

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112918\
 Data File : BE098268.D
 Acq On : 29 Nov 2018 11:28
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Nov 29 12:19:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 12:12:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1663	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6963	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4509	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	11622	0.40	ng	0.00
27) Chrysene-d12	21.46	240	13255	0.40	ng	0.00
34) Perylene-d12	24.02	264	11938	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	1756	0.39	ng	0.00
5) Phenol-d6	7.04	99	2417	0.34	ng	0.00
8) Nitrobenzene-d5	9.02	82	2747	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4654	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	752	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6973	0.36	ng	0.00
25) Fluoranthene-d10	19.31	212	61072	0.43	ng	0.00
29) Terphenyl-d14	19.91	244	12398	0.41	ng	0.00

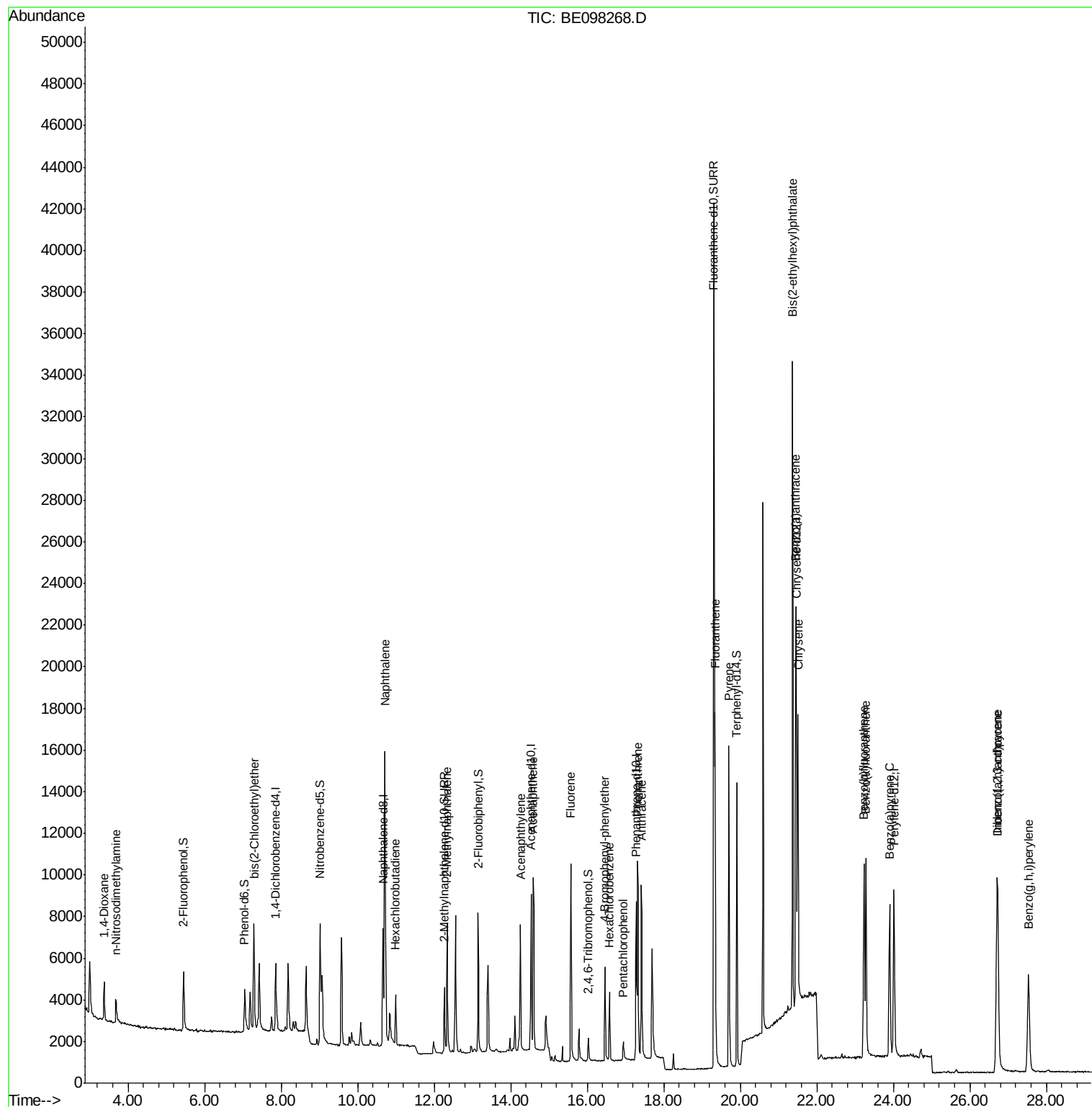
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1119	0.429	ng	100
3) n-Nitrosodimethylamine	3.68	42	1261	0.430	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	2266	0.378	ng	100
9) Naphthalene	10.72	128	27784	0.392	ng	100
10) Hexachlorobutadiene	10.99	225	1775	0.427	ng	100
12) 2-Methylnaphthalene	12.34	142	4629	0.371	ng	100
16) Acenaphthylene	14.25	152	8176	0.381	ng	100
17) Acenaphthene	14.59	154	4877	0.381	ng	100
18) Fluorene	15.57	166	6581	0.403	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	2592	0.360	ng	100
21) Hexachlorobenzene	16.58	284	2722	0.367	ng	100
22) Pentachlorophenol	16.94	266	694	0.677	ng	100
23) Phenanthrene	17.31	178	11368	0.380	ng	100
24) Anthracene	17.41	178	10427	0.384	ng	100
26) Fluoranthene	19.34	202	15166	0.423	ng	100
28) Pyrene	19.71	202	15776	0.407	ng	100
30) Benzo(a)anthracene	21.45	228	15100	0.394	ng	100
31) Chrysene	21.51	228	15546	0.394	ng	100
32) Bis(2-ethylhexyl)phthalate	21.37	149	36585	0.612	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	14976	0.443	ng	100
35) Benzo(b)fluoranthene	23.23	252	13766	0.408	ng	100
36) Benzo(k)fluoranthene	23.28	252	14185	0.373	ng	100
37) Benzo(a)pyrene	23.90	252	13225	0.400	ng	100
38) Dibenzo(a,h)anthracene	26.73	278	12524	0.472	ng	100
39) Benzo(g,h,i)perylene	27.53	276	12394	0.434	ng	100

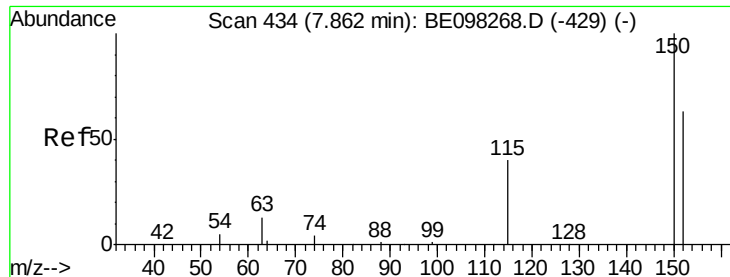
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

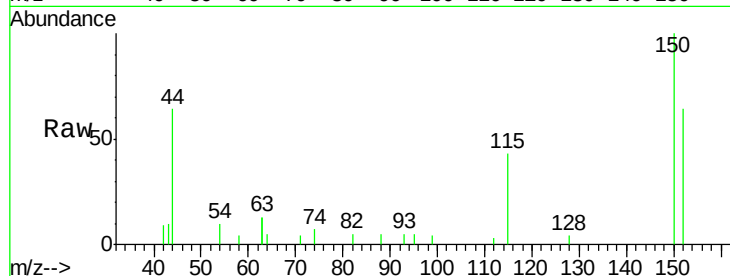
Tgt Ion:152 Resp: 1663

Ion Ratio Lower Upper

152 100

150 155.3 124.2 186.4

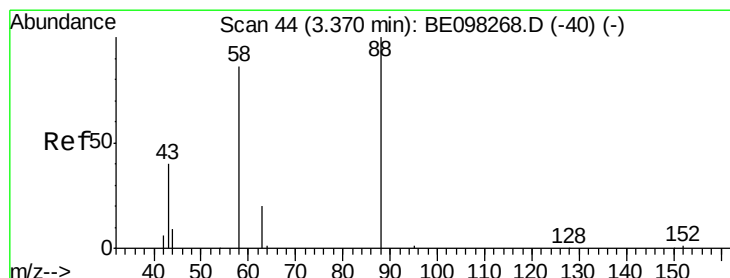
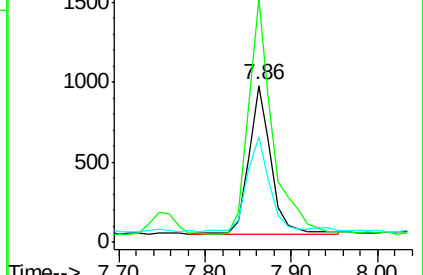
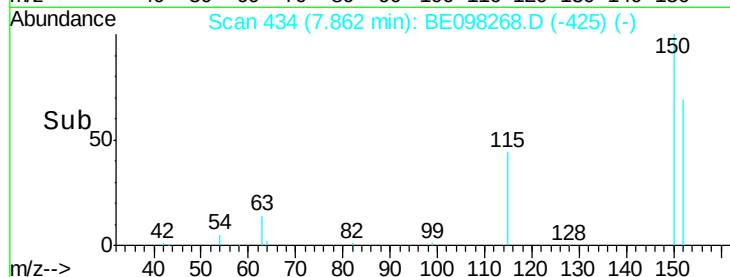
115 67.4 53.9 80.9



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: 0.429 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

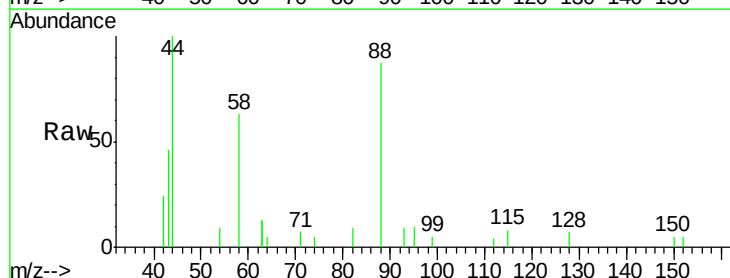
Tgt Ion: 88 Resp: 1119

Ion Ratio Lower Upper

88 100

58 93.8 75.0 112.6

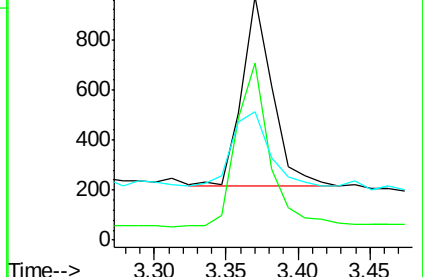
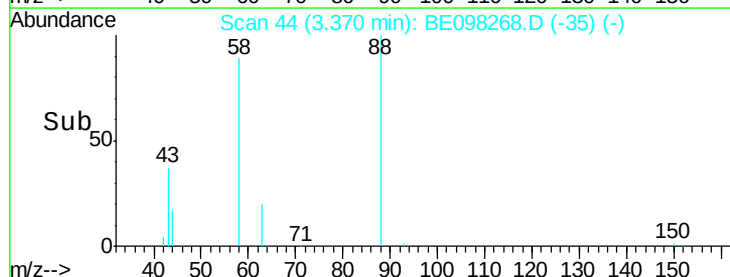
43 47.9 38.3 57.5

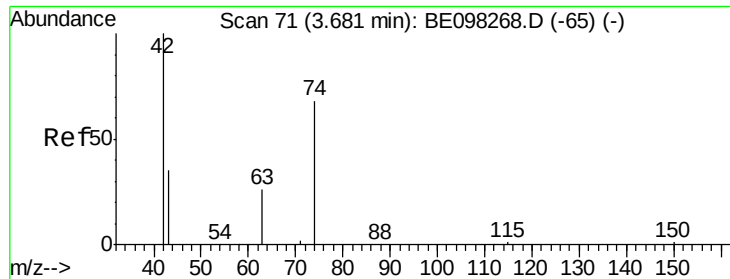


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

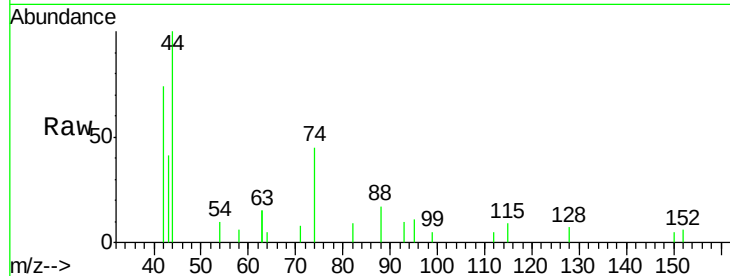




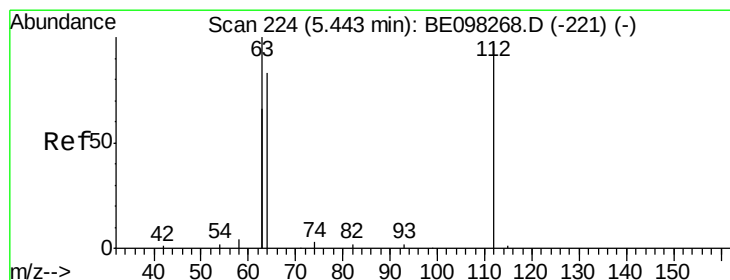
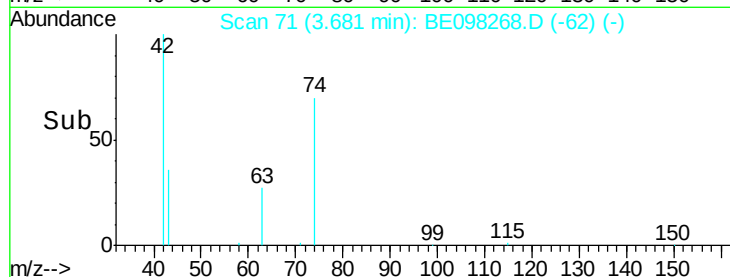
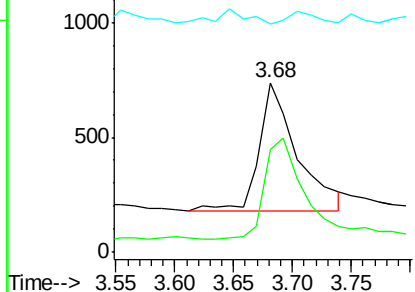
#3
 n-Nitrosodimethylamine
 Concen: 0.430 ng
 RT: 3.68 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BE098268.D
 Acq: 29 Nov 2018 11:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tgt Ion: 42 Resp: 1261
 Ion Ratio Lower Upper
 42 100
 74 0.0 0.0 0.0
 44 0.0 0.0 0.0

