

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096287.D
 Acq On : 2 May 2018 9:11
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 11:19:58 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	869	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3311	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1810	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4173	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4213	0.40	ng	0.00
34) Perylene-d12	24.35	264	3927	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	942	0.35	ng	0.00
5) Phenol-d6	7.52	99	1407	0.38	ng	0.00
8) Nitrobenzene-d5	9.54	82	1476	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1936	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	274	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3032	0.39	ng	0.00
25) Fluoranthene-d10	19.63	212	20228	0.36	ng	0.00
29) Terphenyl-d14	20.19	244	3467	0.37	ng	0.00

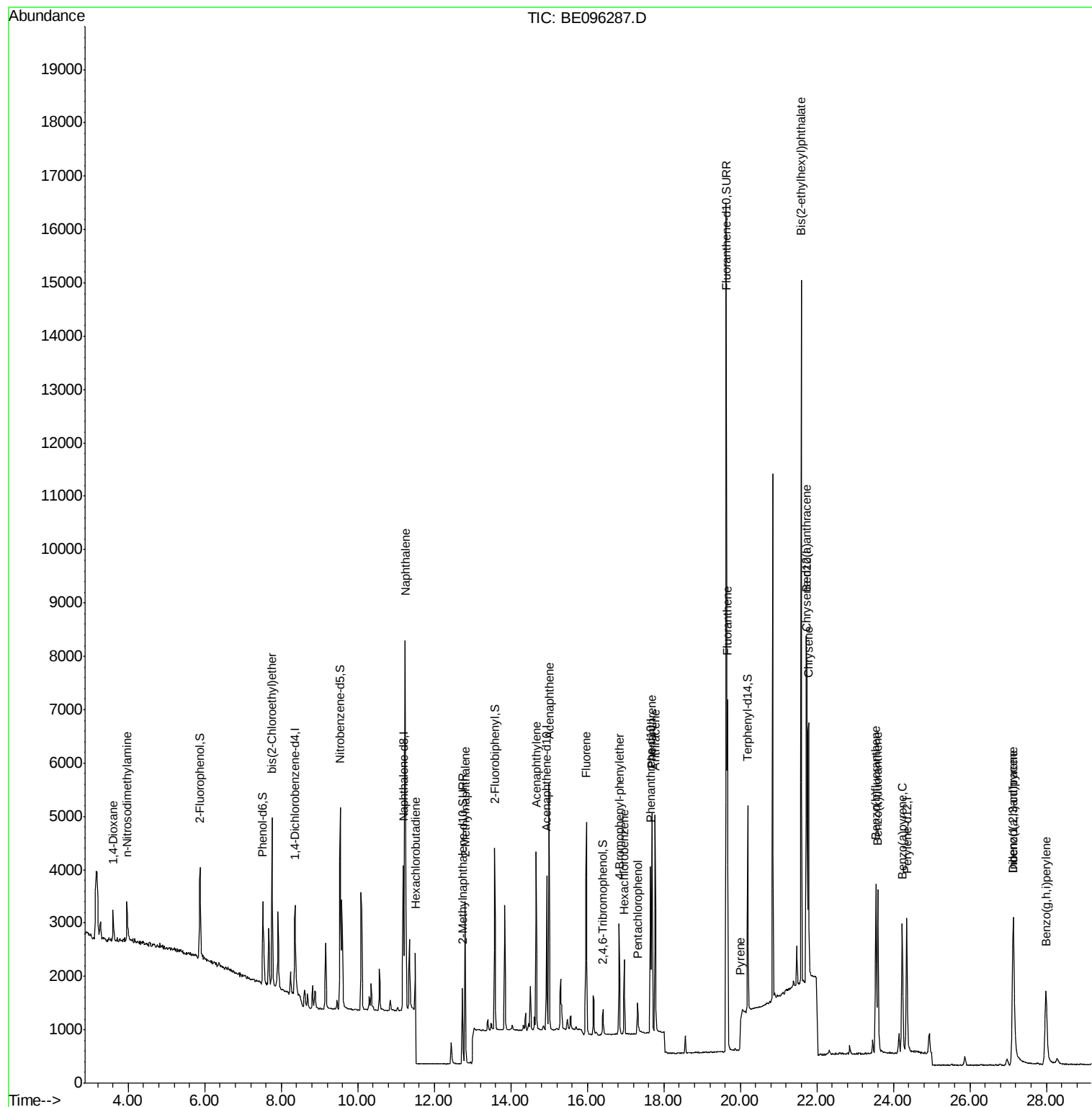
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	450	0.335	ng	92
3) n-Nitrosodimethylamine	3.97	42	647	0.393	ng	# 72
6) bis(2-Chloroethyl)ether	7.76	93	1174	0.360	ng	93
9) Naphthalene	11.24	128	12998	0.372	ng	100
10) Hexachlorobutadiene	11.50	225	491	0.317	ng	88
12) 2-Methylnaphthalene	12.81	142	2158	0.374	ng	96
16) Acenaphthylene	14.67	152	3722	0.385	ng	100
17) Acenaphthene	15.00	154	2176	0.375	ng	92
18) Fluorene	15.97	166	2785	0.387	ng	# 65
20) 4-Bromophenyl-phenylether	16.83	248	959	0.387	ng	# 77
21) Hexachlorobenzene	16.96	284	977	0.396	ng	# 80
22) Pentachlorophenol	17.31	266	366	0.457	ng	84
23) Phenanthrene	17.68	178	4483	0.382	ng	99
24) Anthracene	17.78	178	4265	0.381	ng	# 95
26) Fluoranthene	19.66	202	5635	0.366	ng	98
28) Pyrene	20.00	202	403	0.049	ng	# 86
30) Benzo(a)anthracene	21.73	228	4996	0.370	ng	97
31) Chrysene	21.79	228	5203	0.399	ng	99
32) Bis(2-ethylhexyl)phthalate	21.60	149	14078	0.404	ng	100
33) Indeno(1,2,3-cd)pyrene	27.13	276	4456	0.352	ng	94
35) Benzo(b)fluoranthene	23.54	252	4544	0.386	ng	# 94
36) Benzo(k)fluoranthene	23.59	252	4731	0.390	ng	# 90
37) Benzo(a)pyrene	24.23	252	4340	0.383	ng	# 92
38) Dibenzo(a,h)anthracene	27.14	278	3597	0.360	ng	94
39) Benzo(g,h,i)perylene	27.99	276	3917	0.371	ng	# 93

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
Data File : BE096287.D
Acq On : 2 May 2018 9:11
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 02 11:19:58 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



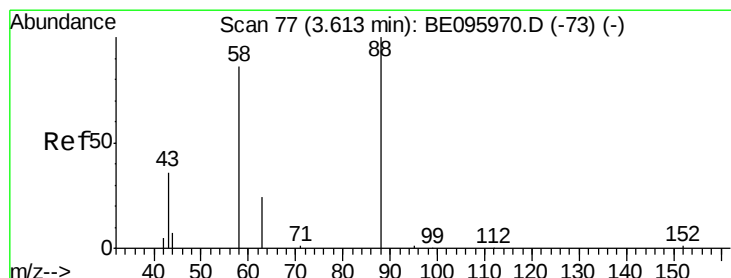
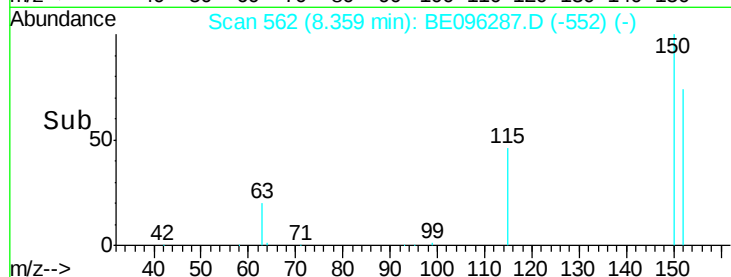
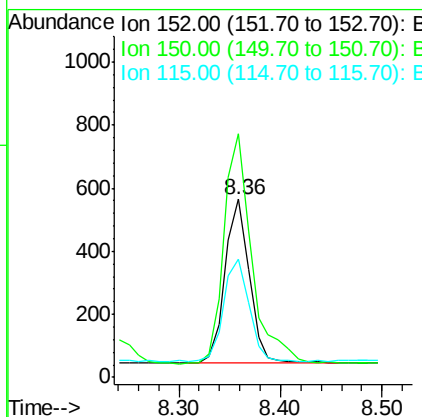
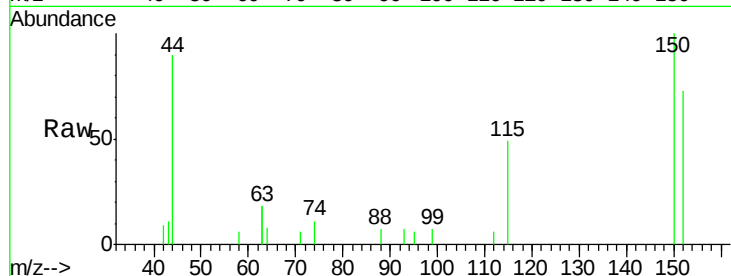


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BE096287.D
 Acq: 2 May 2018 9:11

Instrument :
 BNA_E
 ClientSampled :

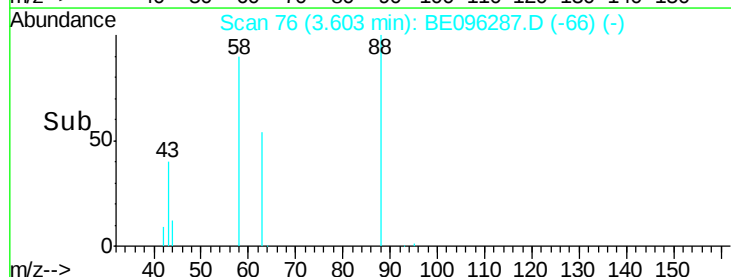
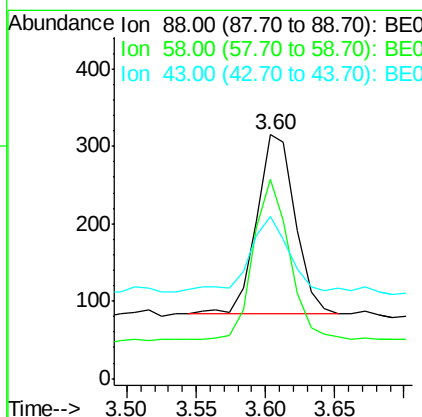
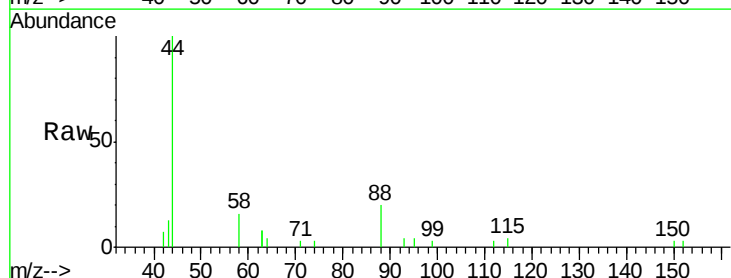
Tot Ion:152 Resp: 869
 Ion Ratio Lower Upper
 152 100
 150 136.6 117.2 175.8
 115 66.4 57.0 85.6



#2

1,4-Dioxane
 Concen: 0.335 ng
 RT: 3.60 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: BE096287.D
 Acq: 2 May 2018 9:11

Tgt Ion: 88 Resp: 450
 Ion Ratio Lower Upper
 88 100
 58 83.3 63.2 94.8
 43 43.3 41.2 61.8



