

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112918\
 Data File : BE098267.D
 Acq On : 29 Nov 2018 10:53
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Nov 29 12:19:29 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	1568	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6922	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4319	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	11511	0.40	ng	0.00
27) Chrysene-d12	21.46	240	13234	0.40	ng	0.00
34) Perylene-d12	24.02	264	12026	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	840	0.20	ng	0.01
5) Phenol-d6	7.04	99	1298	0.20	ng	0.00
8) Nitrobenzene-d5	9.02	82	1407	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	2262	0.19	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	443	0.32	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	3977	0.21	ng	0.00
25) Fluoranthene-d10	19.31	212	31384	0.22	ng	0.00
29) Terphenyl-d14	19.91	244	6969	0.23	ng	0.00

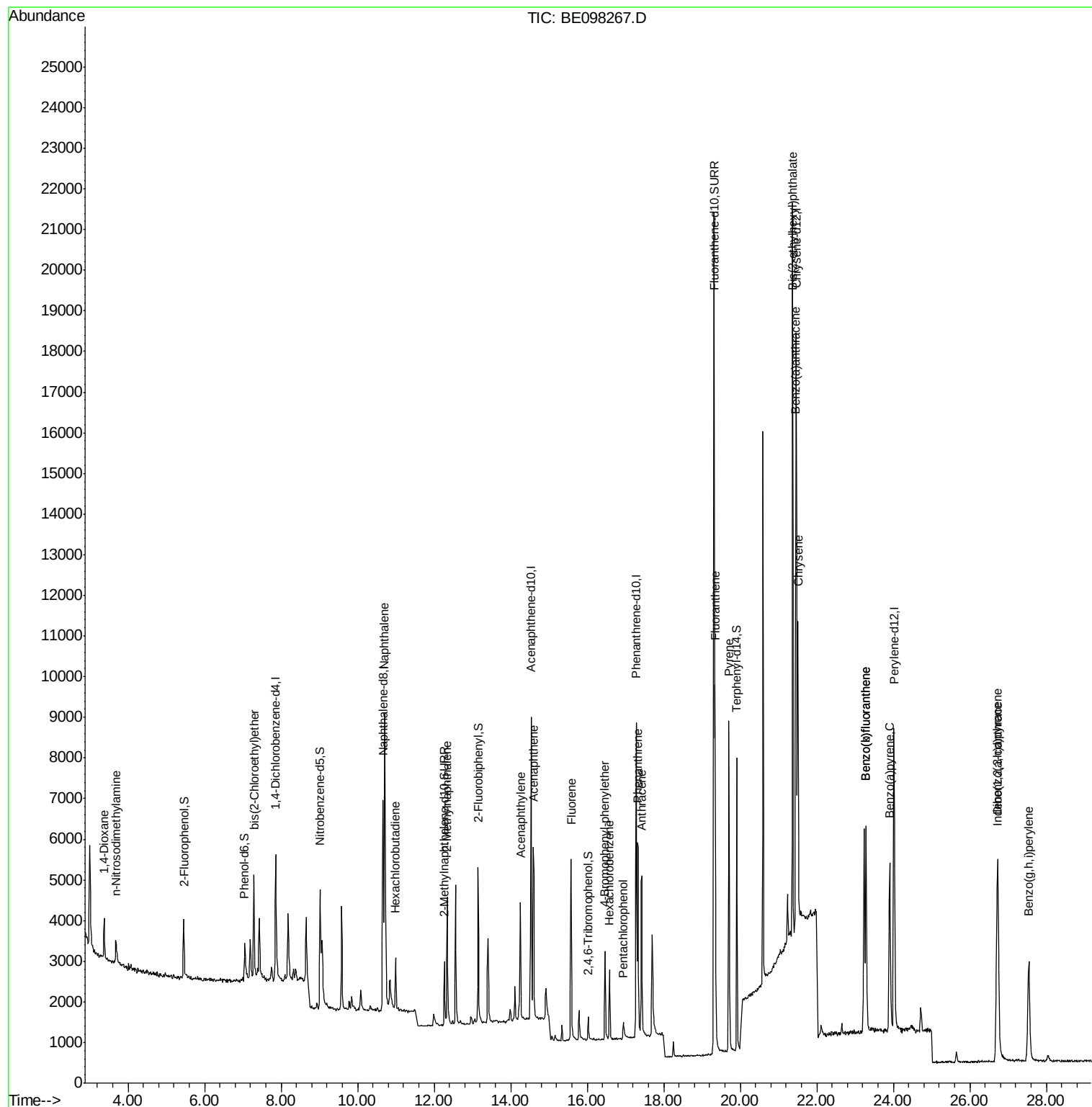
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	587	0.238	ng	98
3) n-Nitrosodimethylamine	3.68	42	670	0.242	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1193	0.211	ng	98
9) Naphthalene	10.71	128	14118	0.200	ng	# 98
10) Hexachlorobutadiene	10.99	225	933	0.226	ng	96
12) 2-Methylnaphthalene	12.34	142	2389	0.192	ng	97
16) Acenaphthylene	14.26	152	4147	0.202	ng	98
17) Acenaphthene	14.59	154	2464	0.201	ng	99
18) Fluorene	15.58	166	3393	0.217	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	1326	0.186	ng	95
21) Hexachlorobenzene	16.58	284	1360	0.185	ng	96
22) Pentachlorophenol	16.94	266	358	0.353	ng	# 85
23) Phenanthrene	17.33	178	5887	0.199	ng	99
24) Anthracene	17.42	178	5355	0.199	ng	100
26) Fluoranthene	19.34	202	7835	0.220	ng	99
28) Pyrene	19.71	202	8243	0.213	ng	99
30) Benzo(a)anthracene	21.45	228	8226	0.215	ng	99
31) Chrysene	21.51	228	8231	0.209	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	20308	0.340	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	7764	0.230	ng	# 84
35) Benzo(b)fluoranthene	23.29	252	7714	0.227	ng	95
36) Benzo(k)fluoranthene	23.29	252	7714	0.201	ng	# 93
37) Benzo(a)pyrene	23.90	252	6978	0.209	ng	# 94
38) Dibenzo(a,h)anthracene	26.73	278	6548	0.245	ng	# 95
39) Benzo(g,h,i)perylene	27.53	276	6617	0.230	ng	98

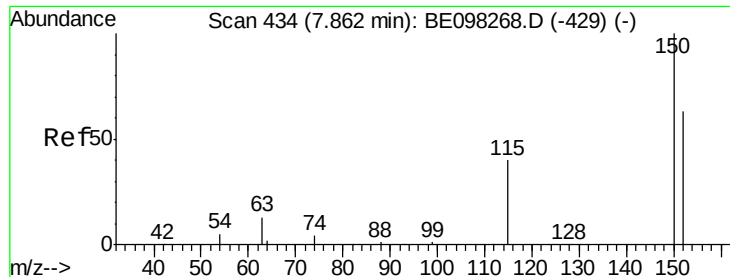
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 29 12:12:21 2018
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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: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

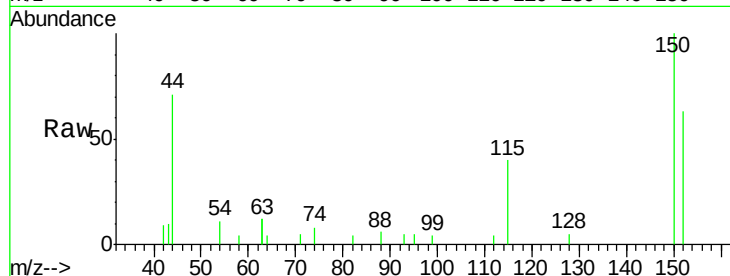
Tgt Ion:152 Resp: 1568

Ion Ratio Lower Upper

152 100

150 159.9 124.2 186.4

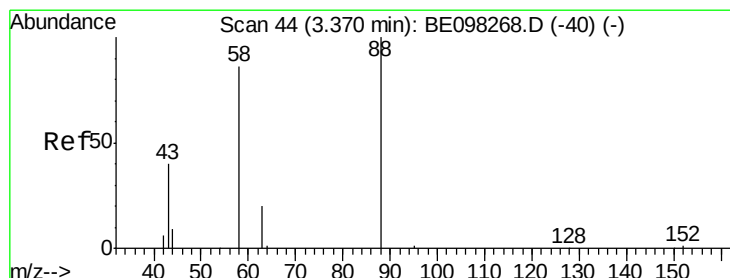
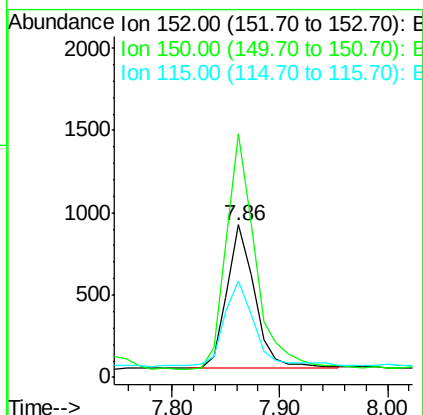
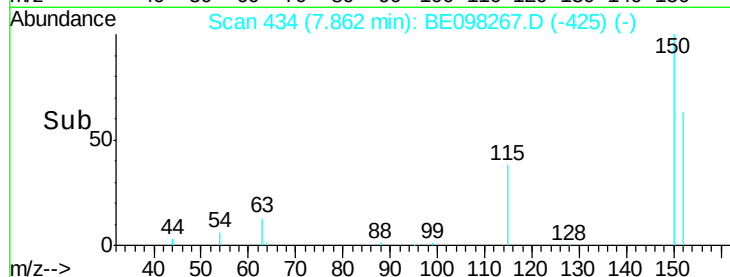
115 63.7 53.9 80.9



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: 0.238 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

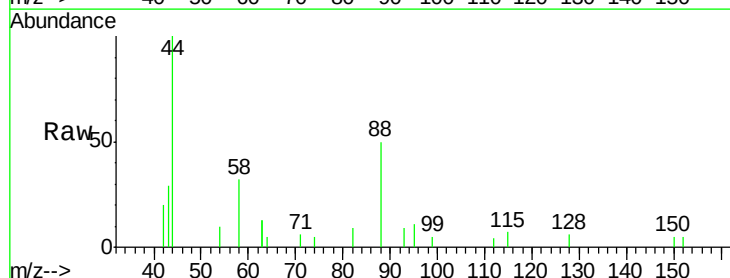
Tgt Ion: 88 Resp: 587

Ion Ratio Lower Upper

88 100

58 92.0 75.0 112.6

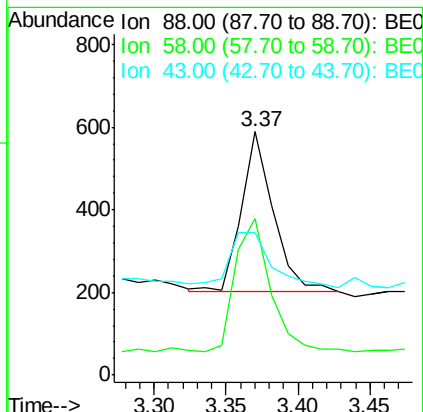
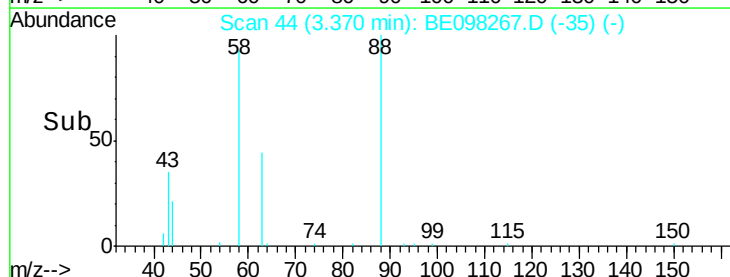
43 46.7 38.3 57.5

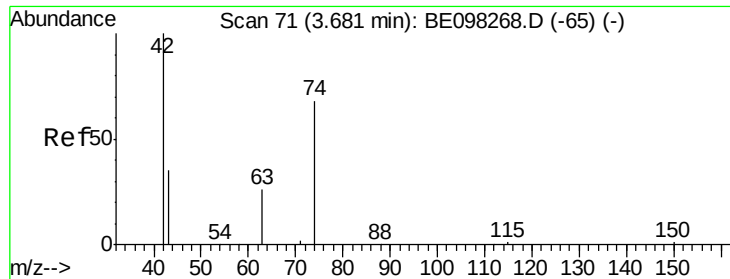


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.242 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampled :

