

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011619\
 Data File : BE098636.D
 Acq On : 16 Jan 2019 16:11
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jan 16 16:44:35 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	1030	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4628	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3223	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7627	0.40	ng	0.00
27) Chrysene-d12	21.41	240	8746	0.40	ng	0.00
34) Perylene-d12	23.93	264	8335	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1101	0.40	ng	0.00
5) Phenol-d6	7.00	99	1603	0.41	ng	0.00
8) Nitrobenzene-d5	8.96	82	1645	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	3048	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	560	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4701	0.36	ng	0.01
25) Fluoranthene-d10	19.26	212	34964	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	7096	0.37	ng	0.00

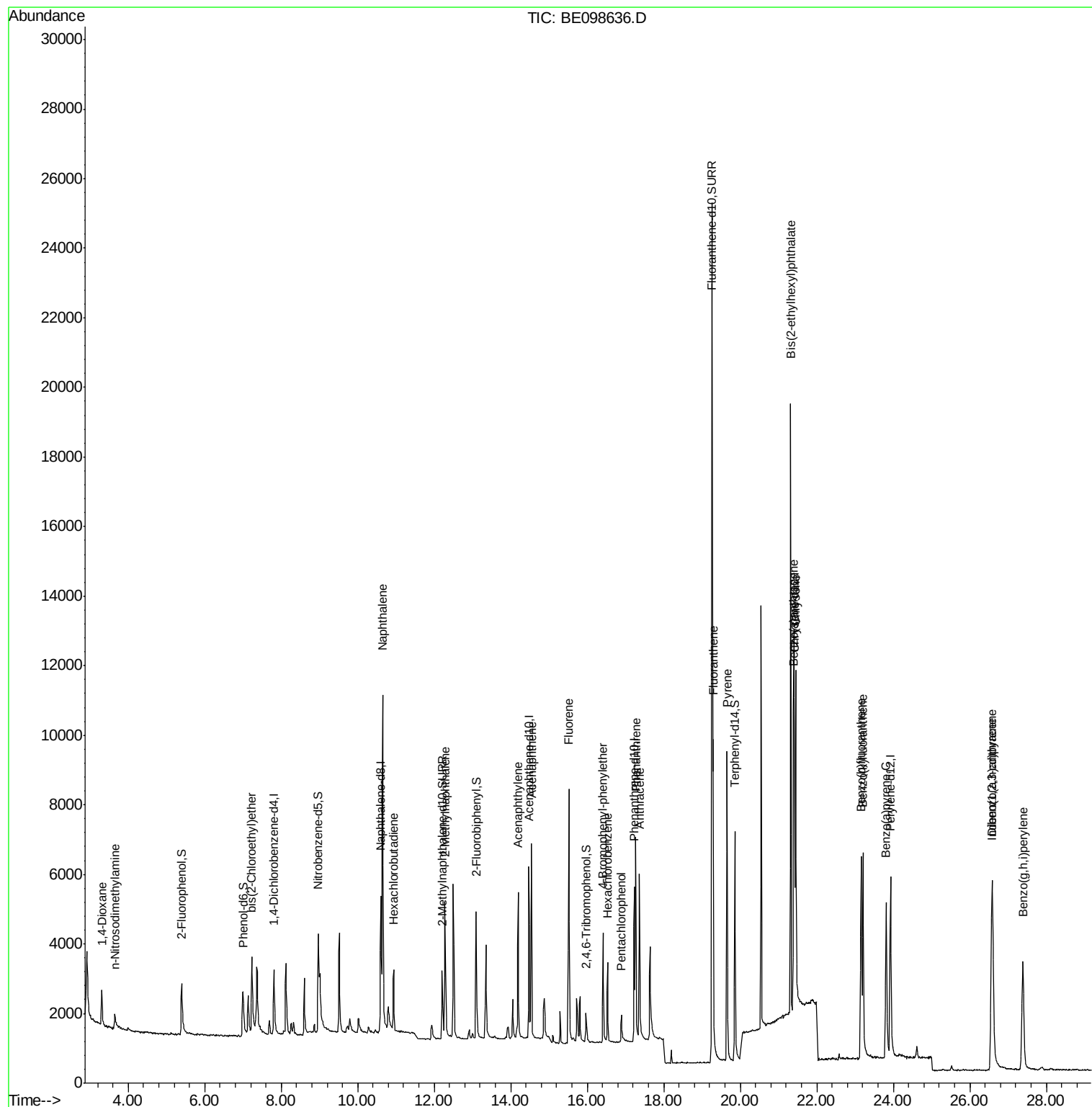
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	688	0.356	ng	97
3) n-Nitrosodimethylamine	3.65	42	596	0.400	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	1115	0.377	ng	98
9) Naphthalene	10.65	128	17810	0.386	ng	100
10) Hexachlorobutadiene	10.94	225	1297	0.393	ng	96
12) 2-Methylnaphthalene	12.28	142	2990	0.391	ng	98
16) Acenaphthylene	14.20	152	5135	0.368	ng	99
17) Acenaphthene	14.54	154	3226	0.368	ng	99
18) Fluorene	15.52	166	4264	0.374	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1524	0.377	ng	92
21) Hexachlorobenzene	16.53	284	1807	0.371	ng	96
22) Pentachlorophenol	16.89	266	584	0.493	ng	96
23) Phenanthrene	17.27	178	6683	0.370	ng	99
24) Anthracene	17.36	178	5715	0.369	ng	98
26) Fluoranthene	19.29	202	8627	0.371	ng	99
28) Pyrene	19.65	202	8965	0.372	ng	99
30) Benzo(a)anthracene	21.39	228	8727	0.371	ng	99
31) Chrysene	21.45	228	9082	0.373	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	18568	0.372	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	9666	0.385	ng	100
35) Benzo(b)fluoranthene	23.16	252	8366	0.368	ng	99
36) Benzo(k)fluoranthene	23.21	252	9384	0.378	ng	99
37) Benzo(a)pyrene	23.81	252	8417	0.377	ng	96
38) Dibenzo(a,h)anthracene	26.59	278	7793	0.394	ng	98
39) Benzo(g,h,i)perylene	27.39	276	8141	0.376	ng	98

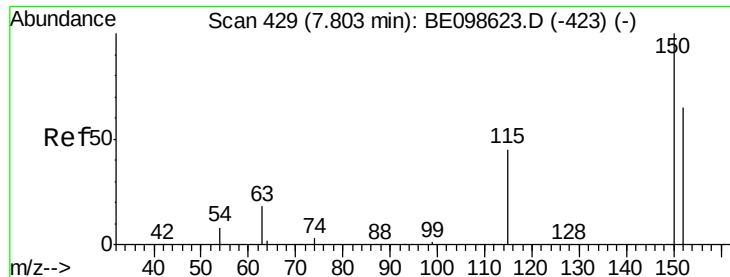
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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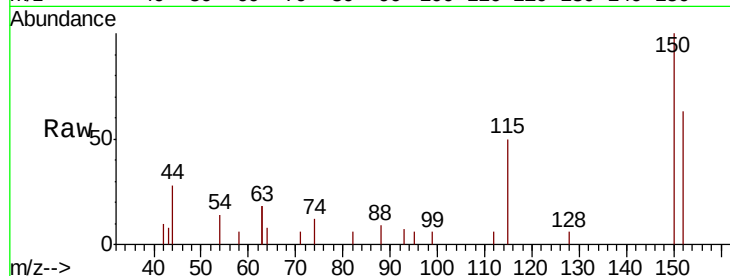


