

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
 Data File : BE098672.D
 Acq On : 18 Jan 2019 19:29
 Operator : SJ/JU
 Sample : K1136-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 18 21:22:13 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	1047	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4249	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2414	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	4986	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6294	0.40	ng	0.00
34) Perylene-d12	23.92	264	6952	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	712	0.25	ng	0.01
5) Phenol-d6	7.00	99	982	0.25	ng	0.00
8) Nitrobenzene-d5	8.98	82	803	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2052	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	249	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2034	0.21	ng	0.01
25) Fluoranthene-d10	19.26	212	15677	0.25	ng	0.00
29) Terphenyl-d14	19.86	244	2762	0.20	ng	0.00

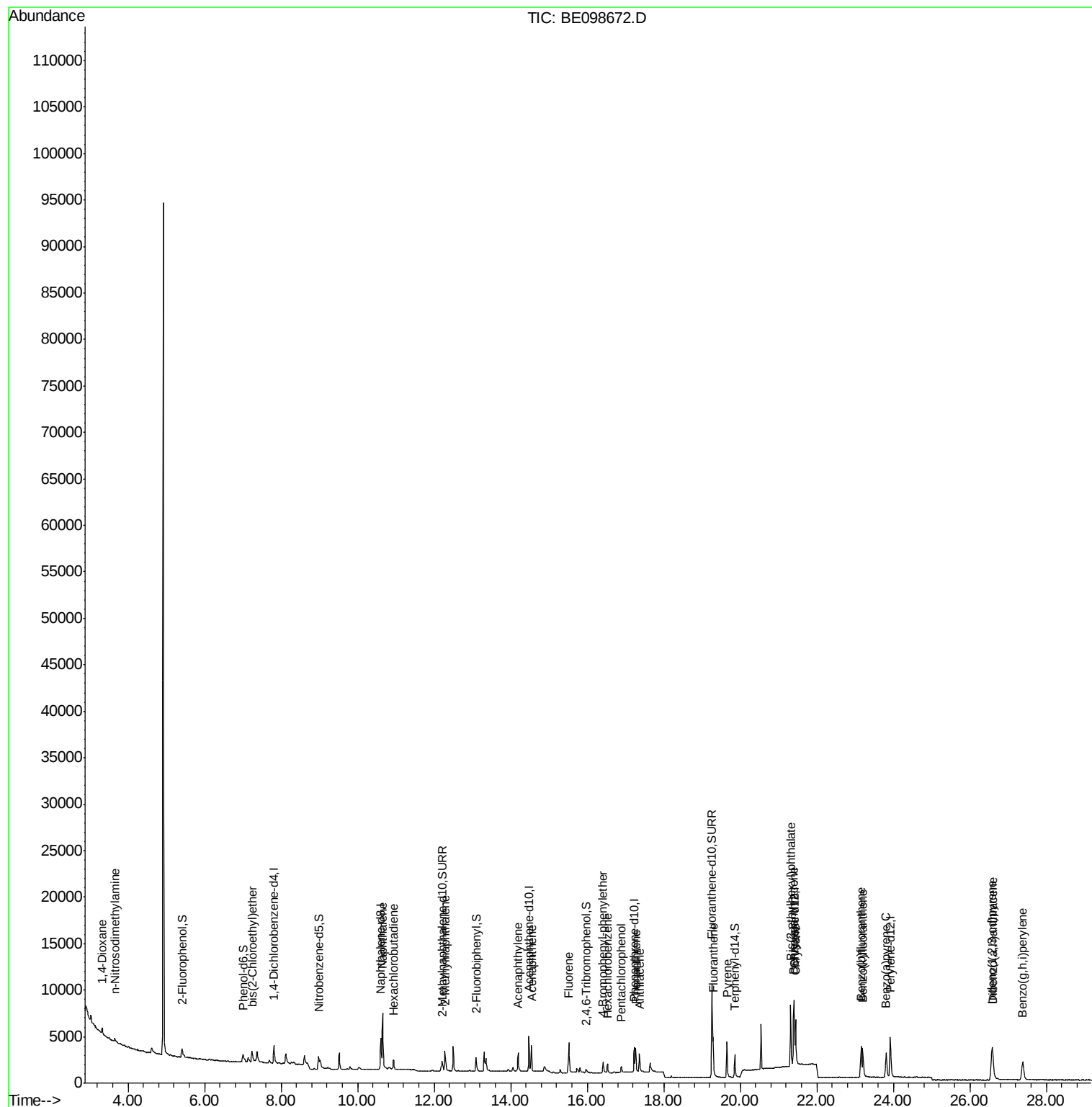
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	409	0.181	ng	# 51
3) n-Nitrosodimethylamine	3.65	42	487	0.346	ng	# 98
6) bis(2-Chloroethyl)ether	7.24	93	723	0.240	ng	98
9) Naphthalene	10.65	128	11461	0.271	ng	100
10) Hexachlorobutadiene	10.94	225	794	0.262	ng	98
12) 2-Methylnaphthalene	12.28	142	1754	0.250	ng	95
16) Acenaphthylene	14.20	152	2631	0.252	ng	99
17) Acenaphthene	14.54	154	1638	0.250	ng	99
18) Fluorene	15.51	166	2163	0.254	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	645	0.244	ng	85
21) Hexachlorobenzene	16.53	284	847	0.266	ng	98
22) Pentachlorophenol	16.89	266	489	0.574	ng	96
23) Phenanthrene	17.27	178	3183	0.269	ng	99
24) Anthracene	17.36	178	2577	0.255	ng	98
26) Fluoranthene	19.29	202	3922	0.258	ng	98
28) Pyrene	19.65	202	4050	0.234	ng	99
30) Benzo(a)anthracene	21.39	228	4631	0.274	ng	98
31) Chrysene	21.45	228	4589	0.262	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	7455	0.208	ng	100
33) Indeno(1,2,3-cd)pyrene	26.58	276	6064	0.335	ng	98
35) Benzo(b)fluoranthene	23.15	252	5059	0.267	ng	98
36) Benzo(k)fluoranthene	23.20	252	5472	0.264	ng	97
37) Benzo(a)pyrene	23.81	252	5141	0.276	ng	98
38) Dibenzo(a,h)anthracene	26.60	278	4975	0.302	ng	98
39) Benzo(g,h,i)perylene	27.38	276	5355	0.296	ng	99

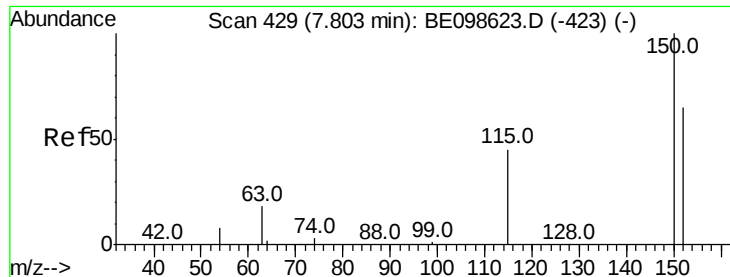
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
Data File : BE098672.D
Acq On : 18 Jan 2019 19:29
Operator : SJ/JU
Sample : K1136-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 18 21:22:13 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: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampled :

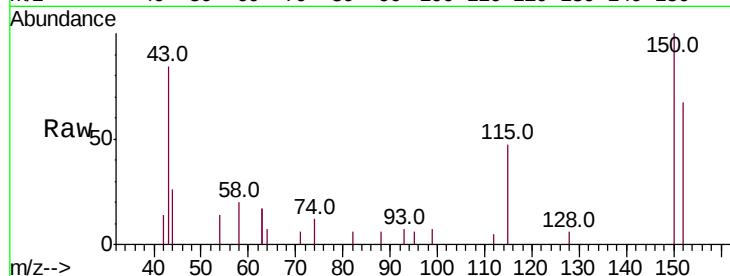
Tot Ion:152 Resp: 1047

Ion Ratio Lower Upper

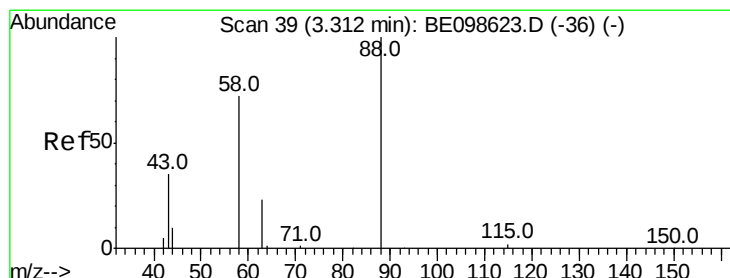
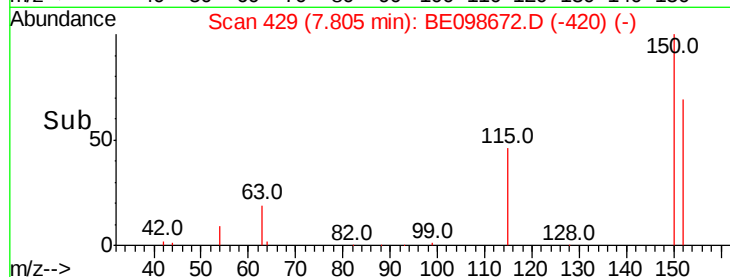
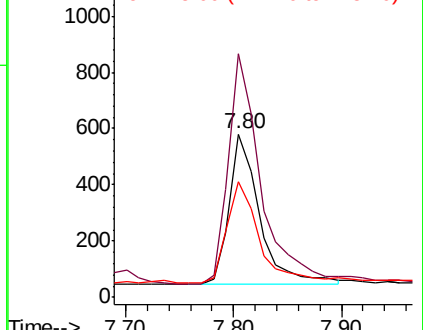
152 100

150 149.3 121.4 182.2

115 70.7 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: 0.181 ng

RT: 3.32 min Scan# 40

Delta R.T. 0.01 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

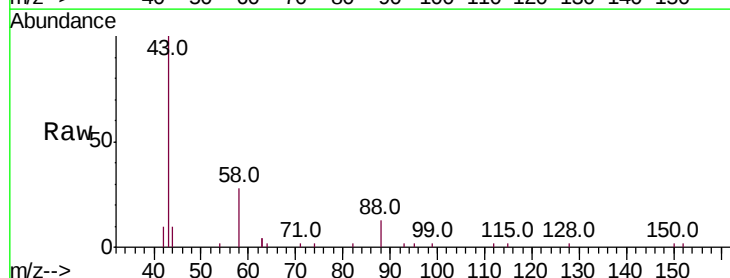
Tgt Ion: 88 Resp: 409

Ion Ratio Lower Upper

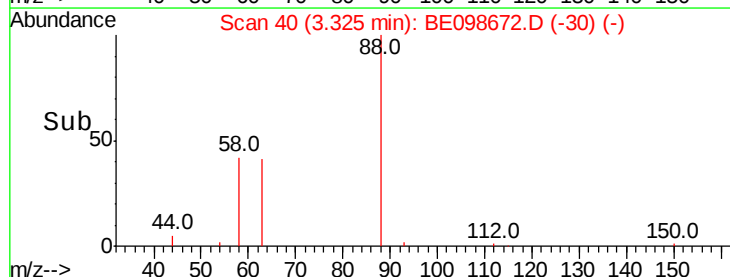
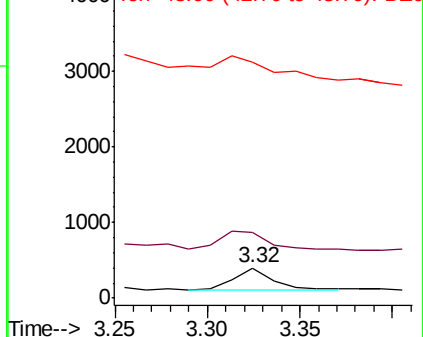
88 100

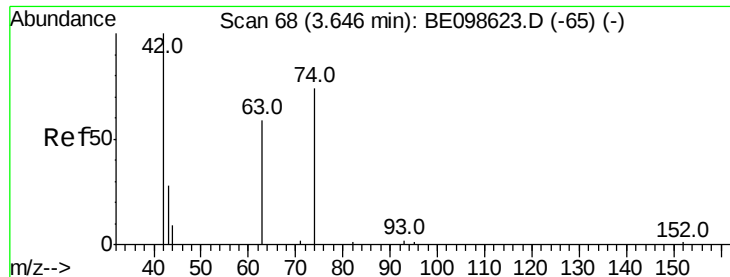
58 100.5 73.9 110.9

43 138.6 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



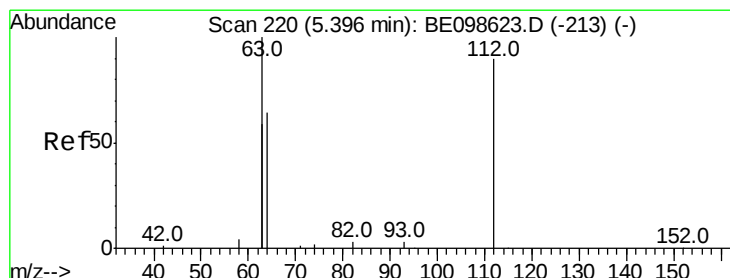
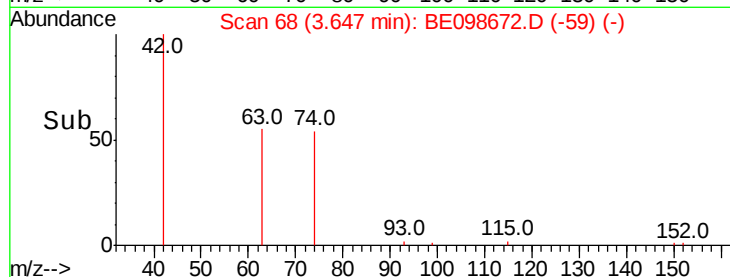
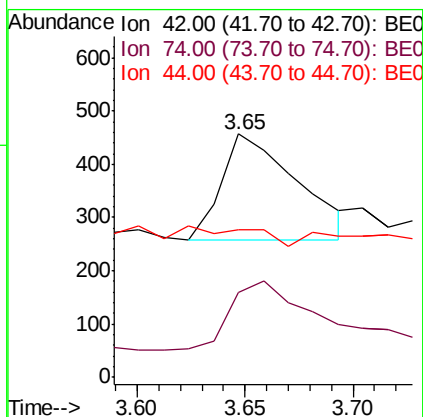
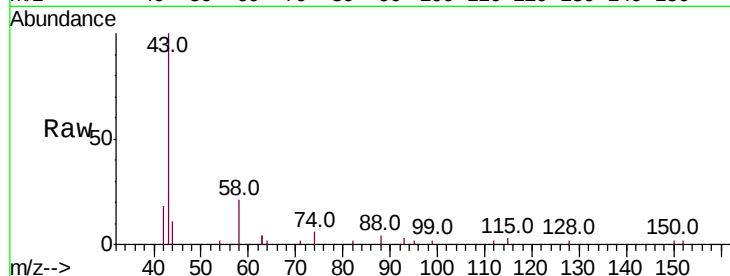