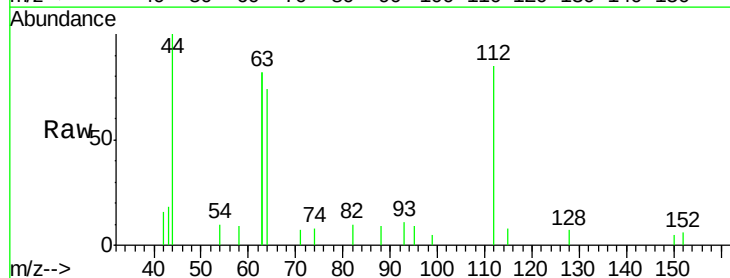


Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0

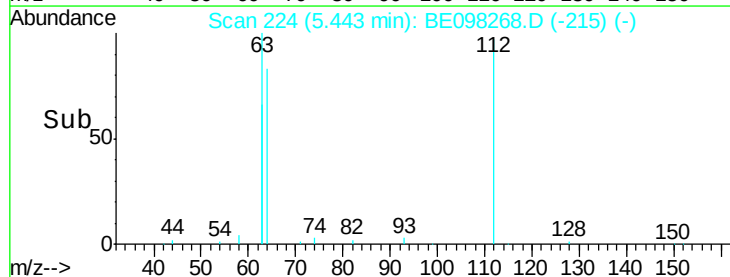
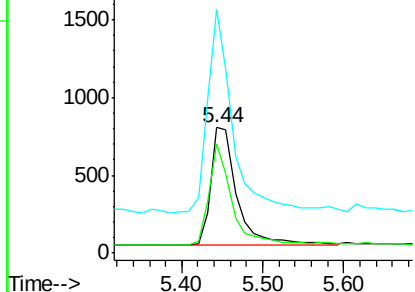


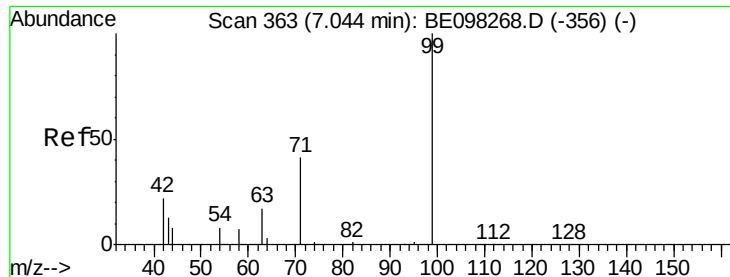
#4
 2-Fluorophenol
 Concen: 0.394 ng
 RT: 5.44 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE098268.D
 Acq: 29 Nov 2018 11:28

Tgt Ion: 112 Resp: 1756
 Ion Ratio Lower Upper
 112 100
 64 74.8 59.8 89.8
 63 167.1 133.7 200.5



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: 0.345 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

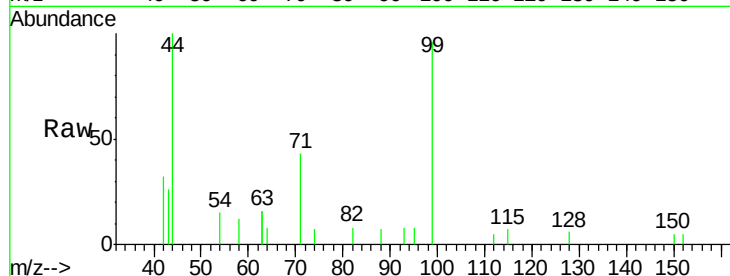
Tgt Ion: 99 Resp: 2417

Ion Ratio Lower Upper

99 100

42 32.9 26.3 39.5

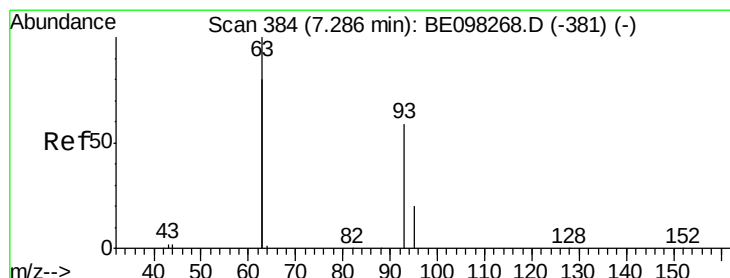
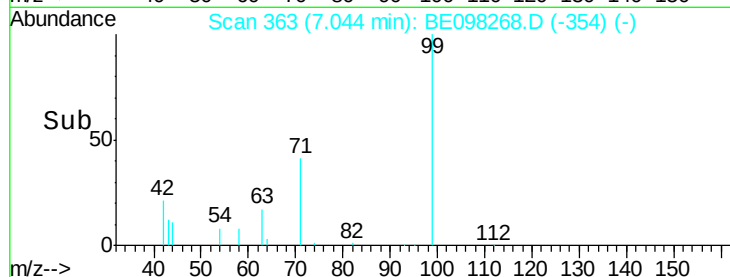
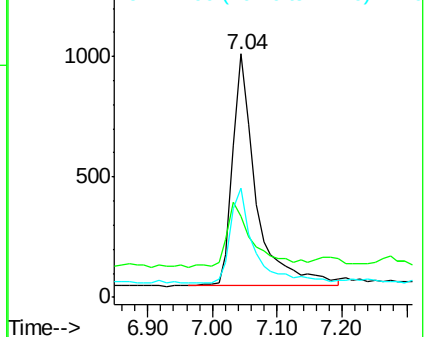
71 42.0 33.6 50.4



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: 0.378 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

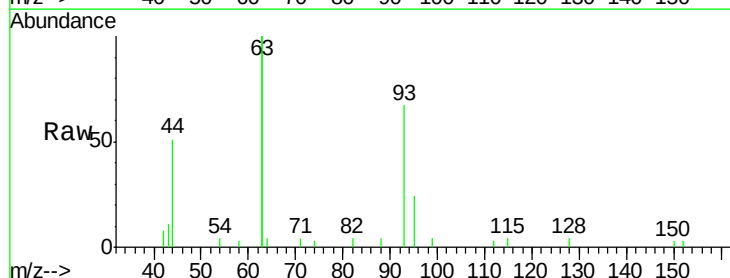
Tgt Ion: 93 Resp: 2266

Ion Ratio Lower Upper

93 100

63 330.5 264.4 396.6

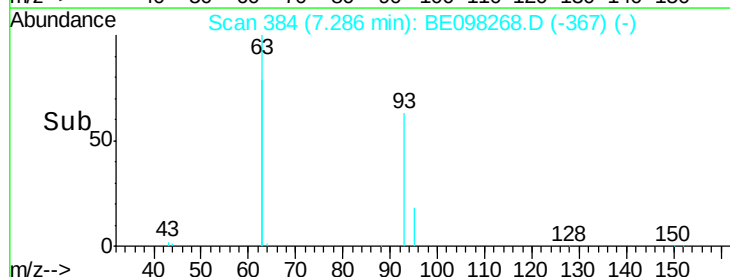
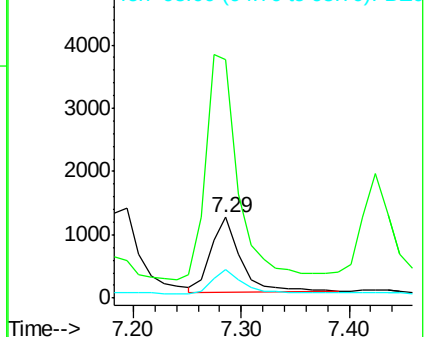
95 33.3 26.6 40.0

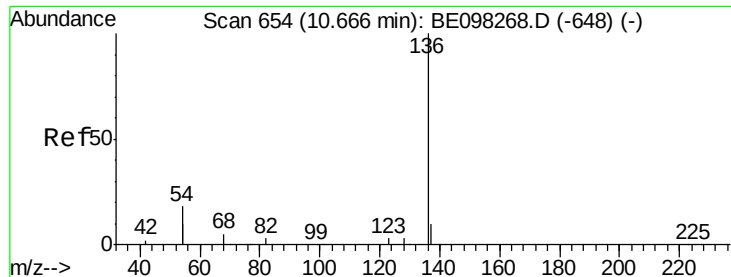


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 6963

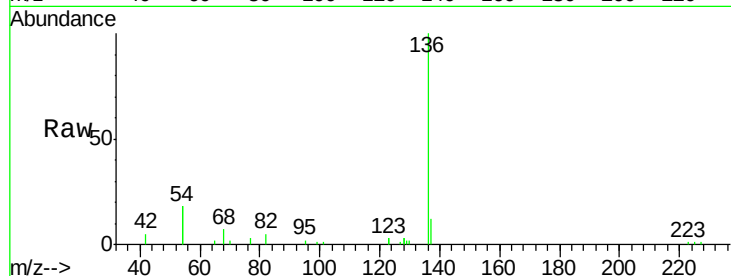
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 35.5 28.4 42.6

68 6.7 5.4 8.0

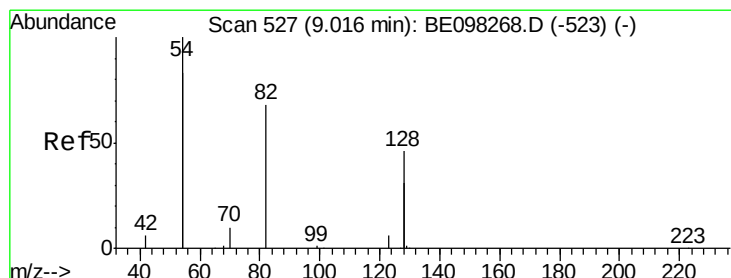
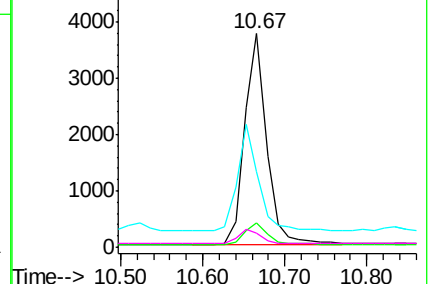
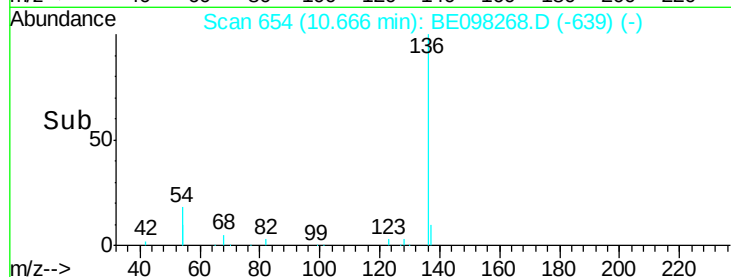


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.418 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

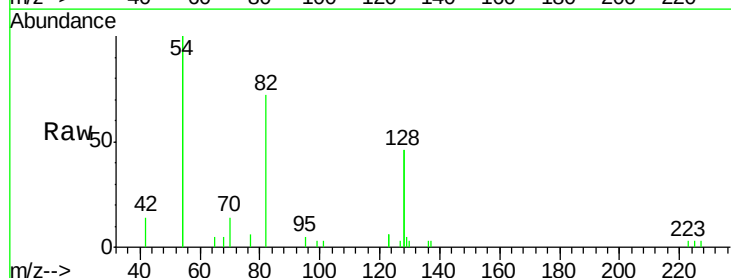
Tgt Ion: 82 Resp: 2747

Ion Ratio Lower Upper

82 100

128 128.0 102.4 153.6

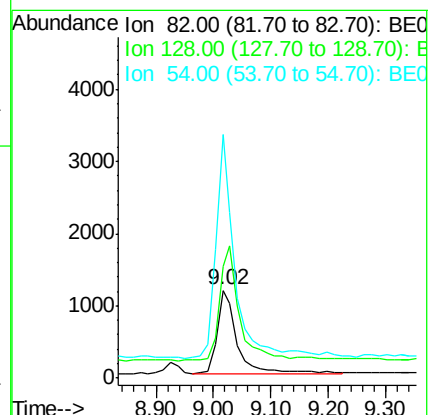
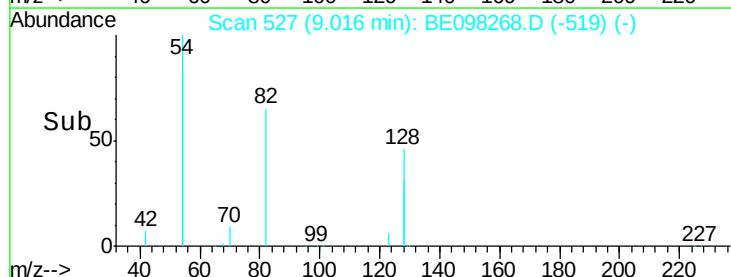
54 277.3 221.8 332.8

