

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011519\
 Data File : BE098627.D
 Acq On : 15 Jan 2019 14:34
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE011519

Quant Time: Jan 15 15:06:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1090	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4913	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3279	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7700	0.40	ng	0.00
27) Chrysene-d12	21.41	240	8946	0.40	ng	0.00
34) Perylene-d12	23.92	264	8687	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1106	0.38	ng	0.00
5) Phenol-d6	7.00	99	1652	0.40	ng	0.00
8) Nitrobenzene-d5	8.97	82	1582	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	3027	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	557	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4942	0.37	ng	0.00
25) Fluoranthene-d10	19.26	212	36280	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	7232	0.37	ng	0.00

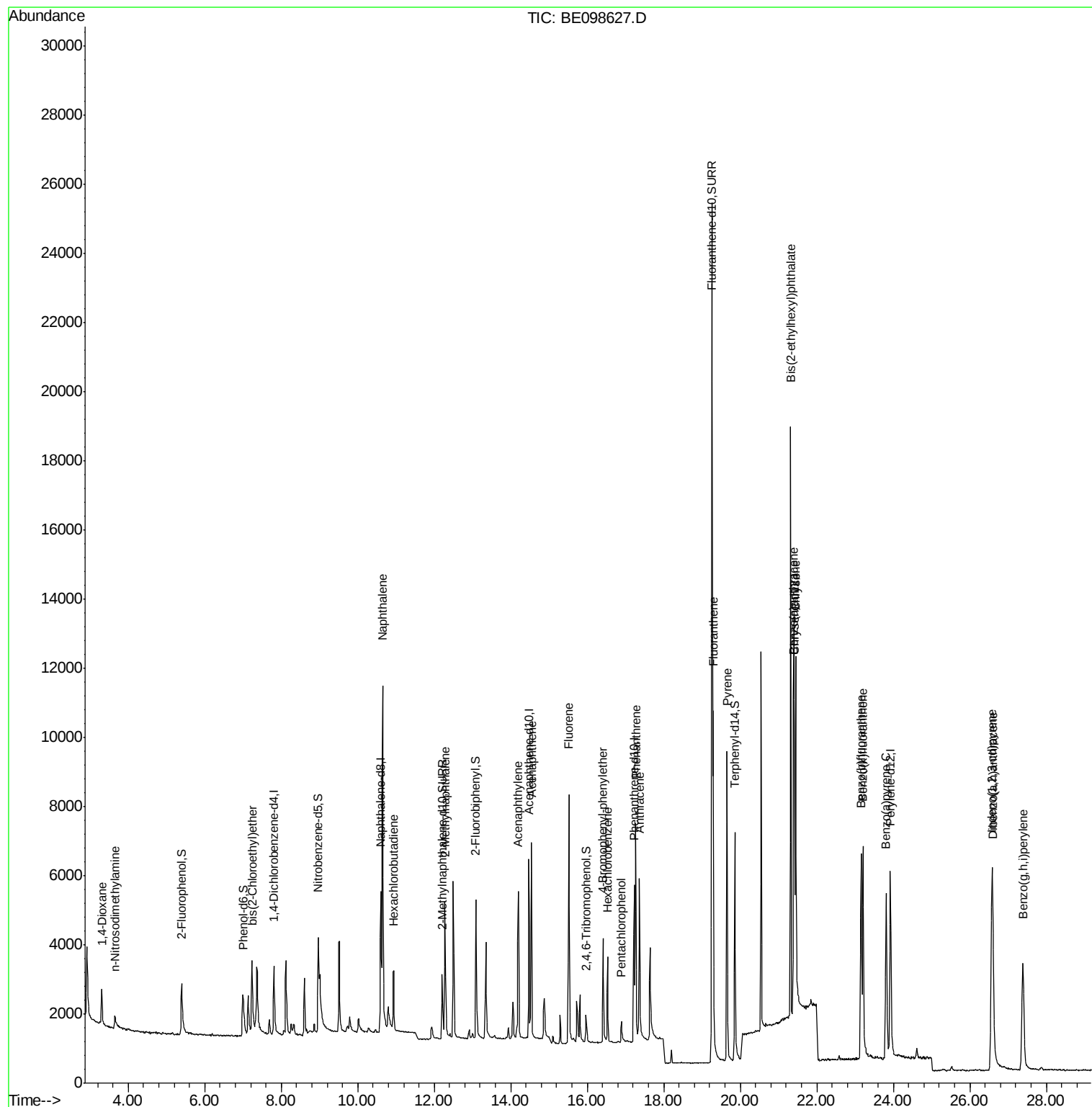
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	749	0.368	ng	97
3) n-Nitrosodimethylamine	3.65	42	529	0.356	ng	# 100
6) bis(2-Chloroethyl)ether	7.24	93	1124	0.359	ng	95
9) Naphthalene	10.65	128	18632	0.381	ng	100
10) Hexachlorobutadiene	10.94	225	1357	0.388	ng	97
12) 2-Methylnaphthalene	12.28	142	3014	0.372	ng	98
16) Acenaphthylene	14.20	152	5294	0.373	ng	99
17) Acenaphthene	14.54	154	3341	0.375	ng	99
18) Fluorene	15.51	166	4360	0.376	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1521	0.373	ng	88
21) Hexachlorobenzene	16.53	284	1905	0.387	ng	97
22) Pentachlorophenol	16.89	266	480	0.439	ng	98
23) Phenanthrene	17.27	178	6989	0.383	ng	100
24) Anthracene	17.36	178	5773	0.369	ng	99
26) Fluoranthene	19.29	202	8820	0.376	ng	99
28) Pyrene	19.65	202	9255	0.376	ng	99
30) Benzo(a)anthracene	21.39	228	9091	0.378	ng	98
31) Chrysene	21.45	228	9613	0.386	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	17677	0.346	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	10109	0.393	ng	# 89
35) Benzo(b)fluoranthene	23.15	252	8839	0.373	ng	100
36) Benzo(k)fluoranthene	23.20	252	9810	0.379	ng	99
37) Benzo(a)pyrene	23.81	252	8692	0.373	ng	98
38) Dibenzo(a,h)anthracene	26.60	278	8387	0.407	ng	99
39) Benzo(g,h,i)perylene	27.38	276	8765	0.388	ng	98

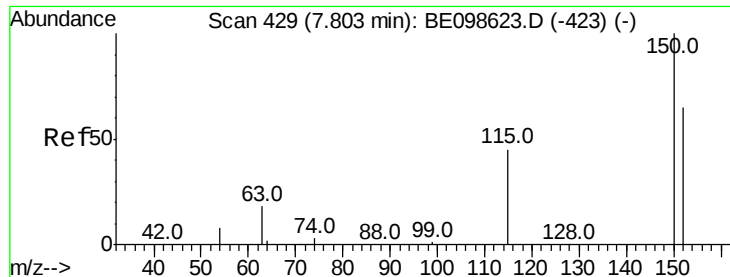
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011519\
Data File : BE098627.D
Acq On : 15 Jan 2019 14:34
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE011519

Quant Time: Jan 15 15:06:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

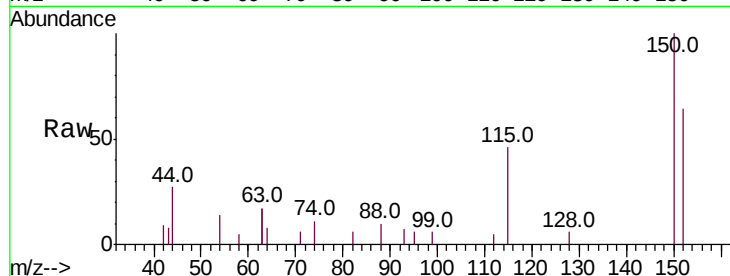
Tot Ion:152 Resp: 1090

Ion Ratio Lower Upper

152 100

150 156.7 121.4 182.2

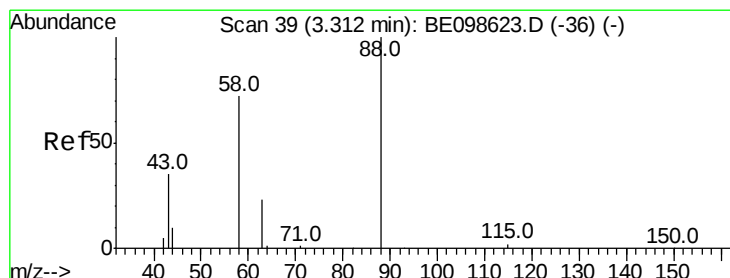
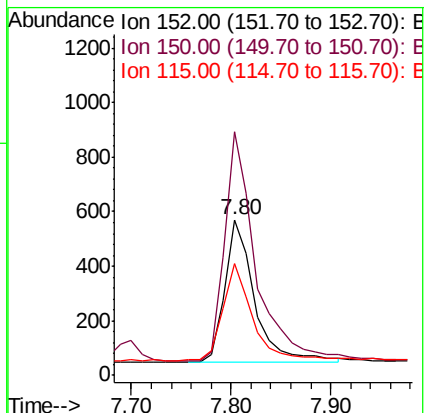
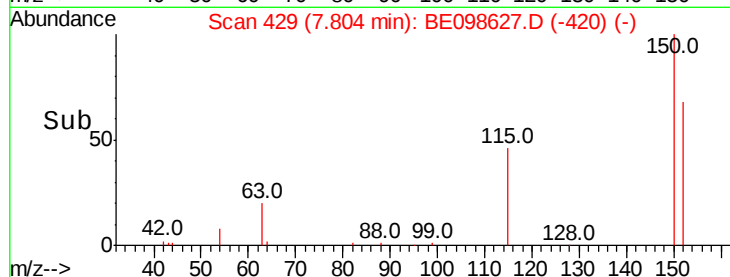
115 72.1 59.1 88.7



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: 0.368 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

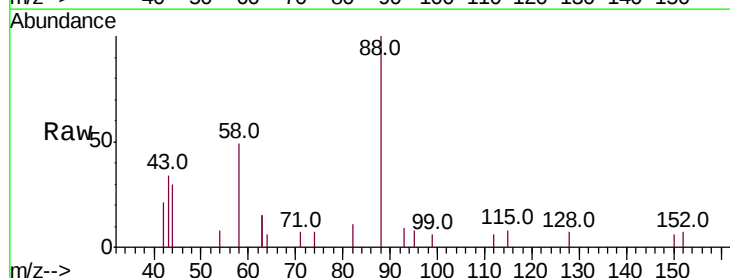
Tgt Ion: 88 Resp: 749

Ion Ratio Lower Upper

88 100

58 92.7 73.9 110.9

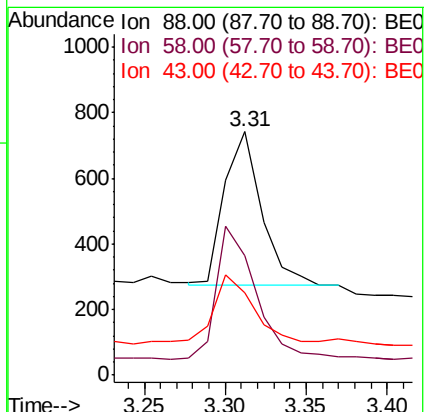
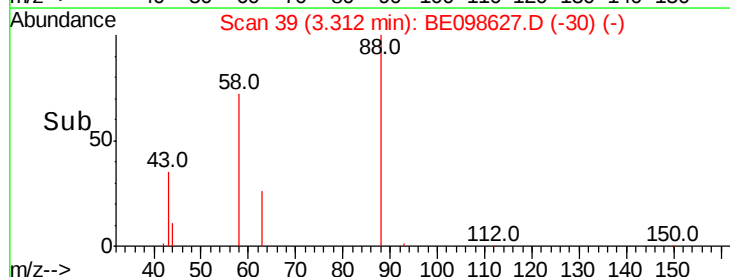
43 49.7 43.7 65.5

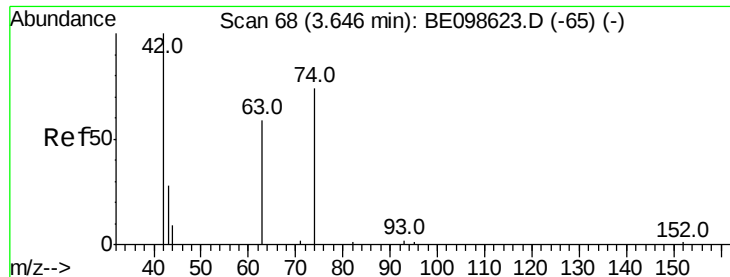


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



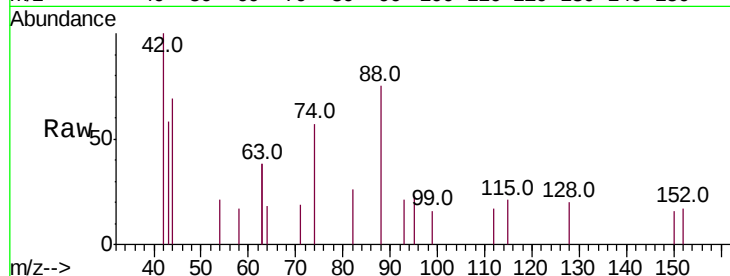


#3

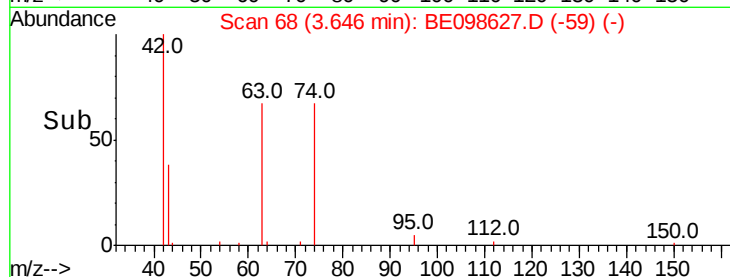
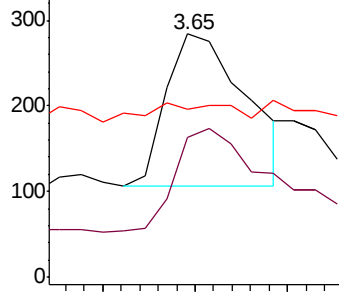
n-Nitrosodimethylamine
 Concen: 0.356 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BE098627.D
 Acq: 15 Jan 2019 14:34