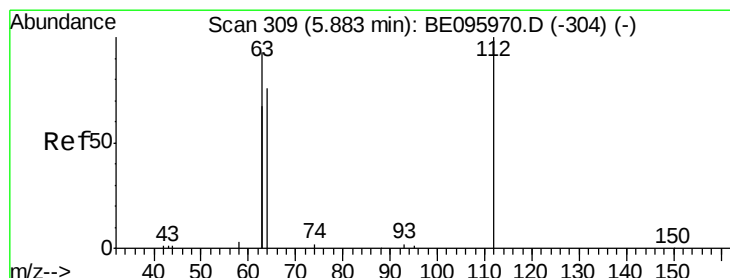
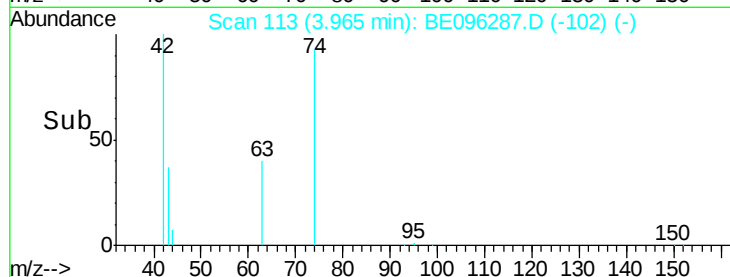
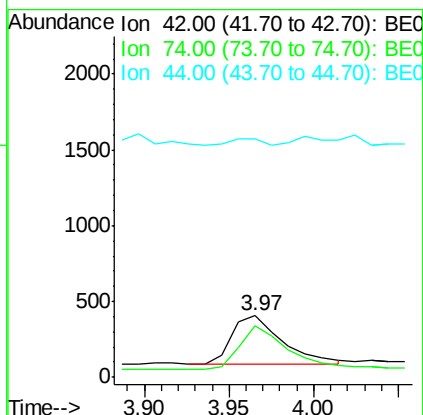
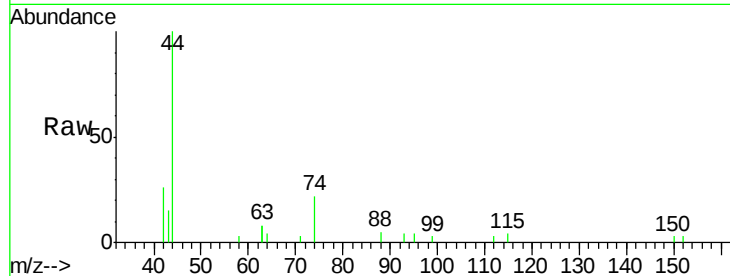


#3

n-Nitrosodimethylamine
 Concen: 0.393 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.01 min
 Lab File: BE096287.D
 Acq: 2 May 2018 9:11

Instrument :
 BNA_E
 ClientSampleId :

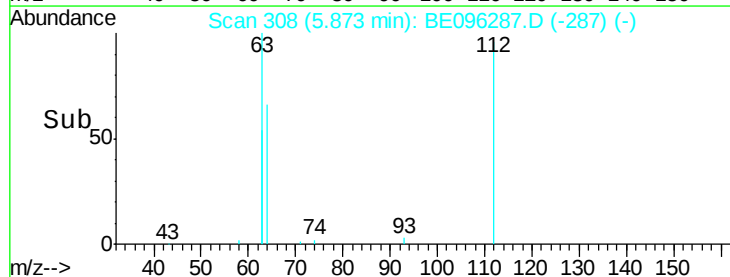
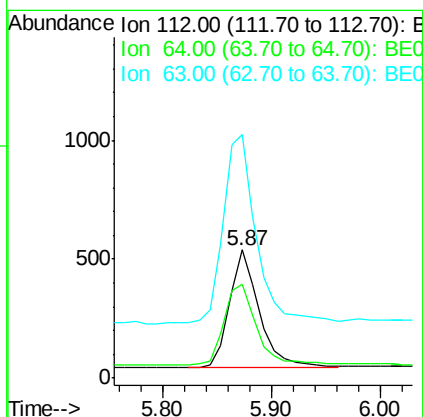
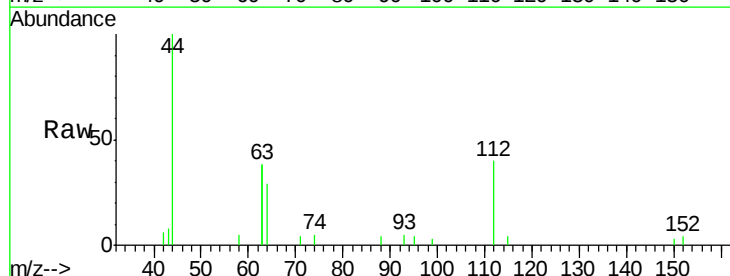
Tot Ion: 42 Resp: 647
 Ion Ratio Lower Upper
 42 100
 74 87.2 96.0 144.0#
 44 8.0 12.0 18.0#

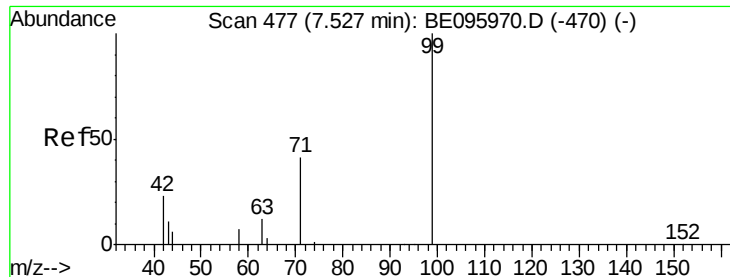


#4

2-Fluorophenol
 Concen: 0.350 ng
 RT: 5.87 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096287.D
 Acq: 2 May 2018 9:11

Tgt Ion: 112 Resp: 942
 Ion Ratio Lower Upper
 112 100
 64 77.1 60.1 90.1
 63 181.3 116.8 175.2#





#5

Phenol-d6

Concen: 0.379 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampled :

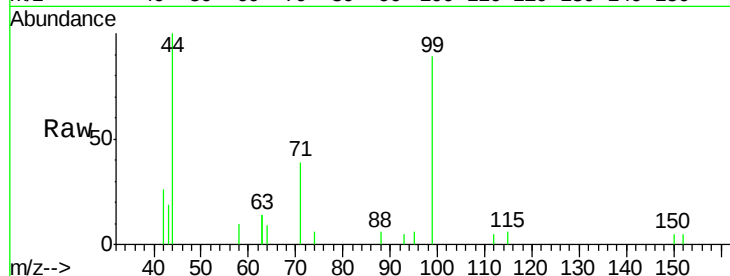
Tot Ion: 99 Resp: 1407

Ion Ratio Lower Upper

99 100

42 26.7 20.2 30.2

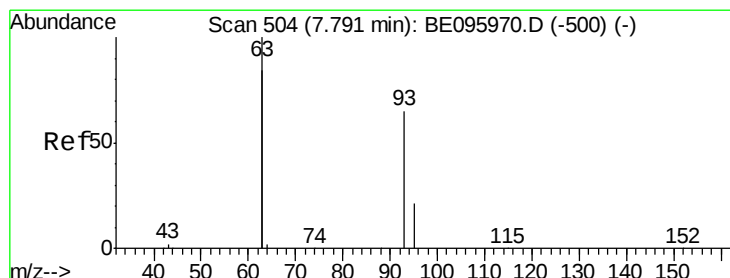
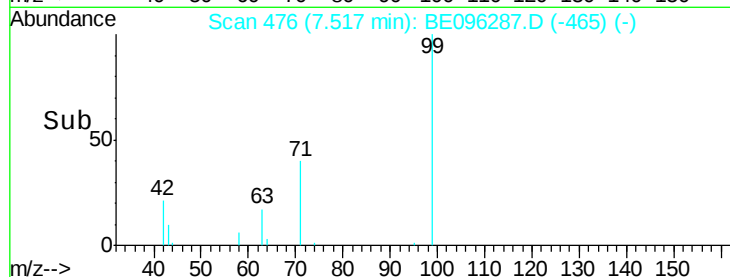
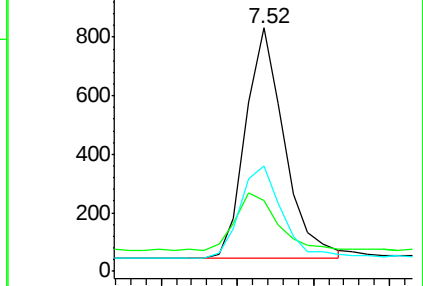
71 42.7 28.4 42.6#



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: 0.360 ng

RT: 7.76 min Scan# 501

Delta R.T. 0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

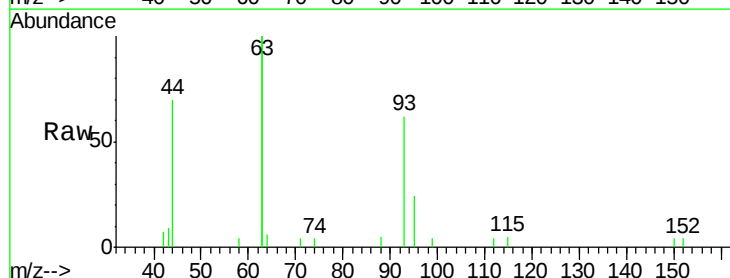
Tgt Ion: 93 Resp: 1174

Ion Ratio Lower Upper

93 100

63 328.5 275.3 412.9

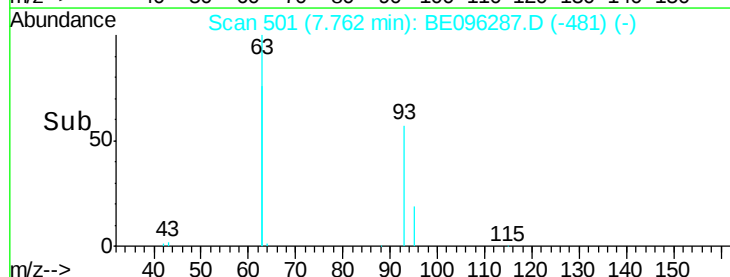
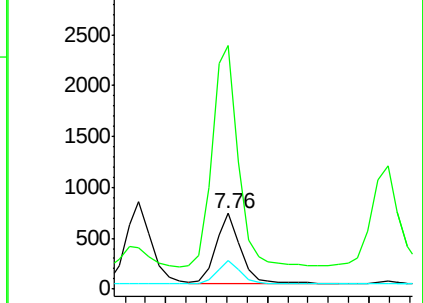
95 31.9 25.2 37.8



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: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3311

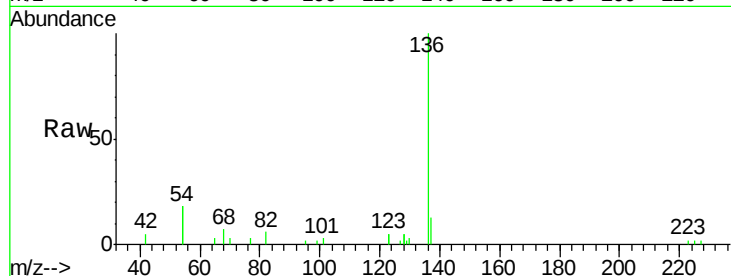
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 35.2 29.1 43.7

68 6.9 6.2 9.2

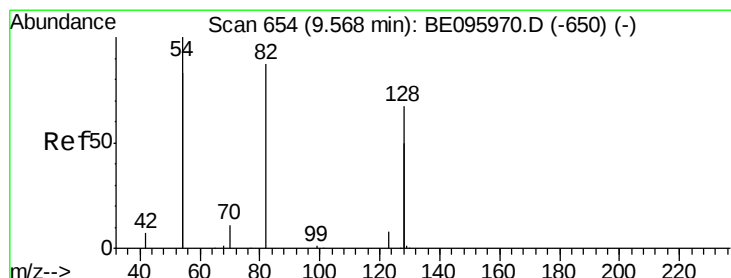
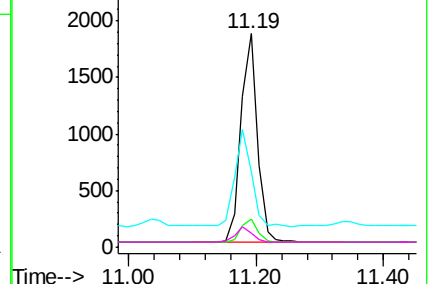
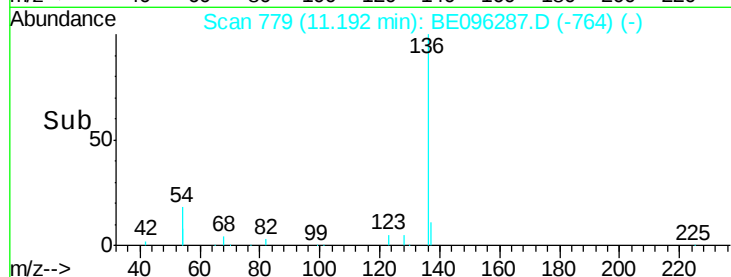


