

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011619\
 Data File : BE098644.D
 Acq On : 16 Jan 2019 22:42
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 17 00:13:43 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	1007	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4526	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3110	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7404	0.40	ng	0.00
27) Chrysene-d12	21.41	240	8546	0.40	ng	0.00
34) Perylene-d12	23.92	264	8296	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1046	0.39	ng	0.00
5) Phenol-d6	7.00	99	1552	0.41	ng	0.00
8) Nitrobenzene-d5	8.96	82	1597	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2965	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	539	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4554	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	34439	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	7083	0.37	ng	0.00

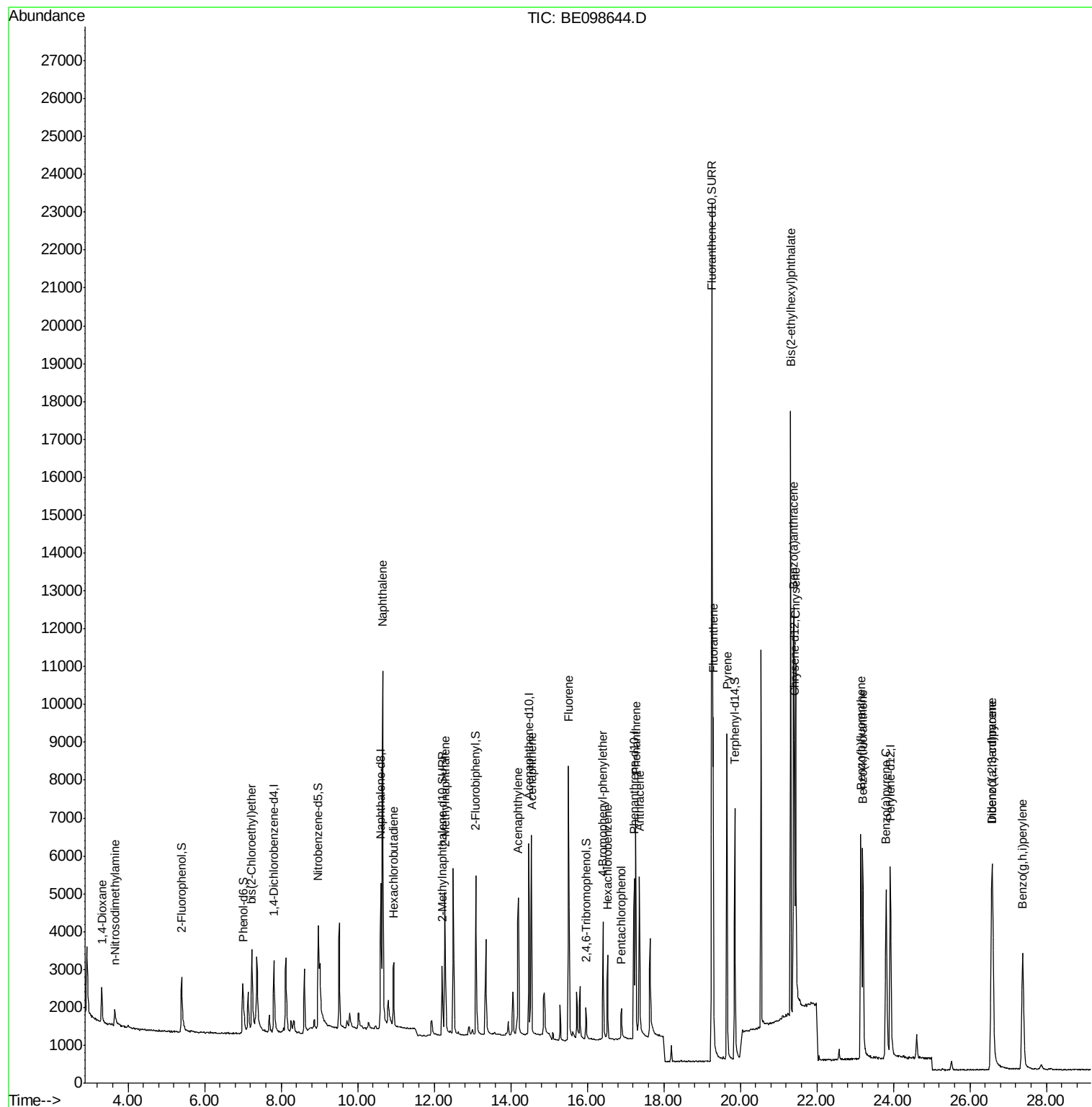
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	635	0.332	ng	90
3) n-Nitrosodimethylamine	3.65	42	648	0.430	ng	# 87
6) bis(2-Chloroethyl)ether	7.23	93	1207	0.417	ng	81
9) Naphthalene	10.65	128	17279	0.383	ng	100
10) Hexachlorobutadiene	10.94	225	1300	0.403	ng	97
12) 2-Methylnaphthalene	12.28	142	2900	0.388	ng	98
16) Acenaphthylene	14.20	152	4939	0.367	ng	98
17) Acenaphthene	14.54	154	3168	0.375	ng	99
18) Fluorene	15.51	166	4135	0.376	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	1475	0.376	ng	92
21) Hexachlorobenzene	16.53	284	1818	0.384	ng	99
22) Pentachlorophenol	16.89	266	623	0.522	ng	97
23) Phenanthrene	17.27	178	6644	0.379	ng	100
24) Anthracene	17.36	178	5438	0.362	ng	99
26) Fluoranthene	19.29	202	8417	0.373	ng	99
28) Pyrene	19.65	202	8668	0.368	ng	99
30) Benzo(a)anthracene	21.39	228	8693	0.378	ng	97
31) Chrysene	21.45	228	8735	0.367	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	16946	0.348	ng	99
33) Indeno(1,2,3-cd)pyrene	26.57	276	9542	0.388	ng	99
35) Benzo(b)fluoranthene	23.15	252	8520	0.376	ng	100
36) Benzo(k)fluoranthene	23.20	252	9230	0.373	ng	99
37) Benzo(a)pyrene	23.81	252	8306	0.374	ng	96
38) Dibenzo(a,h)anthracene	26.59	278	7728	0.393	ng	98
39) Benzo(g,h,i)perylene	27.38	276	8110	0.376	ng	99

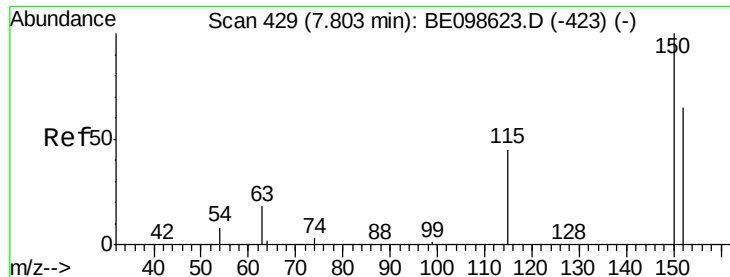
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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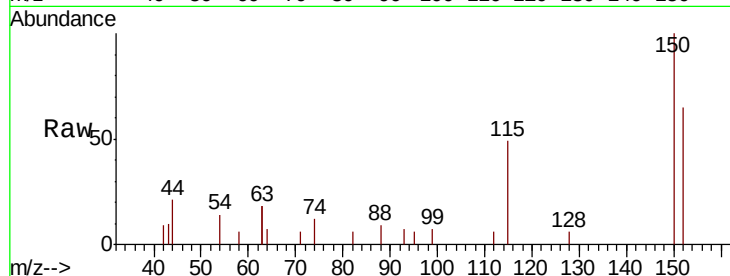


#1

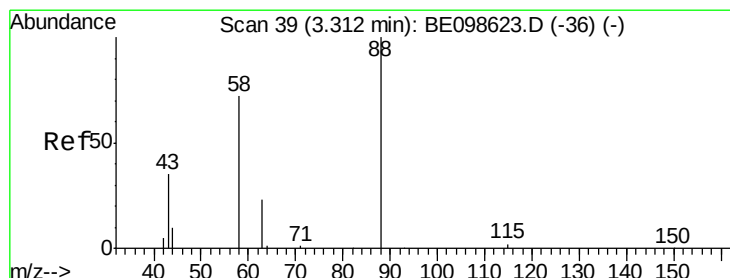
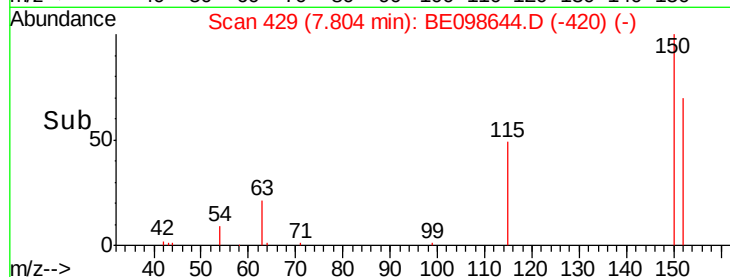
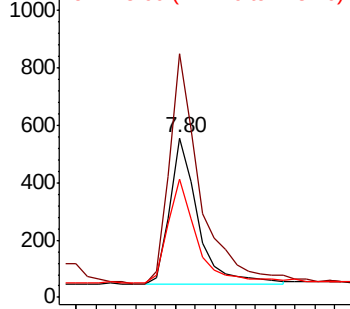
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1007
Ion Ratio Lower Upper
152 100
150 152.7 121.4 182.2
115 74.3 59.1 88.7



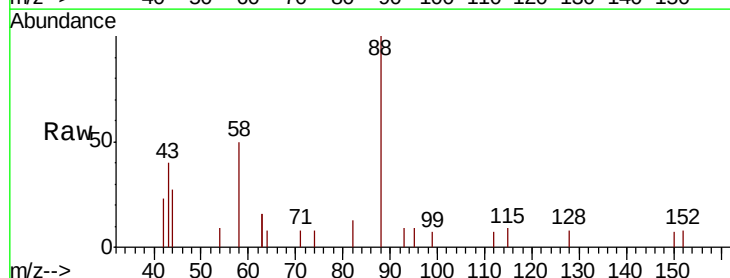
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



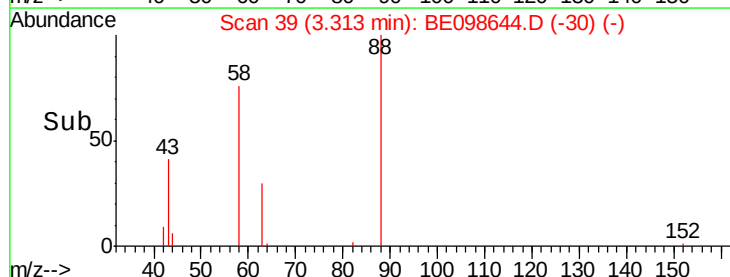
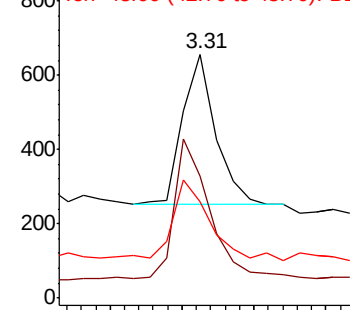
#2

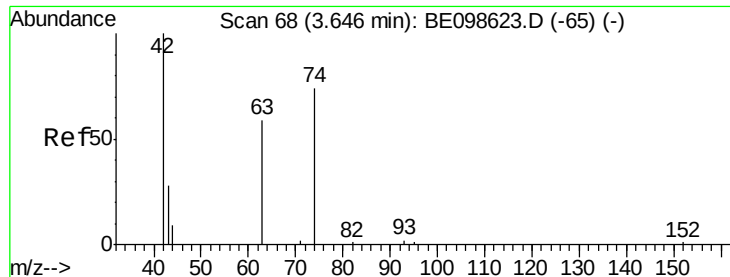
1,4-Dioxane
Concen: 0.332 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion: 88 Resp: 635
Ion Ratio Lower Upper
88 100
58 100.3 73.9 110.9
43 64.6 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: 0.430 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

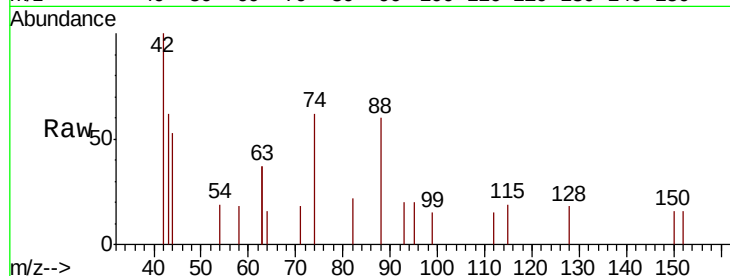
Tot Ion: 42 Resp: 648

Ion Ratio Lower Upper

42 100

74 63.0 58.9 88.3

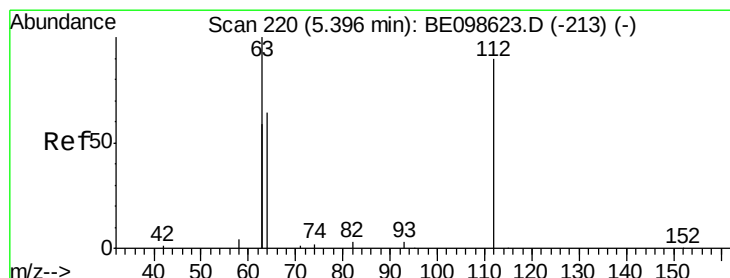
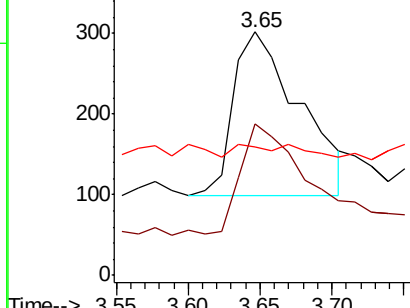
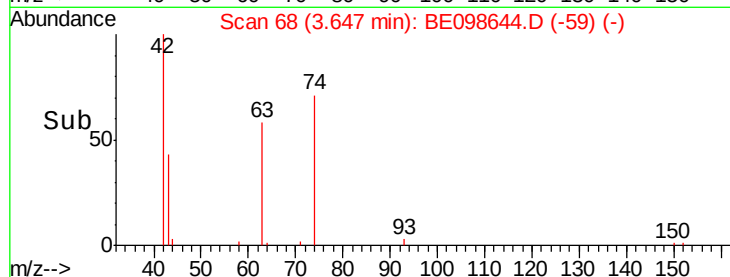
44 7.4 0.0 0.0#