SSTDIC0.2

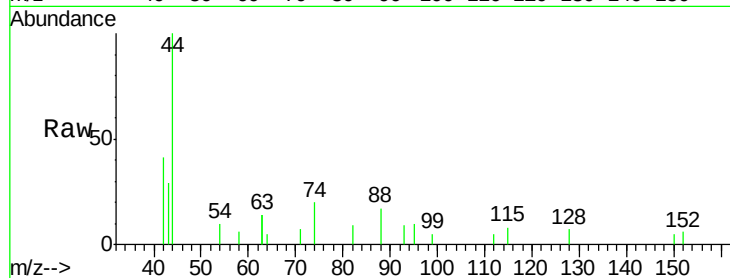
Tgt Ion: 42 Resp: 670

Ion Ratio Lower Upper

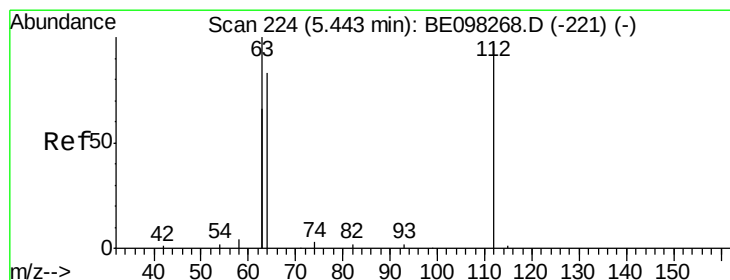
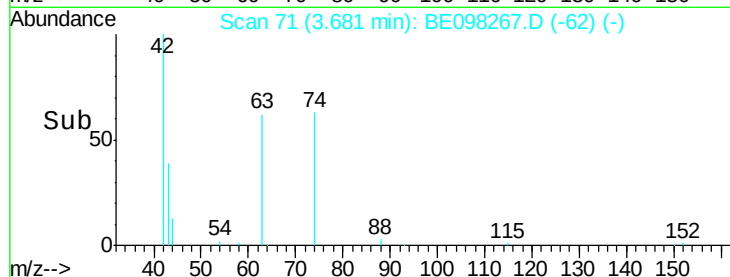
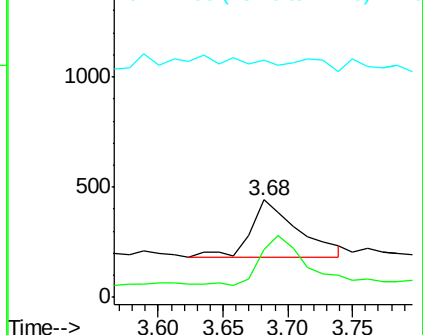
42 100

74 76.3 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: 0.200 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

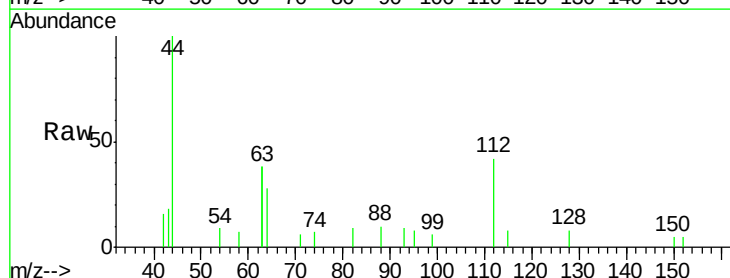
Tgt Ion: 112 Resp: 840

Ion Ratio Lower Upper

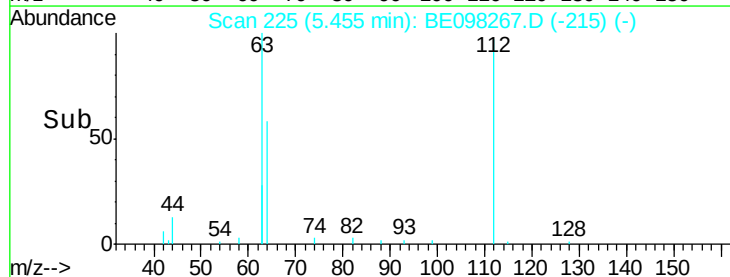
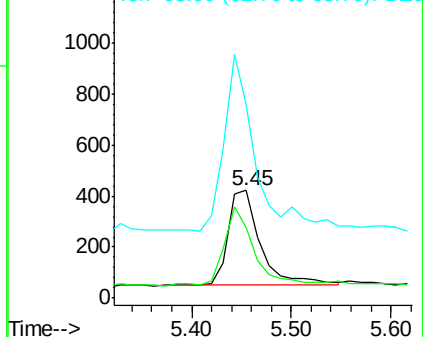
112 100

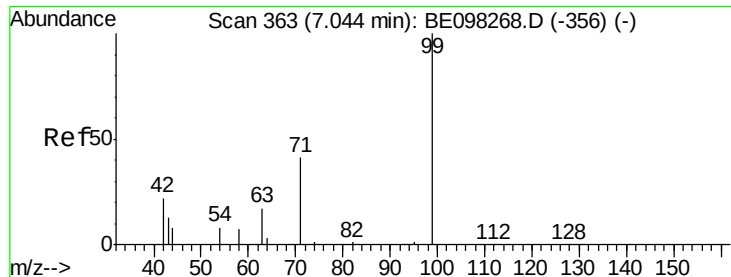
64 77.5 59.8 89.8

63 179.2 133.7 200.5



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: 0.196 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

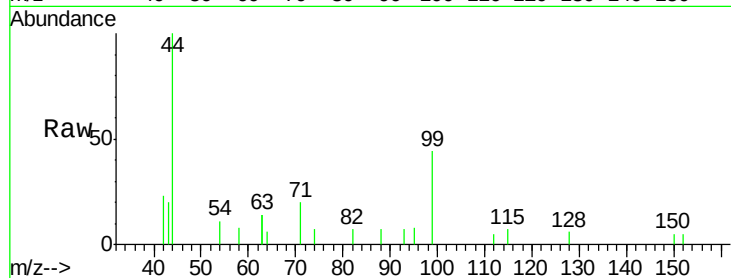
Tgt Ion: 99 Resp: 1298

Ion Ratio Lower Upper

99 100

42 31.4 26.3 39.5

71 36.4 33.6 50.4



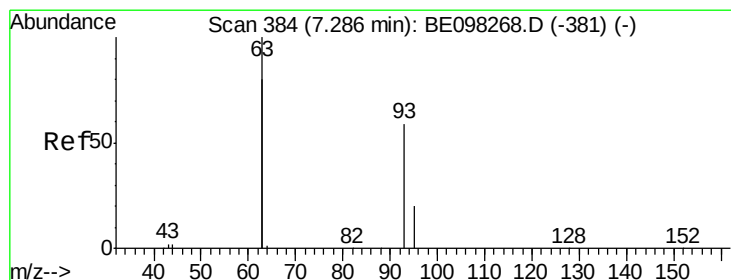
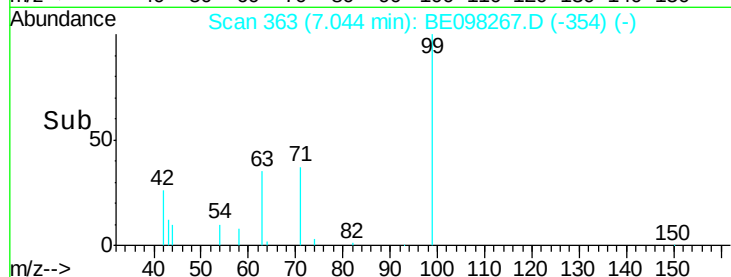
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.04

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.211 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

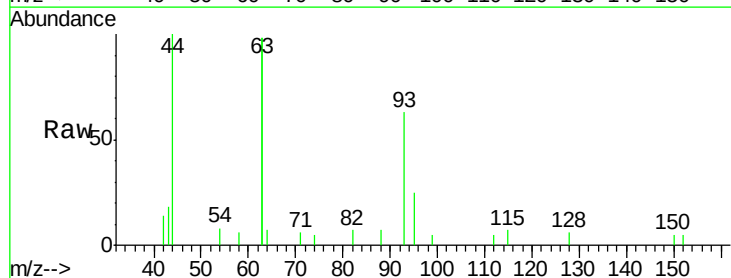
Tgt Ion: 93 Resp: 1193

Ion Ratio Lower Upper

93 100

63 325.4 264.4 396.6

95 32.2 26.6 40.0



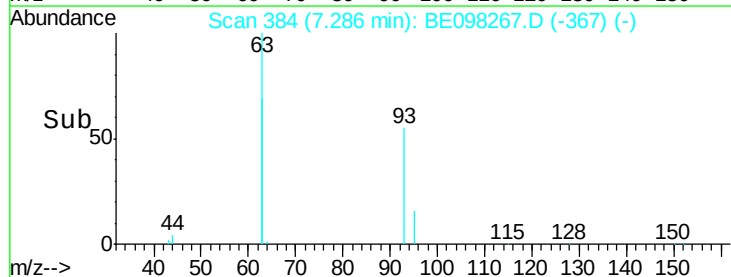
Abundance Ion 93.00 (92.70 to 93.70): BE0

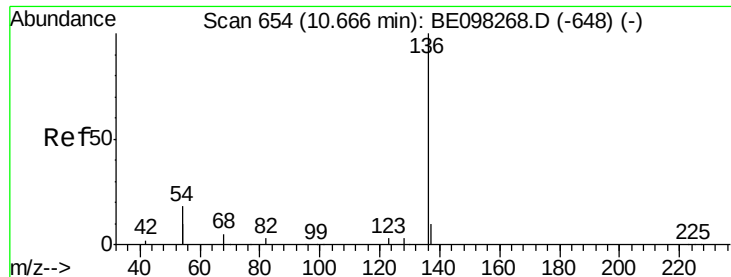
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.29

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

Tgt Ion:136 Resp: 6922

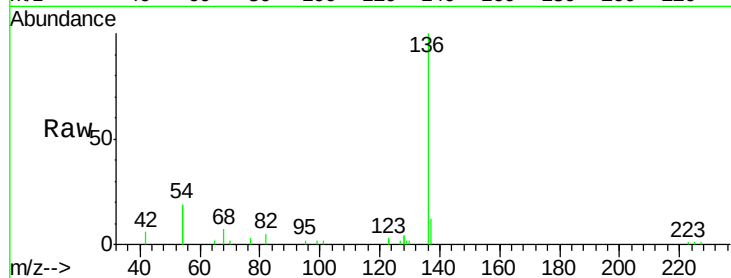
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 37.5 28.4 42.6

68 6.7 5.4 8.0

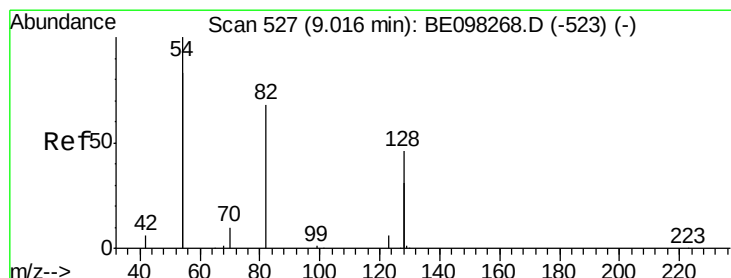
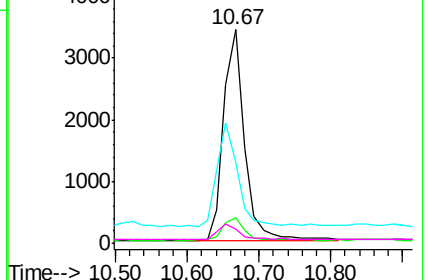
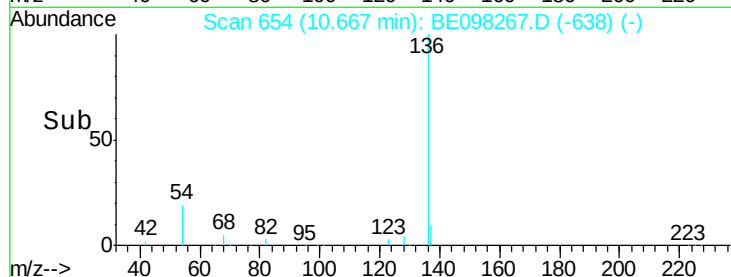


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.215 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

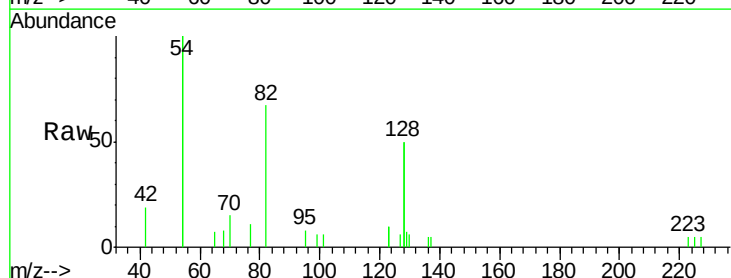
Tgt Ion: 82 Resp: 1407

Ion Ratio Lower Upper

82 100

128 146.9 102.4 153.6

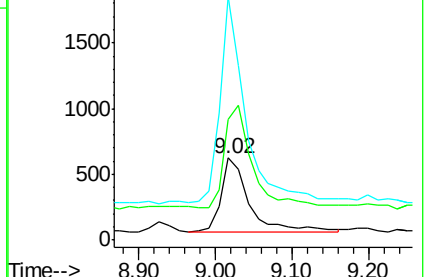
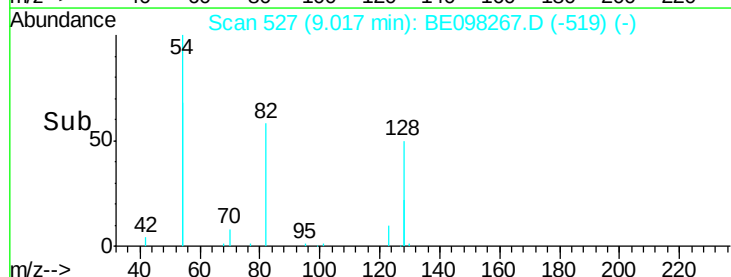
54 296.3 221.8 332.8

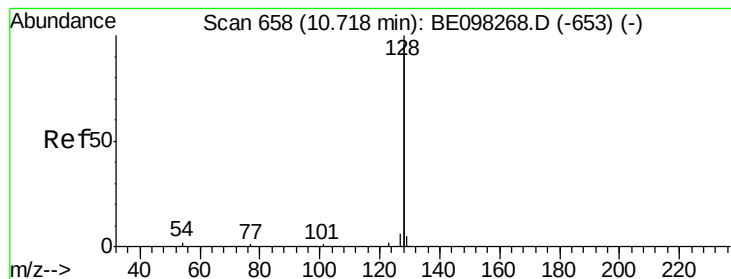


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.200 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

