

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096269.D
 Acq On : 1 May 2018 22:20
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 01:58:38 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	8.36	152	833	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3132	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1797	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4184	0.40	ng	0.00
27) Chrysene-d12	21.75	240	4218	0.40	ng	0.01
34) Perylene-d12	24.35	264	4076	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	984	0.38	ng	0.01
5) Phenol-d6	7.52	99	1423	0.40	ng	0.01
8) Nitrobenzene-d5	9.45	82	127	0.03	ng	-0.09
11) 2-Methylnaphthalene-d10	12.73	152	1893	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	294	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2877	0.37	ng	0.00
25) Fluoranthene-d10	19.64	212	20354	0.36	ng	0.00
29) Terphenyl-d14	20.19	244	3589	0.39	ng	0.00

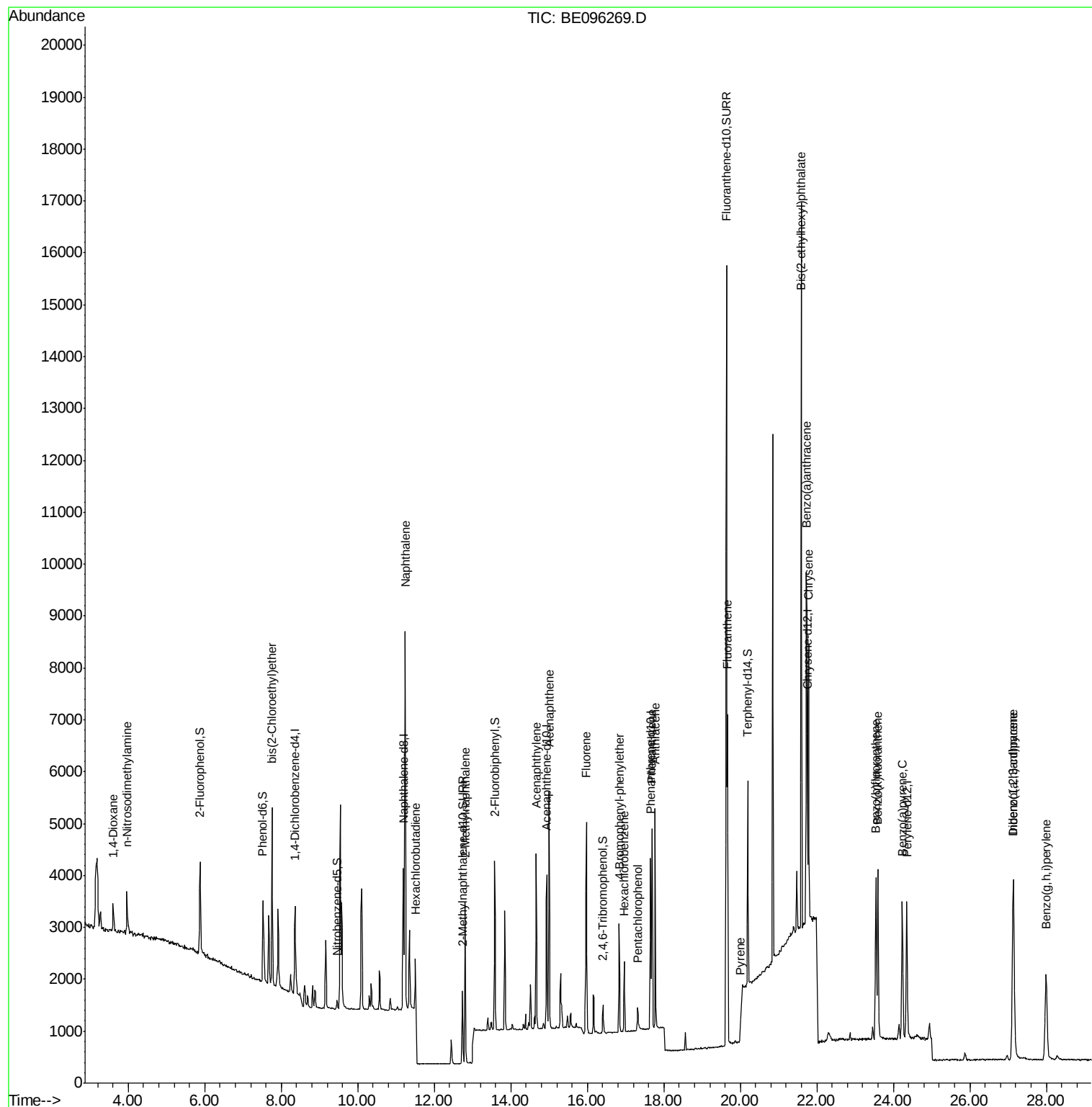
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	440	0.342	ng	94
3) n-Nitrosodimethylamine	3.97	42	684	0.434	ng	# 72
6) bis(2-Chloroethyl)ether	7.76	93	1165	0.372	ng	95
9) Naphthalene	11.24	128	12572	0.381	ng	100
10) Hexachlorobutadiene	11.50	225	435	0.297	ng	95
12) 2-Methylnaphthalene	12.81	142	2113	0.387	ng	97
16) Acenaphthylene	14.67	152	3660	0.381	ng	99
17) Acenaphthene	15.00	154	2136	0.370	ng	93
18) Fluorene	15.97	166	3430	0.481	ng	# 79
20) 4-Bromophenyl-phenylether	16.83	248	952	0.383	ng	# 75
21) Hexachlorobenzene	16.96	284	947	0.382	ng	# 80
22) Pentachlorophenol	17.31	266	303	0.401	ng	# 79
23) Phenanthrene	17.68	178	4487	0.382	ng	98
24) Anthracene	17.78	178	4298	0.383	ng	95
26) Fluoranthene	19.67	202	5631	0.365	ng	98
28) Pyrene	20.00	202	326	0.039	ng	# 80
30) Benzo(a)anthracene	21.73	228	5100	0.377	ng	98
31) Chrysene	21.79	228	5191	0.397	ng	97
32) Bis(2-ethylhexyl)phthalate	21.59	149	15441	0.442	ng	100
33) Indeno(1,2,3-cd)pyrene	27.13	276	5194	0.410	ng	95
35) Benzo(b)fluoranthene	23.54	252	4800	0.393	ng	# 94
36) Benzo(k)fluoranthene	23.60	252	4764	0.379	ng	# 86
37) Benzo(a)pyrene	24.23	252	4507	0.383	ng	# 89
38) Dibenzo(a,h)anthracene	27.14	278	4241	0.409	ng	92
39) Benzo(g,h,i)perylene	28.00	276	4332	0.395	ng	# 92

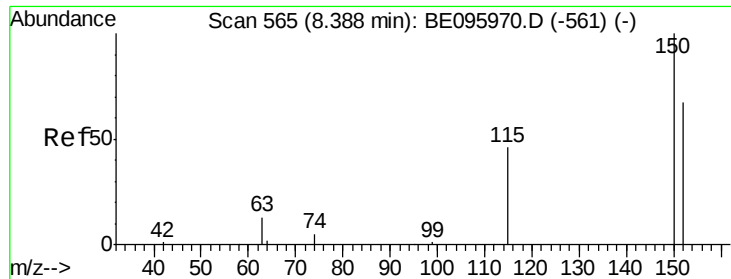
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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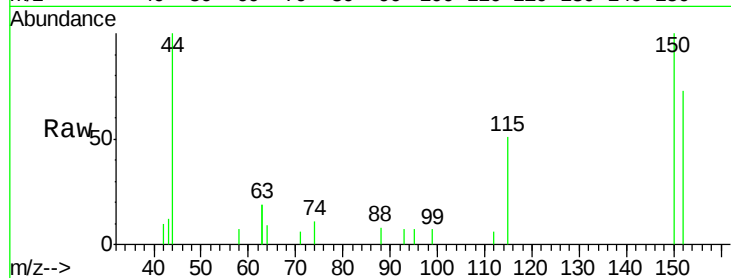


#1

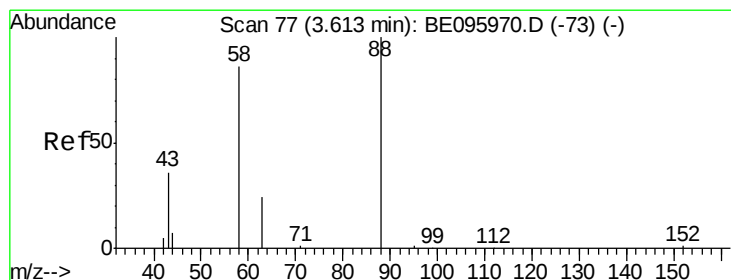
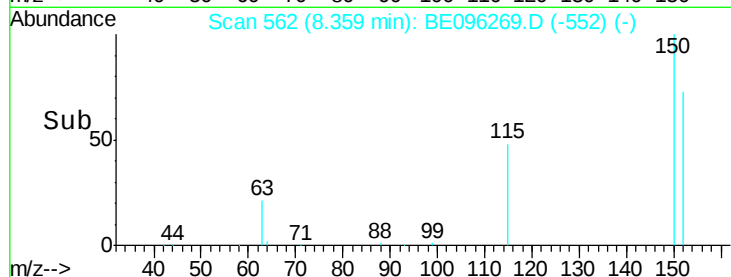
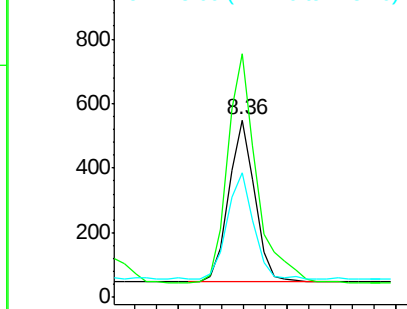
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096269.D
Acq: 1 May 2018 22:20

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 833
Ion Ratio Lower Upper
152 100
150 137.1 117.2 175.8
115 69.8 57.0 85.6



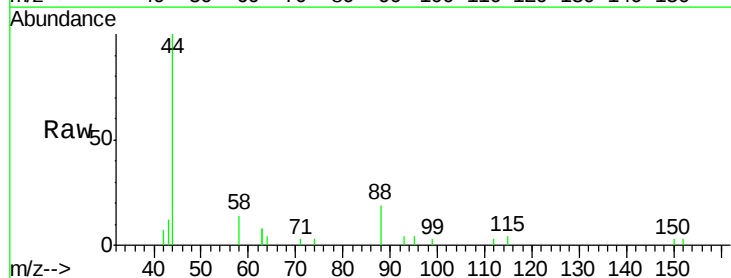
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



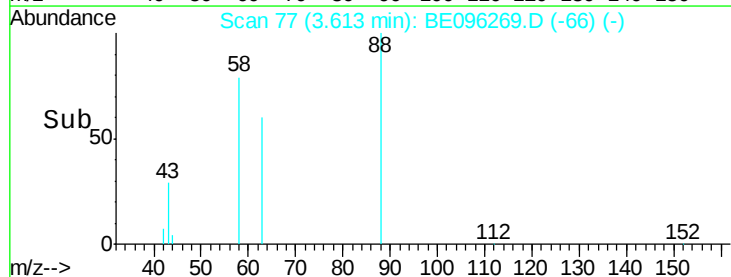
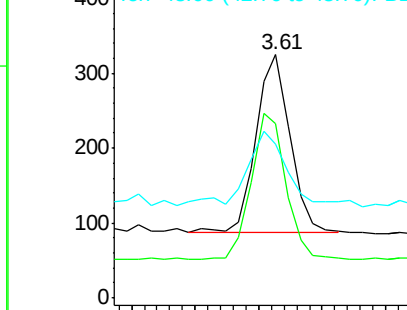
#2

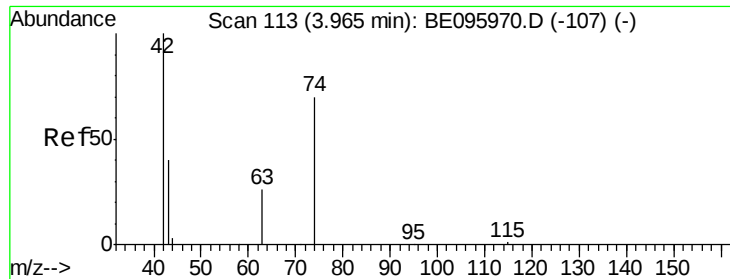
1,4-Dioxane
Concen: 0.342 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.01 min
Lab File: BE096269.D
Acq: 1 May 2018 22:20

Tgt Ion: 88 Resp: 440
Ion Ratio Lower Upper
88 100
58 85.2 63.2 94.8
43 47.7 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