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE011519

Tot Ion: 42 Resp: 529
 Ion Ratio Lower Upper
 42 100
 74 73.5 58.9 88.3
 44 0.0 0.0 0.0



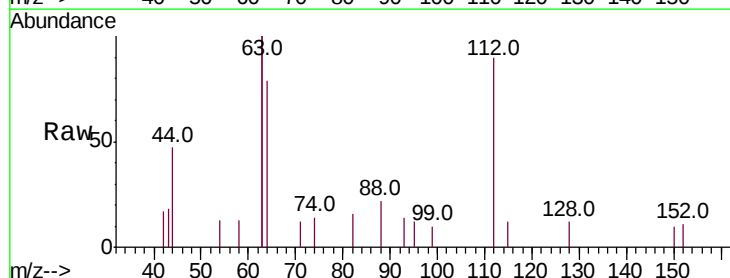
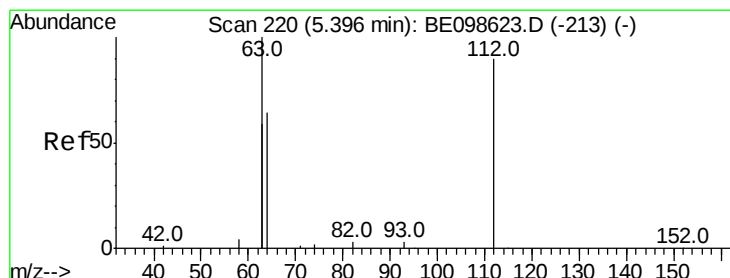
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



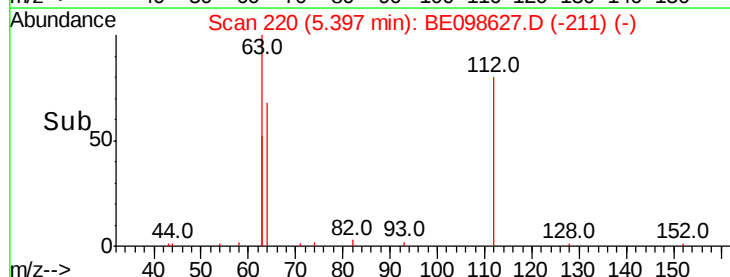
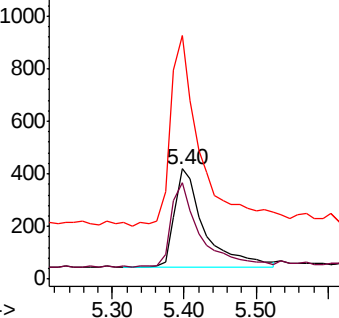
#4

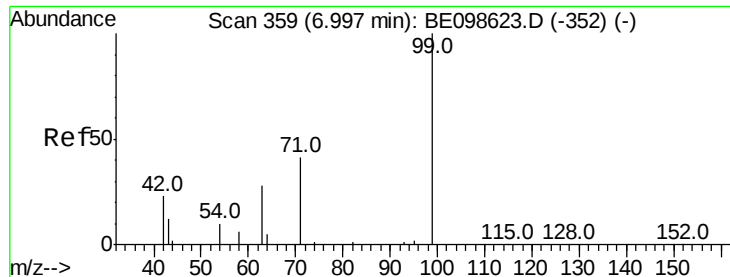
2-Fluorophenol
 Concen: 0.380 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: BE098627.D
 Acq: 15 Jan 2019 14:34

Tgt Ion: 112 Resp: 1106
 Ion Ratio Lower Upper
 112 100
 64 80.7 62.9 94.3
 63 196.3 152.2 228.4



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: 0.399 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

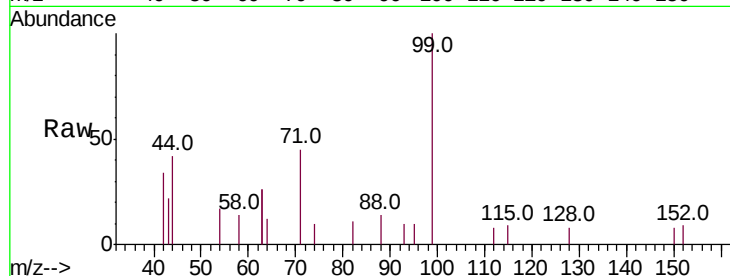
Tot Ion: 99 Resp: 1652

Ion Ratio Lower Upper

99 100

42 30.1 24.6 37.0

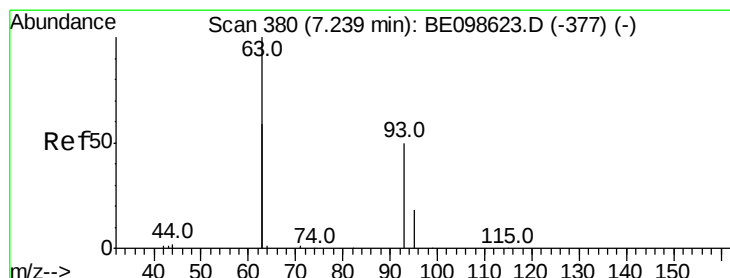
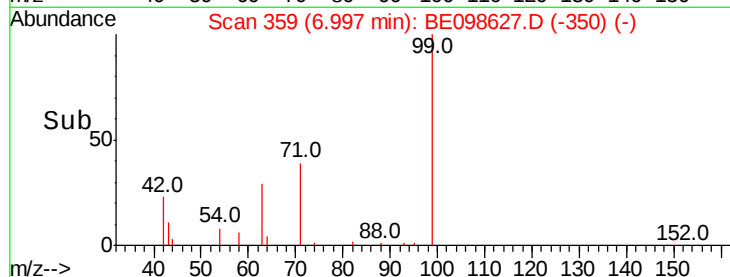
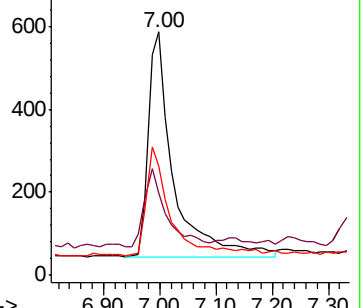
71 44.1 35.1 52.7



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: 0.359 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

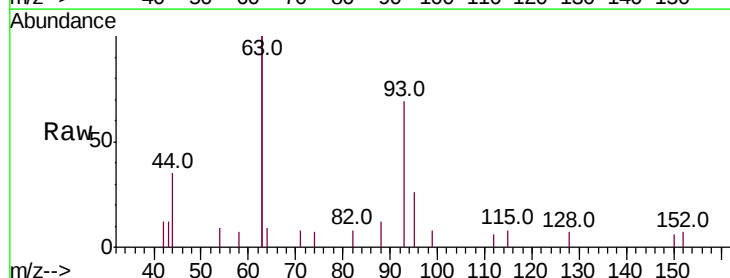
Tgt Ion: 93 Resp: 1124

Ion Ratio Lower Upper

93 100

63 323.8 267.3 400.9

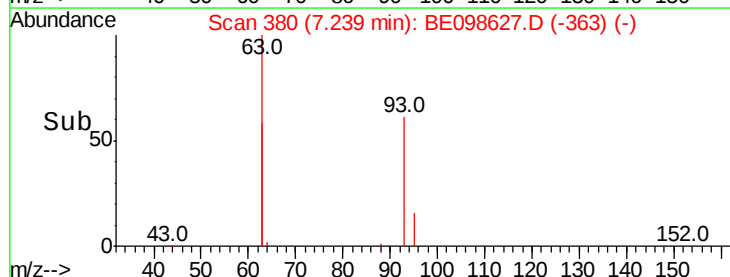
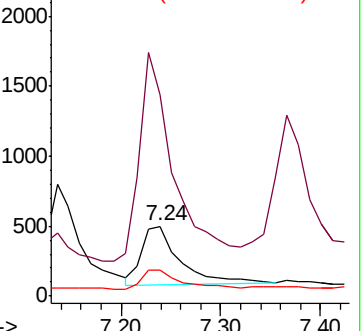
95 31.8 26.2 39.4

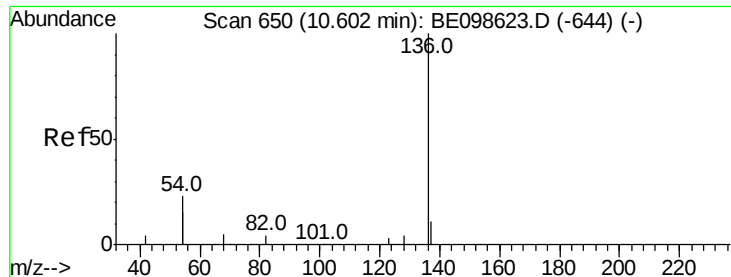


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

Tot Ion:136 Resp: 4913

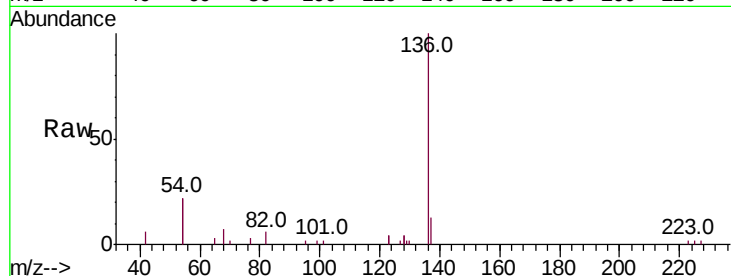
Ion Ratio Lower Upper

136 100

137 12.7 9.7 14.5

54 44.9 35.5 53.3

68 6.6 5.0 7.6

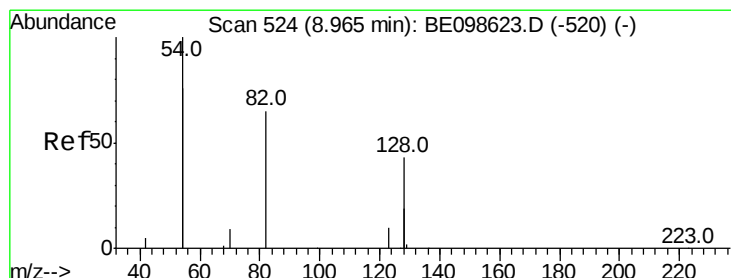
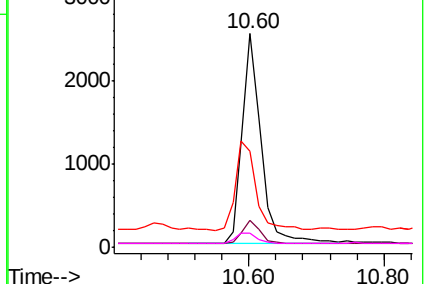
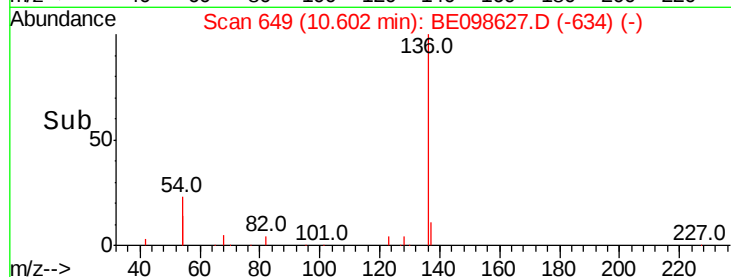


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.406 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

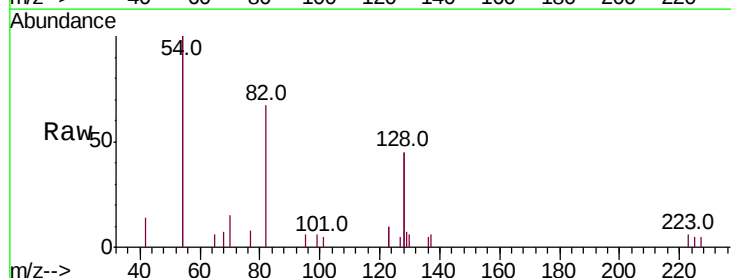
Tgt Ion: 82 Resp: 1582

Ion Ratio Lower Upper

82 100

128 133.6 96.5 144.7

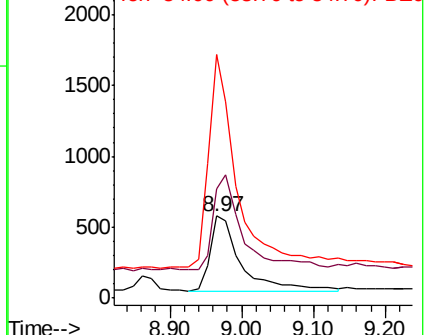
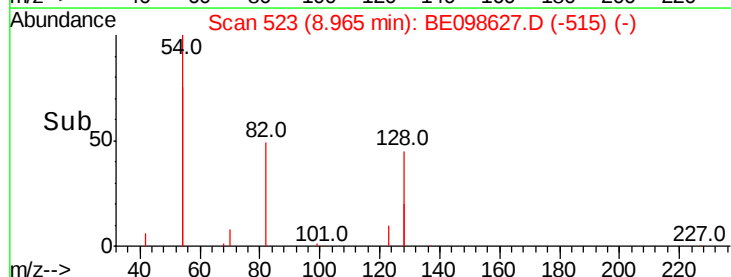
54 297.2 224.7 337.1