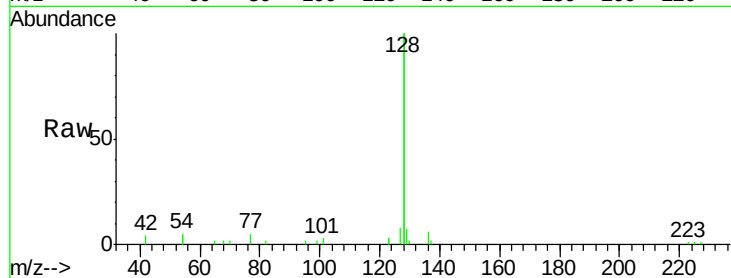
Tgt Ion:128 Resp: 14118

Ion Ratio Lower Upper

128 100

129 3.7 2.5 3.7

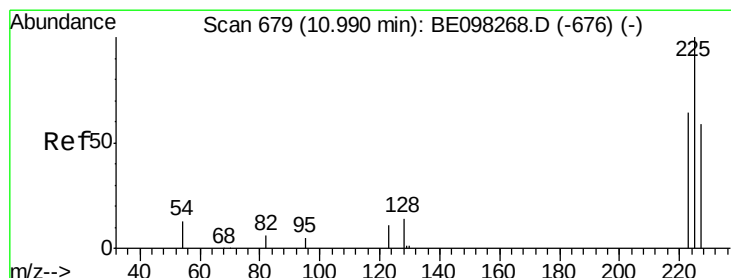
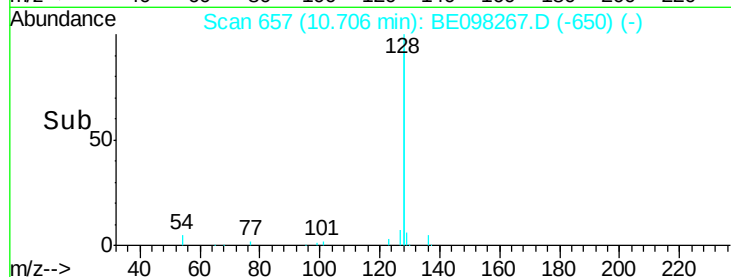
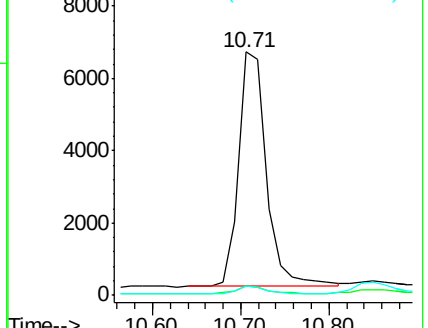
127 4.1 2.7 4.1#



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: 0.226 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

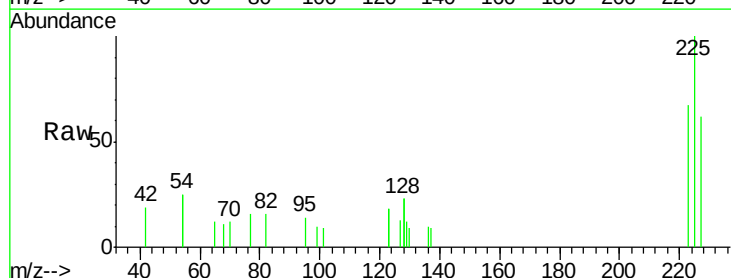
Tgt Ion:225 Resp: 933

Ion Ratio Lower Upper

225 100

223 62.1 49.4 74.0

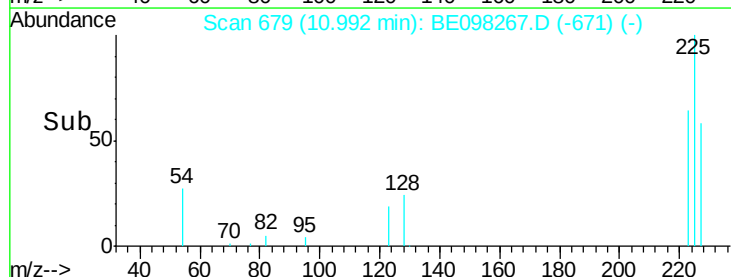
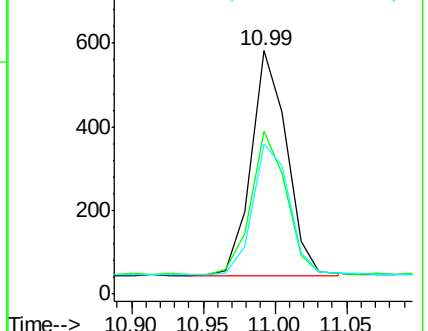
227 59.5 52.0 78.0

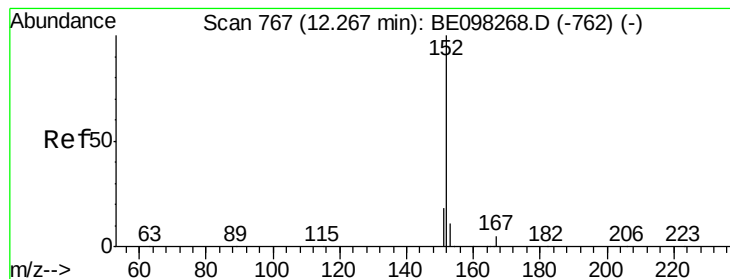


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.186 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

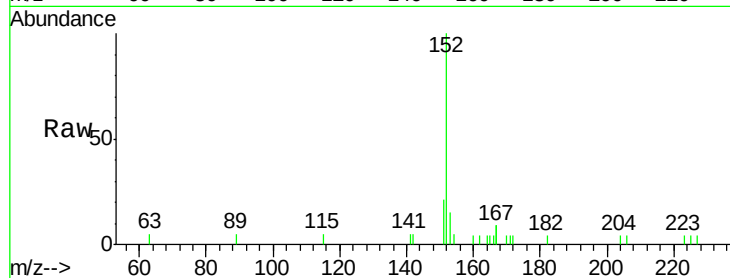
SSTDICC0.2

Tgt Ion:152 Resp: 2262

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

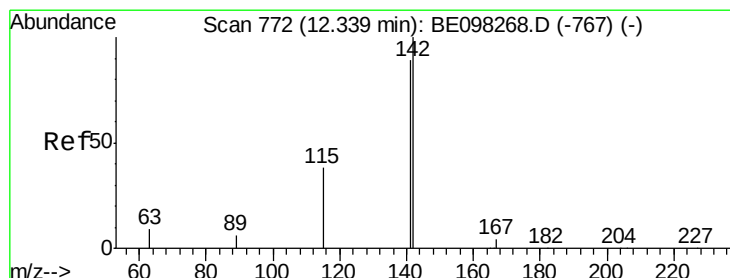
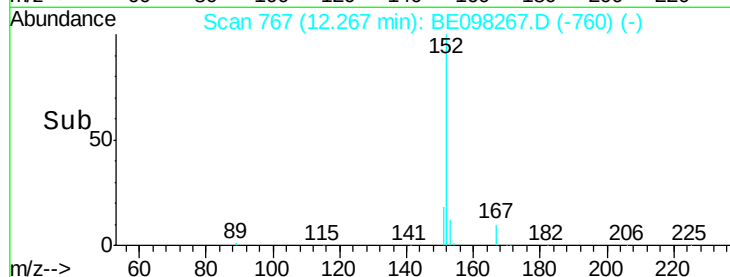
1000

500

0

Time-->

12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.192 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

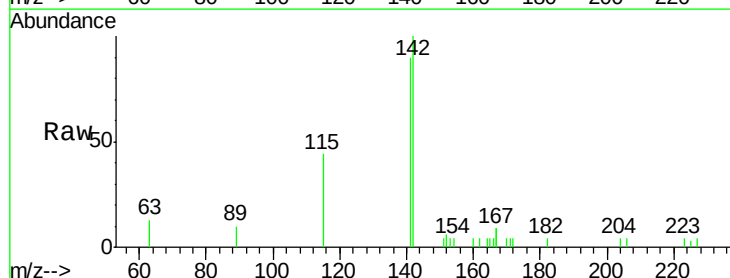
Tgt Ion:142 Resp: 2389

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

115 44.0 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

12.34

1500

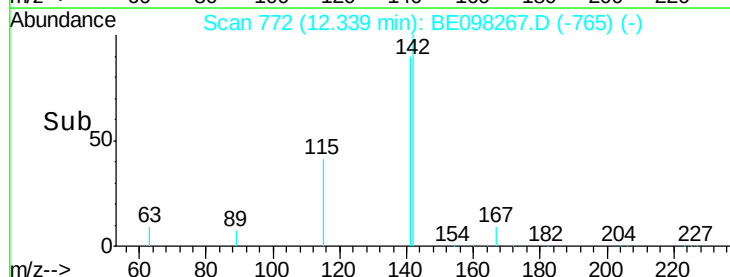
1000

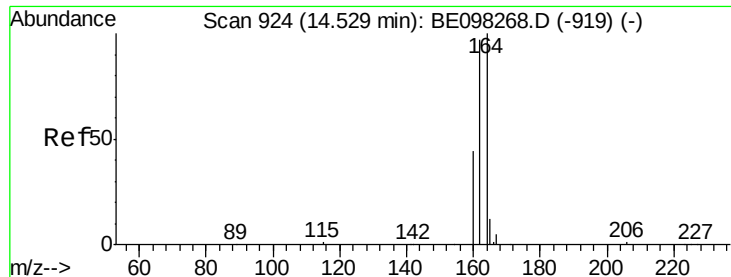
500

0

Time-->

12.30 12.40

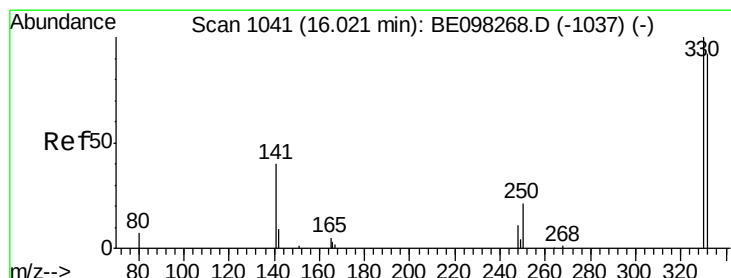
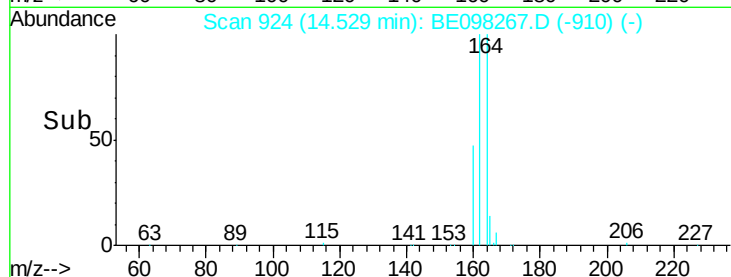
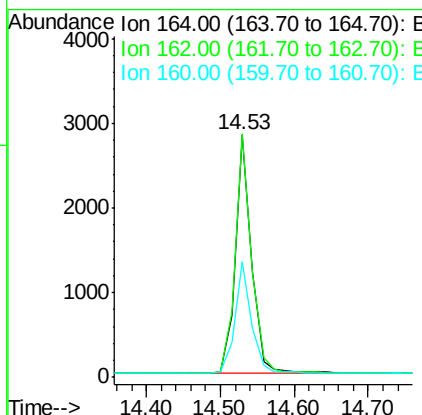
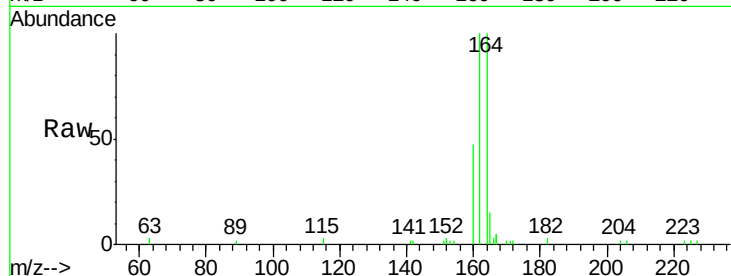




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098267.D
Acq: 29 Nov 2018 10:53