#3

n-Nitrosodimethylamine
 Concen: 0.346 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BE098672.D
 Acq: 18 Jan 2019 19:29

Instrument :
 BNA_E
 ClientSampleId :

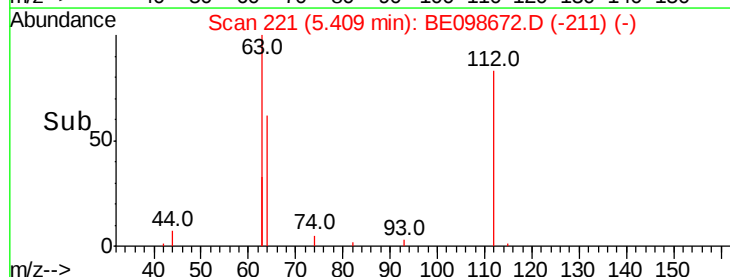
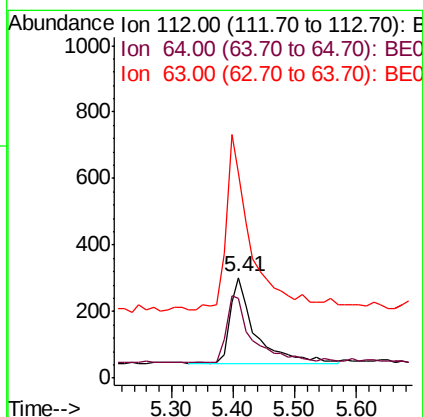
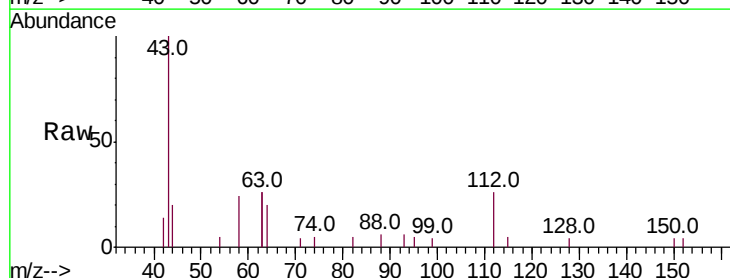
Tot Ion: 42 Resp: 487
 Ion Ratio Lower Upper
 42 100
 74 72.3 58.9 88.3
 44 0.0 0.0 0.0

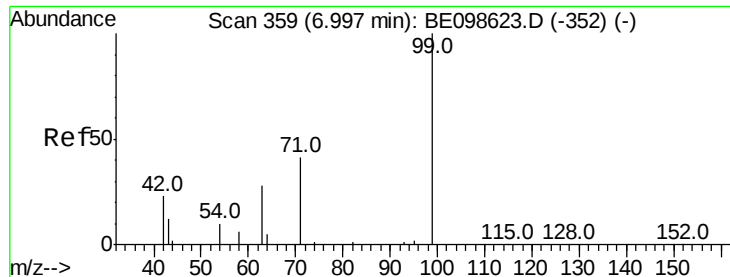


#4

2-Fluorophenol
 Concen: 0.255 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: BE098672.D
 Acq: 18 Jan 2019 19:29

Tgt Ion: 112 Resp: 712
 Ion Ratio Lower Upper
 112 100
 64 79.4 62.9 94.3
 63 204.4 152.2 228.4





#5

Phenol-d6

Concen: 0.247 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampleId :

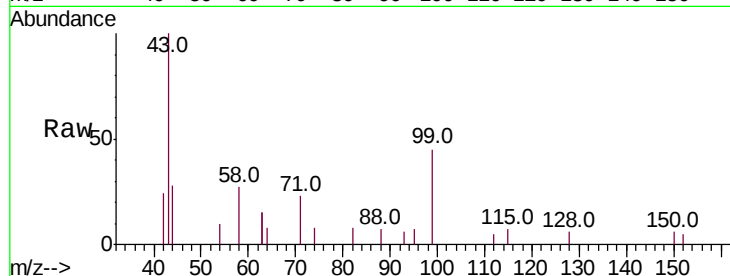
Tot Ion: 99 Resp: 982

Ion Ratio Lower Upper

99 100

42 39.0 24.6 37.0#

71 50.3 35.1 52.7

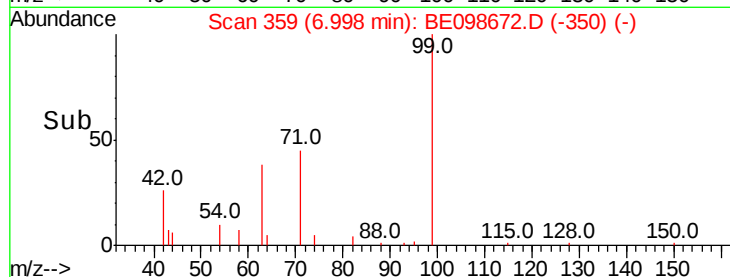


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time--> 6.80 6.90 7.00 7.10 7.20

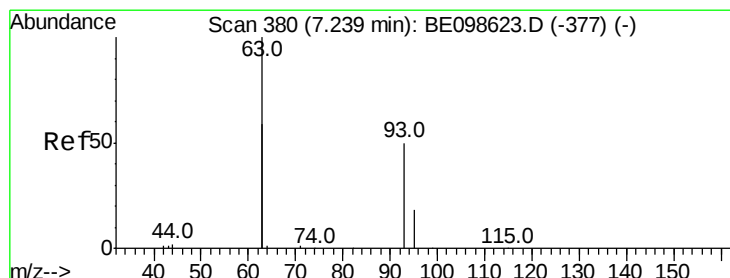


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time--> 6.80 6.90 7.00 7.10 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.240 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

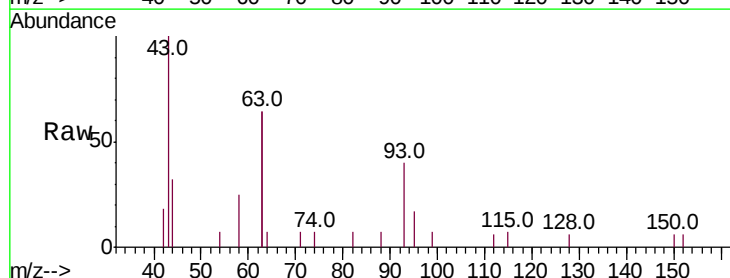
Tgt Ion: 93 Resp: 723

Ion Ratio Lower Upper

93 100

63 337.3 267.3 400.9

95 31.0 26.2 39.4

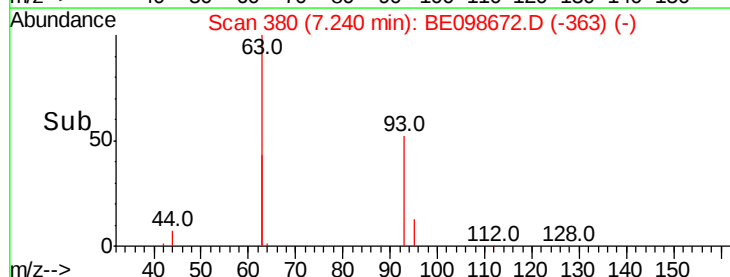


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time--> 7.20 7.30 7.40

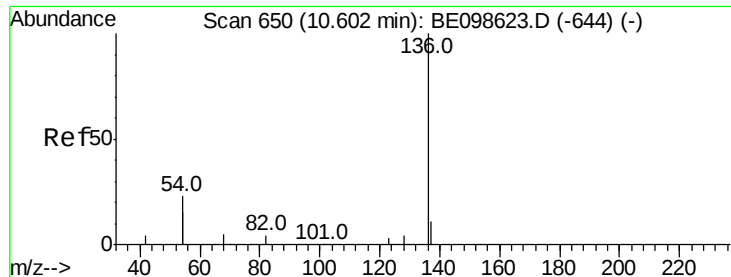


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time--> 7.20 7.30 7.40



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4249

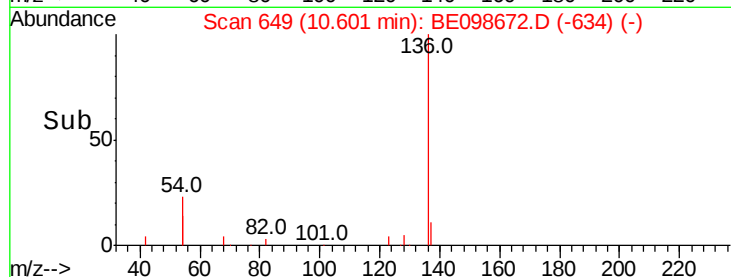
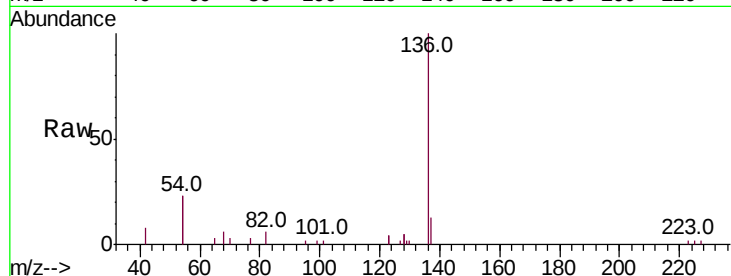
Ion Ratio Lower Upper

136 100

137 13.4 9.7 14.5

54 45.9 35.5 53.3

68 6.3 5.0 7.6

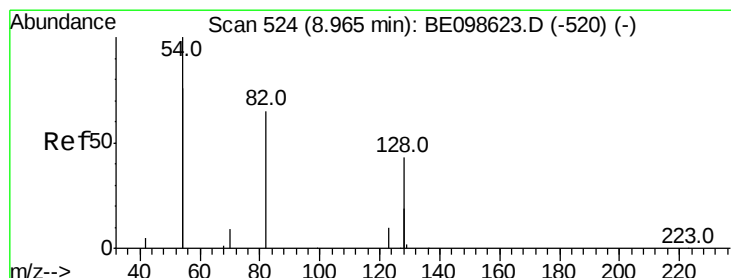
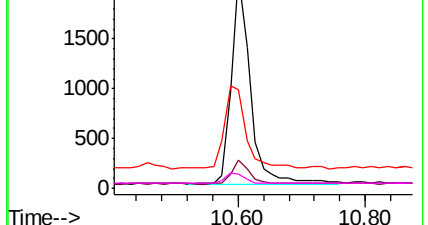


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.238 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

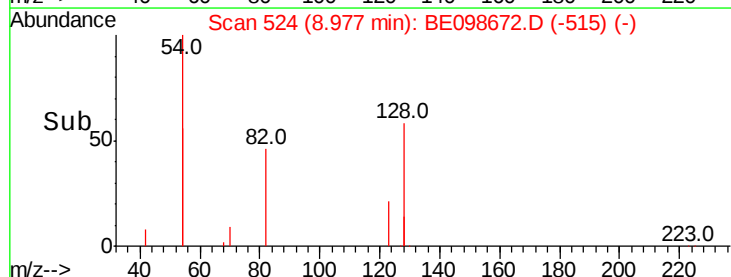
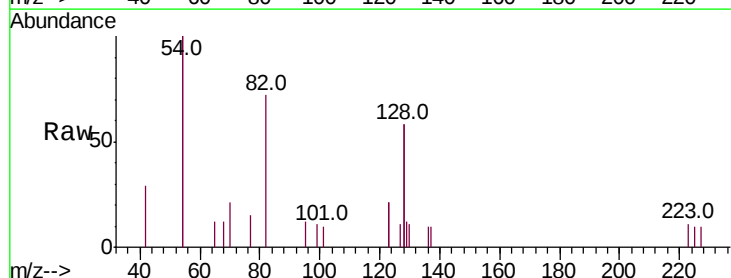
Tgt Ion: 82 Resp: 803