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: 0.389 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

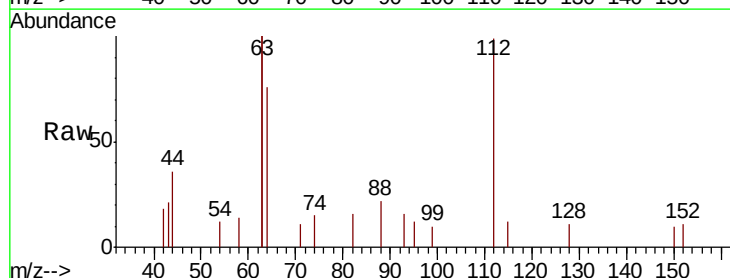
Tgt Ion: 112 Resp: 1046

Ion Ratio Lower Upper

112 100

64 82.0 62.9 94.3

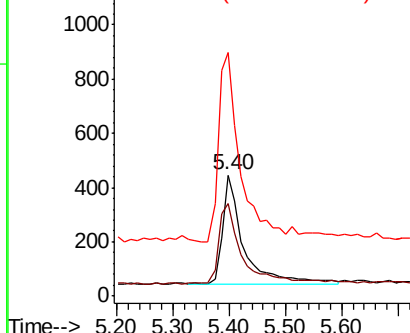
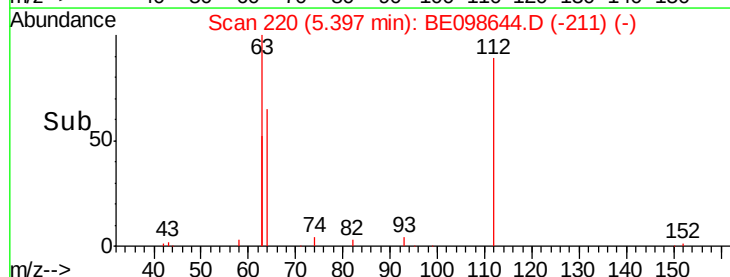
63 177.6 152.2 228.4

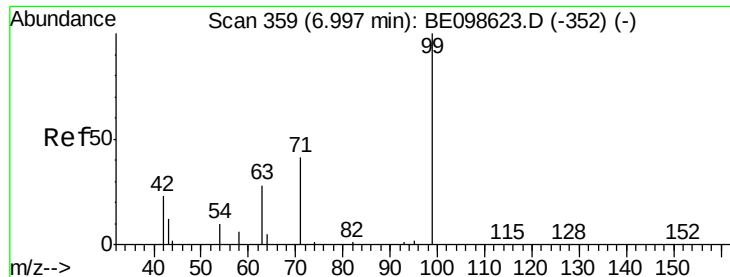


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.406 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

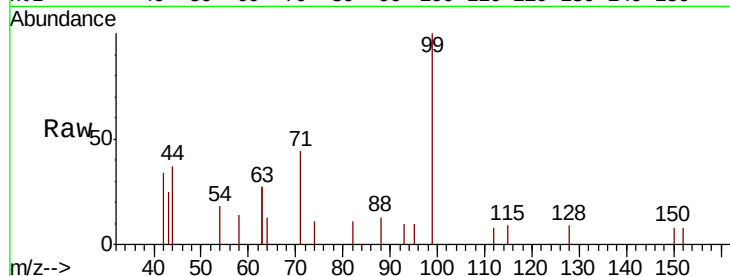
Tot Ion: 99 Resp: 1552

Ion Ratio Lower Upper

99 100

42 34.7 24.6 37.0

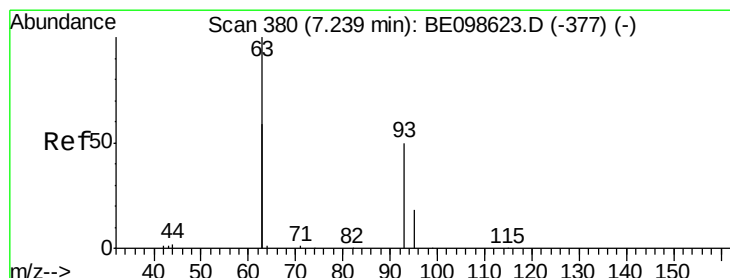
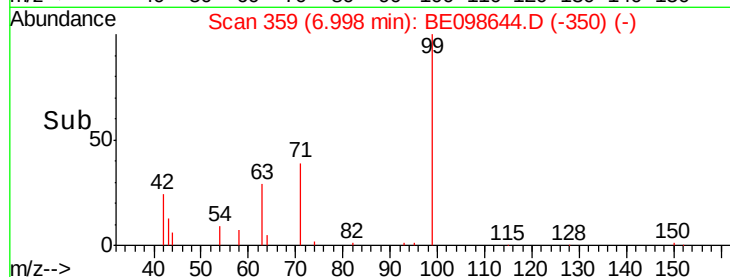
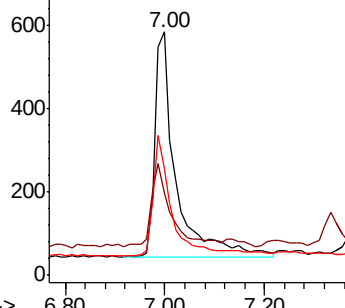
71 47.6 35.1 52.7



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: 0.417 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

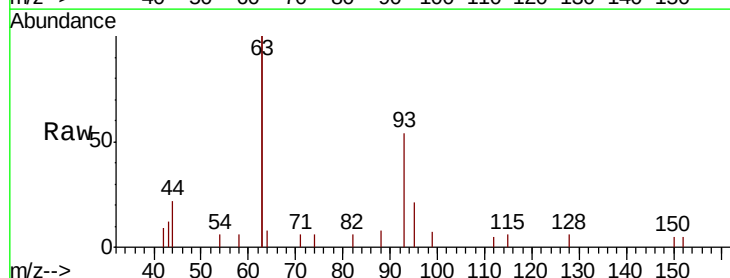
Tgt Ion: 93 Resp: 1207

Ion Ratio Lower Upper

93 100

63 290.8 267.3 400.9

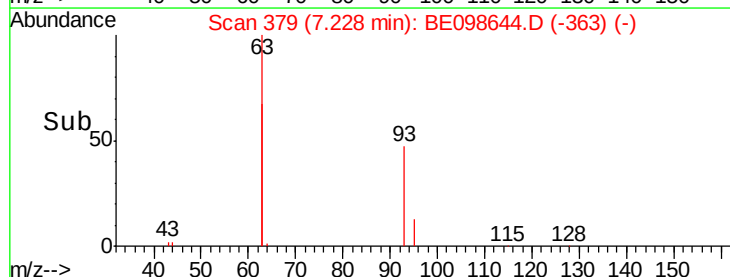
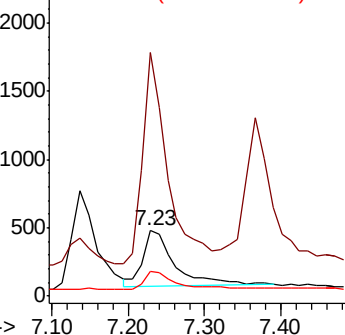
95 30.7 26.2 39.4

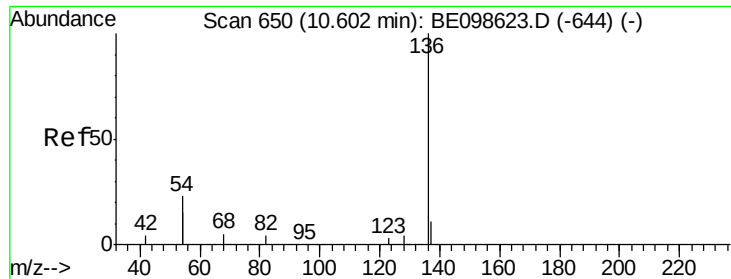


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4526

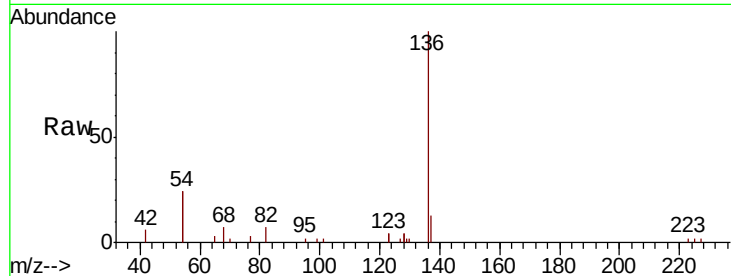
Ion Ratio Lower Upper

136 100

137 12.9 9.7 14.5

54 47.5 35.5 53.3

68 6.8 5.0 7.6

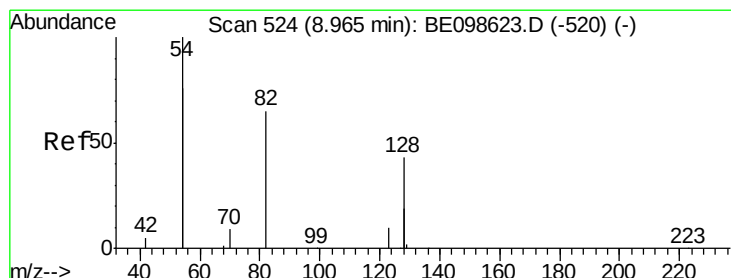
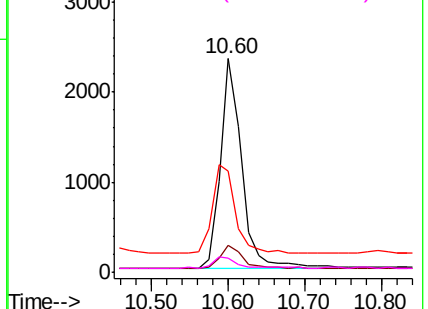
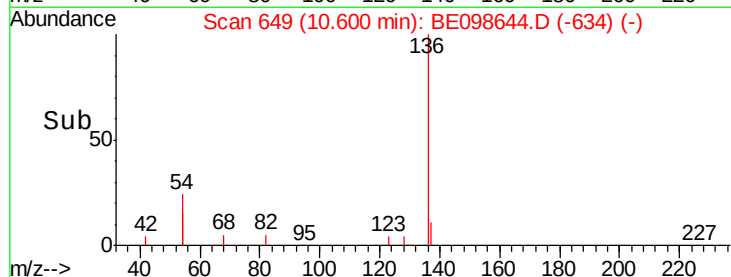


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.445 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

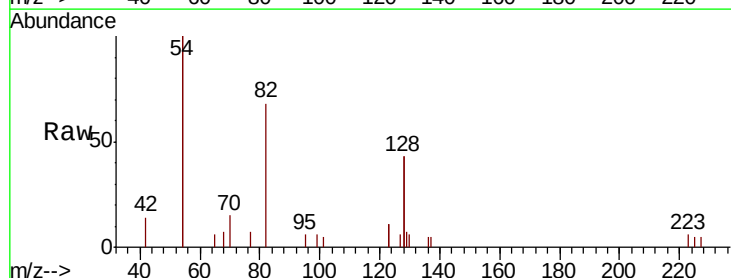
Tgt Ion: 82 Resp: 1597

Ion Ratio Lower Upper

82 100

128 126.2 96.5 144.7

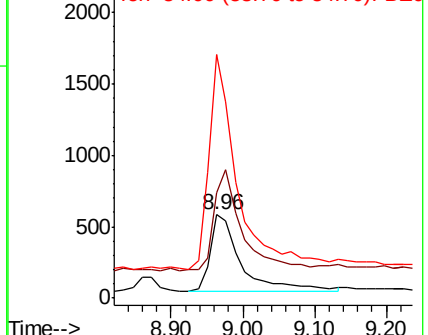
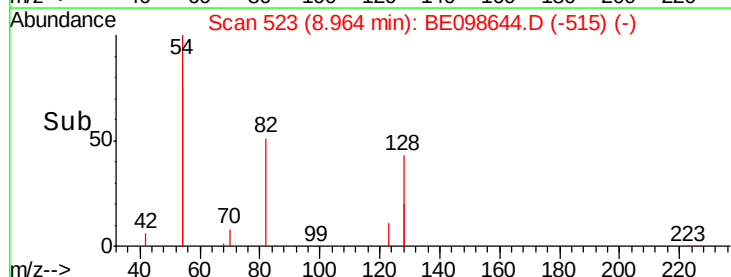
54 292.6 224.7 337.1

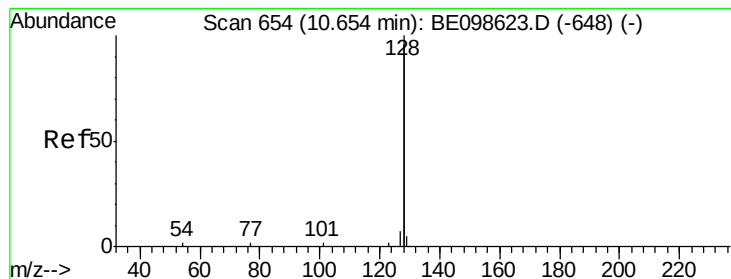


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.383 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