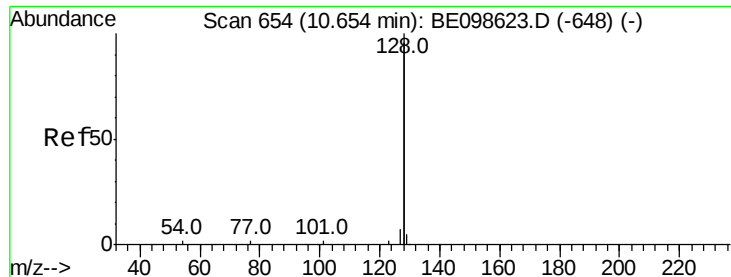


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.381 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

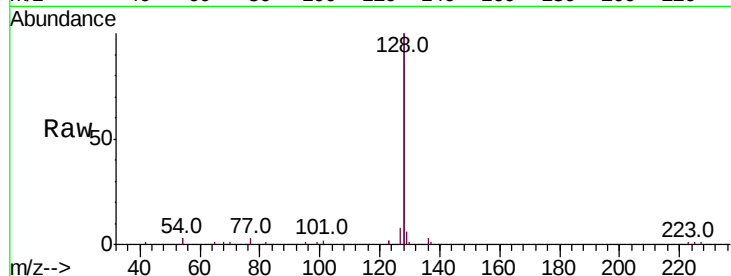
Tot Ion:128 Resp: 18632

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

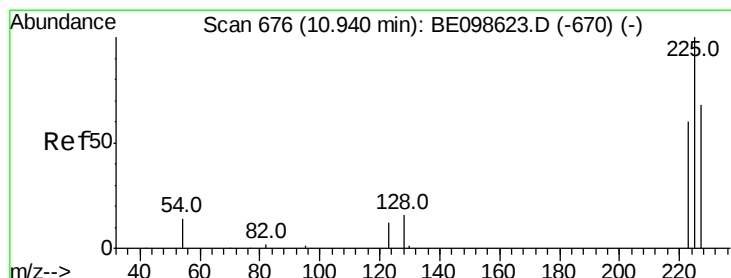
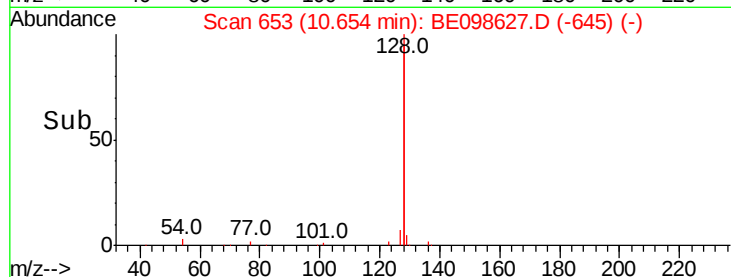
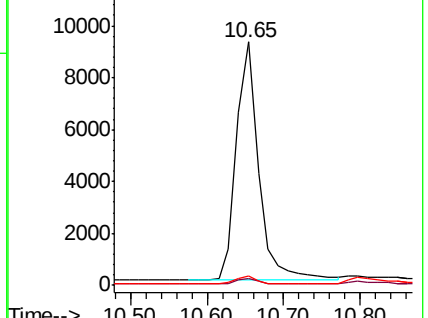
127 3.8 3.0 4.6



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: 0.388 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

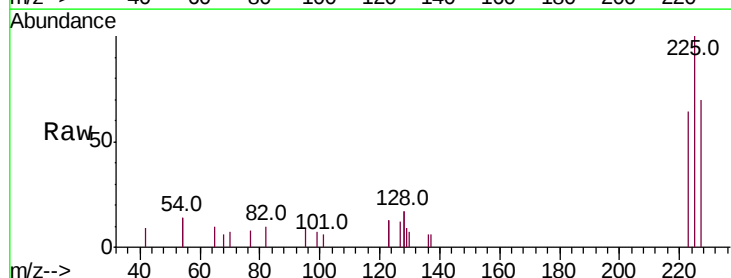
Tgt Ion:225 Resp: 1357

Ion Ratio Lower Upper

225 100

223 61.7 47.8 71.8

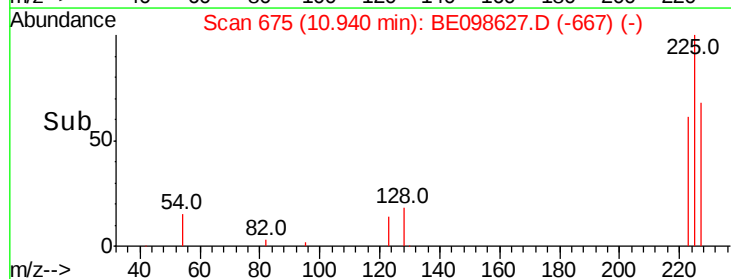
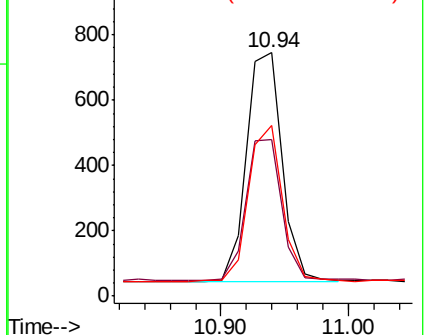
227 65.4 50.5 75.7

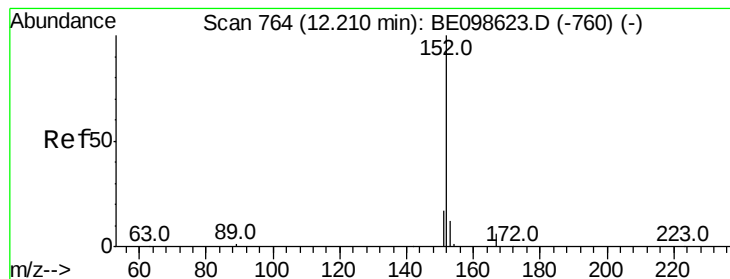


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

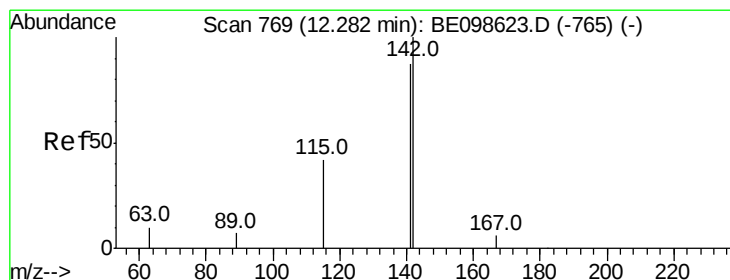
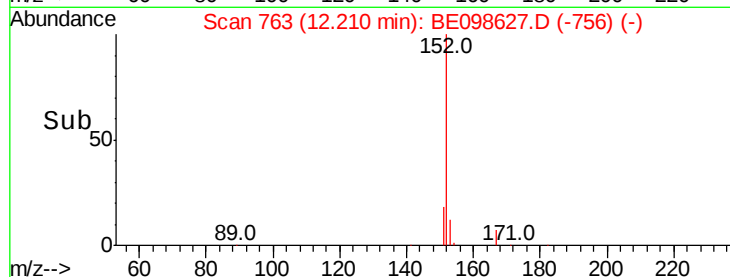
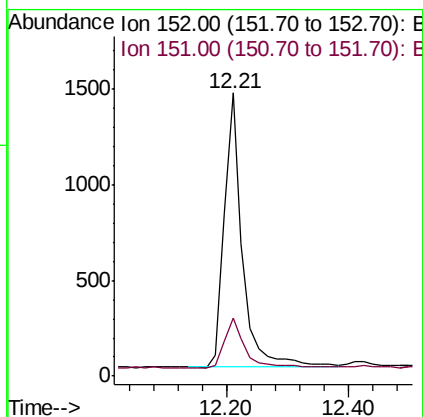
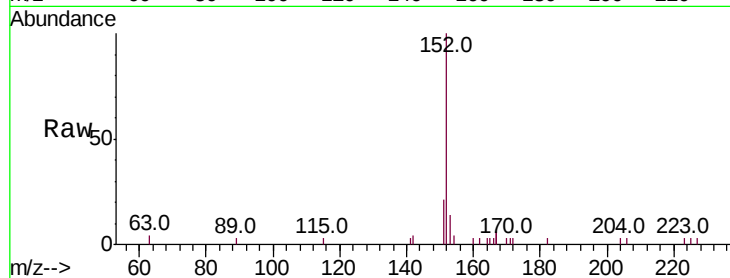




#11
 2-Methylnaphthalene-d10
 Concen: 0.374 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE098627.D
 Acq: 15 Jan 2019 14:34

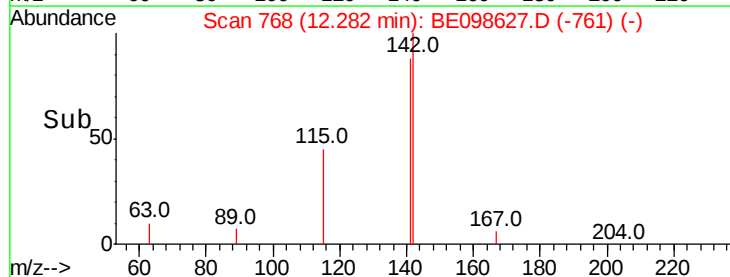
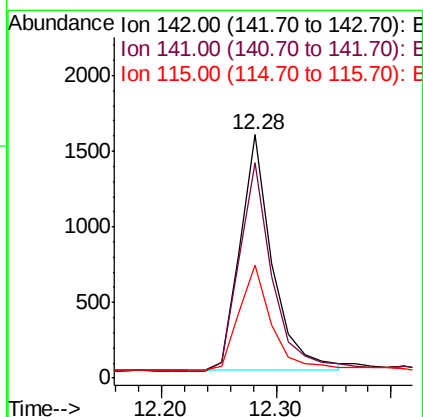
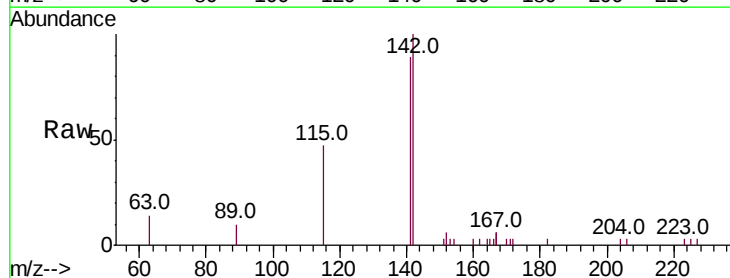
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE011519

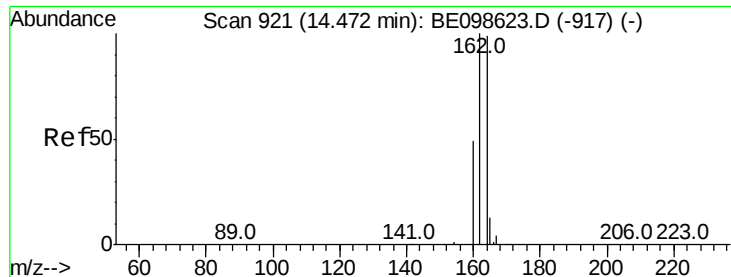
Tot Ion:152 Resp: 3027
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.372 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE098627.D
 Acq: 15 Jan 2019 14:34

Tgt Ion:142 Resp: 3014
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.0 105.0
 115 46.6 35.2 52.8

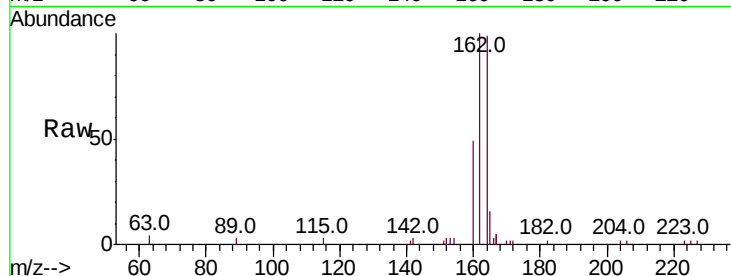




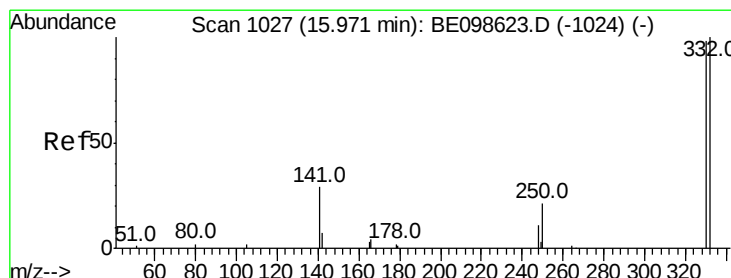
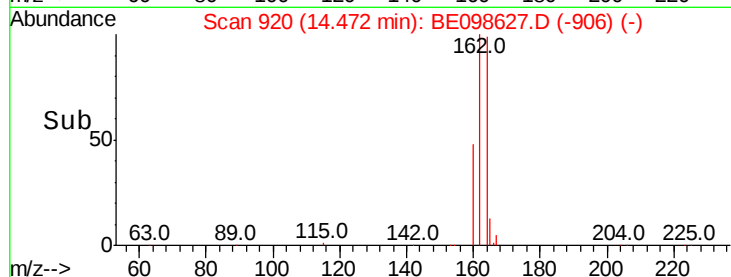
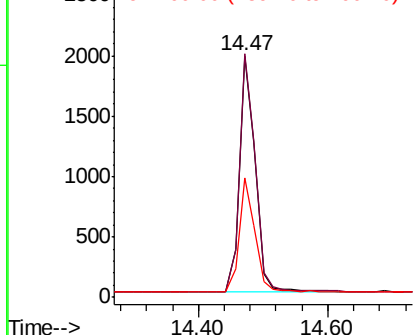
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Instrument :
BNA_E
ClientSampleId :
ICVBE011519