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

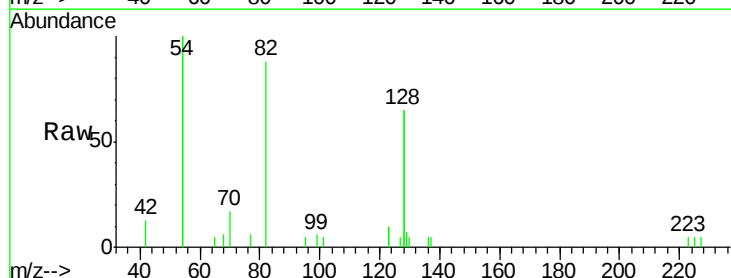
Tgt Ion: 82 Resp: 1476

Ion Ratio Lower Upper

82 100

128 146.1 150.0 225.0#

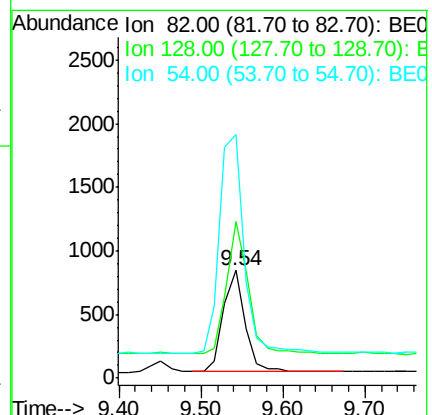
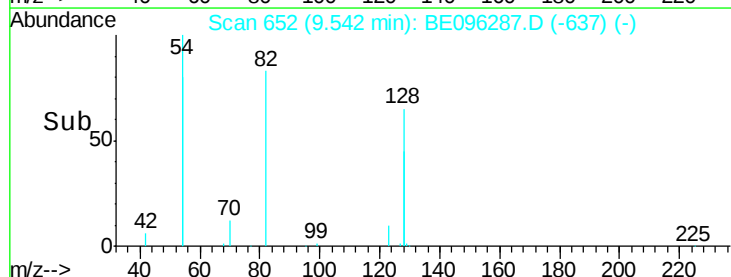
54 226.2 154.2 231.4



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: 0.372 ng

RT: 11.24 min Scan# 783

Delta R.T. 0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

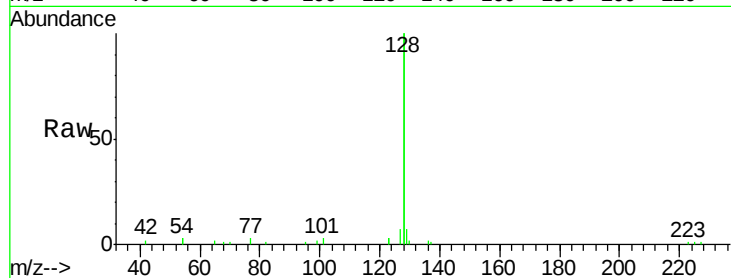
Tot Ion:128 Resp: 12998

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

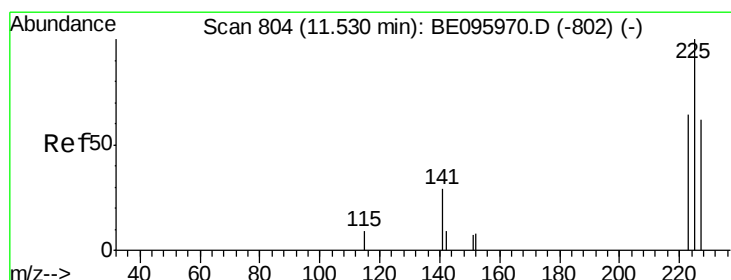
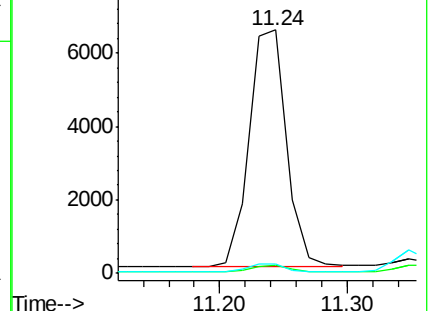
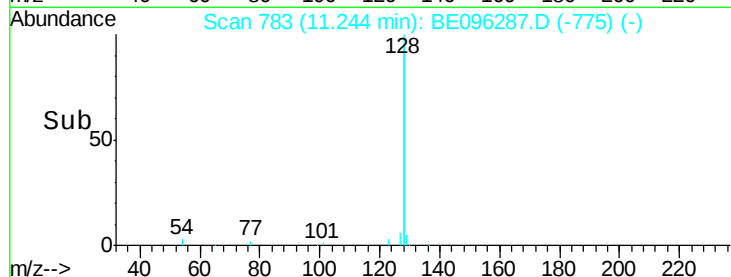
127 3.6 2.8 4.2



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: 0.317 ng

RT: 11.50 min Scan# 803

Delta R.T. 0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

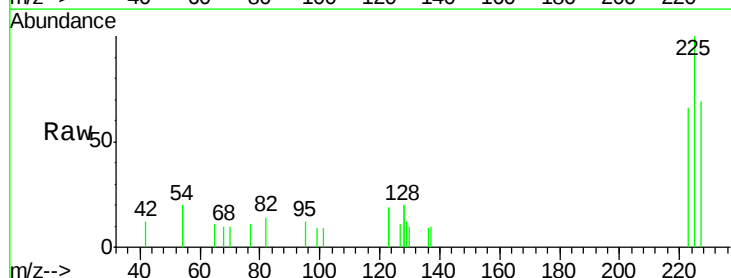
Tgt Ion:225 Resp: 491

Ion Ratio Lower Upper

225 100

223 76.8 53.0 79.6

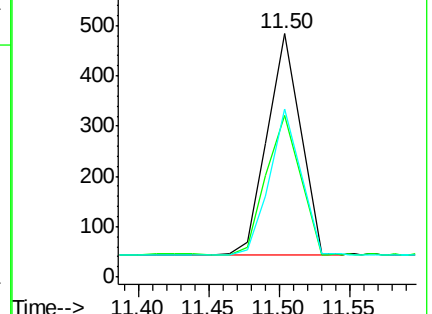
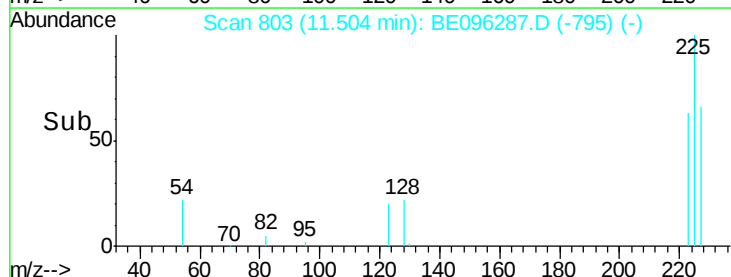
227 55.4 51.4 77.2

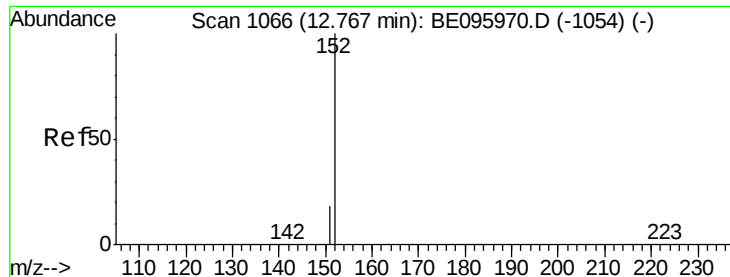


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

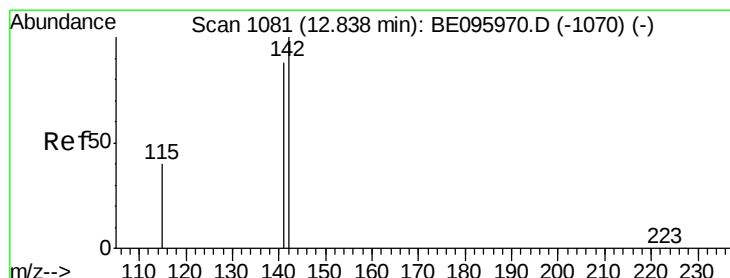
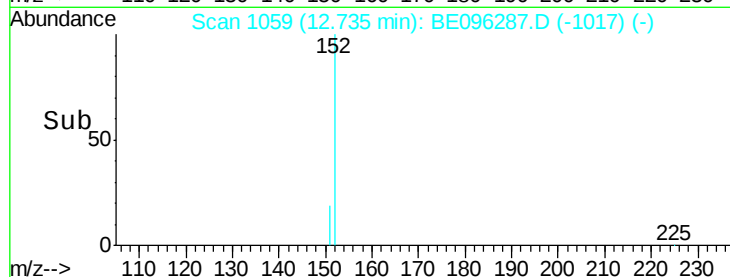
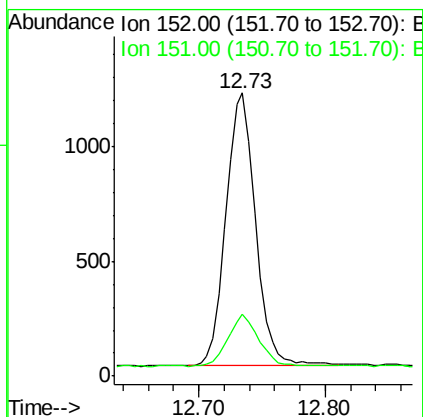
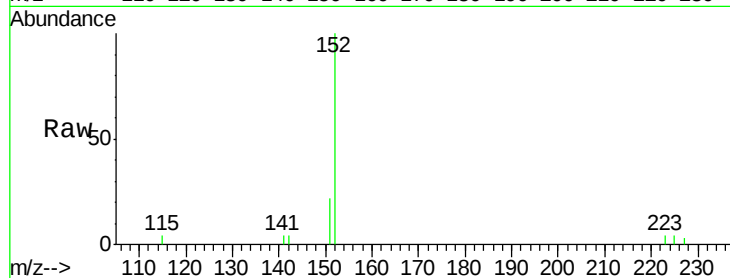




#11
 2-Methylnaphthalene-d10
 Concen: 0.369 ng
 RT: 12.73 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BE096287.D
 Acq: 2 May 2018 9:11

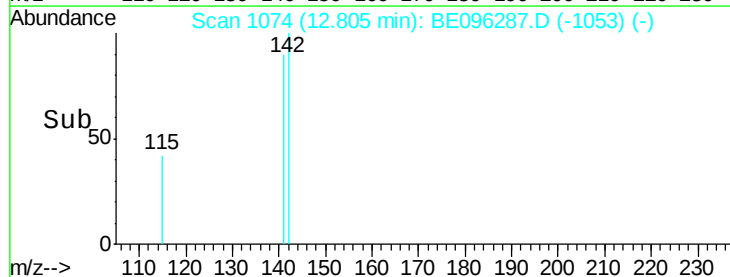
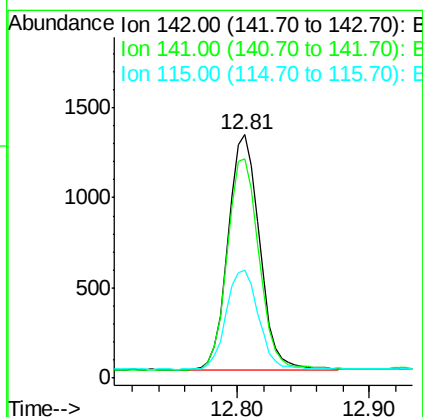
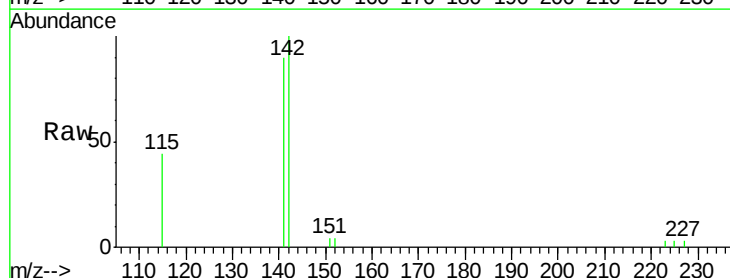
Instrument :
 BNA_E
 ClientSampleId :

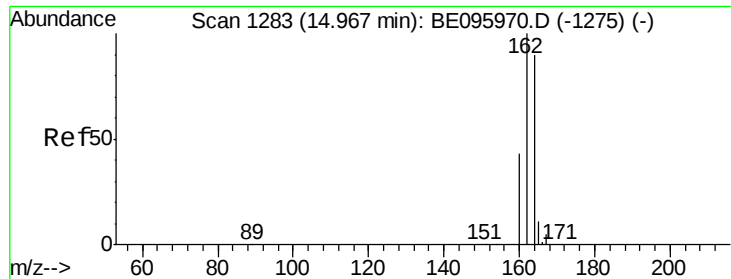
Tot Ion:152 Resp: 1936
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.374 ng
 RT: 12.81 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BE096287.D
 Acq: 2 May 2018 9:11

Tgt Ion:142 Resp: 2158
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.4 105.6
 115 44.1 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: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