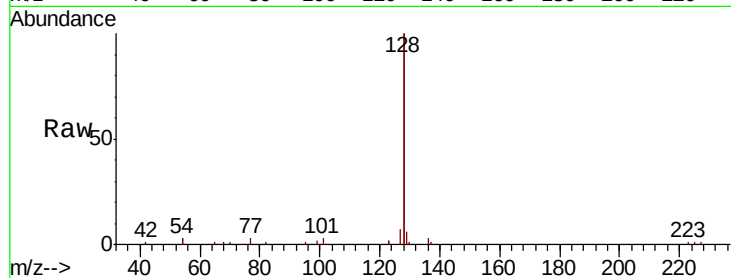
Tot Ion:128 Resp: 17279

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

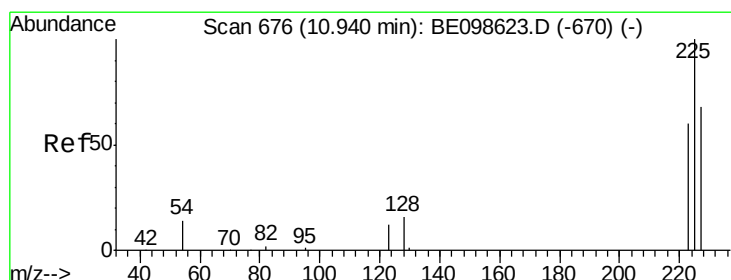
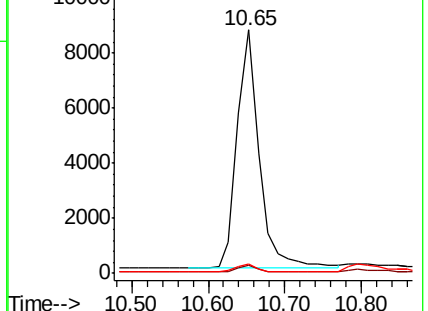
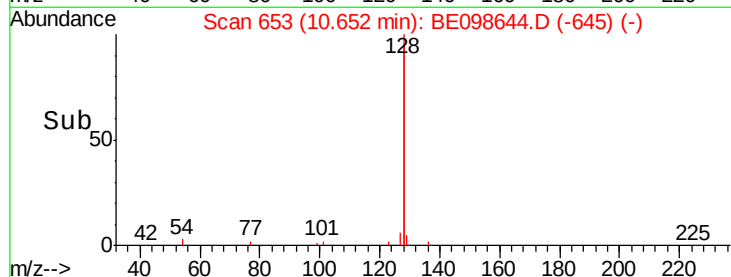
127 3.7 3.0 4.6



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: 0.403 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

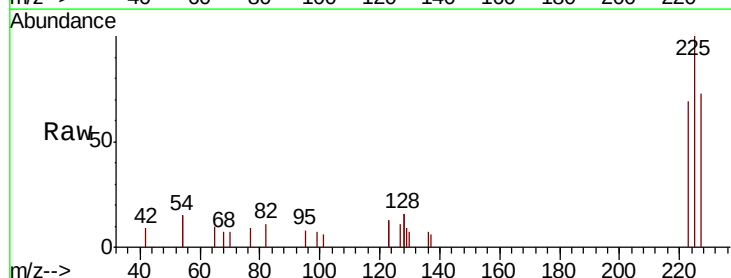
Tgt Ion:225 Resp: 1300

Ion Ratio Lower Upper

225 100

223 63.4 47.8 71.8

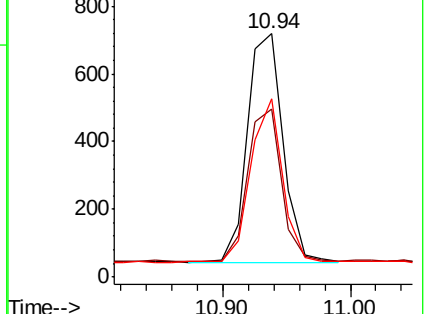
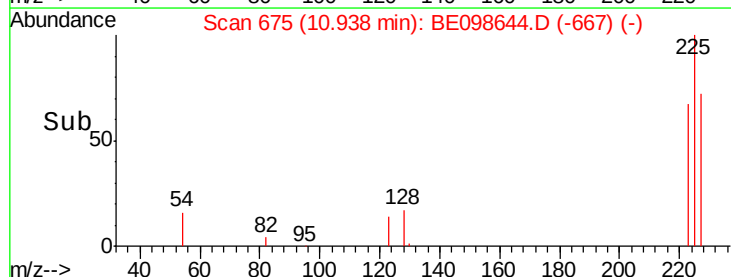
227 63.5 50.5 75.7

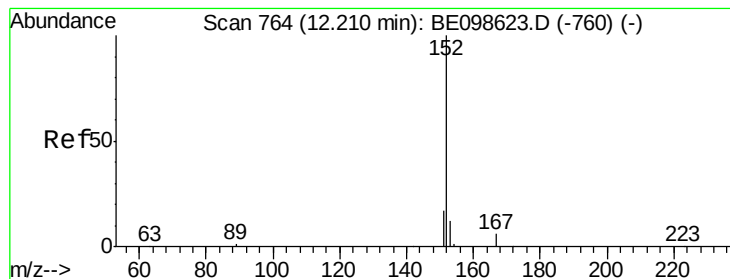


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

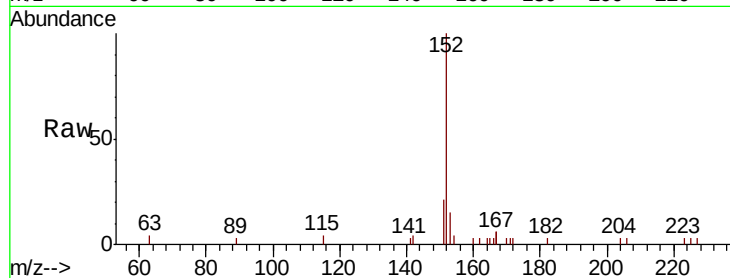
SSTDCCC0.4EC

Tot Ion:152 Resp: 2965

Ion Ratio Lower Upper

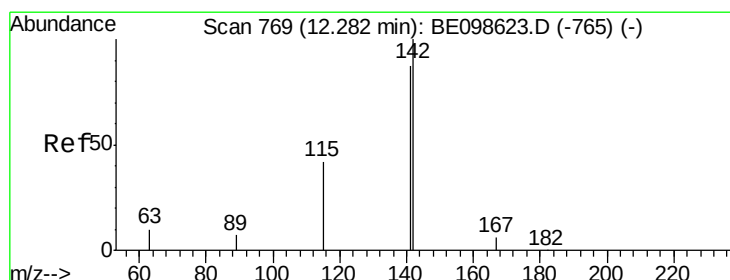
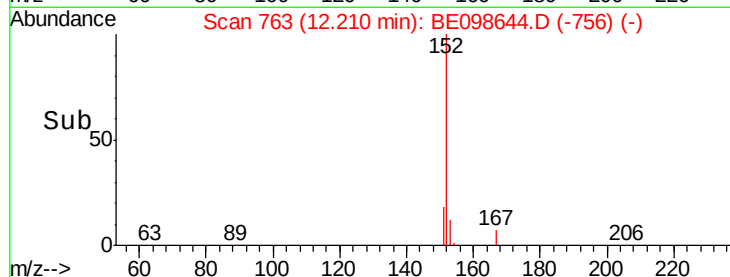
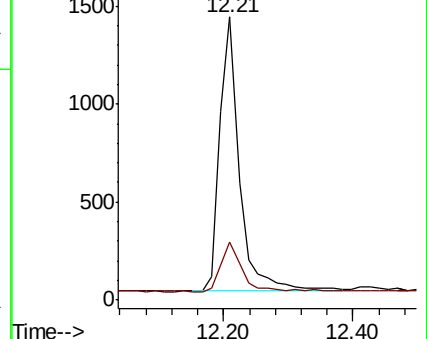
152 100

151 19.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.388 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

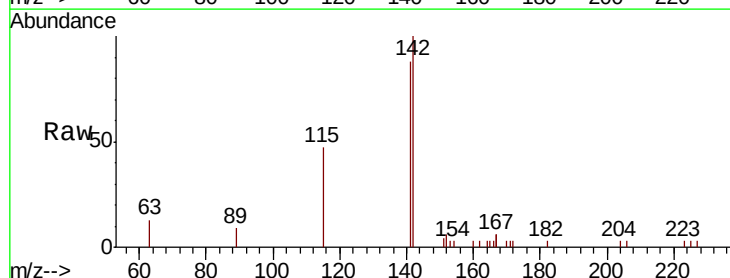
Tgt Ion:142 Resp: 2900

Ion Ratio Lower Upper

142 100

141 88.4 70.0 105.0

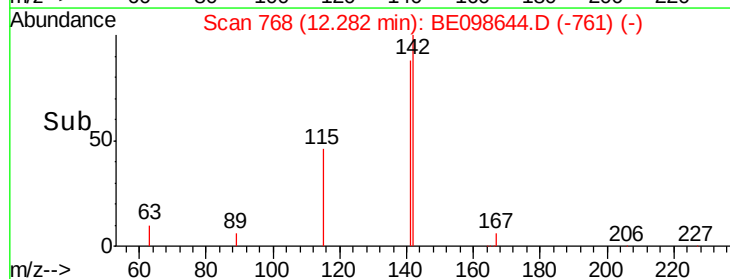
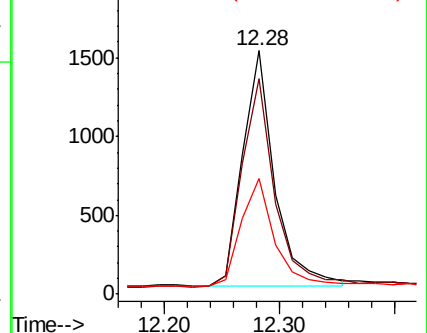
115 47.4 35.2 52.8

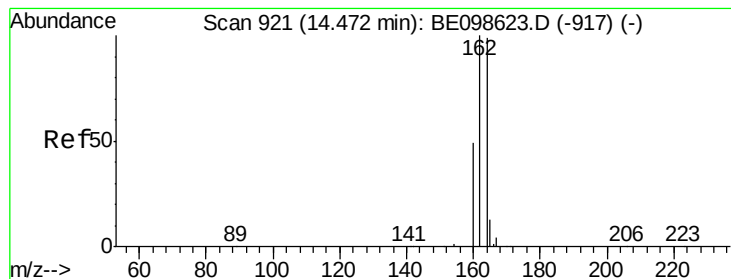


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

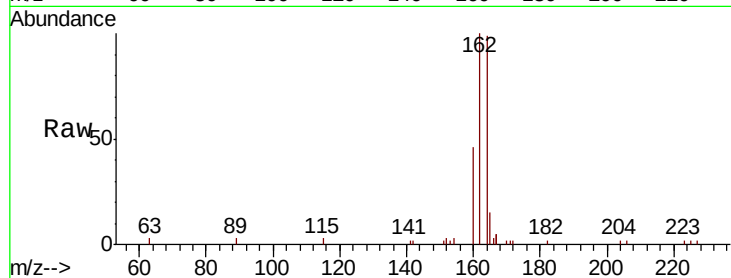
Tot Ion:164 Resp: 3110

Ion Ratio Lower Upper

164 100

162 101.5 80.5 120.7

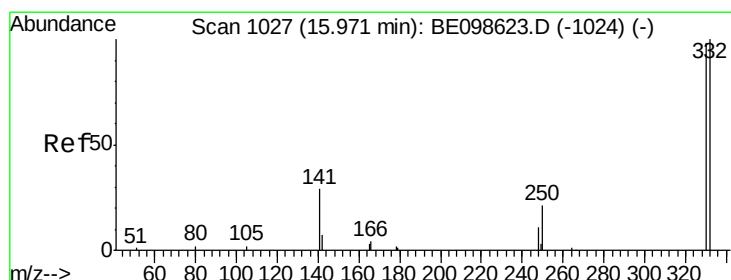
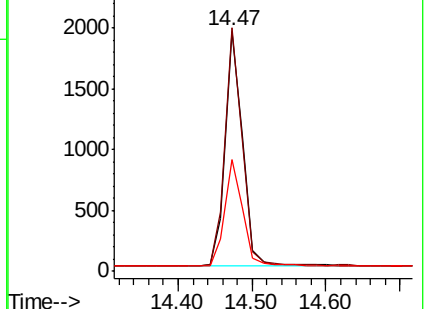
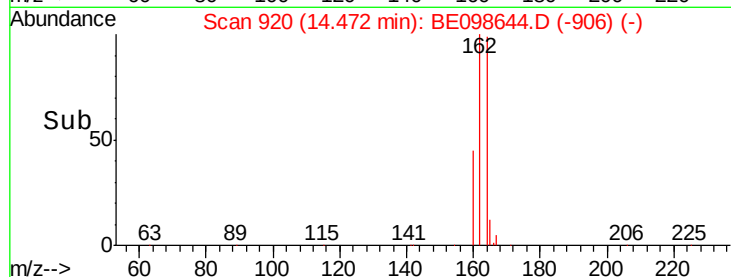
160 46.7 40.1 60.1



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: 0.398 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