Tot Ion:164 Resp: 3279
Ion Ratio Lower Upper
164 100
162 101.0 80.5 120.7
160 49.6 40.1 60.1

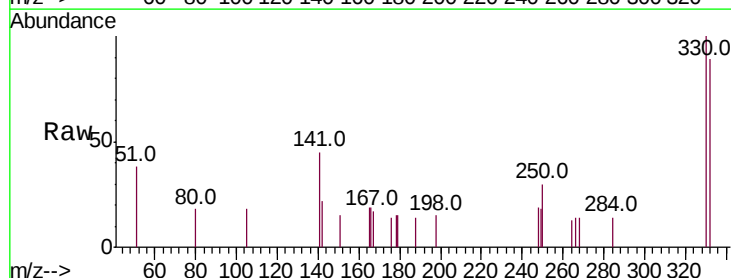


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

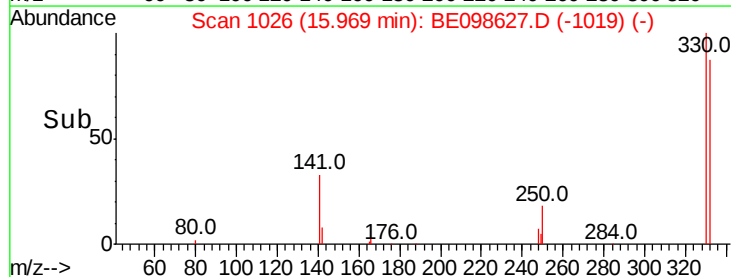
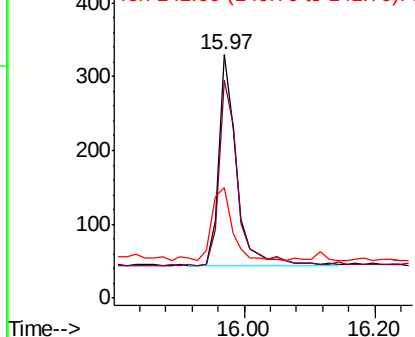


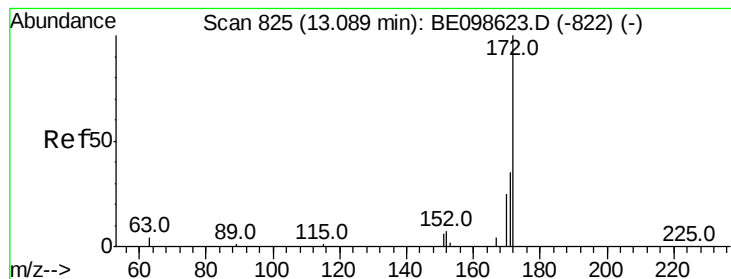
#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:330 Resp: 557
Ion Ratio Lower Upper
330 100
332 91.9 73.3 109.9
141 34.6 33.1 49.7



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: 0.368 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

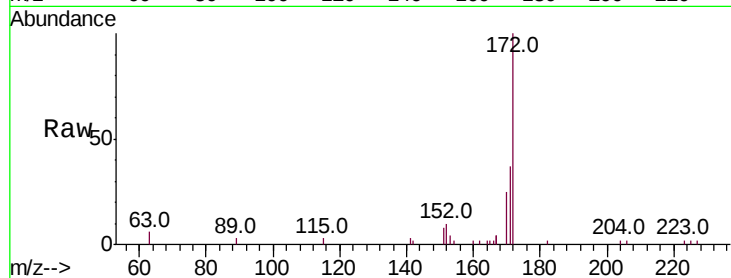
Tot Ion:172 Resp: 4942

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

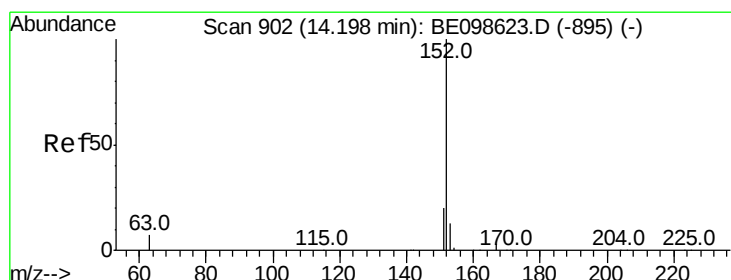
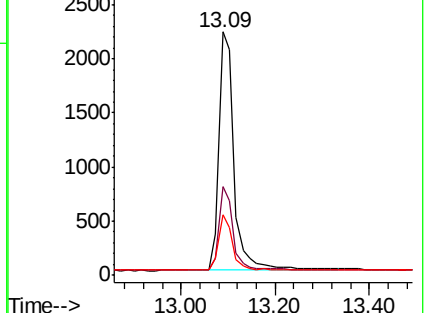
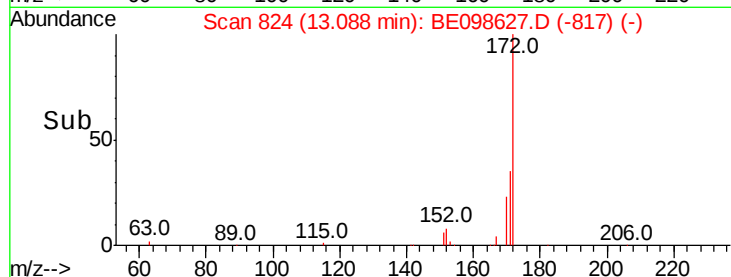
170 24.6 20.8 31.2



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: 0.373 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

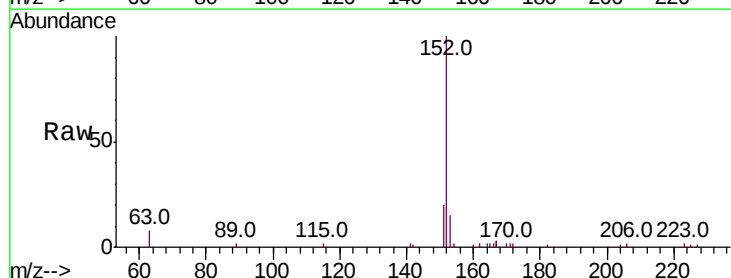
Tgt Ion:152 Resp: 5294

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

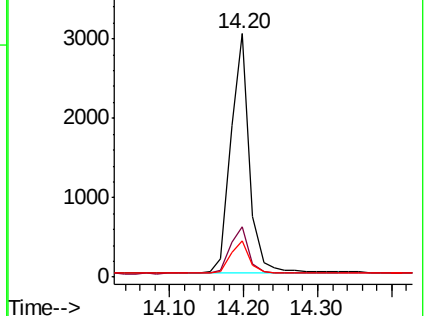
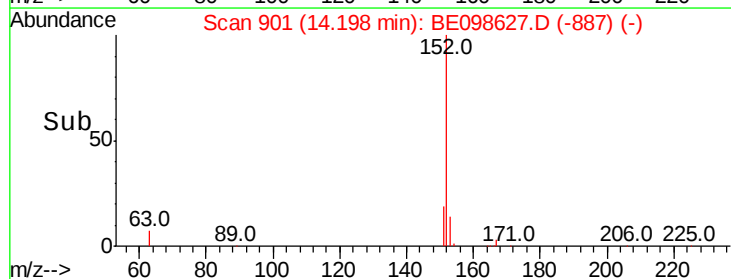
153 13.7 10.7 16.1

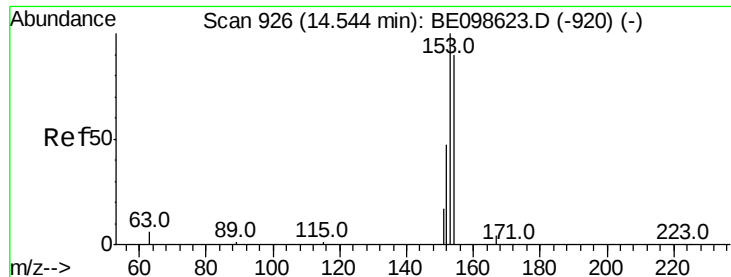


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

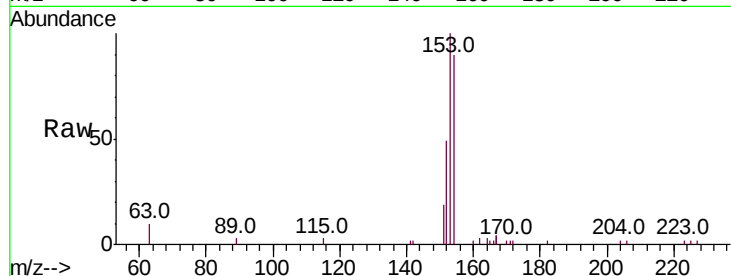




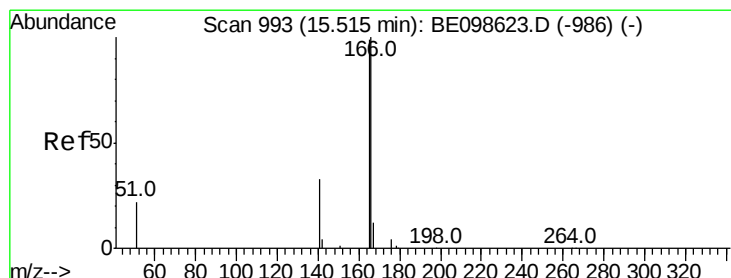
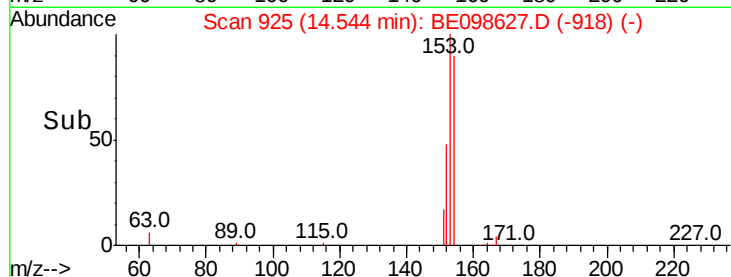
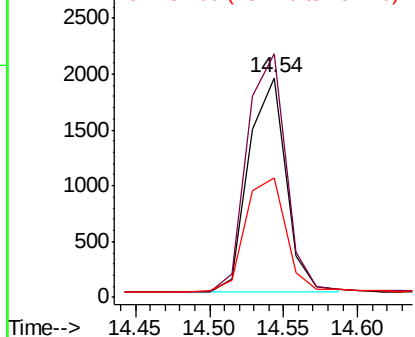
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Instrument :
BNA_E
ClientSampleId :
ICVBE011519

Tot Ion:154 Resp: 3341
Ion Ratio Lower Upper
154 100
153 116.1 93.9 140.9
152 57.9 45.8 68.8

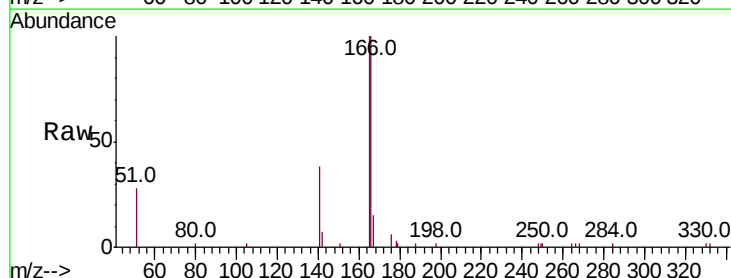


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

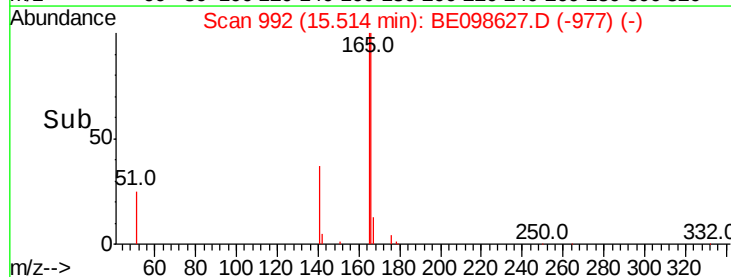
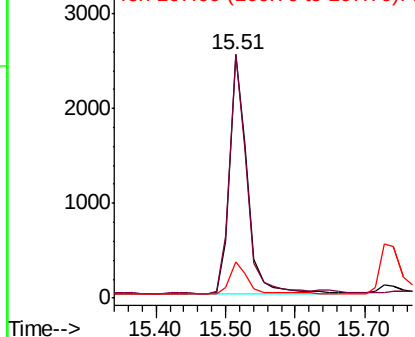


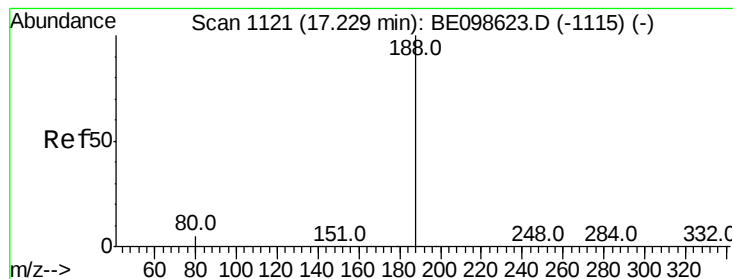
#18
Fluorene
Concen: 0.376 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:166 Resp: 4360
Ion Ratio Lower Upper
166 100
165 100.0 79.3 118.9
167 13.2 10.6 15.8