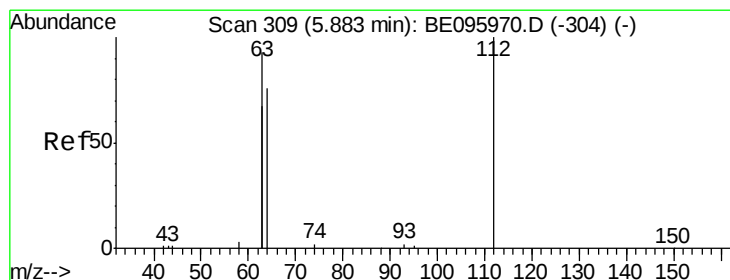
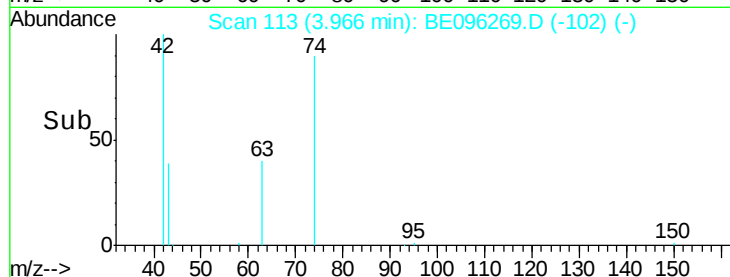
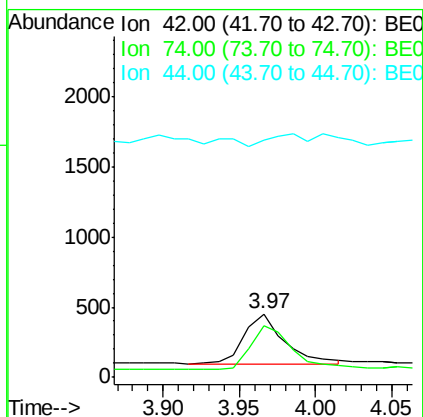
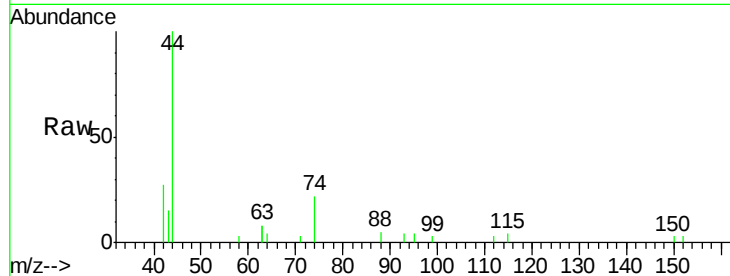


#3

n-Nitrosodimethylamine
 Concen: 0.434 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.01 min
 Lab File: BE096269.D
 Acq: 1 May 2018 22:20

Instrument :
 BNA_E
 ClientSampleId :

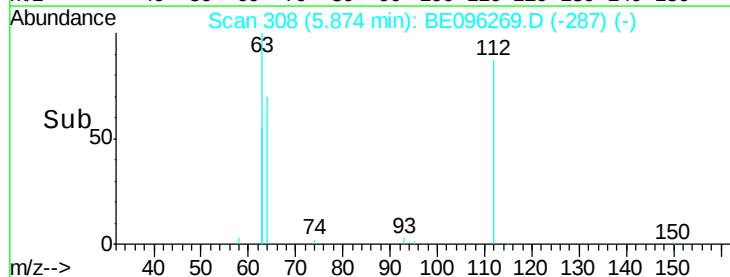
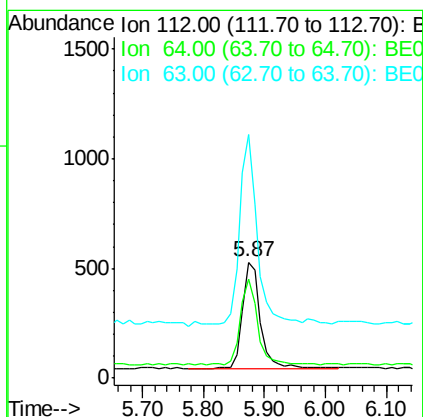
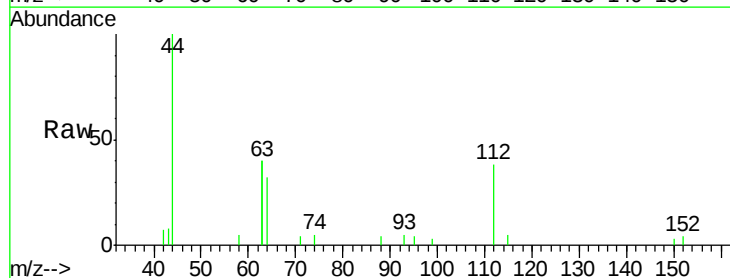
Tot Ion: 42 Resp: 684
 Ion Ratio Lower Upper
 42 100
 74 86.4 96.0 144.0#
 44 20.6 12.0 18.0#

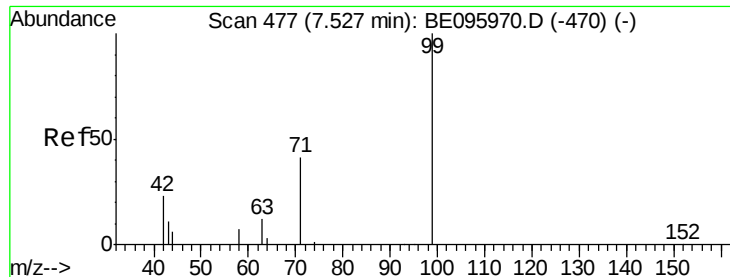


#4

2-Fluorophenol
 Concen: 0.382 ng
 RT: 5.87 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096269.D
 Acq: 1 May 2018 22:20

Tgt Ion: 112 Resp: 984
 Ion Ratio Lower Upper
 112 100
 64 76.3 60.1 90.1
 63 173.3 116.8 175.2





#5

Phenol-d6

Concen: 0.400 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampled :

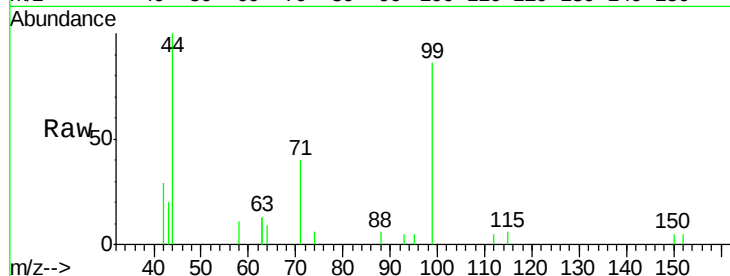
Tot Ion: 99 Resp: 1423

Ion Ratio Lower Upper

99 100

42 28.0 20.2 30.2

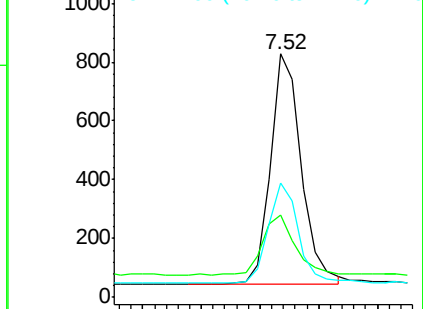
71 43.1 28.4 42.6#



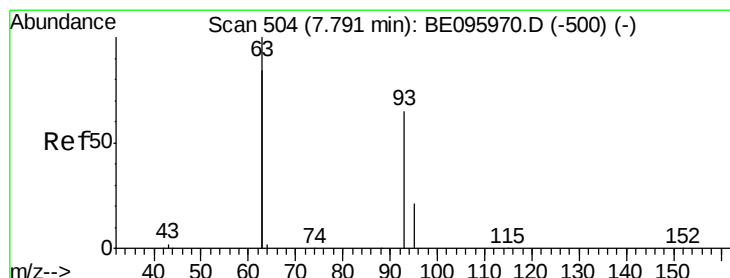
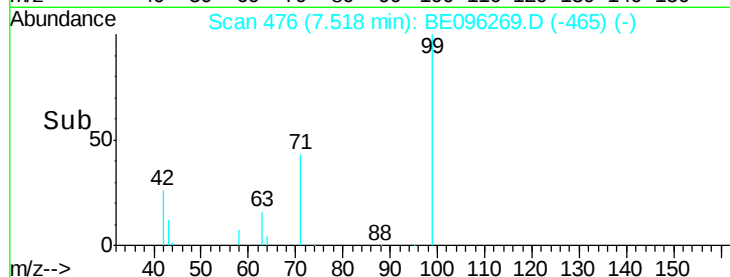
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.372 ng

RT: 7.76 min Scan# 501

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

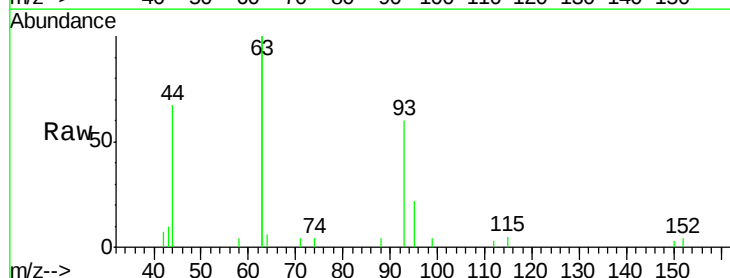
Tgt Ion: 93 Resp: 1165

Ion Ratio Lower Upper

93 100

63 332.2 275.3 412.9

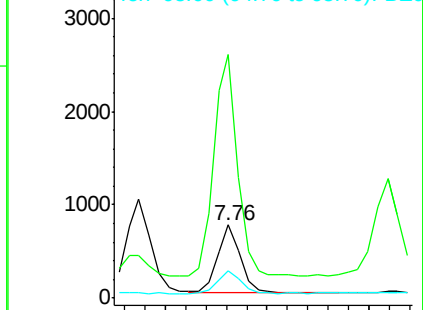
95 32.5 25.2 37.8



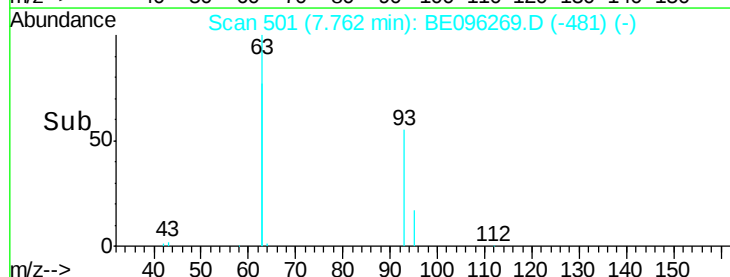
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3132

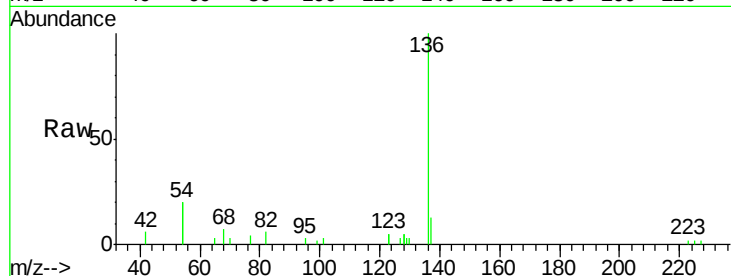
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 39.1 29.1 43.7

68 7.4 6.2 9.2

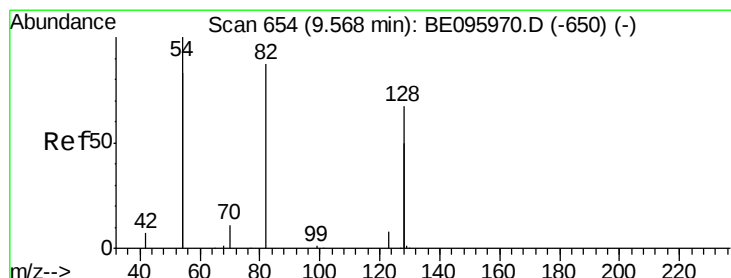
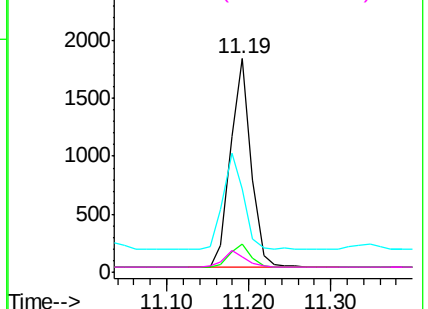
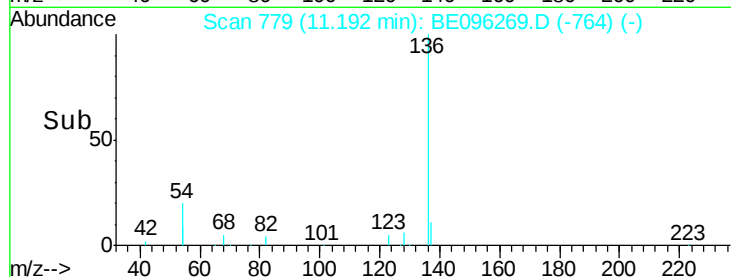