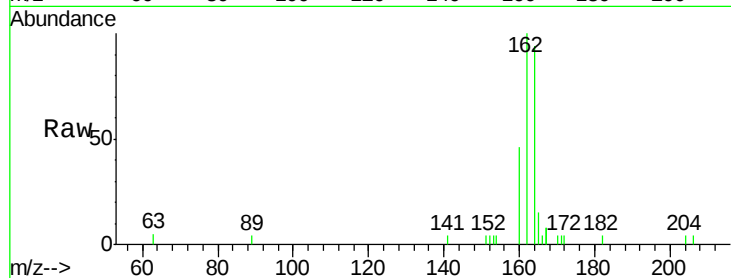
Tot Ion:164 Resp: 1810

Ion Ratio Lower Upper

164 100

162 106.4 83.1 124.7

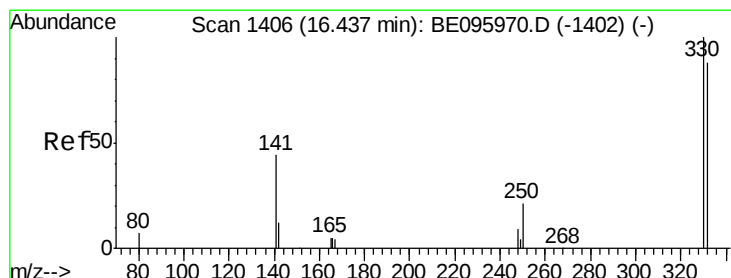
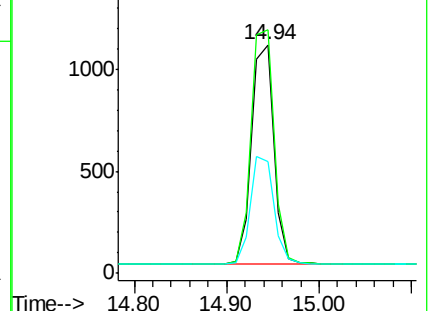
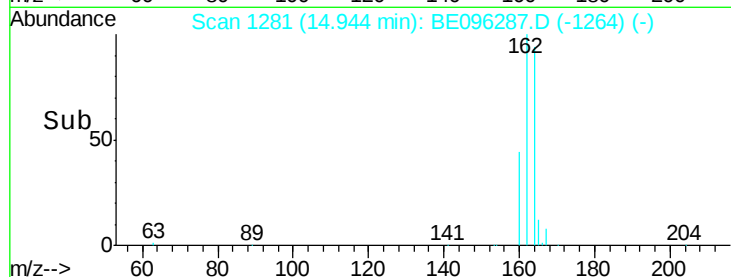
160 49.0 37.1 55.7



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: 0.313 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

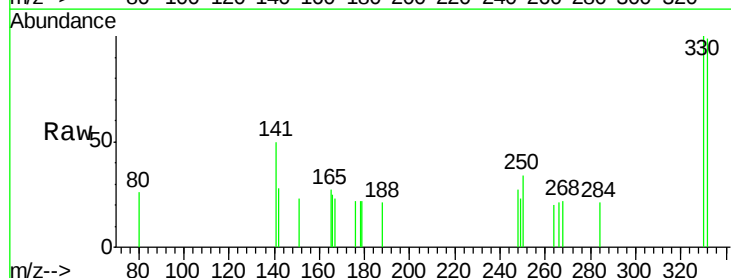
Tgt Ion:330 Resp: 274

Ion Ratio Lower Upper

330 100

332 97.4 152.7 229.1#

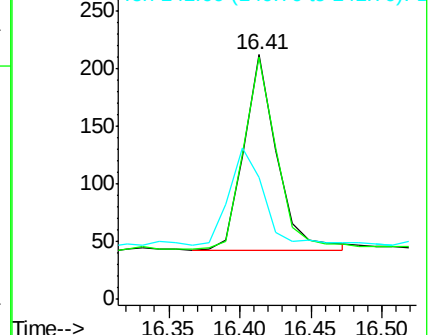
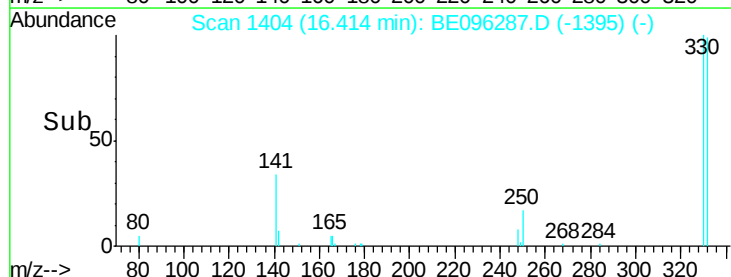
141 52.9 33.7 50.5#

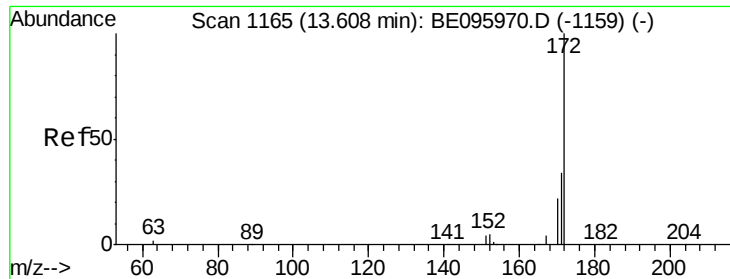


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

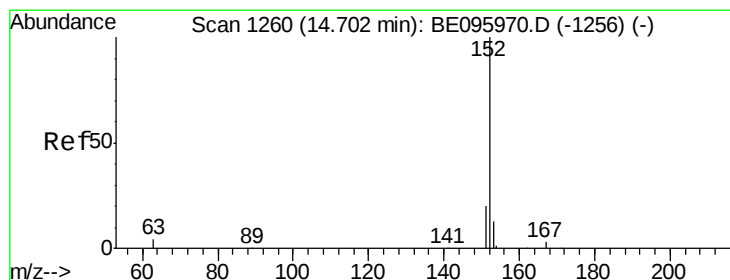
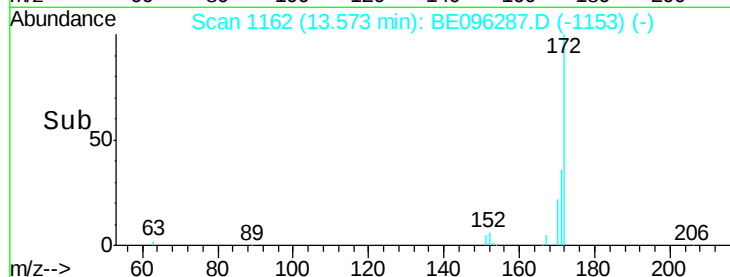
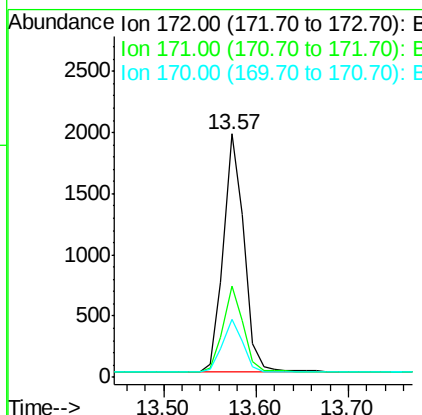
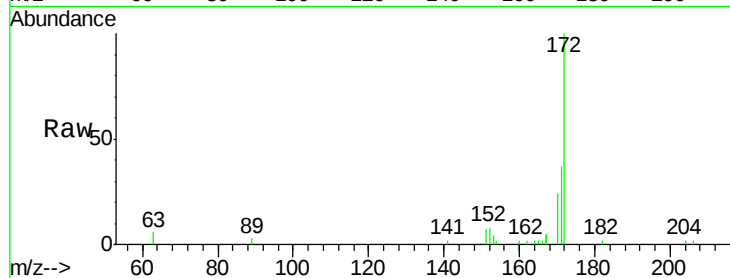




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

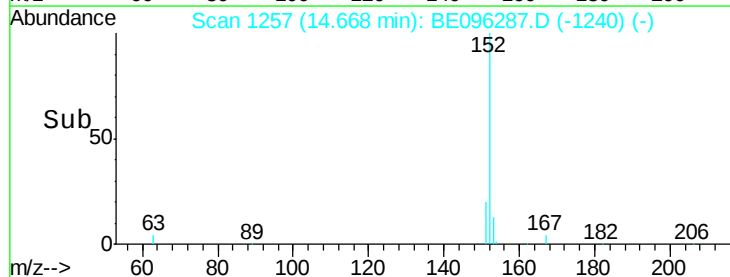
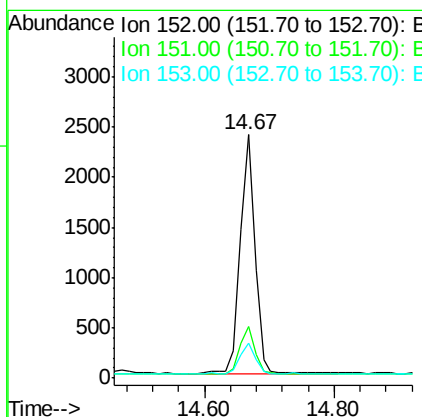
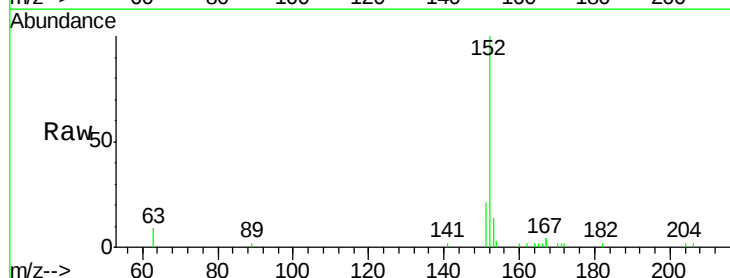
Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 3032
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 24.0 21.8 32.8



#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.67 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:152 Resp: 3722
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.375 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

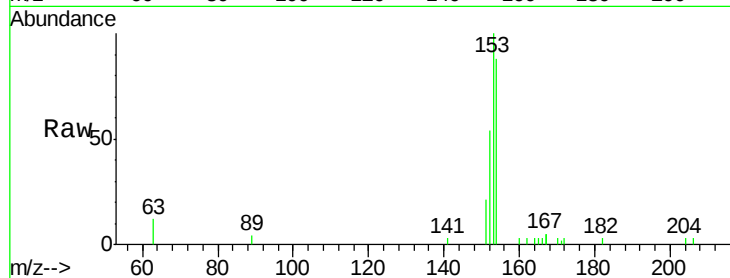
Tot Ion:154 Resp: 2176

Ion Ratio Lower Upper

154 100

153 116.5 89.2 133.8

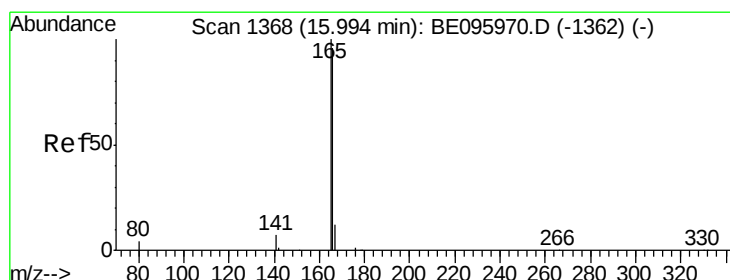
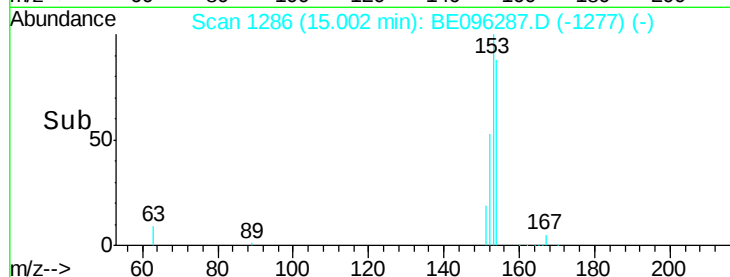
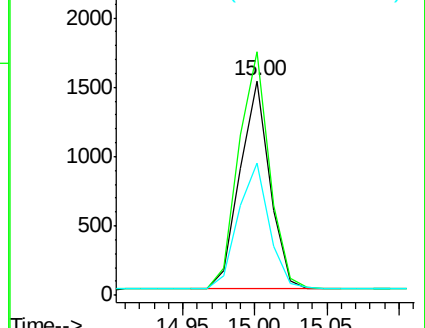
152 62.1 42.0 63.0



