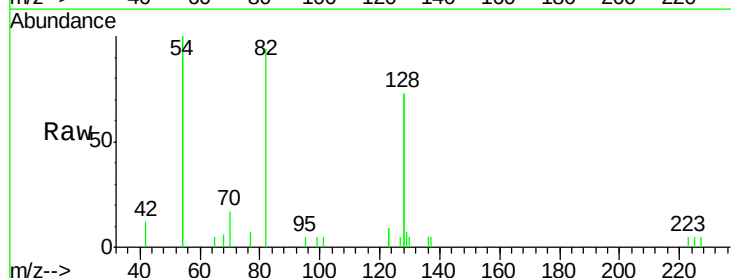
Tgt Ion: 82 Resp: 1656

Ion Ratio Lower Upper

82 100

128 155.1 150.0 225.0

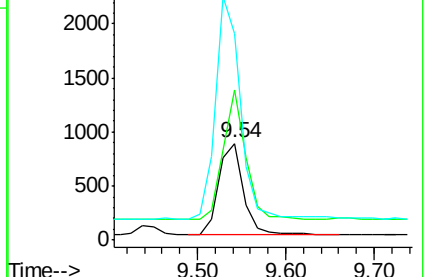
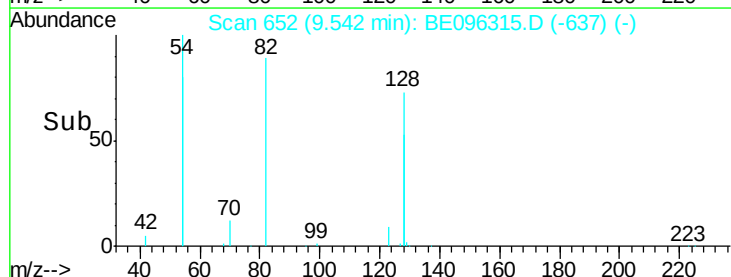
54 213.2 154.2 231.4

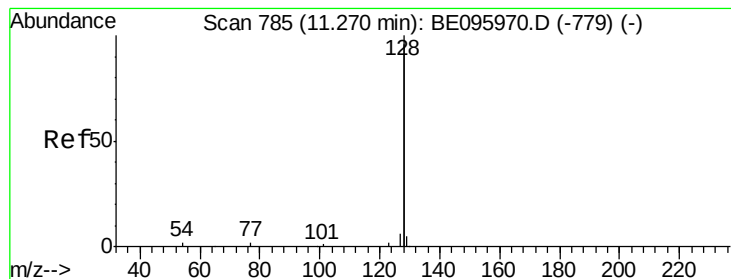


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.379 ng

RT: 11.23 min Scan# 782

Delta R.T. -0.01 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampled :

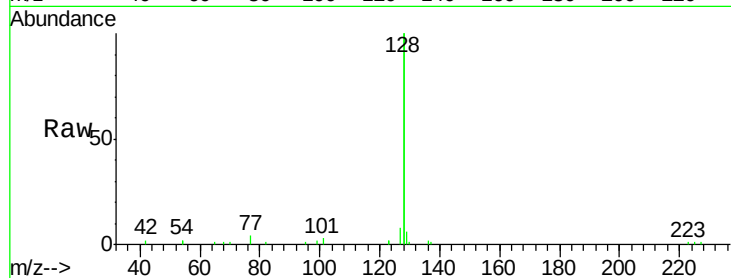
Tot Ion:128 Resp: 14693

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

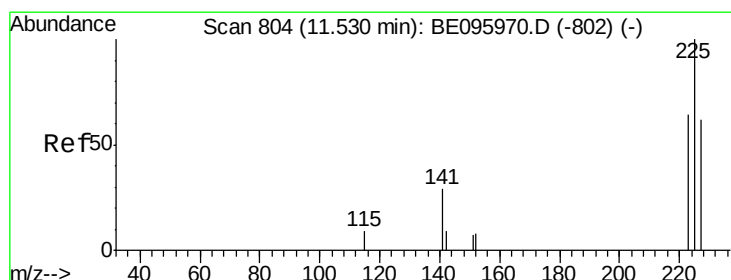
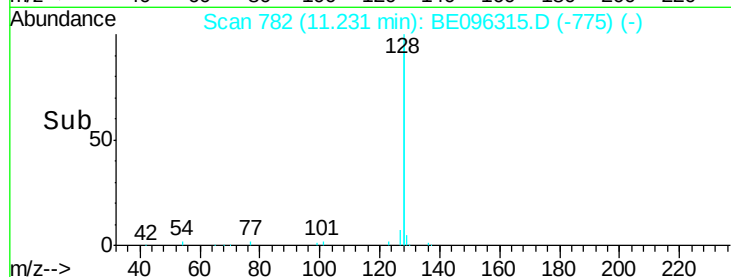
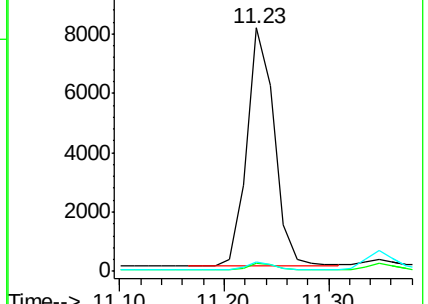
127 3.8 2.8 4.2



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: 0.327 ng

RT: 11.50 min Scan# 803

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

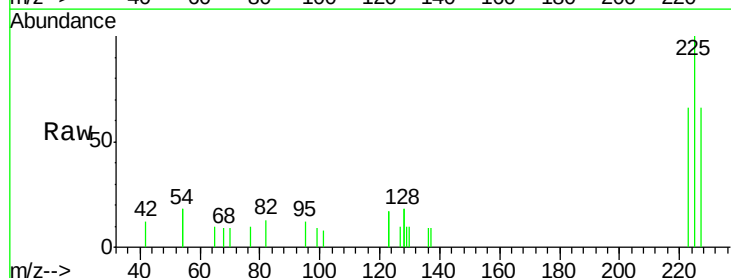
Tgt Ion:225 Resp: 562

Ion Ratio Lower Upper

225 100

223 83.6 53.0 79.6#

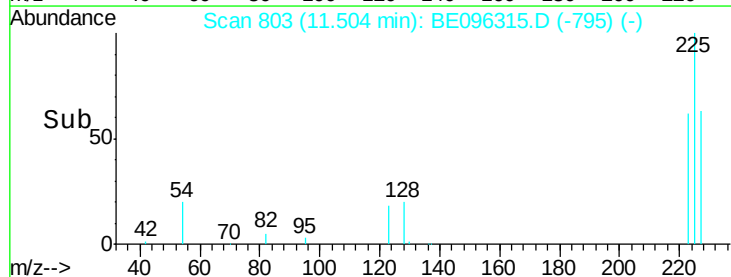
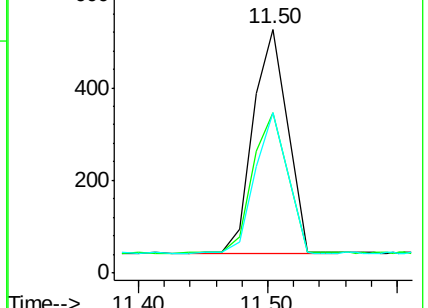
227 67.3 51.4 77.2

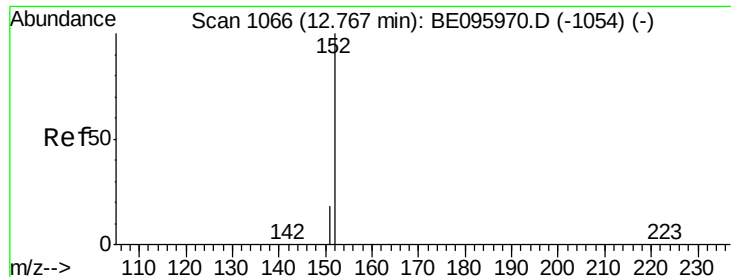


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

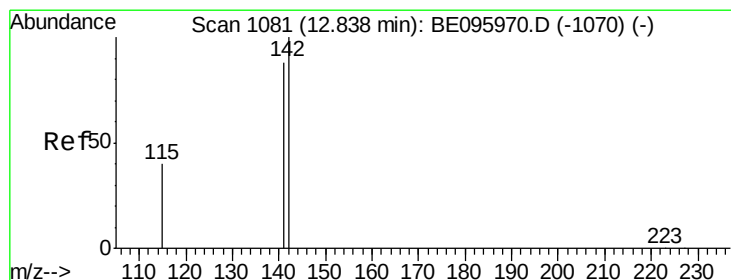
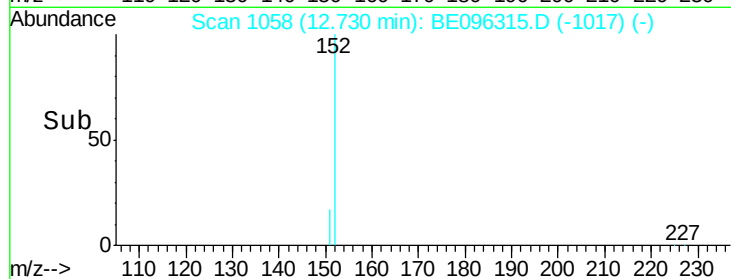
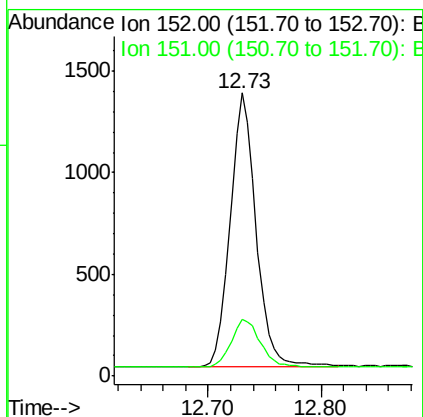
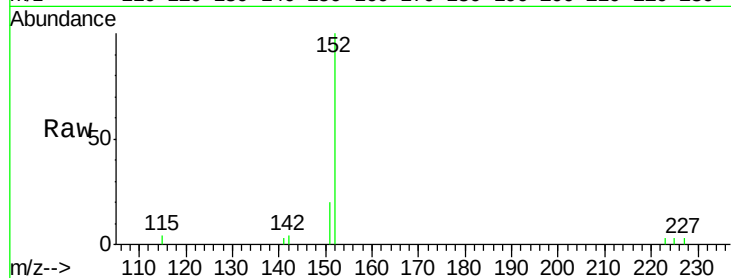