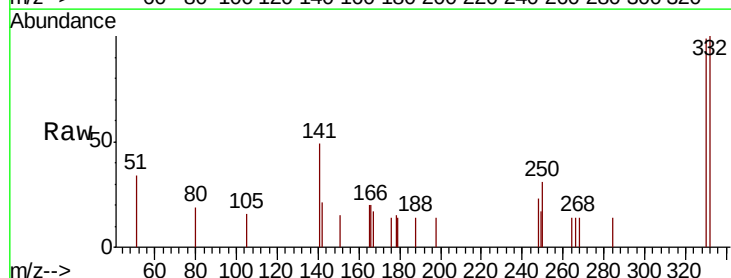
Tgt Ion:330 Resp: 539

Ion Ratio Lower Upper

330 100

332 103.5 73.3 109.9

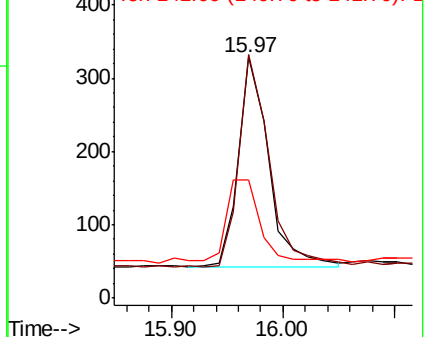
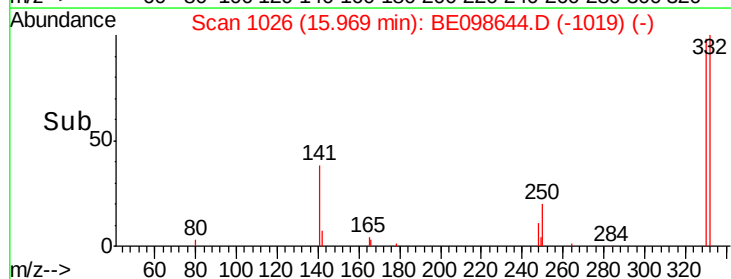
141 43.2 33.1 49.7

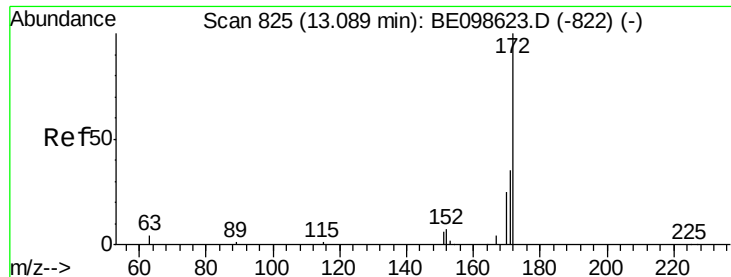


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

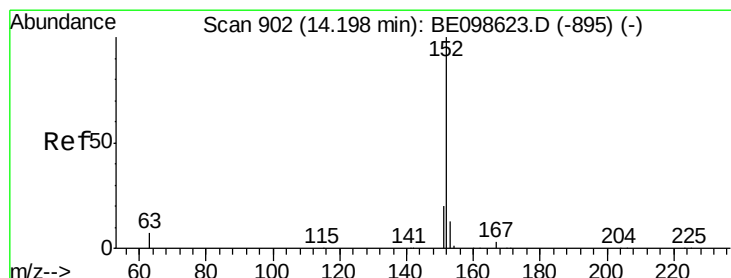
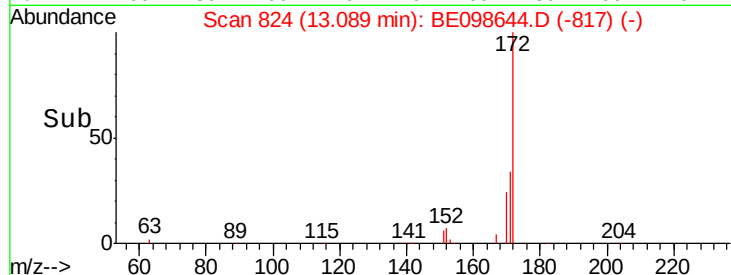
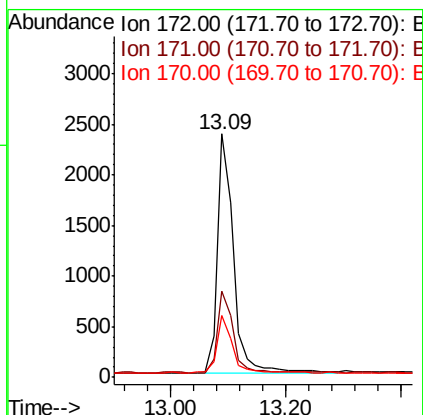
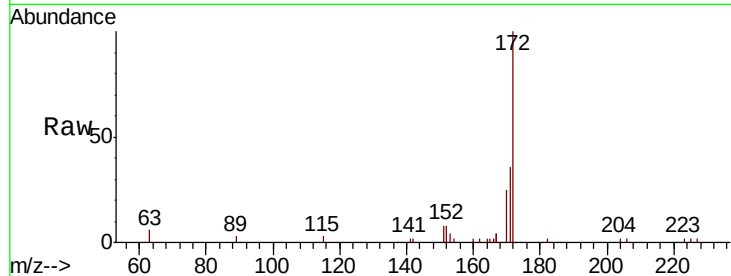




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

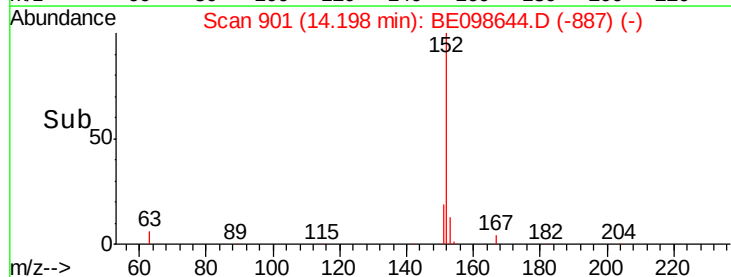
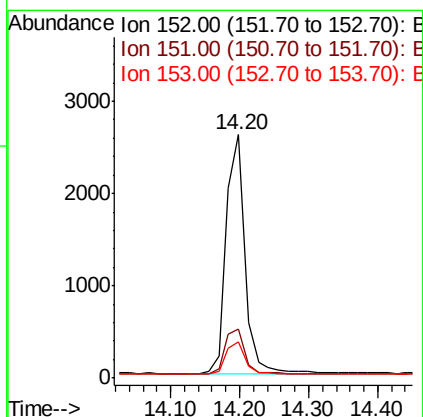
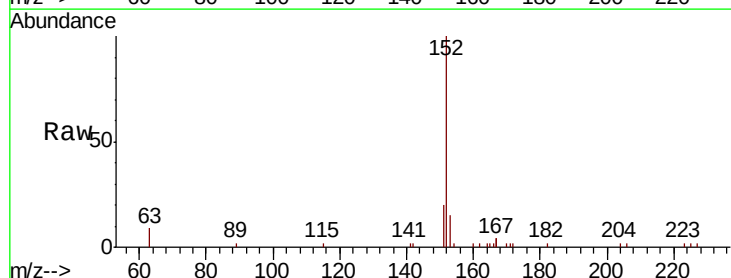
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

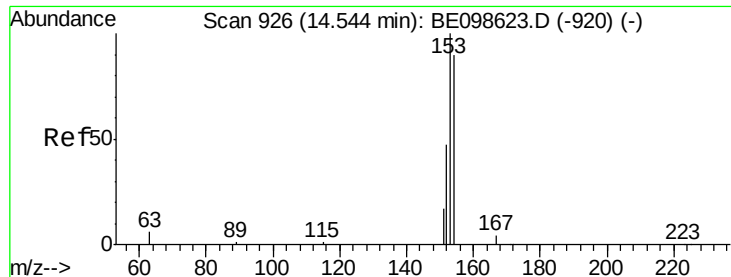
Tot Ion:172 Resp: 4554
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 25.4 20.8 31.2



#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:152 Resp: 4939
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 14.4 10.7 16.1





#17

Acenaphthene

Concen: 0.375 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

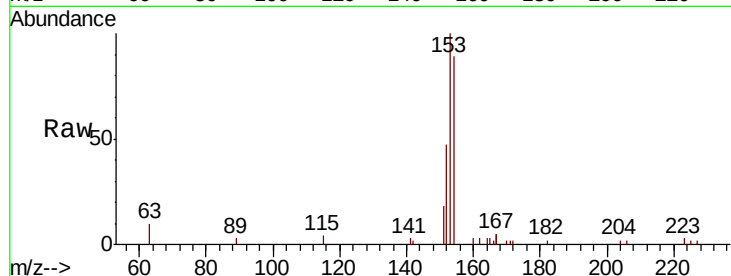
Tot Ion:154 Resp: 3168

Ion Ratio Lower Upper

154 100

153 117.3 93.9 140.9

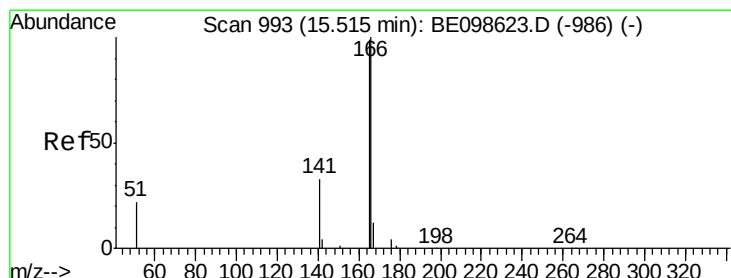
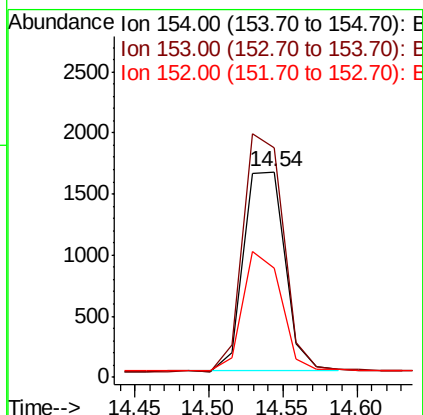
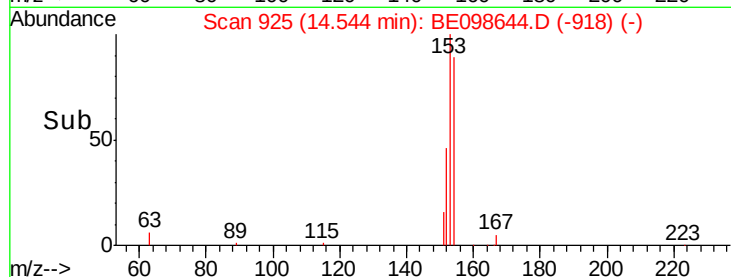
152 56.2 45.8 68.8



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: BE098644.D

Acq: 16 Jan 2019 22:42

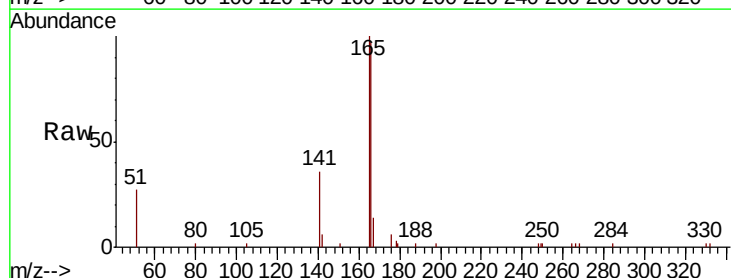
Tgt Ion:166 Resp: 4135

Ion Ratio Lower Upper

166 100

165 101.5 79.3 118.9

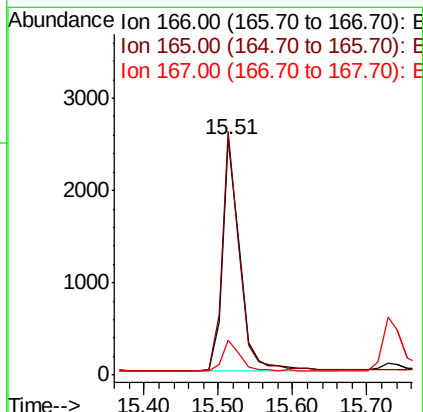
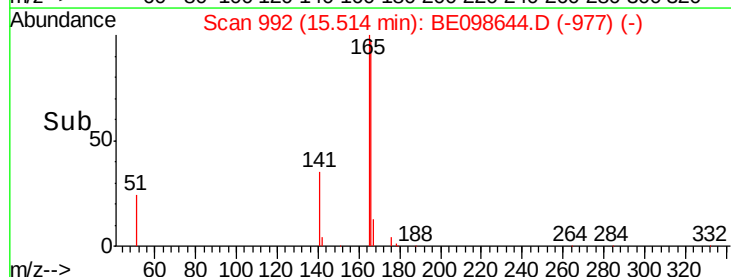
167 13.4 10.6 15.8