Ion Ratio Lower Upper

82 100

128 159.6 96.5 144.7#

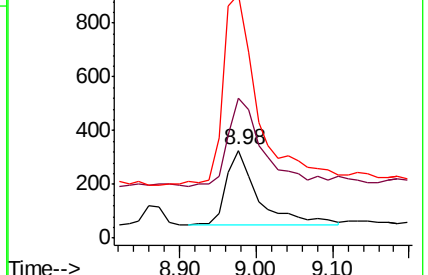
54 277.1 224.7 337.1

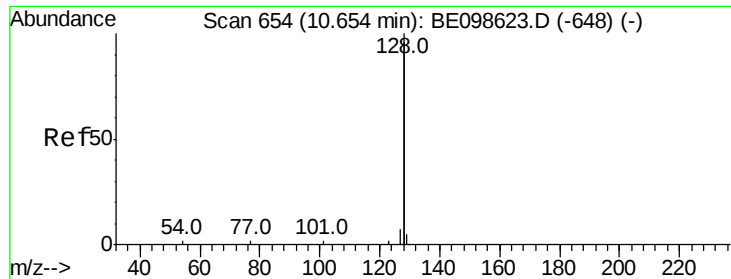


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.271 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampleId :

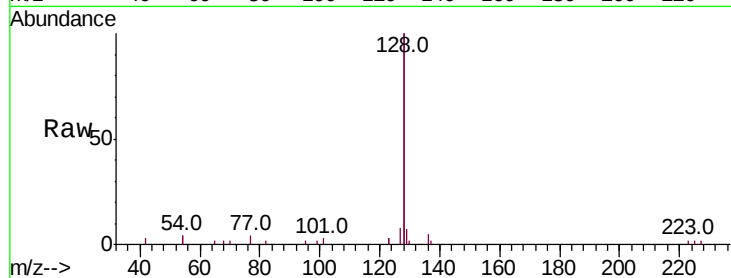
Tot Ion:128 Resp: 11461

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

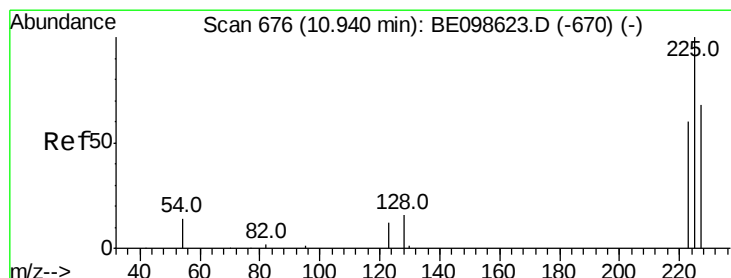
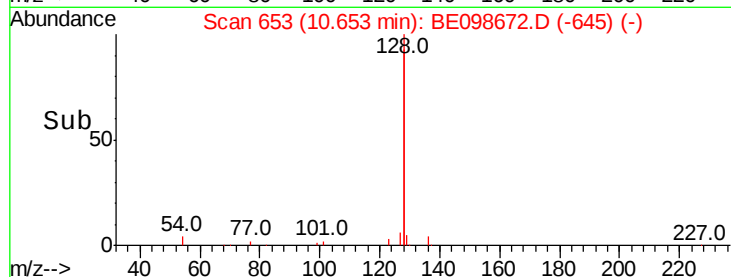
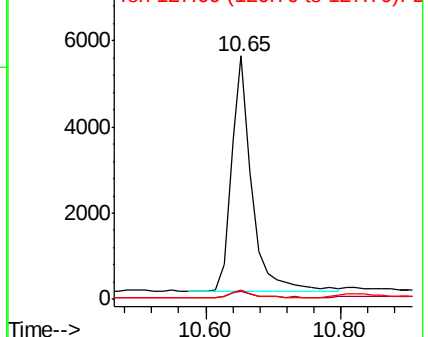
127 4.0 3.0 4.6



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: 0.262 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

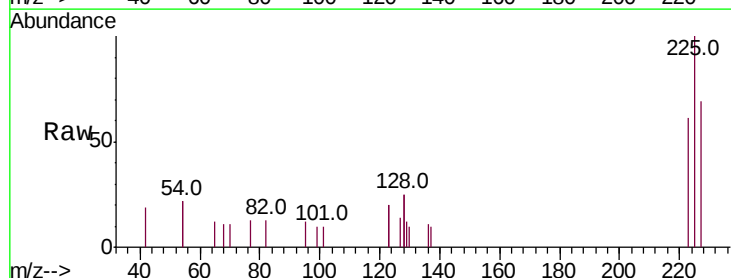
Tgt Ion:225 Resp: 794

Ion Ratio Lower Upper

225 100

223 61.2 47.8 71.8

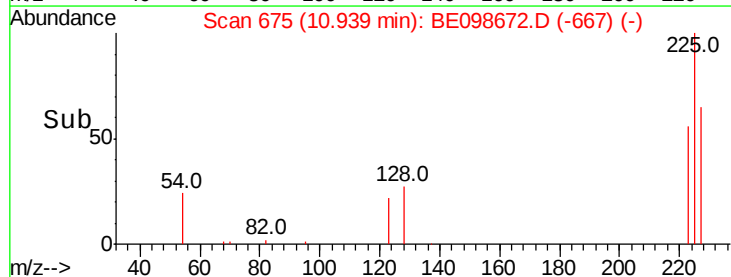
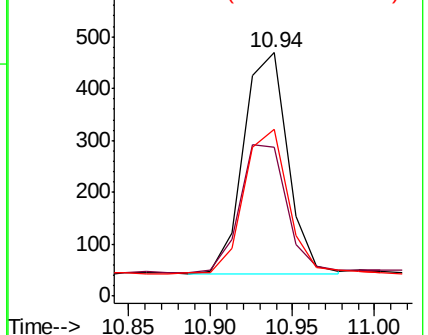
227 65.4 50.5 75.7

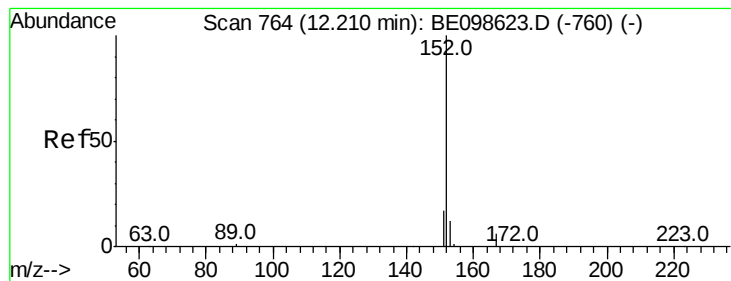


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

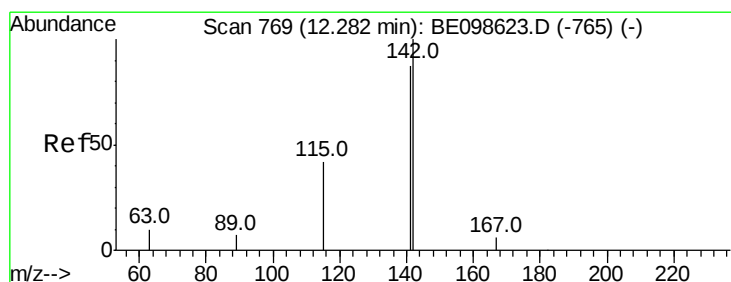
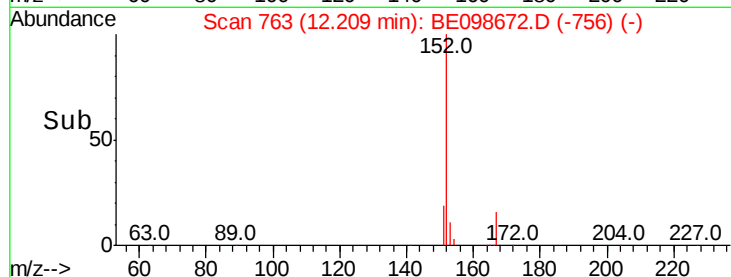
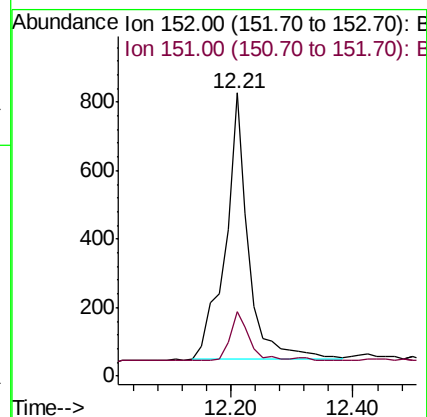
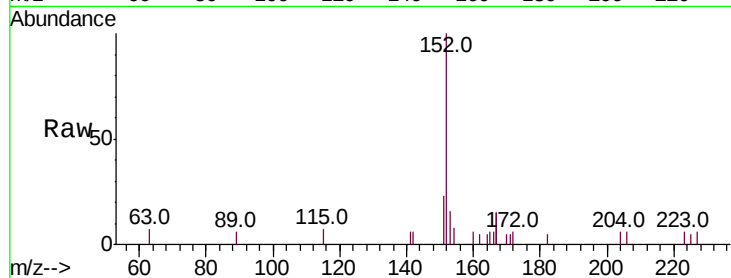
ClientSampleId :

Tot Ion:152 Resp: 2052

Ion Ratio Lower Upper

152 100

151 15.6 16.2 24.4#



#12

2-Methylnaphthalene

Concen: 0.250 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

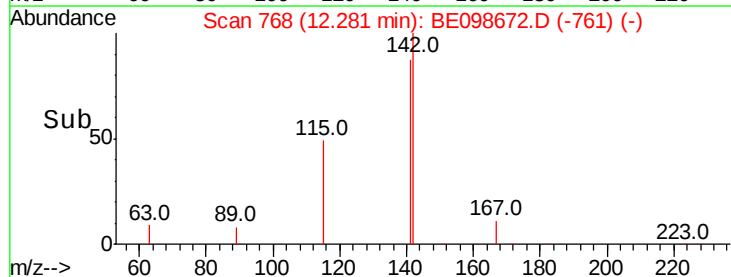
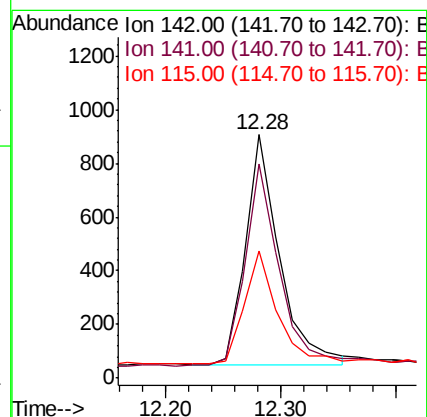
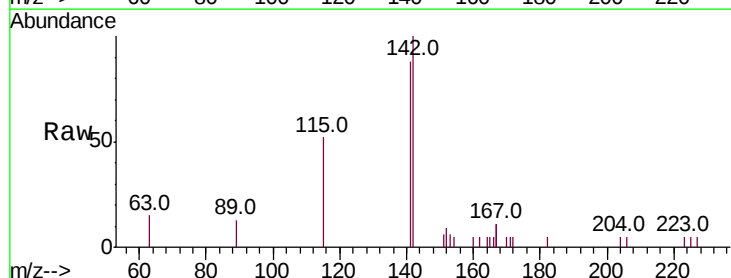
Tgt Ion:142 Resp: 1754

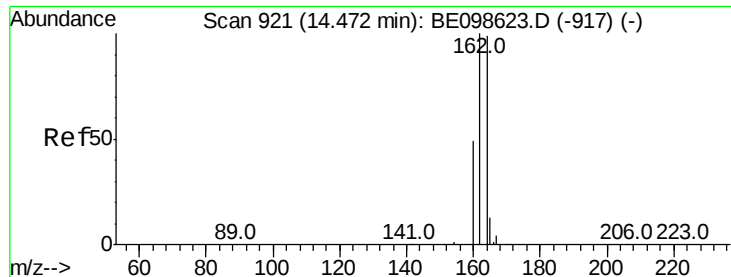
Ion Ratio Lower Upper

142 100

141 87.8 70.0 105.0

115 52.4 35.2 52.8

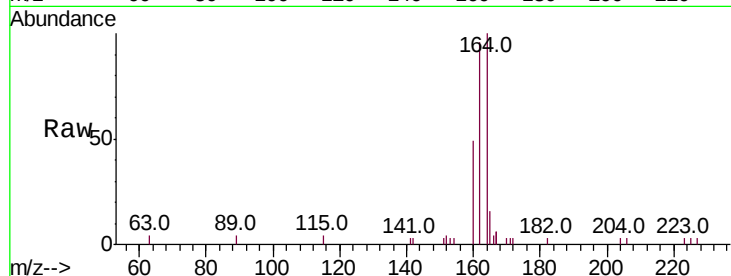




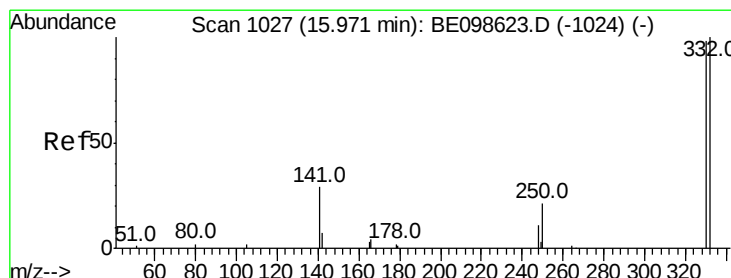
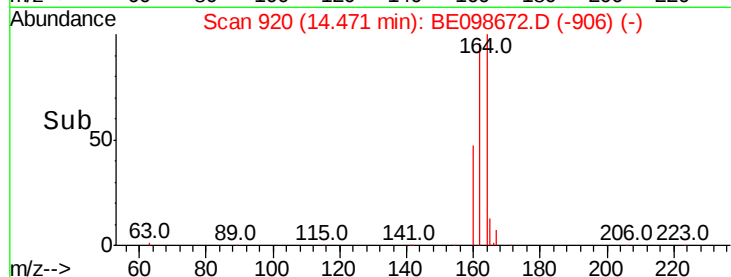
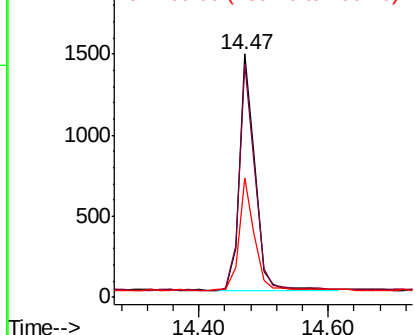
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2414
Ion Ratio Lower Upper
164 100
162 95.8 80.5 120.7
160 48.9 40.1 60.1