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: 0.387 ng

RT: 15.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

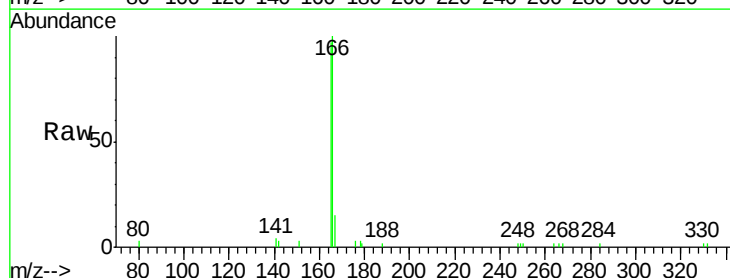
Tgt Ion:166 Resp: 2785

Ion Ratio Lower Upper

166 100

165 121.3 77.8 116.6#

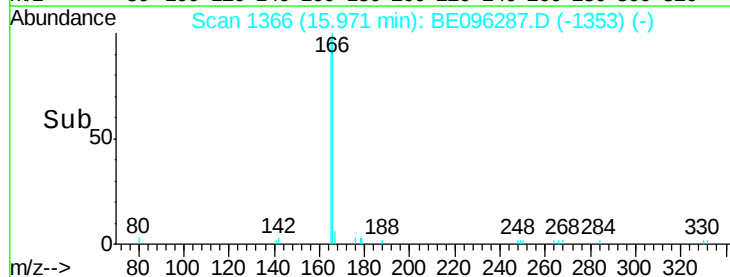
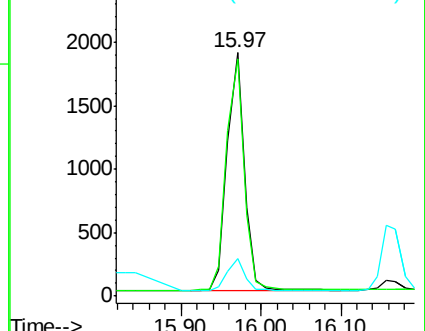
167 13.6 42.4 63.6#



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: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

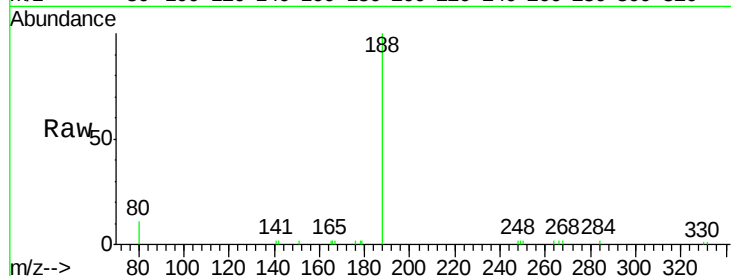
Tot Ion:188 Resp: 4173

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

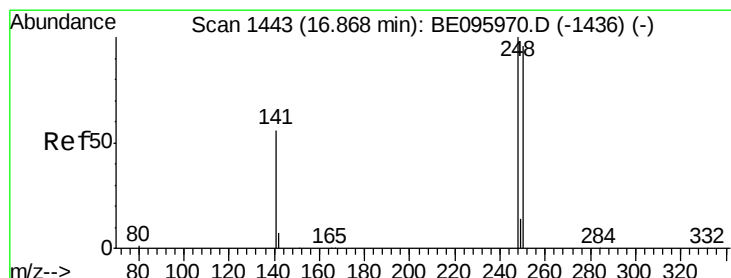
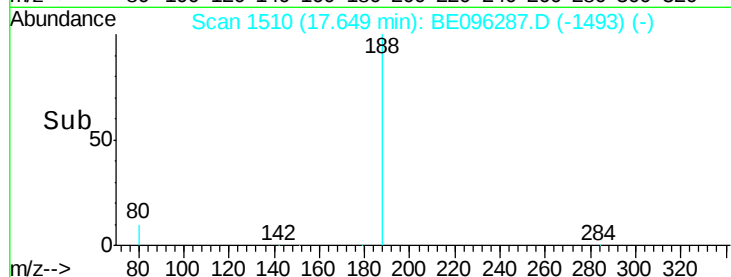
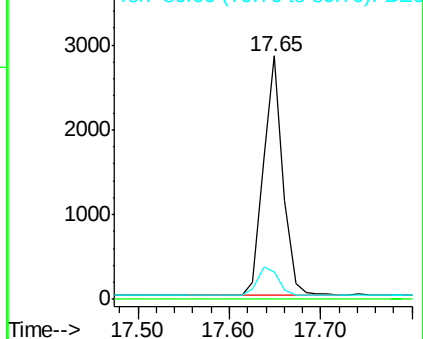
80 11.1 3.6 5.4#



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: 0.387 ng

RT: 16.83 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

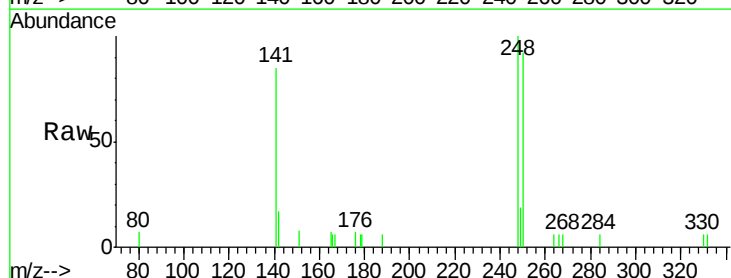
Tgt Ion:248 Resp: 959

Ion Ratio Lower Upper

248 100

250 92.0 62.7 94.1

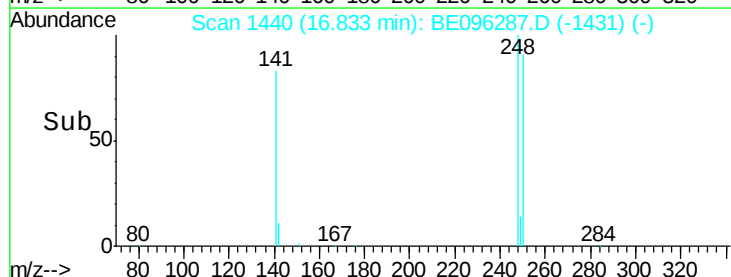
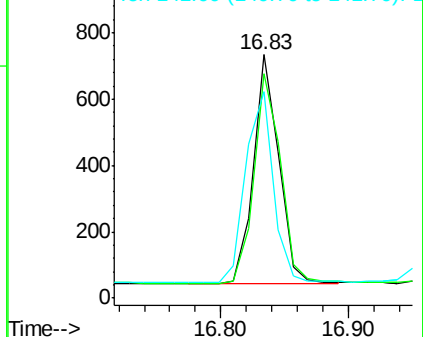
141 84.7 48.2 72.2#



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: 0.396 ng

RT: 16.96 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

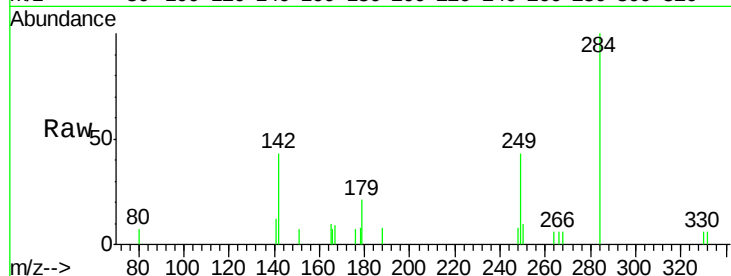
Tot Ion:284 Resp: 977

Ion Ratio Lower Upper

284 100

142 45.0 22.1 33.1#

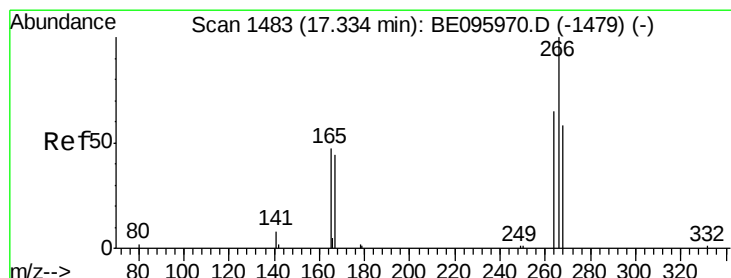
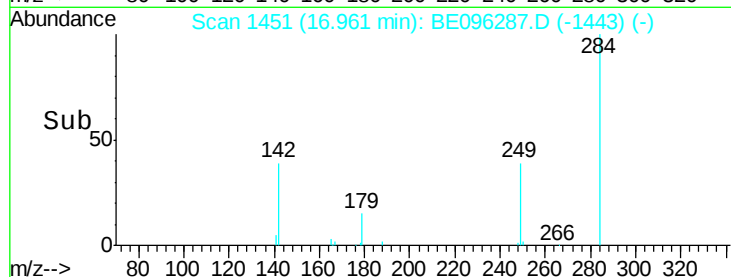
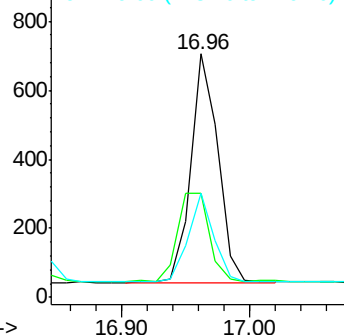
249 36.2 34.8 52.2



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: 0.457 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

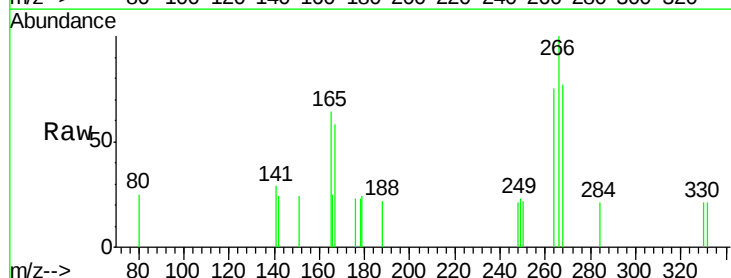
Tgt Ion:266 Resp: 366

Ion Ratio Lower Upper

266 100

264 75.5 72.5 108.7

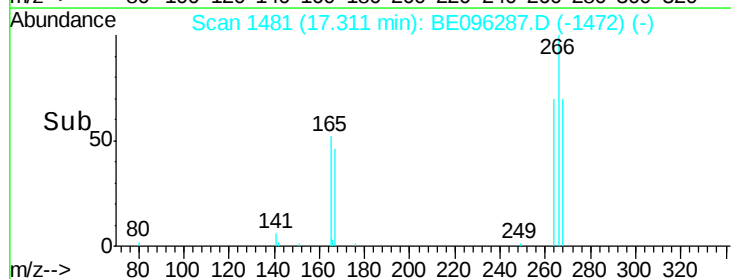
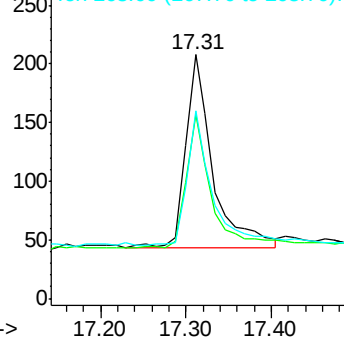
268 76.9 73.8 110.6

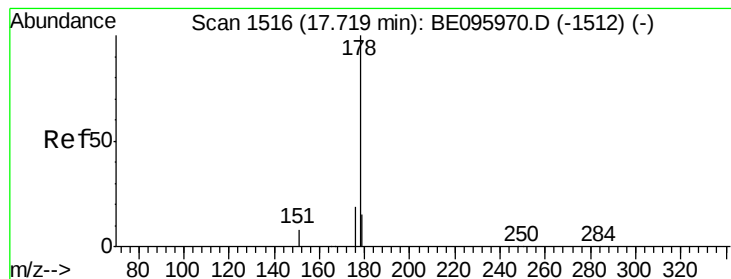


Abundance Ion 266.00 (265.70 to 266.70): E

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: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