#1

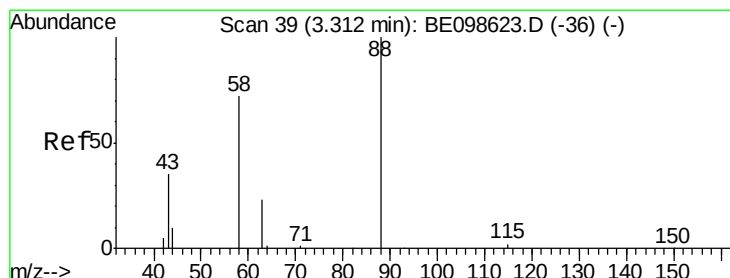
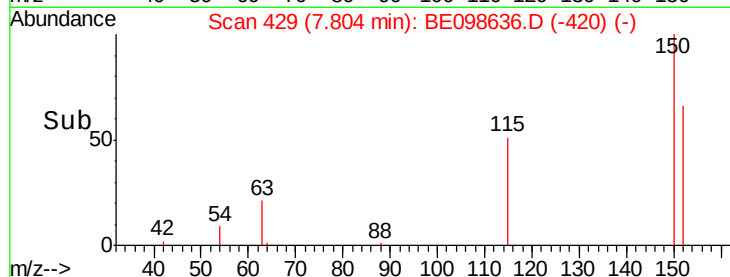
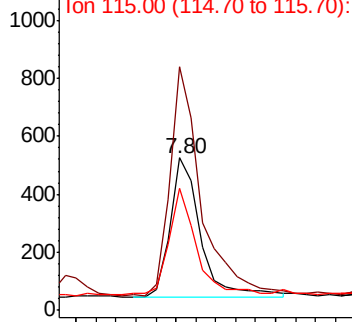
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 1030
Ion Ratio Lower Upper
152 100
150 159.5 121.4 182.2
115 80.2 59.1 88.7



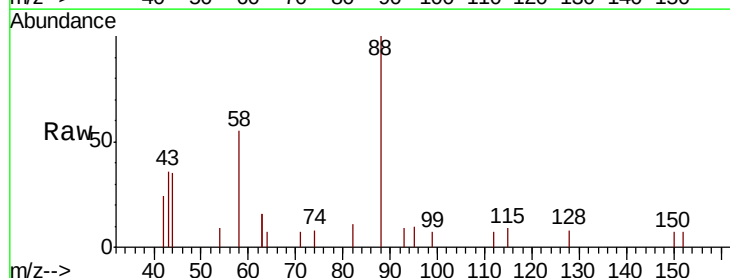
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



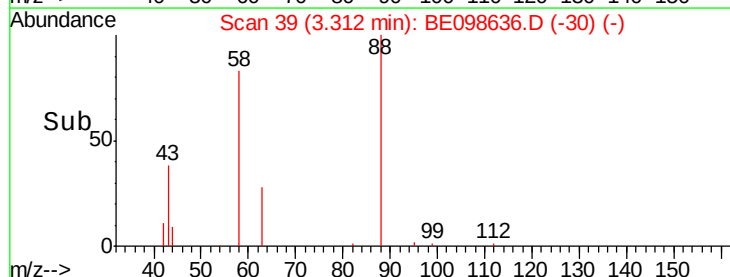
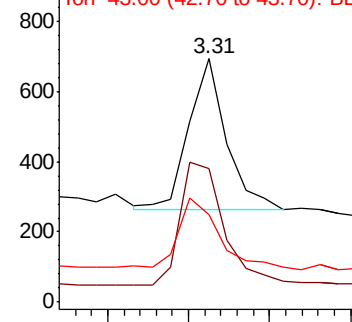
#2

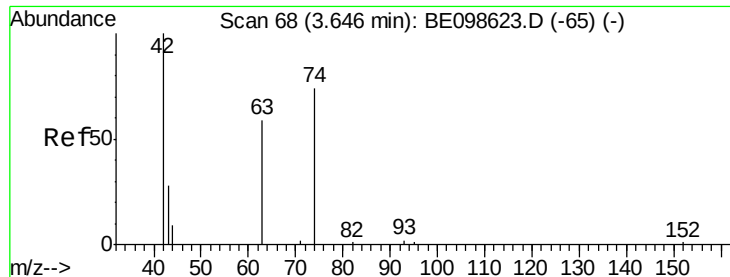
1,4-Dioxane
Concen: 0.356 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion: 88 Resp: 688
Ion Ratio Lower Upper
88 100
58 96.4 73.9 110.9
43 54.9 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



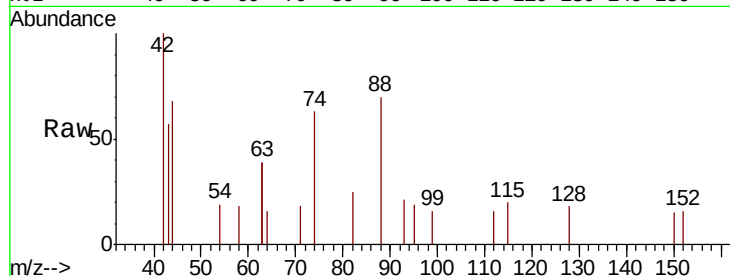


#3

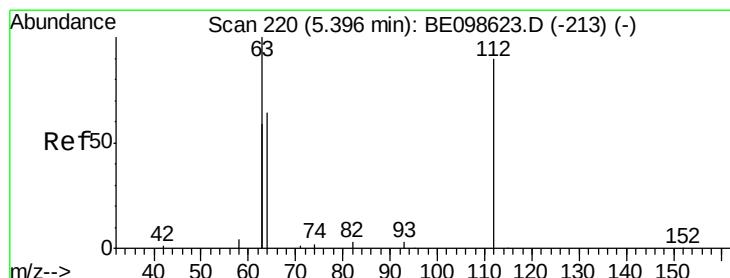
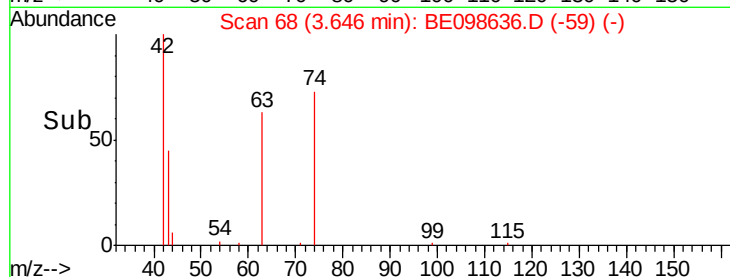
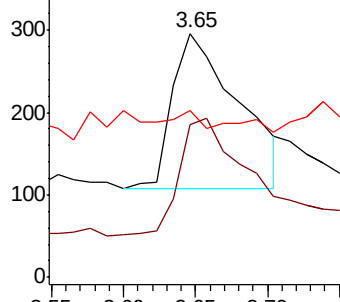
n-Nitrosodimethylamine
 Concen: 0.400 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BE098636.D
 Acq: 16 Jan 2019 16:11

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 596
 Ion Ratio Lower Upper
 42 100
 74 73.3 58.9 88.3
 44 0.0 0.0 0.0



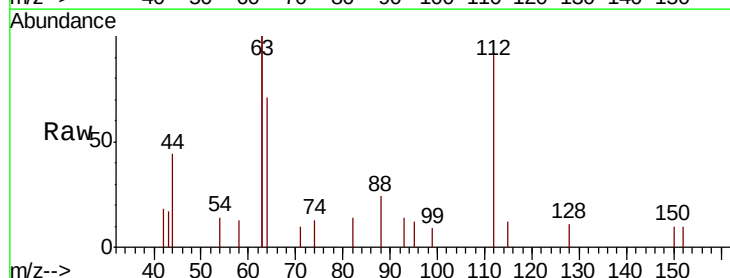
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



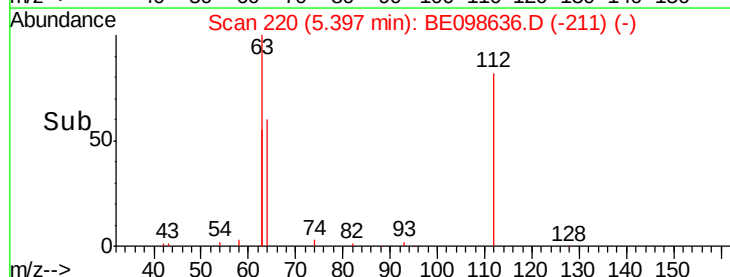
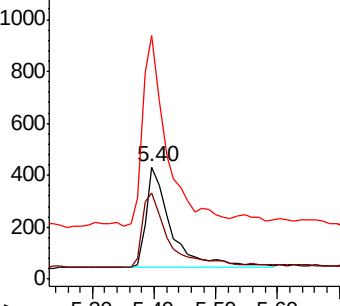
#4