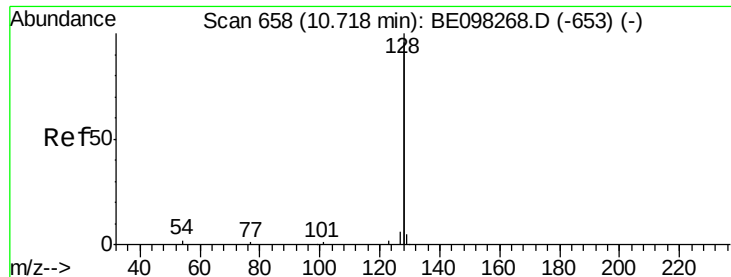


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.392 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

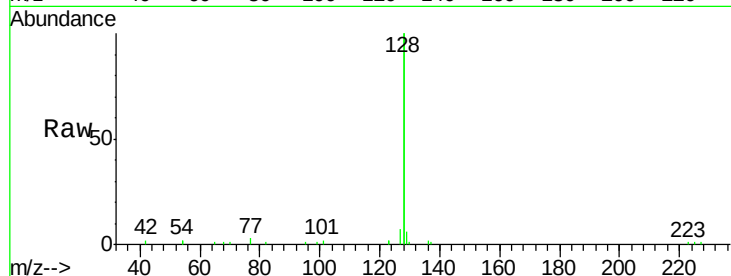
Tgt Ion:128 Resp: 27784

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

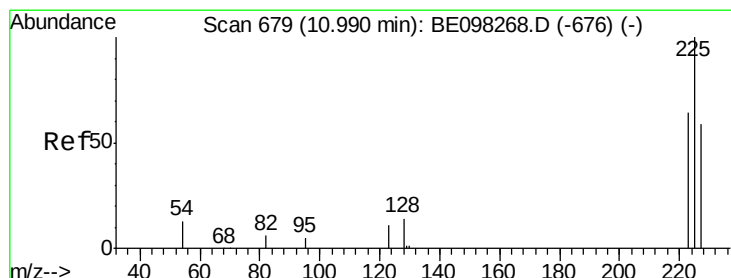
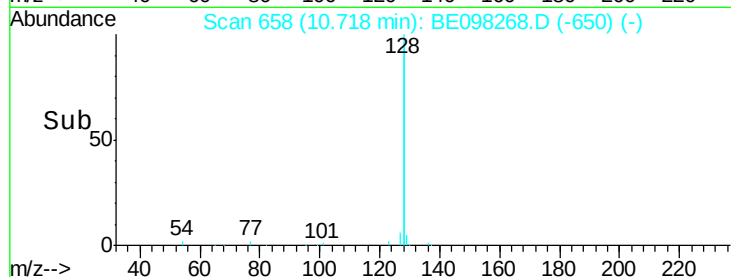
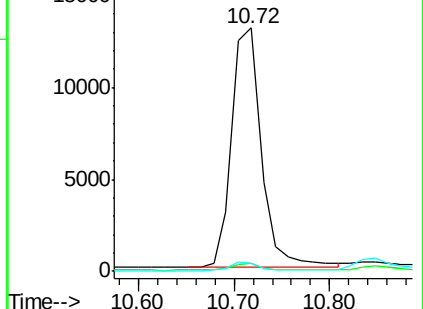
127 3.4 2.7 4.1



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: 0.427 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

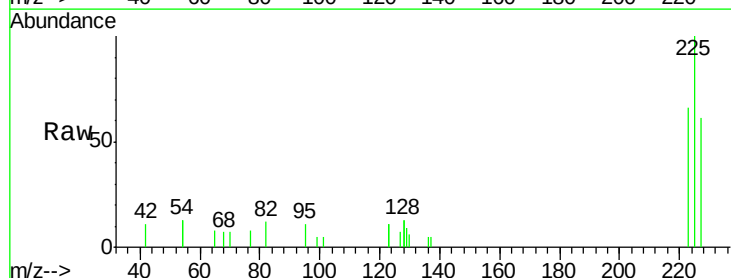
Tgt Ion:225 Resp: 1775

Ion Ratio Lower Upper

225 100

223 61.7 49.4 74.0

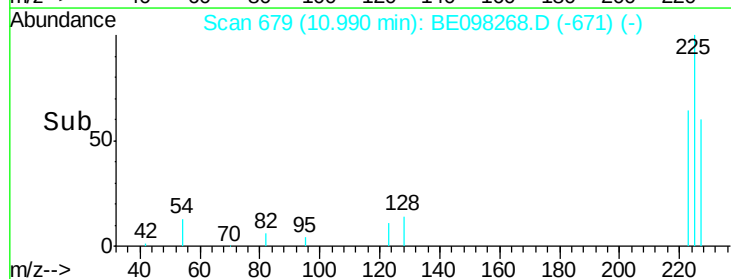
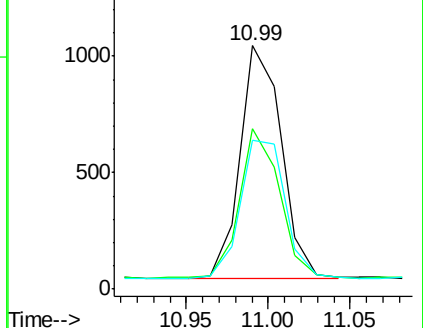
227 64.8 52.0 78.0

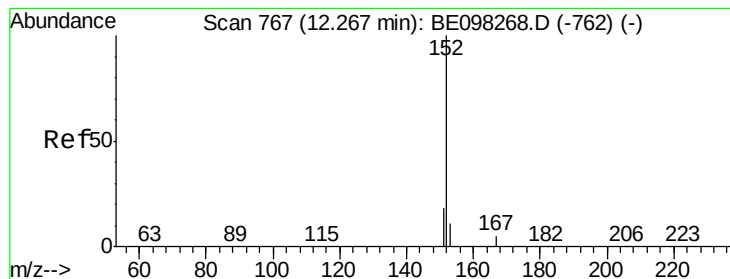


Abundance Ion 225.00 (224.70 to 225.70): E

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: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

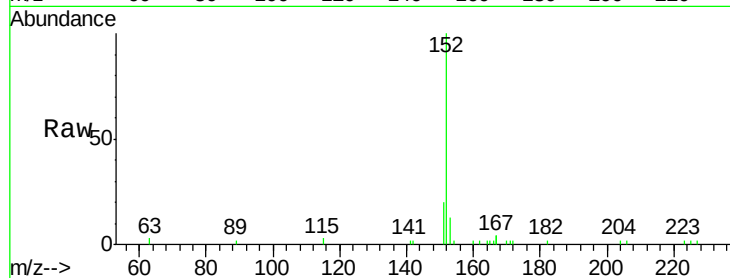
SSTDICCC0.4

Tgt Ion:152 Resp: 4654

Ion Ratio Lower Upper

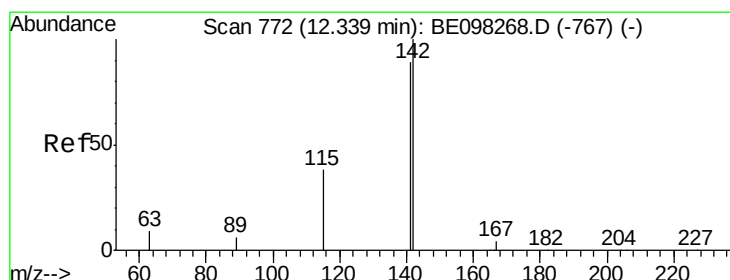
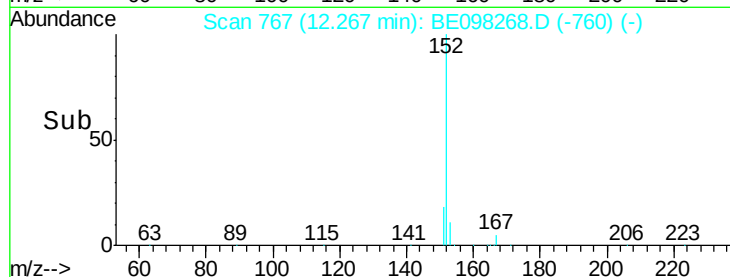
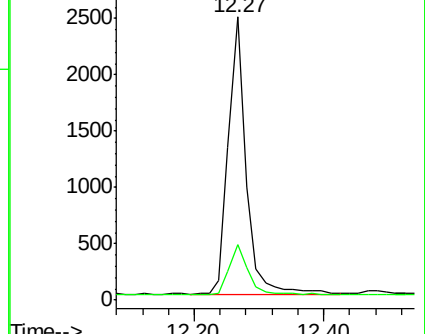
152 100

151 20.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.371 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

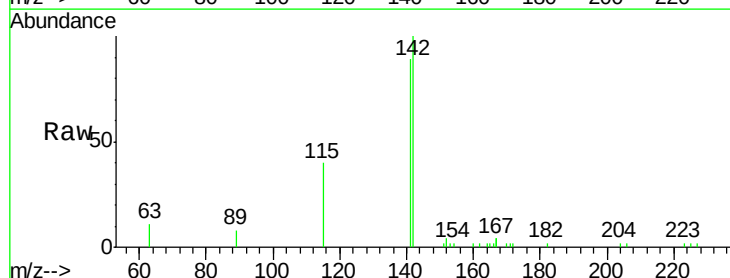
Tgt Ion:142 Resp: 4629

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

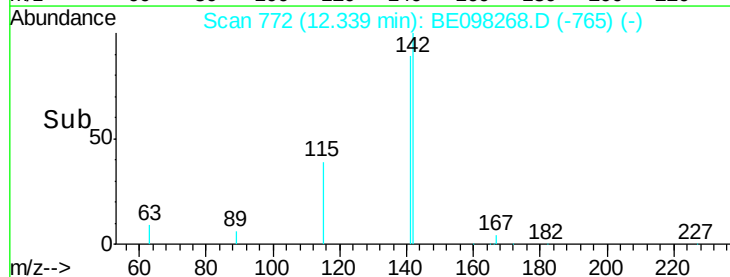
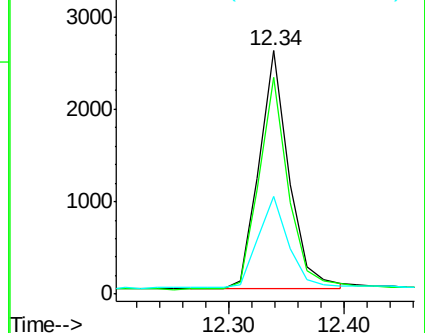
115 40.2 32.2 48.2

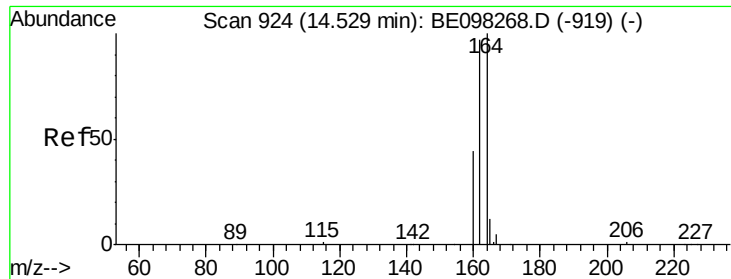


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

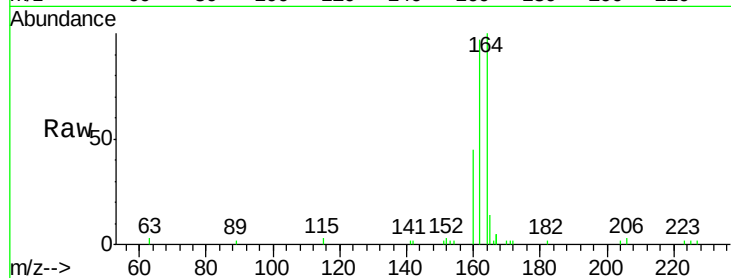




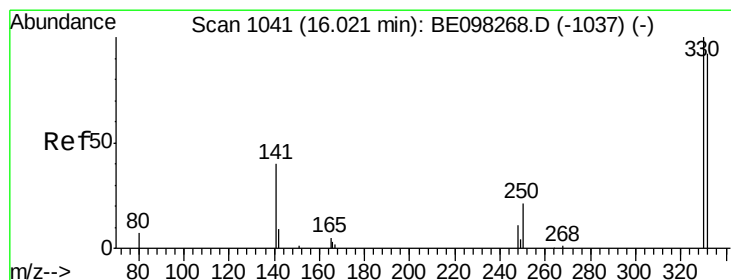
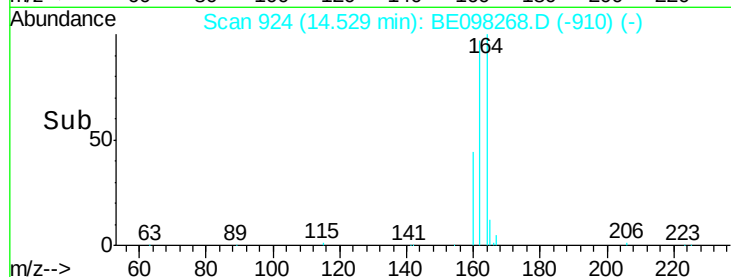
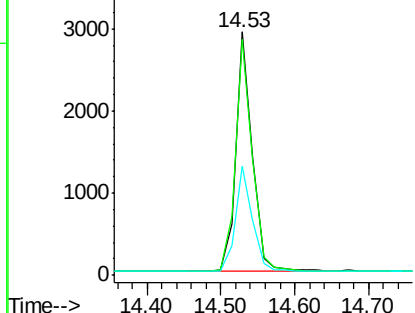
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098268.D
 Acq: 29 Nov 2018 11:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tgt Ion:164 Resp: 4509
 Ion Ratio Lower Upper
 164 100
 162 97.0 77.6 116.4
 160 45.0 36.0 54.0