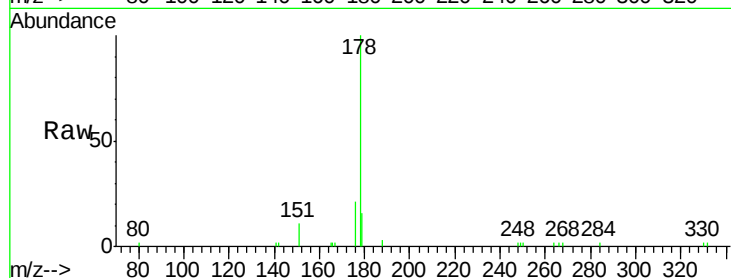
Tot Ion:178 Resp: 4483

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

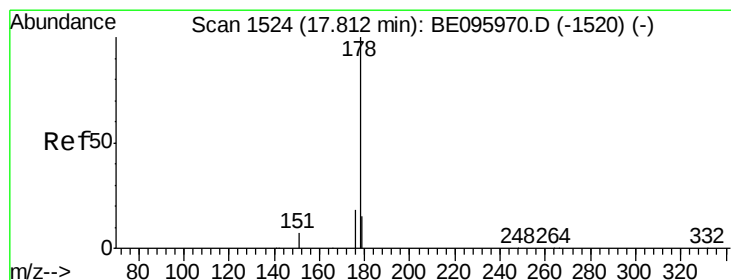
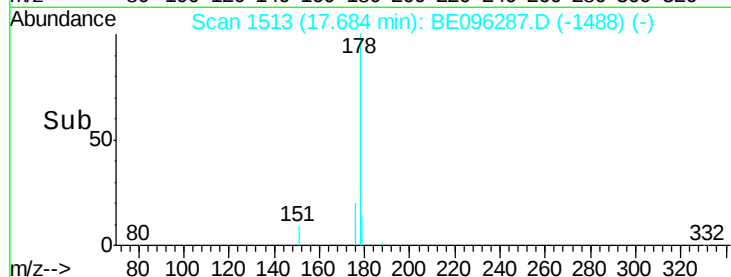
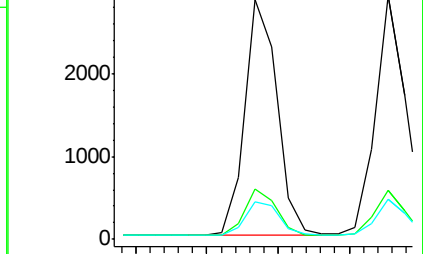
179 14.9 11.8 17.6



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: 0.381 ng

RT: 17.78 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

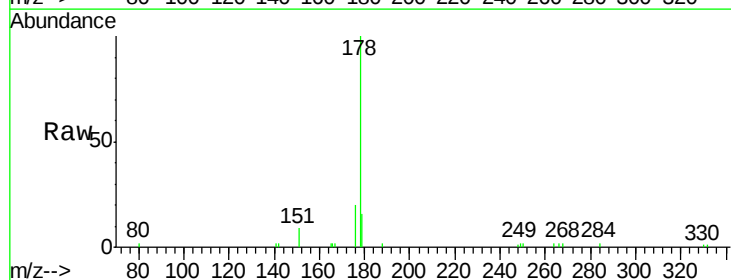
Tgt Ion:178 Resp: 4265

Ion Ratio Lower Upper

178 100

176 19.2 12.8 19.2#

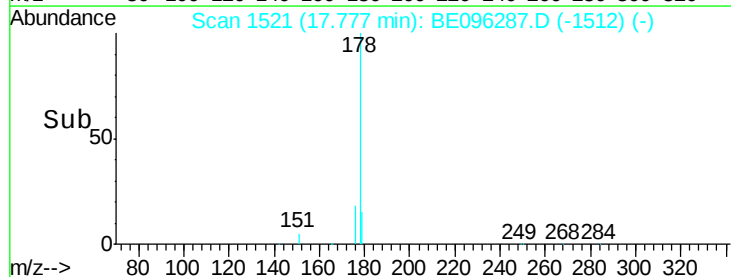
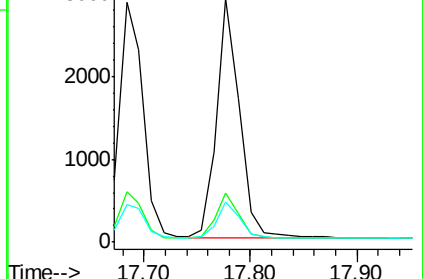
179 14.8 13.0 19.6

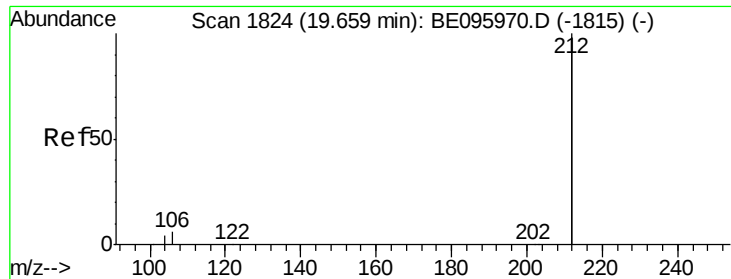


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

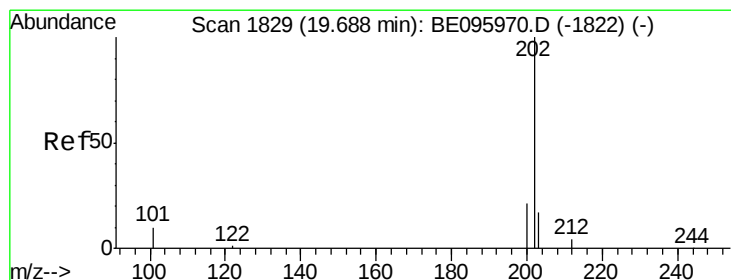
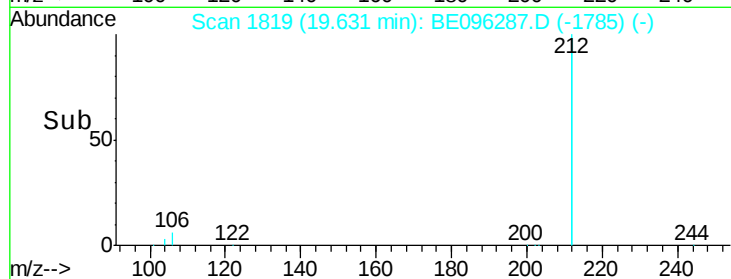
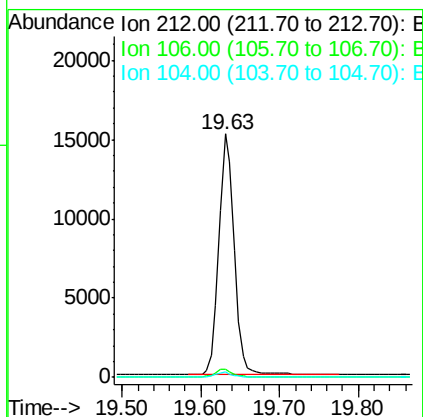
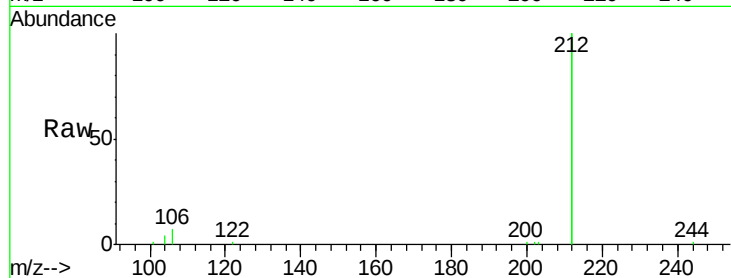




#25
 Fluoranthene-d10
 Concen: 0.357 ng
 RT: 19.63 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BE096287.D
 Acq: 2 May 2018 9:11

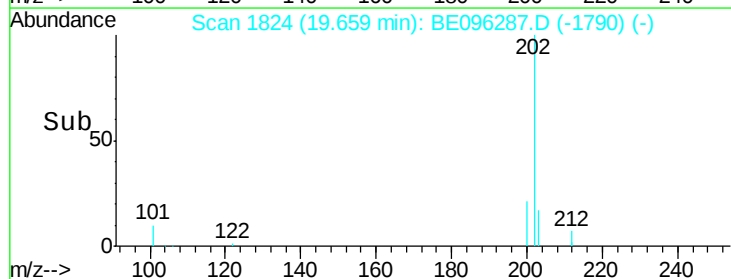
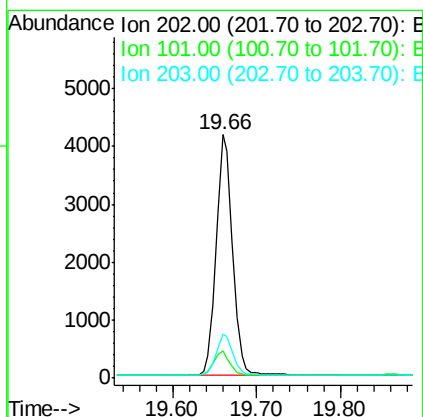
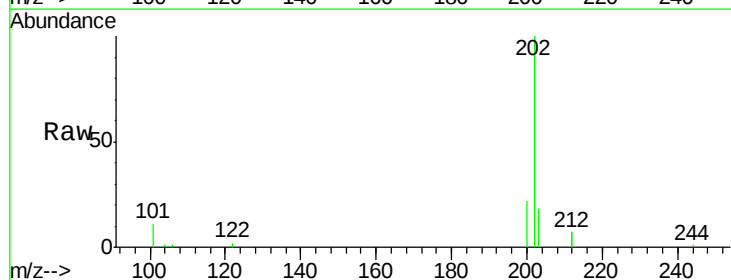
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 20228
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.8 1.6 2.4



#26
 Fluoranthene
 Concen: 0.366 ng
 RT: 19.66 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BE096287.D
 Acq: 2 May 2018 9:11

Tgt Ion:202 Resp: 5635
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.8 14.8
 203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

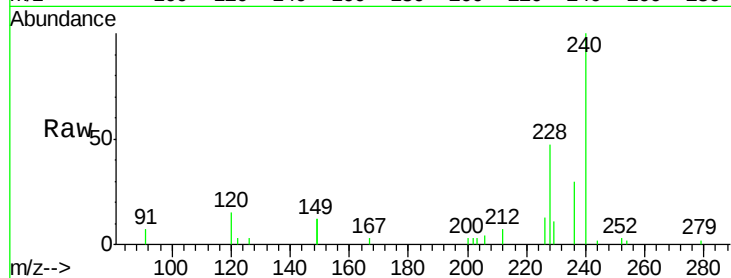
Tot Ion:240 Resp: 4213

Ion Ratio Lower Upper

240 100

120 15.1 5.5 8.3#

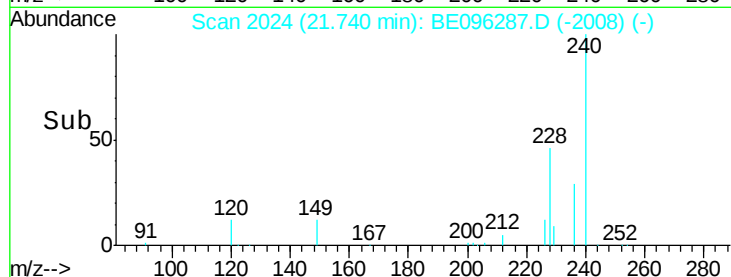
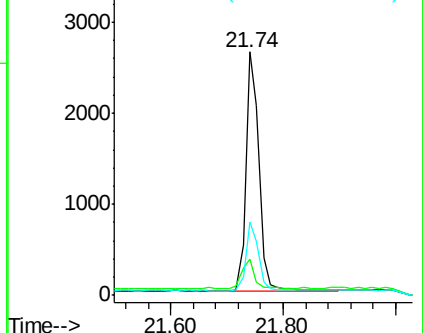
236 30.1 20.7 31.1



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: 0.049 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

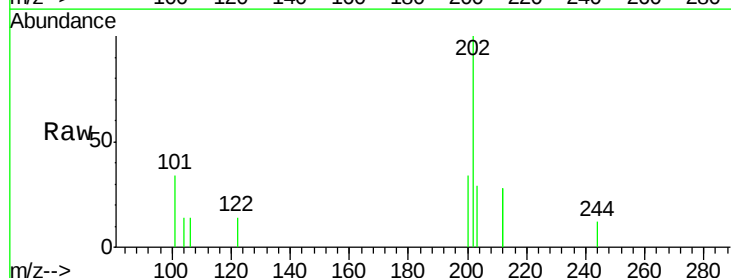
Tgt Ion:202 Resp: 403

Ion Ratio Lower Upper

202 100

200 24.3 16.6 25.0

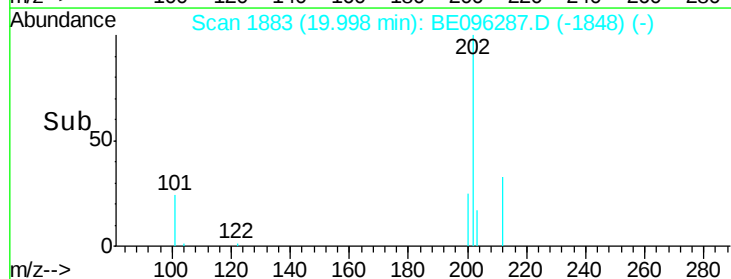
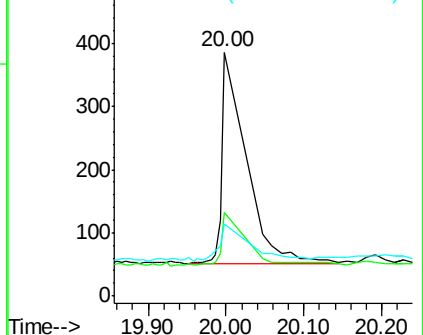
203 27.0 13.8 20.8#