#11
 2-Methylnaphthalene-d10
 Concen: 0.370 ng
 RT: 12.73 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BE096315.D
 Acq: 3 May 2018 4:03

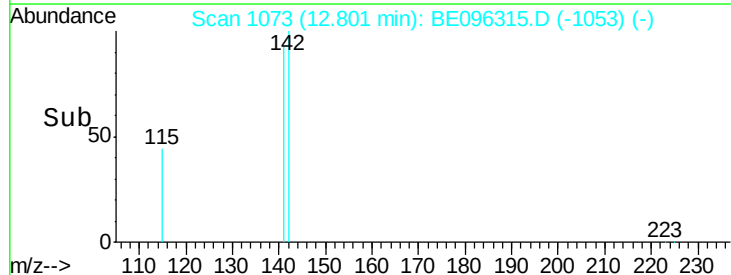
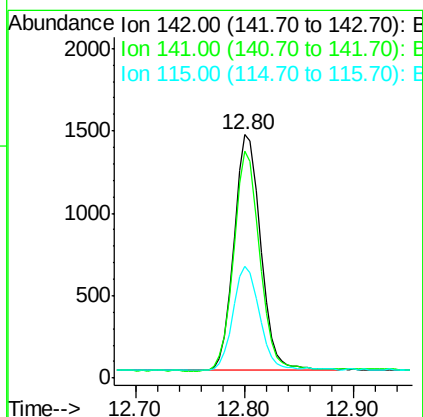
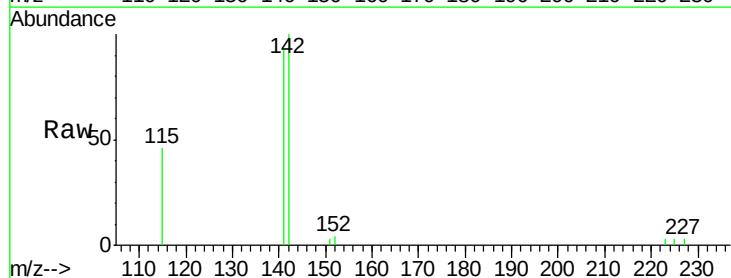
Instrument :
 BNA_E
 ClientSampleId :

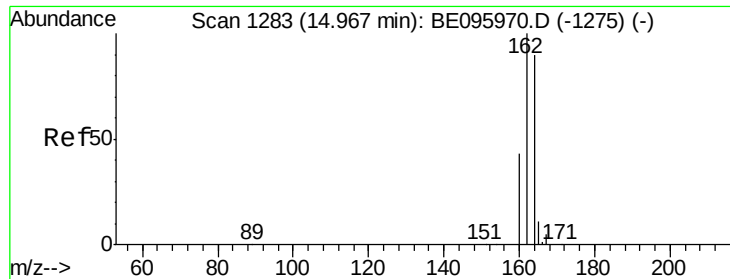
Tot Ion:152 Resp: 2154
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.372 ng
 RT: 12.80 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BE096315.D
 Acq: 3 May 2018 4:03

Tgt Ion:142 Resp: 2384
 Ion Ratio Lower Upper
 142 100
 141 93.4 70.4 105.6
 115 45.9 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.93 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampleId :

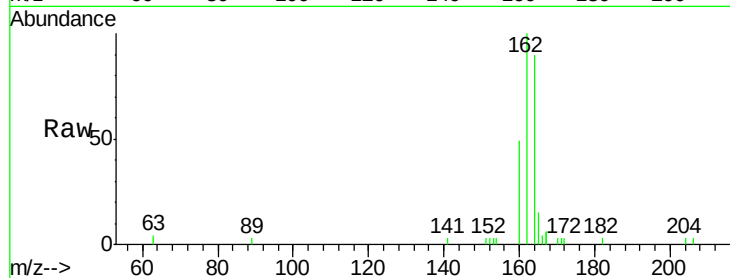
Tot Ion:164 Resp: 2001

Ion Ratio Lower Upper

164 100

162 111.2 83.1 124.7

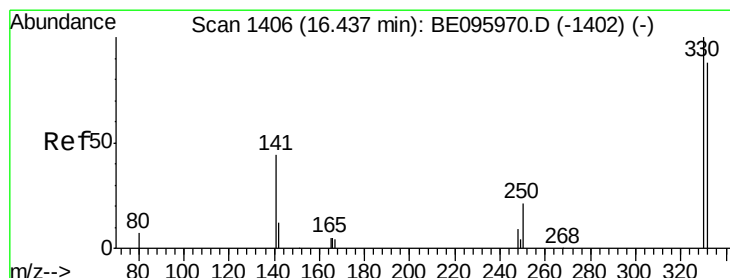
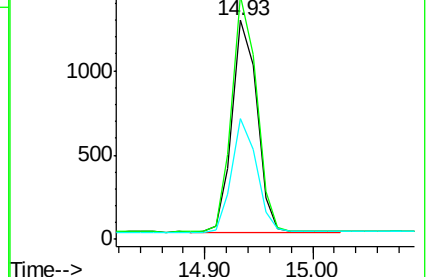
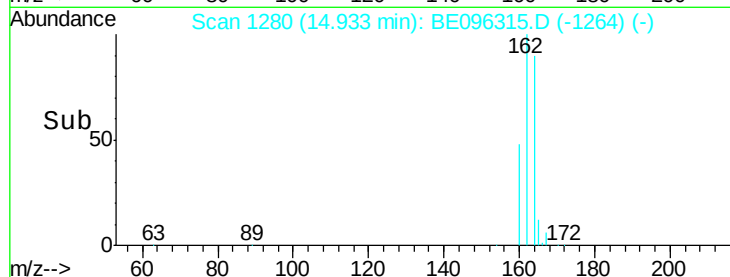
160 54.9 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.328 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

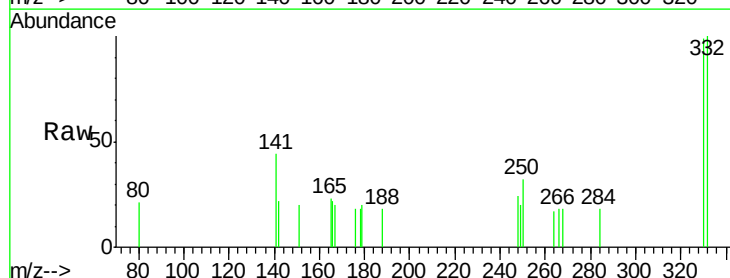
Tgt Ion:330 Resp: 317

Ion Ratio Lower Upper

330 100

332 100.9 152.7 229.1#

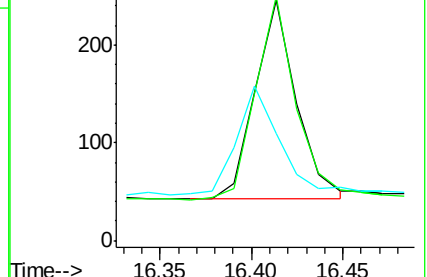
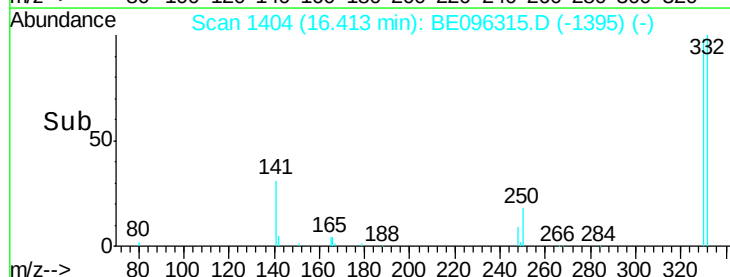
141 55.8 33.7 50.5#

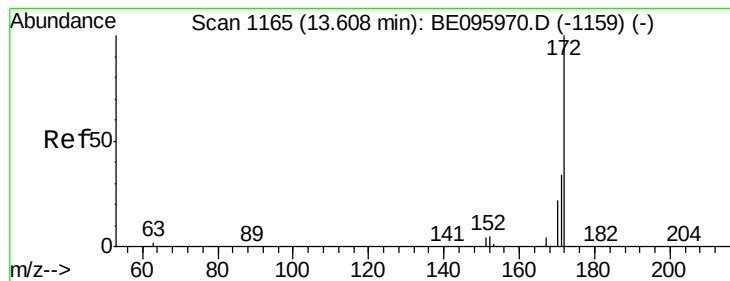


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.390 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampleId :

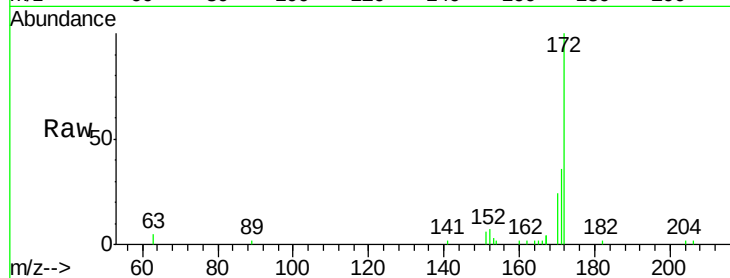
Tot Ion:172 Resp: 3342

Ion Ratio Lower Upper

172 100

171 35.6 29.9 44.9

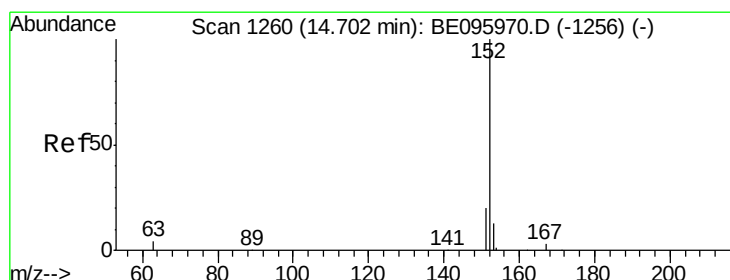
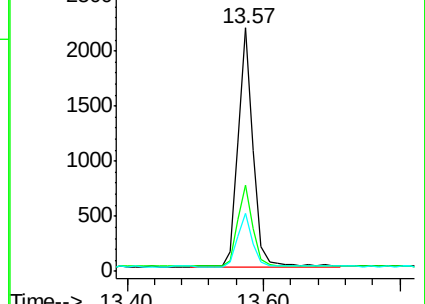
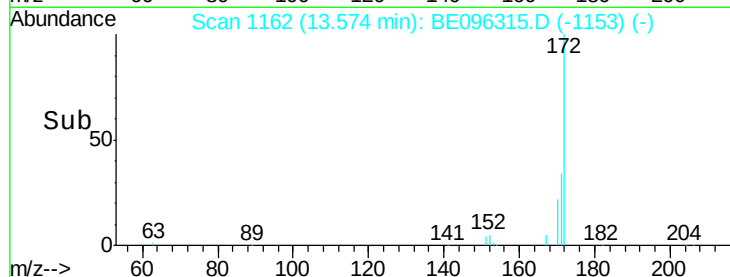
170 23.7 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.390 ng