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: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

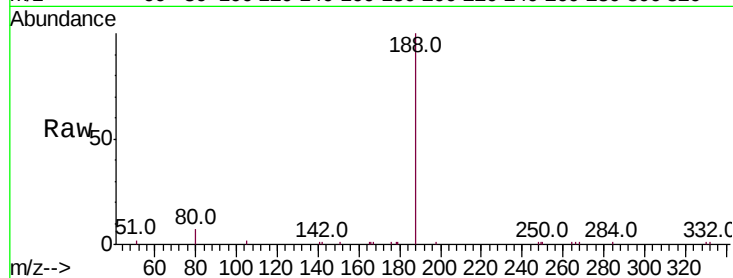
Tot Ion:188 Resp: 7700

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

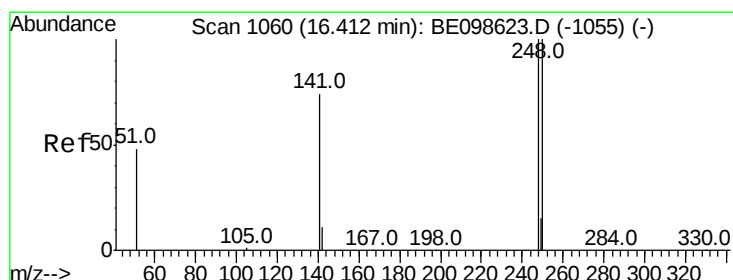
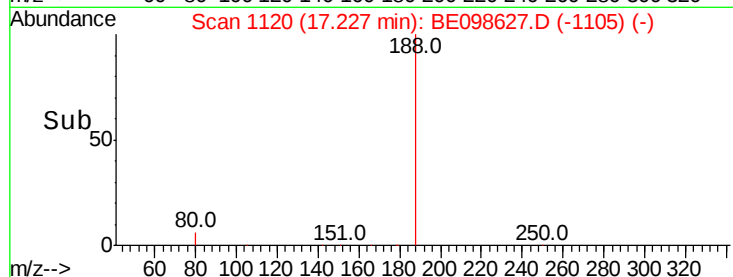
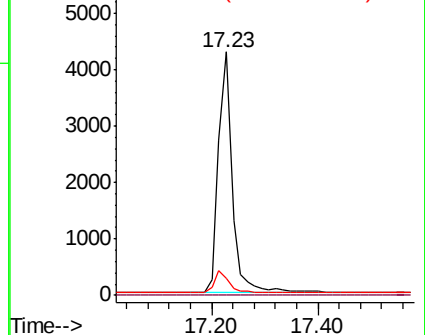
80 6.9 4.7 7.1



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: 0.373 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

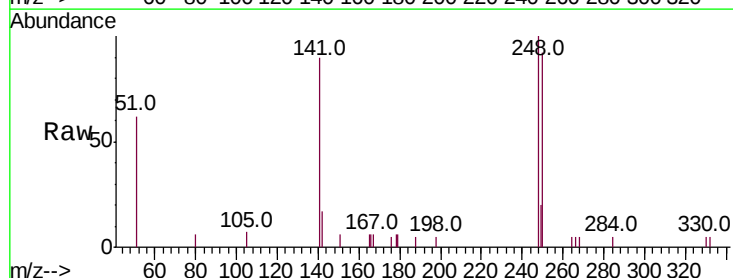
Tgt Ion:248 Resp: 1521

Ion Ratio Lower Upper

248 100

250 92.2 80.2 120.4

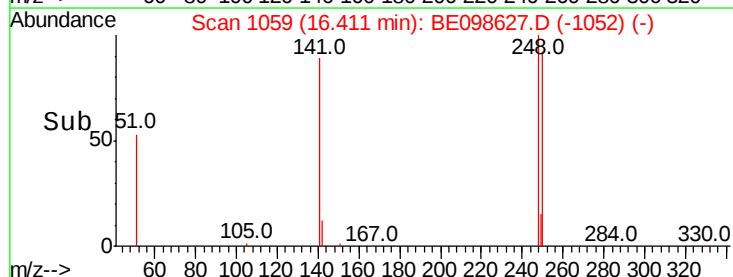
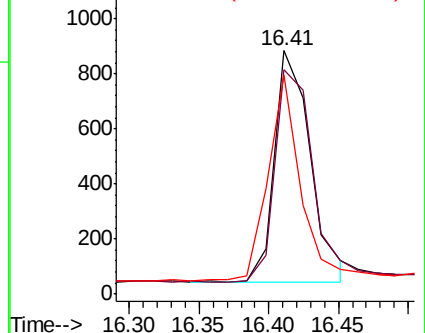
141 89.9 60.5 90.7

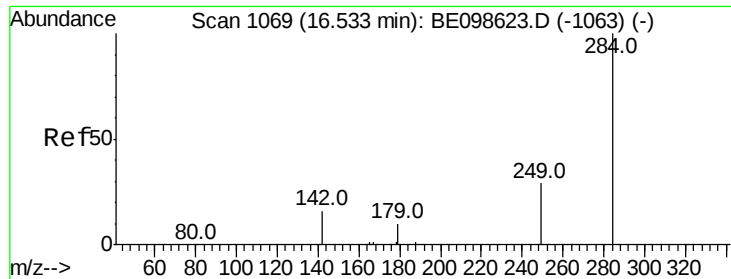


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

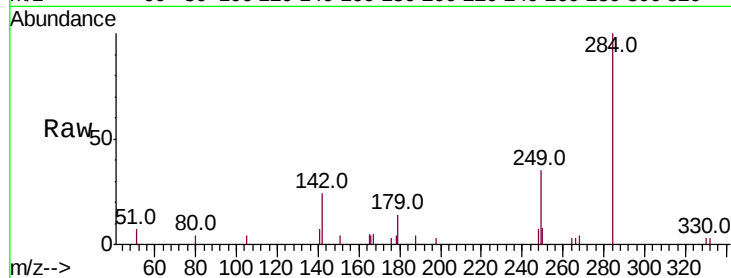




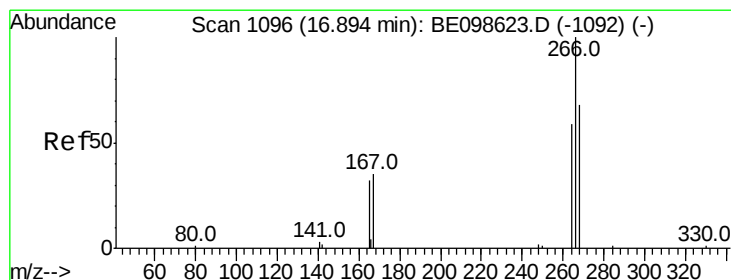
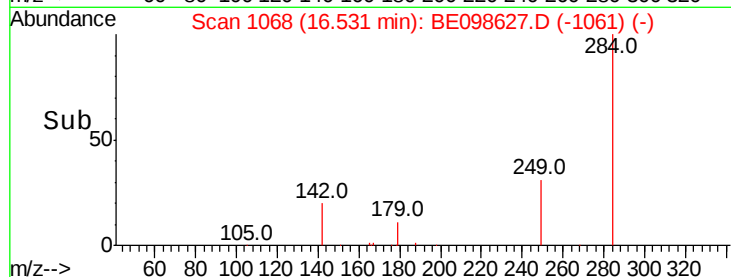
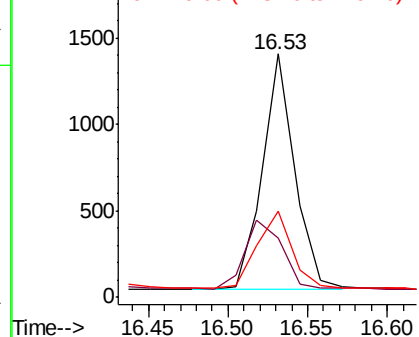
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Instrument :
BNA_E
ClientSampleId :
ICVBE011519

Tot Ion:284 Resp: 1905
Ion Ratio Lower Upper
284 100
142 33.6 25.5 38.3
249 35.0 26.6 39.8

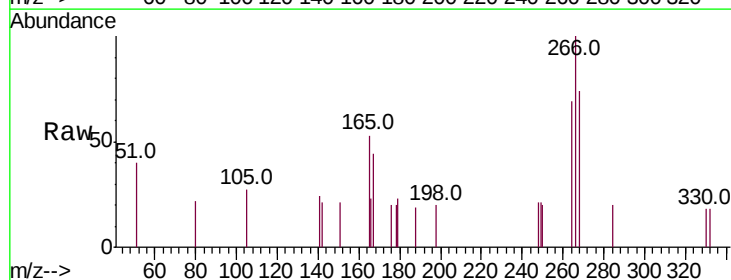


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

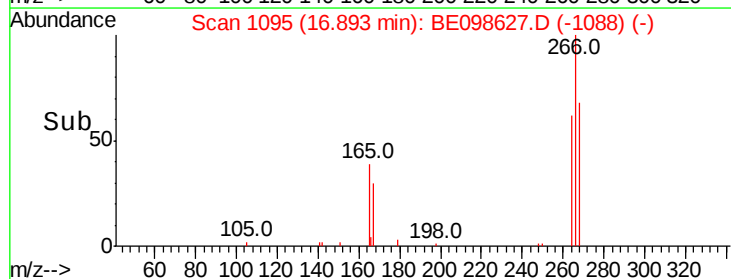
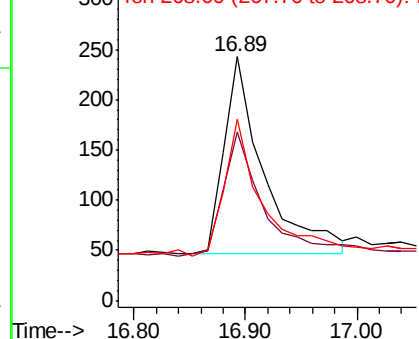


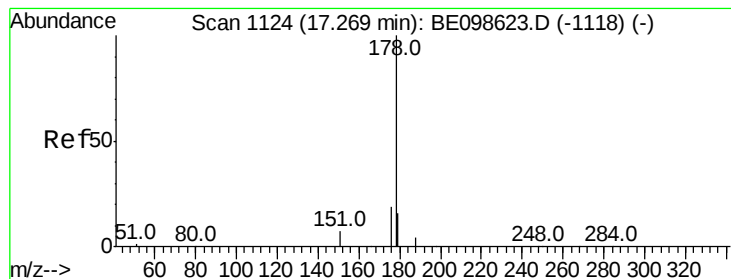
#22
Pentachlorophenol
Concen: 0.439 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:266 Resp: 480
Ion Ratio Lower Upper
266 100
264 69.1 53.7 80.5
268 74.1 59.8 89.8



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: 0.383 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

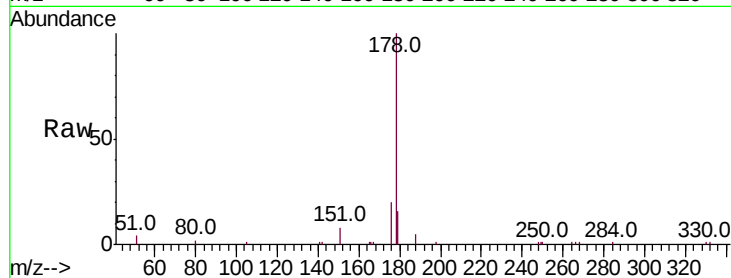
BNA_E

ClientSampleId :

ICVBE011519

Tot Ion:178 Resp: 6989

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.3	12.2	18.4

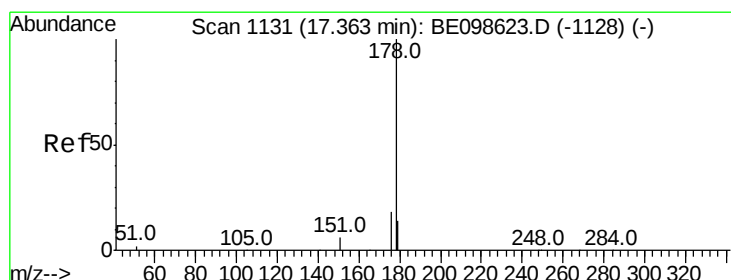
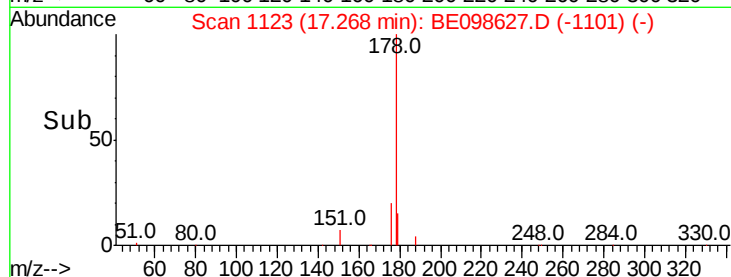
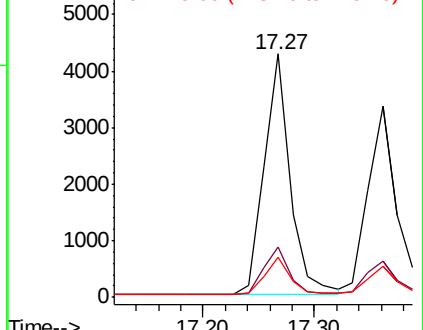