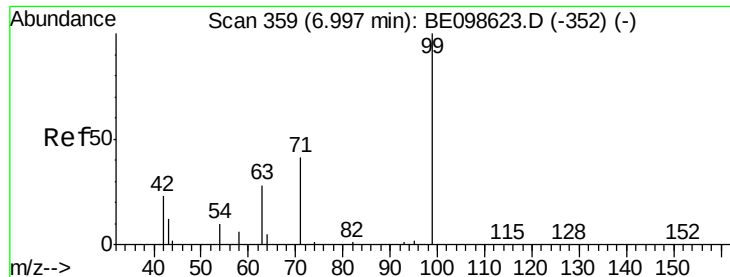
2-Fluorophenol
 Concen: 0.401 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: BE098636.D
 Acq: 16 Jan 2019 16:11

Tgt Ion: 112 Resp: 1101
 Ion Ratio Lower Upper
 112 100
 64 77.1 62.9 94.3
 63 183.7 152.2 228.4



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: 0.410 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

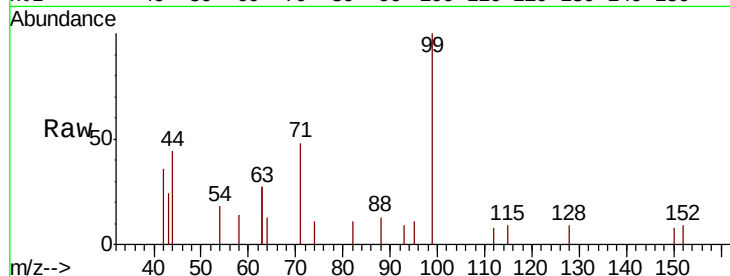
Tot Ion: 99 Resp: 1603

Ion Ratio Lower Upper

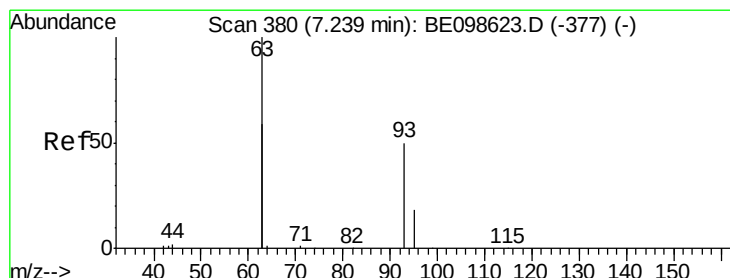
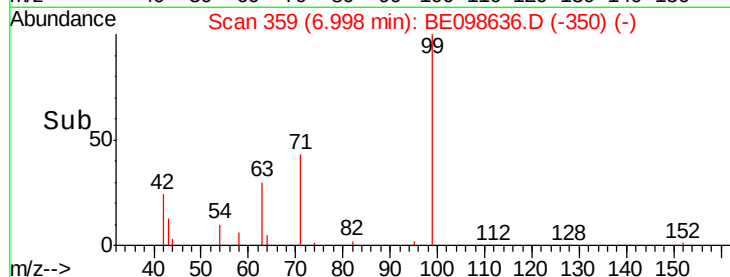
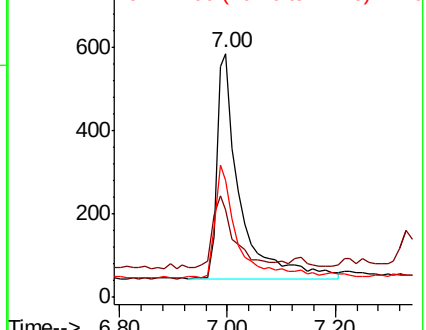
99 100

42 31.2 24.6 37.0

71 48.8 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: 0.377 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

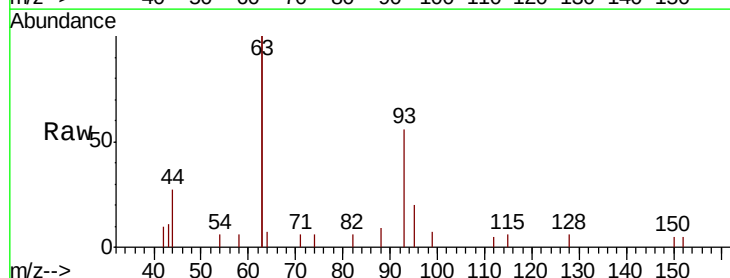
Tgt Ion: 93 Resp: 1115

Ion Ratio Lower Upper

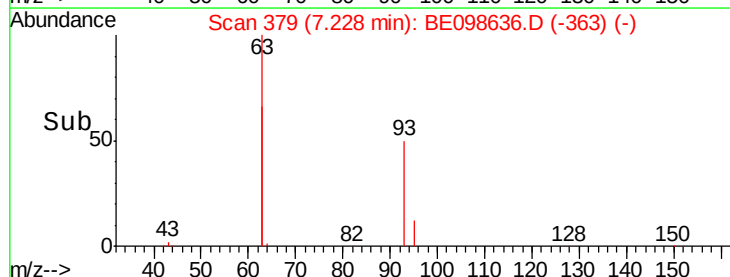
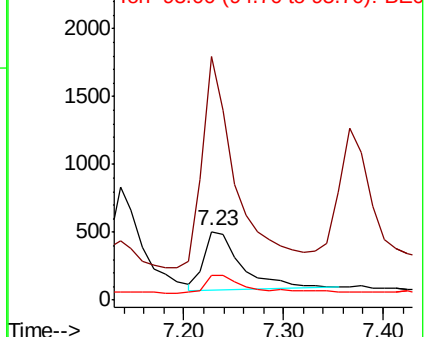
93 100

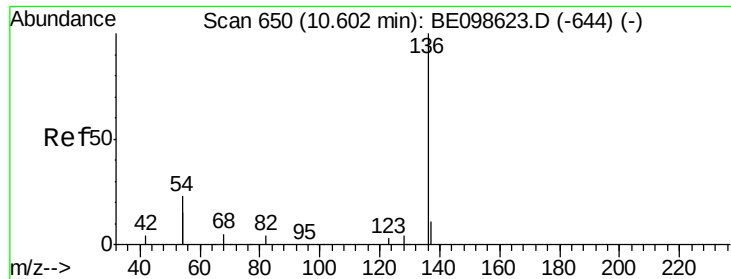
63 329.2 267.3 400.9

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: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4628

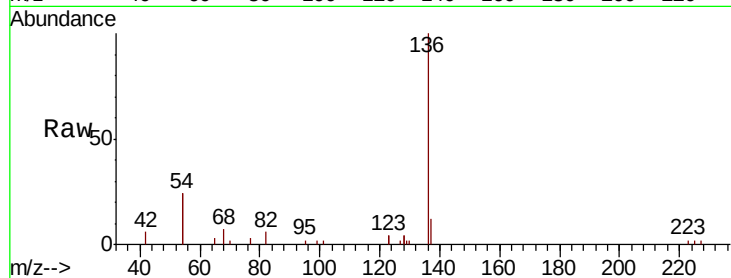
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 48.3 35.5 53.3

68 7.4 5.0 7.6

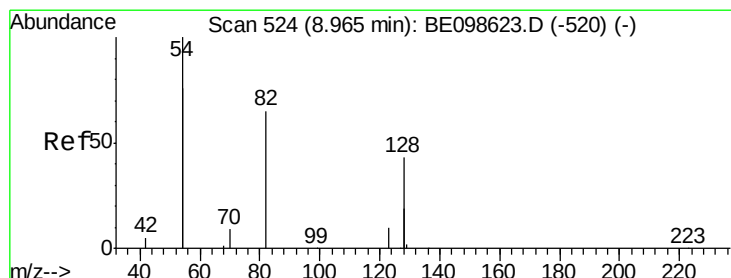
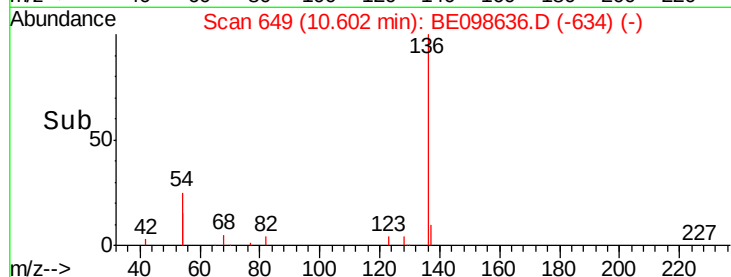
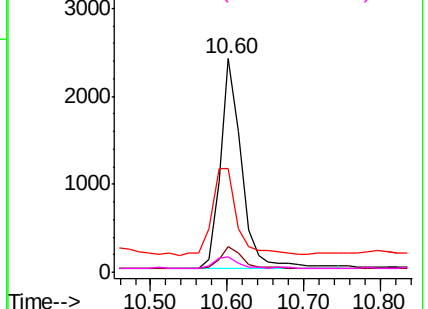