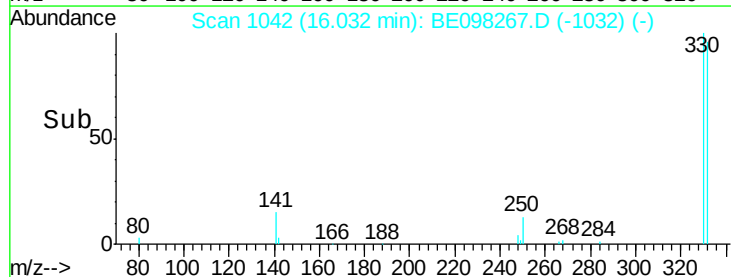
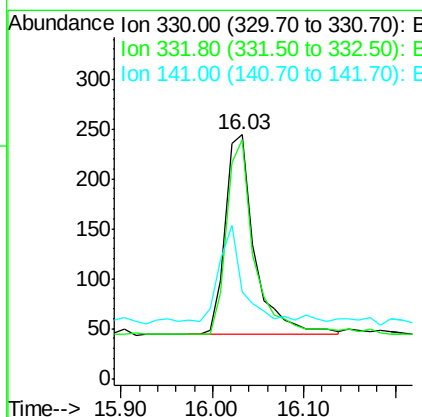
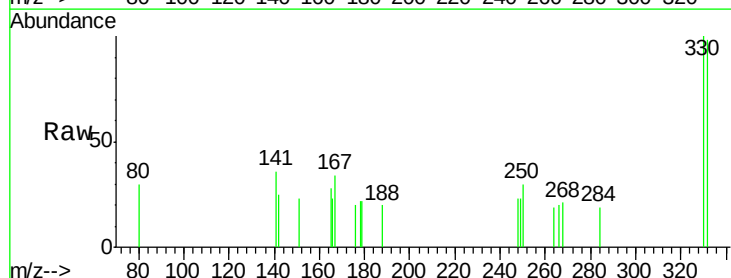
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

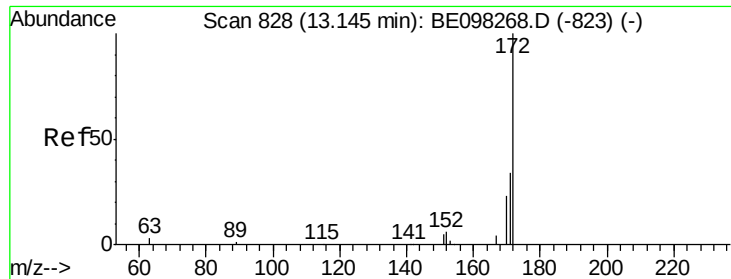
Tgt Ion:164 Resp: 4319
Ion Ratio Lower Upper
164 100
162 100.4 77.6 116.4
160 47.6 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098267.D
Acq: 29 Nov 2018 10:53

Tgt Ion:330 Resp: 443
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 38.4 39.0 58.4#

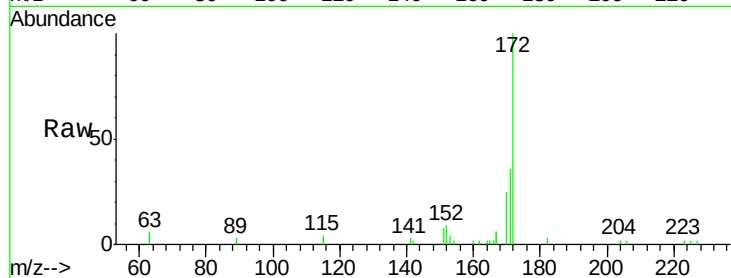




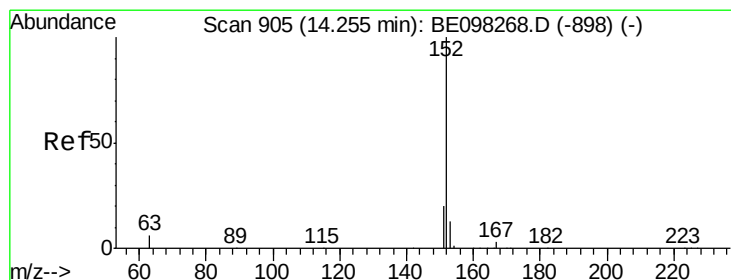
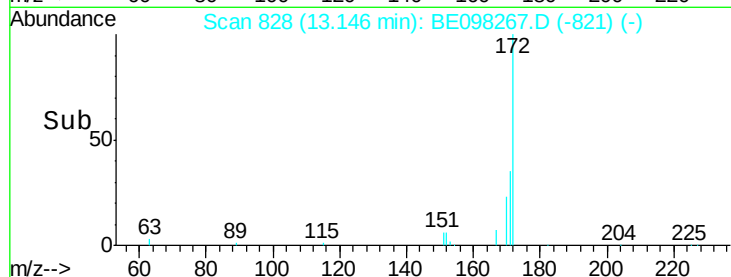
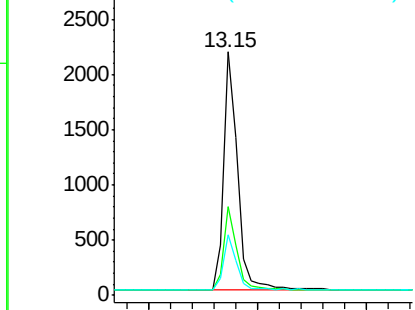
#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098267.D
Acq: 29 Nov 2018 10:53

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion:172 Resp: 3977
Ion Ratio Lower Upper
172 100
171 36.3 27.5 41.3
170 24.7 19.6 29.4

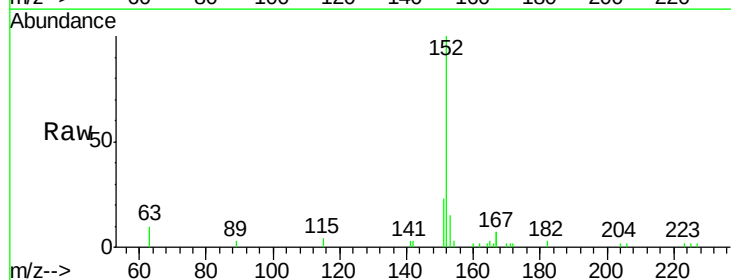


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

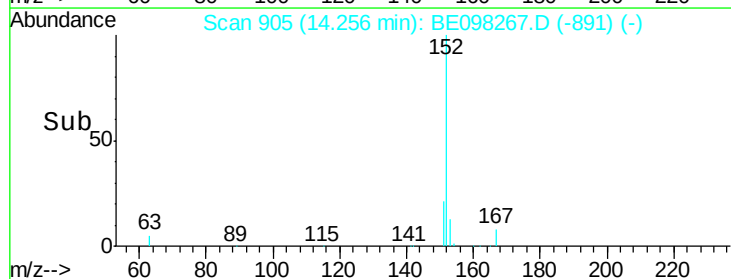
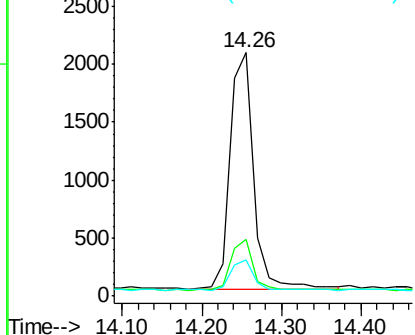


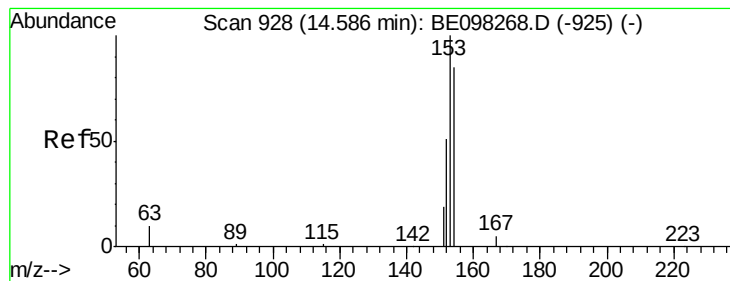
#16
Acenaphthylene
Concen: 0.202 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098267.D
Acq: 29 Nov 2018 10:53

Tgt Ion:152 Resp: 4147
Ion Ratio Lower Upper
152 100
151 21.0 15.5 23.3
153 13.2 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: 0.201 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

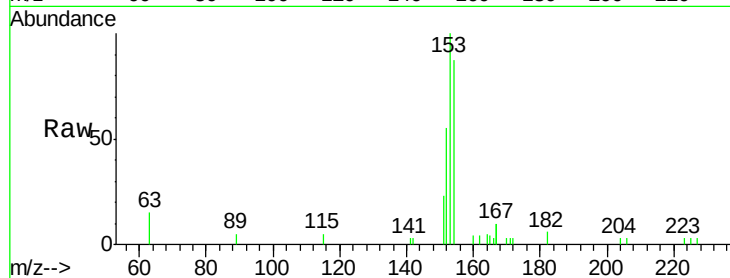
Tgt Ion:154 Resp: 2464

Ion Ratio Lower Upper

154 100

153 115.7 91.8 137.6

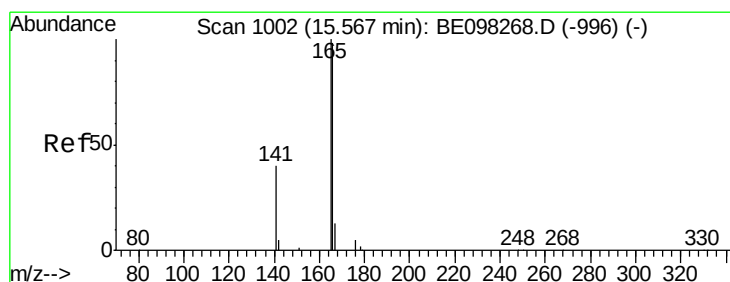
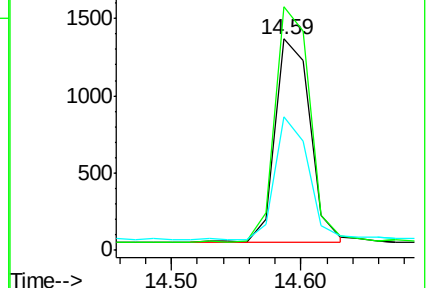
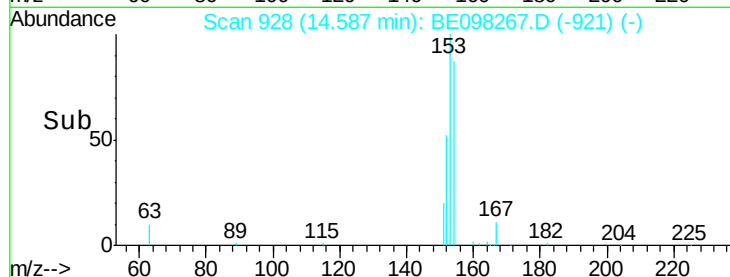
152 58.8 45.5 68.3



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: 0.217 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

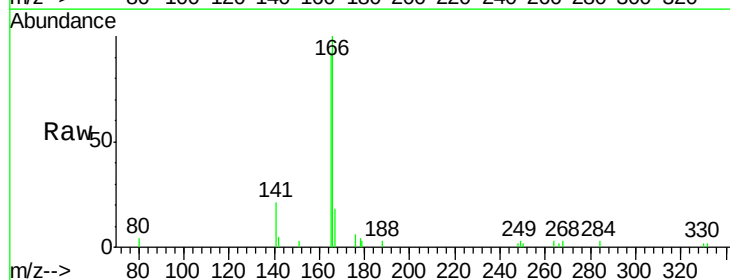
Tgt Ion:166 Resp: 3393

Ion Ratio Lower Upper

166 100

165 99.5 79.3 118.9

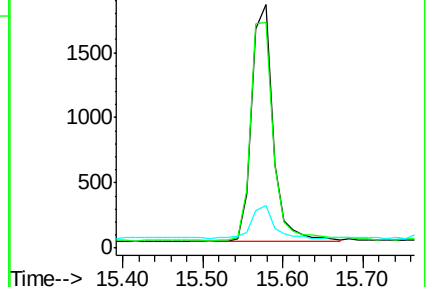
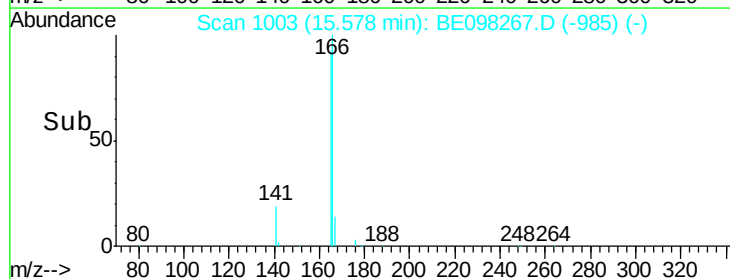
167 14.5 11.3 16.9