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.369 ng

RT: 17.36 min Scan# 1130

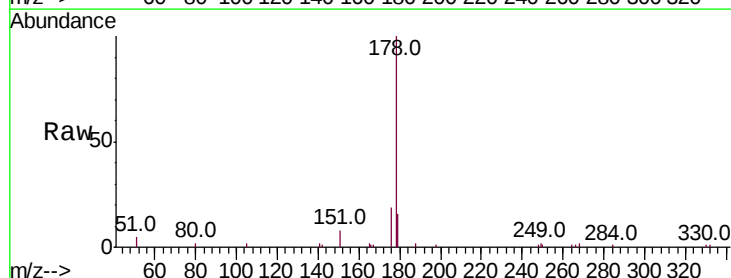
Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Tgt Ion:178 Resp: 5773

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.1	11.8	17.8

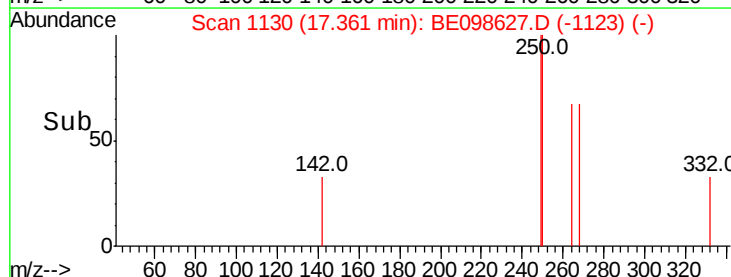
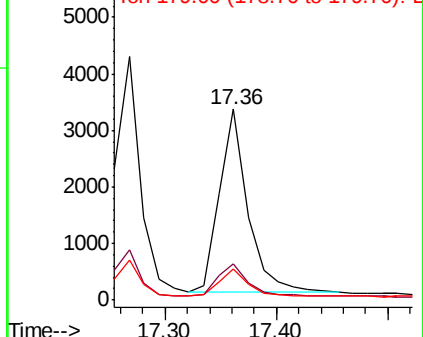


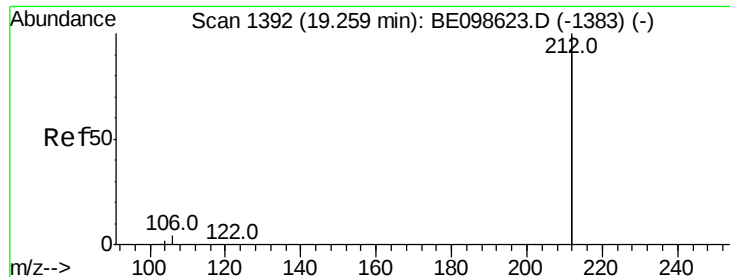
Abundance

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: 0.380 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

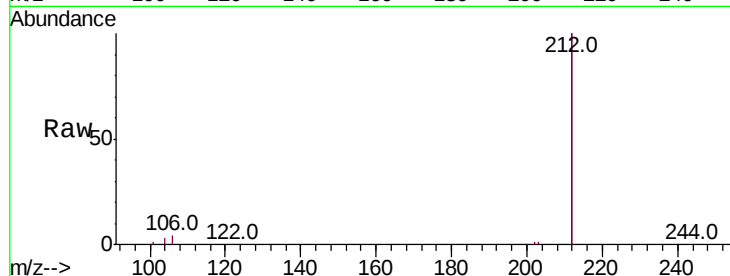
Tot Ion:212 Resp: 36280

Ion Ratio Lower Upper

212 100

106 2.1 1.7 2.5

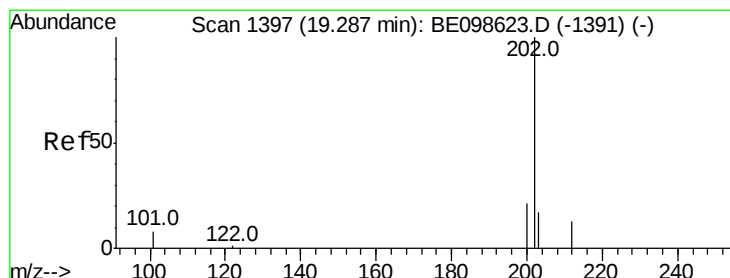
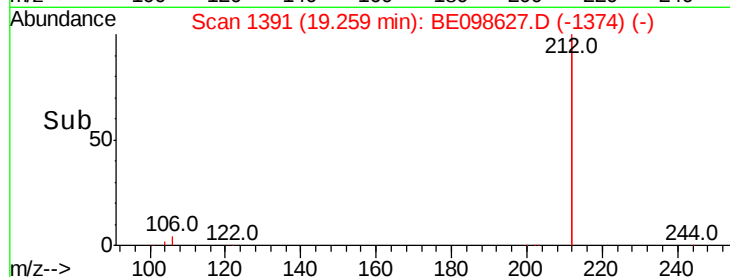
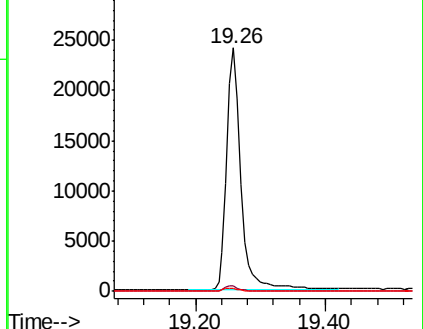
104 1.3 1.0 1.6



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: 0.376 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

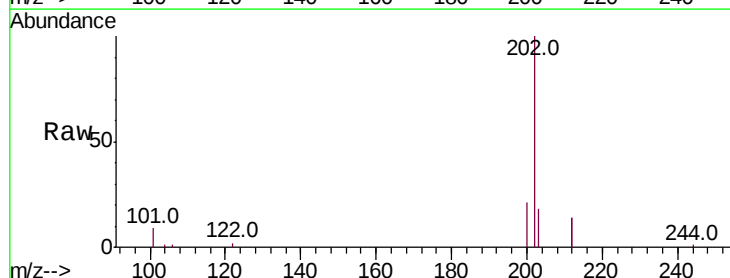
Tgt Ion:202 Resp: 8820

Ion Ratio Lower Upper

202 100

101 8.4 6.7 10.1

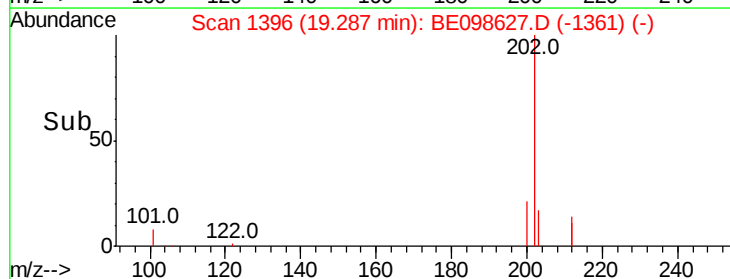
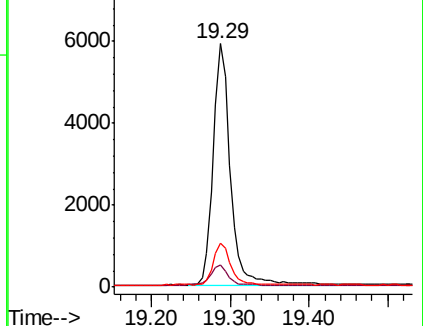
203 17.3 13.3 19.9

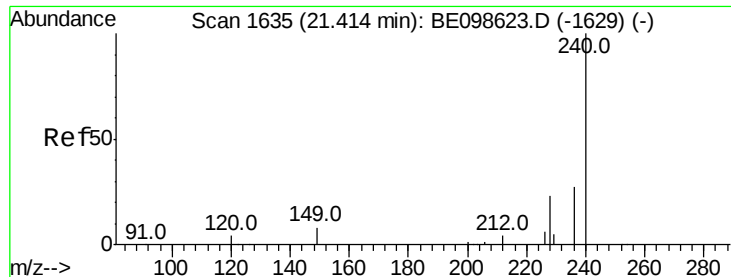


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

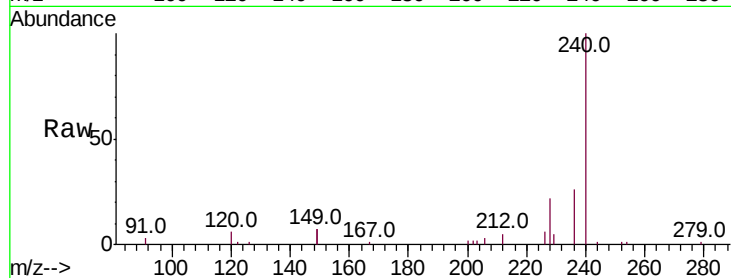
Tot Ion:240 Resp: 8946

Ion Ratio Lower Upper

240 100

120 5.5 4.7 7.1

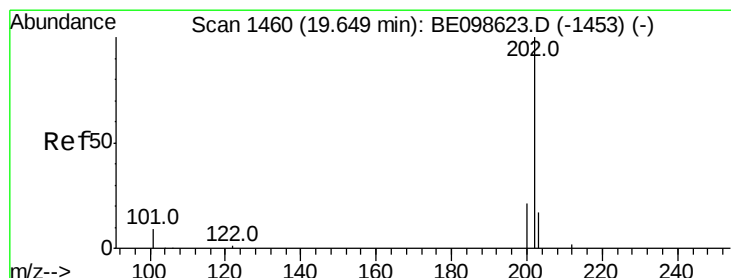
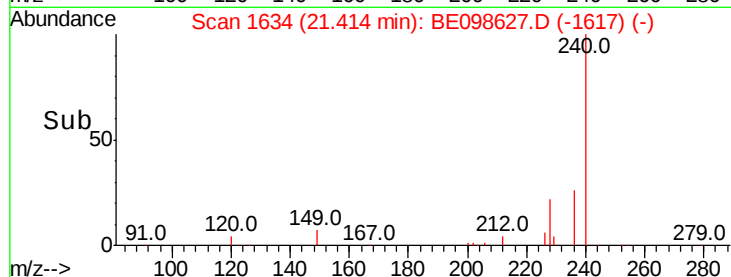
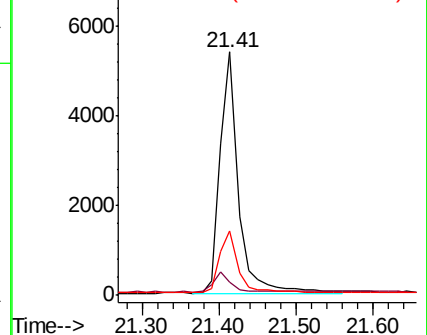
236 26.3 21.9 32.9



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: 0.376 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

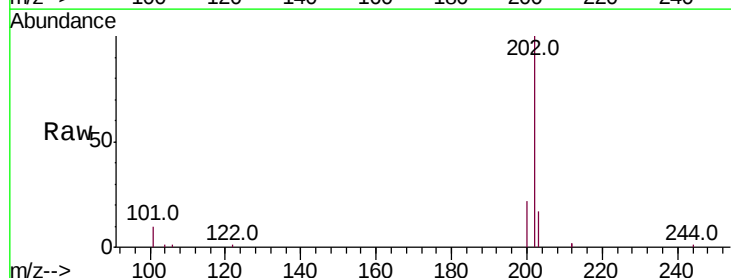
Tgt Ion:202 Resp: 9255

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

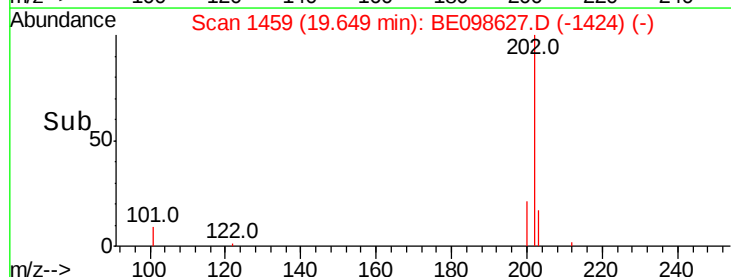
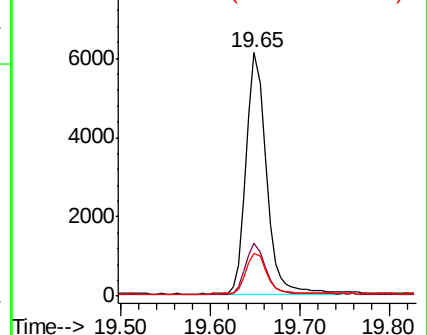
203 17.9 13.8 20.8

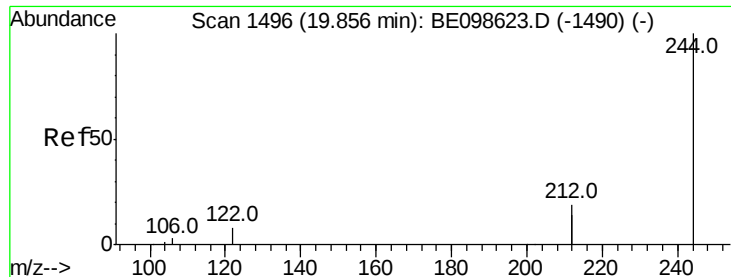


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.365 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