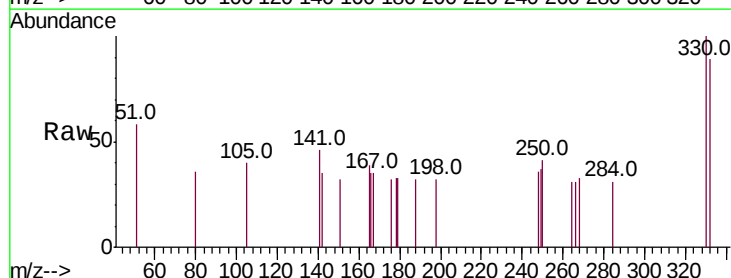


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

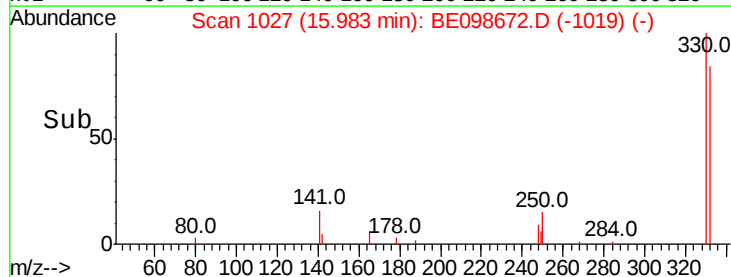
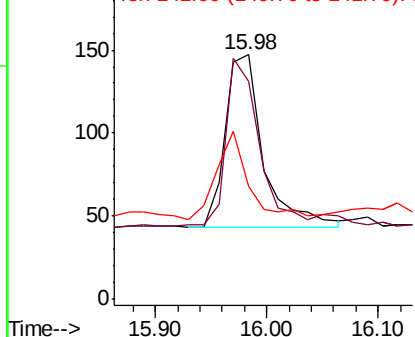


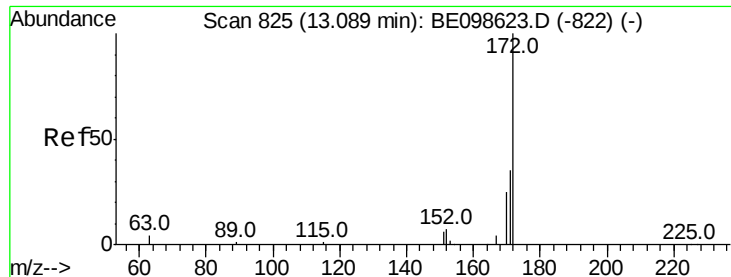
#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:330 Resp: 249
Ion Ratio Lower Upper
330 100
332 89.2 73.3 109.9
141 42.6 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

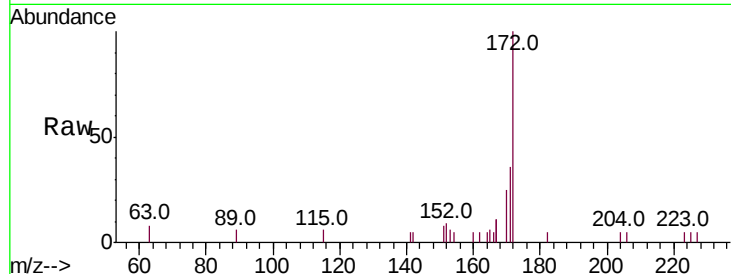




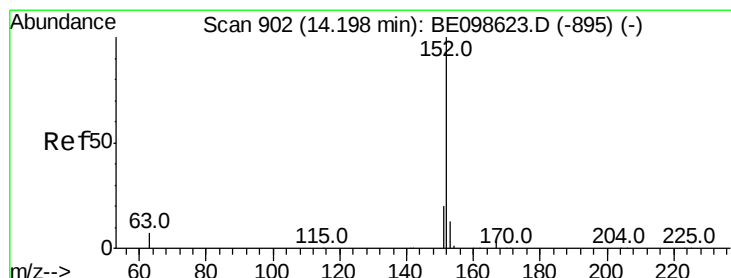
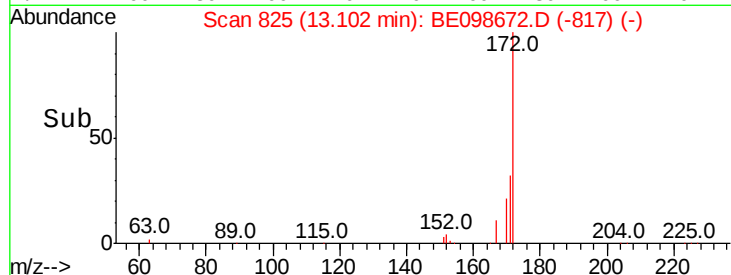
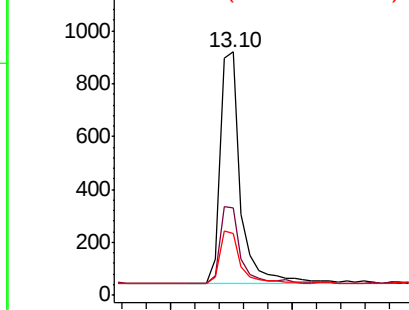
#15
2-Fluorobiphenyl
Concen: 0.206 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2034
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 25.4 20.8 31.2

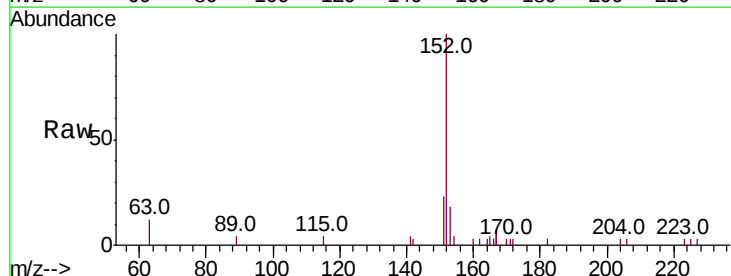


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

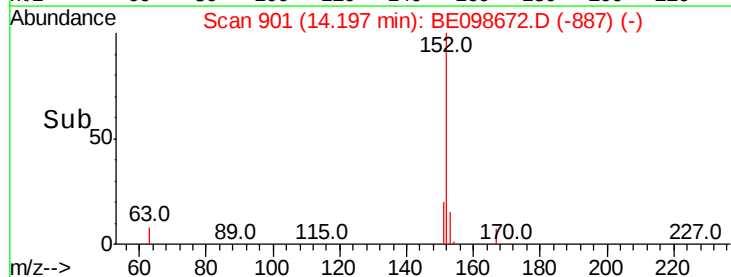
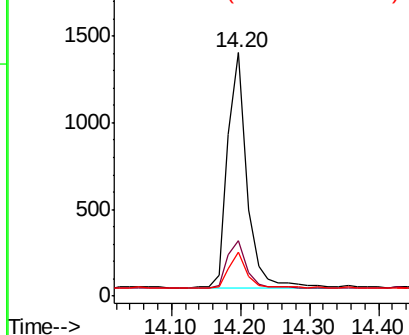


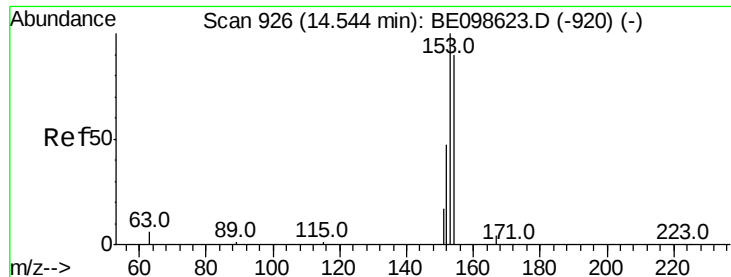
#16
Acenaphthylene
Concen: 0.252 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:152 Resp: 2631
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.3 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

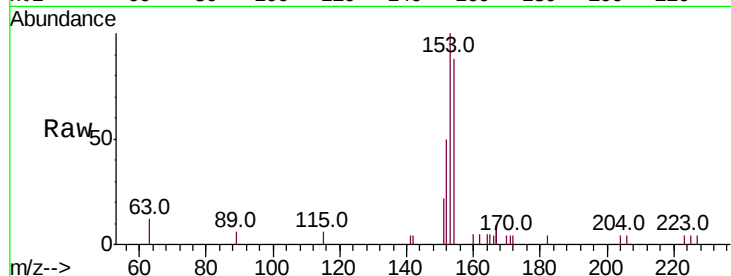




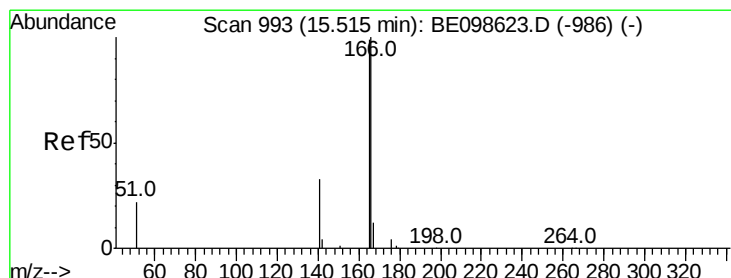
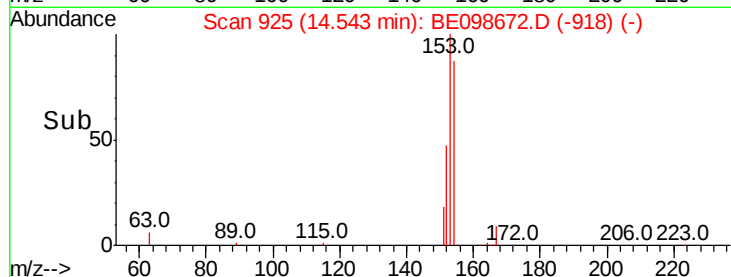
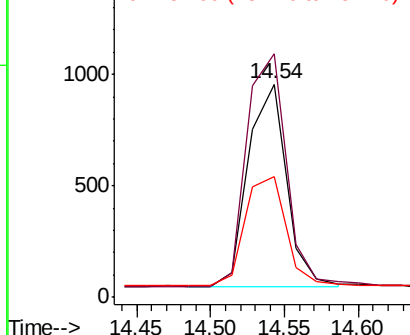
#17
Acenaphthene
Concen: 0.250 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 1638
Ion Ratio Lower Upper
154 100
153 119.1 93.9 140.9
152 57.3 45.8 68.8

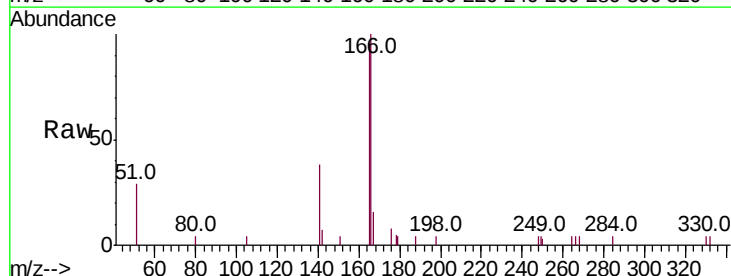


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

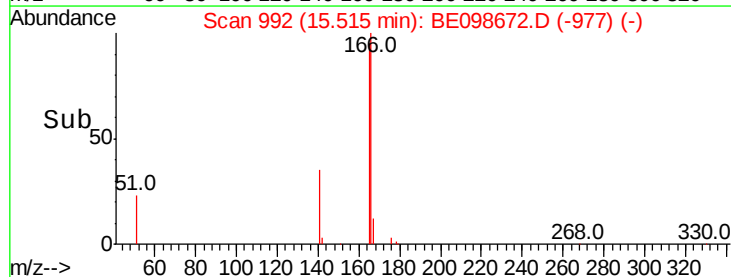
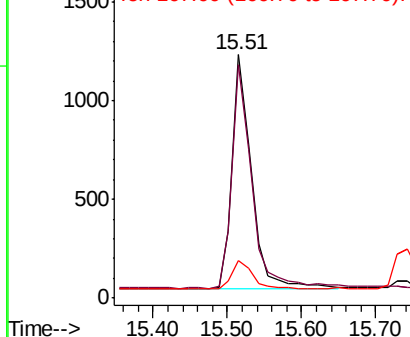


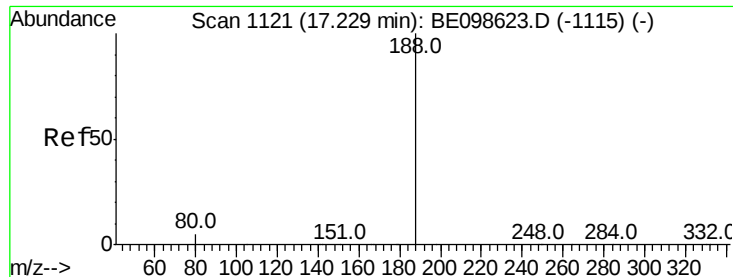
#18
Fluorene
Concen: 0.254 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098672.D
Acq: 18 Jan 2019 19:29