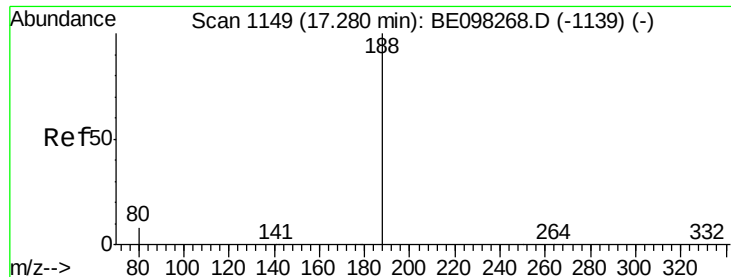


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

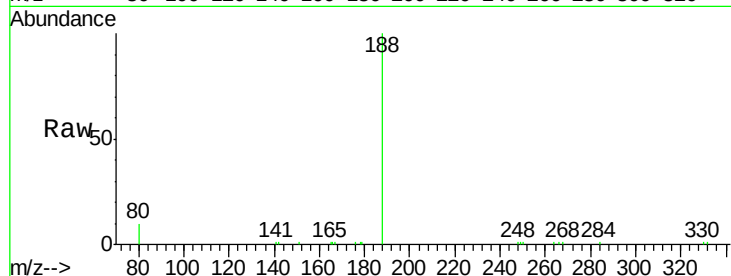
Tgt Ion:188 Resp: 11511

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

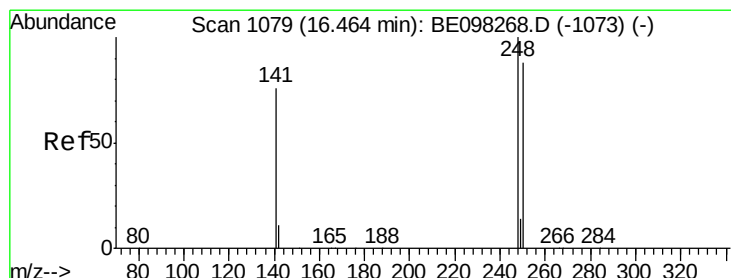
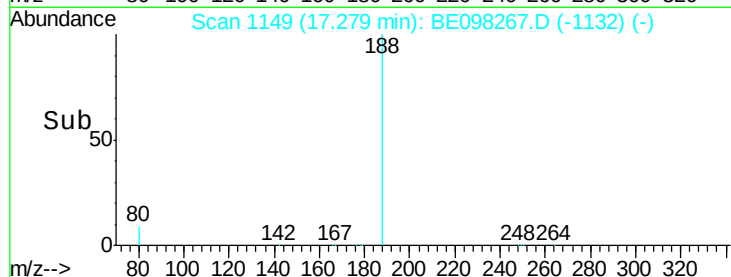
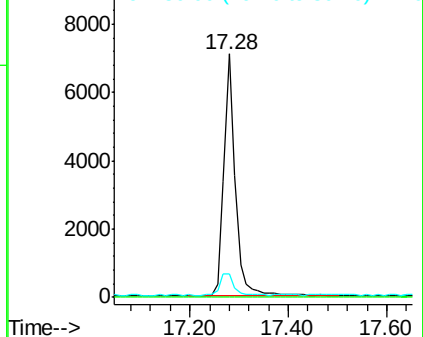
80 9.7 7.2 10.8



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: 0.186 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

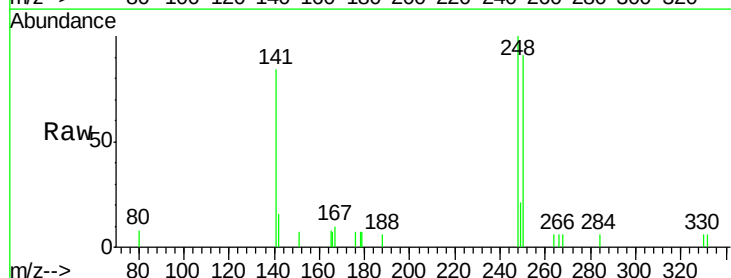
Tgt Ion:248 Resp: 1326

Ion Ratio Lower Upper

248 100

250 91.1 71.0 106.6

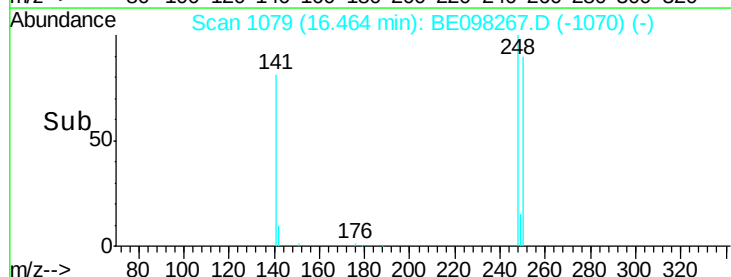
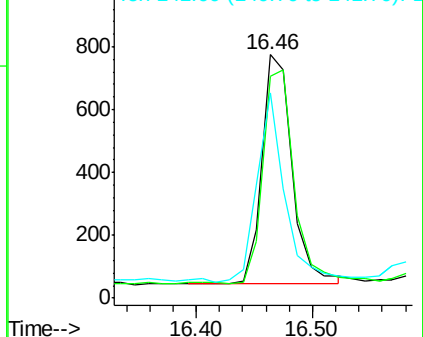
141 84.4 62.1 93.1

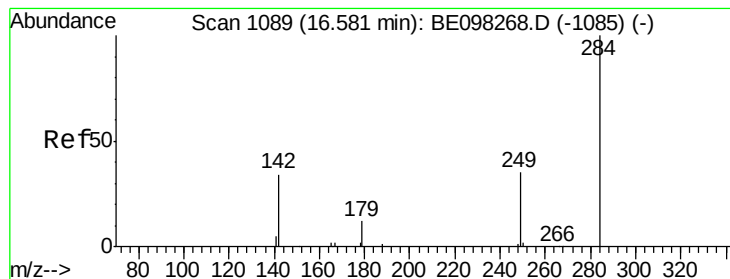


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.185 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

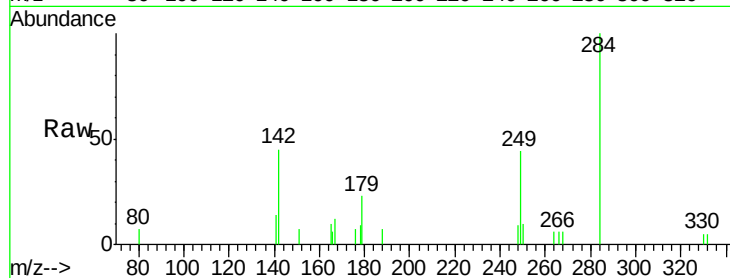
Tgt Ion:284 Resp: 1360

Ion Ratio Lower Upper

284 100

142 35.7 26.3 39.5

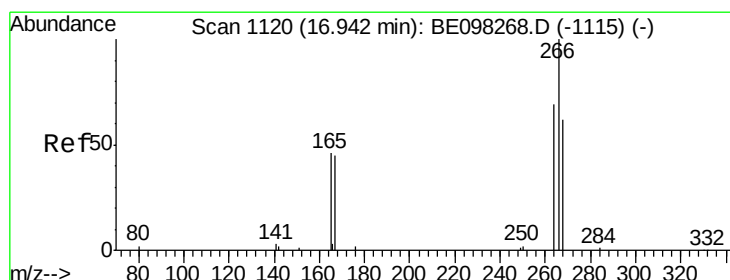
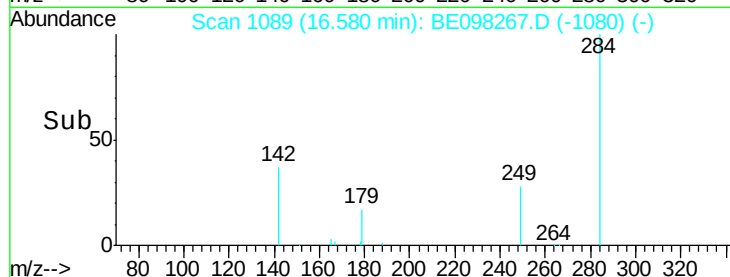
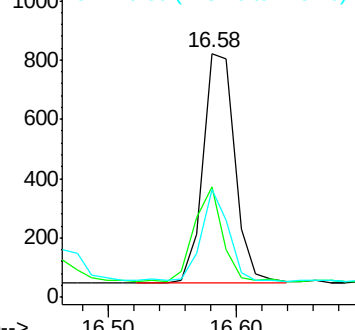
249 34.0 26.0 39.0



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: 0.353 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

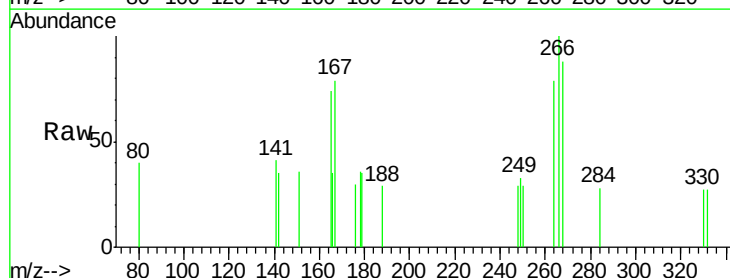
Tgt Ion:266 Resp: 358

Ion Ratio Lower Upper

266 100

264 79.4 59.0 88.4

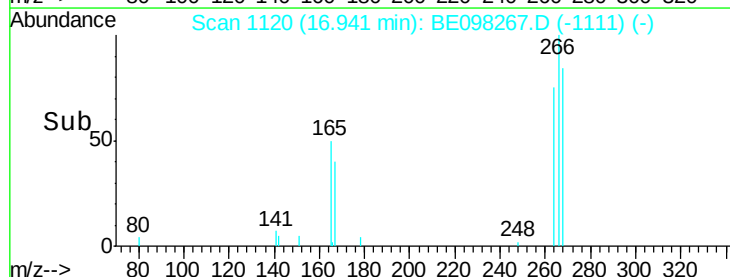
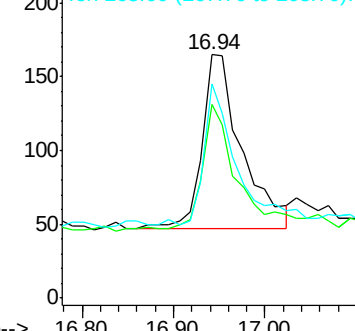
268 87.9 55.1 82.7#

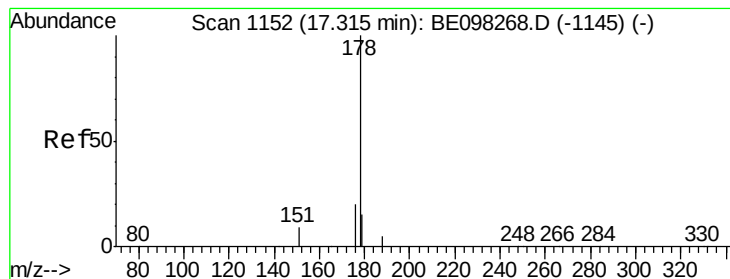


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.199 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

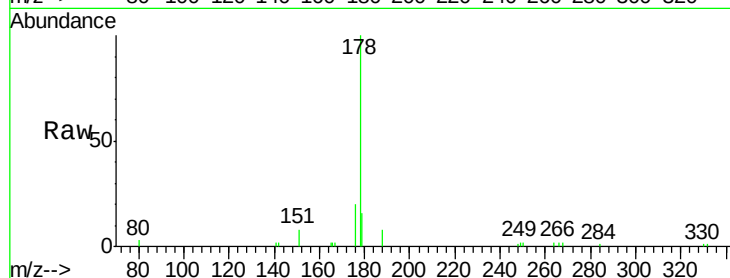
BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion:178 Resp: 5887

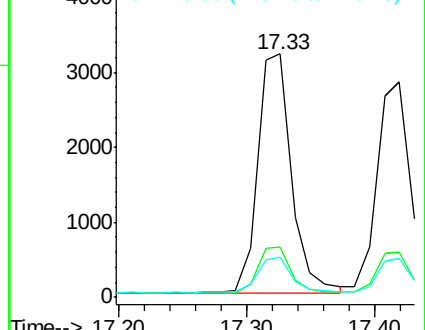
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.3	12.3	18.5



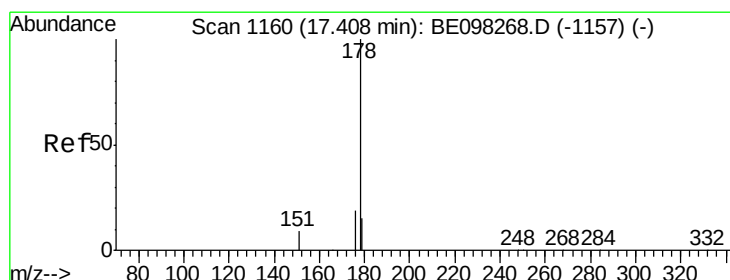
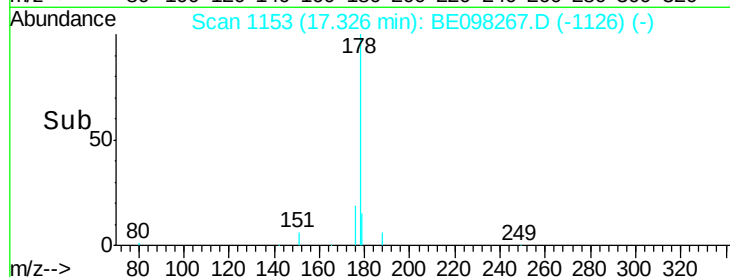
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.20 17.30 17.40



#24

Anthracene

Concen: 0.199 ng

RT: 17.42 min Scan# 1161

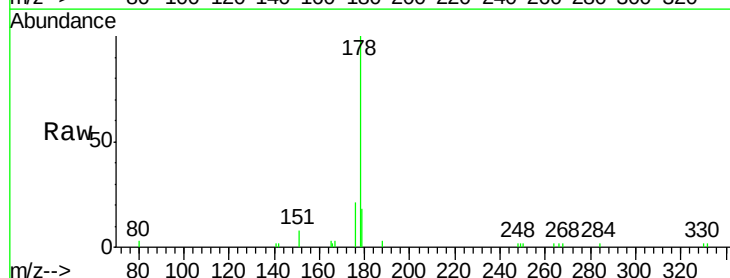
Delta R.T. 0.01 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Tgt Ion:178 Resp: 5355

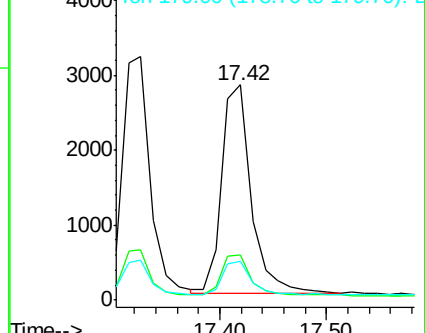
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.4	12.3	18.5