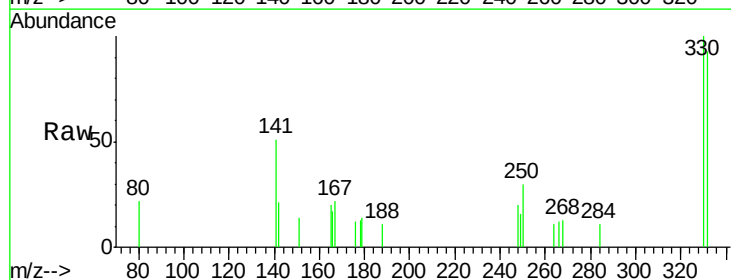


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

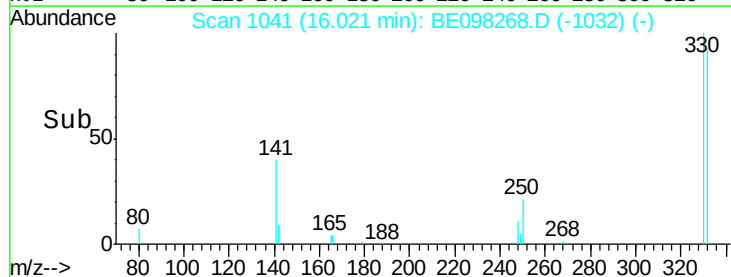
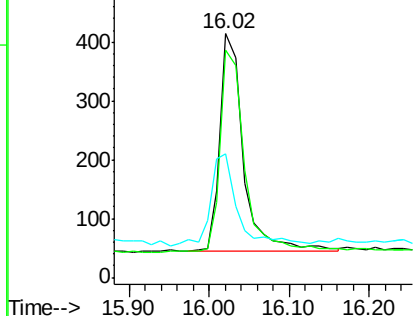


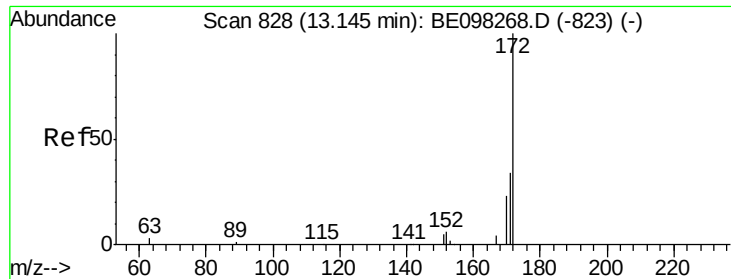
#14
 2,4,6-Tribromophenol
 Concen: 0.518 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BE098268.D
 Acq: 29 Nov 2018 11:28

Tgt Ion:330 Resp: 752
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 48.7 39.0 58.4



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

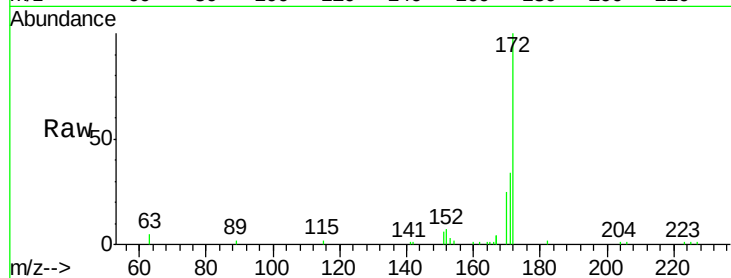




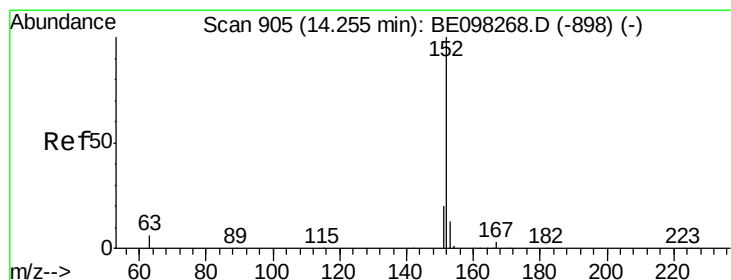
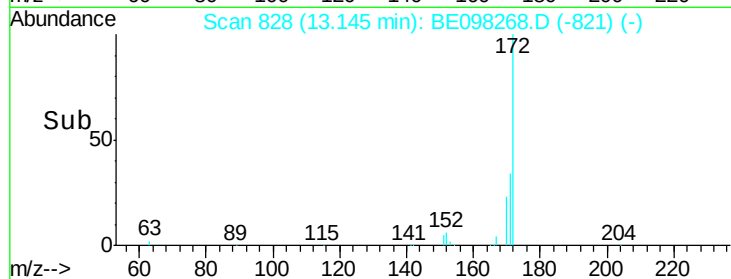
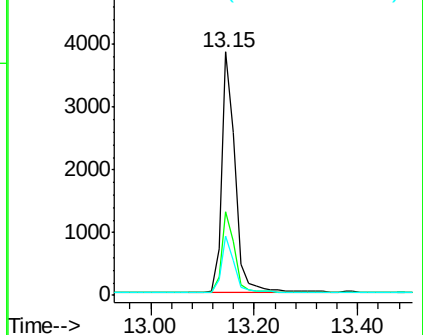
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098268.D
Acq: 29 Nov 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 6973
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 24.5 19.6 29.4

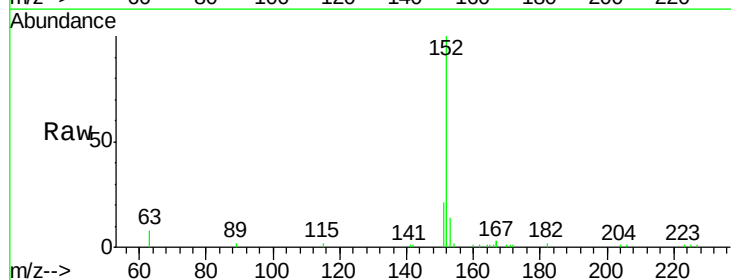


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

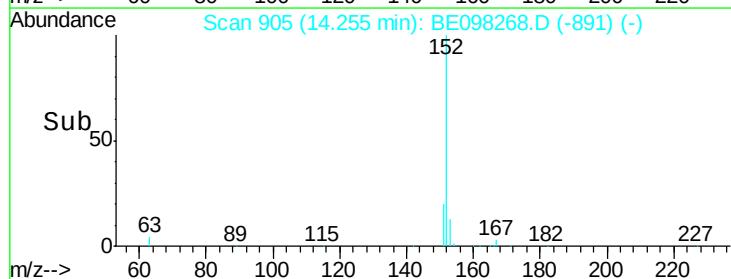
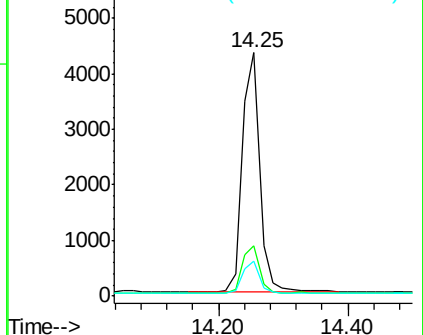


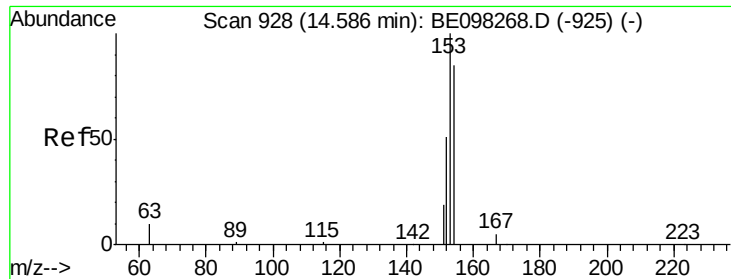
#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098268.D
Acq: 29 Nov 2018 11:28

Tgt Ion:152 Resp: 8176
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.3 10.6 16.0



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: 0.381 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

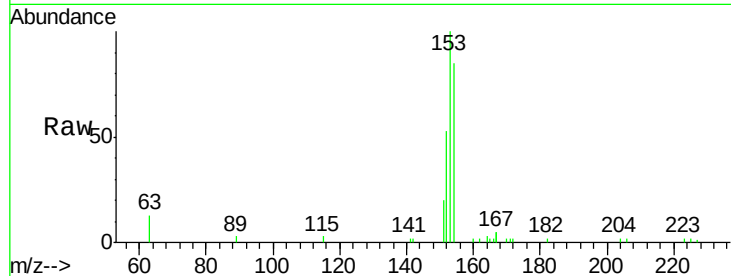
Tgt Ion:154 Resp: 4877

Ion Ratio Lower Upper

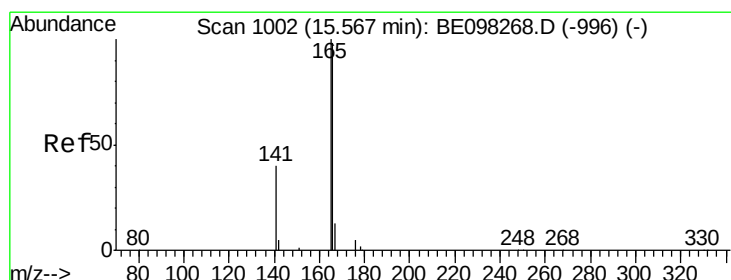
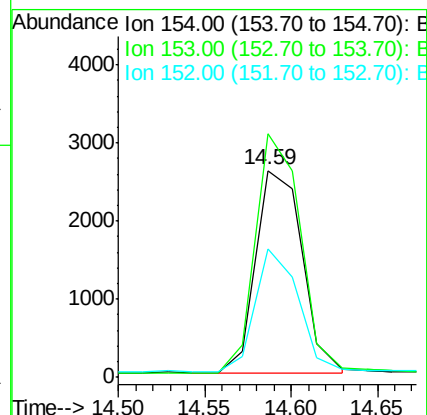
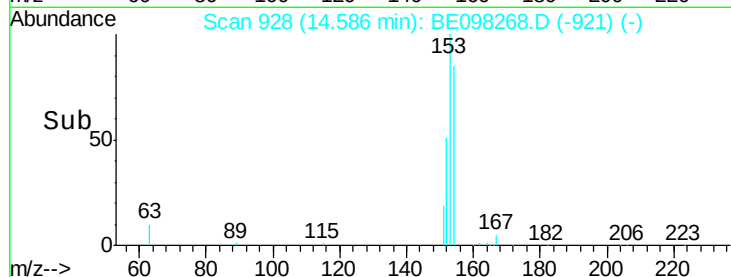
154 100

153 114.5 91.8 137.6

152 56.9 45.5 68.3



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: 0.403 ng

RT: 15.57 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

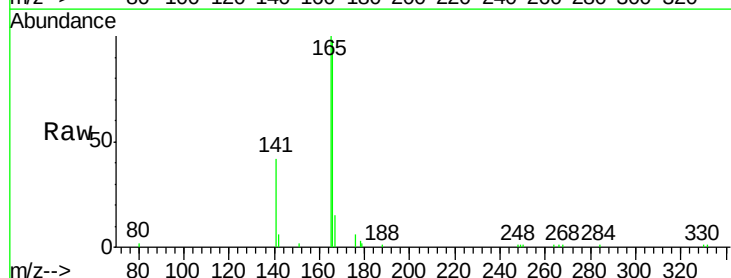
Tgt Ion:166 Resp: 6581

Ion Ratio Lower Upper

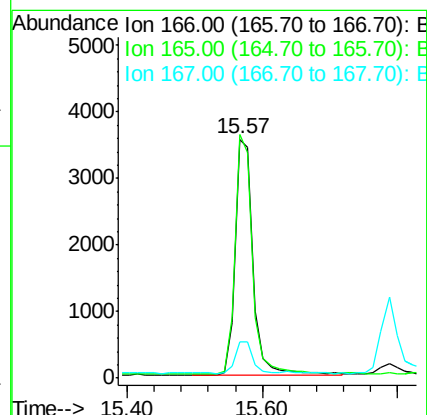
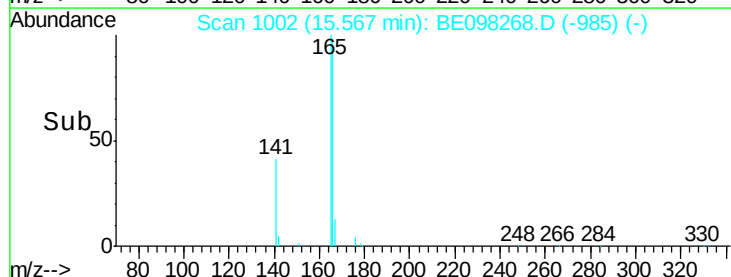
166 100

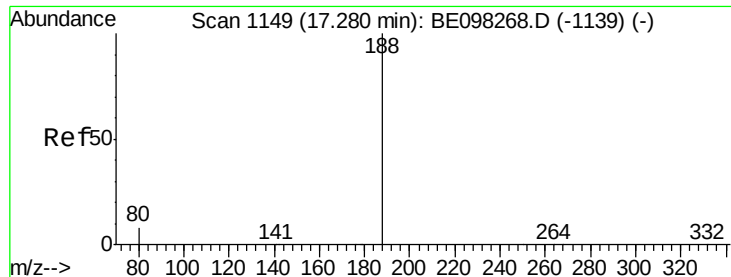
165 99.1 79.3 118.9

167 14.1 11.3 16.9



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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