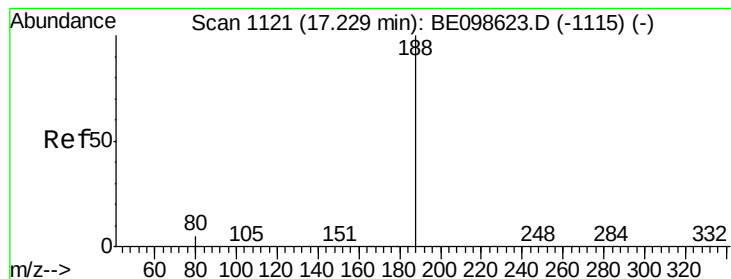


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

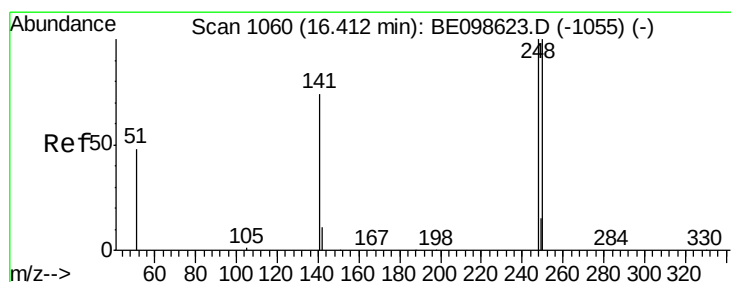
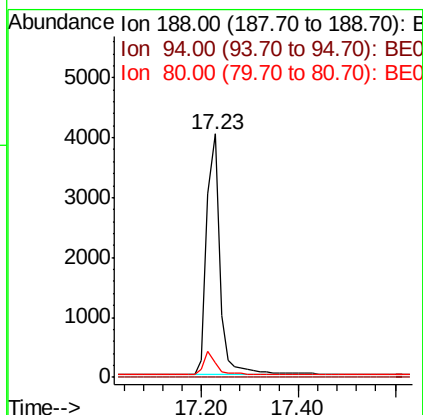
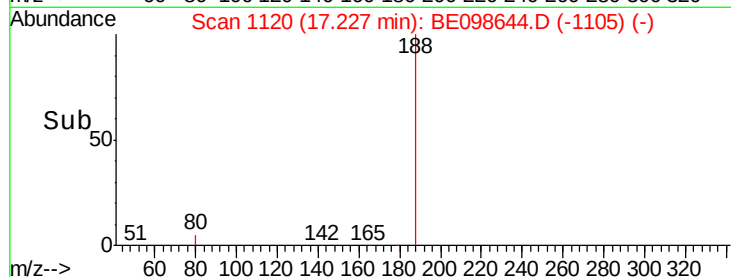
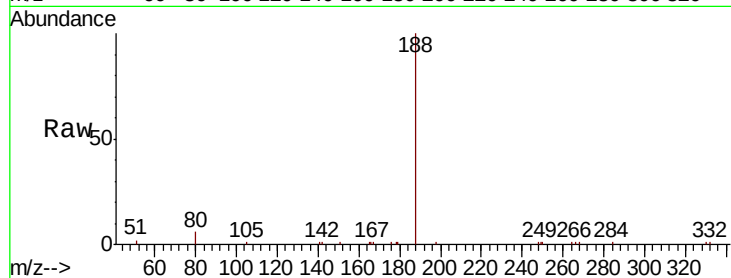
Tot Ion:188 Resp: 7404

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.1 4.7 7.1



#20

4-Bromophenyl-phenylether

Concen: 0.376 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

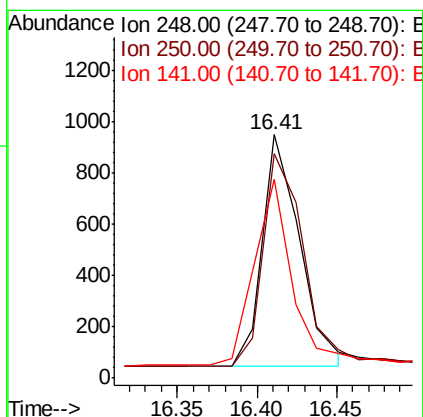
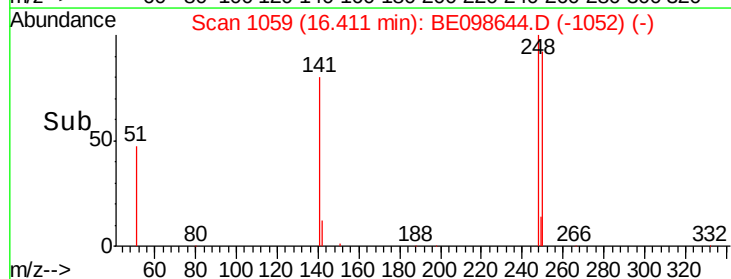
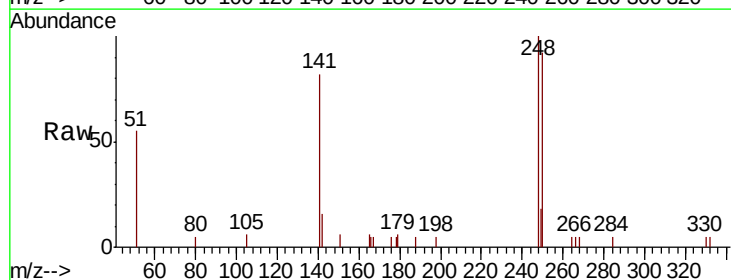
Tgt Ion:248 Resp: 1475

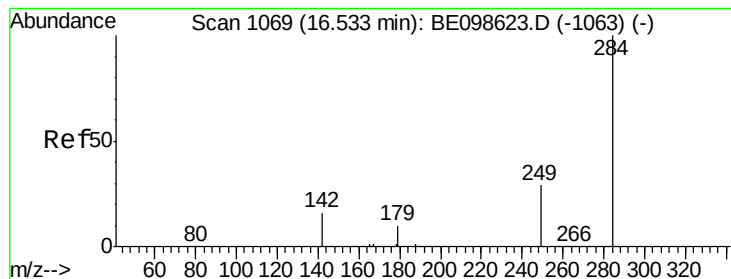
Ion Ratio Lower Upper

248 100

250 92.1 80.2 120.4

141 81.6 60.5 90.7





#21

Hexachlorobenzene

Concen: 0.384 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

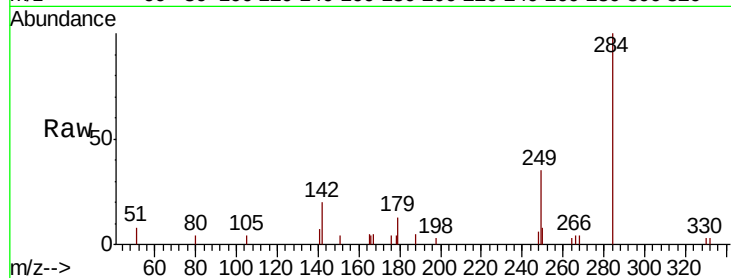
Tot Ion:284 Resp: 1818

Ion Ratio Lower Upper

284 100

142 32.7 25.5 38.3

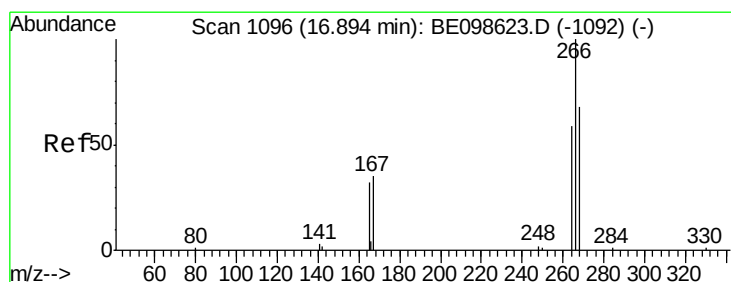
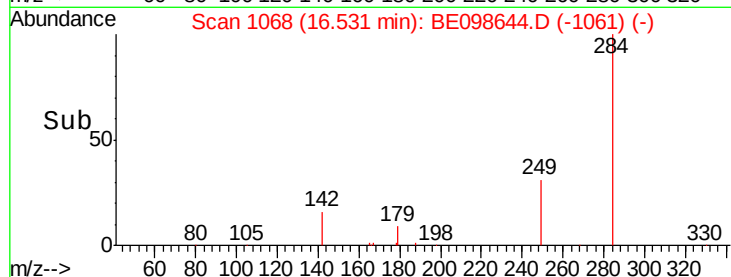
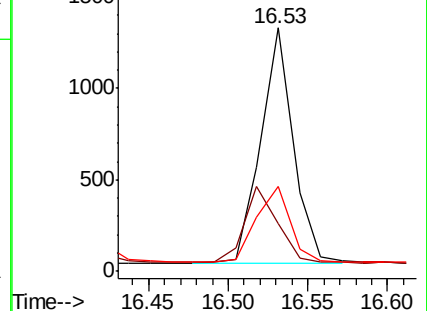
249 33.3 26.6 39.8



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: 0.522 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

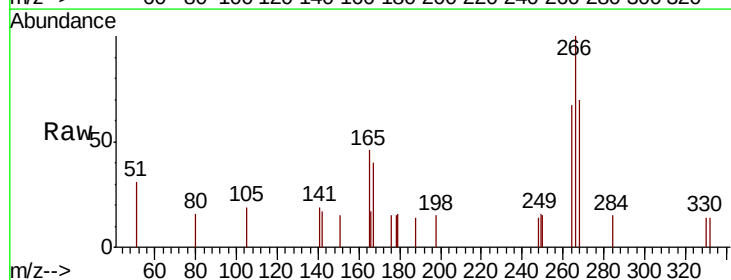
Tgt Ion:266 Resp: 623

Ion Ratio Lower Upper

266 100

264 67.3 53.7 80.5

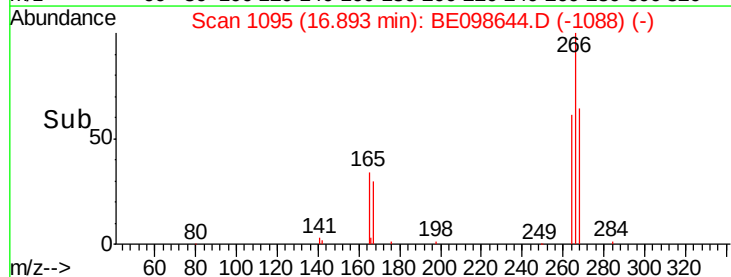
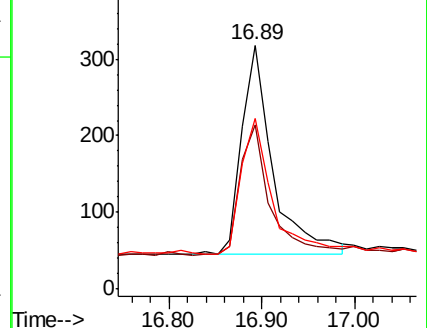
268 70.1 59.8 89.8

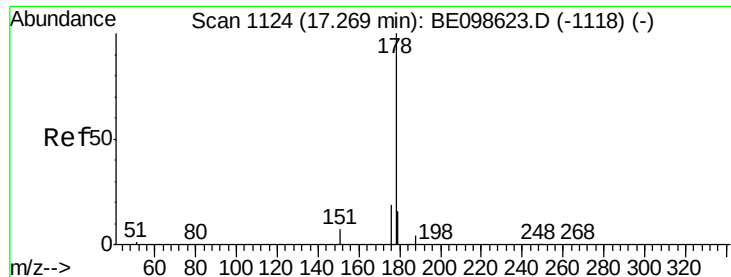


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.379 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

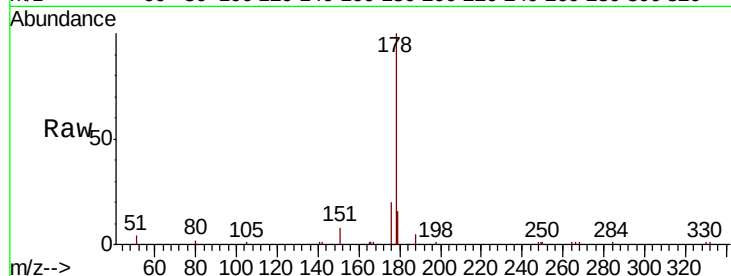
Tot Ion:178 Resp: 6644

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

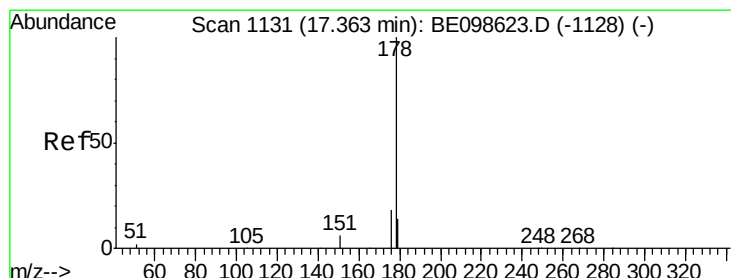
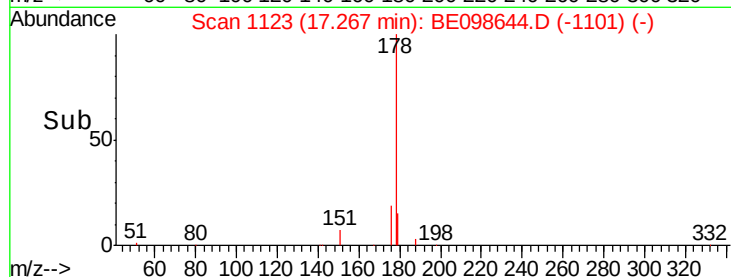
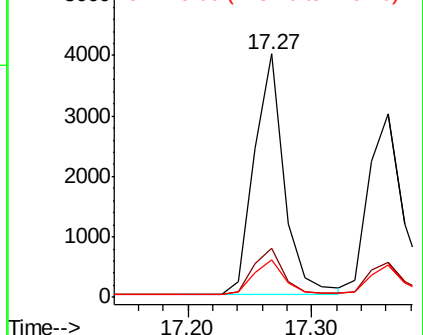
179 15.1 12.2 18.4



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: 0.362 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