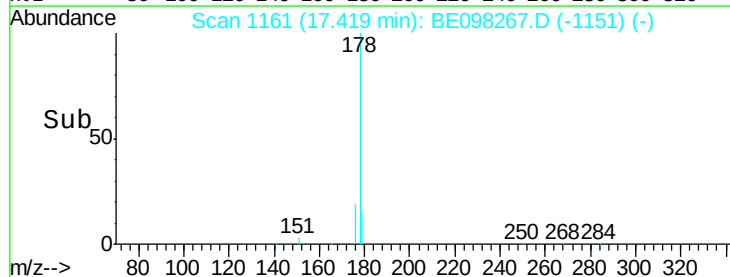
Abundance Ion 178.00 (177.70 to 178.70): E

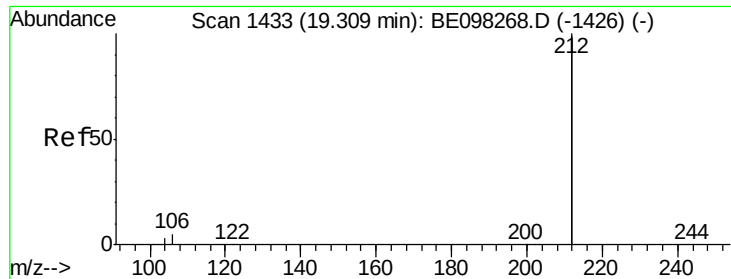
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.40 17.50





#25

Fluoranthene-d10

Concen: 0.224 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

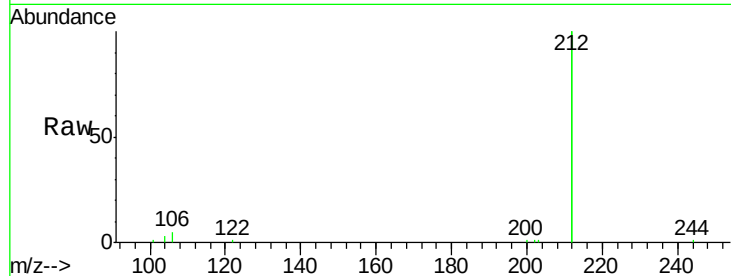
Tgt Ion:212 Resp: 31384

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

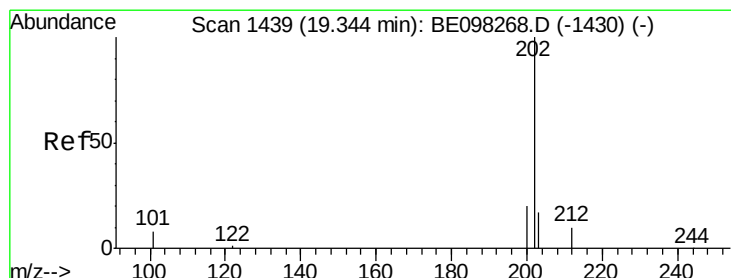
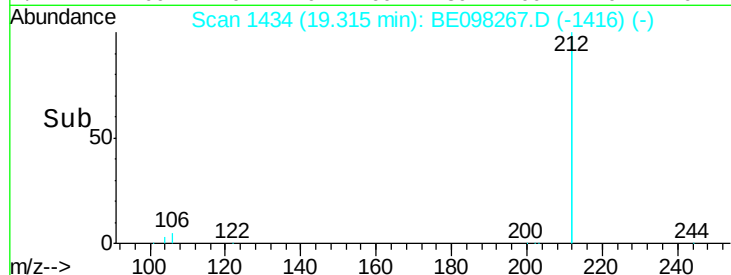
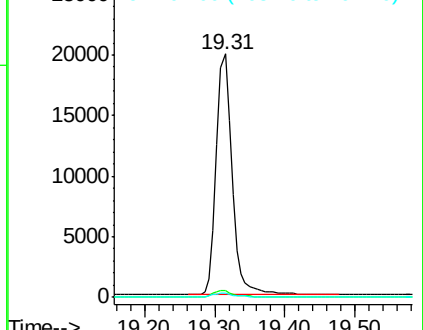
104 1.6 1.3 1.9



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: 0.220 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

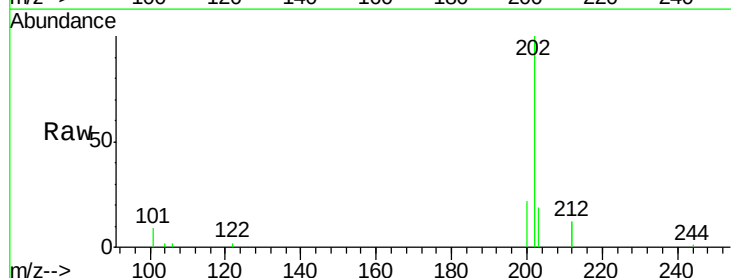
Tgt Ion:202 Resp: 7835

Ion Ratio Lower Upper

202 100

101 10.2 8.0 12.0

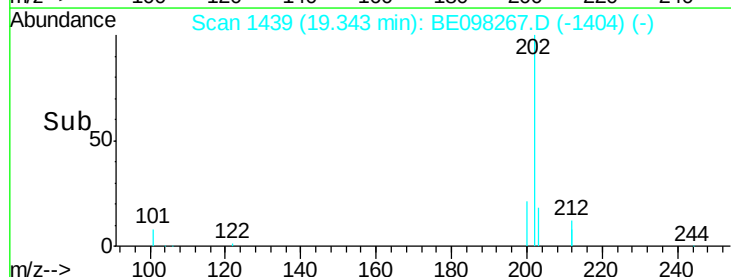
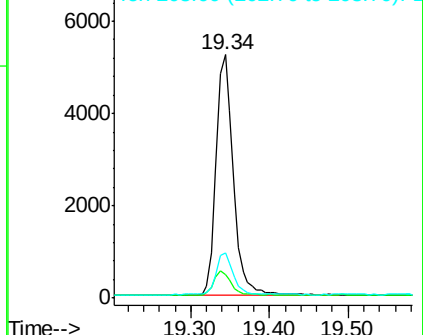
203 16.9 13.8 20.6

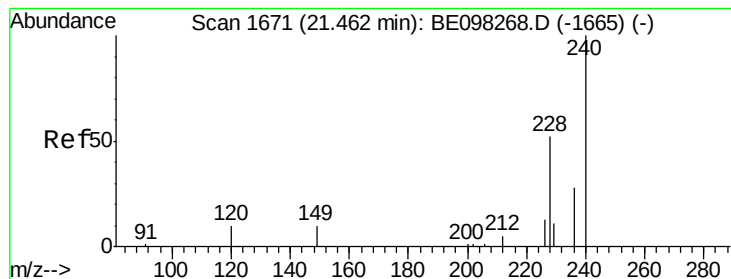


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

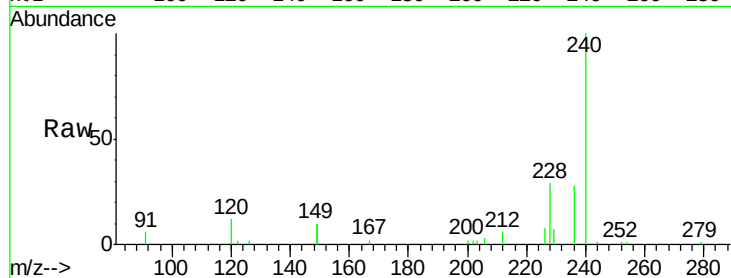
Tgt Ion:240 Resp: 13234

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

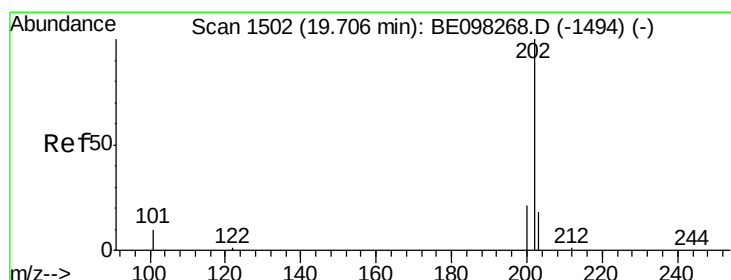
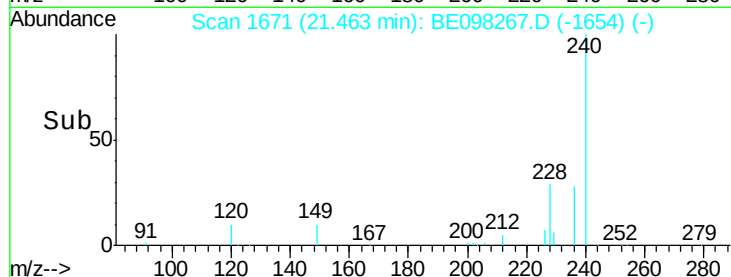
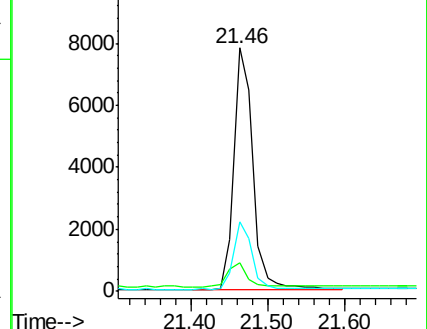
236 28.5 22.7 34.1



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: 0.213 ng

RT: 19.71 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

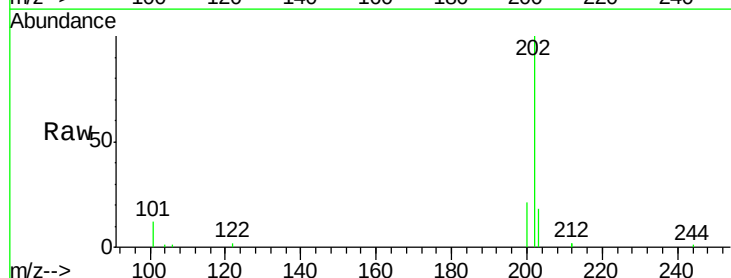
Tgt Ion:202 Resp: 8243

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

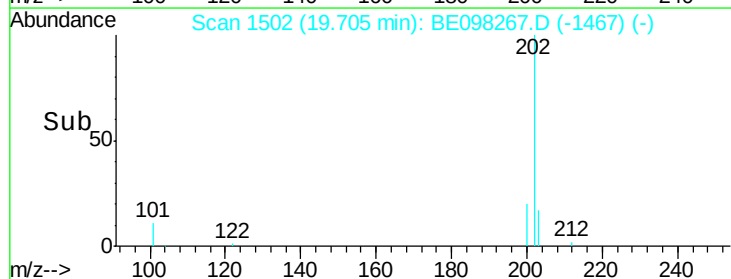
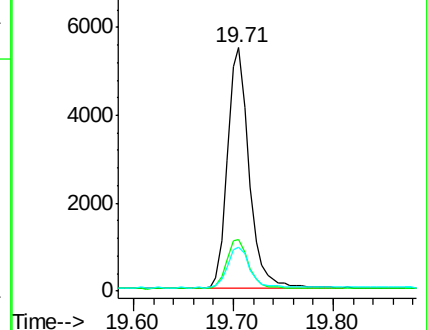
203 17.2 14.1 21.1

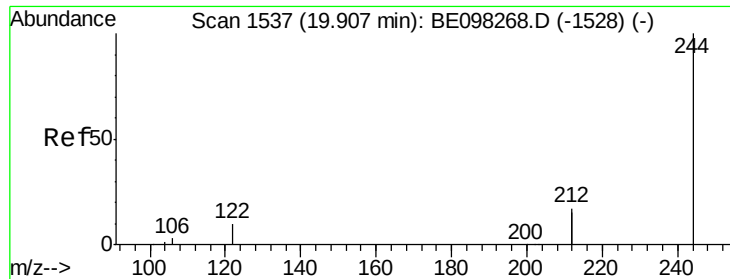


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.229 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

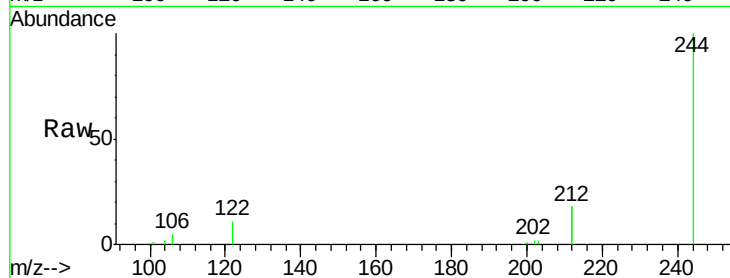
Tgt Ion:244 Resp: 6969

Ion Ratio Lower Upper

244 100

212 36.5 27.4 41.0

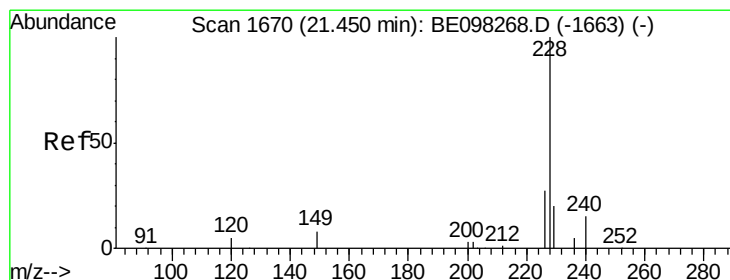
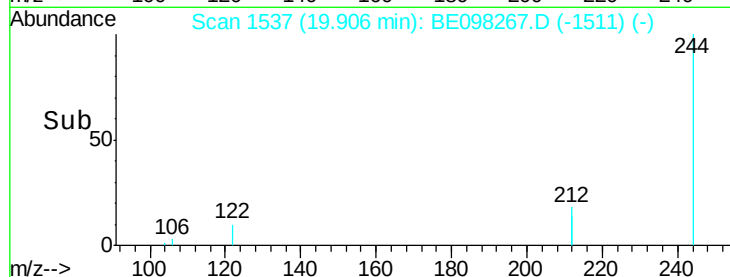
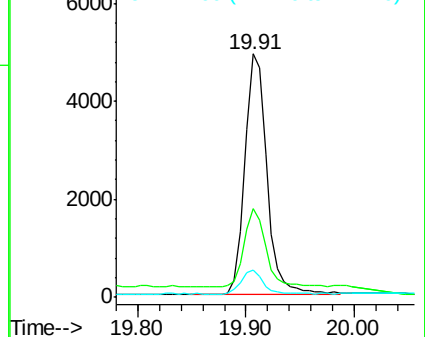
122 11.3 8.3 12.5