RT: 14.67 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

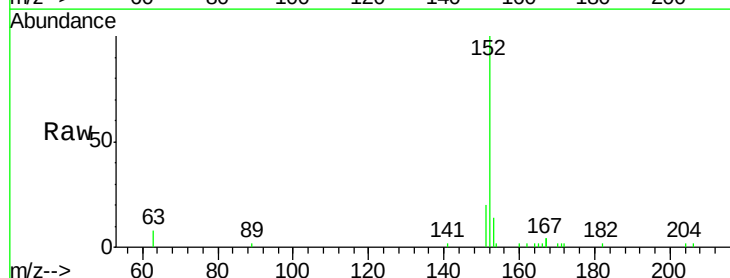
Tgt Ion:152 Resp: 4170

Ion Ratio Lower Upper

152 100

151 19.1 15.7 23.5

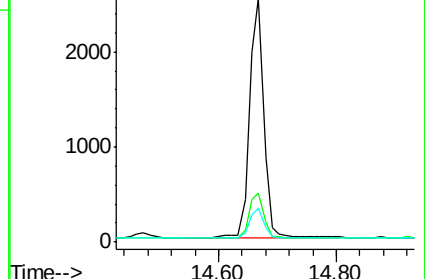
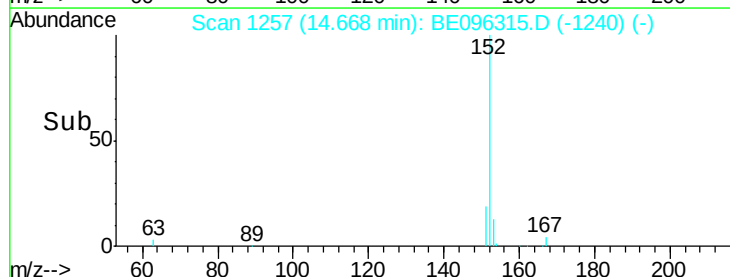
153 12.7 10.5 15.7

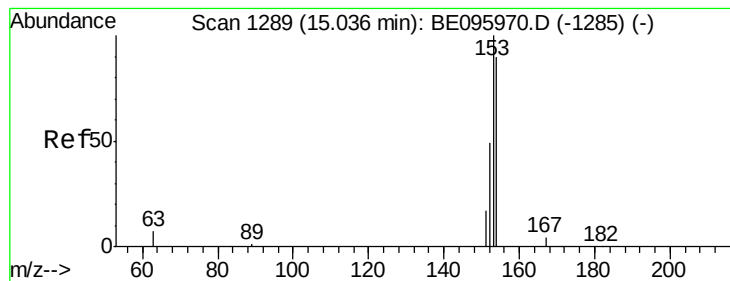


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.380 ng

RT: 15.00 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampled :

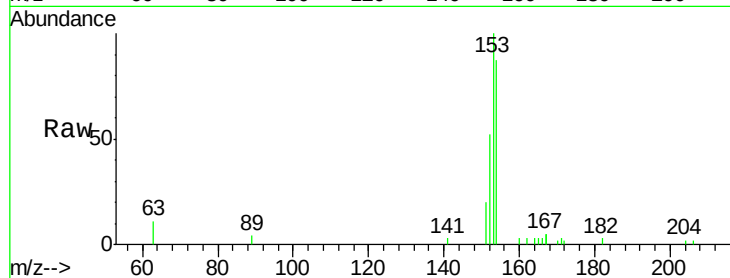
Tot Ion:154 Resp: 2440

Ion Ratio Lower Upper

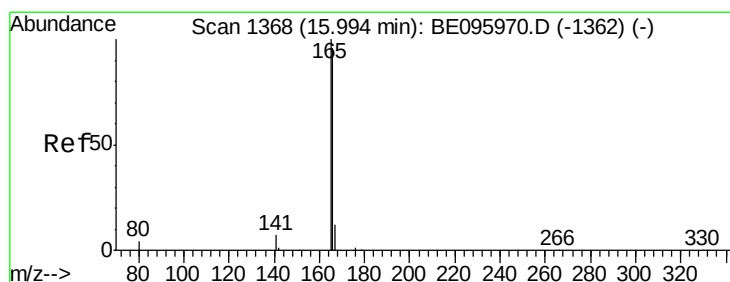
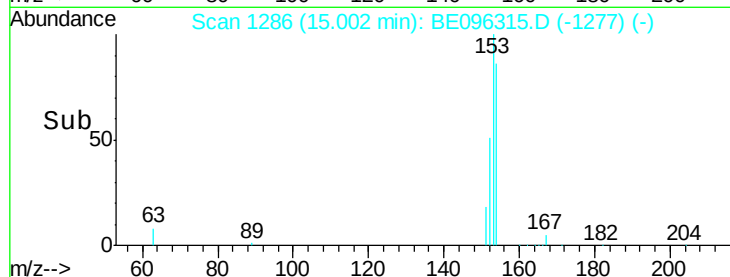
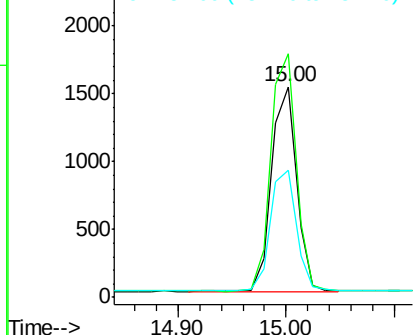
154 100

153 117.7 89.2 133.8

152 61.4 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: 0.398 ng

RT: 15.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

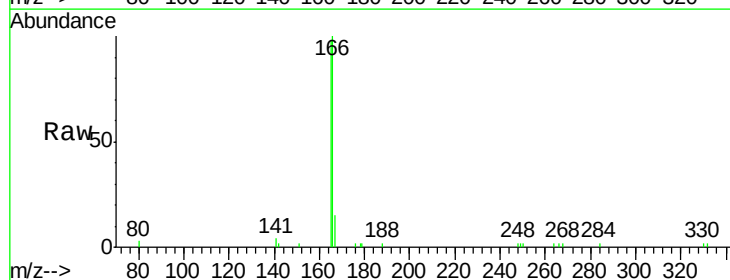
Tgt Ion:166 Resp: 3161

Ion Ratio Lower Upper

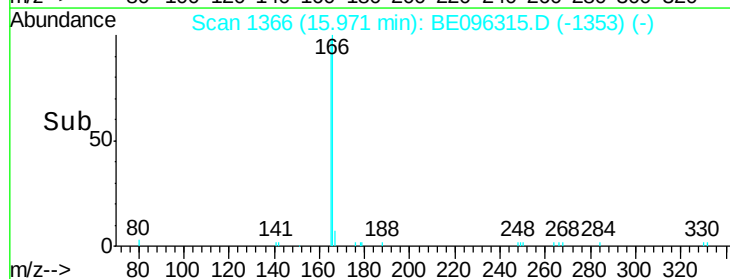
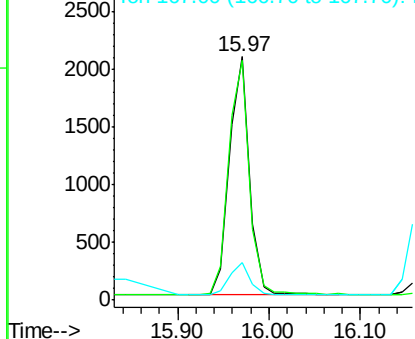
166 100

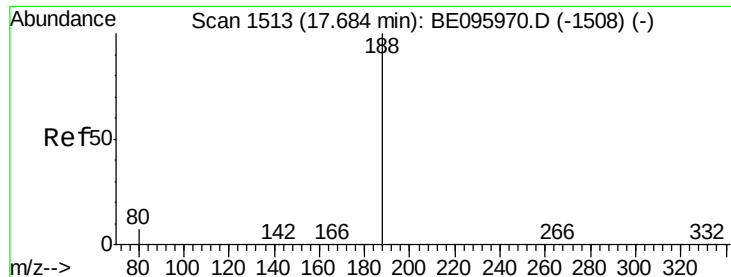
165 100.9 77.8 116.6

167 14.4 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: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampleId :

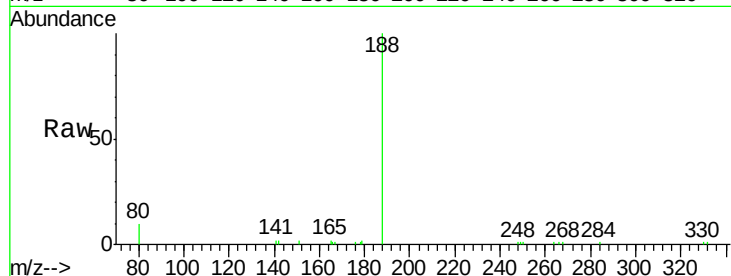
Tot Ion:188 Resp: 5147

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

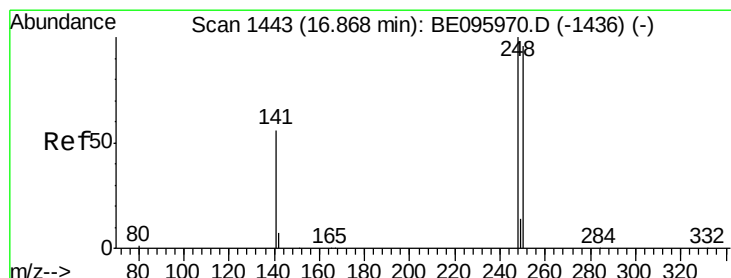
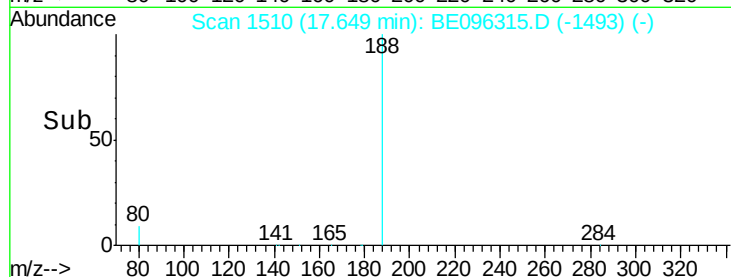
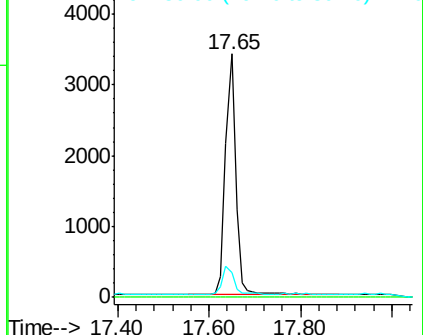
80 10.2 3.6 5.4#