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.035 ng

RT: 9.45 min Scan# 645

Delta R.T. -0.09 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

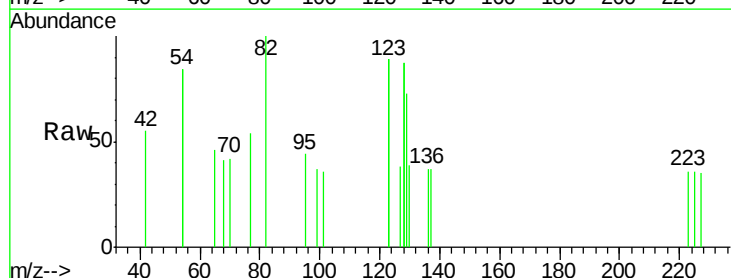
Tgt Ion: 82 Resp: 127

Ion Ratio Lower Upper

82 100

128 174.0 150.0 225.0

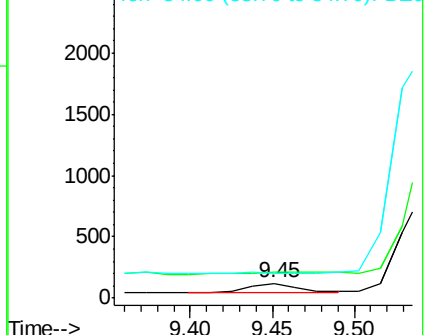
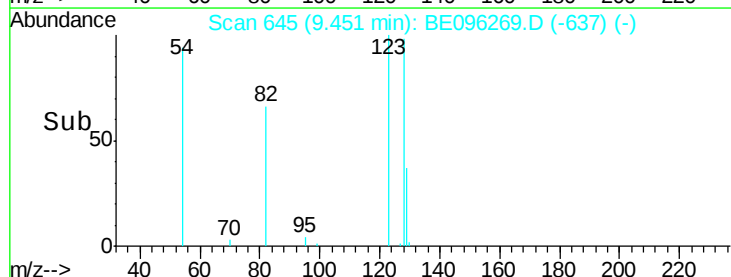
54 167.5 154.2 231.4

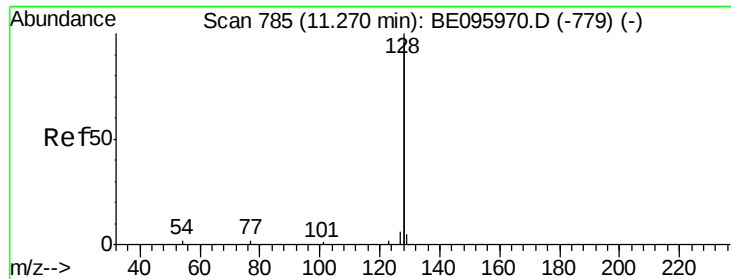


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.381 ng

RT: 11.24 min Scan# 783

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampleId :

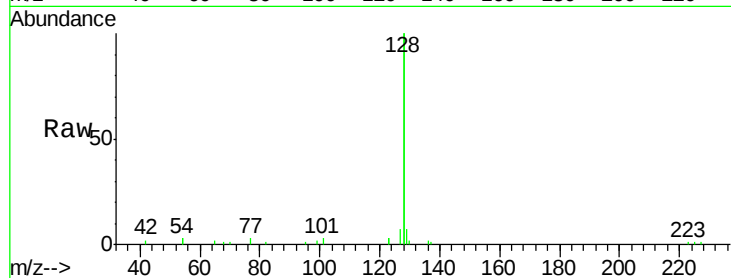
Tot Ion:128 Resp: 12572

Ion Ratio Lower Upper

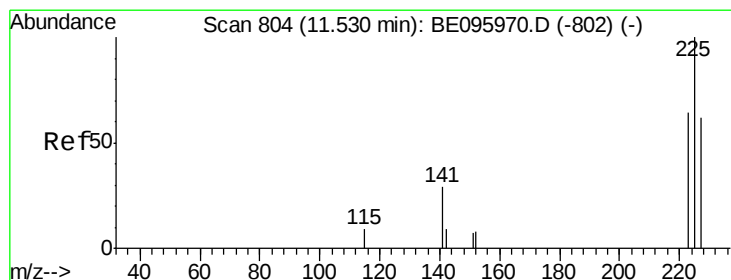
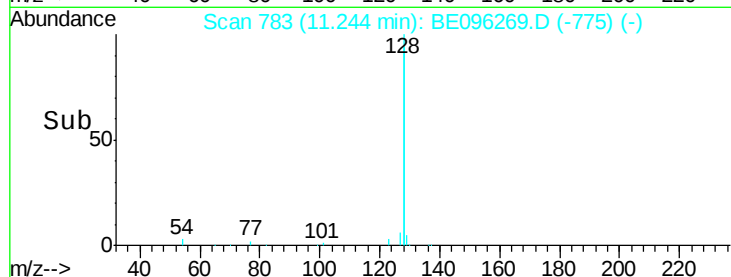
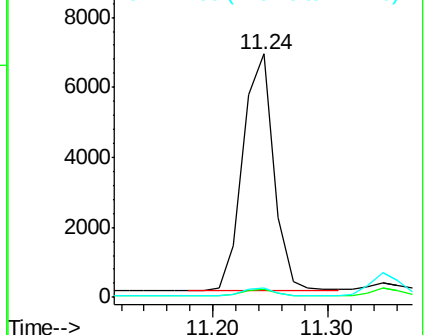
128 100

129 3.3 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: 0.297 ng

RT: 11.50 min Scan# 803

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

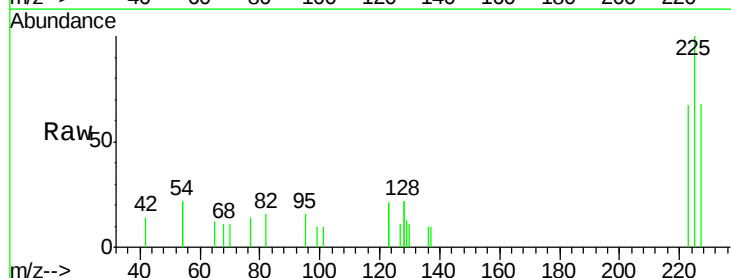
Tgt Ion:225 Resp: 435

Ion Ratio Lower Upper

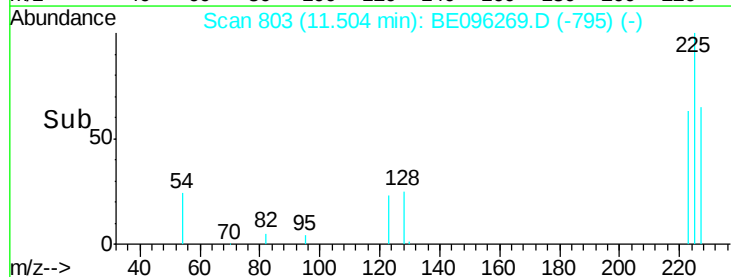
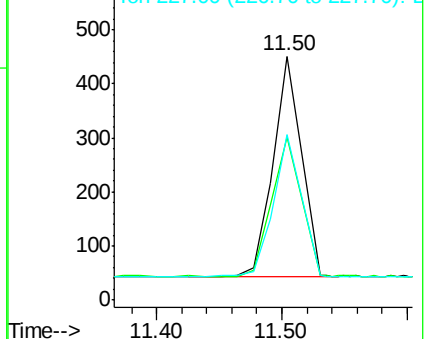
225 100

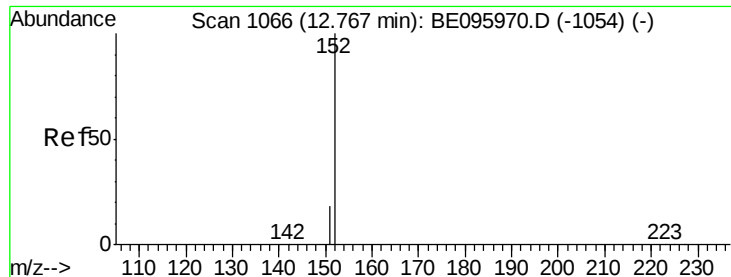
223 70.3 53.0 79.6

227 67.6 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

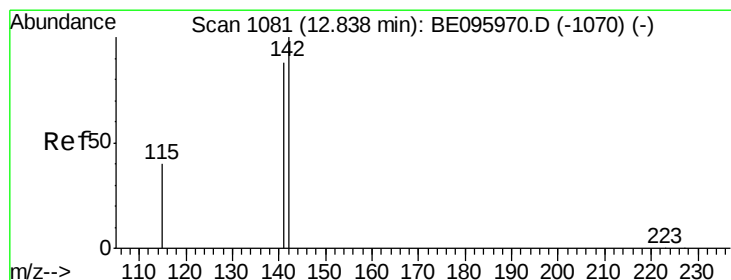
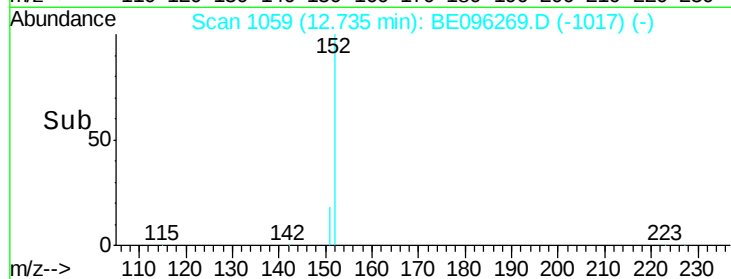
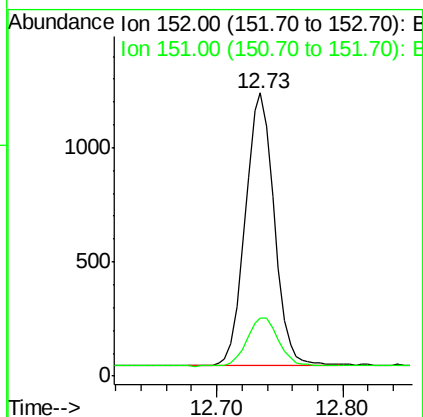
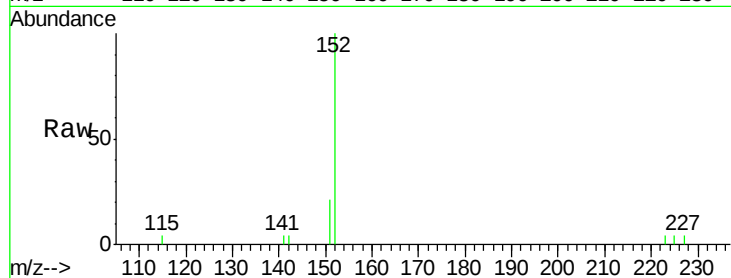




#11
 2-Methylnaphthalene-d10
 Concen: 0.381 ng
 RT: 12.73 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BE096269.D
 Acq: 1 May 2018 22:20

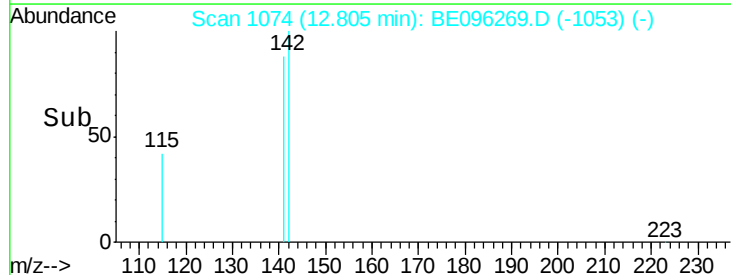
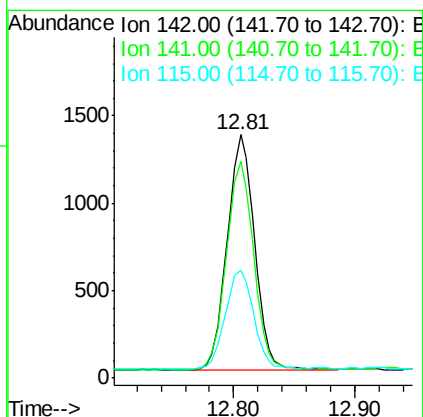
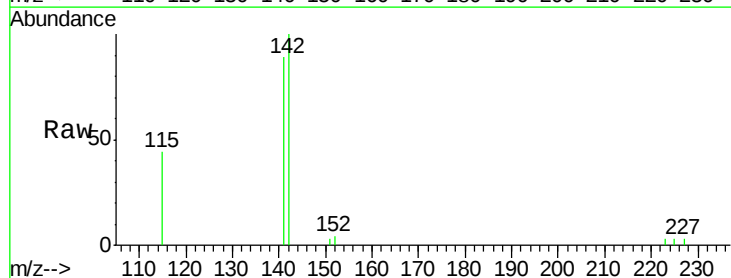
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1893
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.387 ng
 RT: 12.81 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BE096269.D
 Acq: 1 May 2018 22:20