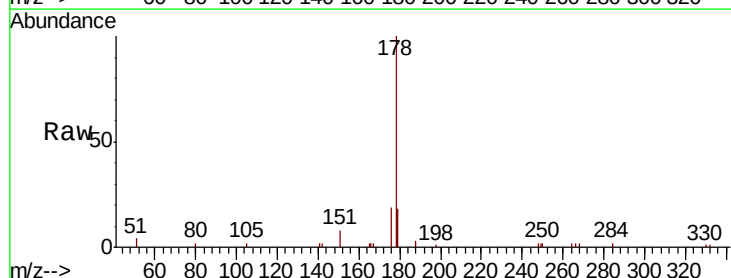
Tgt Ion:178 Resp: 5438

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

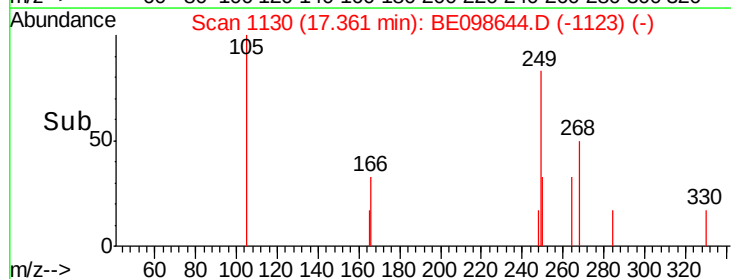
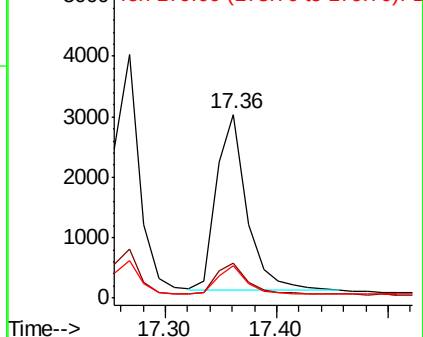
179 15.6 11.8 17.8

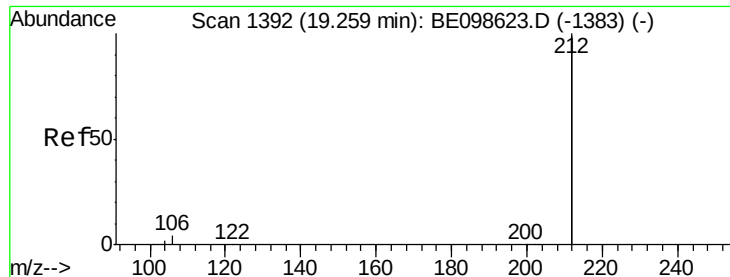


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

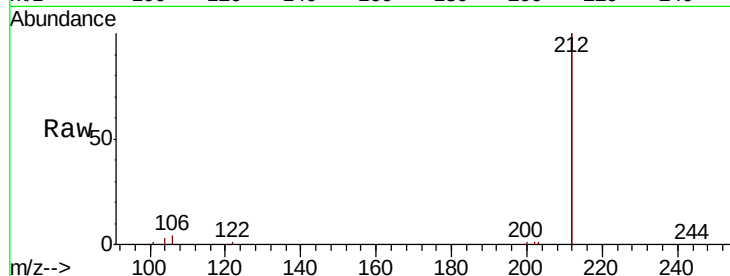
Tot Ion:212 Resp: 34439

Ion Ratio Lower Upper

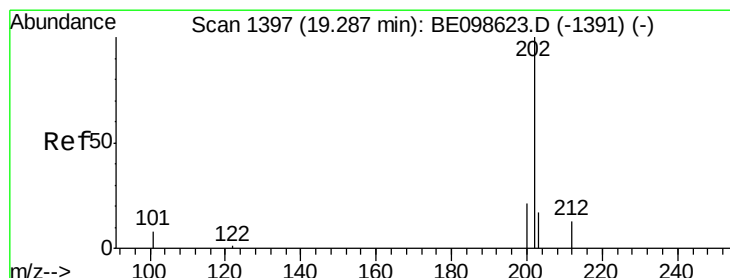
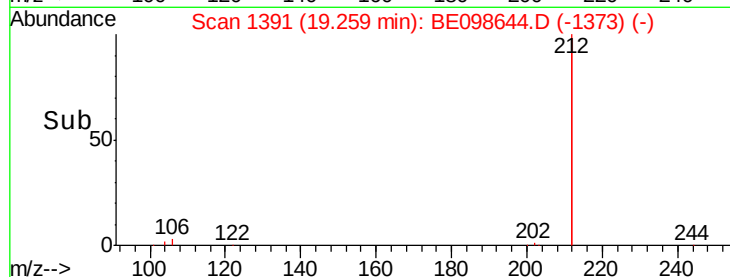
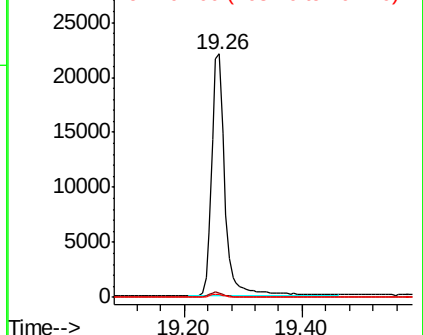
212 100

106 2.0 1.7 2.5

104 1.2 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: 0.373 ng

RT: 19.29 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

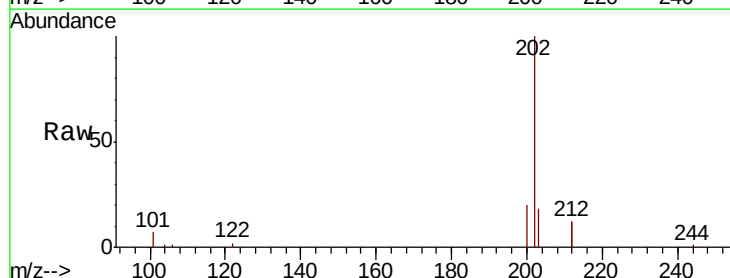
Tgt Ion:202 Resp: 8417

Ion Ratio Lower Upper

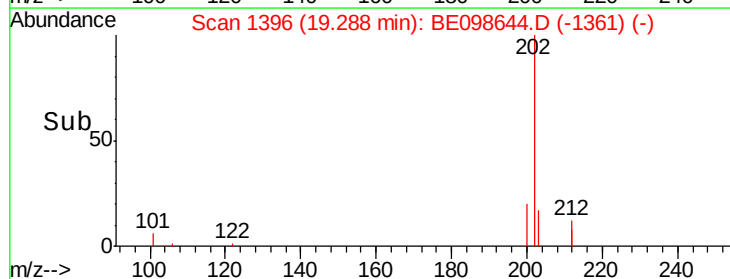
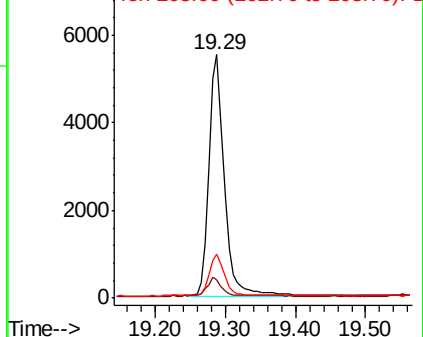
202 100

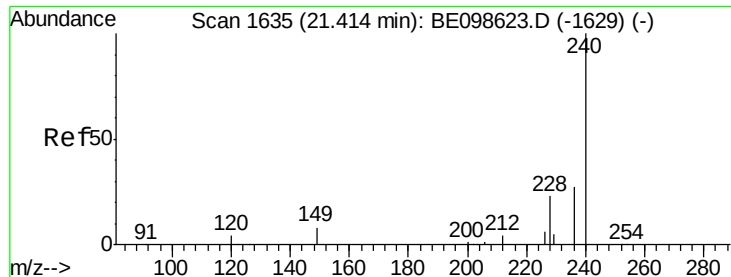
101 7.7 6.7 10.1

203 16.4 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

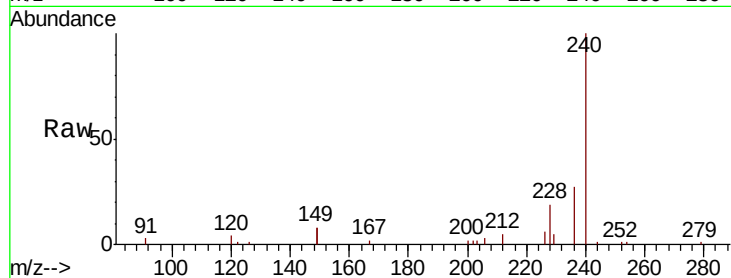




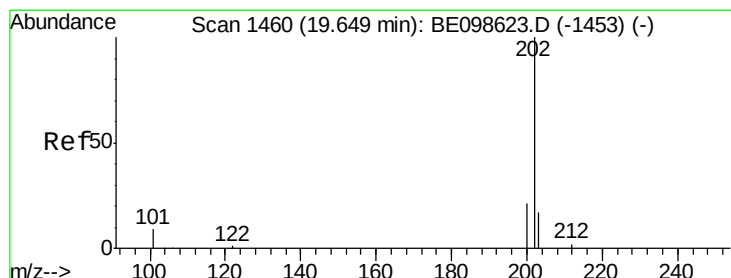
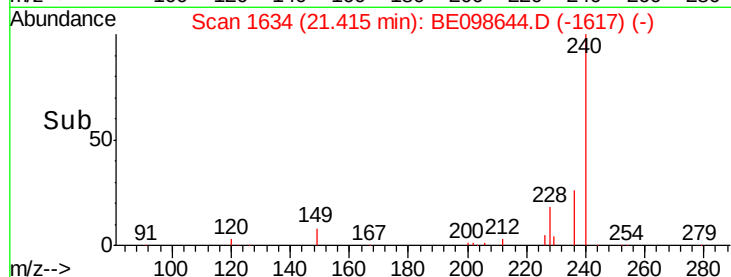
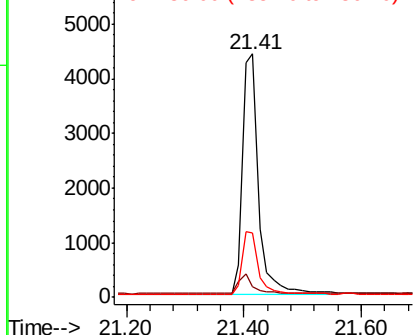
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 8546
Ion Ratio Lower Upper
240 100
120 4.4 4.7 7.1#
236 26.5 21.9 32.9

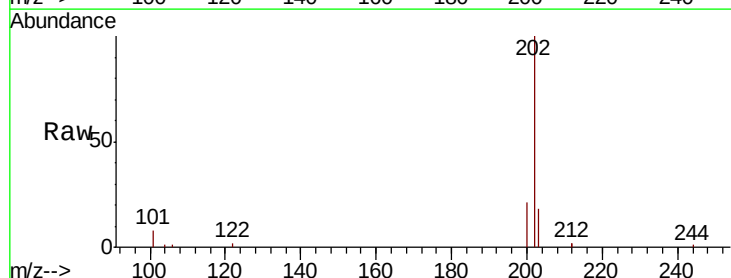


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

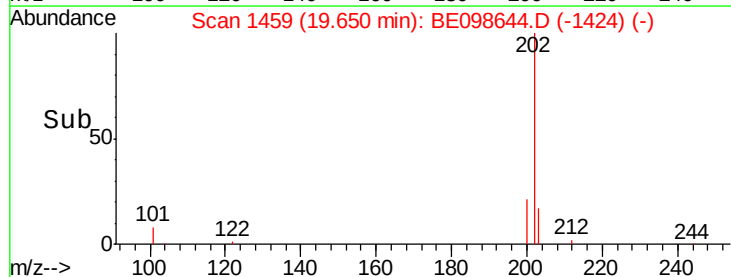
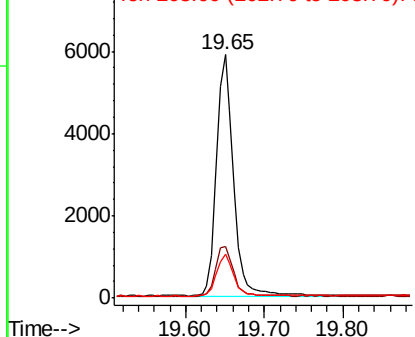


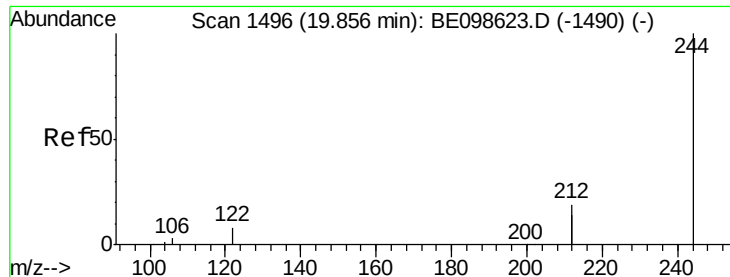
#28
Pyrene
Concen: 0.368 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:202 Resp: 8668
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 16.8 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: 0.375 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