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: 0.360 ng

RT: 16.83 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

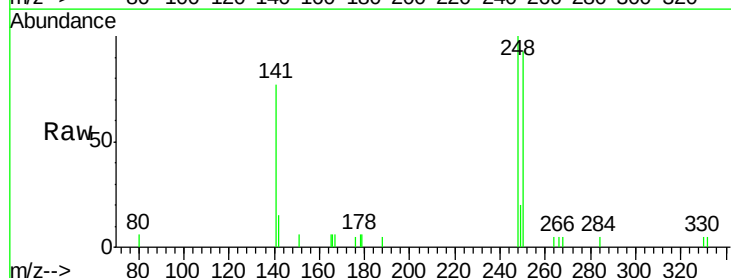
Tgt Ion:248 Resp: 1101

Ion Ratio Lower Upper

248 100

250 93.3 62.7 94.1

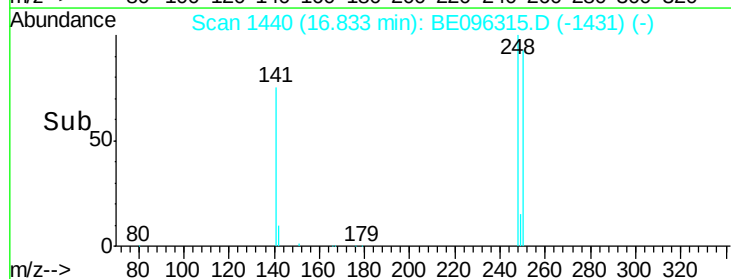
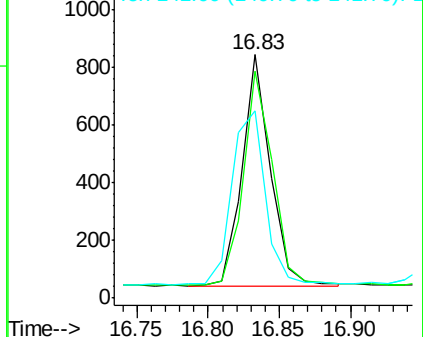
141 76.7 48.2 72.2#

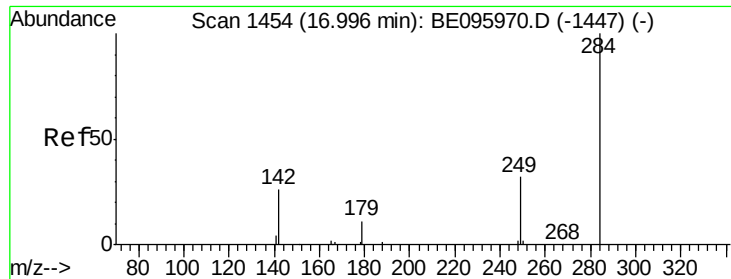


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

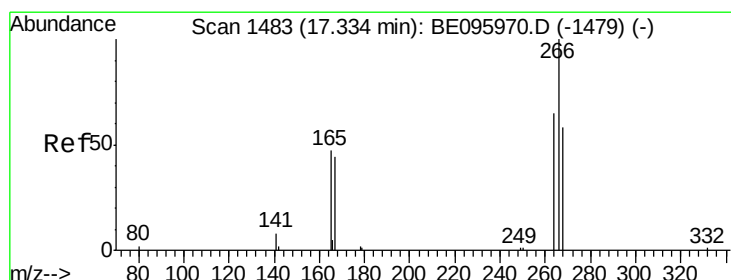
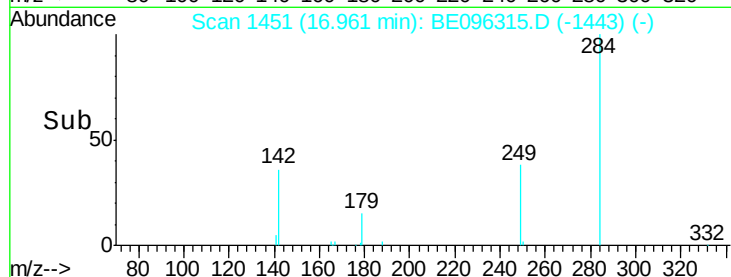
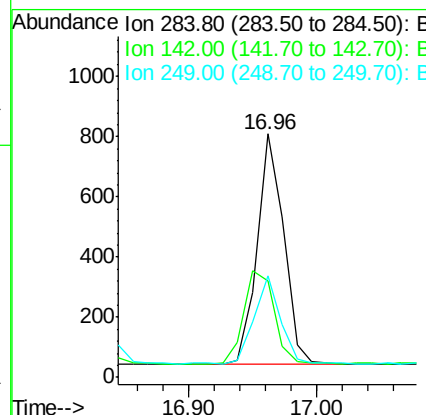
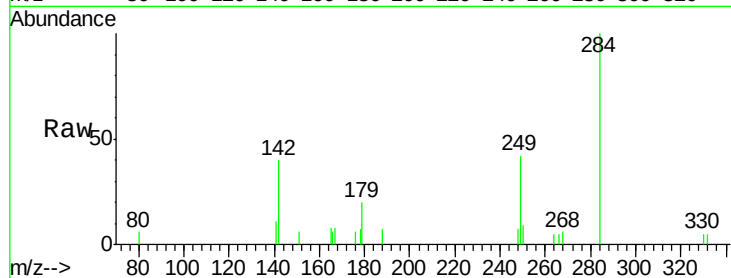




#21
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.96 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE096315.D
Acq: 3 May 2018 4:03

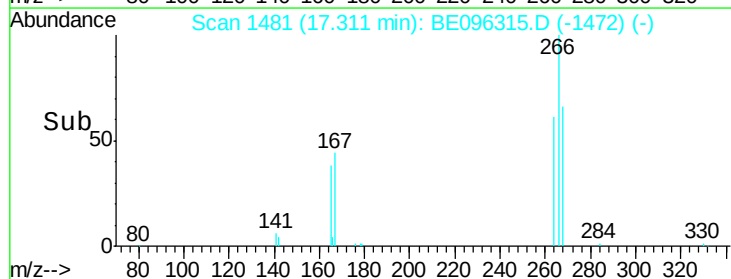
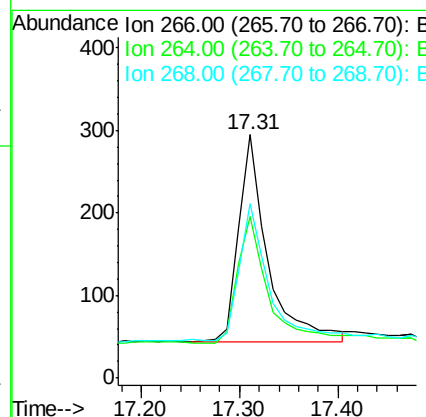
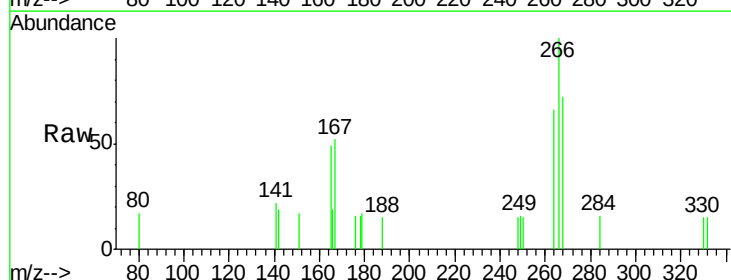
Instrument :
BNA_E
ClientSampled :

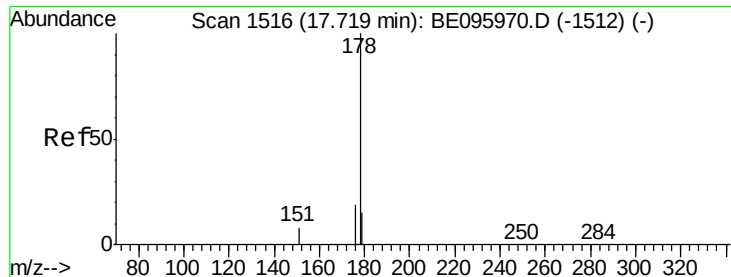
Tot Ion:284 Resp: 1110
Ion Ratio Lower Upper
284 100
142 46.4 22.1 33.1#
249 37.7 34.8 52.2



#22
Pentachlorophenol
Concen: 0.501 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096315.D
Acq: 3 May 2018 4:03

Tgt Ion:266 Resp: 513
Ion Ratio Lower Upper
266 100
264 66.4 72.5 108.7#
268 71.5 73.8 110.6#





#23

Phenanthrene

Concen: 0.378 ng

RT: 17.68 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampleId :

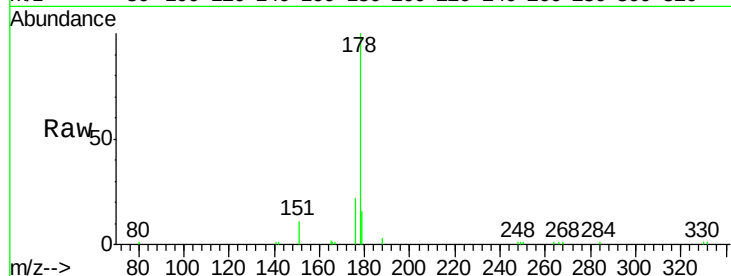
Tot Ion:178 Resp: 5467

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

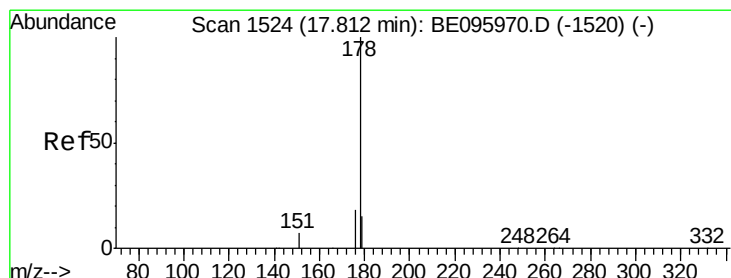
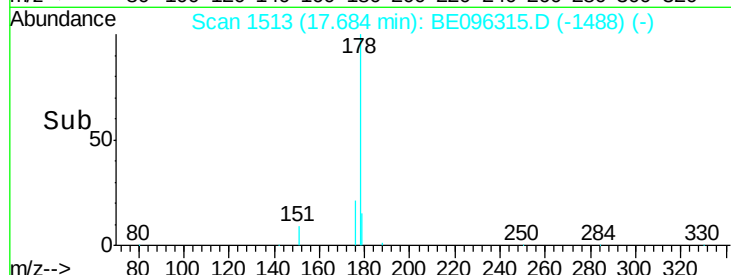
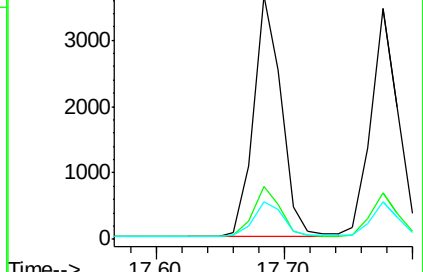
179 14.9 11.8 17.6