Tgt Ion:142 Resp: 2113
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.4 105.6
 115 44.2 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampleId :

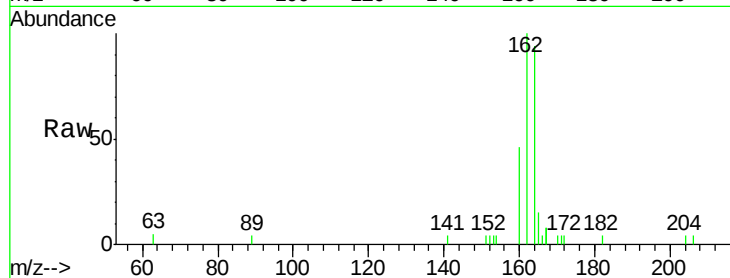
Tot Ion:164 Resp: 1797

Ion Ratio Lower Upper

164 100

162 106.8 83.1 124.7

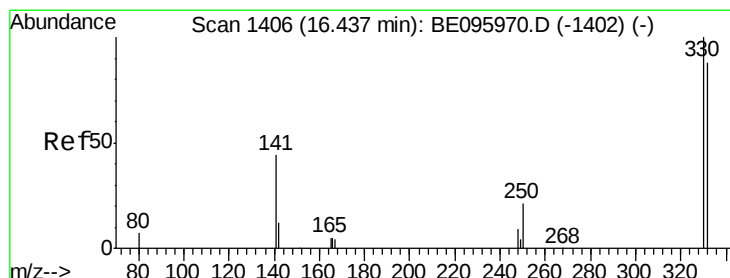
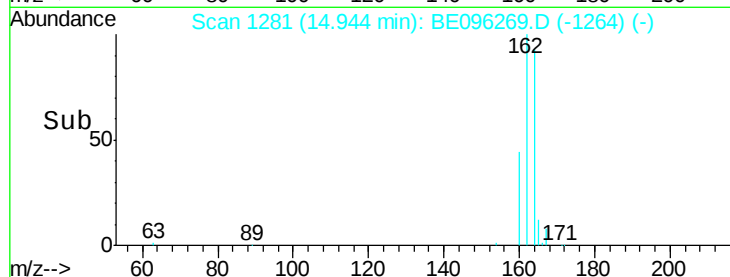
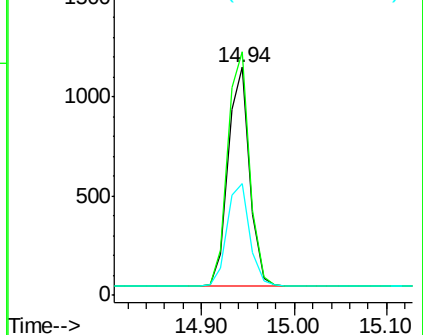
160 49.0 37.1 55.7



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: 0.339 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

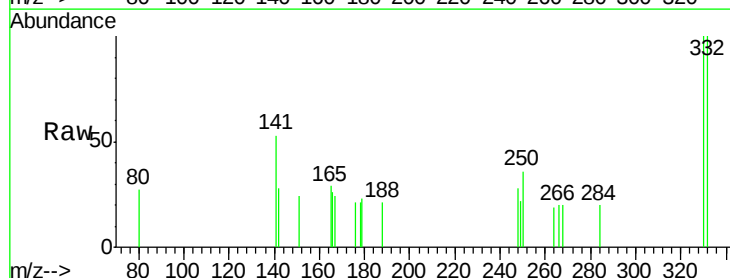
Tgt Ion:330 Resp: 294

Ion Ratio Lower Upper

330 100

332 100.0 152.7 229.1#

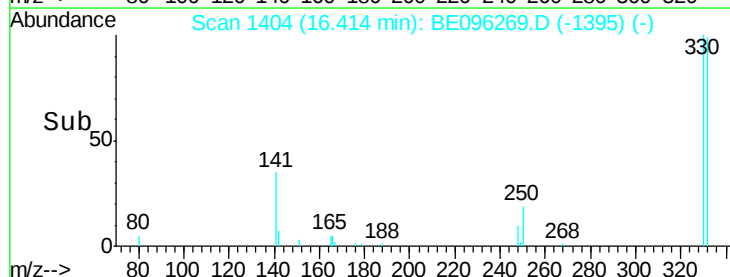
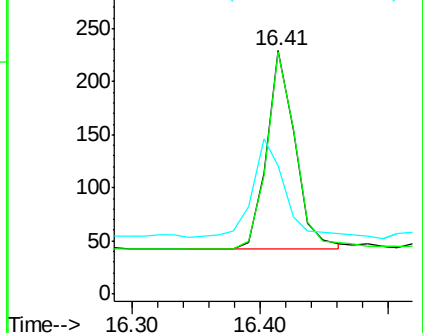
141 56.1 33.7 50.5#

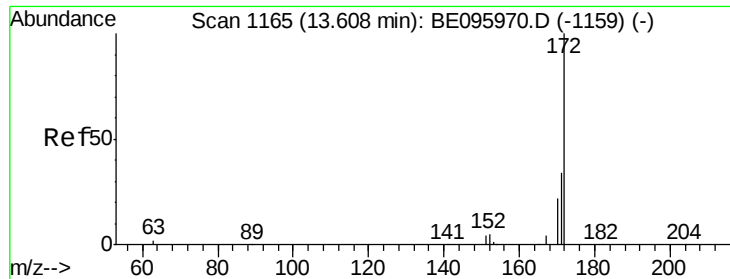


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

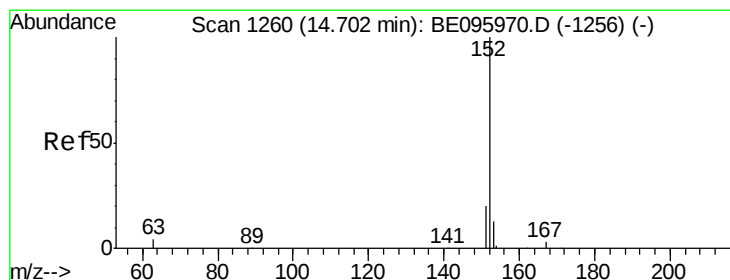
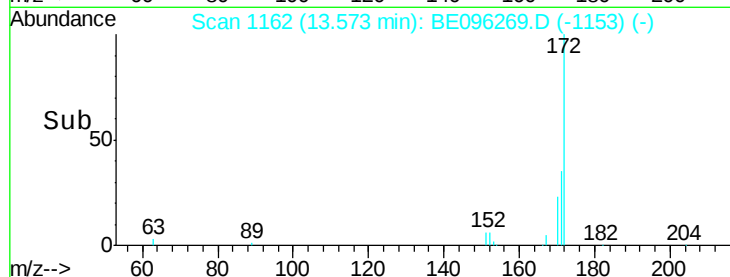
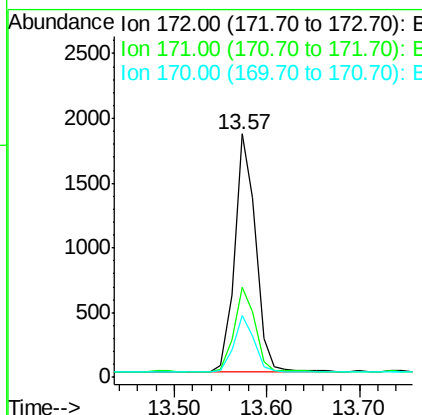
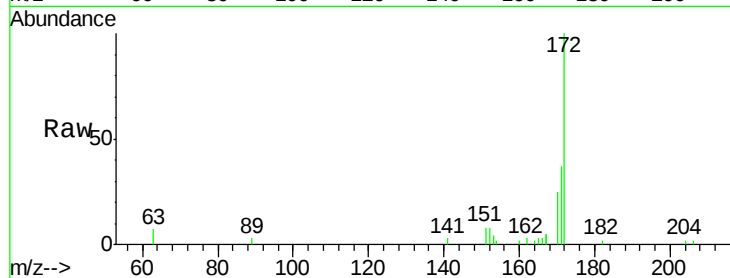




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE096269.D
Acq: 1 May 2018 22:20

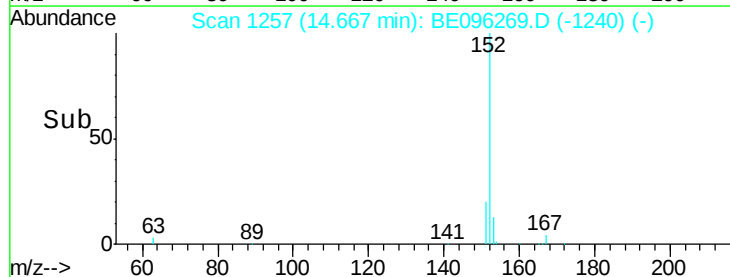
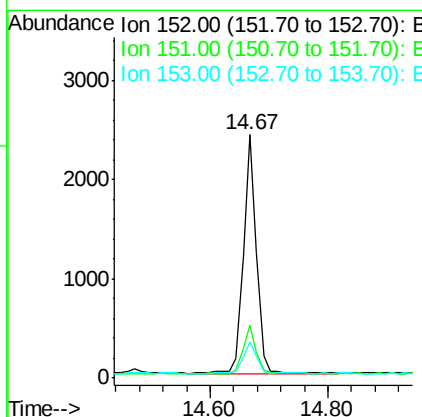
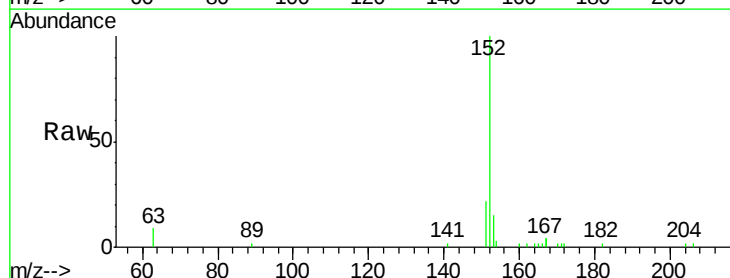
Instrument :
BNA_E
ClientSampleId :

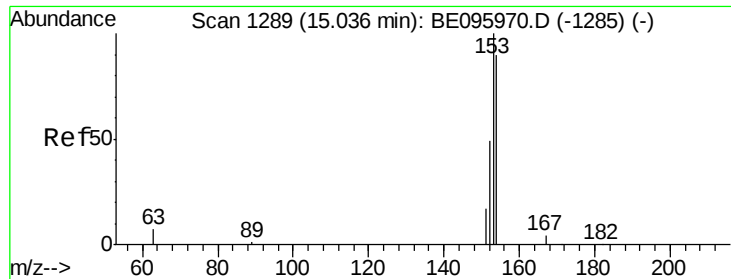
Tot Ion:172 Resp: 2877
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 25.3 21.8 32.8



#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.67 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BE096269.D
Acq: 1 May 2018 22:20

Tgt Ion:152 Resp: 3660
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.6 10.5 15.7





#17

Acenaphthene

Concen: 0.370 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampleId :

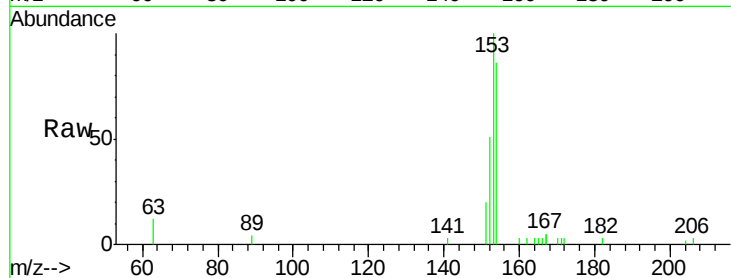
Tot Ion:154 Resp: 2136

Ion Ratio Lower Upper

154 100

153 117.3 89.2 133.8

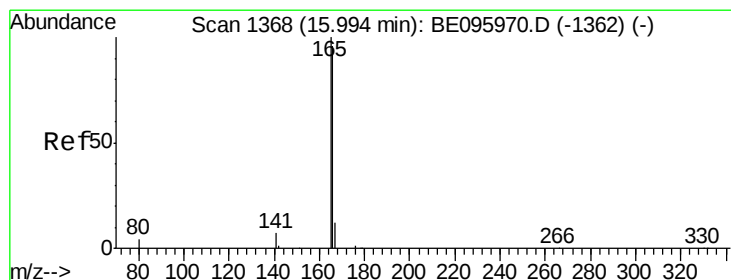
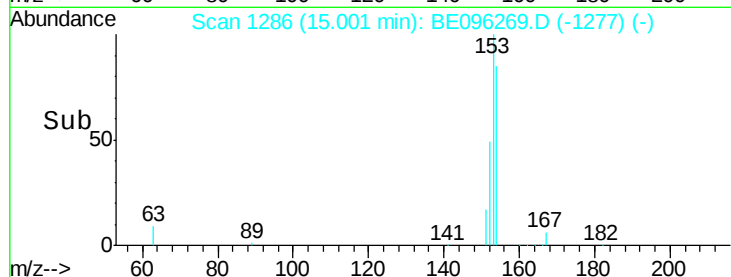
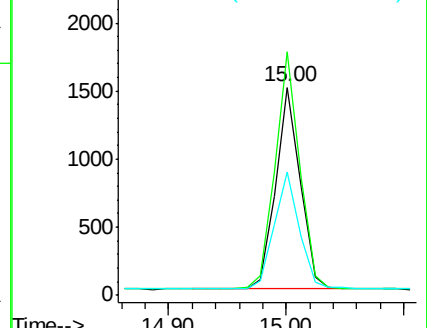
152 58.9 42.0 63.0