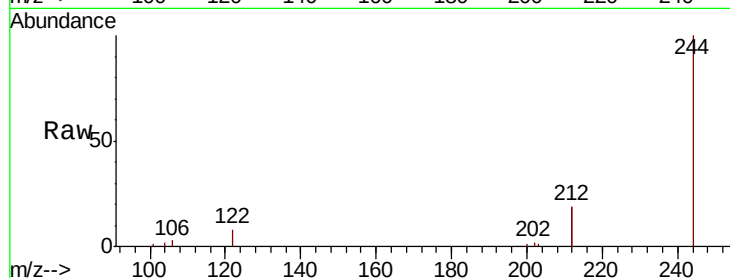
Tot Ion:244 Resp: 7083

Ion Ratio Lower Upper

244 100

212 37.8 29.4 44.2

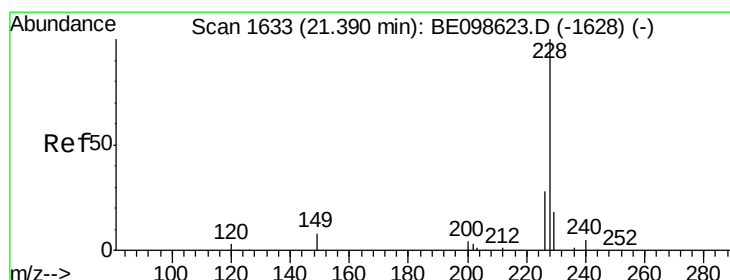
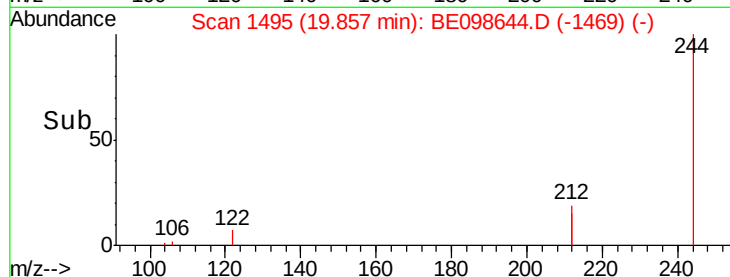
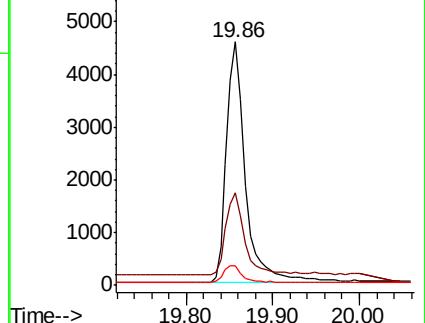
122 8.2 7.1 10.7



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: BE098644.D

Acq: 16 Jan 2019 22:42

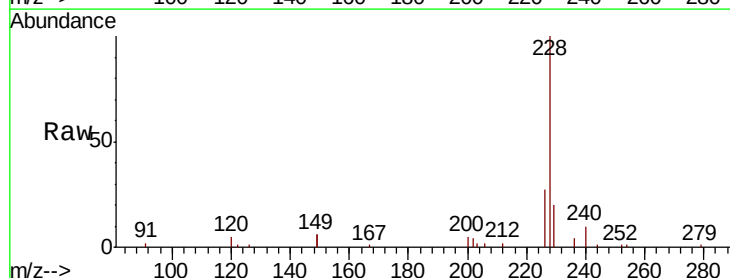
Tgt Ion:228 Resp: 8693

Ion Ratio Lower Upper

228 100

226 27.2 23.0 34.4

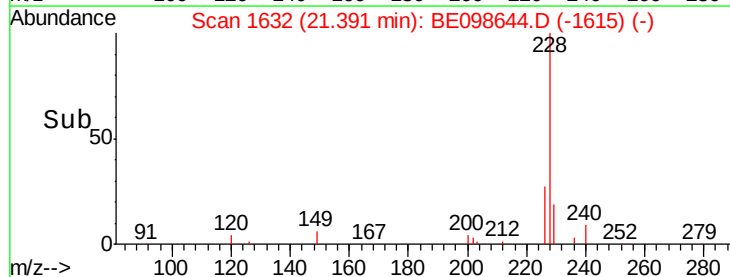
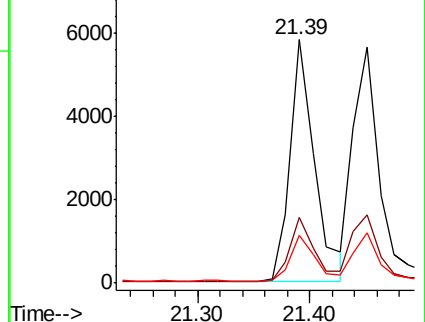
229 19.8 15.0 22.6

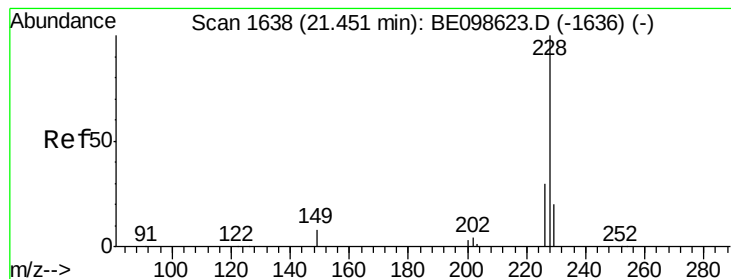


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.367 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

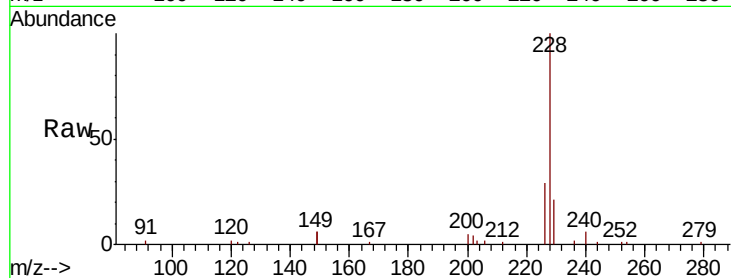
Tot Ion:228 Resp: 8735

Ion Ratio Lower Upper

228 100

226 29.1 24.6 36.8

229 21.2 16.4 24.6

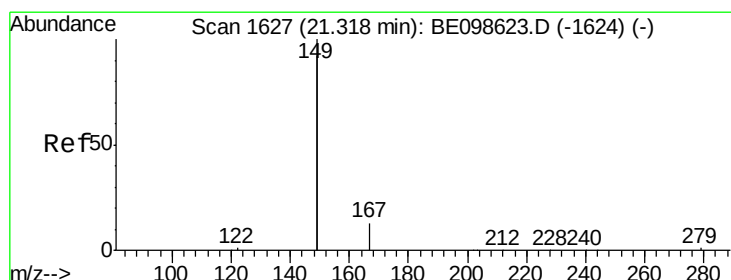
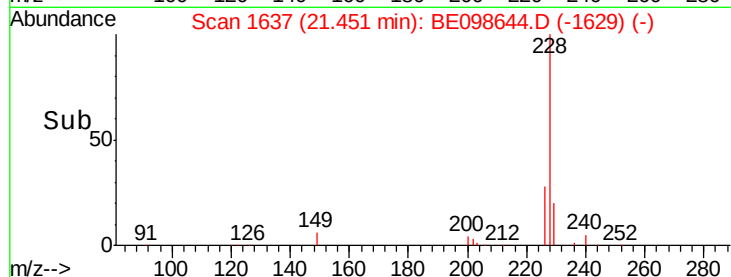
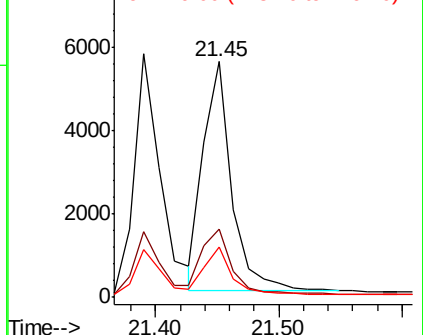


Abundance

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: 0.348 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

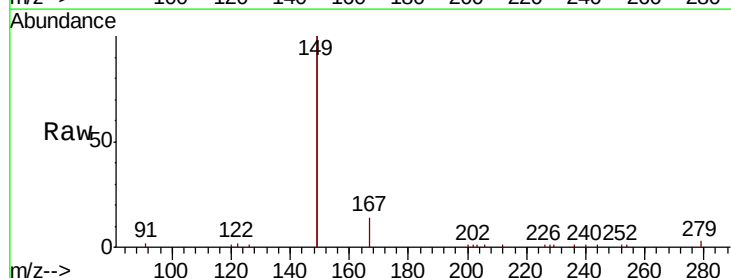
Tgt Ion:149 Resp: 16946

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.2

279 1.3 1.0 1.4

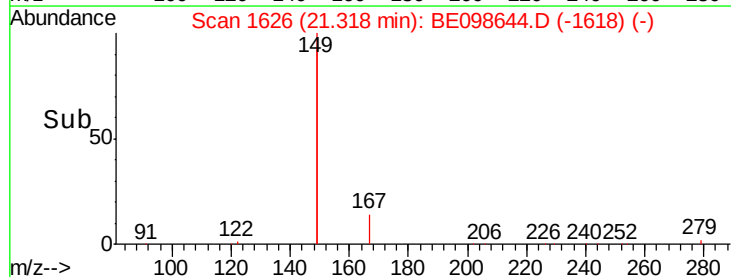
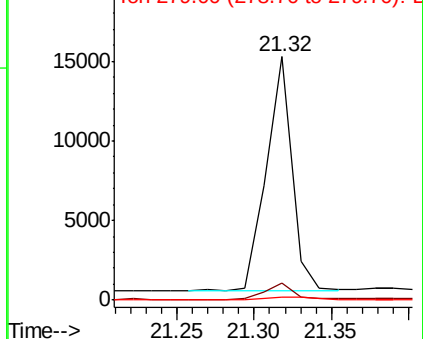


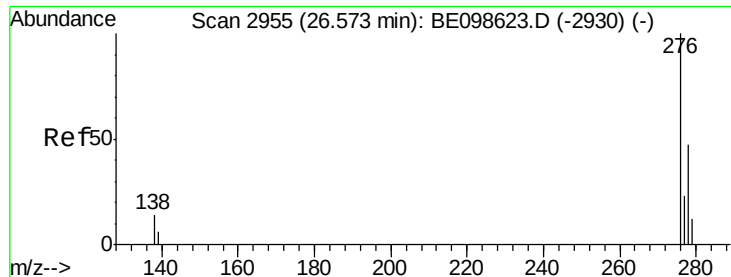
Abundance

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: 0.388 ng

RT: 26.57 min Scan# 2953

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

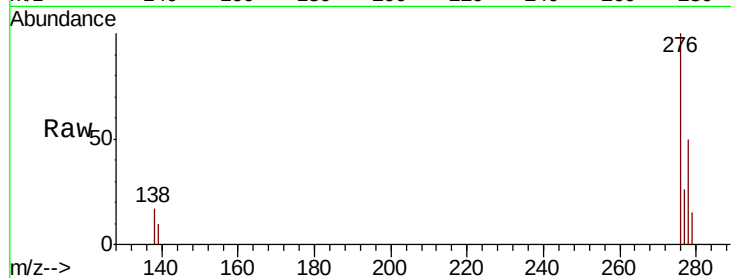
Tot Ion:276 Resp: 9542

Ion Ratio Lower Upper

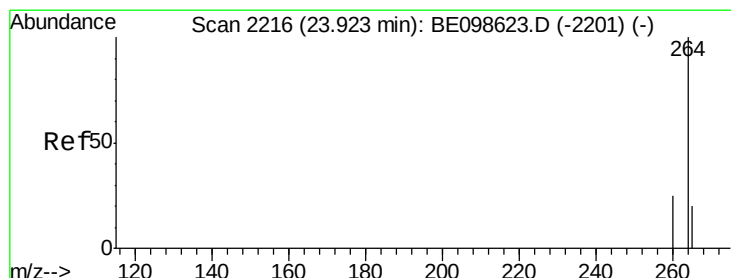
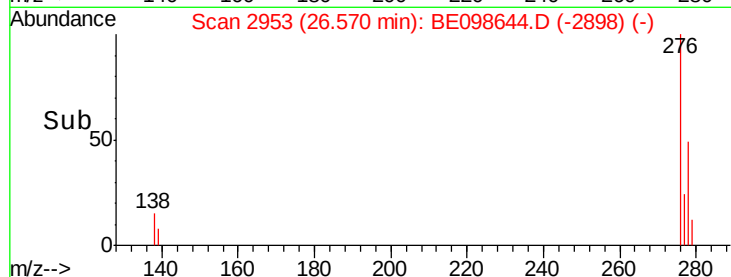
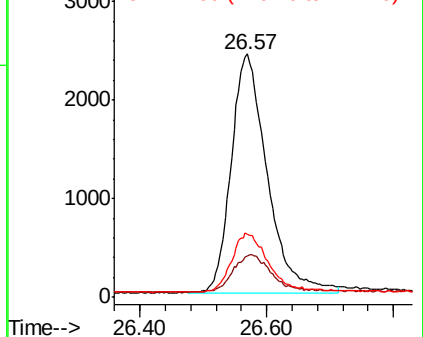
276 100

138 16.5 13.3 19.9

277 24.7 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# 2214

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

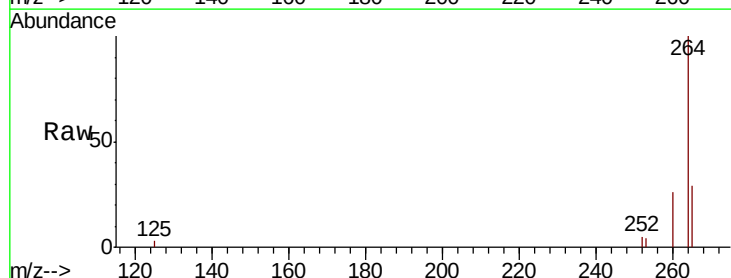
Tgt Ion:264 Resp: 8296

Ion Ratio Lower Upper

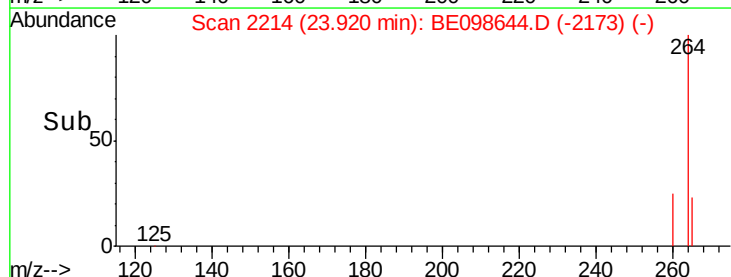
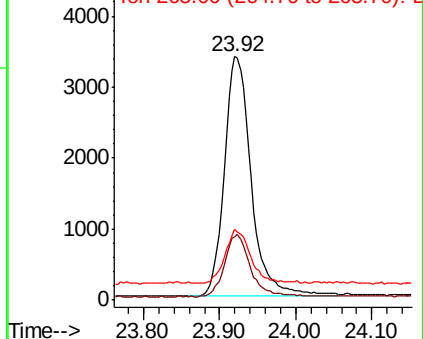
264 100