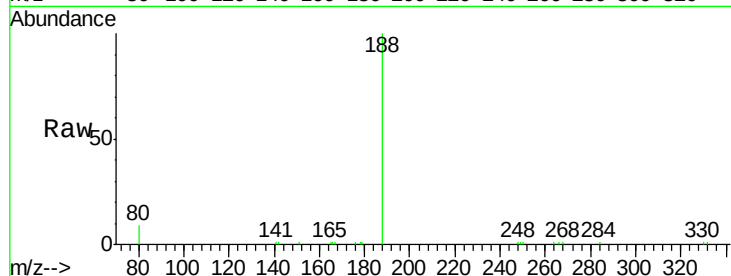
Tgt Ion:188 Resp: 11622

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

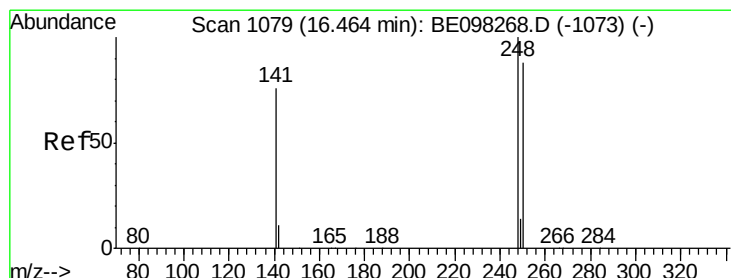
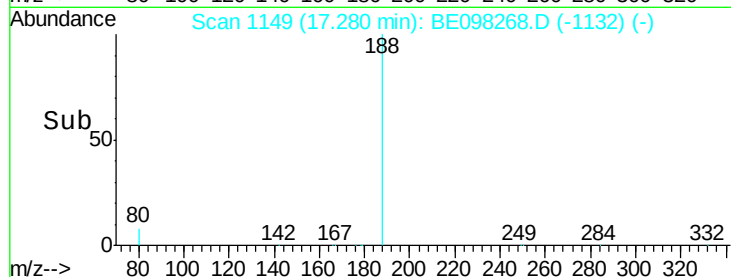
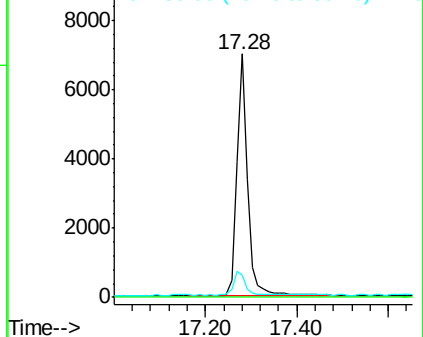
80 9.0 7.2 10.8



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: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

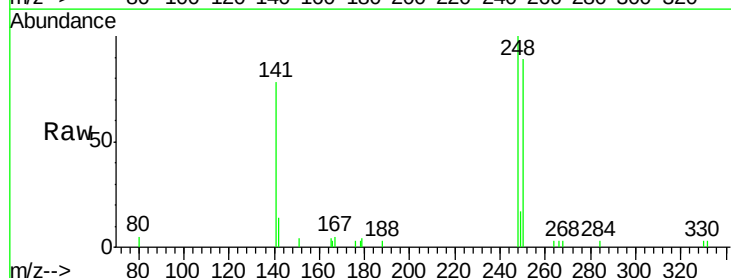
Tgt Ion:248 Resp: 2592

Ion Ratio Lower Upper

248 100

250 88.8 71.0 106.6

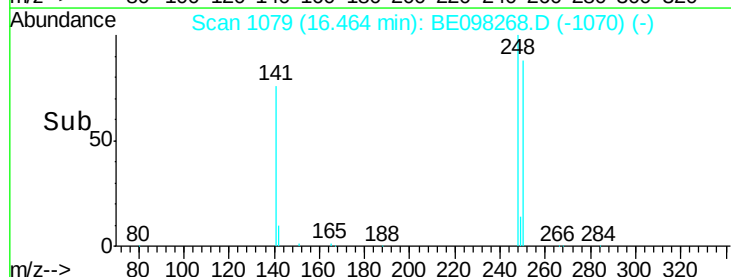
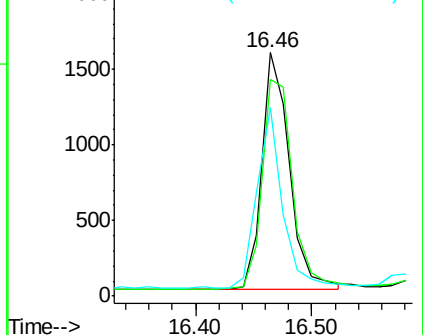
141 77.6 62.1 93.1

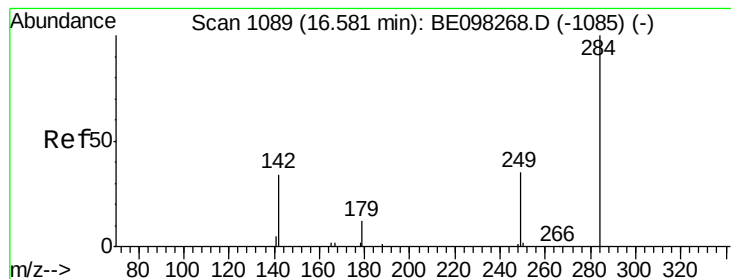


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.367 ng

RT: 16.58 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

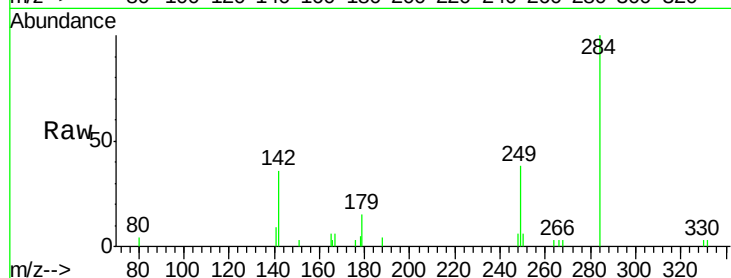
Tgt Ion:284 Resp: 2722

Ion Ratio Lower Upper

284 100

142 32.9 26.3 39.5

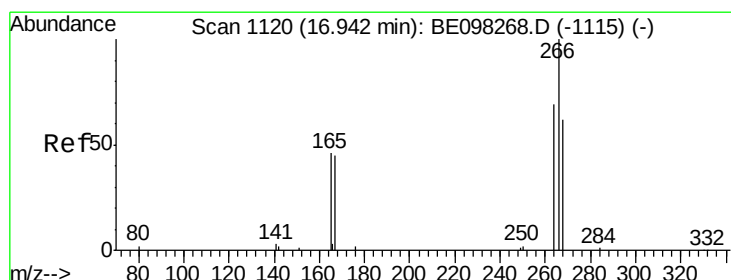
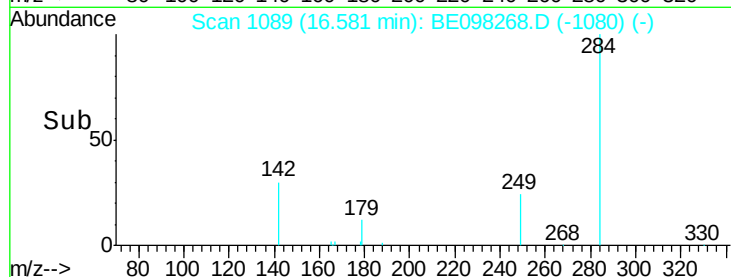
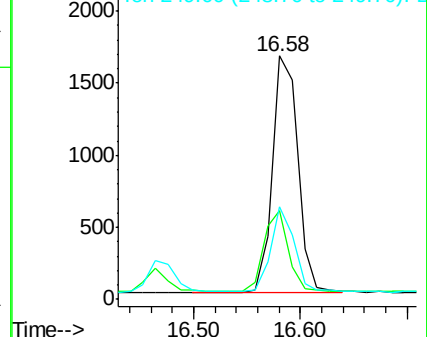
249 32.6 26.0 39.0



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: 0.677 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

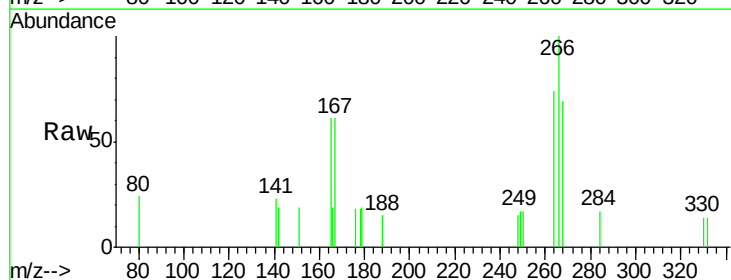
Tgt Ion:266 Resp: 694

Ion Ratio Lower Upper

266 100

264 73.7 59.0 88.4

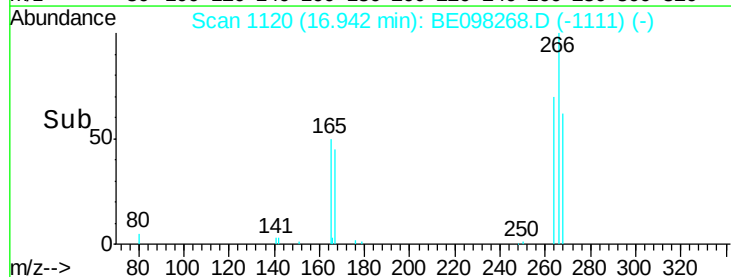
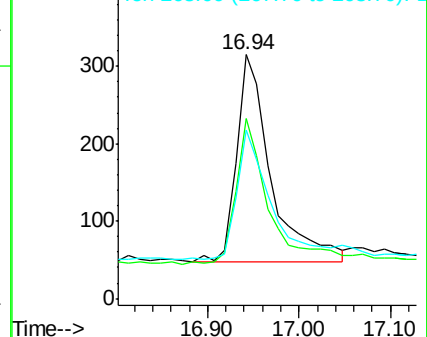
268 68.9 55.1 82.7

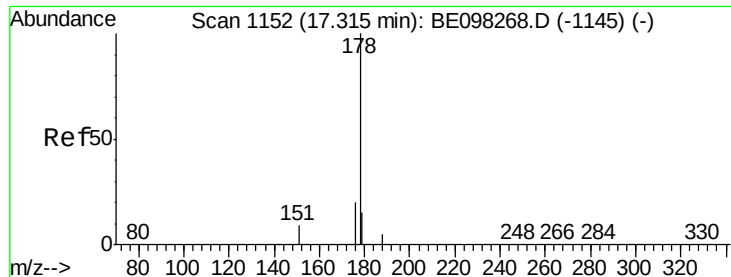


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.380 ng

RT: 17.31 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

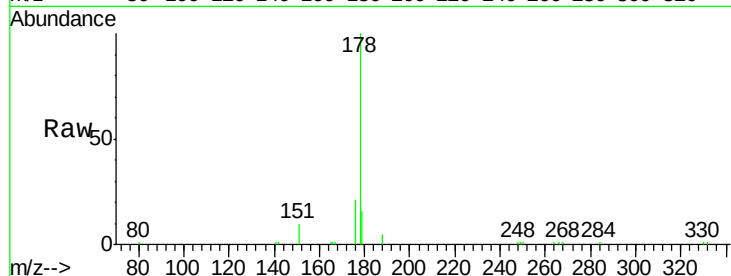
Tgt Ion:178 Resp: 11368

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

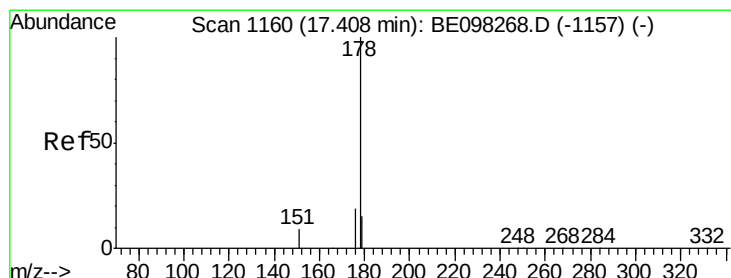
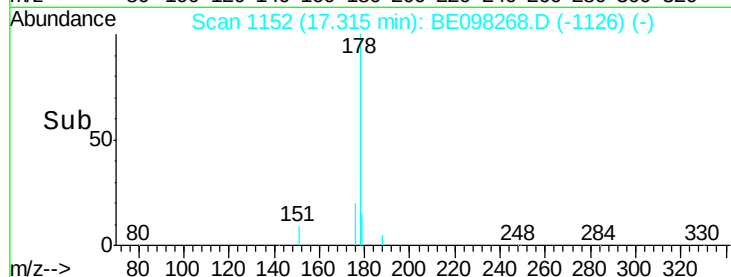
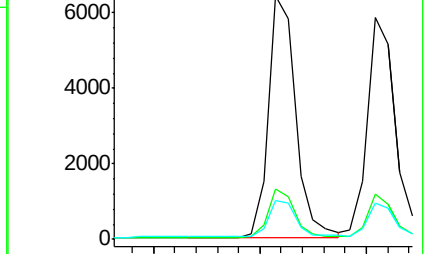
179 15.4 12.3 18.5



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: 0.384 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