Tgt Ion:166 Resp: 2163
Ion Ratio Lower Upper
166 100
165 98.8 79.3 118.9
167 13.7 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: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampleId :

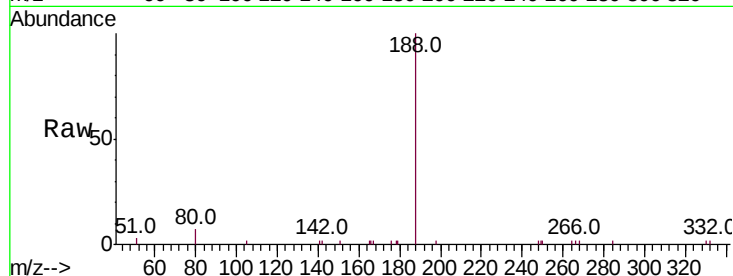
Tot Ion:188 Resp: 4986

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

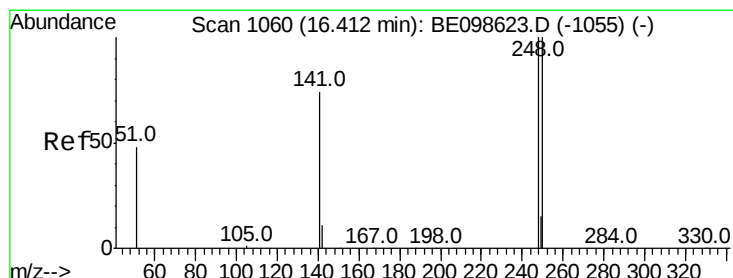
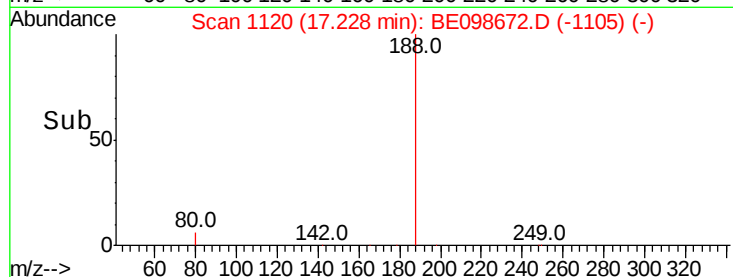
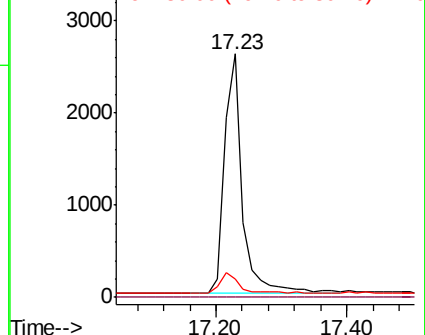
80 7.4 4.7 7.1#



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: 0.244 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

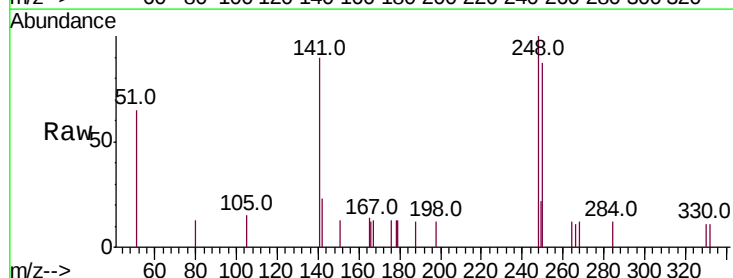
Tgt Ion:248 Resp: 645

Ion Ratio Lower Upper

248 100

250 87.1 80.2 120.4

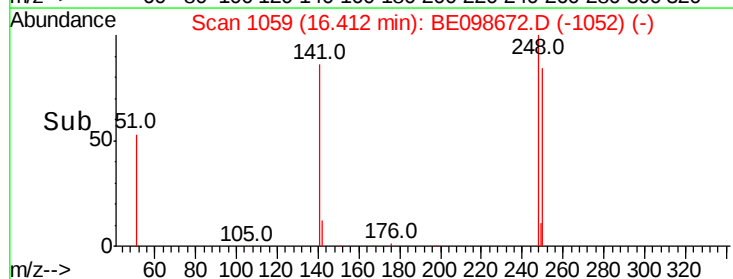
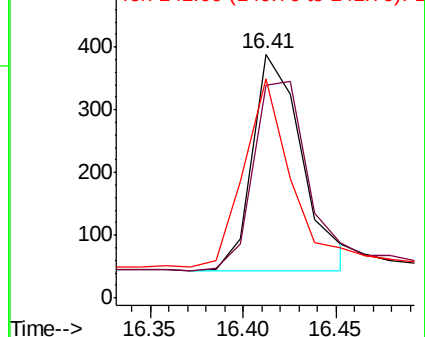
141 90.2 60.5 90.7

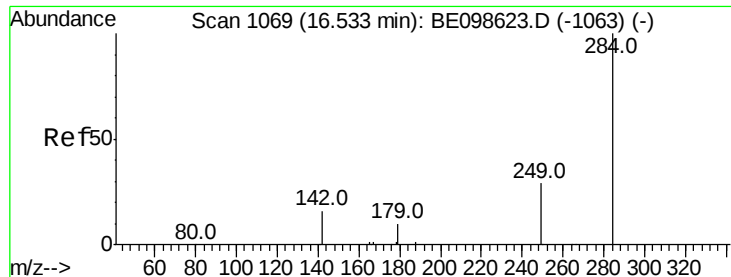


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.266 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampleId :

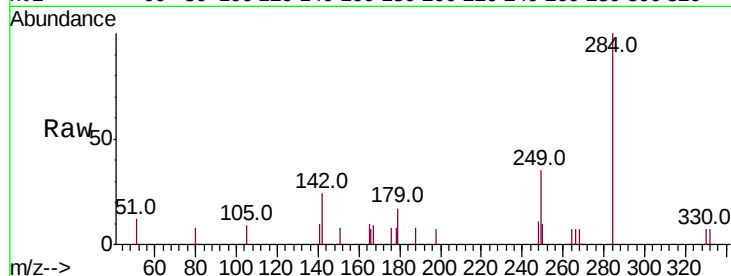
Tot Ion:284 Resp: 847

Ion Ratio Lower Upper

284 100

142 33.2 25.5 38.3

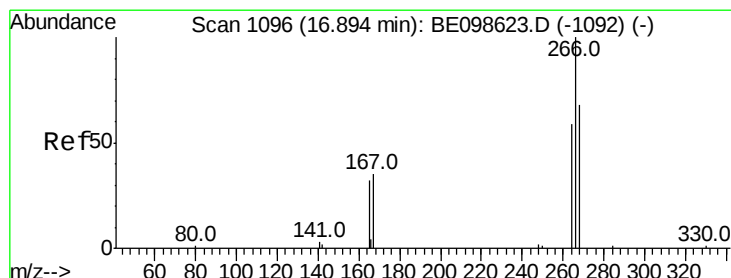
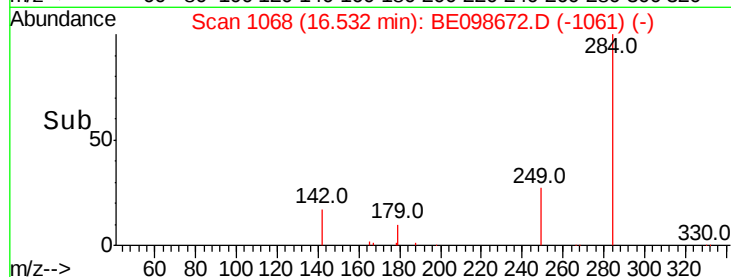
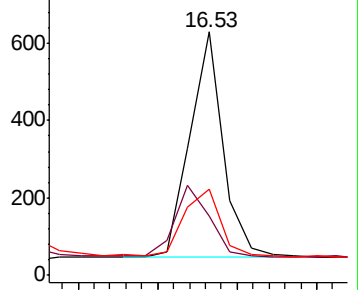
249 32.6 26.6 39.8



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: 0.574 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

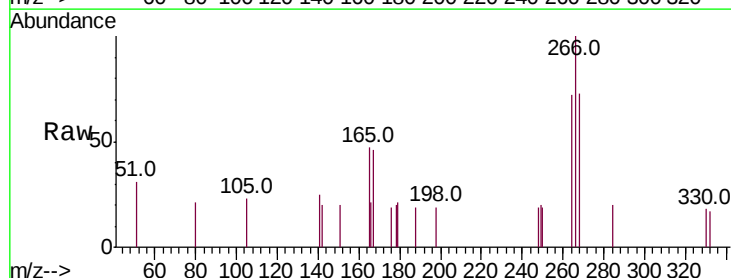
Tgt Ion:266 Resp: 489

Ion Ratio Lower Upper

266 100

264 71.8 53.7 80.5

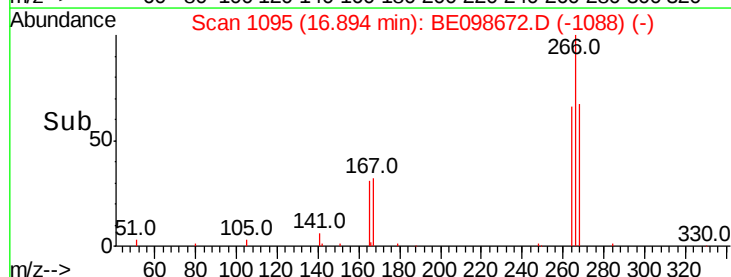
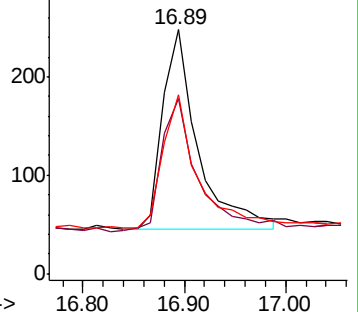
268 73.4 59.8 89.8

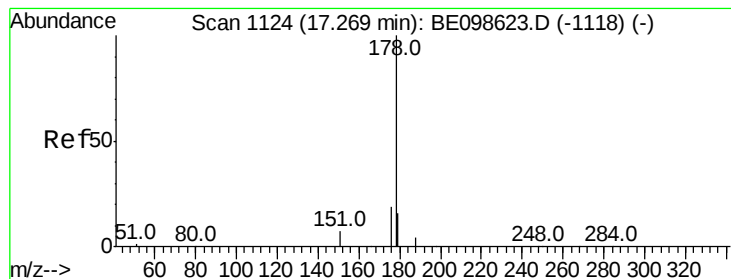


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.269 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampled :

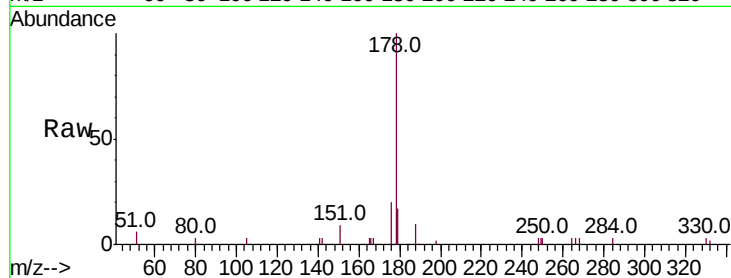
Tot Ion:178 Resp: 3183

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

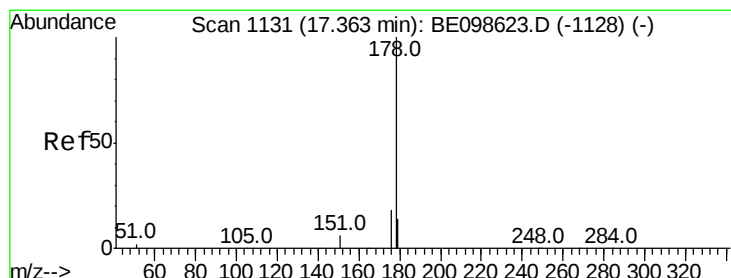
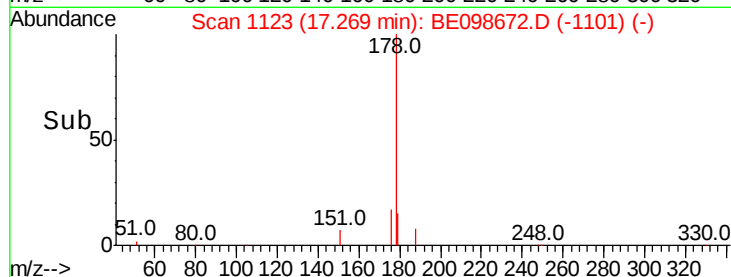
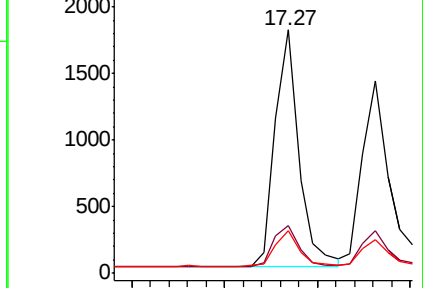
179 15.3 12.2 18.4



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: 0.255 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