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: 0.369 ng

RT: 17.78 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

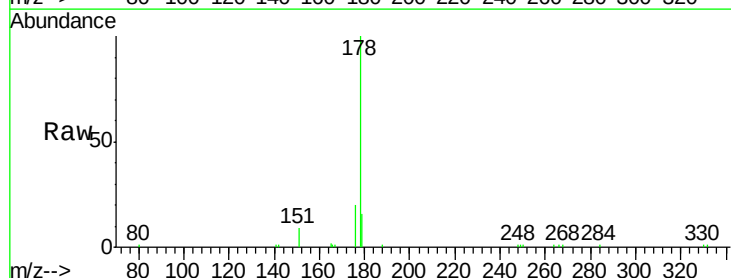
Tgt Ion:178 Resp: 5093

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

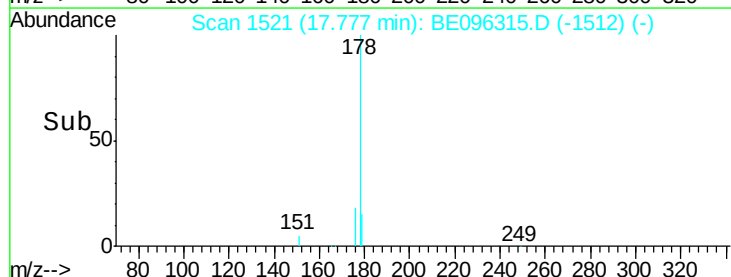
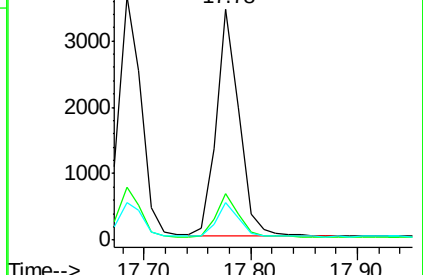
179 14.9 13.0 19.6

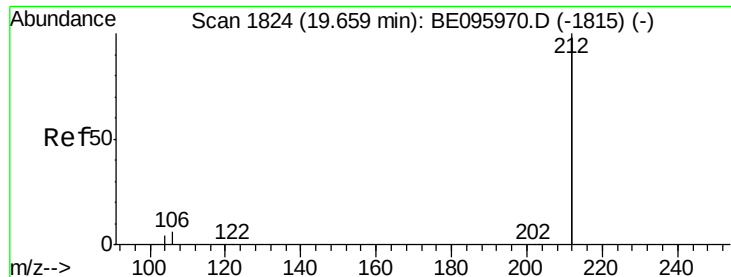


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.63 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampleId :

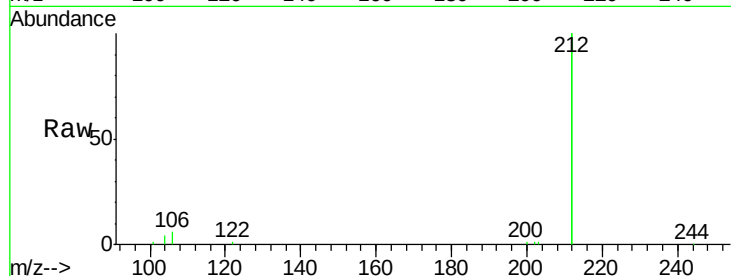
Tot Ion:212 Resp: 25560

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

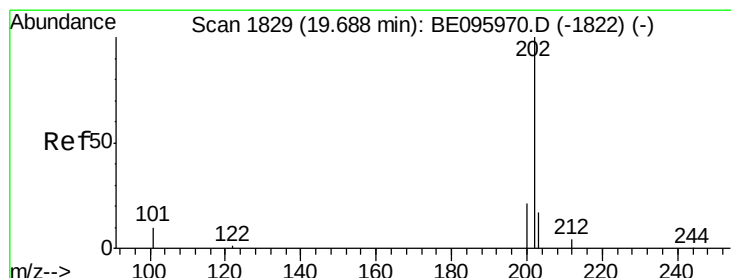
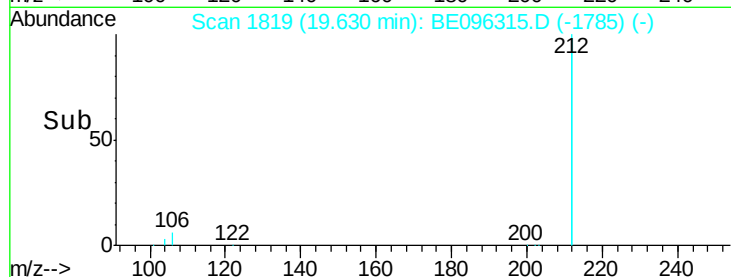
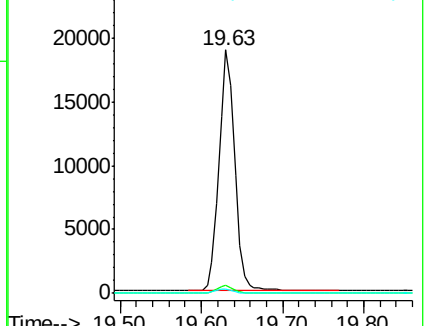
104 1.6 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.373 ng

RT: 19.66 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

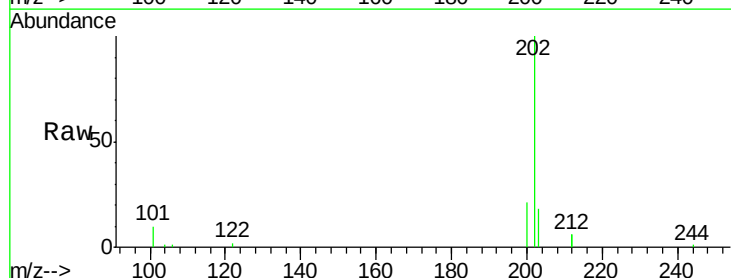
Tgt Ion:202 Resp: 7096

Ion Ratio Lower Upper

202 100

101 10.0 9.8 14.8

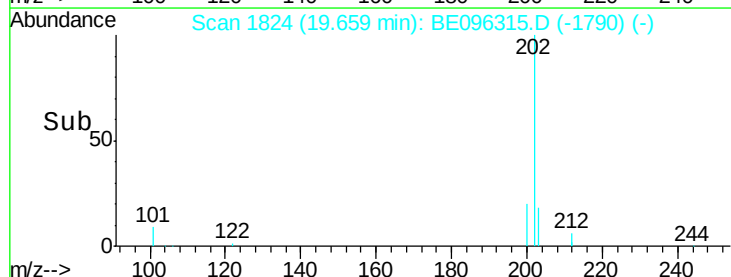
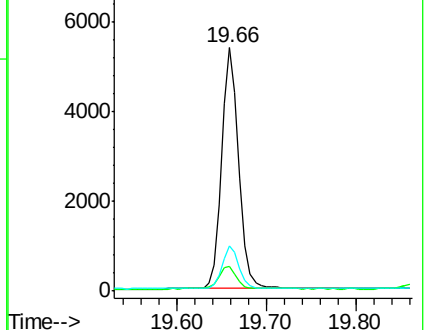
203 17.4 13.7 20.5

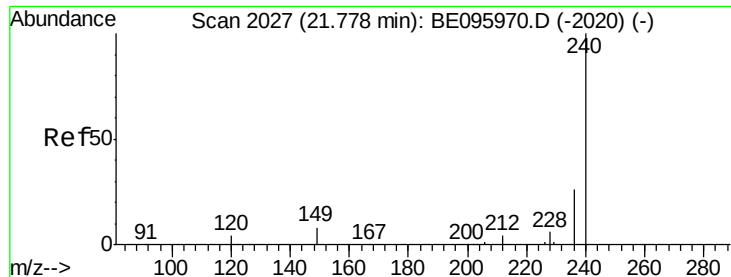


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.74 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampleId :

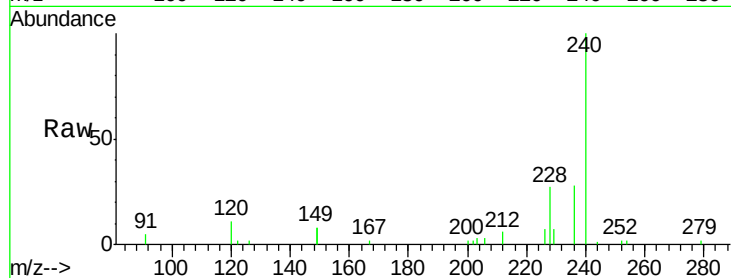
Tot Ion:240 Resp: 5363

Ion Ratio Lower Upper

240 100

120 10.5 5.5 8.3#

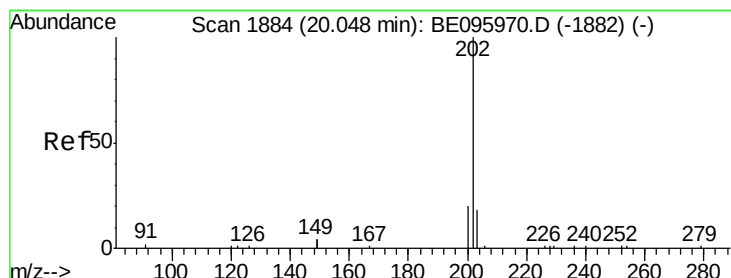
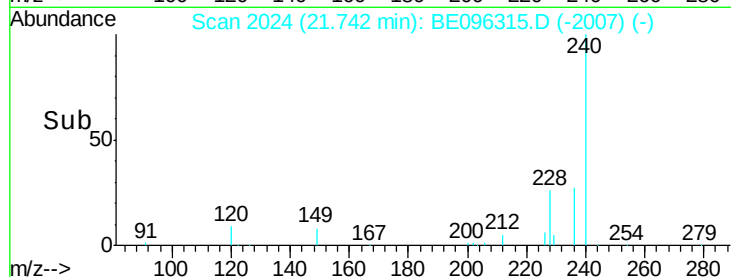
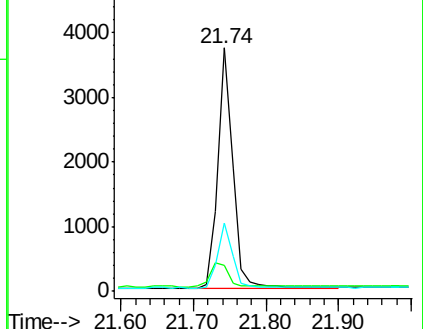
236 28.2 20.7 31.1