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: 0.372 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

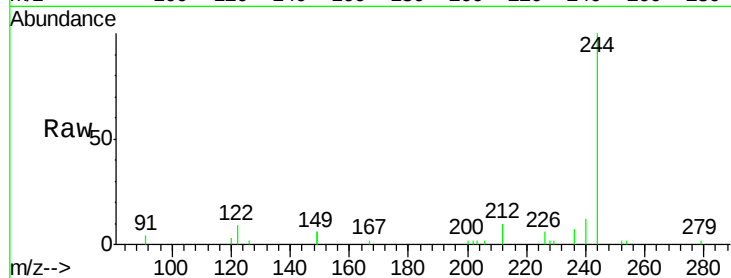
Tot Ion:244 Resp: 3467

Ion Ratio Lower Upper

244 100

212 10.4 25.4 38.0#

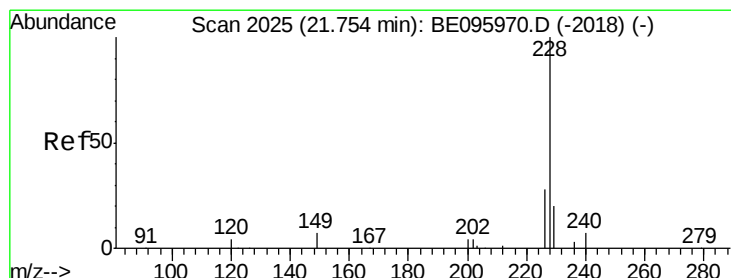
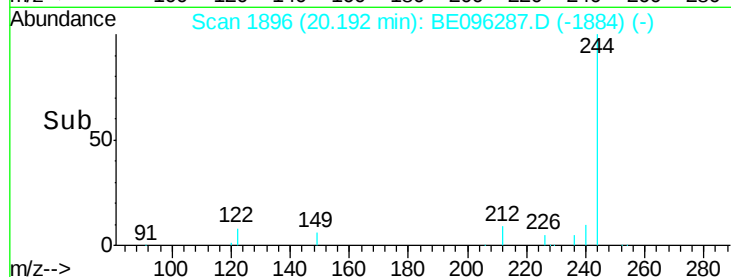
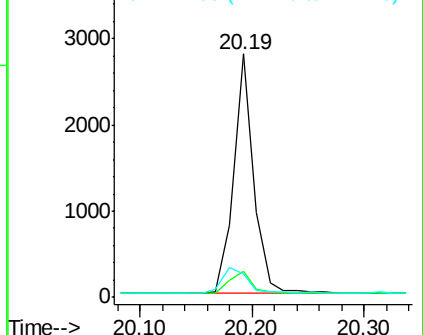
122 9.4 8.1 12.1



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: 0.370 ng

RT: 21.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

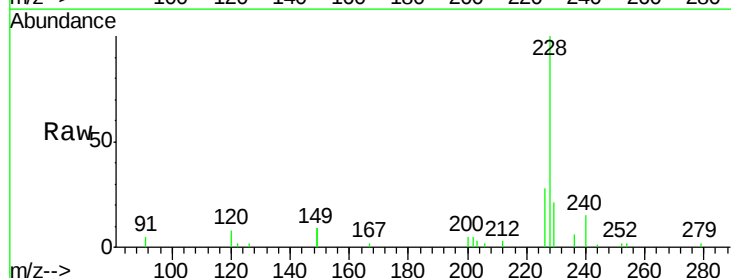
Tgt Ion:228 Resp: 4996

Ion Ratio Lower Upper

228 100

226 28.3 24.0 36.0

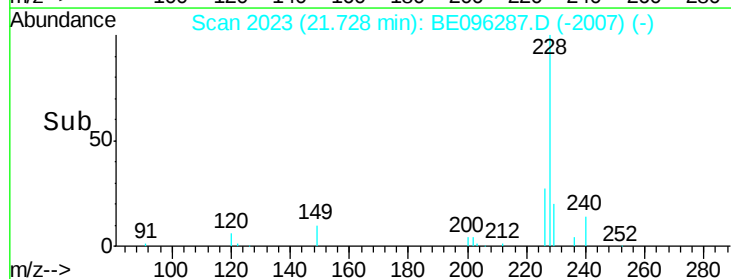
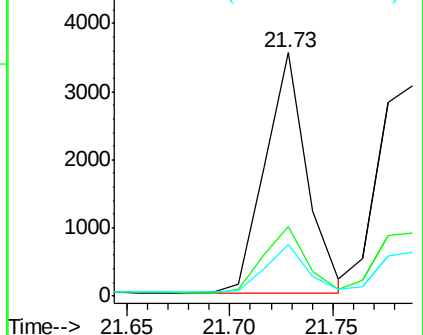
229 21.3 16.0 24.0



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

Chrvsene

Concen: 0.399 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

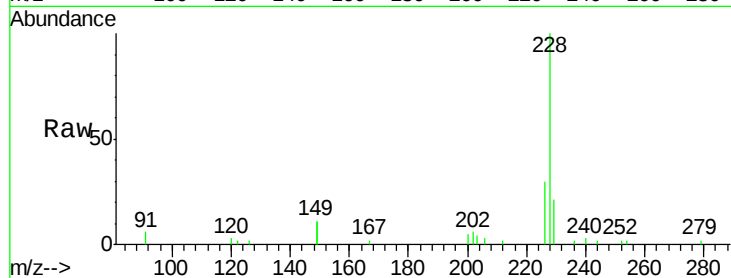
Tot Ion:228 Resp: 5203

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

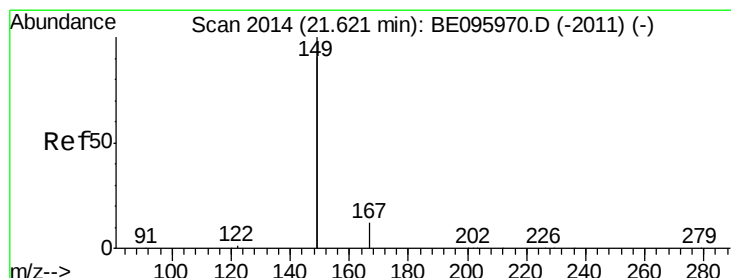
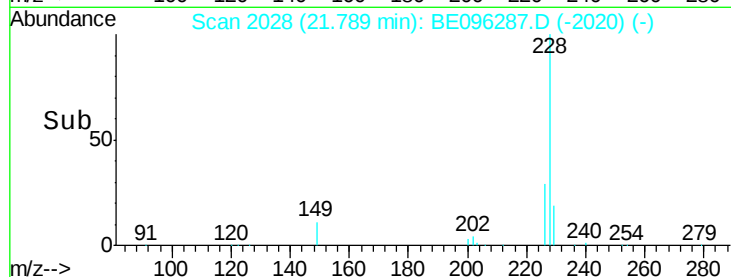
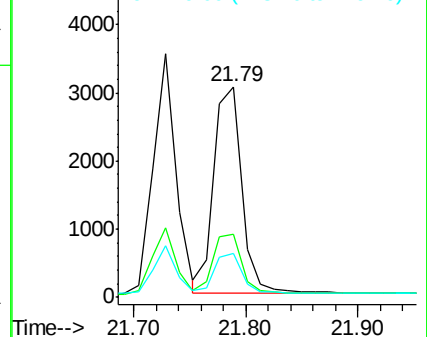
229 20.9 16.0 24.0



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: 0.404 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

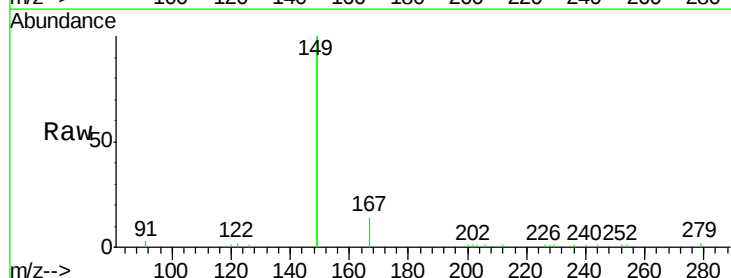
Tgt Ion:149 Resp: 14078

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

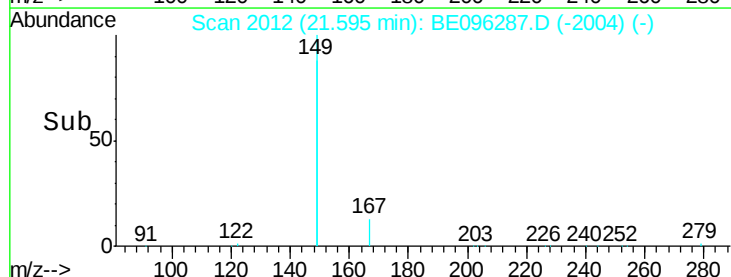
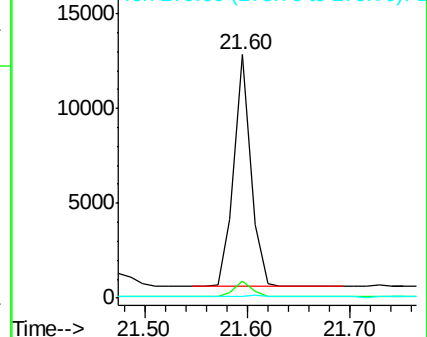
279 0.8 0.7 1.1



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

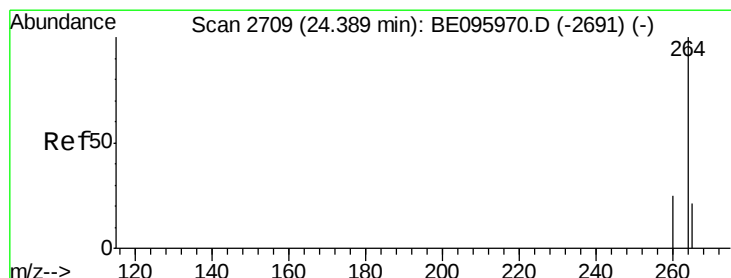
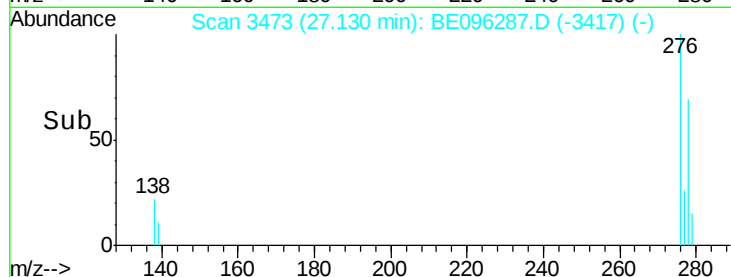
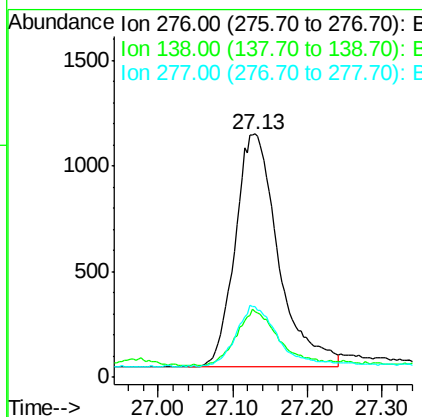
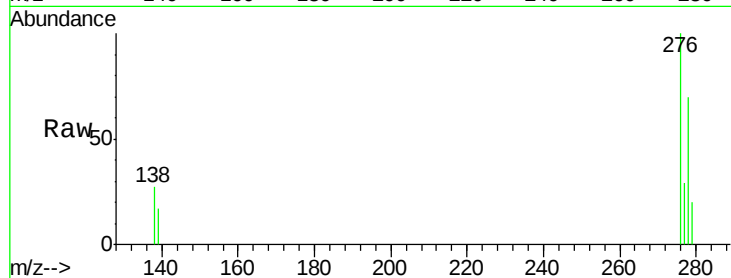




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng
RT: 27.13 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