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.448 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

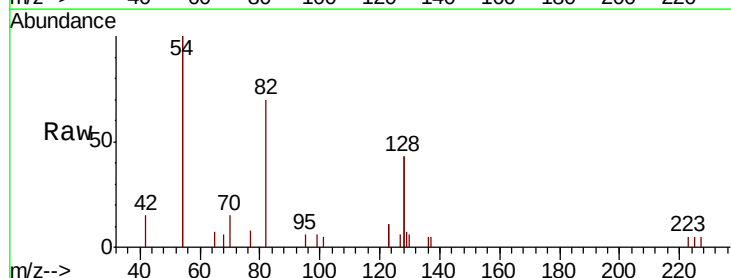
Tgt Ion: 82 Resp: 1645

Ion Ratio Lower Upper

82 100

128 123.5 96.5 144.7

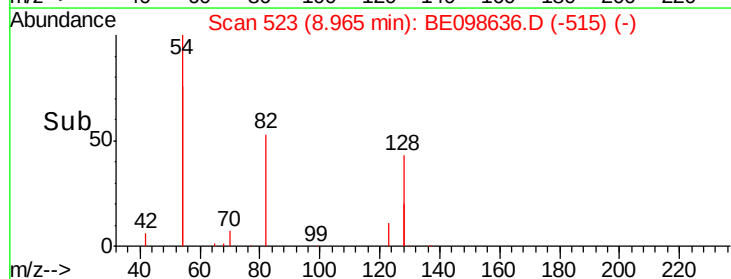
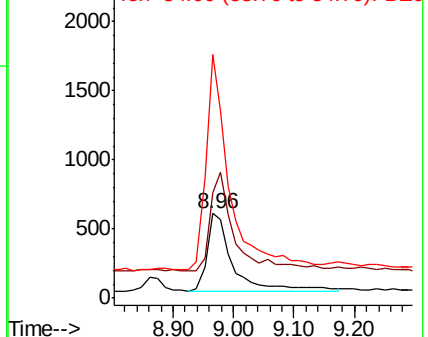
54 287.0 224.7 337.1

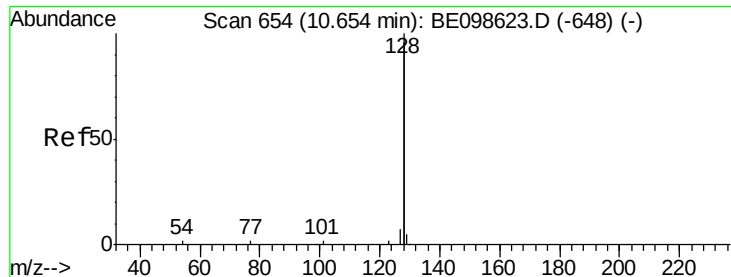


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.386 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

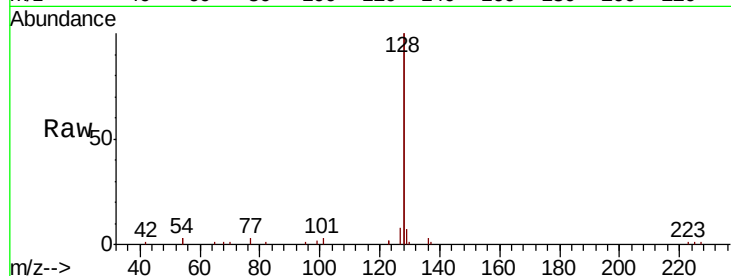
Tot Ion:128 Resp: 17810

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

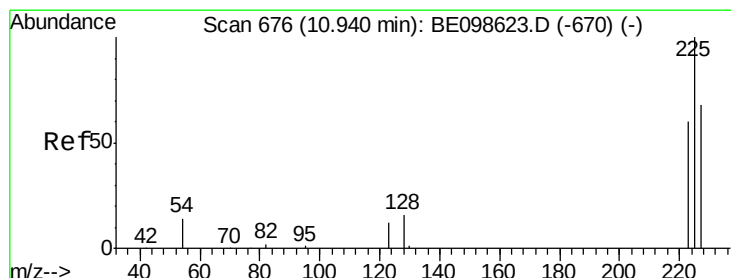
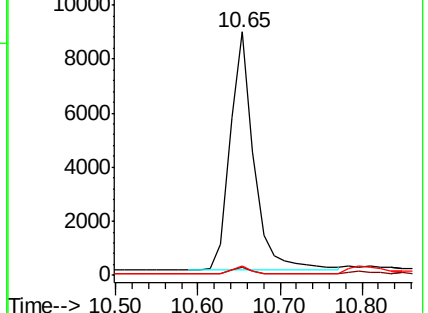
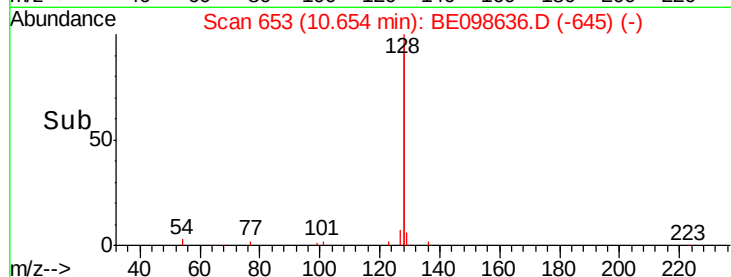
127 3.8 3.0 4.6



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: 0.393 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

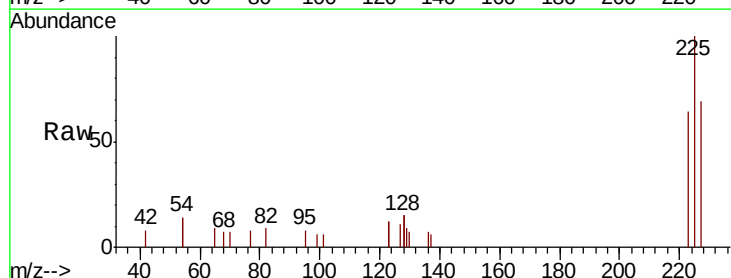
Tgt Ion:225 Resp: 1297

Ion Ratio Lower Upper

225 100

223 63.0 47.8 71.8

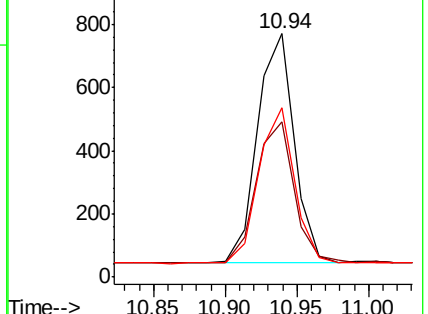
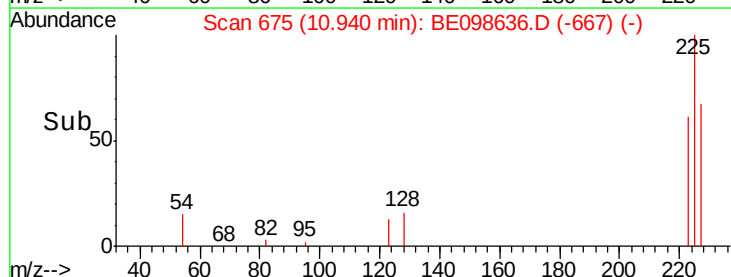
227 66.6 50.5 75.7