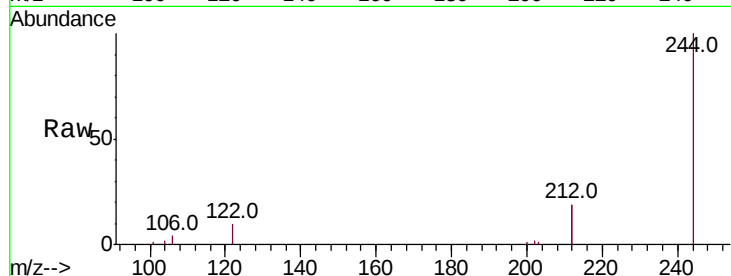
Tot Ion:244 Resp: 7232

Ion Ratio Lower Upper

244 100

212 38.9 29.4 44.2

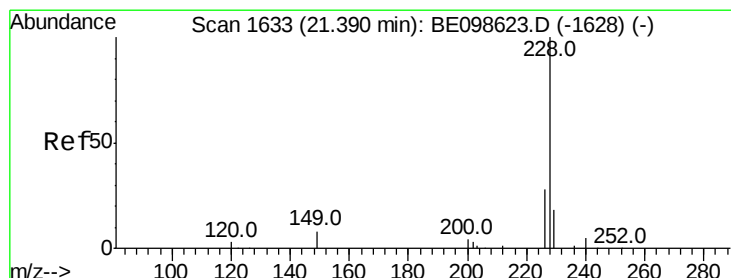
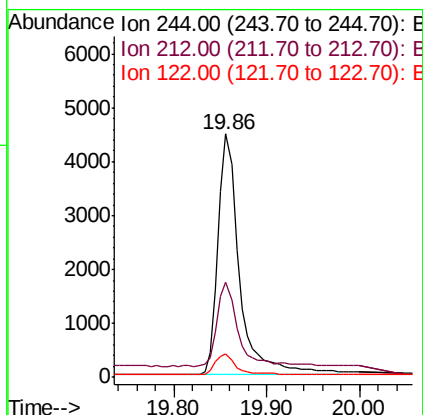
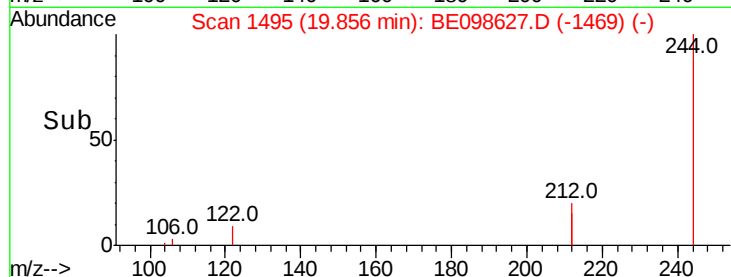
122 9.6 7.1 10.7



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: 0.378 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

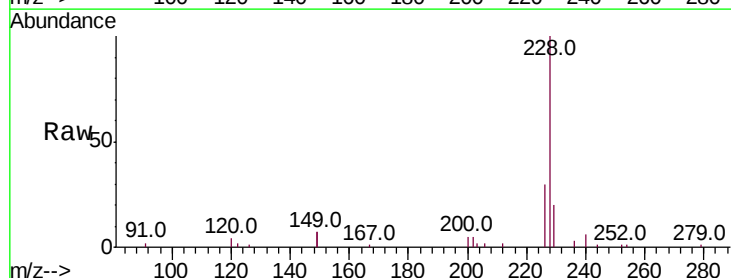
Tgt Ion:228 Resp: 9091

Ion Ratio Lower Upper

228 100

226 29.9 23.0 34.4

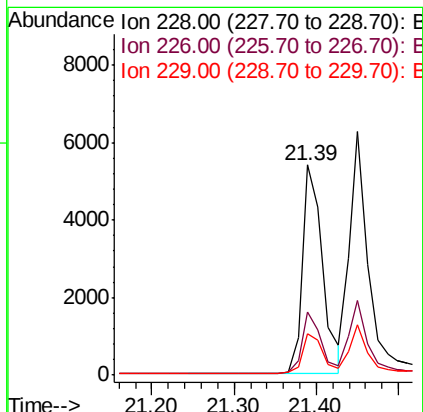
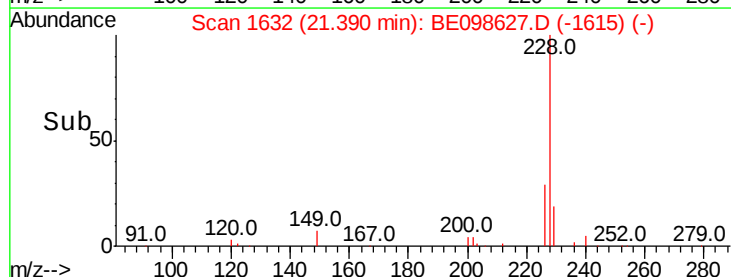
229 19.9 15.0 22.6

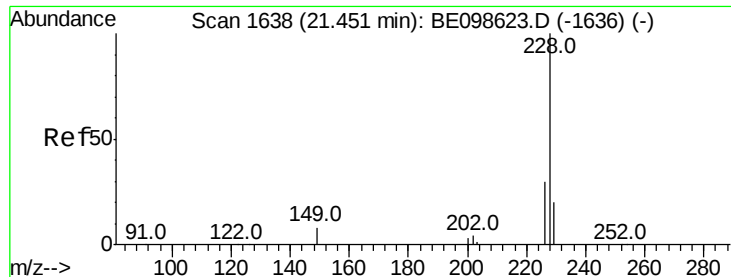


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.386 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

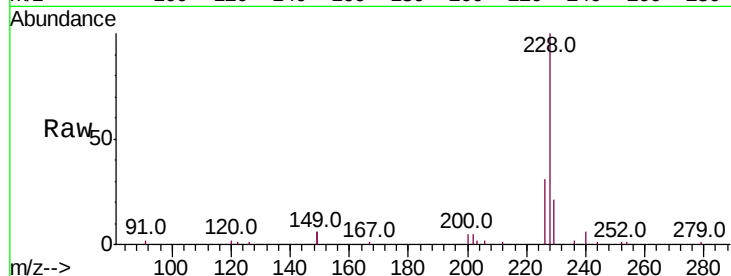
Tot Ion:228 Resp: 9613

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

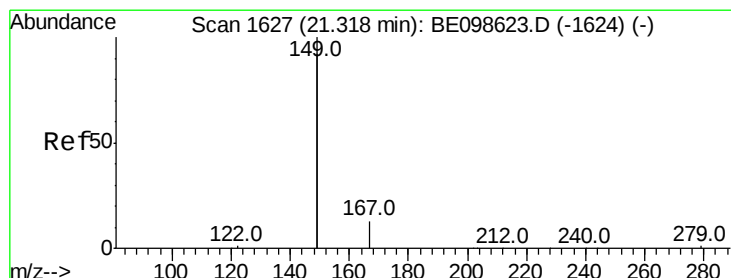
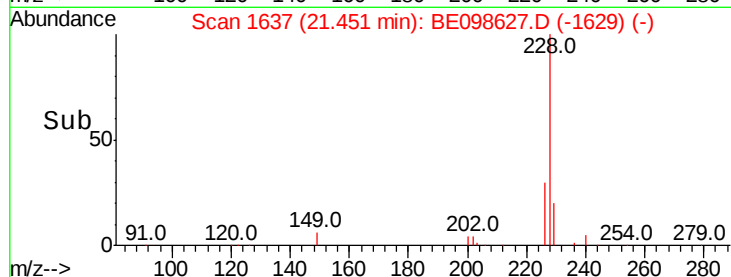
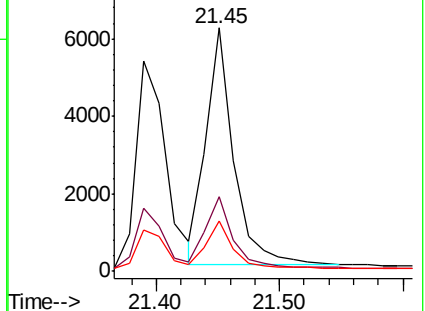
229 20.6 16.4 24.6



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: 0.346 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

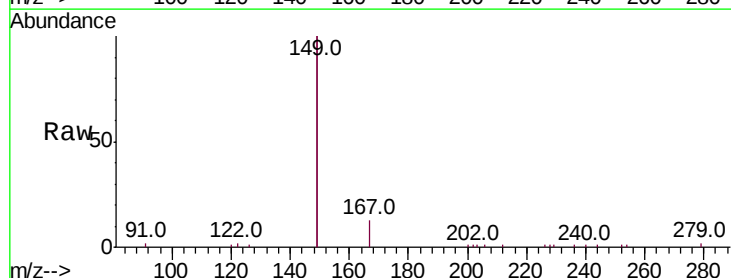
Tgt Ion:149 Resp: 17677

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.2

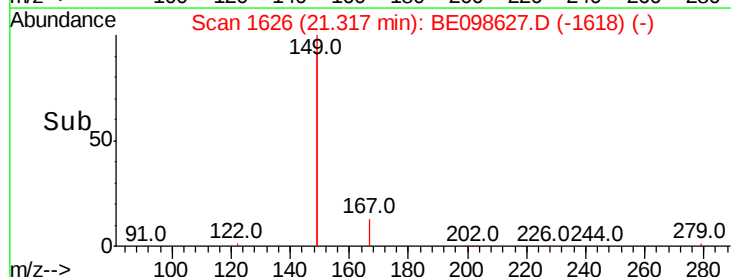
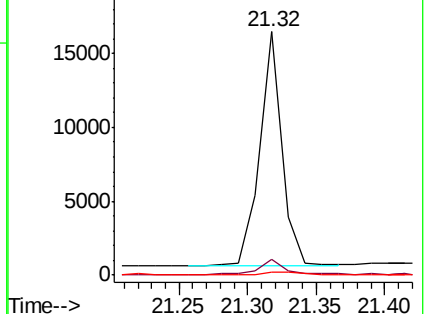
279 1.3 1.0 1.4

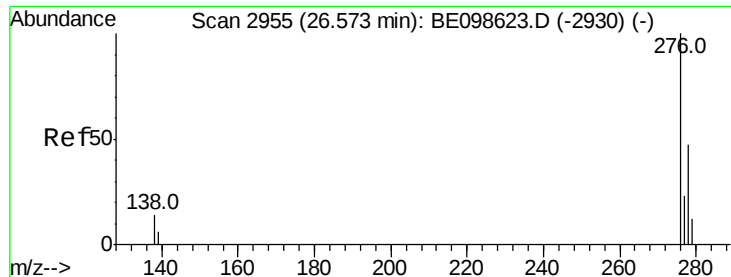


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.393 ng

RT: 26.57 min Scan# 2953

Delta R.T. -0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

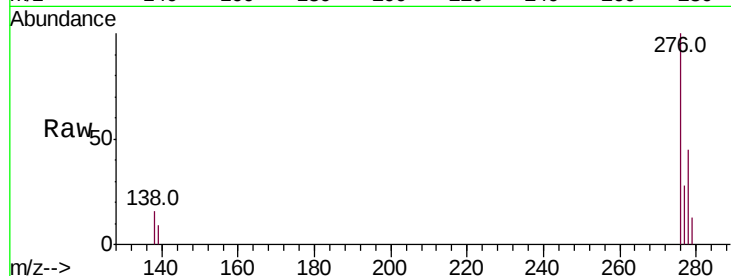
Tot Ion:276 Resp: 10109

Ion Ratio Lower Upper

276 100

138 6.2 13.3 19.9#

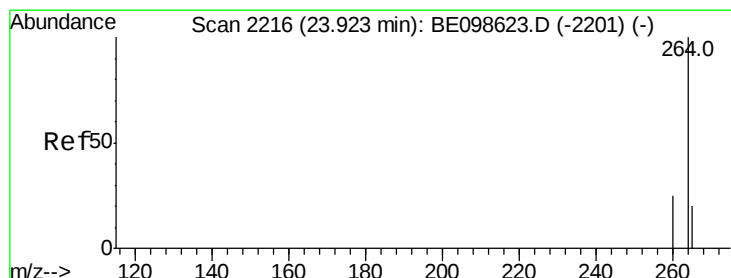
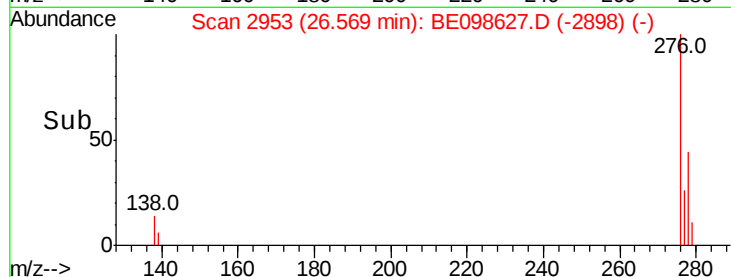
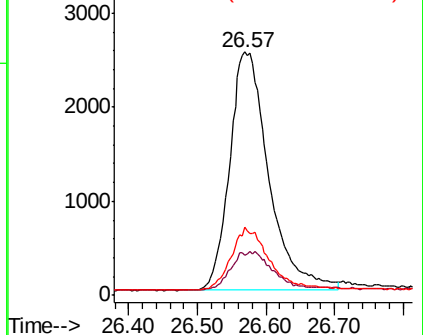
277 25.1 19.4 29.0



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: 23.92 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