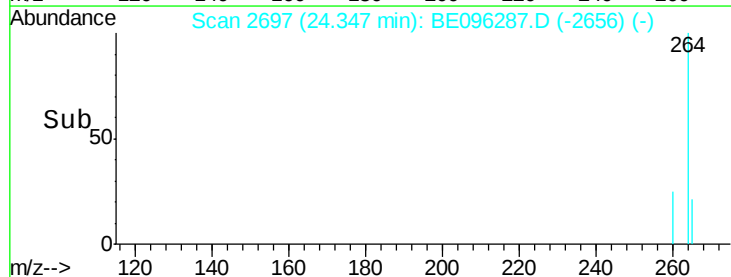
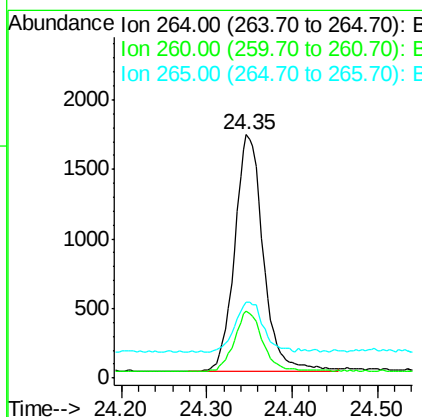
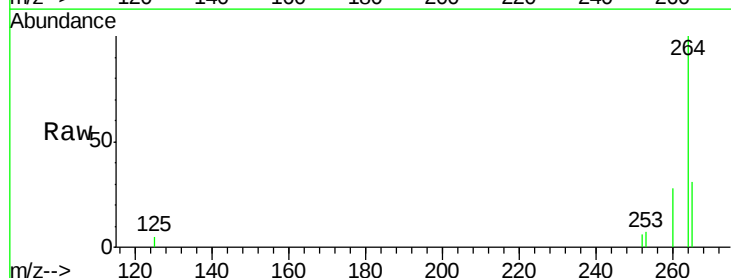
Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 4456
Ion Ratio Lower Upper
276 100
138 22.9 22.5 33.7
277 25.3 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:264 Resp: 3927
Ion Ratio Lower Upper
264 100
260 27.5 20.5 30.7
265 31.3 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.386 ng

RT: 23.54 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

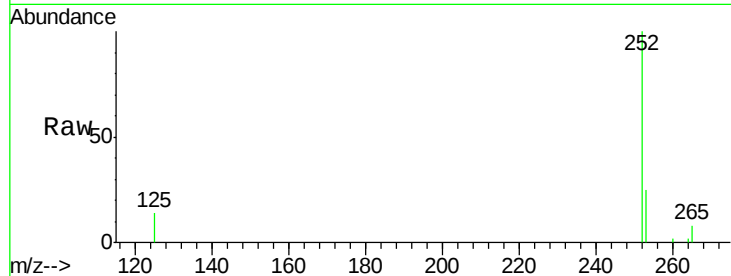
Tot Ion:252 Resp: 4544

Ion Ratio Lower Upper

252 100

253 25.0 20.0 30.0

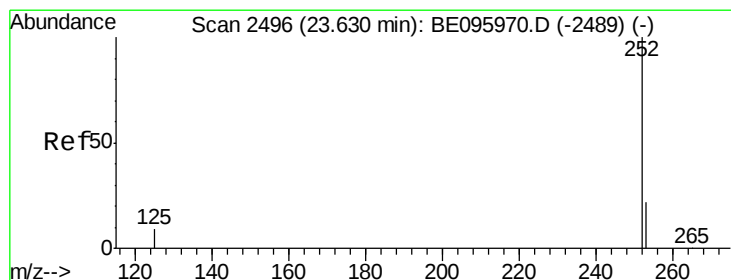
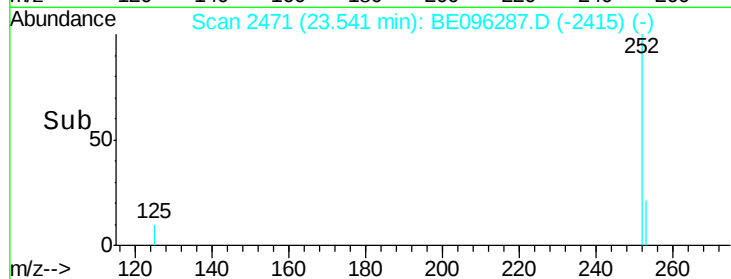
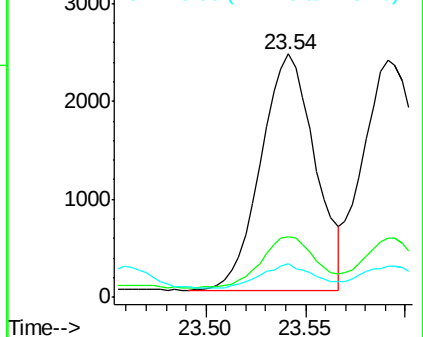
125 13.7 16.0 24.0#



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: 0.390 ng

RT: 23.59 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

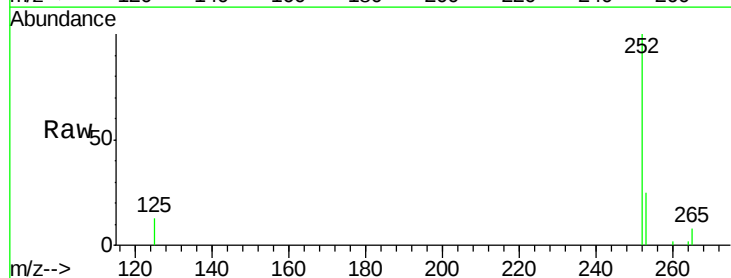
Tgt Ion:252 Resp: 4731

Ion Ratio Lower Upper

252 100

253 25.0 16.0 24.0#

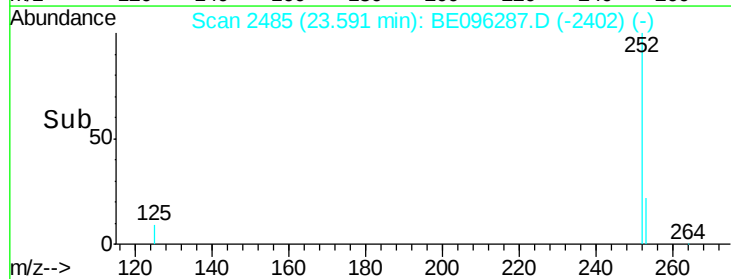
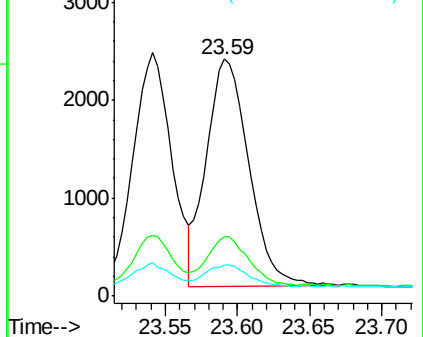
125 12.9 8.0 12.0#



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

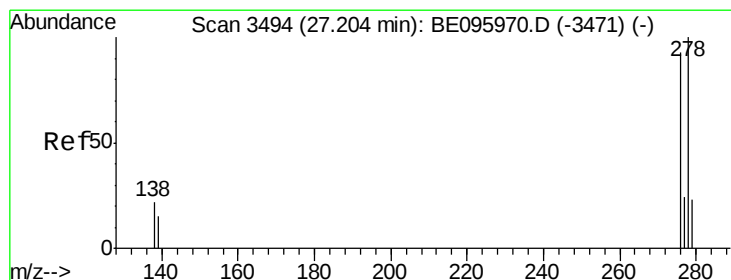
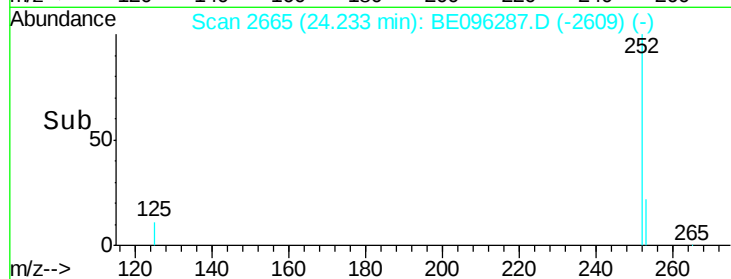
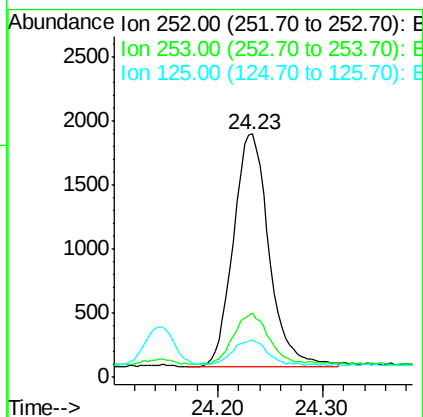
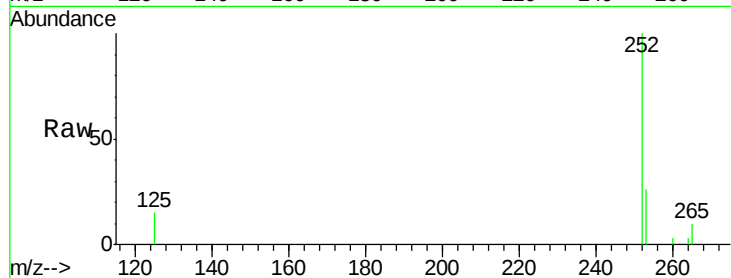




#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 24.23 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

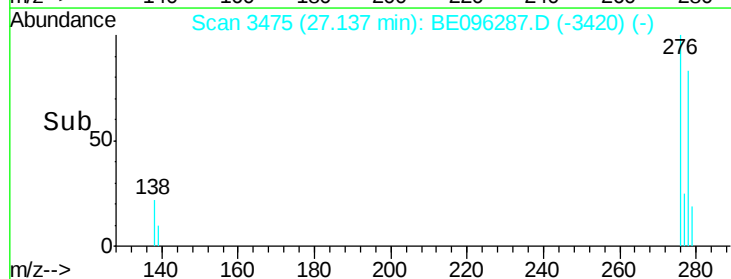
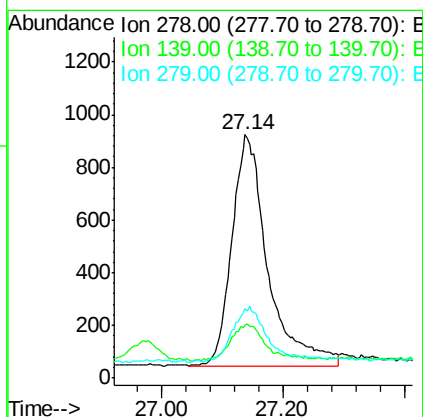
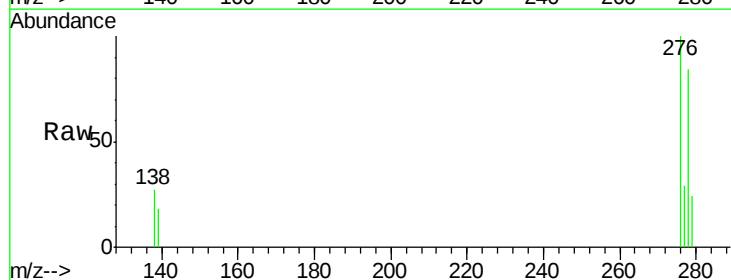
Instrument :
BNA_E
ClientSampleId :

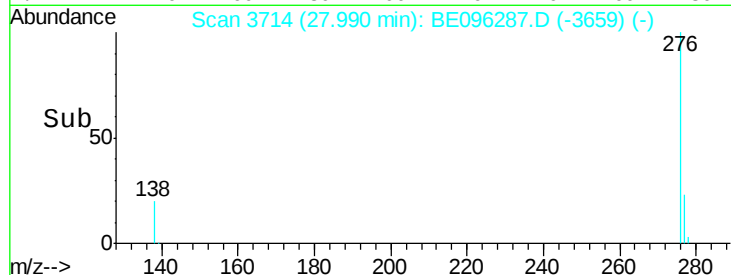
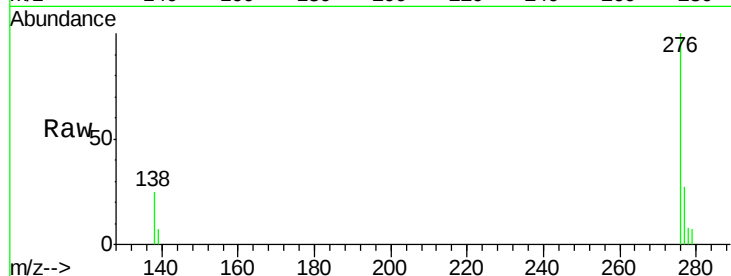
Tot Ion:252 Resp: 4340
Ion Ratio Lower Upper
252 100
253 26.4 16.0 24.0#
125 15.4 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 27.14 min Scan# 3475
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:278 Resp: 3597
Ion Ratio Lower Upper
278 100
139 21.5 16.0 24.0
279 28.8 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.371 ng

RT: 27.99 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BE096287.D

Acq: 2 May 2018 9:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 276 Resp: 3917

Ion Ratio Lower Upper

276 100

277 27.0 16.0 24.0#

138 24.9 20.0 30.0