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: 0.481 ng

RT: 15.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

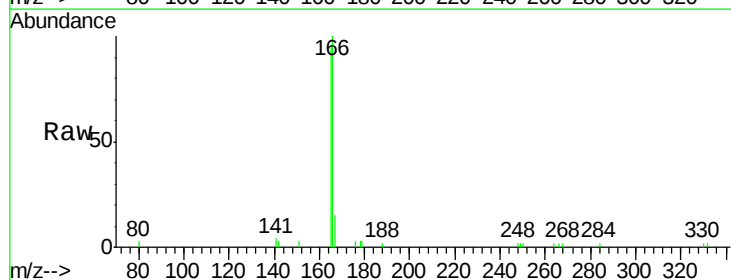
Tgt Ion:166 Resp: 3430

Ion Ratio Lower Upper

166 100

165 96.8 77.8 116.6

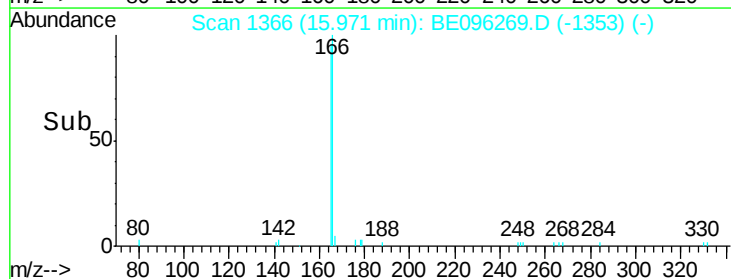
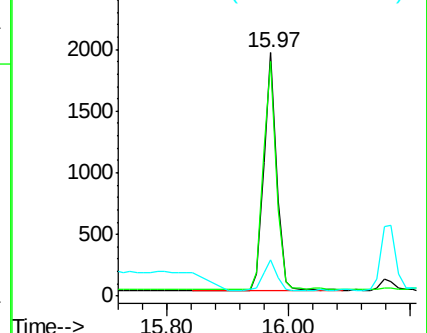
167 11.0 42.4 63.6#



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: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampleId :

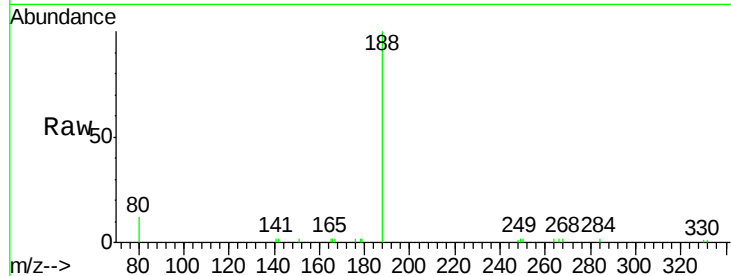
Tot Ion:188 Resp: 4184

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

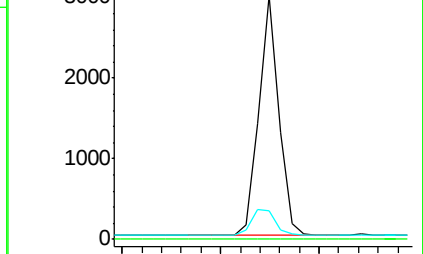
80 11.6 3.6 5.4#



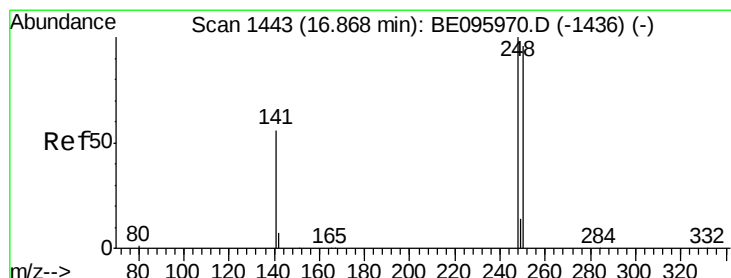
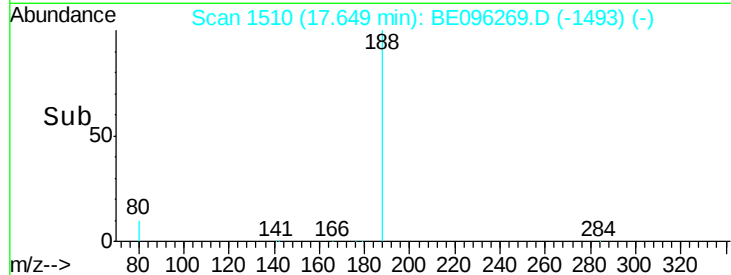
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time--> 17.50 17.60 17.70



#20

4-Bromophenyl-phenylether

Concen: 0.383 ng

RT: 16.83 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

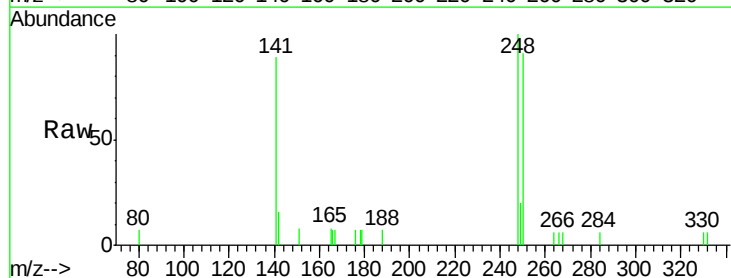
Tgt Ion:248 Resp: 952

Ion Ratio Lower Upper

248 100

250 91.4 62.7 94.1

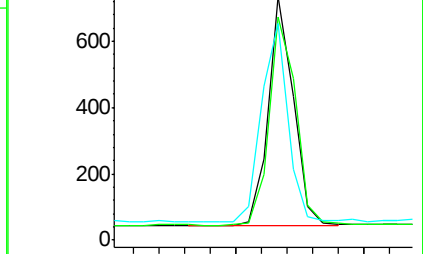
141 89.1 48.2 72.2#



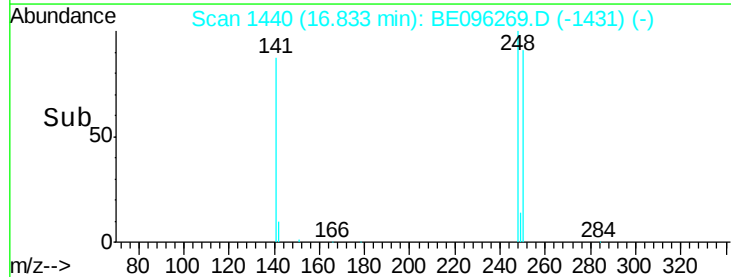
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.80 16.90





#21

Hexachlorobenzene

Concen: 0.382 ng

RT: 16.96 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampled :

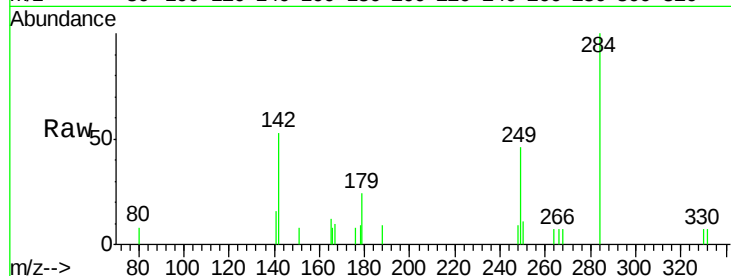
Tot Ion:284 Resp: 947

Ion Ratio Lower Upper

284 100

142 46.9 22.1 33.1#

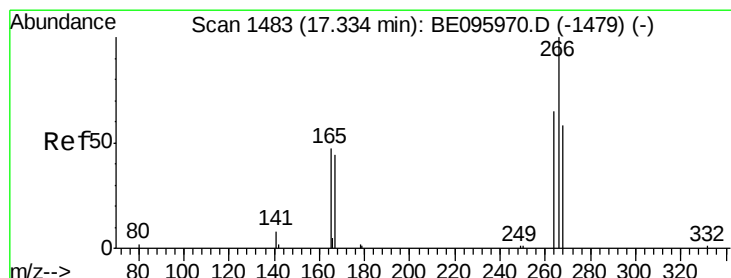
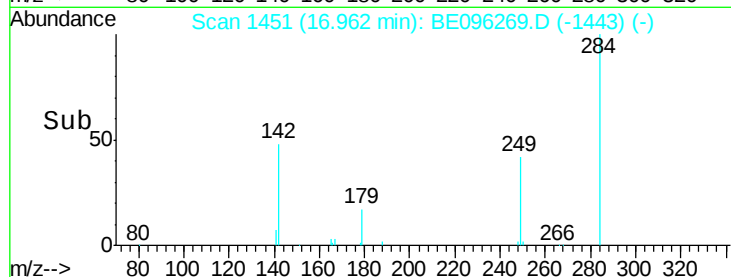
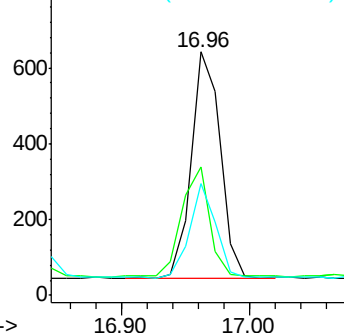
249 37.4 34.8 52.2



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: 0.401 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

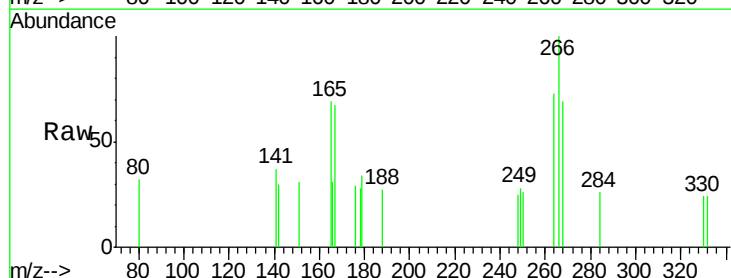
Tgt Ion:266 Resp: 303

Ion Ratio Lower Upper

266 100

264 73.2 72.5 108.7

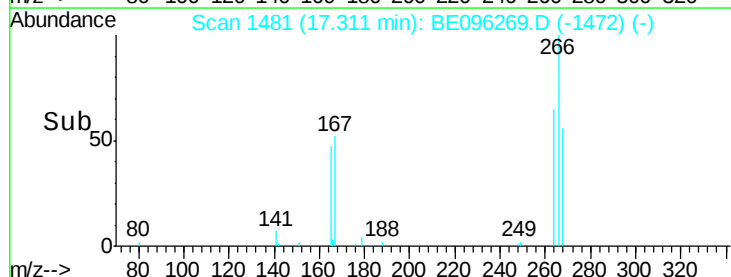
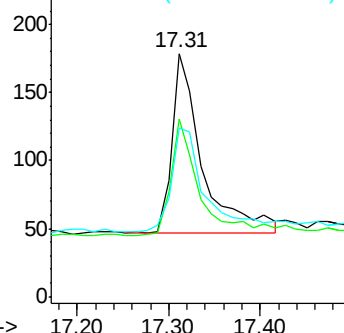
268 69.3 73.8 110.6#

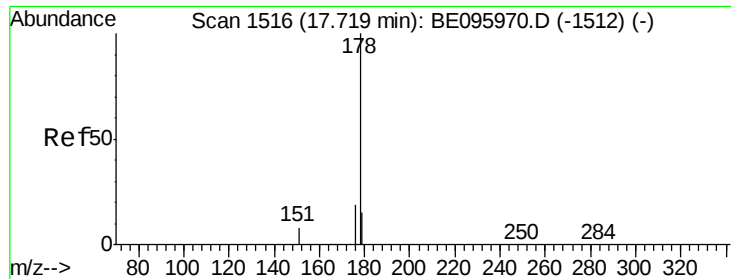


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.382 ng

RT: 17.68 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampleId :