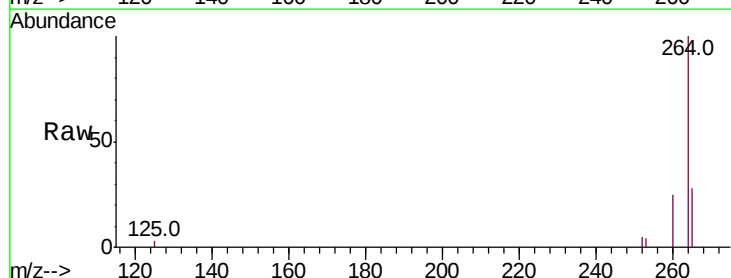
Tgt Ion:264 Resp: 8687

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

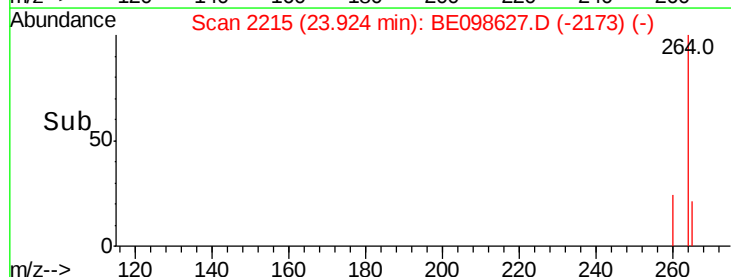
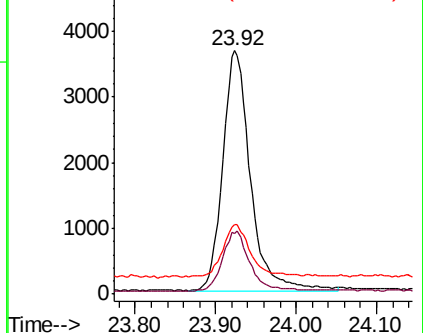
265 28.4 22.3 33.5

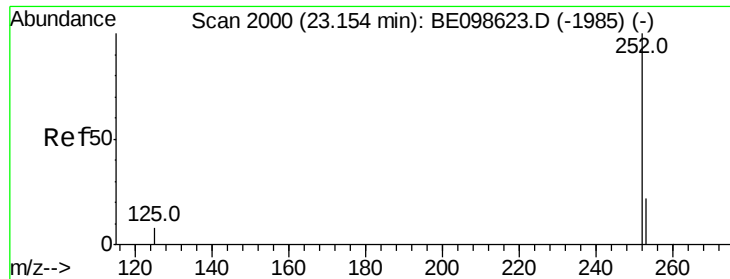


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.373 ng

RT: 23.15 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

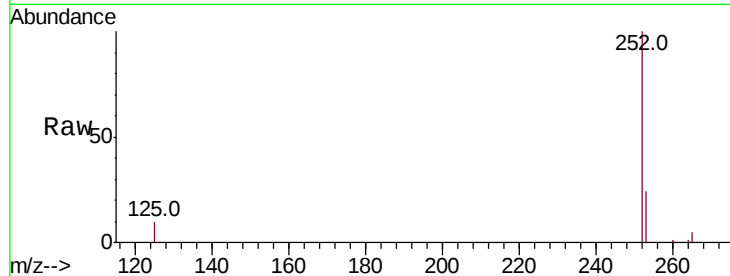
Tot Ion:252 Resp: 8839

Ion Ratio Lower Upper

252 100

253 24.0 19.4 29.0

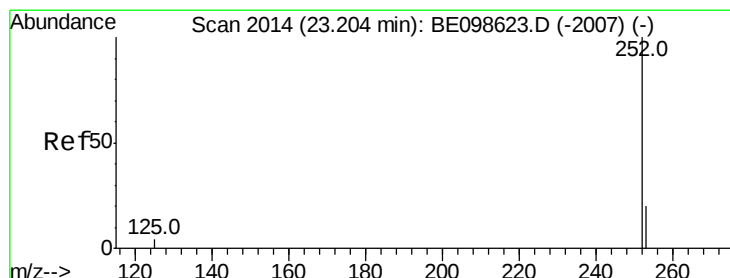
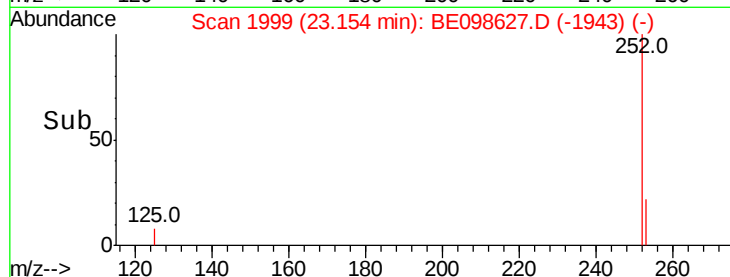
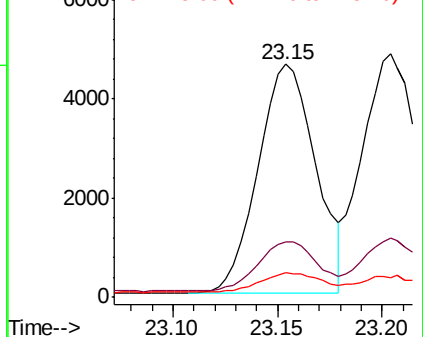
125 10.4 8.2 12.4



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: 0.379 ng

RT: 23.20 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

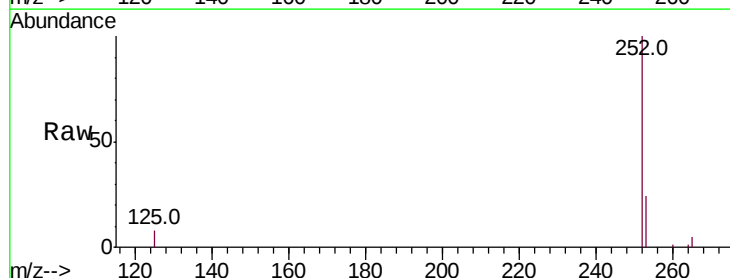
Tgt Ion:252 Resp: 9810

Ion Ratio Lower Upper

252 100

253 24.2 19.0 28.4

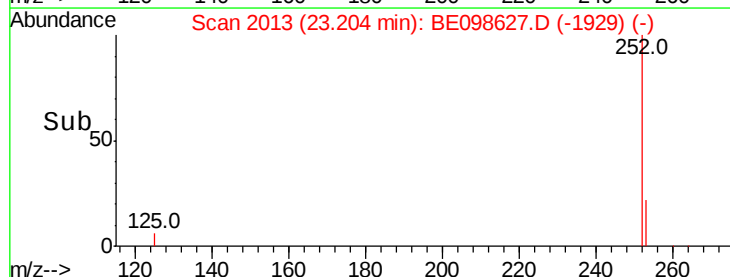
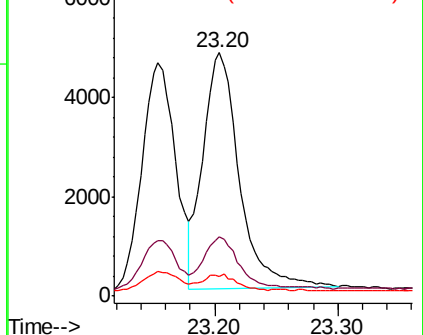
125 8.1 7.0 10.4

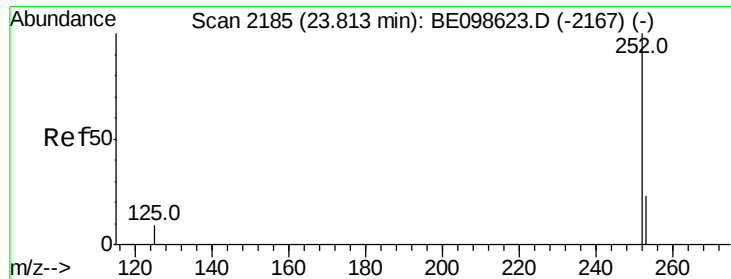


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.373 ng

RT: 23.81 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

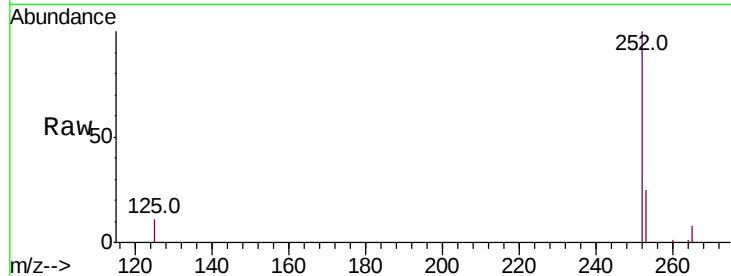
Tot Ion:252 Resp: 8692

Ion Ratio Lower Upper

252 100

253 24.9 21.0 31.4

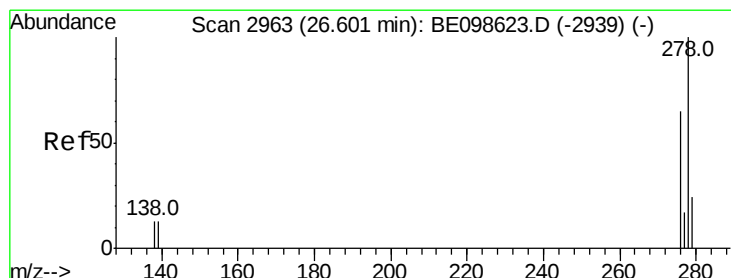
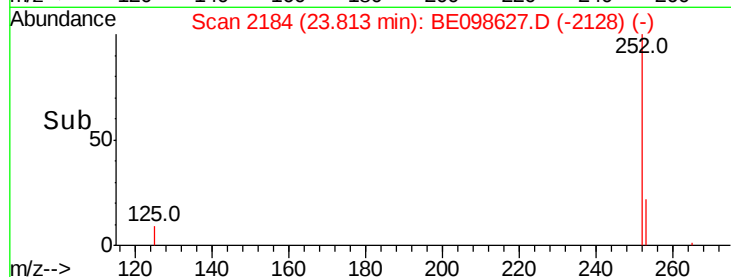
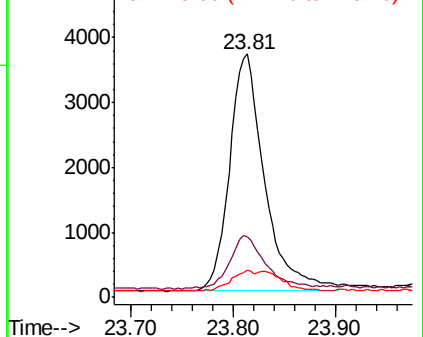
125 11.1 9.2 13.8



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: 0.407 ng

RT: 26.60 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

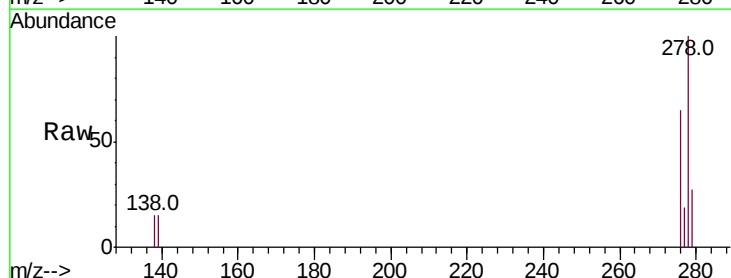
Tgt Ion:278 Resp: 8387

Ion Ratio Lower Upper

278 100

139 15.5 12.7 19.1

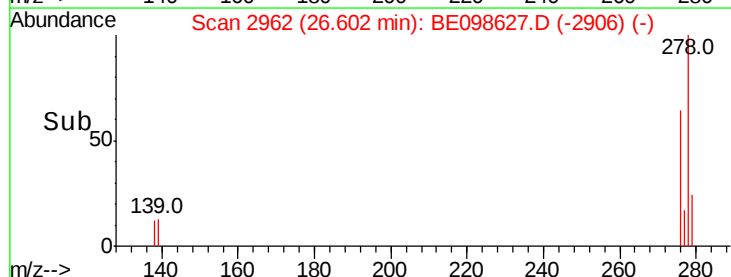
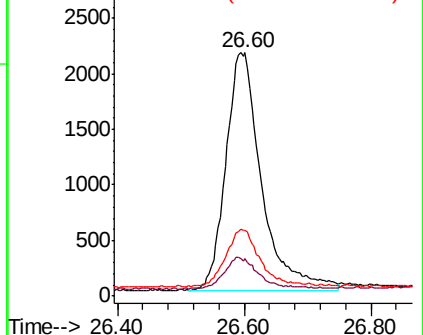
279 27.1 22.0 33.0

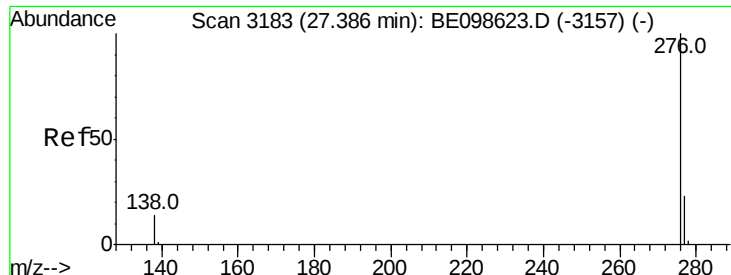


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.388 ng

RT: 27.38 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BE098627.D

Acq: 15 Jan 2019 14:34

Instrument :

BNA_E

ClientSampleId :

ICVBE011519

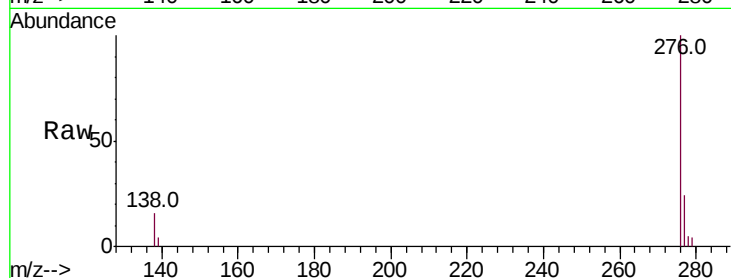
Tot Ion:276 Resp: 8765

Ion Ratio Lower Upper

276 100

277 24.0 20.3 30.5

138 15.9 13.3 19.9



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