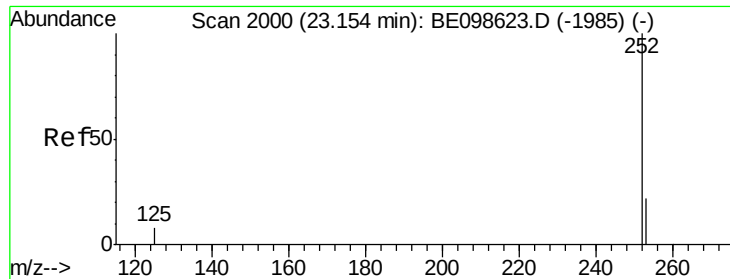
260 25.9 20.5 30.7

265 29.2 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

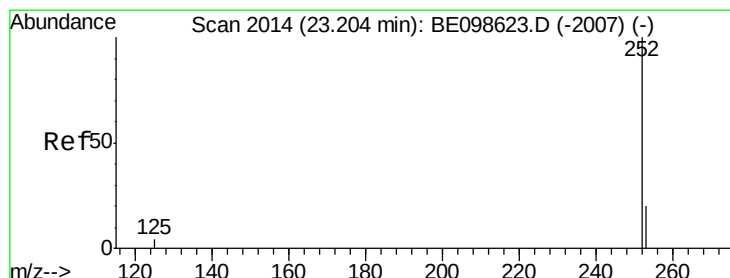
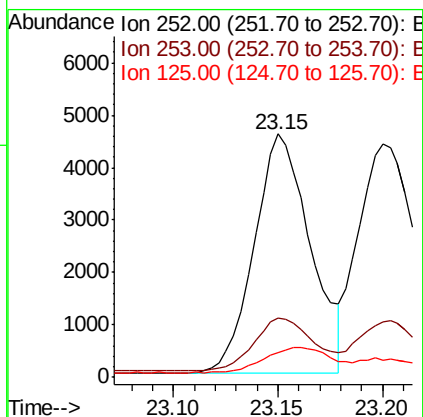
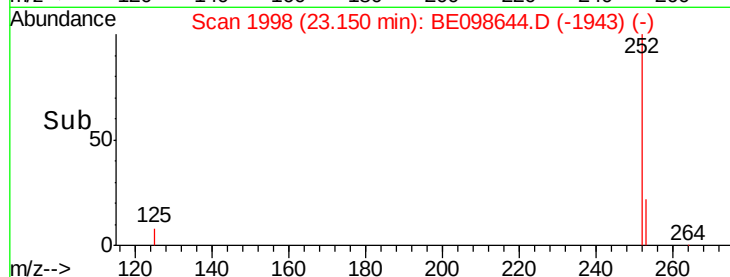
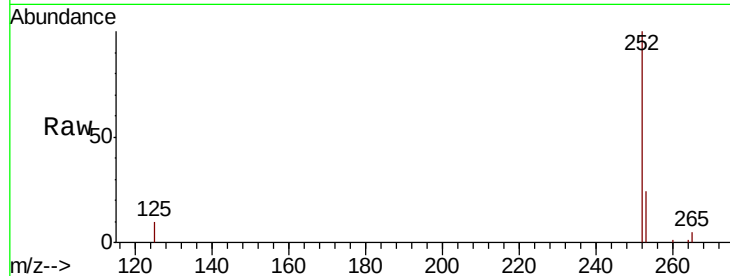




#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

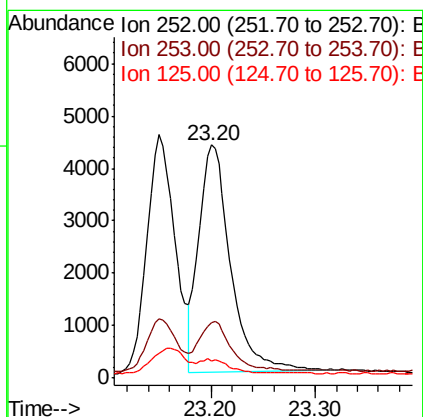
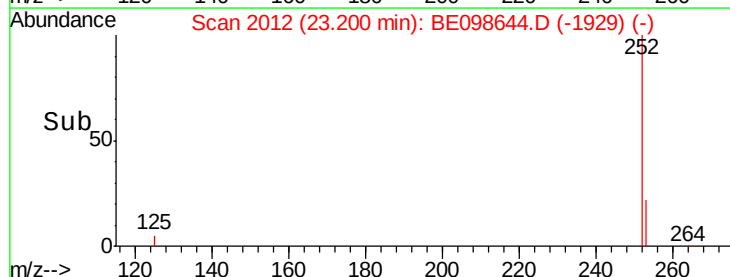
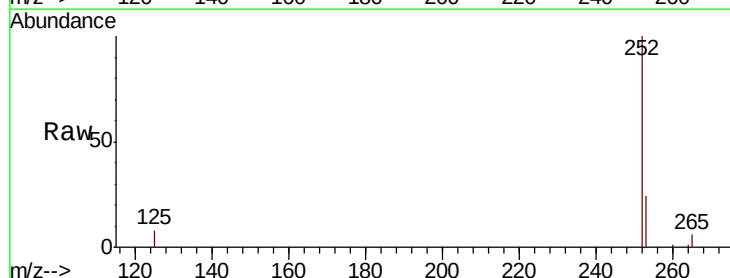
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

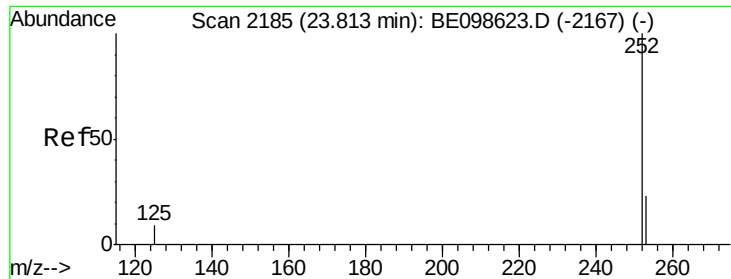
Tot Ion:252 Resp: 8520
Ion Ratio Lower Upper
252 100
253 24.1 19.4 29.0
125 10.4 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE098644.D
Acq: 16 Jan 2019 22:42

Tgt Ion:252 Resp: 9230
Ion Ratio Lower Upper
252 100
253 23.9 19.0 28.4
125 7.6 7.0 10.4





#37

Benzo(a)pyrene

Concen: 0.374 ng

RT: 23.81 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

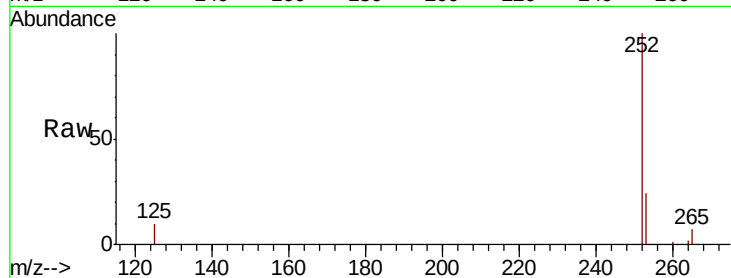
Tot Ion:252 Resp: 8306

Ion Ratio Lower Upper

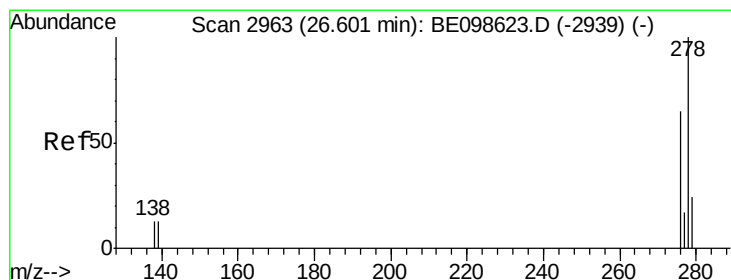
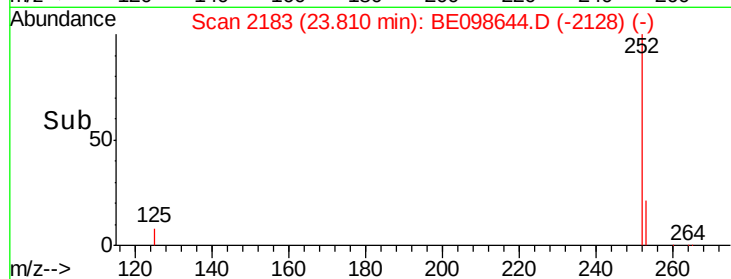
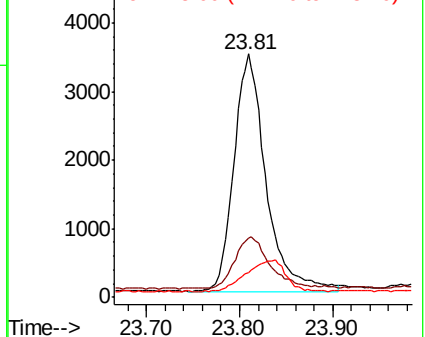
252 100

253 24.3 21.0 31.4

125 10.2 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: 0.393 ng

RT: 26.59 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BE098644.D

Acq: 16 Jan 2019 22:42

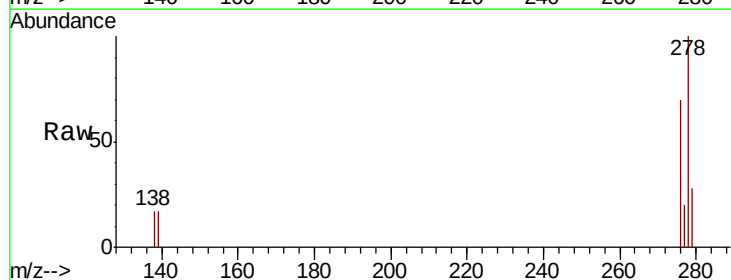
Tgt Ion:278 Resp: 7728

Ion Ratio Lower Upper

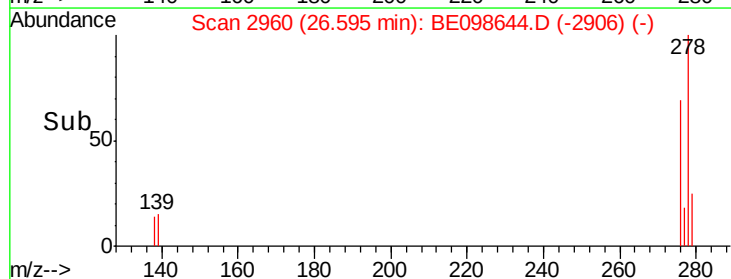
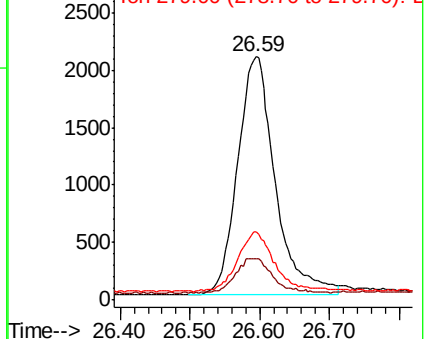
278 100

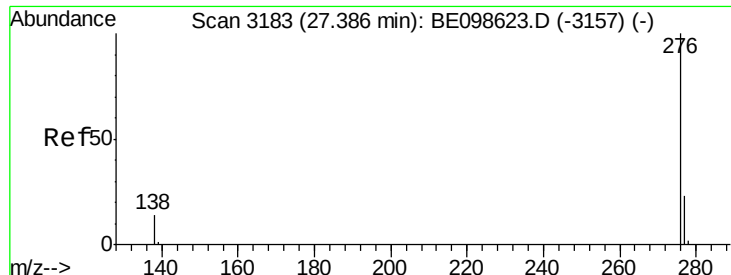
139 17.2 12.7 19.1

279 27.9 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: 0.376 ng

RT: 27.38 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BE098644.D

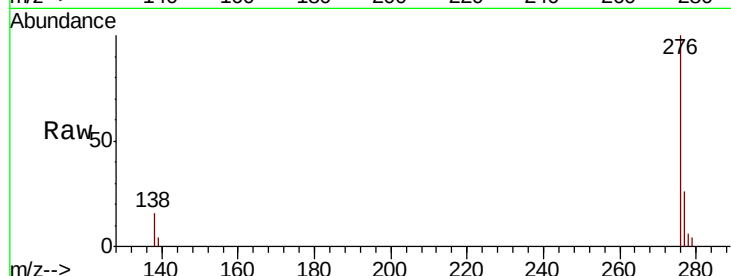
Acq: 16 Jan 2019 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 8110

Ion Ratio Lower Upper

276 100

277 25.5 20.3 30.5

138 16.2 13.3 19.9