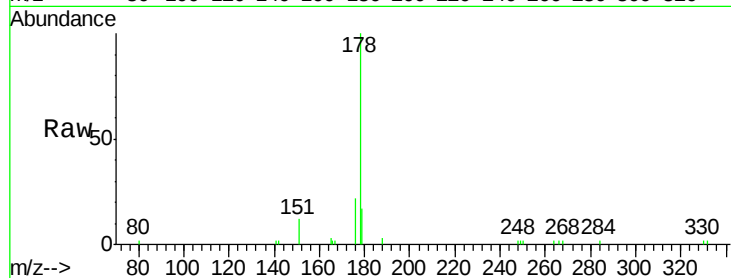
Tot Ion:178 Resp: 4487

Ion Ratio Lower Upper

178 100

176 20.5 15.1 22.7

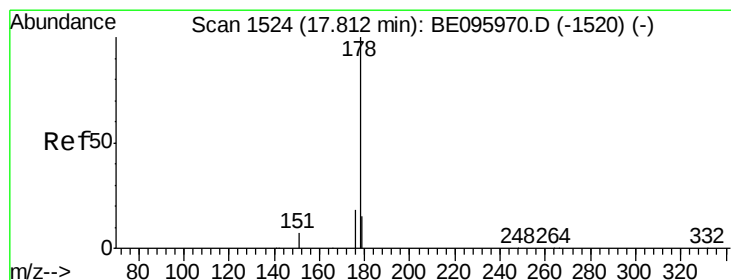
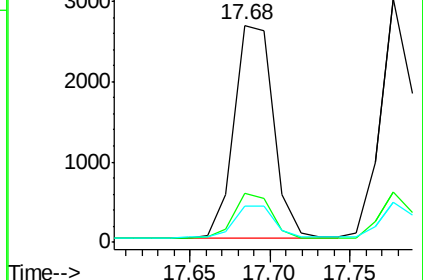
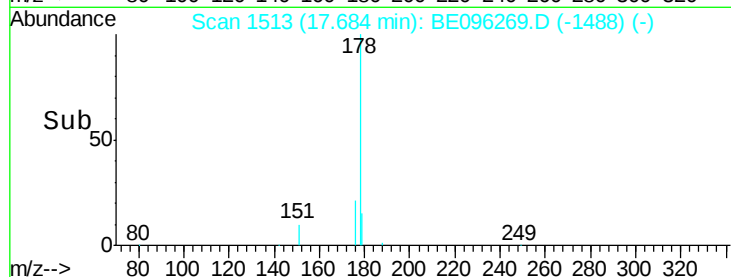
179 15.0 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.383 ng

RT: 17.78 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

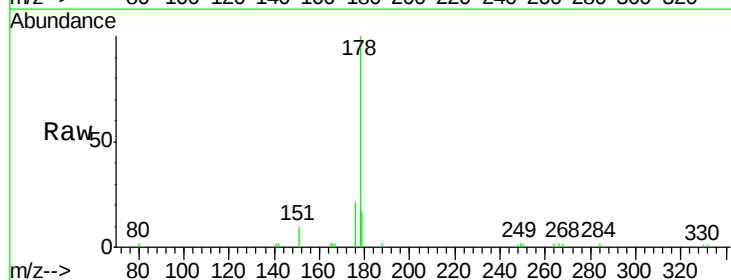
Tgt Ion:178 Resp: 4298

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

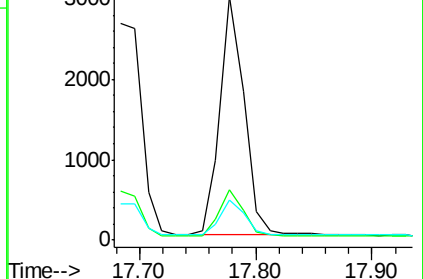
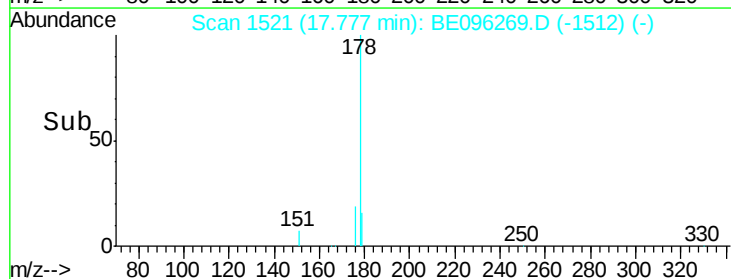
179 15.0 13.0 19.6

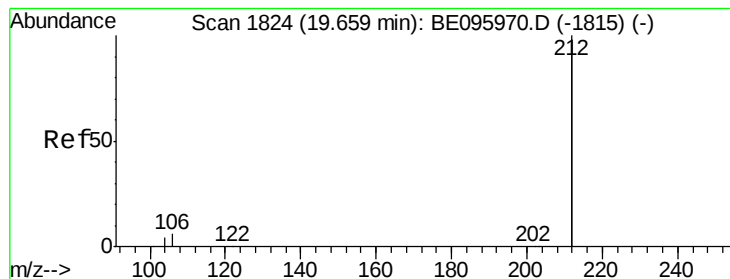


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampleId :

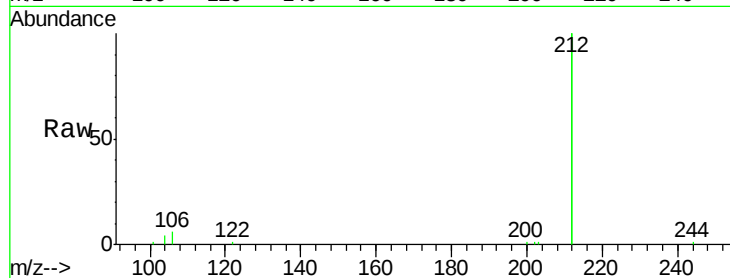
Tot Ion:212 Resp: 20354

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

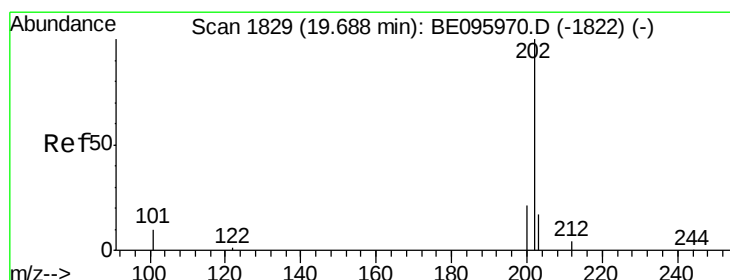
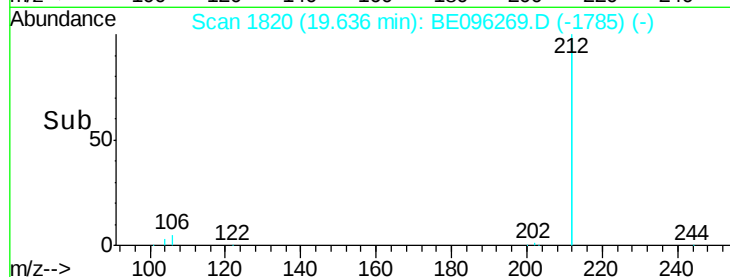
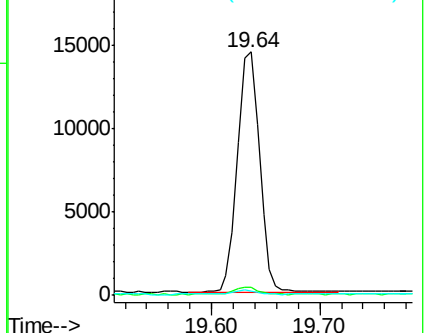
104 1.7 1.6 2.4



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: 0.365 ng

RT: 19.67 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

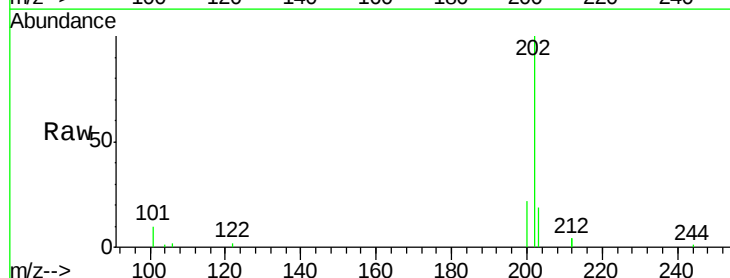
Tgt Ion:202 Resp: 5631

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

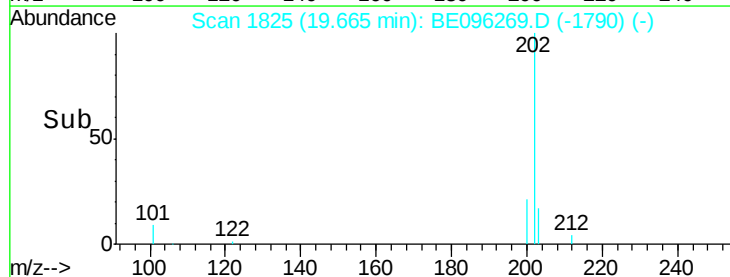
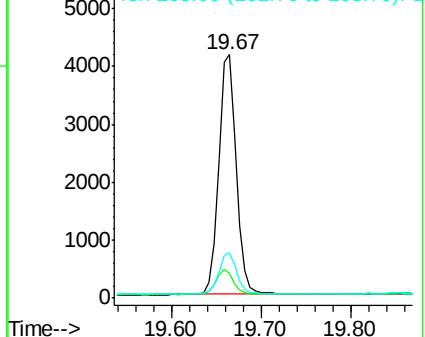
203 17.3 13.7 20.5



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: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampleId :

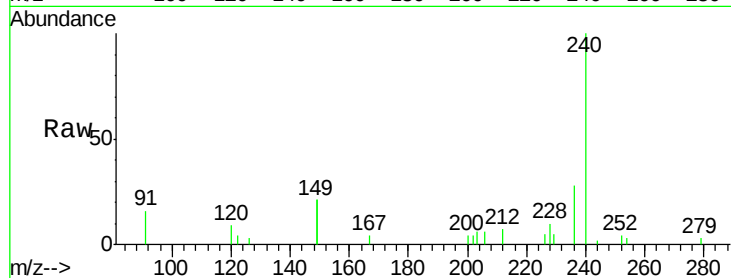
Tot Ion:240 Resp: 4218

Ion Ratio Lower Upper

240 100

120 8.6 5.5 8.3#

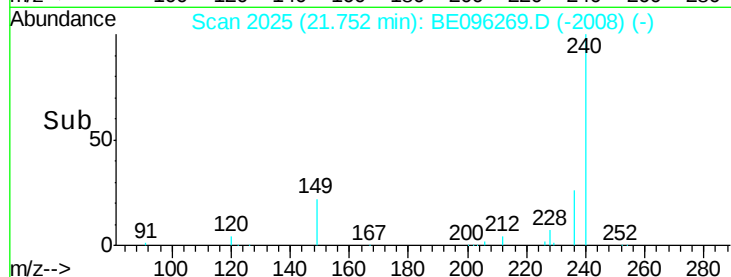
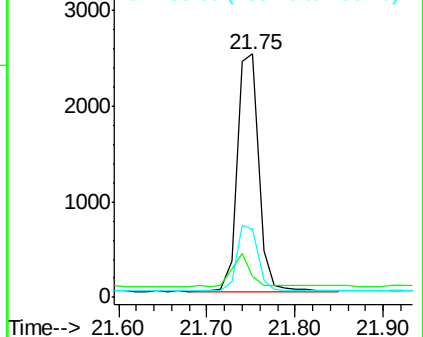
236 28.2 20.7 31.1



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: 0.039 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