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: 0.062 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

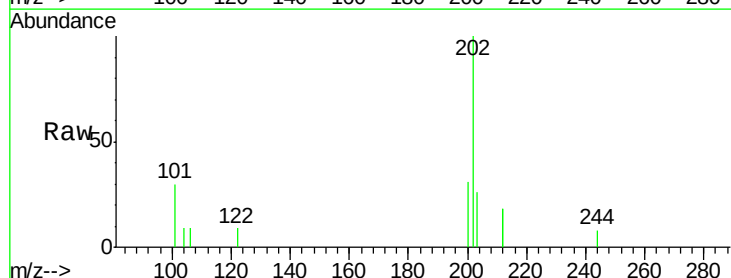
Tgt Ion:202 Resp: 650

Ion Ratio Lower Upper

202 100

200 26.0 16.6 25.0#

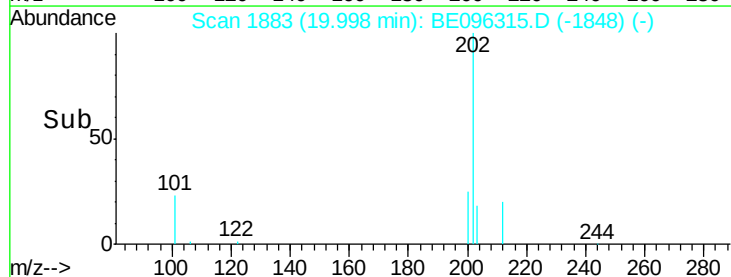
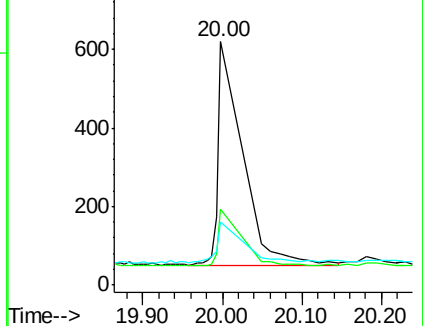
203 21.5 13.8 20.8#

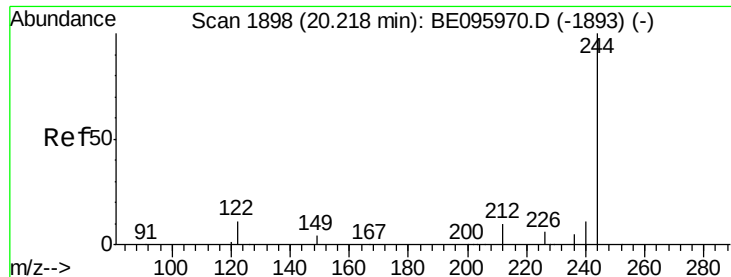


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.371 ng

RT: 20.19 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampleId :

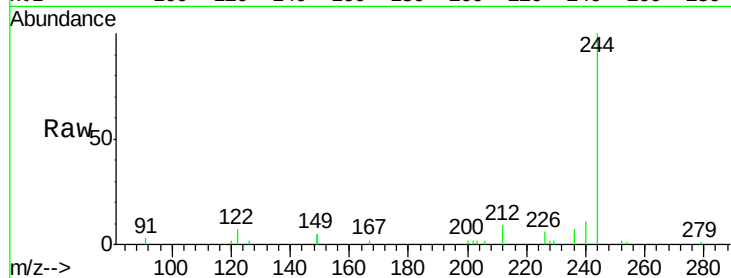
Tot Ion:244 Resp: 4392

Ion Ratio Lower Upper

244 100

212 9.0 25.4 38.0#

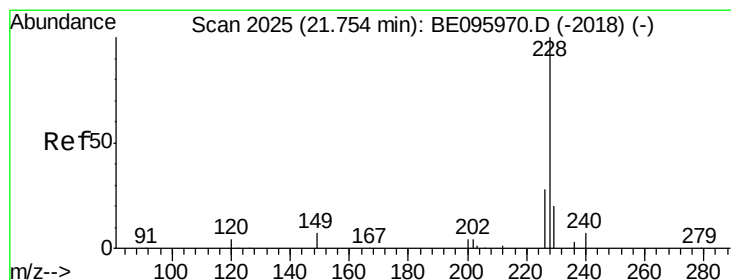
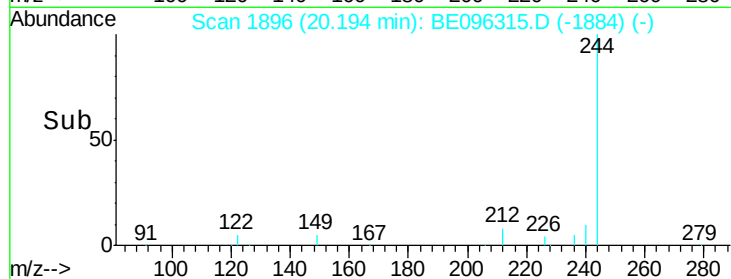
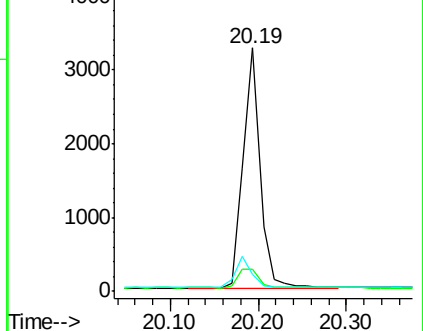
122 6.9 8.1 12.1#



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: 0.366 ng

RT: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

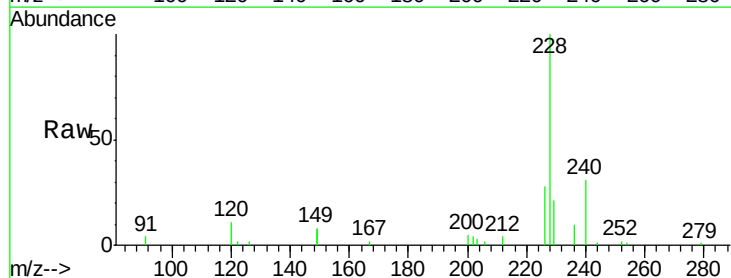
Tgt Ion:228 Resp: 6298

Ion Ratio Lower Upper

228 100

226 27.7 24.0 36.0

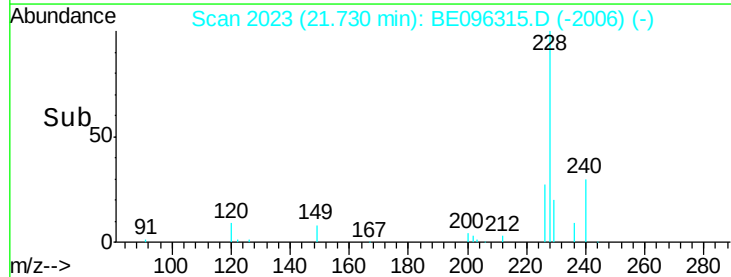
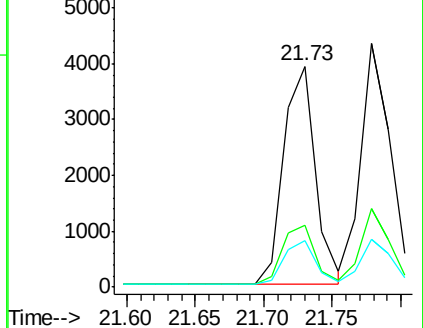
229 21.2 16.0 24.0

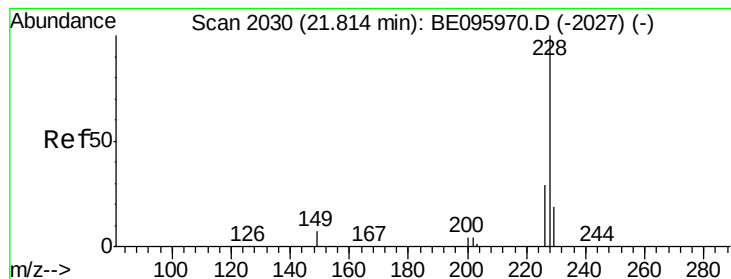


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.390 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampleId :

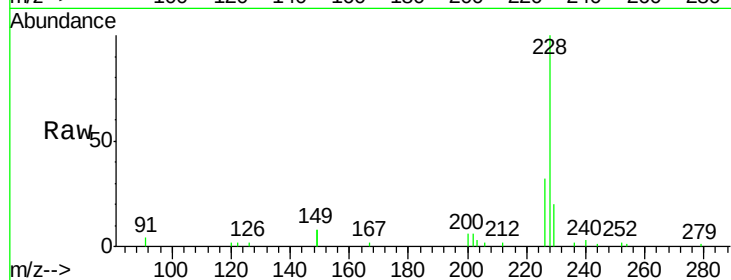
Tot Ion:228 Resp: 6483

Ion Ratio Lower Upper

228 100

226 32.2 24.0 36.0

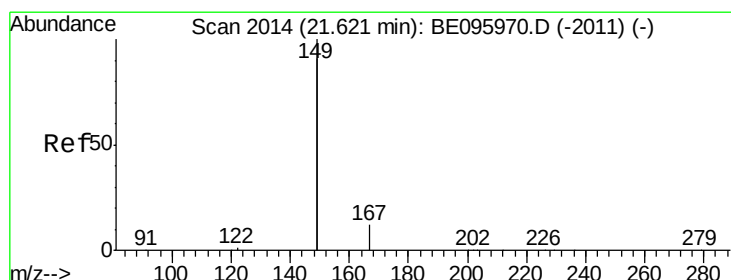
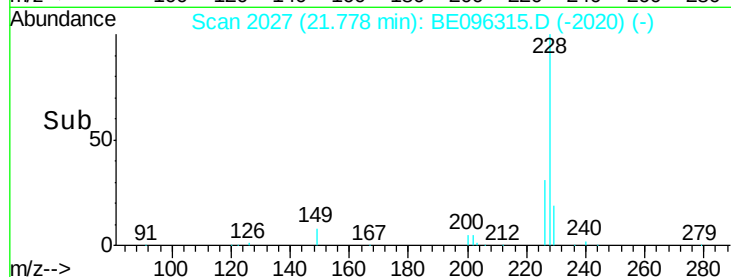
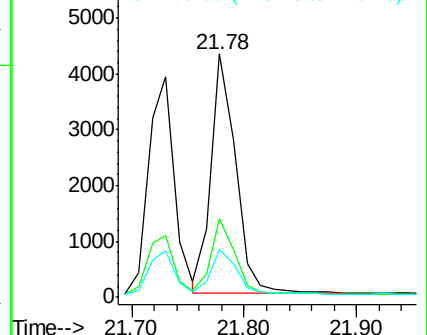
229 19.7 16.0 24.0