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: 0.215 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

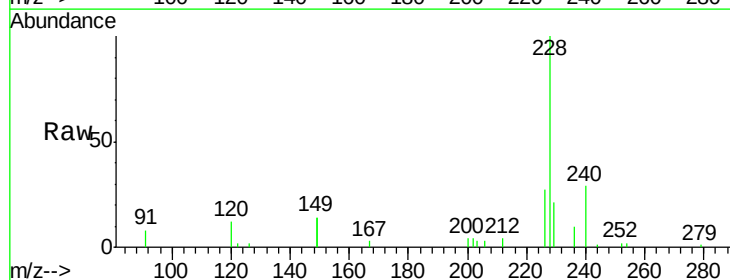
Tgt Ion:228 Resp: 8226

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

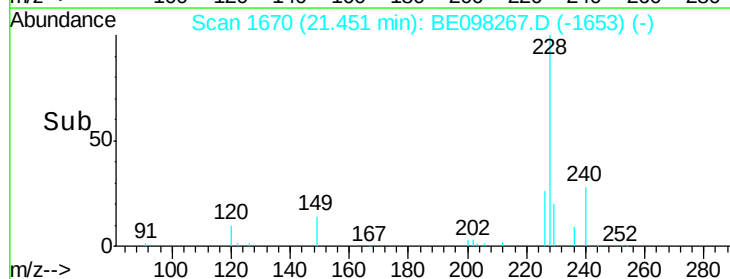
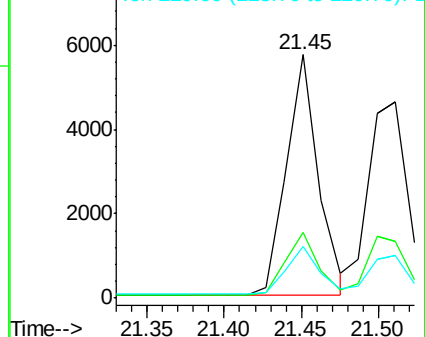
229 21.2 16.3 24.5

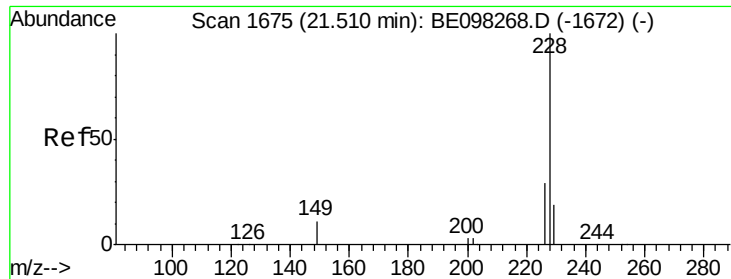


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.209 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

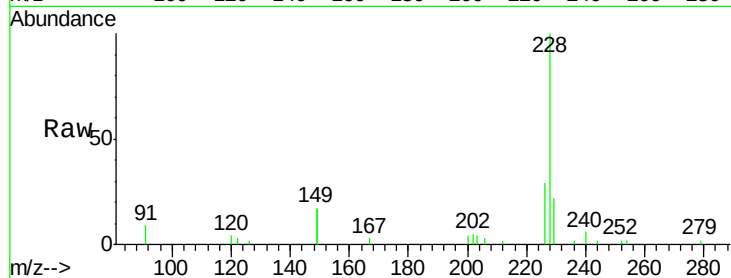
Tgt Ion:228 Resp: 8231

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.0

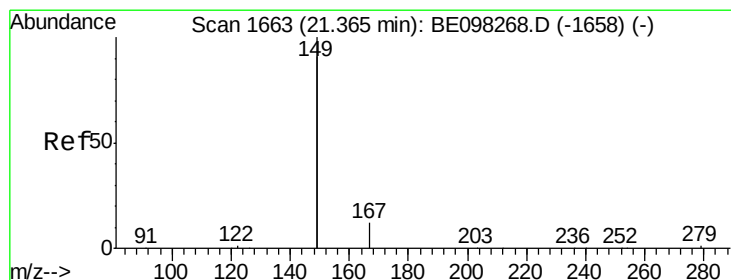
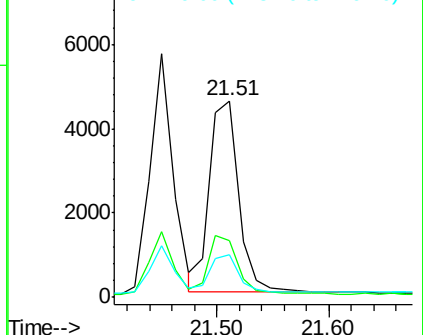
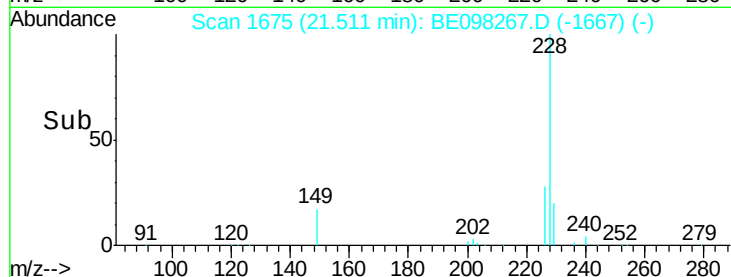
229 21.5 16.2 24.4



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: 0.340 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

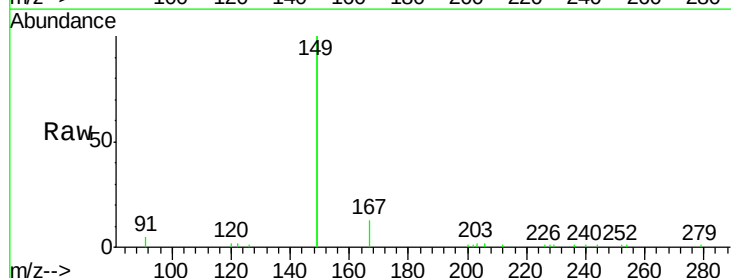
Tgt Ion:149 Resp: 20308

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

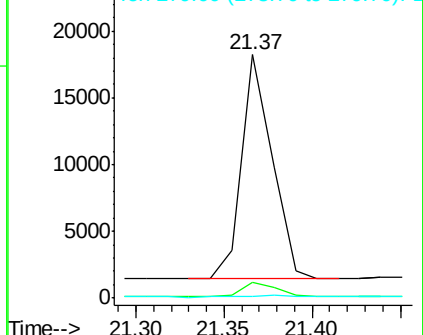
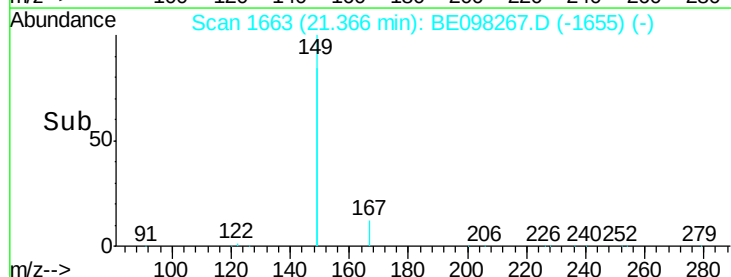
279 1.1 1.0 1.4

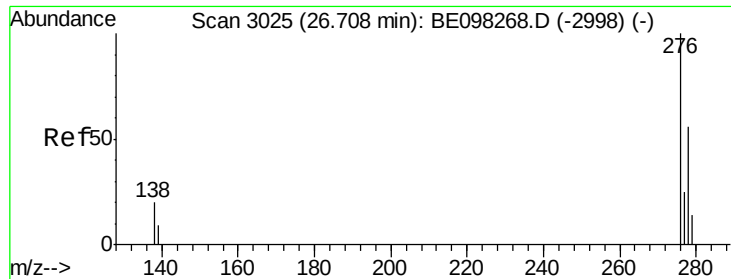


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

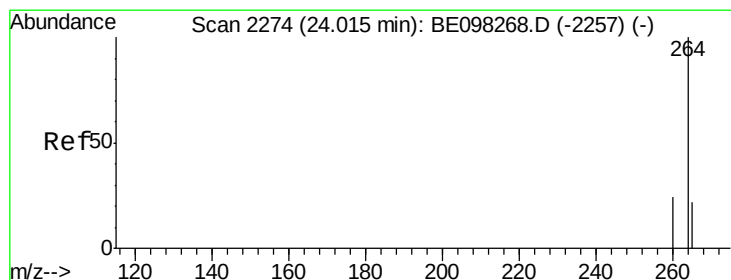
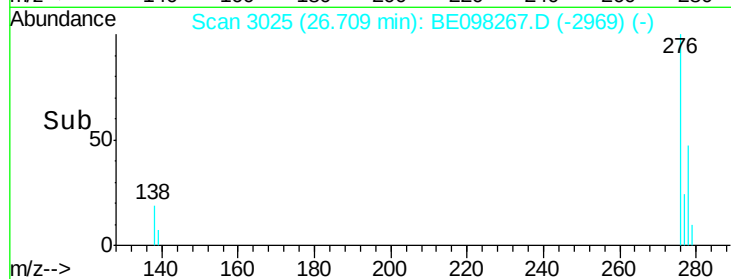
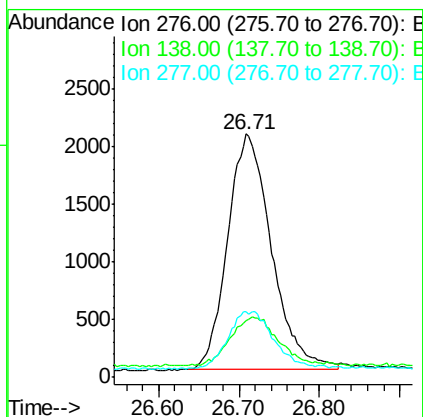
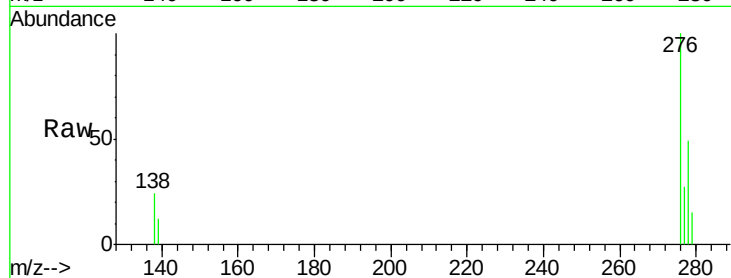




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.230 ng
 RT: 26.71 min Scan# 3025
 Delta R.T. 0.00 min
 Lab File: BE098267.D
 Acq: 29 Nov 2018 10:53

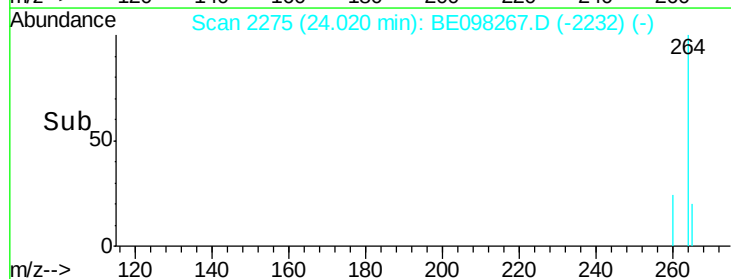
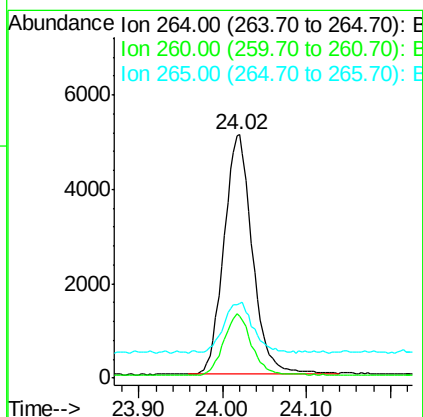
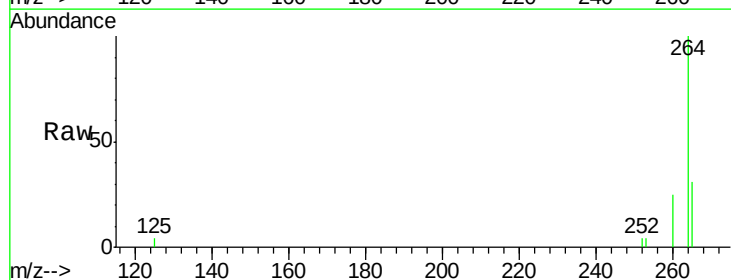
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