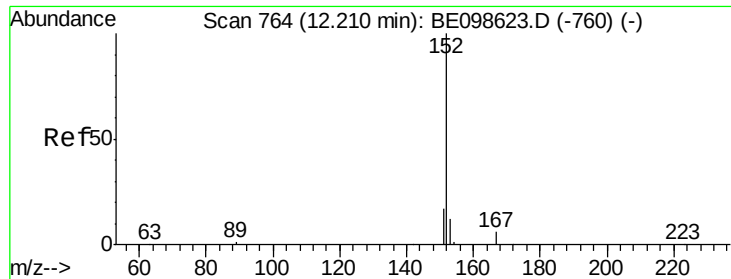


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

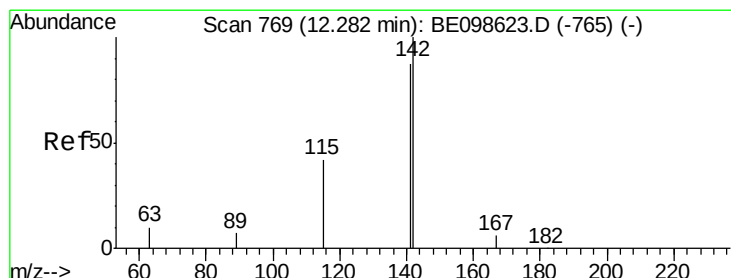
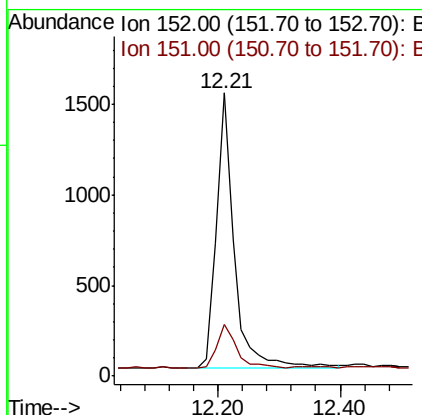
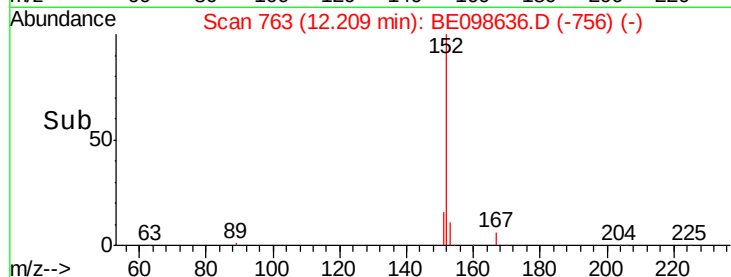
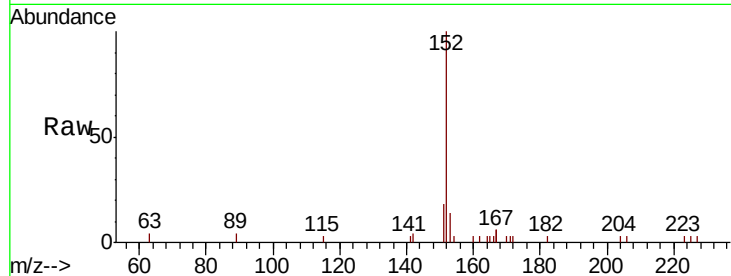




#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

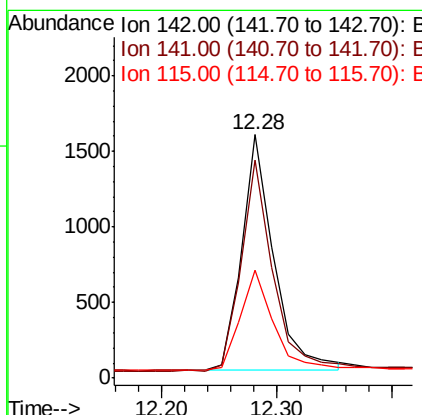
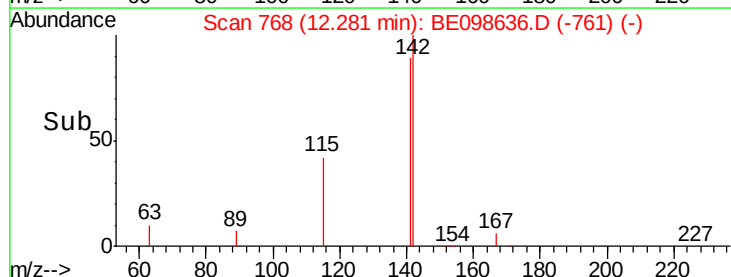
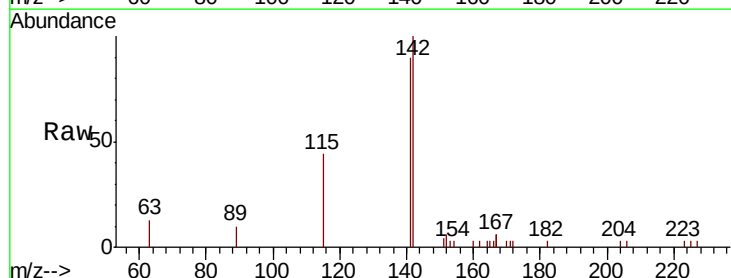
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

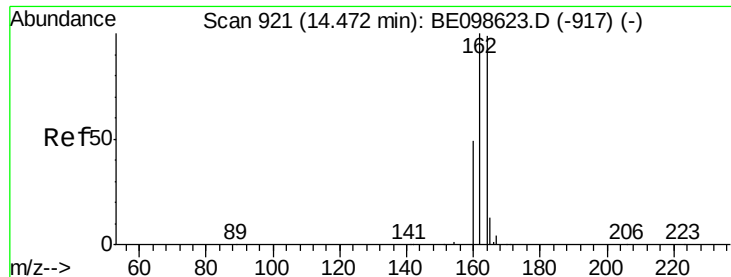
Tot Ion:152 Resp: 3048
Ion Ratio Lower Upper
152 100
151 17.5 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:142 Resp: 2990
Ion Ratio Lower Upper
142 100
141 89.5 70.0 105.0
115 44.2 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: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

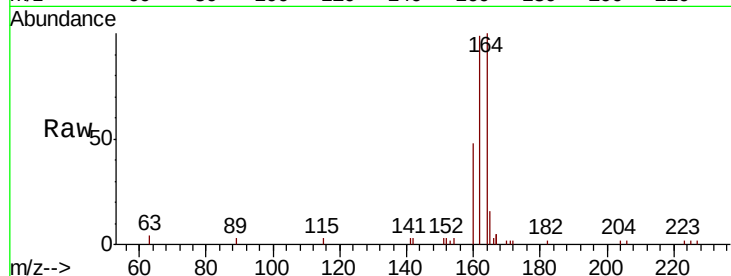
Tot Ion:164 Resp: 3223

Ion Ratio Lower Upper

164 100

162 99.4 80.5 120.7

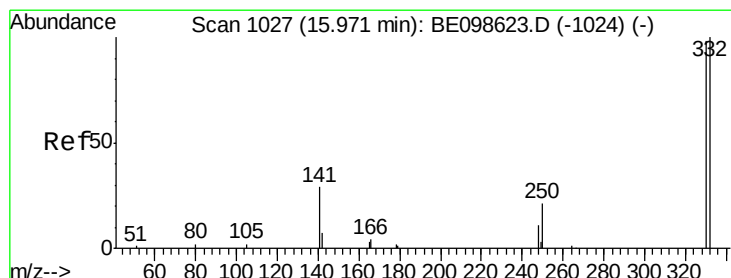
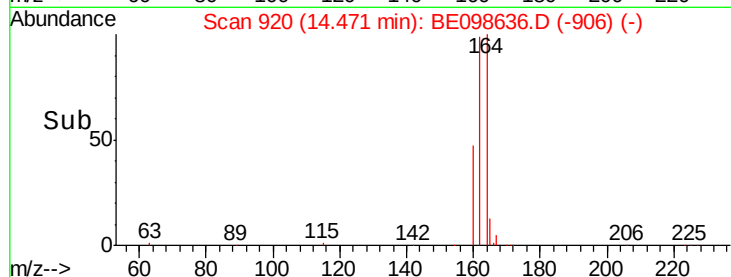
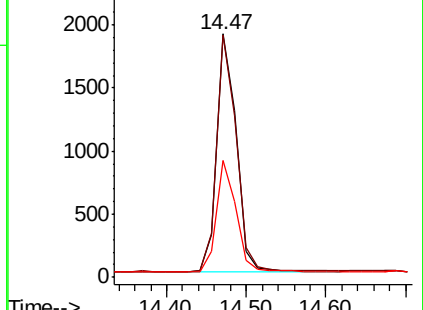
160 47.8 40.1 60.1