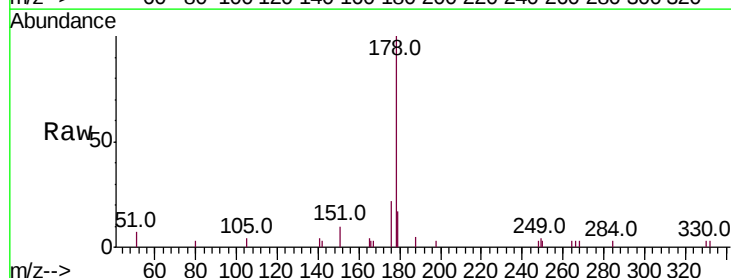
Tgt Ion:178 Resp: 2577

Ion Ratio Lower Upper

178 100

176 19.6 14.9 22.3

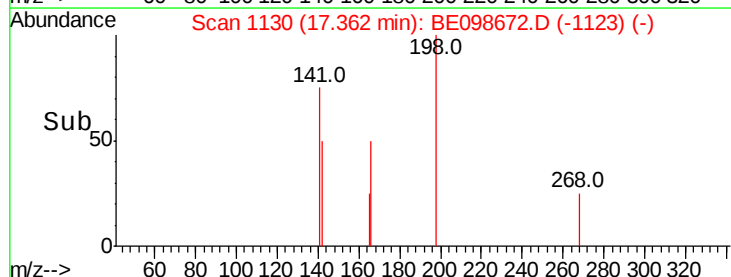
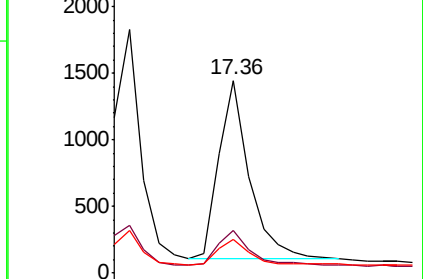
179 14.5 11.8 17.8

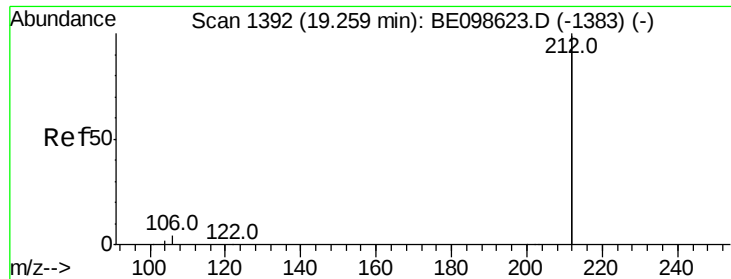


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.254 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampleId :

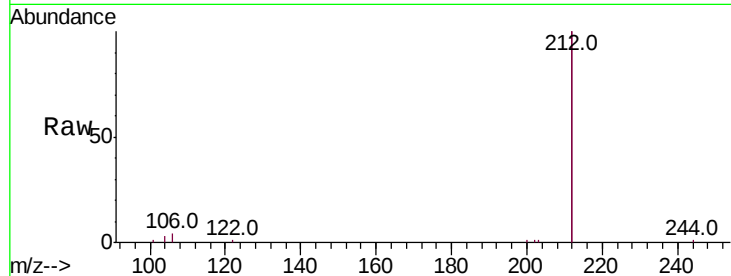
Tot Ion:212 Resp: 15677

Ion Ratio Lower Upper

212 100

106 1.9 1.7 2.5

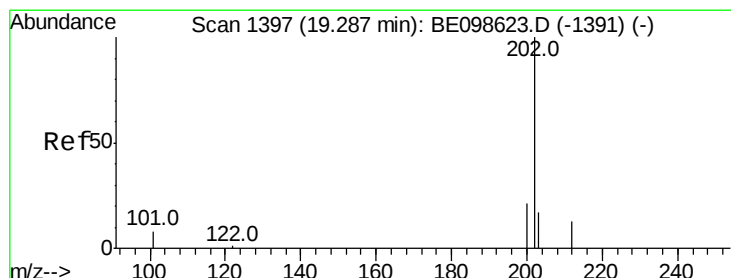
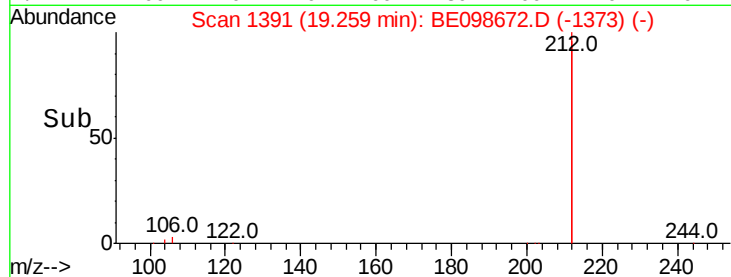
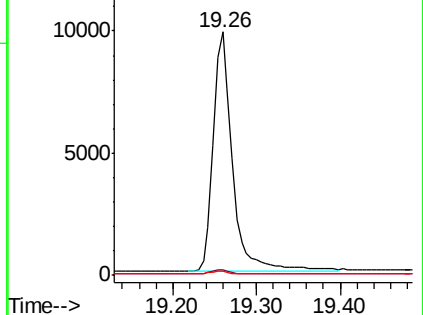
104 1.1 1.0 1.6



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: 0.258 ng

RT: 19.29 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

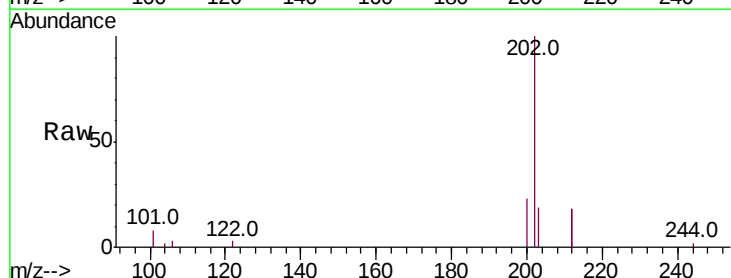
Tgt Ion:202 Resp: 3922

Ion Ratio Lower Upper

202 100

101 7.1 6.7 10.1

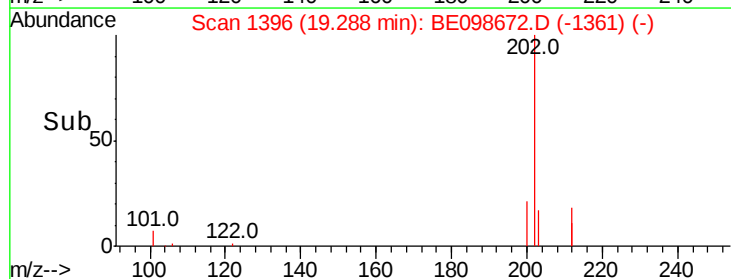
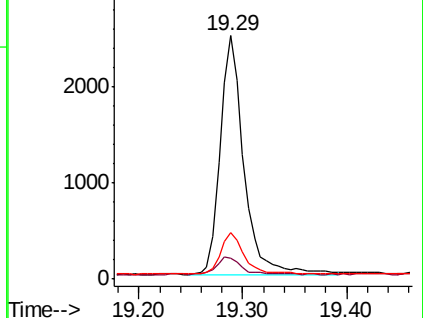
203 17.2 13.3 19.9

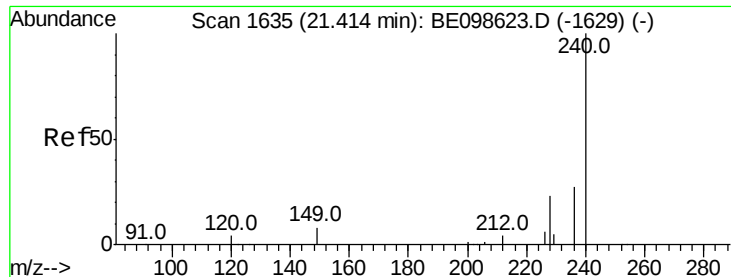


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampled :

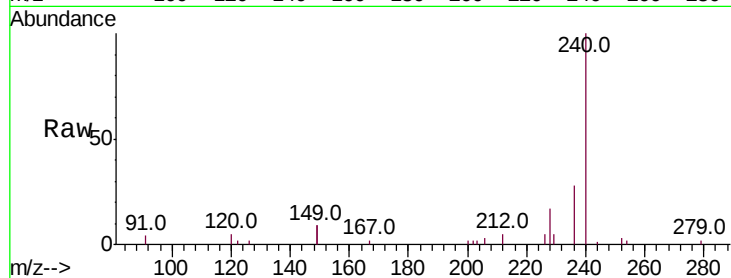
Tot Ion:240 Resp: 6294

Ion Ratio Lower Upper

240 100

120 5.3 4.7 7.1

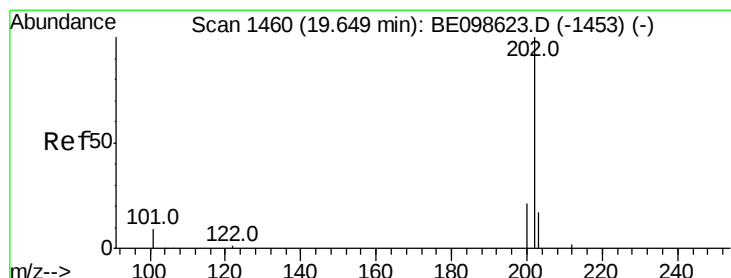
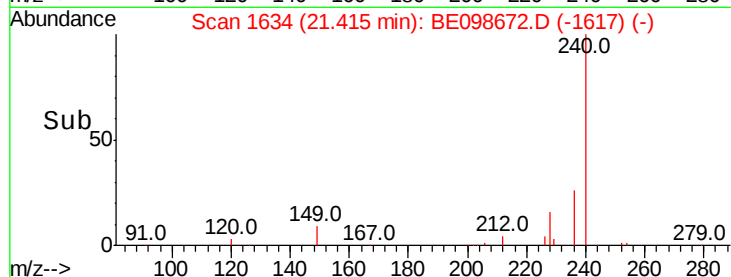
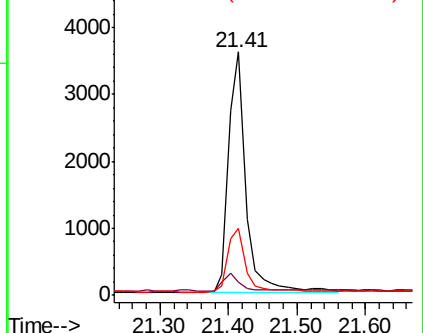
236 27.5 21.9 32.9



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: 0.234 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

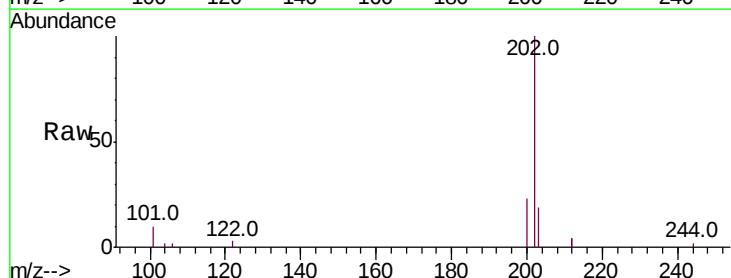
Tgt Ion:202 Resp: 4050

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

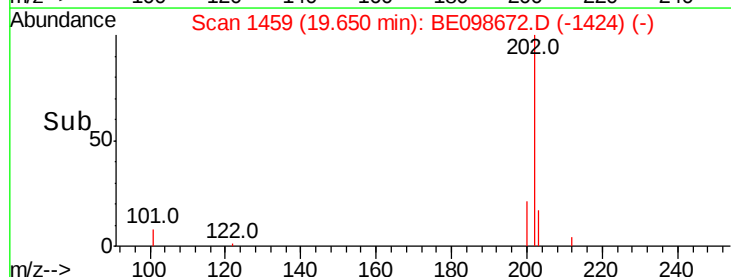
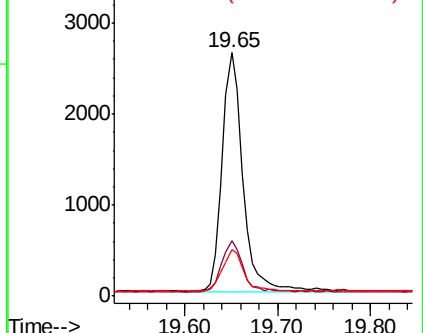
203 17.8 13.8 20.8

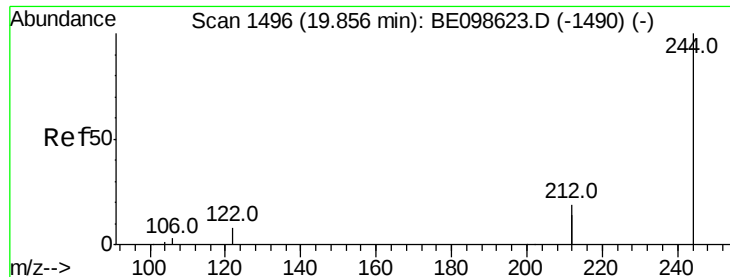


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.198 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampleId :