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: 0.394 ng

RT: 21.60 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

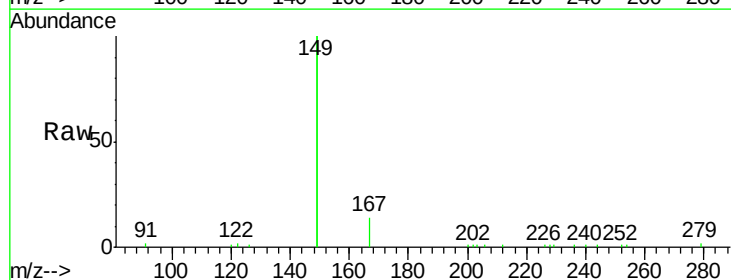
Tgt Ion:149 Resp: 17493

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

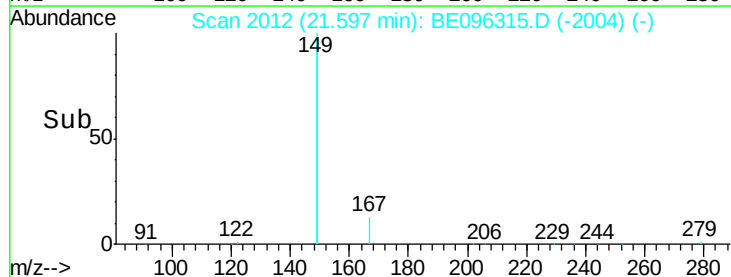
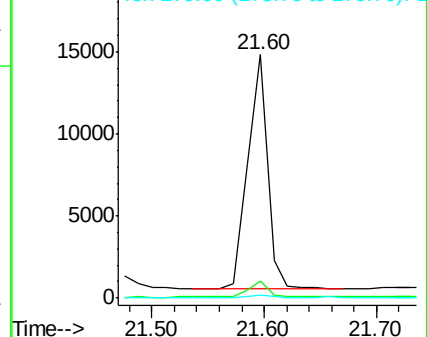
279 0.8 0.7 1.1

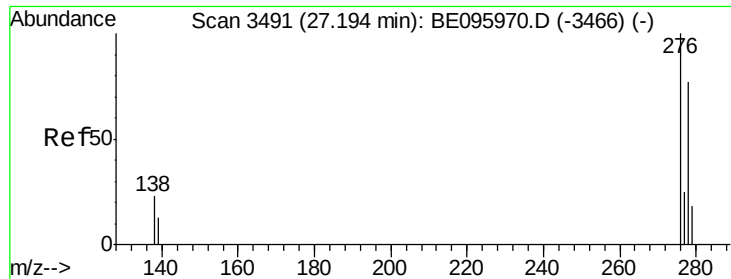


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

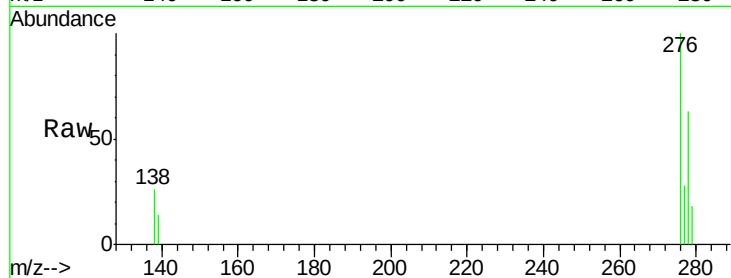




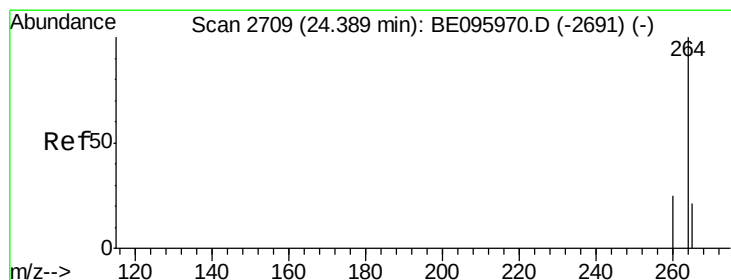
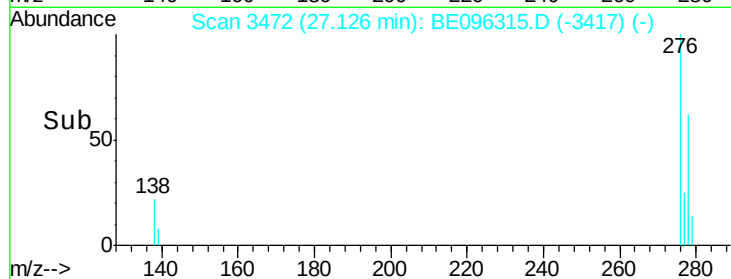
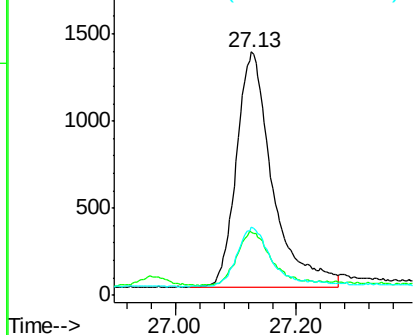
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.345 ng
 RT: 27.13 min Scan# 3472
 Delta R.T. -0.00 min
 Lab File: BE096315.D
 Acq: 3 May 2018 4:03

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 5553
 Ion Ratio Lower Upper
 276 100
 138 22.6 22.5 33.7
 277 23.8 19.9 29.9

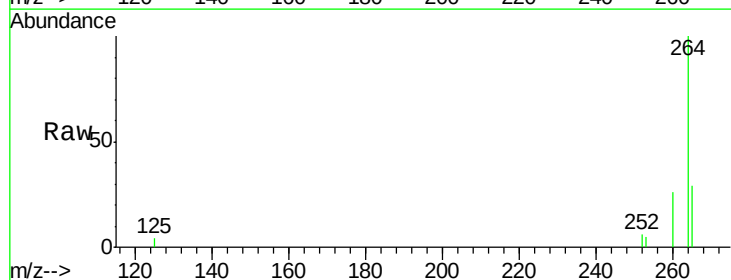


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

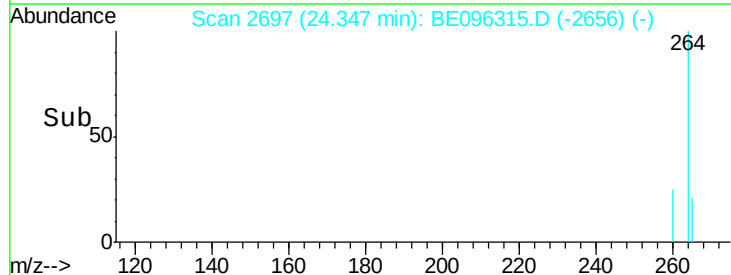
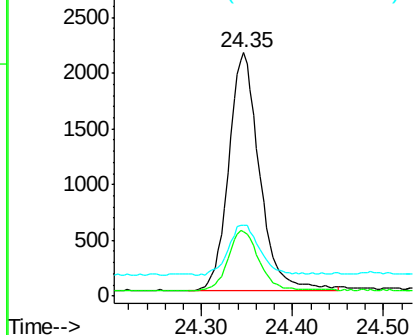


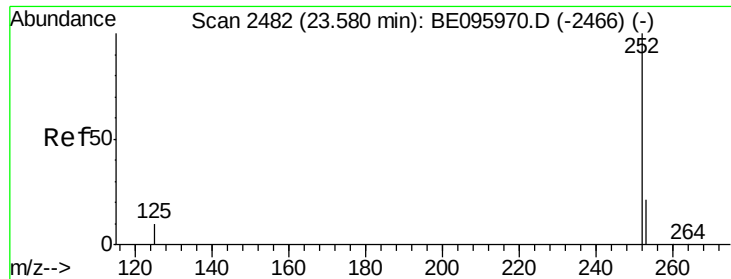
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.35 min Scan# 2697
 Delta R.T. -0.00 min
 Lab File: BE096315.D
 Acq: 3 May 2018 4:03

Tgt Ion:264 Resp: 5020
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.5 30.7
 265 29.2 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

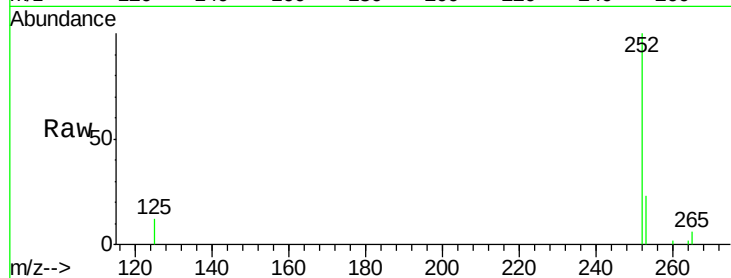




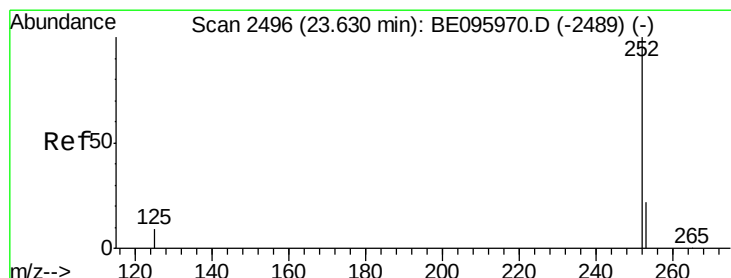
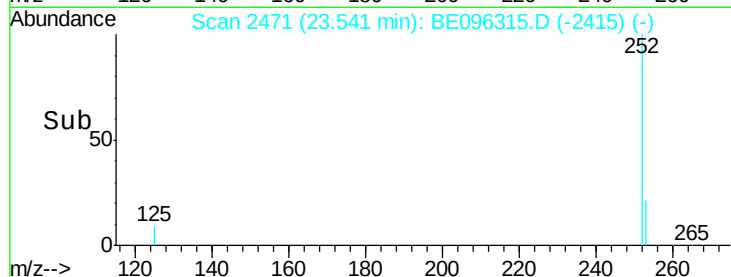
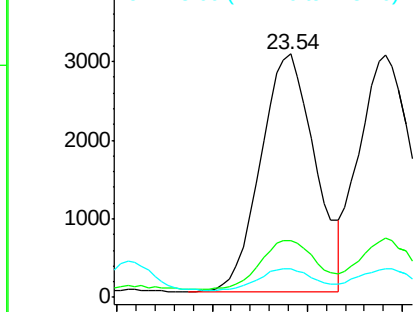
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BE096315.D
Acq: 3 May 2018 4:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 6024
Ion Ratio Lower Upper
252 100
253 23.3 20.0 30.0
125 11.6 16.0 24.0#