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: 0.399 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

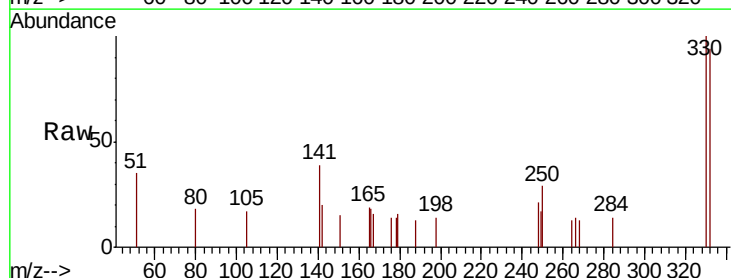
Tgt Ion:330 Resp: 560

Ion Ratio Lower Upper

330 100

332 91.3 73.3 109.9

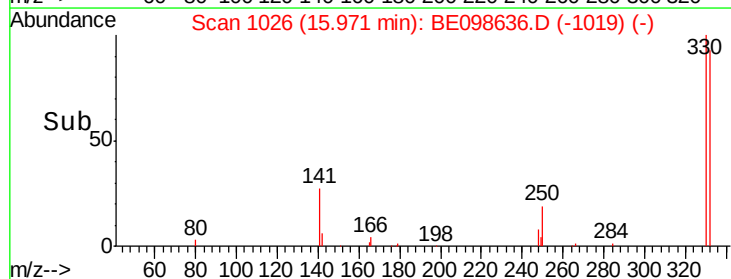
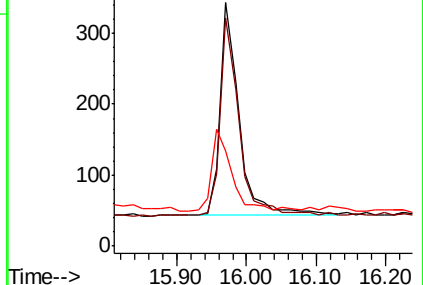
141 41.1 33.1 49.7

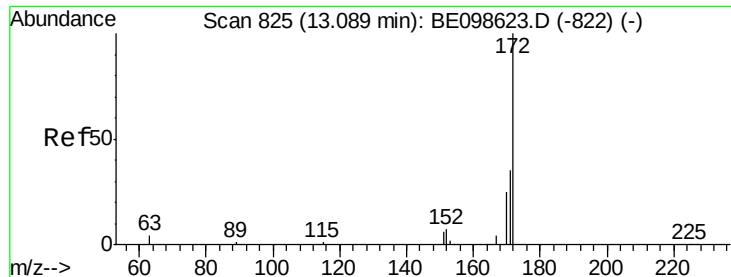


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

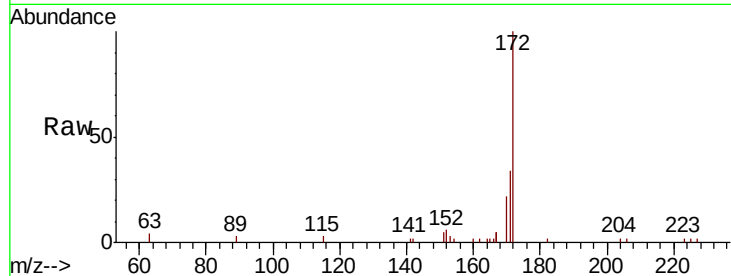




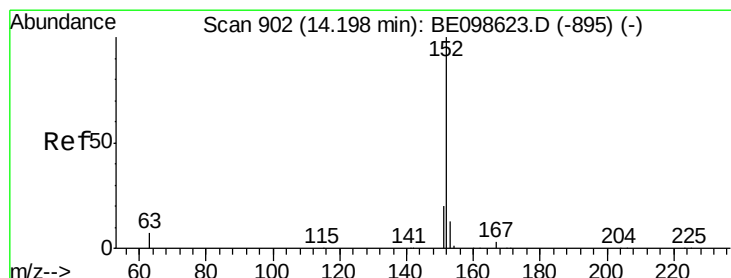
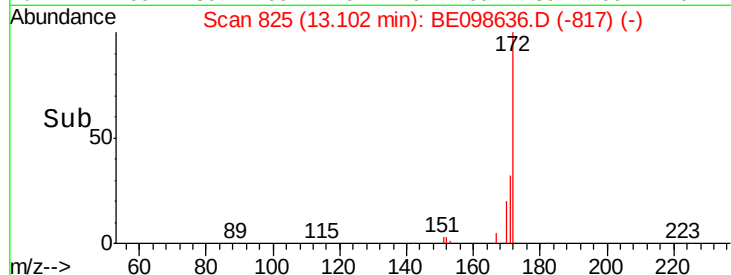
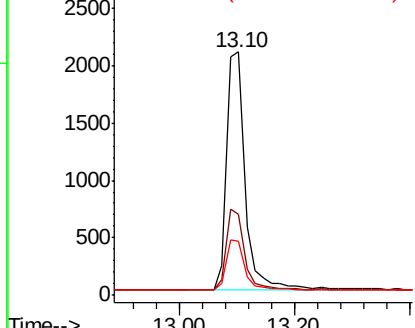
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 4701
Ion Ratio Lower Upper
172 100
171 33.5 29.0 43.4
170 22.0 20.8 31.2

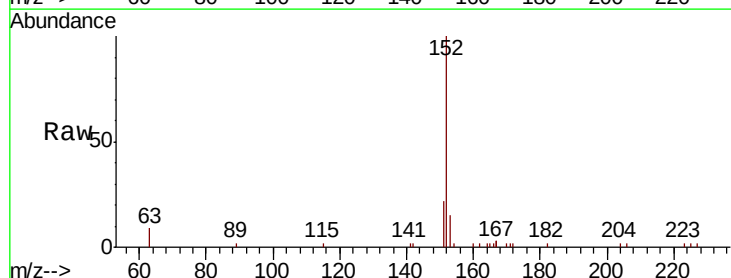


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

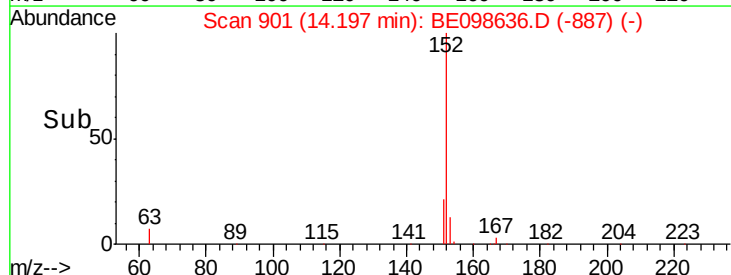
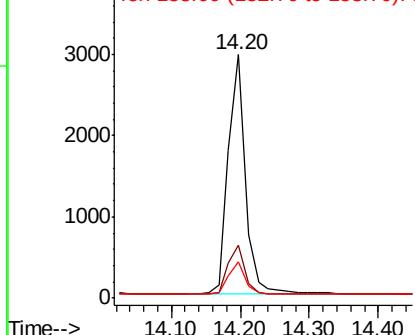


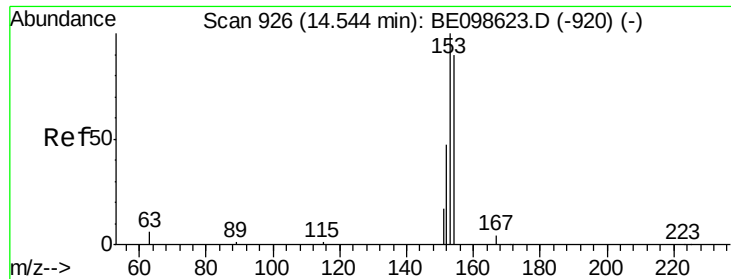
#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:152 Resp: 5135
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 12.7 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