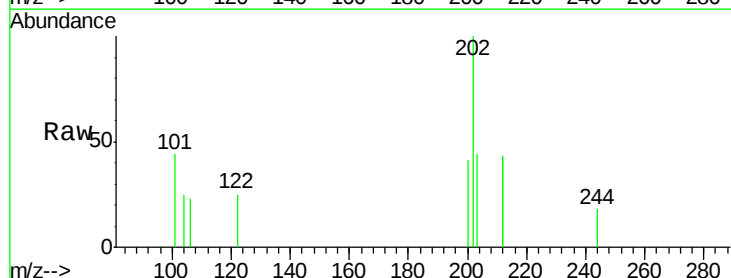
Tgt Ion:202 Resp: 326

Ion Ratio Lower Upper

202 100

200 27.9 16.6 25.0#

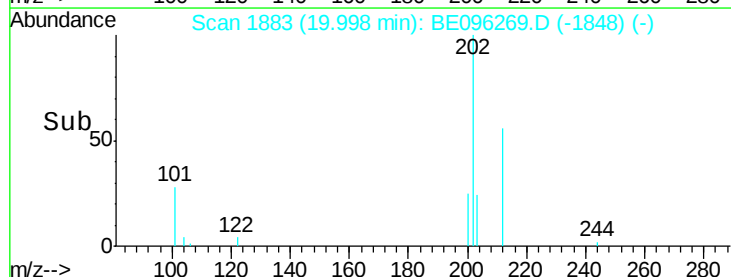
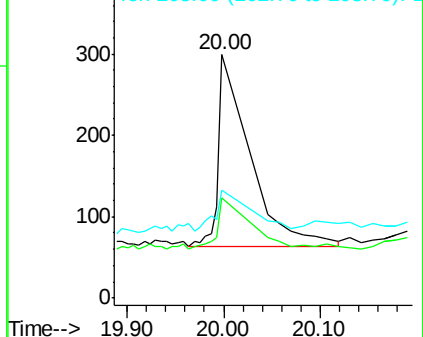
203 28.5 13.8 20.8#



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: 0.385 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampleId :

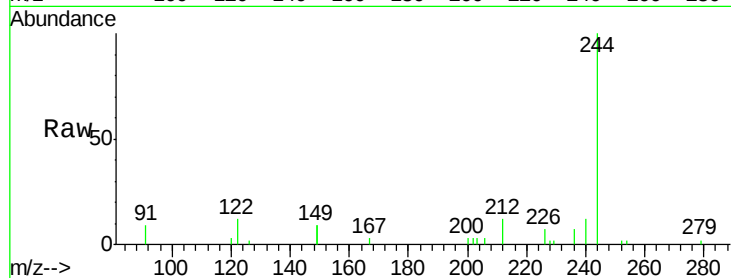
Tot Ion:244 Resp: 3589

Ion Ratio Lower Upper

244 100

212 12.4 25.4 38.0#

122 11.8 8.1 12.1



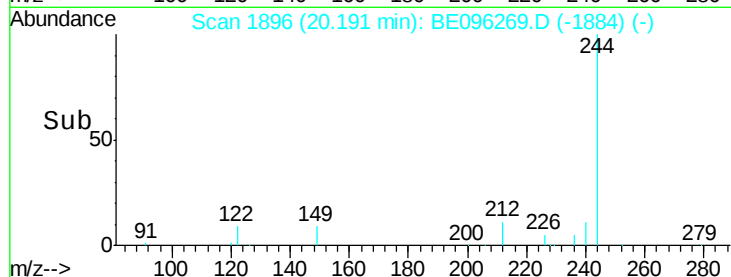
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

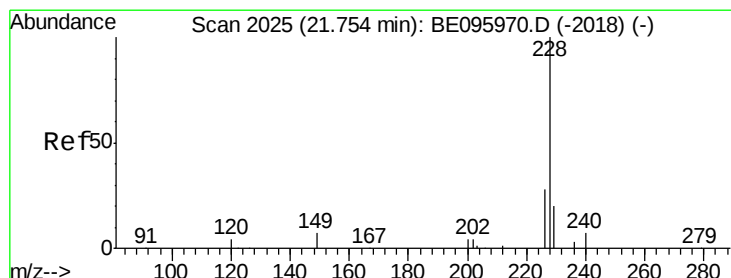
Ion 122.00 (121.70 to 122.70): E

20.19

20.10 20.20 20.30



Time-->



#30

Benzo(a)anthracene

Concen: 0.377 ng

RT: 21.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

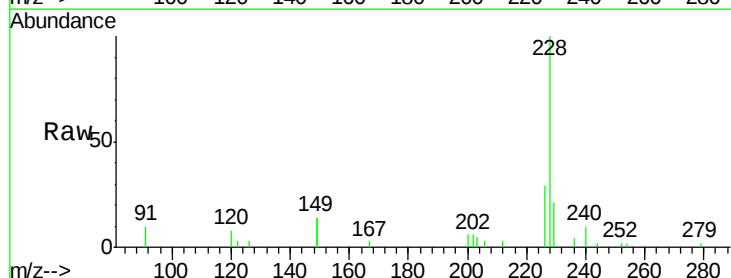
Tgt Ion:228 Resp: 5100

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

229 21.2 16.0 24.0



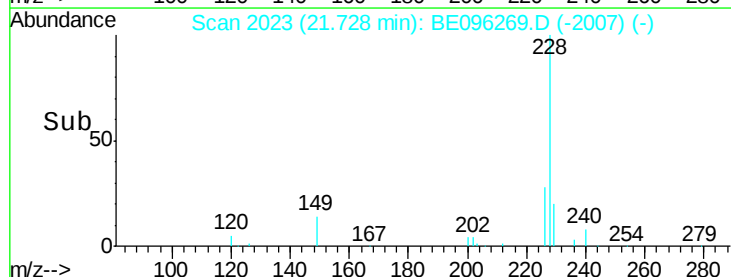
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.73

Time-->





#31

Chrysene

Concen: 0.397 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampled :

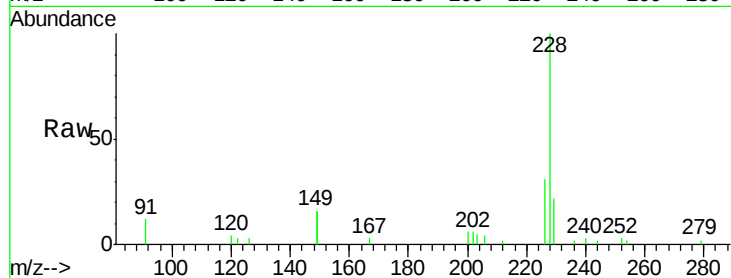
Tot Ion:228 Resp: 5191

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

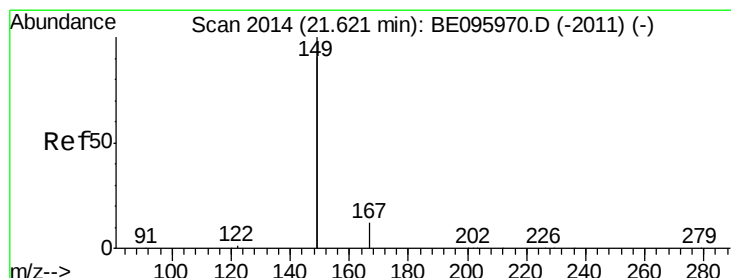
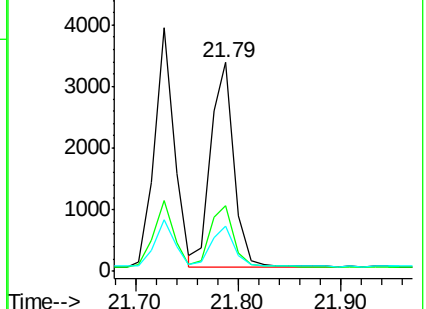
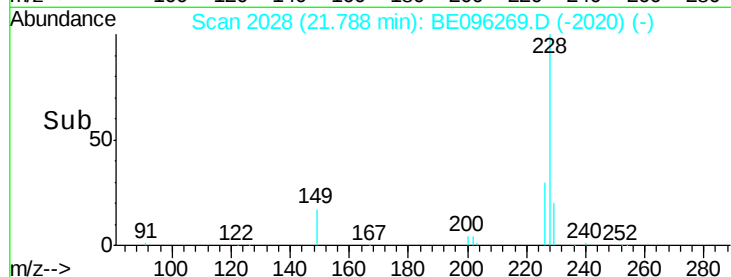
229 21.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.442 ng

RT: 21.59 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

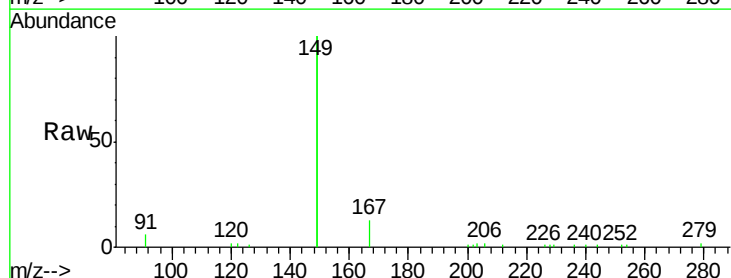
Tgt Ion:149 Resp: 15441

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

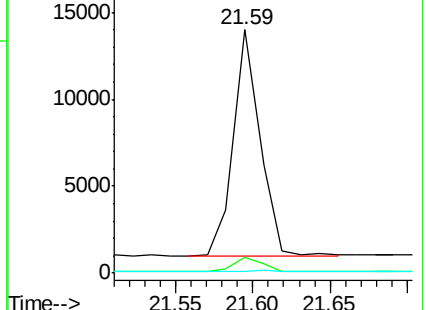
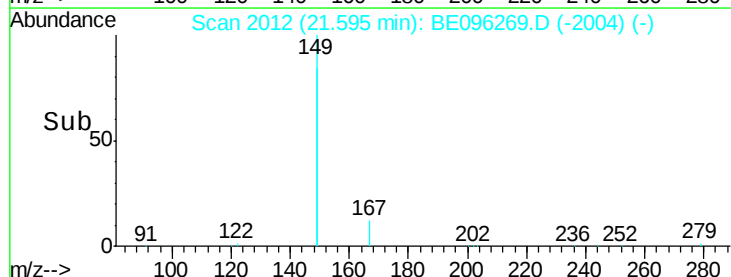
279 0.8 0.7 1.1



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

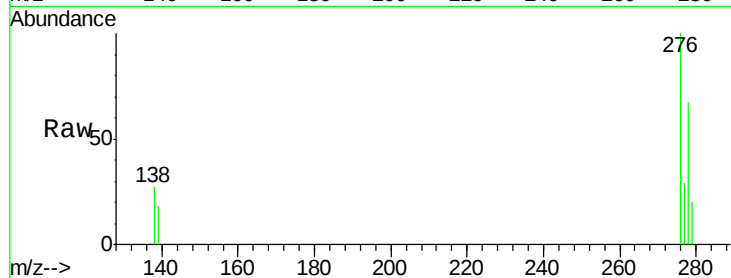




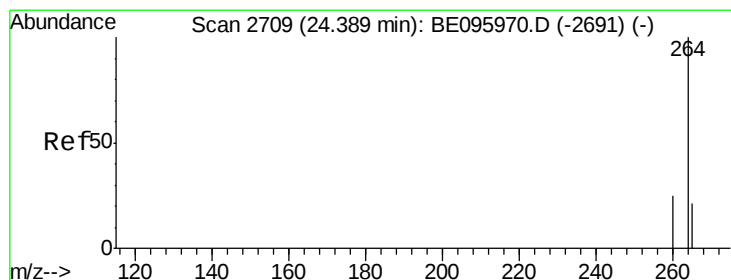
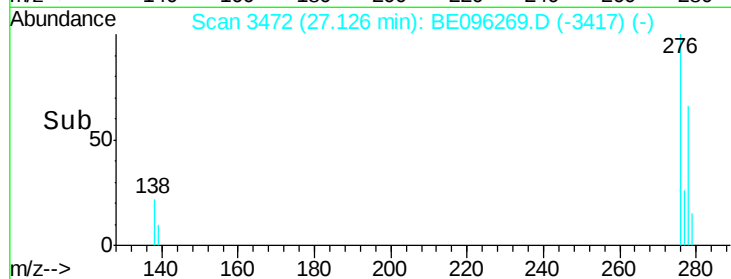
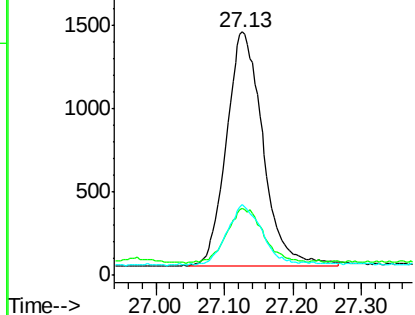
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 27.13 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BE096269.D
Acq: 1 May 2018 22:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 5194
Ion Ratio Lower Upper
276 100
138 23.5 22.5 33.7
277 24.1 19.9 29.9