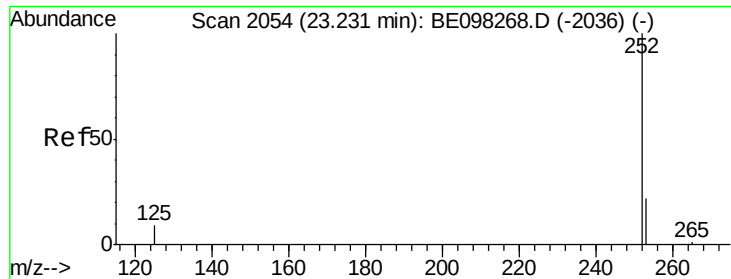
Tgt Ion:276 Resp: 7764
 Ion Ratio Lower Upper
 276 100
 138 22.1 16.3 24.5
 277 12.0 20.2 30.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BE098267.D
 Acq: 29 Nov 2018 10:53

Tgt Ion:264 Resp: 12026
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 30.7 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 0.227 ng

RT: 23.29 min Scan# 2069

Delta R.T. 0.05 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

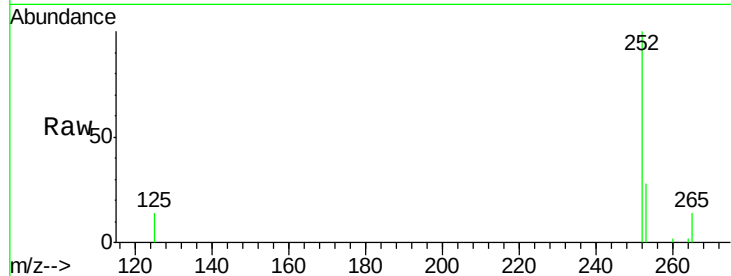
Tgt Ion:252 Resp: 7714

Ion Ratio Lower Upper

252 100

253 27.5 20.0 30.0

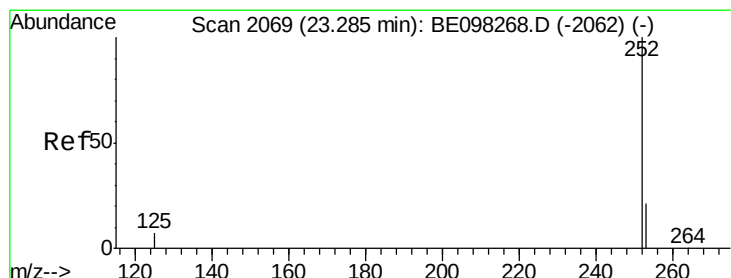
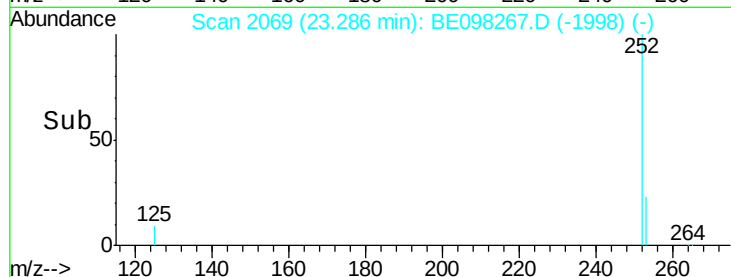
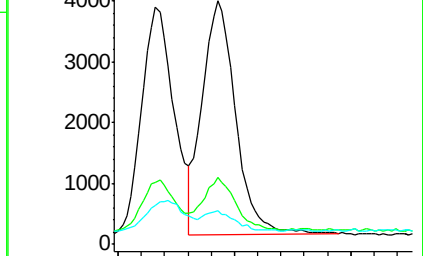
125 13.8 9.6 14.4



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: 0.201 ng

RT: 23.29 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

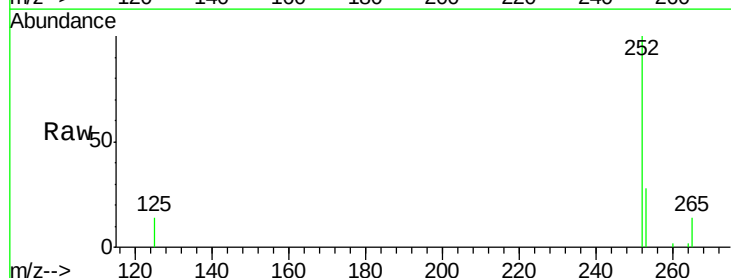
Tgt Ion:252 Resp: 7714

Ion Ratio Lower Upper

252 100

253 27.5 19.0 28.6

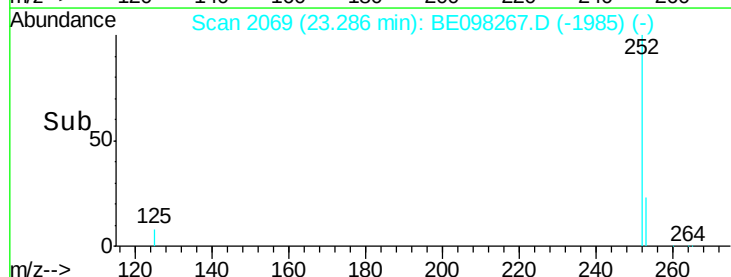
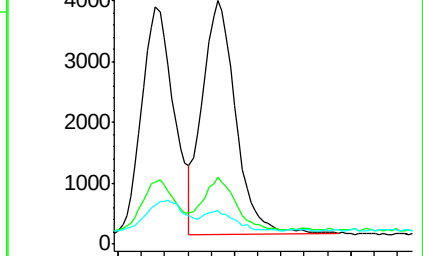
125 13.8 9.1 13.7#

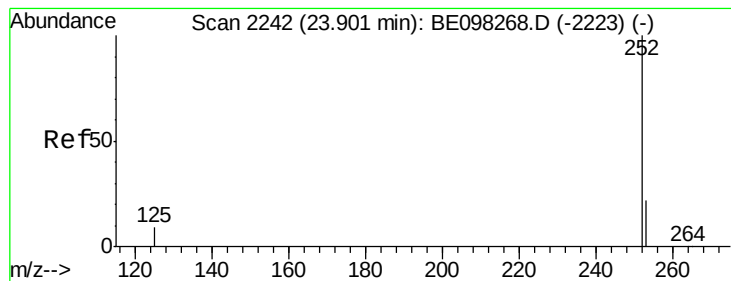


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.209 ng

RT: 23.90 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

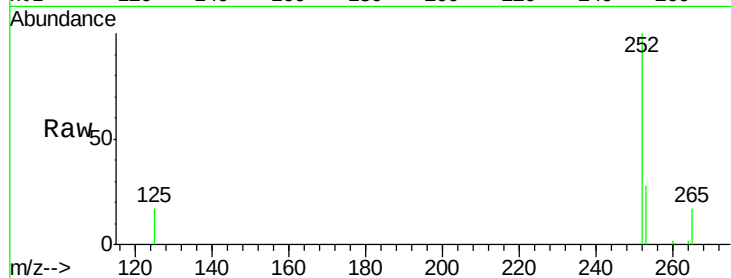
Tgt Ion:252 Resp: 6978

Ion Ratio Lower Upper

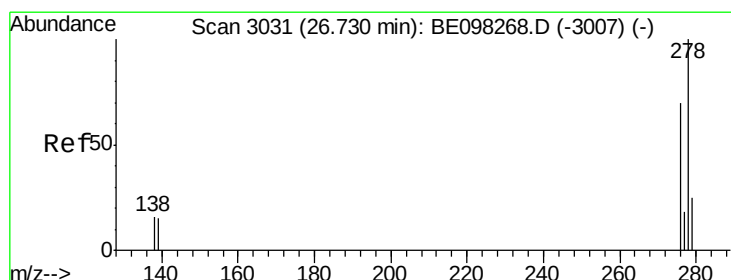
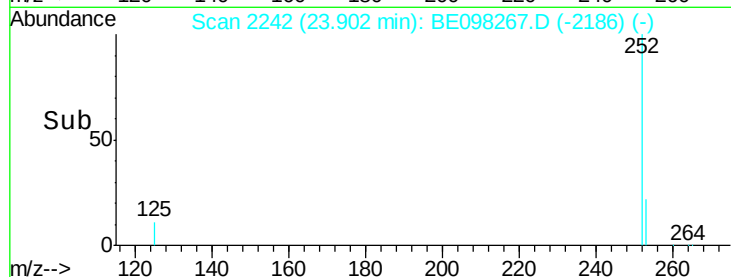
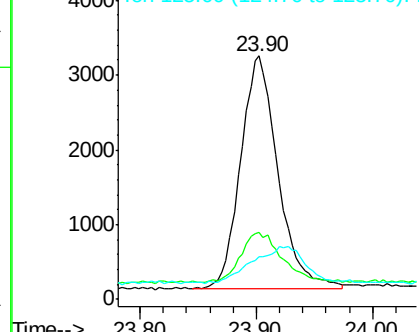
252 100

253 27.5 20.6 30.8

125 17.3 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: 0.245 ng

RT: 26.73 min Scan# 3031

Delta R.T. 0.00 min

Lab File: BE098267.D

Acq: 29 Nov 2018 10:53

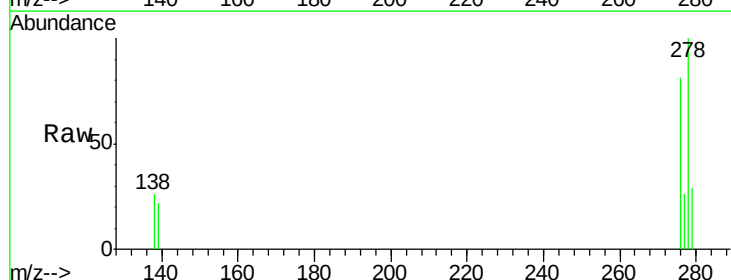
Tgt Ion:278 Resp: 6548

Ion Ratio Lower Upper

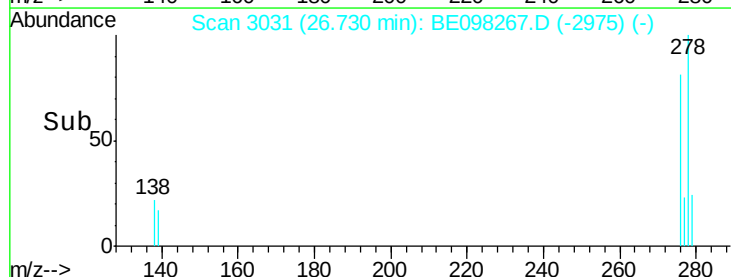
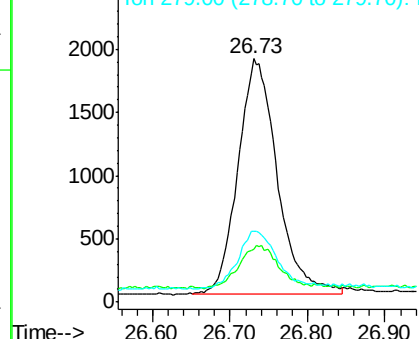
278 100

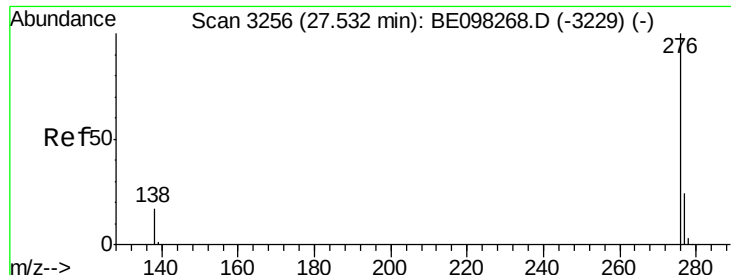
139 21.9 14.5 21.7#

279 28.8 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: 0.230 ng

RT: 27.53 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BE098267.D

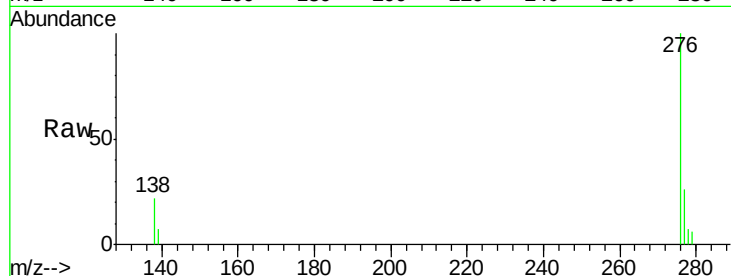
Acq: 29 Nov 2018 10:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2



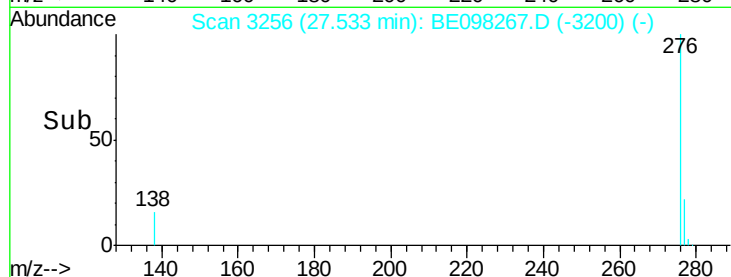
Tgt Ion: 276 Resp: 6617

Ion Ratio Lower Upper

276 100

277 26.0 20.8 31.2

138 22.0 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