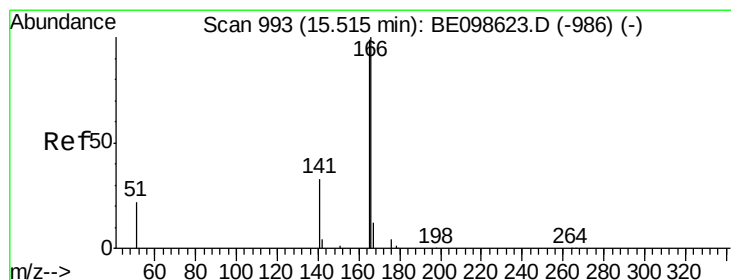
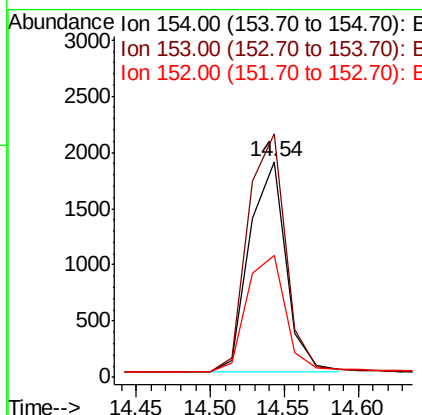
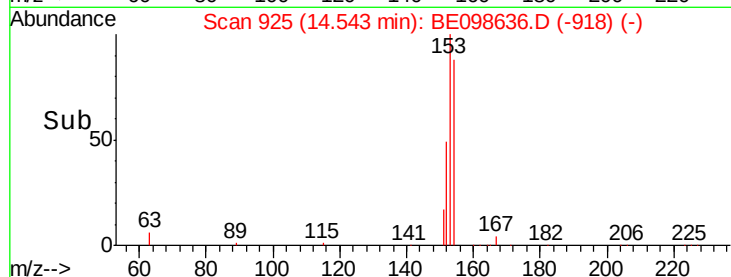
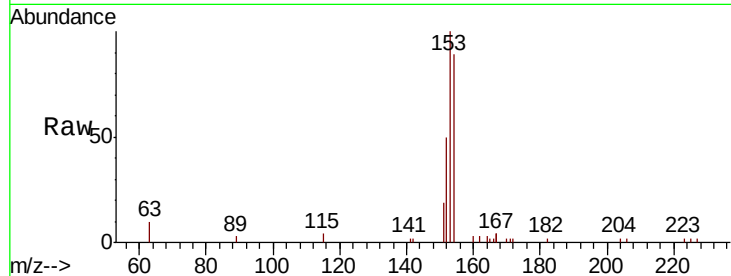




#17
Acenaphthene
Concen: 0.368 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

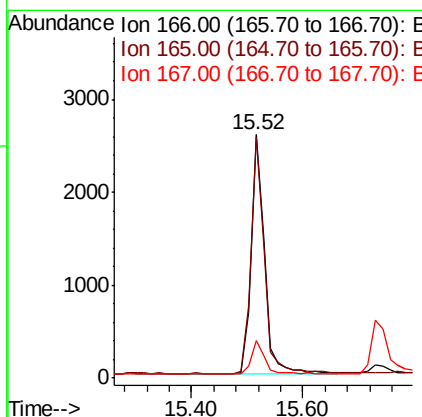
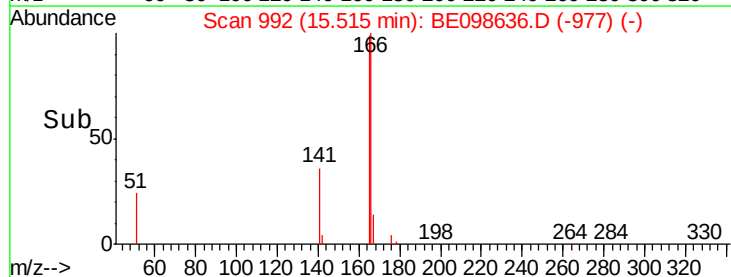
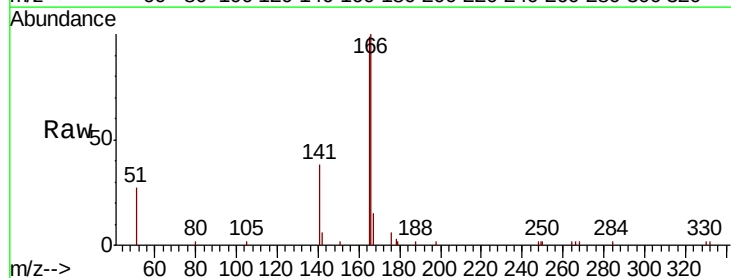
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

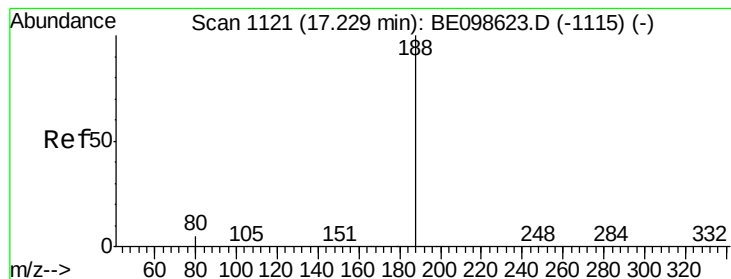
Tot Ion:154 Resp: 3226
Ion Ratio Lower Upper
154 100
153 117.8 93.9 140.9
152 58.9 45.8 68.8



#18
Fluorene
Concen: 0.374 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:166 Resp: 4264
Ion Ratio Lower Upper
166 100
165 97.9 79.3 118.9
167 14.2 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

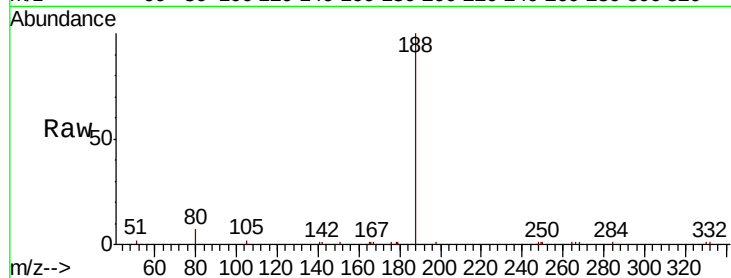
Tot Ion:188 Resp: 7627

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

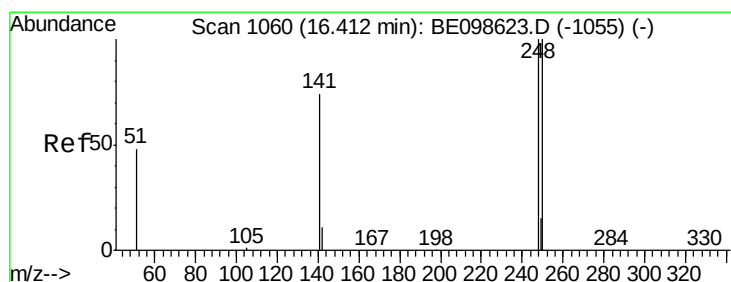
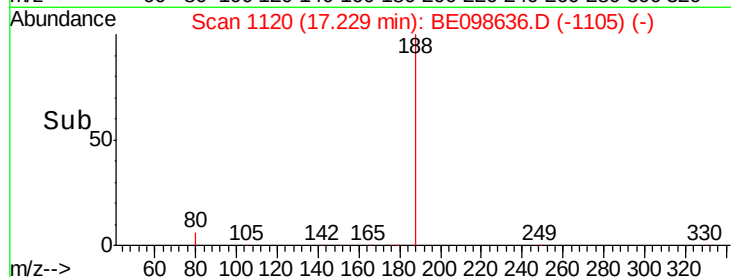
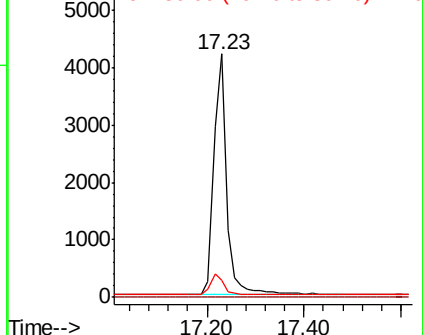
80 6.8 4.7 7.1