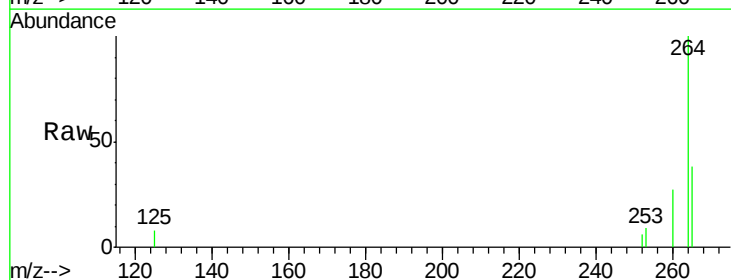


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

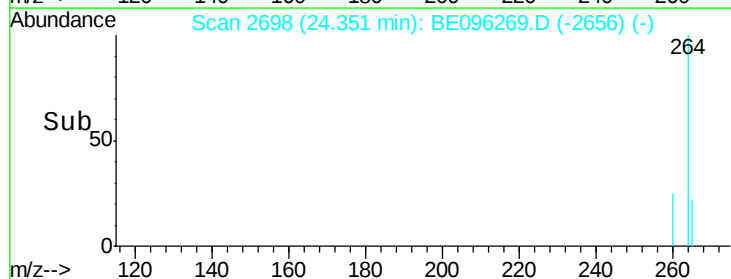
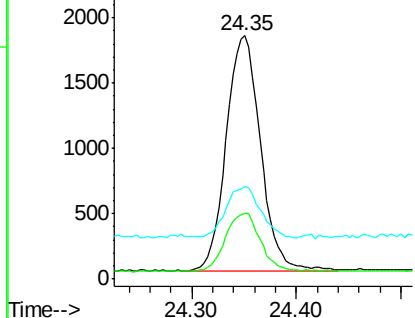


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE096269.D
Acq: 1 May 2018 22:20

Tgt Ion:264 Resp: 4076
Ion Ratio Lower Upper
264 100
260 27.1 20.5 30.7
265 38.2 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

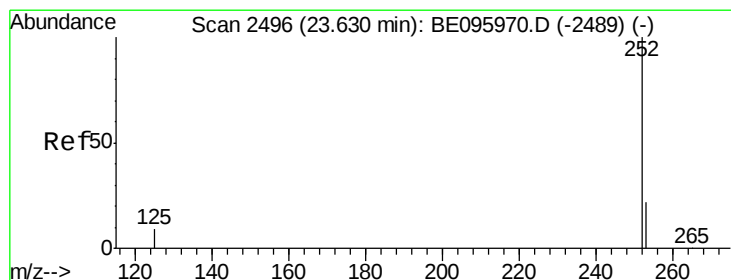
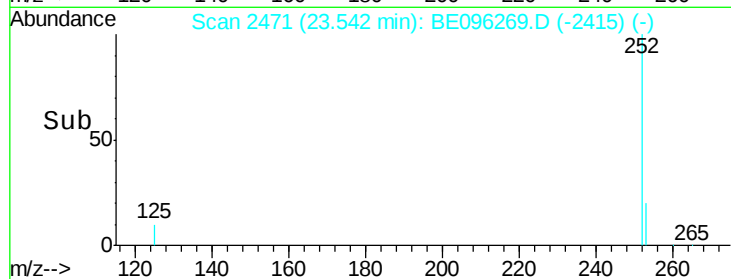
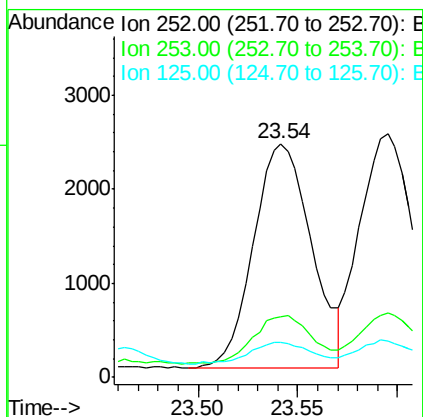
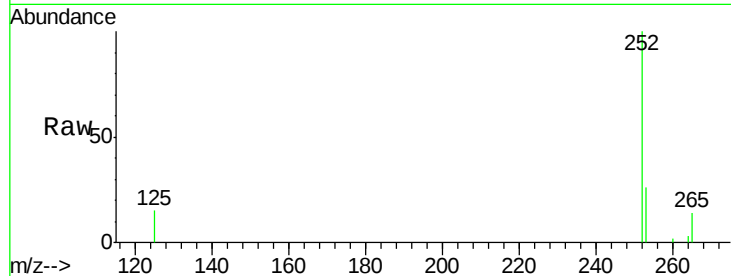




#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BE096269.D
Acq: 1 May 2018 22:20

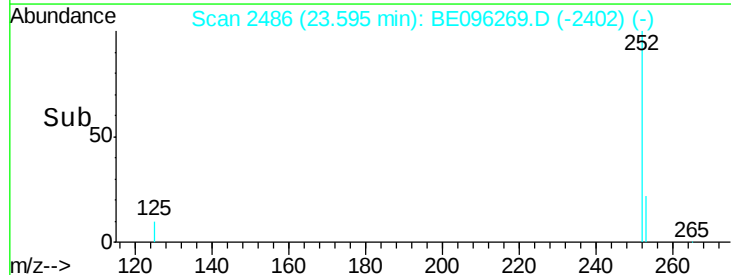
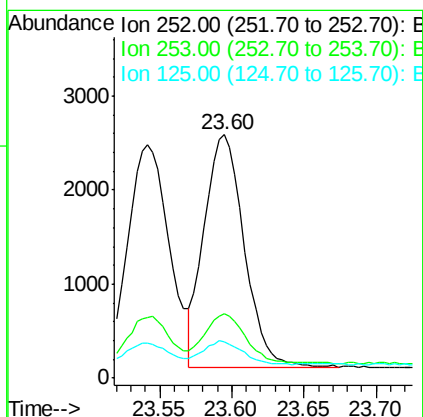
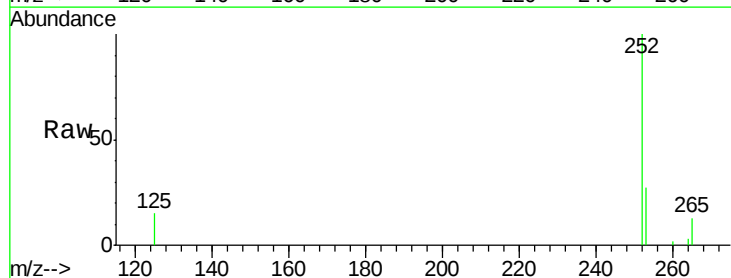
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 4800
Ion Ratio Lower Upper
252 100
253 25.7 20.0 30.0
125 15.1 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.60 min Scan# 2486
Delta R.T. -0.00 min
Lab File: BE096269.D
Acq: 1 May 2018 22:20

Tgt Ion:252 Resp: 4764
Ion Ratio Lower Upper
252 100
253 26.7 16.0 24.0#
125 14.9 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.383 ng

RT: 24.23 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampleId :

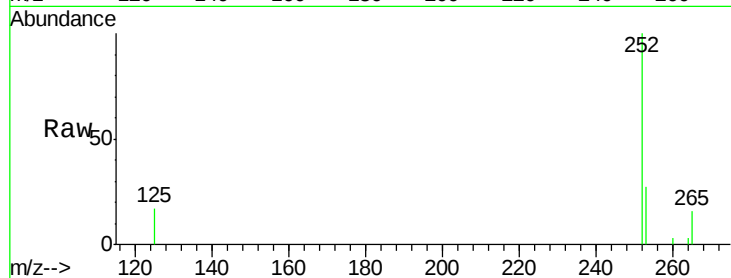
Tot Ion:252 Resp: 4507

Ion Ratio Lower Upper

252 100

253 27.5 16.0 24.0#

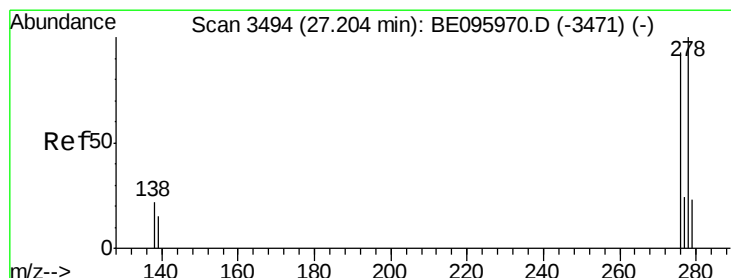
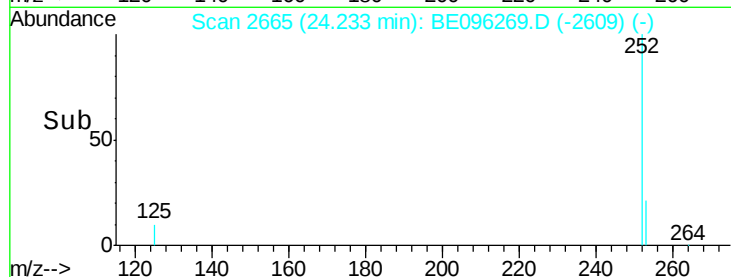
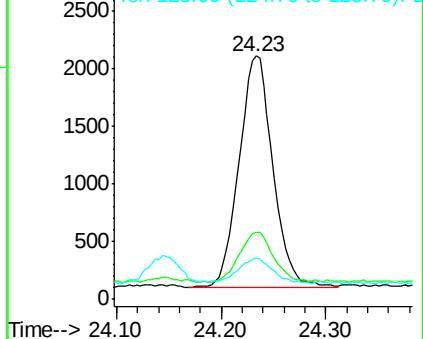
125 16.8 12.0 18.0



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: 0.409 ng

RT: 27.14 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

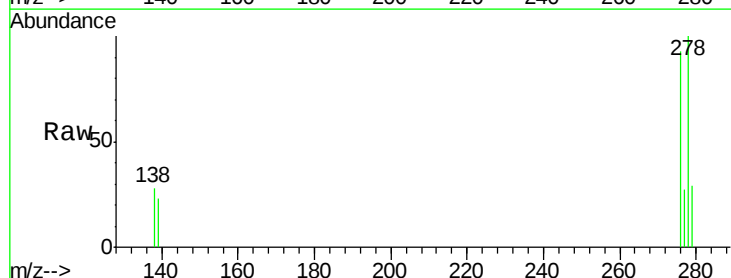
Tgt Ion:278 Resp: 4241

Ion Ratio Lower Upper

278 100

139 23.2 16.0 24.0

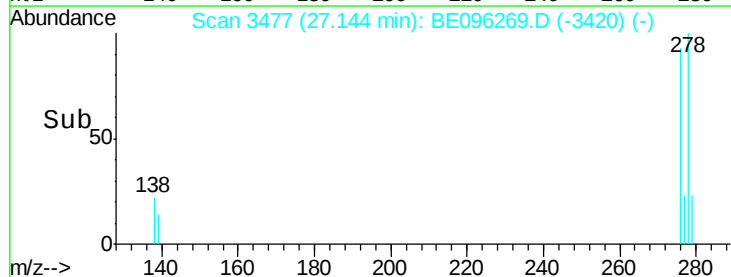
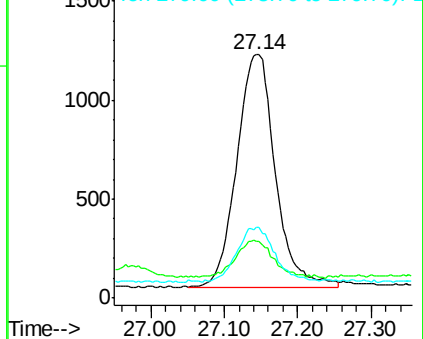
279 29.0 20.0 30.0

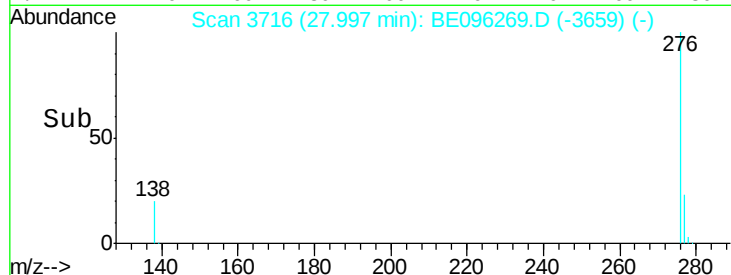
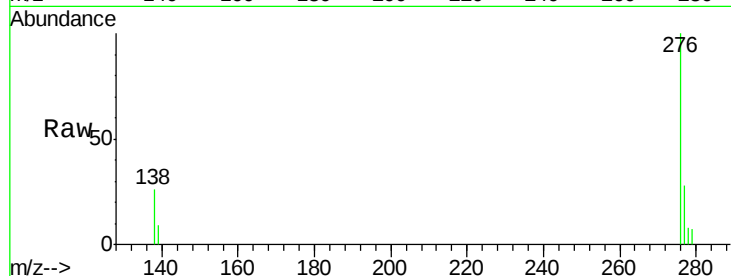


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.395 ng

RT: 28.00 min Scan# 3716

Delta R.T. 0.00 min

Lab File: BE096269.D

Acq: 1 May 2018 22:20

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 276 Resp: 4332

Ion Ratio Lower Upper

276 100

277 27.7 16.0 24.0#

138 25.7 20.0 30.0