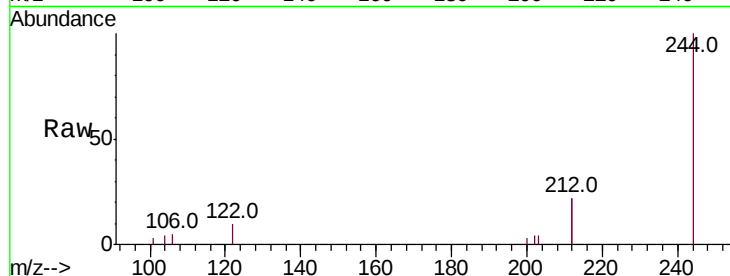
Tot Ion:244 Resp: 2762

Ion Ratio Lower Upper

244 100

212 43.4 29.4 44.2

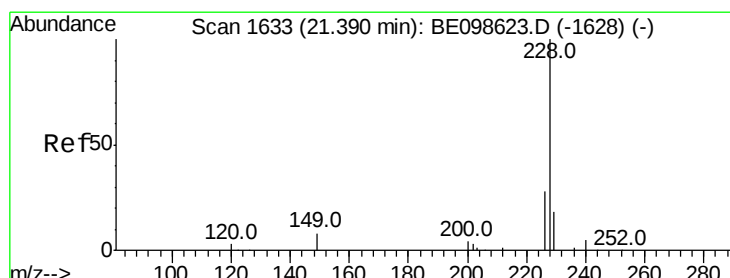
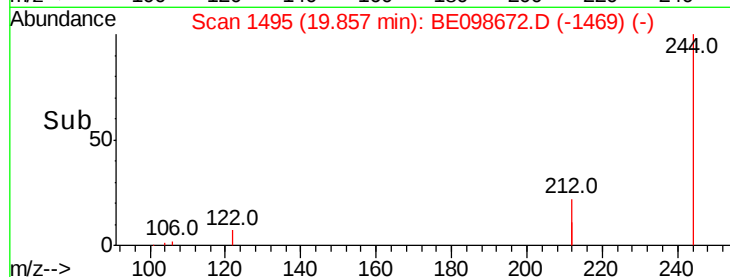
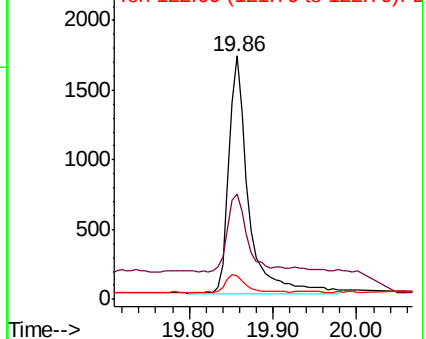
122 9.7 7.1 10.7



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: 0.274 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

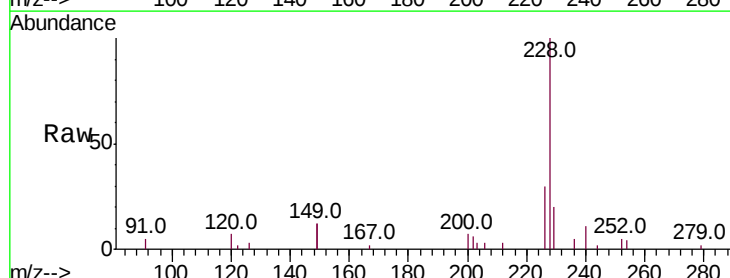
Tgt Ion:228 Resp: 4631

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.4

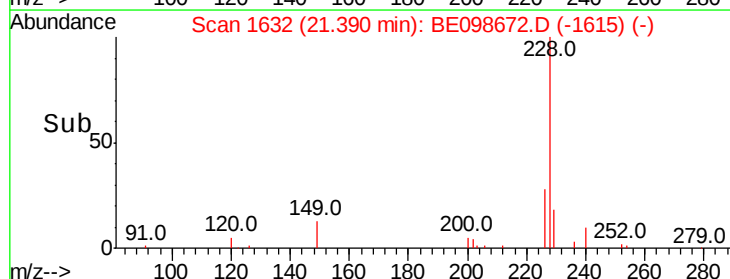
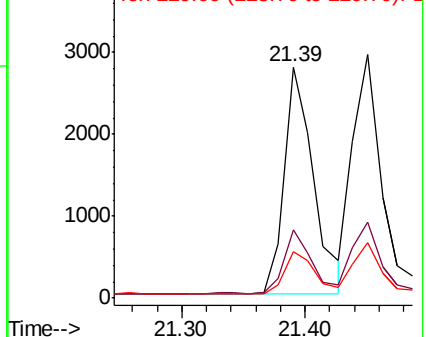
229 20.0 15.0 22.6

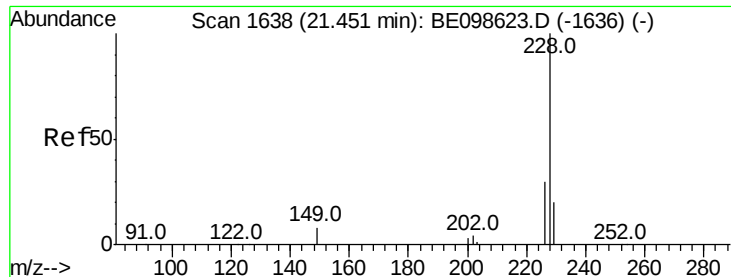


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.262 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

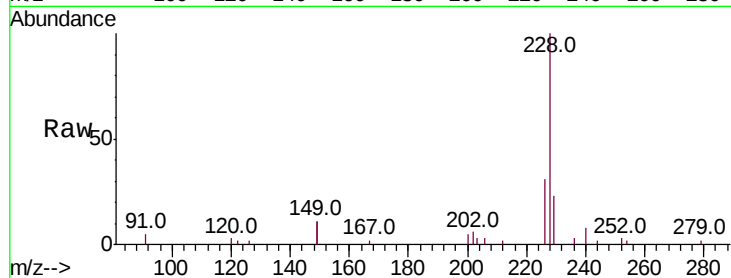
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 4589

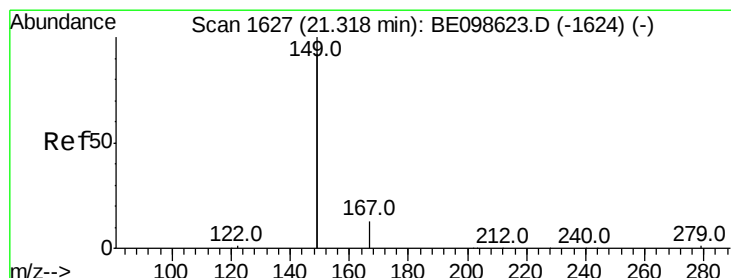
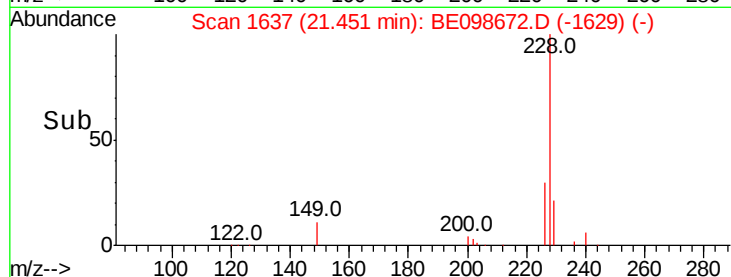
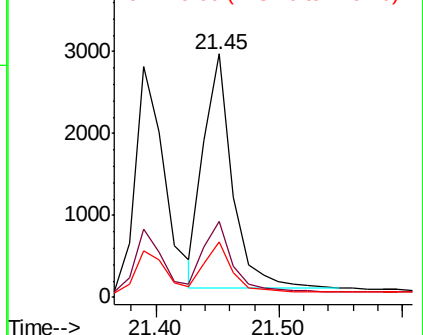
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	36.8
229	22.5	16.4	24.6



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: 0.208 ng

RT: 21.32 min Scan# 1626

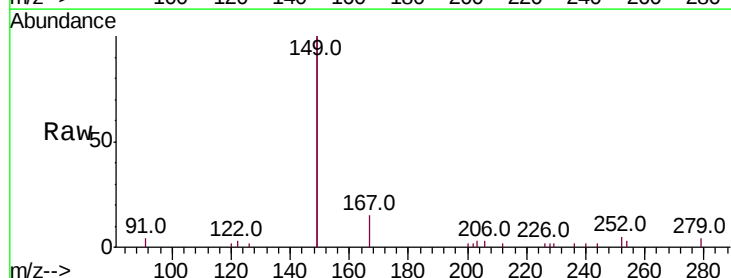
Delta R.T. 0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Tgt Ion:149 Resp: 7455

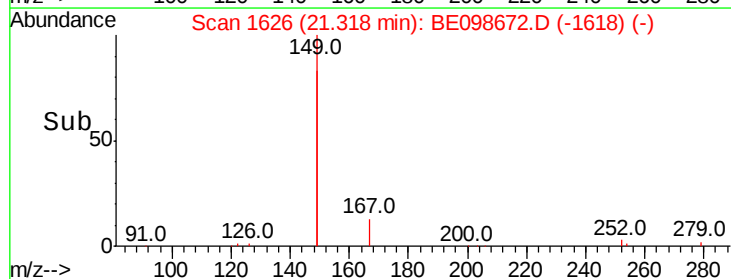
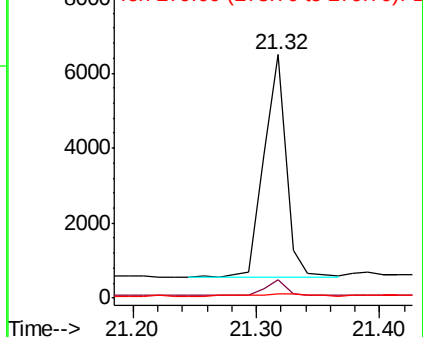
Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.2
279	1.2	1.0	1.4

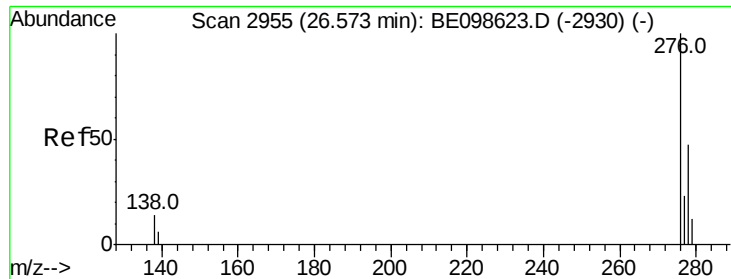


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.335 ng

RT: 26.58 min Scan# 2955

Delta R.T. 0.00 min

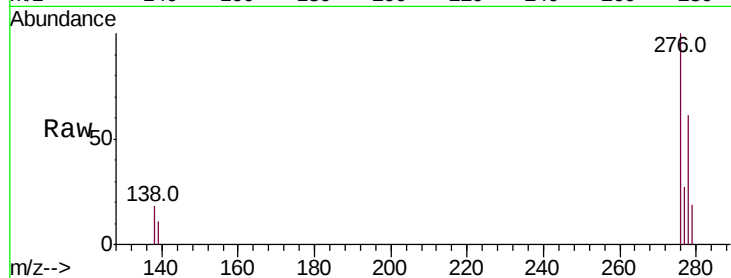
Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampleId :



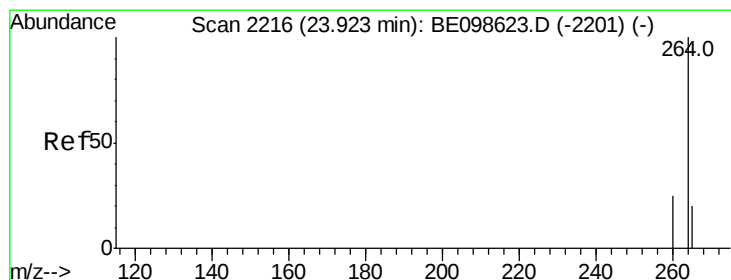
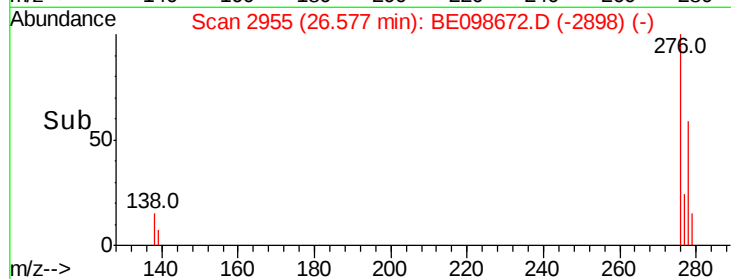
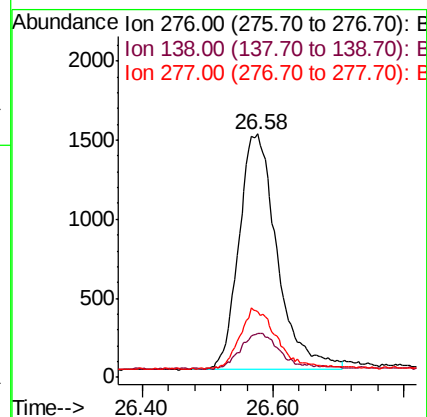
Tot Ion:276 Resp: 6064