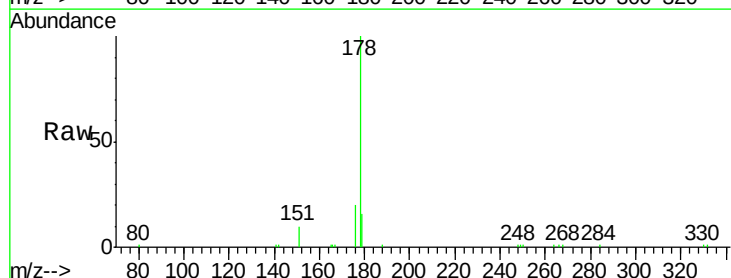
Tgt Ion:178 Resp: 10427

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

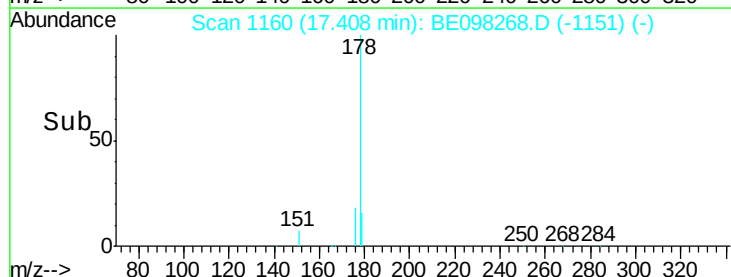
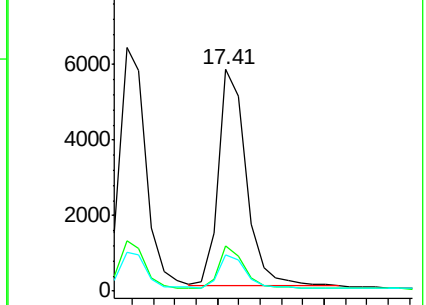
179 15.4 12.3 18.5

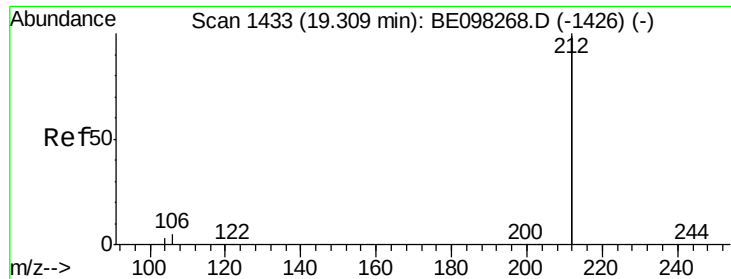


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.432 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

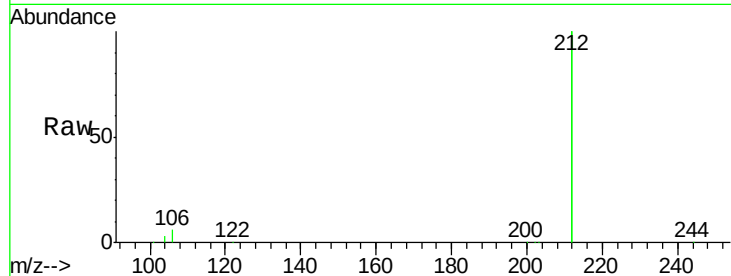
Tgt Ion:212 Resp: 61072

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

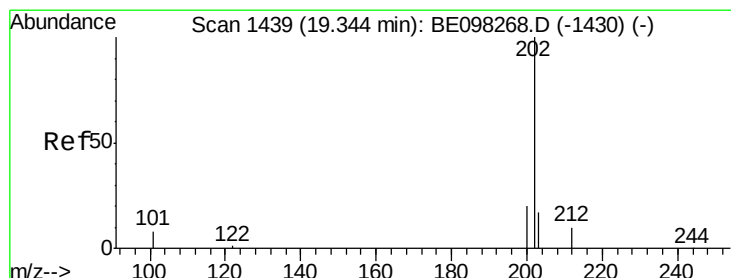
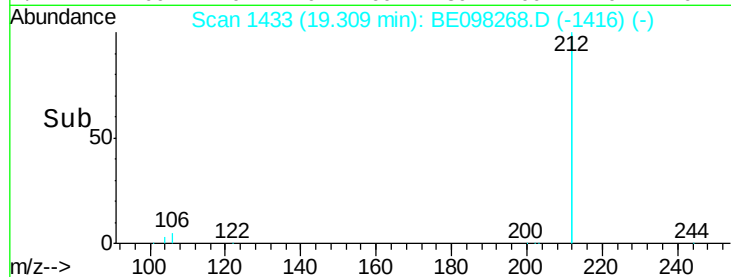
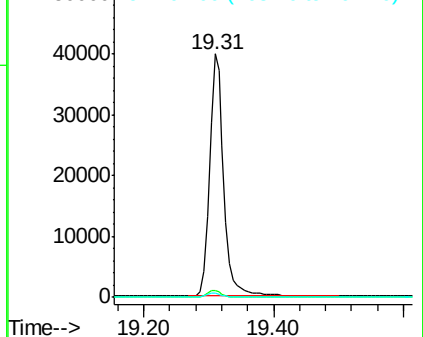
104 1.6 1.3 1.9



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: 0.423 ng

RT: 19.34 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

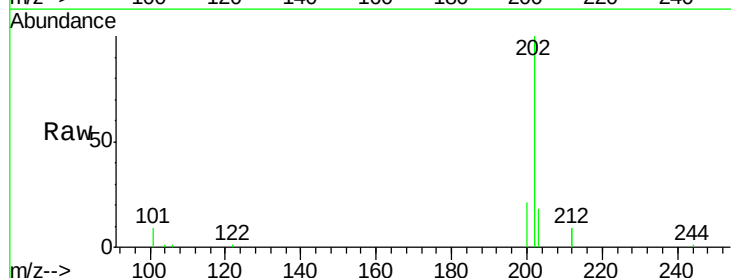
Tgt Ion:202 Resp: 15166

Ion Ratio Lower Upper

202 100

101 10.0 8.0 12.0

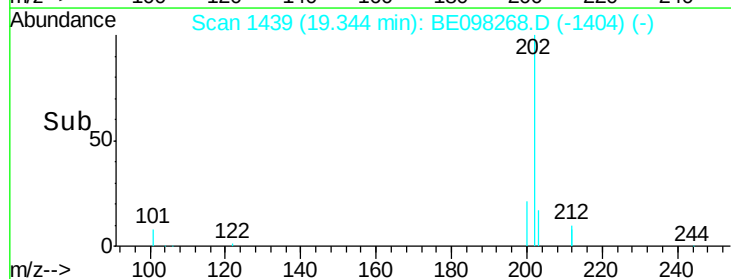
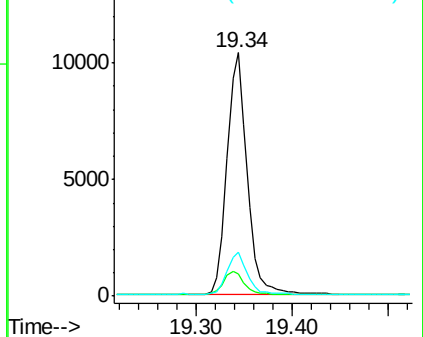
203 17.2 13.8 20.6

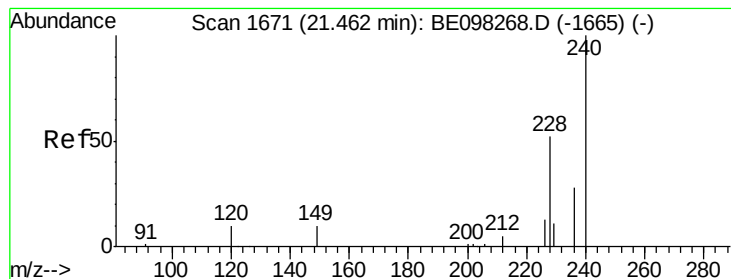


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

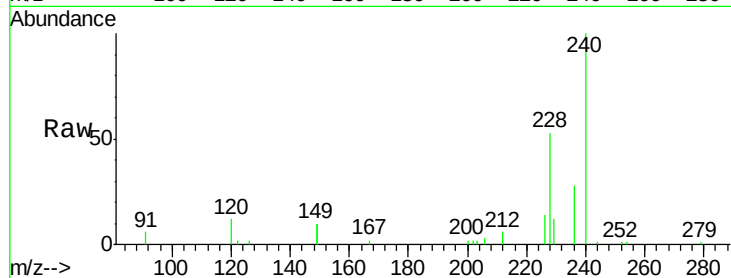
Tgt Ion:240 Resp: 13255

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

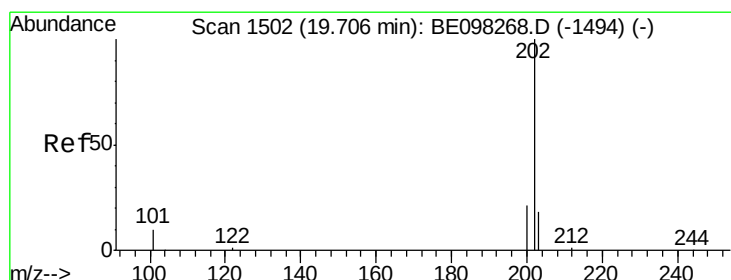
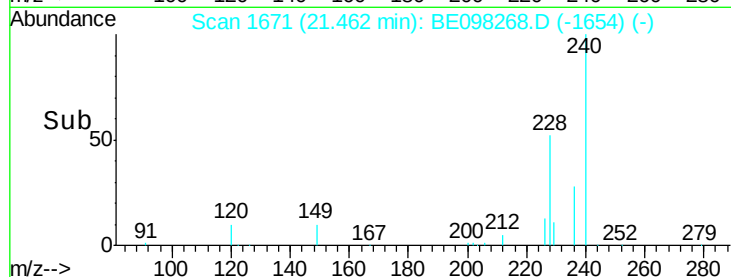
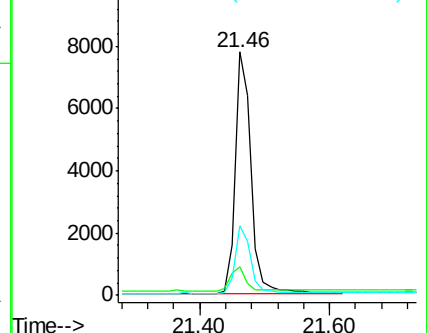
236 28.4 22.7 34.1



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: 0.407 ng

RT: 19.71 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

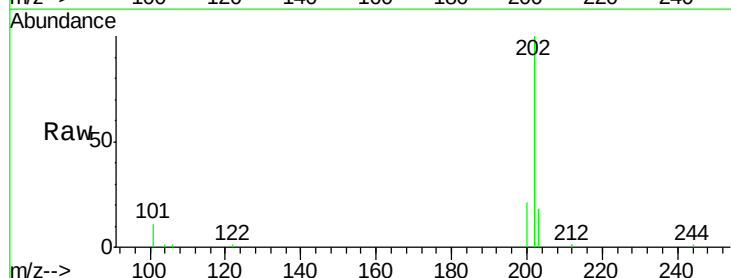
Tgt Ion:202 Resp: 15776

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

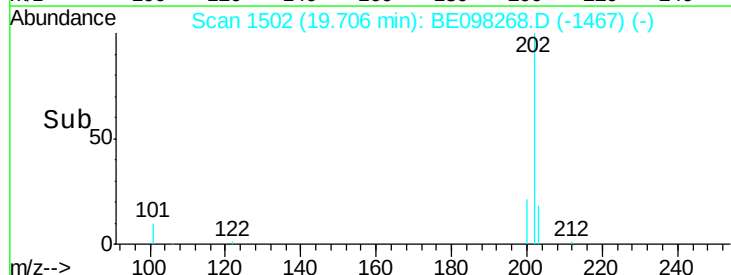
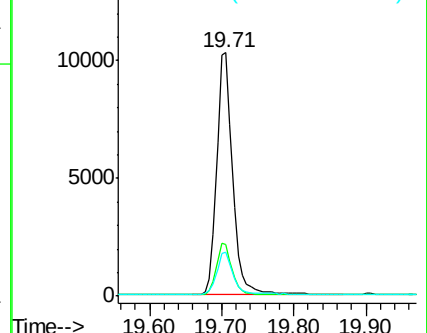
203 17.6 14.1 21.1