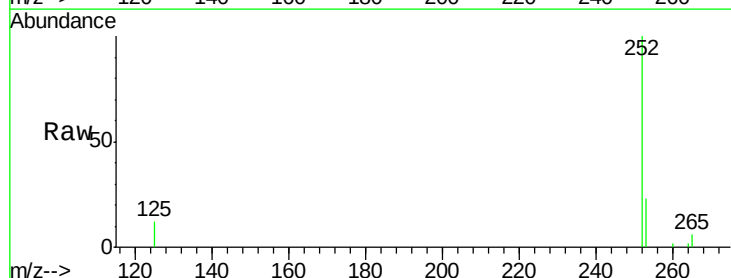


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

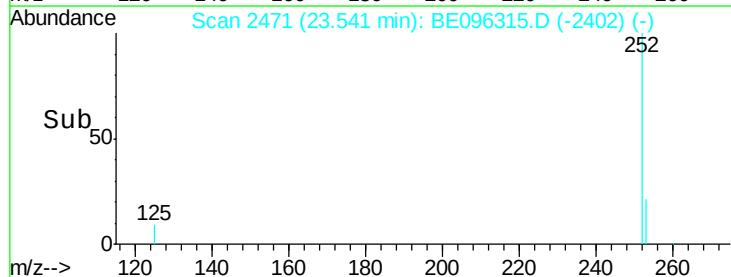
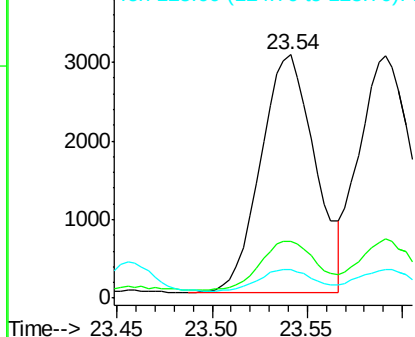


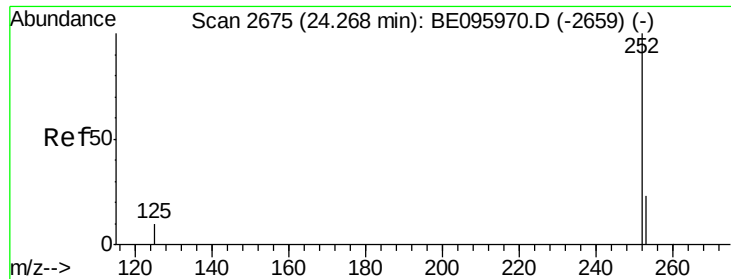
#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.05 min
Lab File: BE096315.D
Acq: 3 May 2018 4:03

Tgt Ion:252 Resp: 6024
Ion Ratio Lower Upper
252 100
253 23.3 16.0 24.0
125 11.6 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: 0.388 ng

RT: 24.23 min Scan# 2664

Delta R.T. -0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampleId :

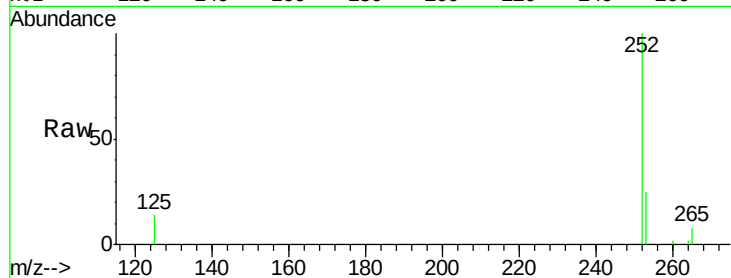
Tot Ion:252 Resp: 5618

Ion Ratio Lower Upper

252 100

253 24.8 16.0 24.0#

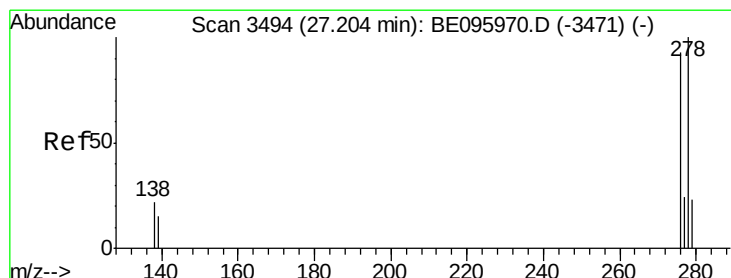
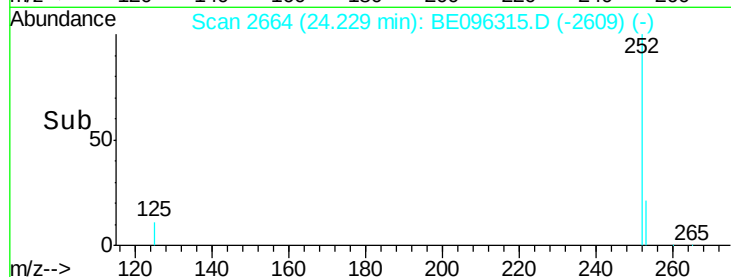
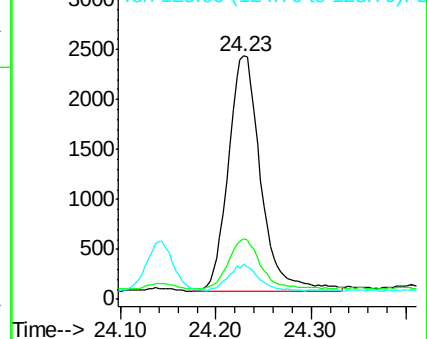
125 14.2 12.0 18.0



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: 0.330 ng

RT: 27.14 min Scan# 3476

Delta R.T. -0.00 min

Lab File: BE096315.D

Acq: 3 May 2018 4:03

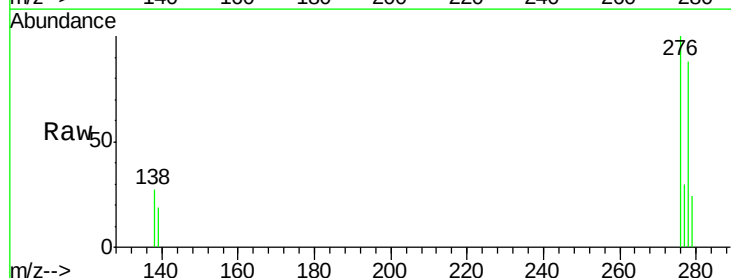
Tgt Ion:278 Resp: 4211

Ion Ratio Lower Upper

278 100

139 22.0 16.0 24.0

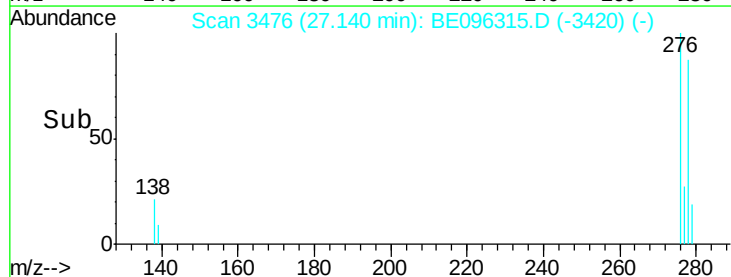
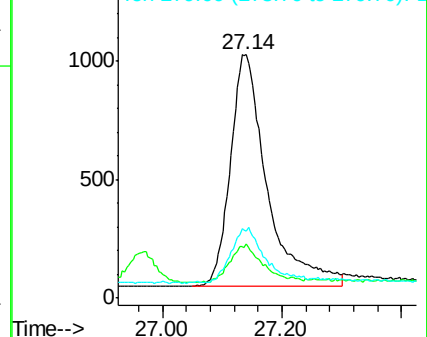
279 27.7 20.0 30.0

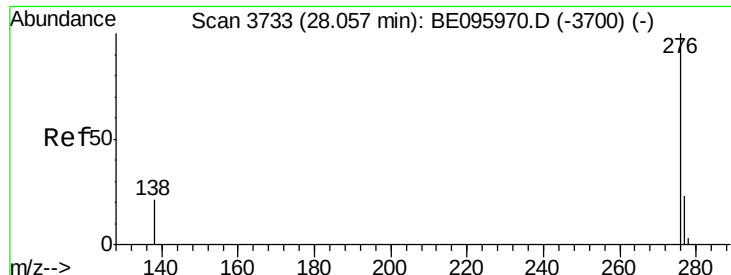


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.377 ng

RT: 27.99 min Scan# 3713

Delta R.T. -0.01 min

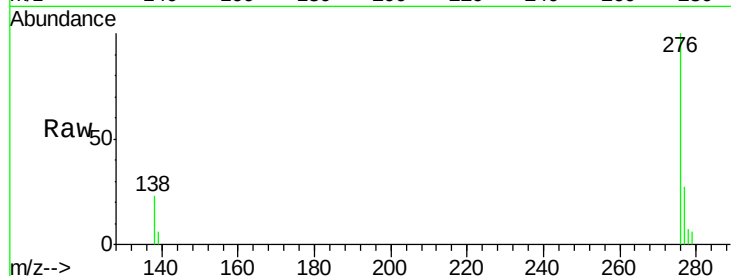
Lab File: BE096315.D

Acq: 3 May 2018 4:03

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	5093
Ion	Ratio	Lower	Upper
276	100		
277	26.6	16.0	24.0#
138	22.5	20.0	30.0