Ion Ratio Lower Upper

276 100

138 15.0 13.3 19.9

277 24.0 19.4 29.0



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

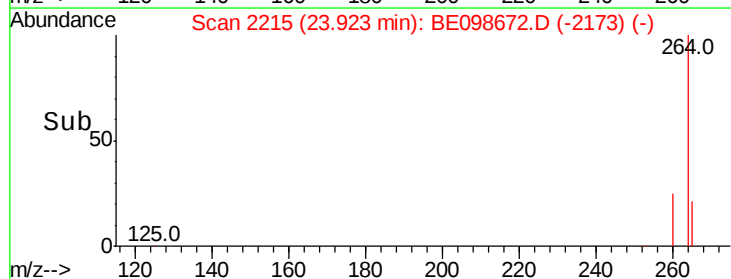
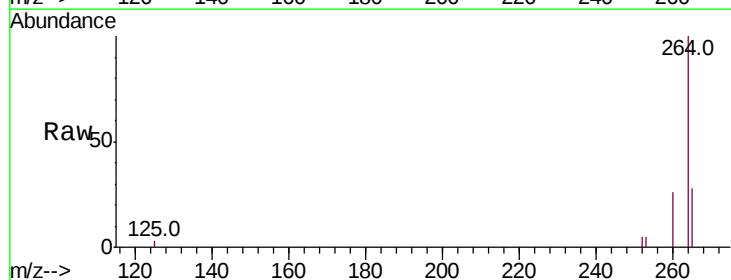
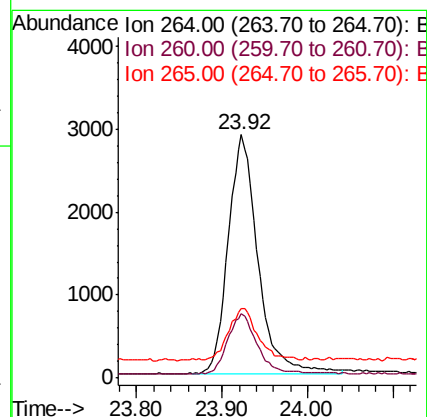
Tgt Ion:264 Resp: 6952

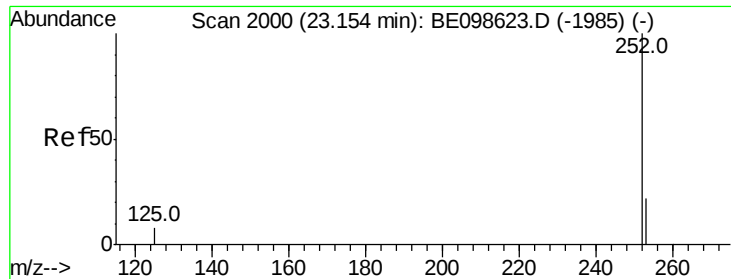
Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

265 28.5 22.3 33.5





#35

Benzo(b)fluoranthene

Concen: 0.267 ng

RT: 23.15 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampleId :

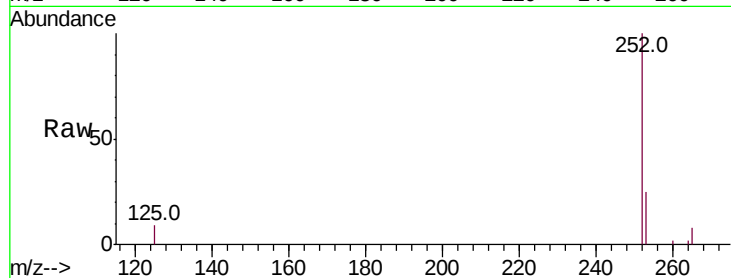
Tot Ion:252 Resp: 5059

Ion Ratio Lower Upper

252 100

253 25.3 19.4 29.0

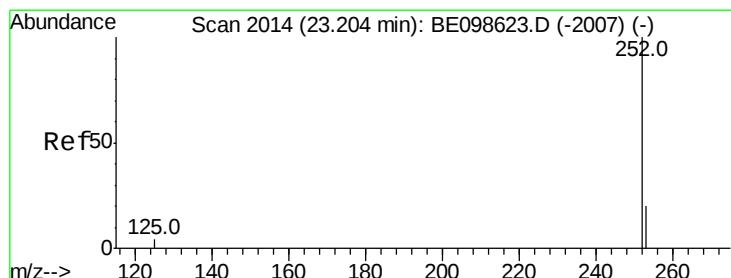
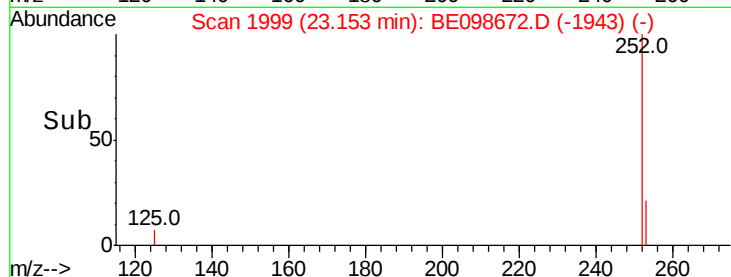
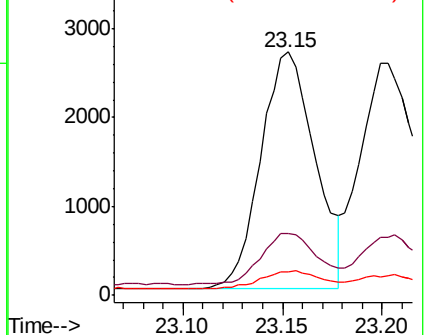
125 9.5 8.2 12.4



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: 0.264 ng

RT: 23.20 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

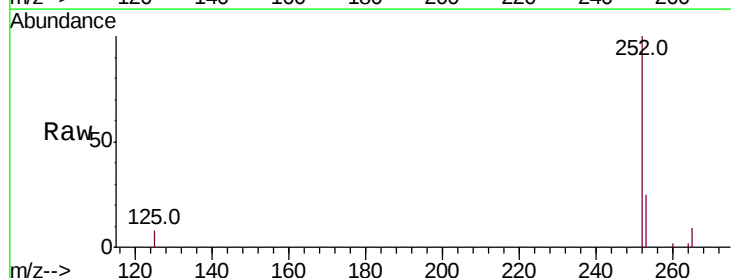
Tgt Ion:252 Resp: 5472

Ion Ratio Lower Upper

252 100

253 25.1 19.0 28.4

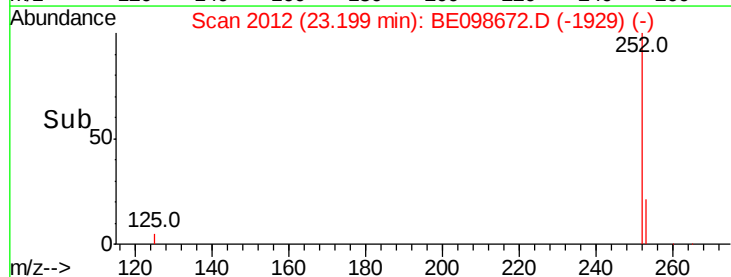
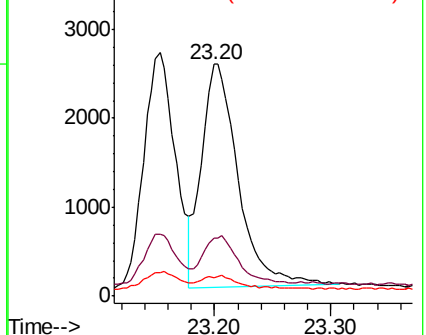
125 8.2 7.0 10.4

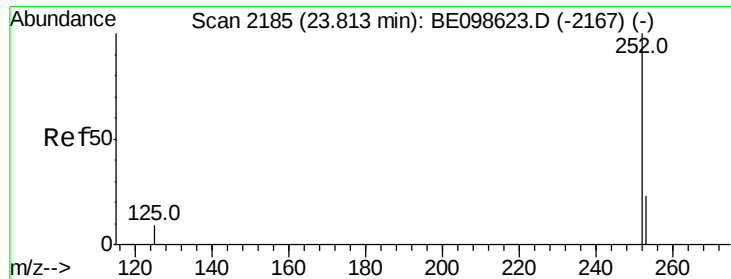


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.276 ng

RT: 23.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampled :

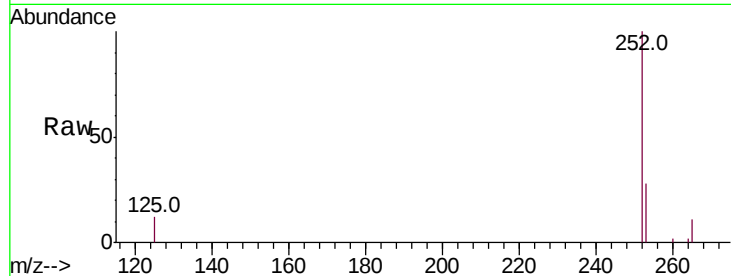
Tot Ion:252 Resp: 5141

Ion Ratio Lower Upper

252 100

253 27.7 21.0 31.4

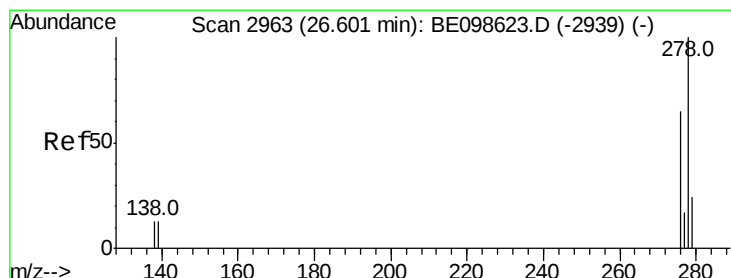
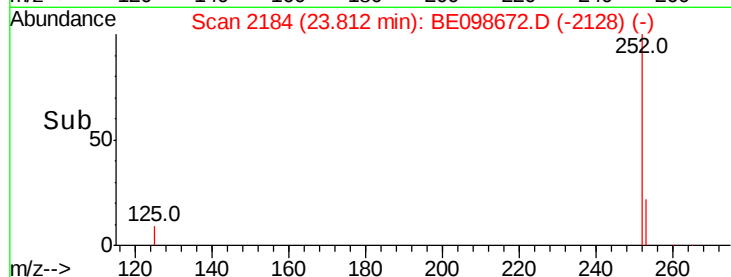
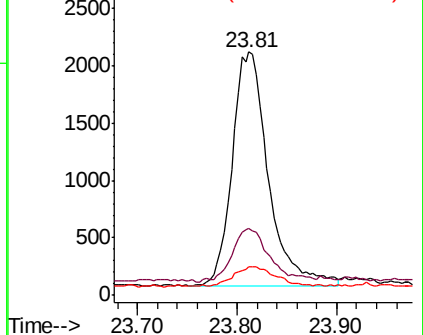
125 11.6 9.2 13.8



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: 0.302 ng

RT: 26.60 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

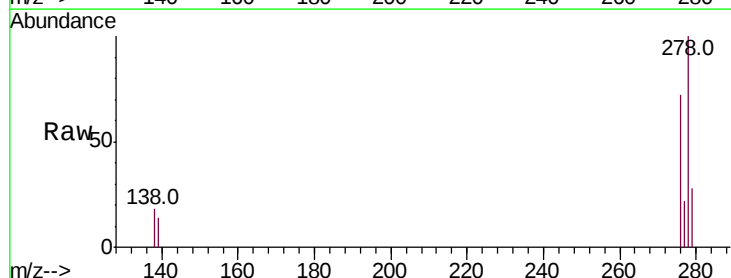
Tgt Ion:278 Resp: 4975

Ion Ratio Lower Upper

278 100

139 14.5 12.7 19.1

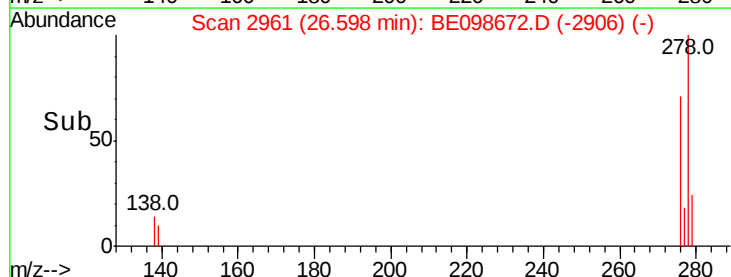
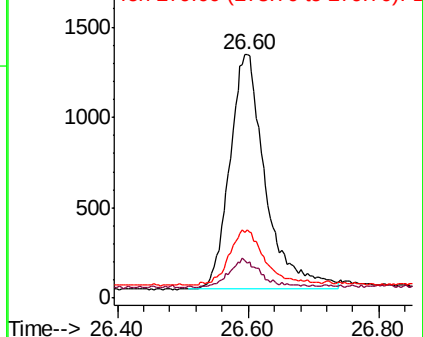
279 28.1 22.0 33.0

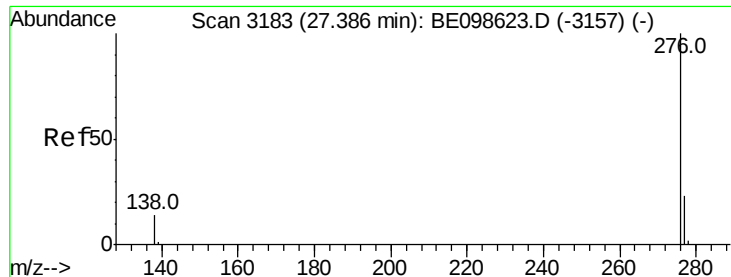


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.296 ng

RT: 27.38 min Scan# 3181

Delta R.T. -0.00 min

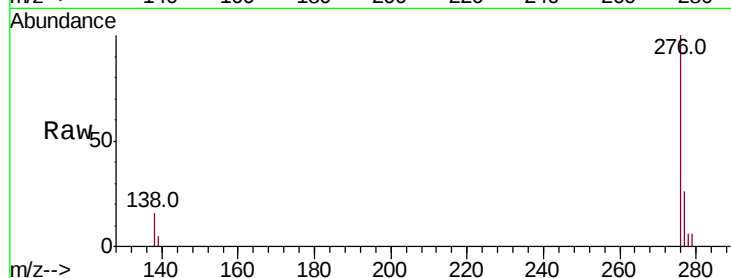
Lab File: BE098672.D

Acq: 18 Jan 2019 19:29

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 5355

Ion Ratio Lower Upper

276 100

277 25.7 20.3 30.5

138 16.5 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