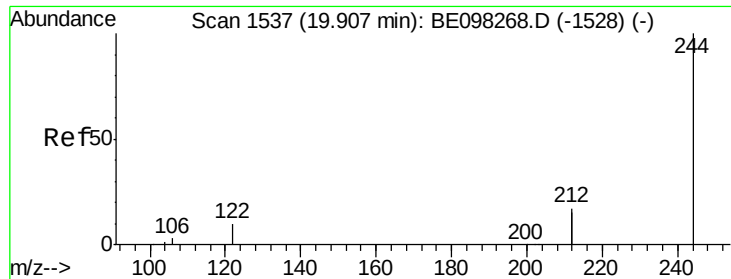


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

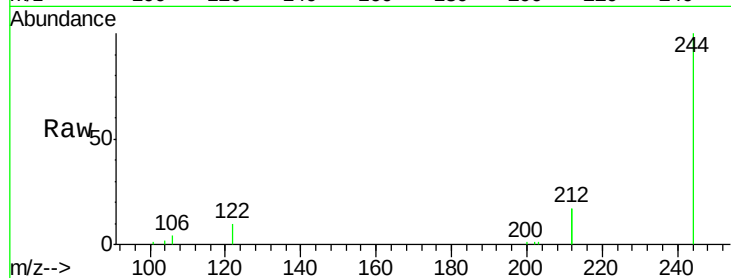
Tgt Ion:244 Resp: 12398

Ion Ratio Lower Upper

244 100

212 34.2 27.4 41.0

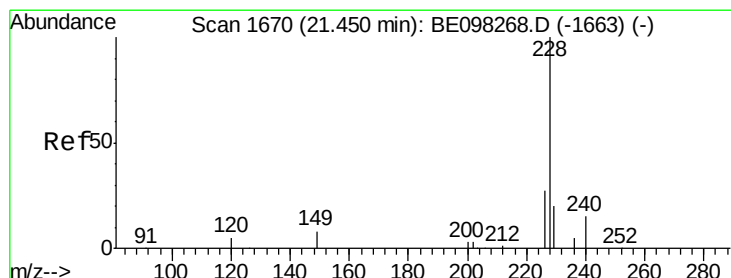
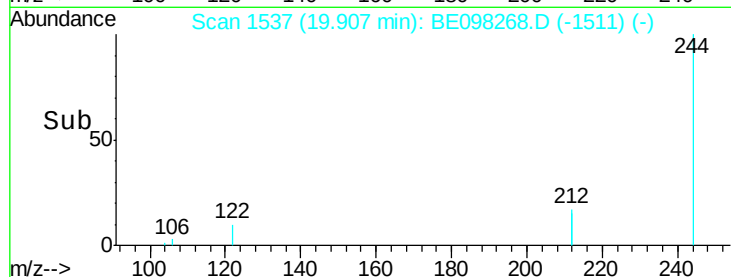
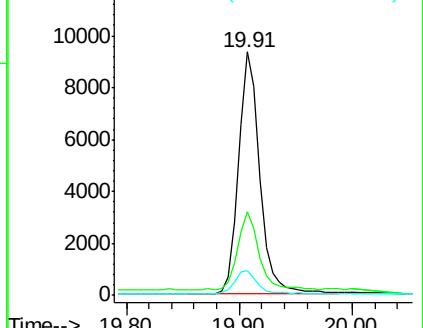
122 10.4 8.3 12.5



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: 0.394 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

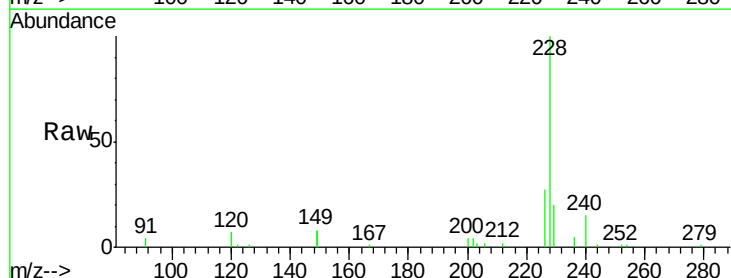
Tgt Ion:228 Resp: 15100

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

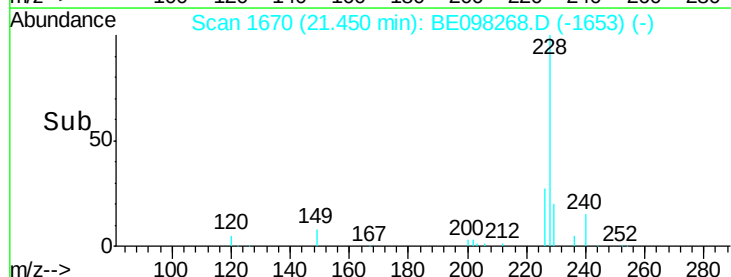
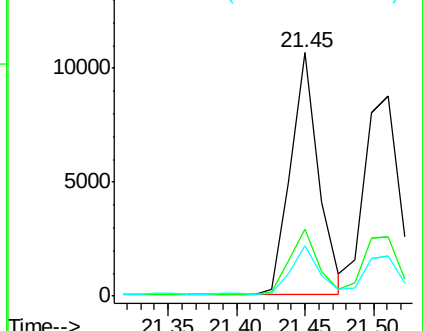
229 20.4 16.3 24.5

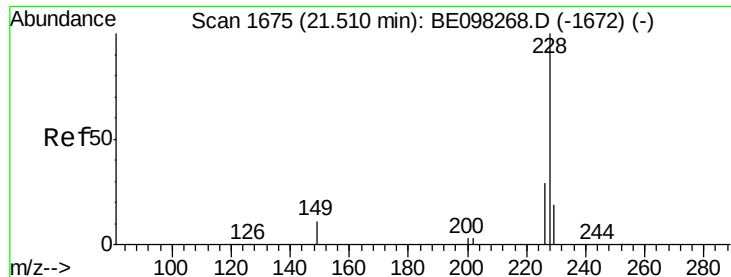


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

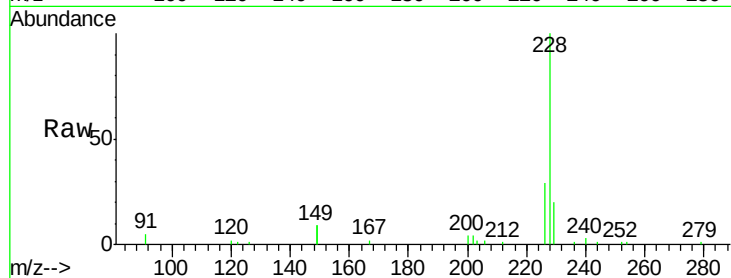
Tgt Ion:228 Resp: 15546

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

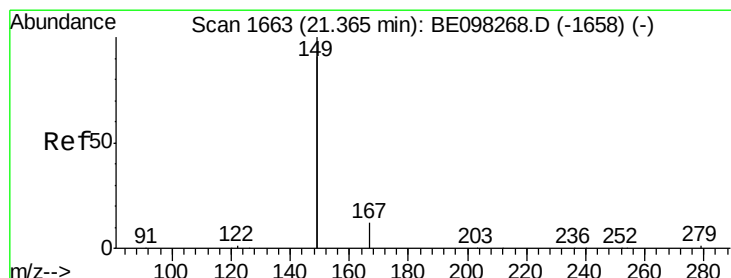
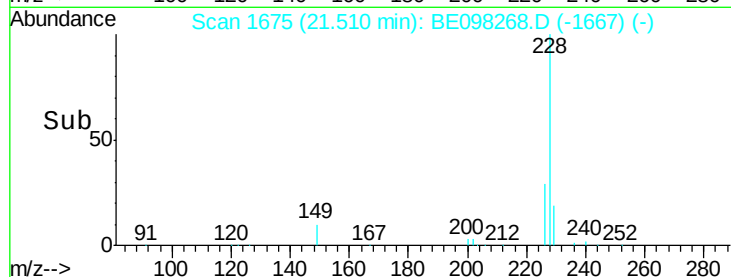
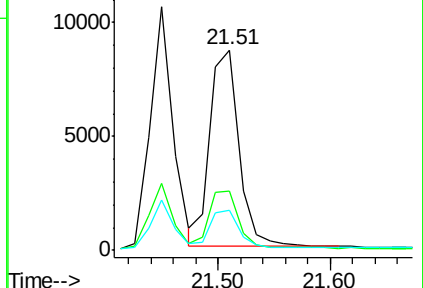
229 20.3 16.2 24.4



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: 0.612 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

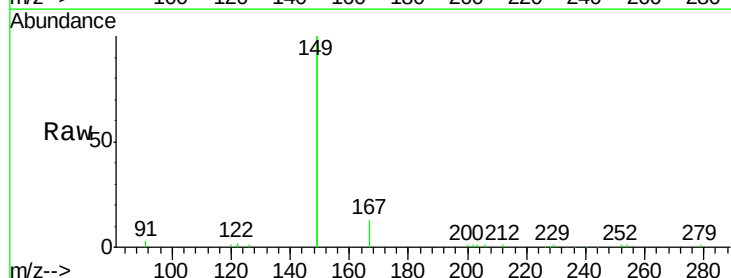
Tgt Ion:149 Resp: 36585

Ion Ratio Lower Upper

149 100

167 7.1 5.7 8.5

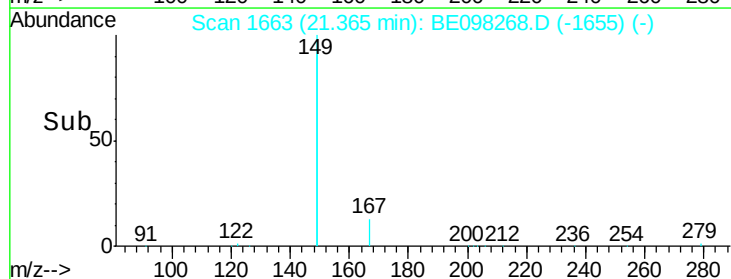
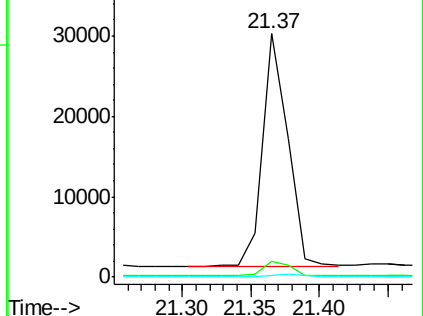
279 1.2 1.0 1.4

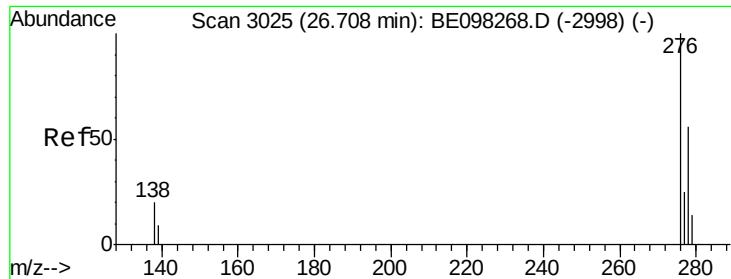


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.443 ng

RT: 26.71 min Scan# 3025

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

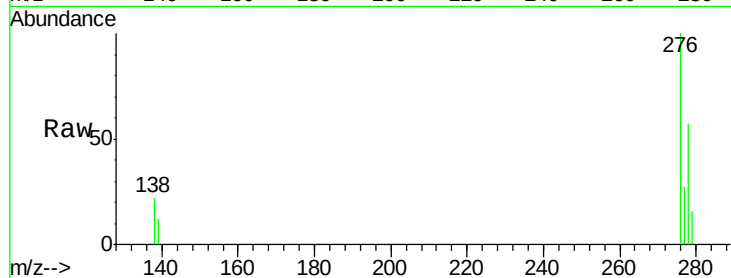
Tgt Ion:276 Resp: 14976

Ion Ratio Lower Upper

276 100

138 20.4 16.3 24.5

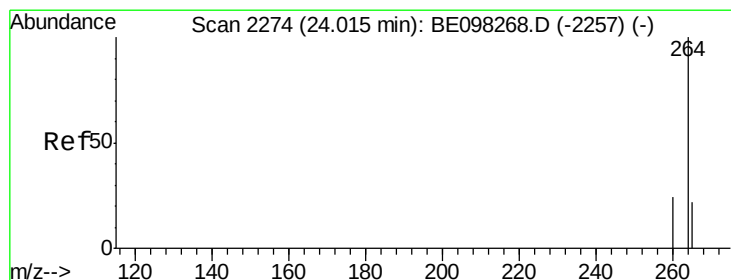
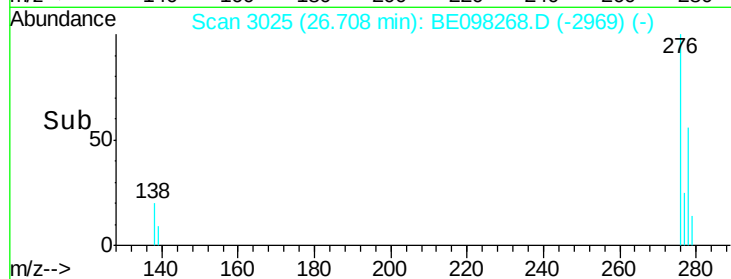
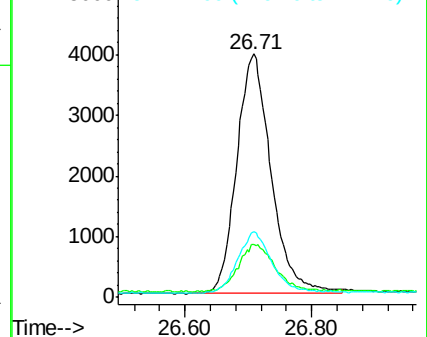
277 25.3 20.2 30.4



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: 24.02 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

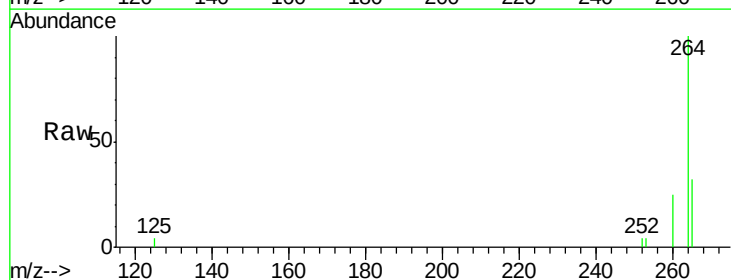
Tgt Ion:264 Resp: 11938

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

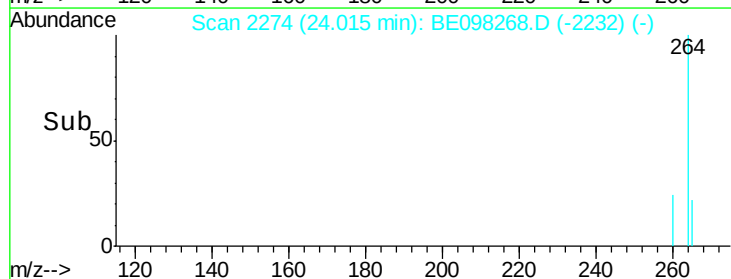
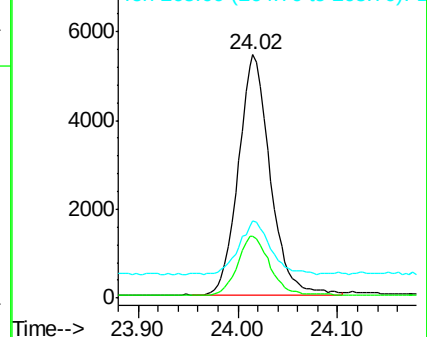
265 31.5 25.2 37.8

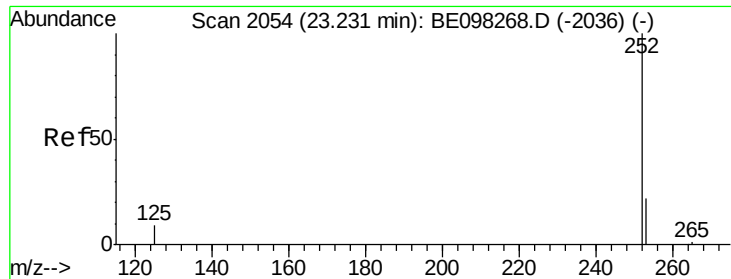


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.408 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

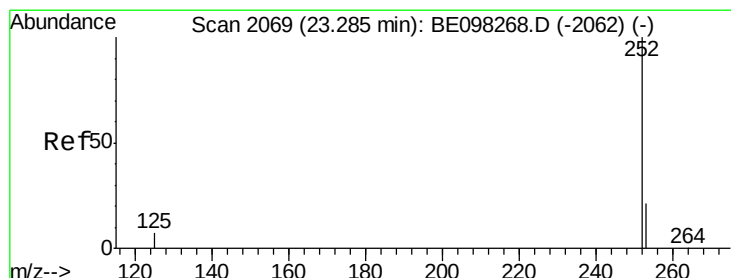
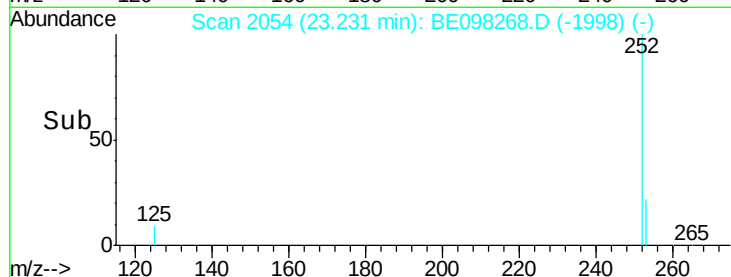
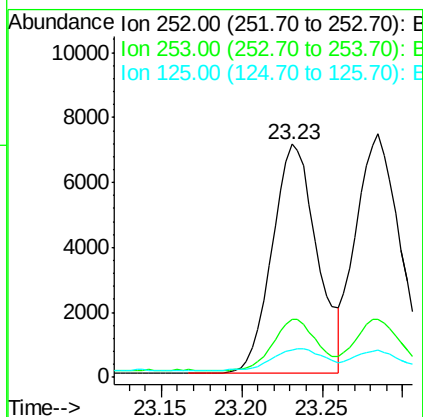
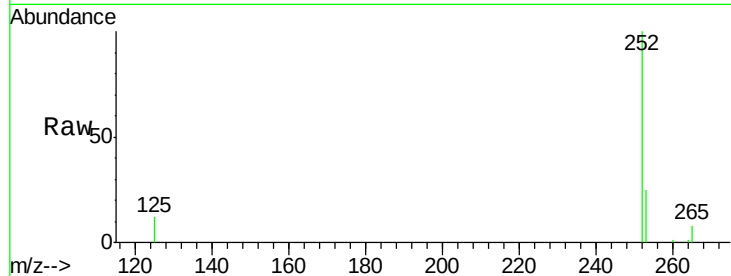
Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion:	252	Resp:	13766
Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.0	30.0
125	12.0	9.6	14.4



#36

Benzo(k)fluoranthene

Concen: 0.373 ng

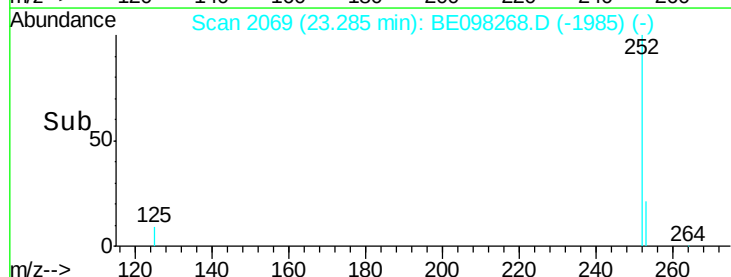
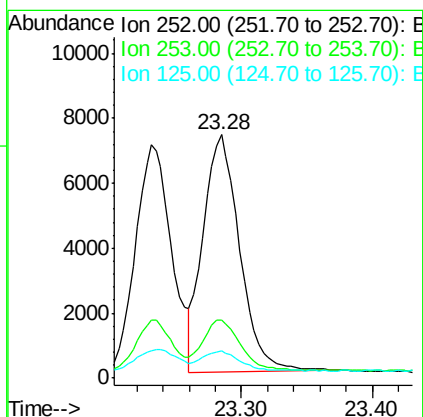
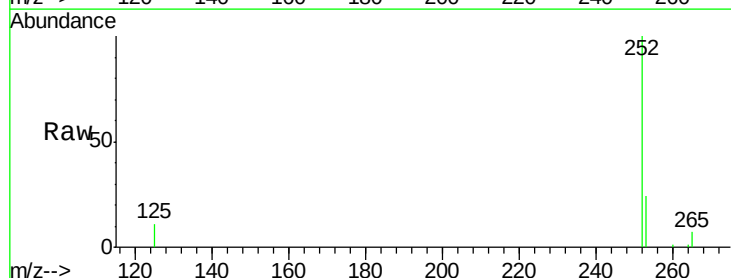
RT: 23.28 min Scan# 2069

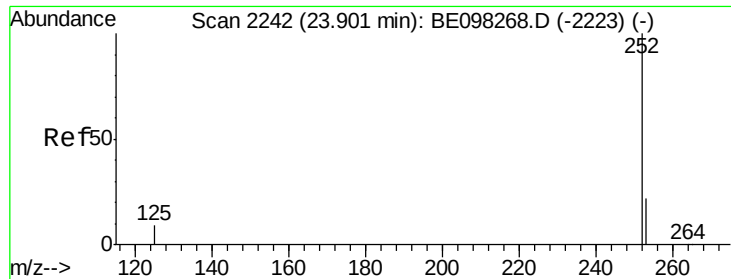
Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Tgt Ion:	252	Resp:	14185
Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.6
125	11.4	9.1	13.7





#37

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.90 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

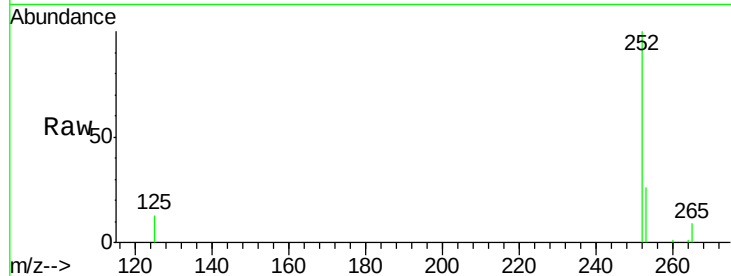
Tgt Ion:252 Resp: 13225

Ion Ratio Lower Upper

252 100

253 25.7 20.6 30.8

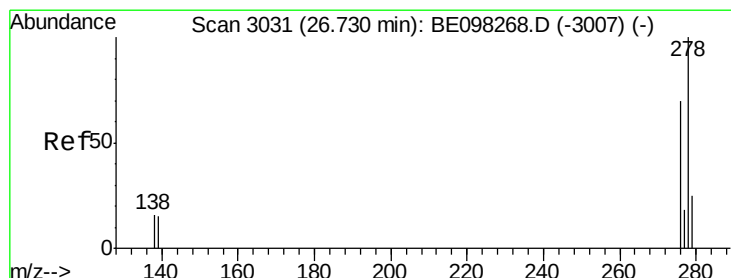
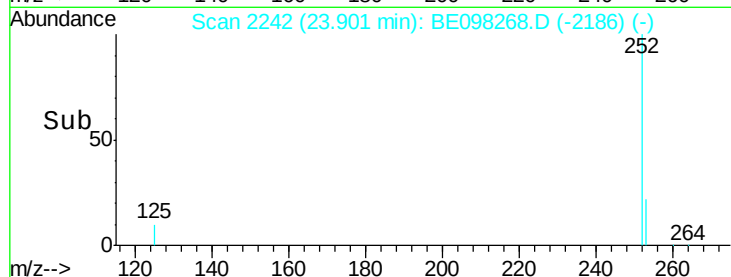
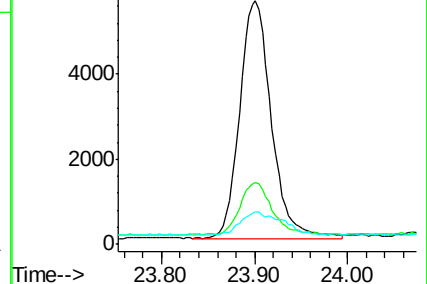
125 13.1 10.5 15.7



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: 0.472 ng

RT: 26.73 min Scan# 3031

Delta R.T. 0.00 min

Lab File: BE098268.D

Acq: 29 Nov 2018 11:28

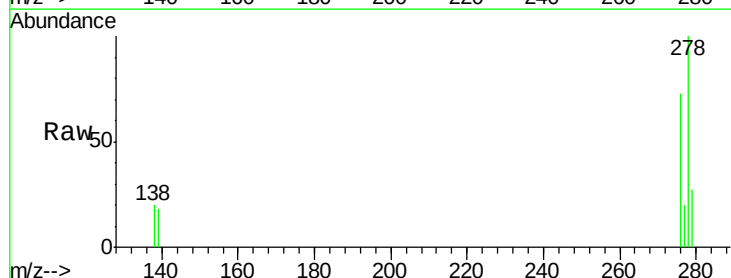
Tgt Ion:278 Resp: 12524

Ion Ratio Lower Upper

278 100

139 18.1 14.5 21.7

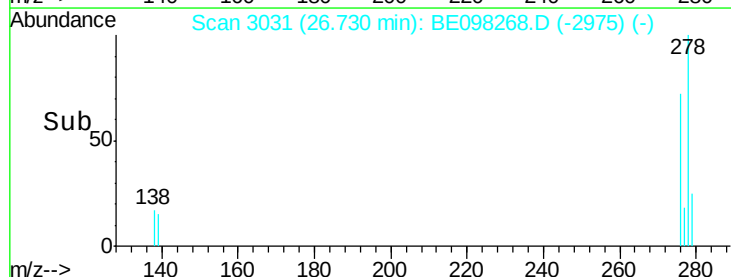
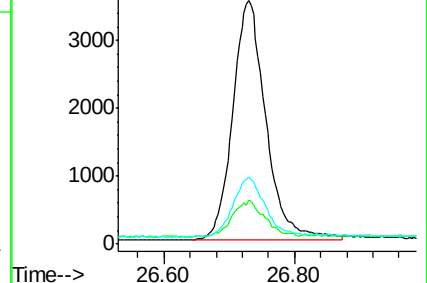
279 27.3 21.8 32.8

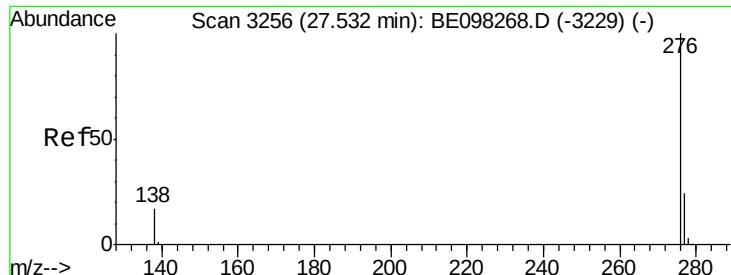


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.434 ng

RT: 27.53 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BE098268.D

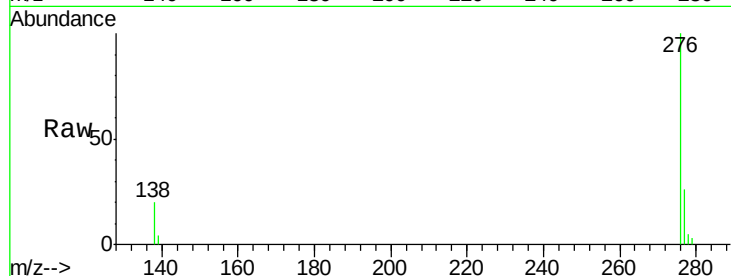
Acq: 29 Nov 2018 11:28

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4



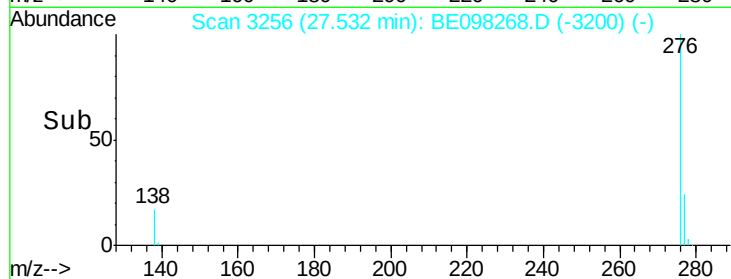
Tgt Ion: 276 Resp: 12394

Ion Ratio Lower Upper

276 100

277 26.0 20.8 31.2

138 19.7 15.8 23.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