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: 0.377 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

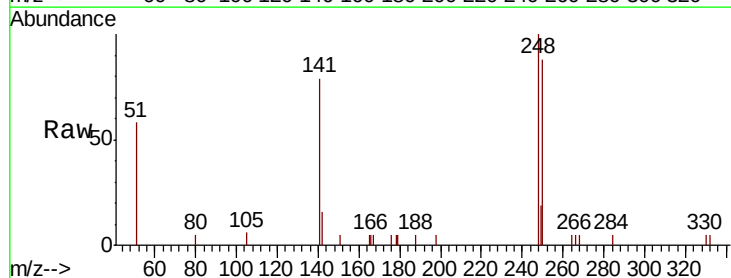
Tgt Ion:248 Resp: 1524

Ion Ratio Lower Upper

248 100

250 88.3 80.2 120.4

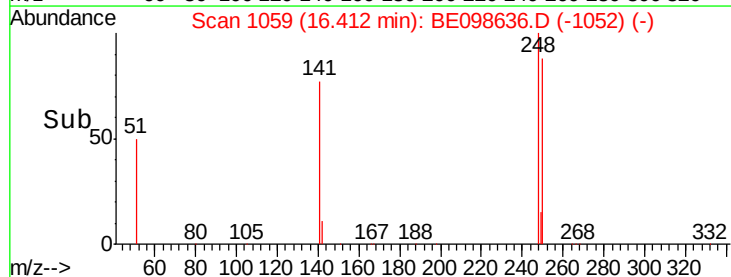
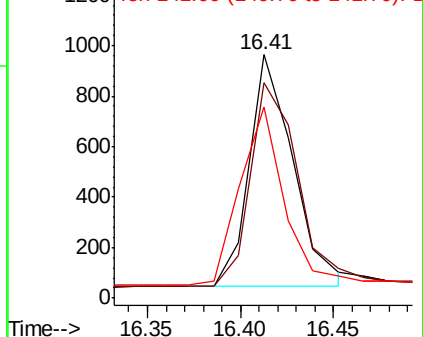
141 78.7 60.5 90.7

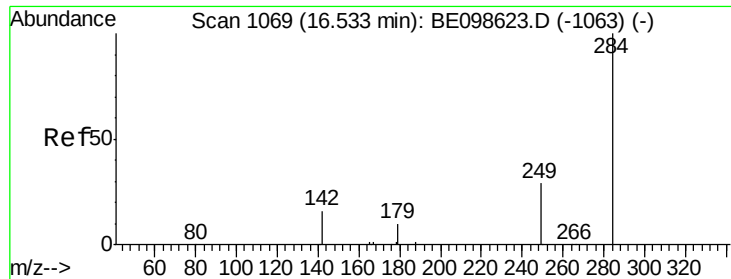


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

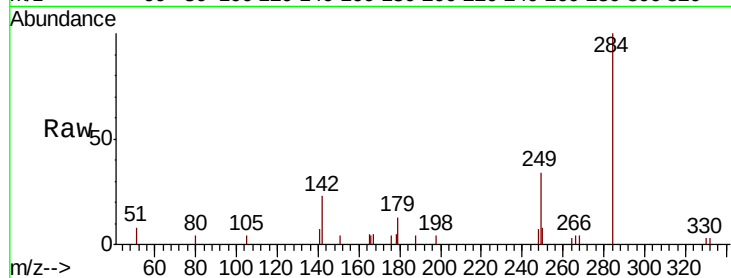




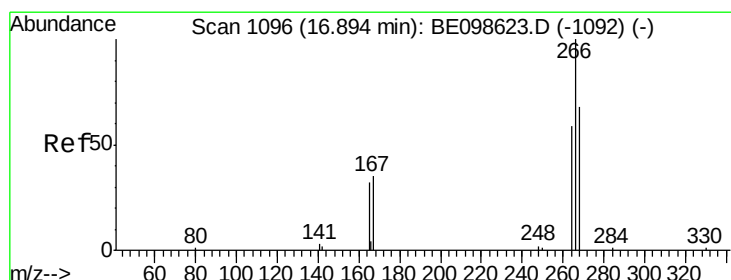
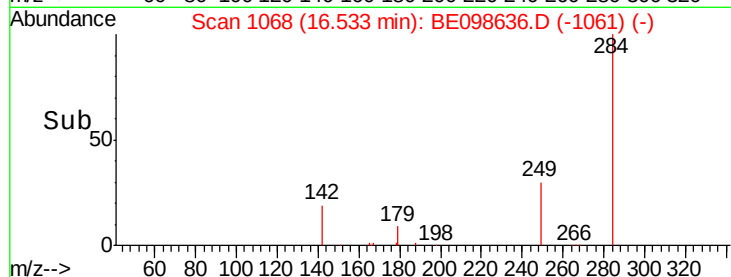
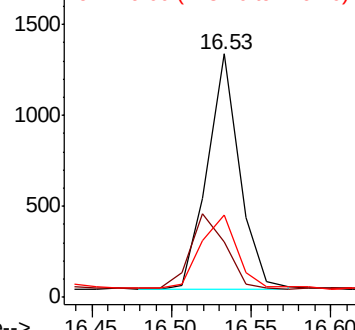
#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 1807
Ion Ratio Lower Upper
284 100
142 35.2 25.5 38.3
249 33.9 26.6 39.8

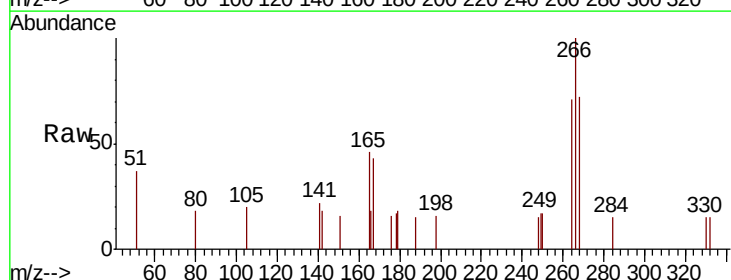


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

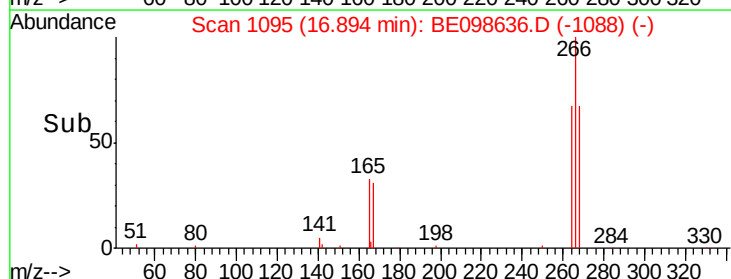
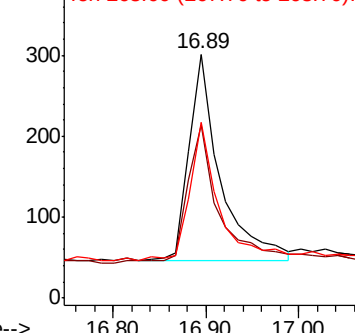


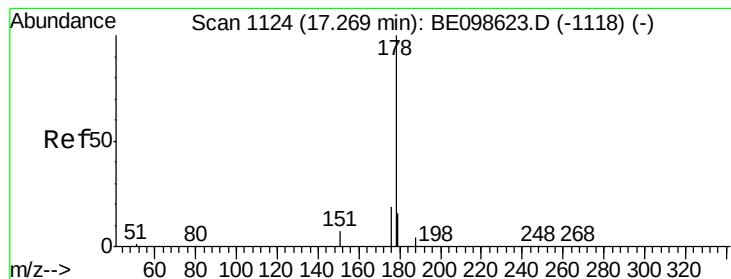
#22
Pentachlorophenol
Concen: 0.493 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:266 Resp: 584
Ion Ratio Lower Upper
266 100
264 71.1 53.7 80.5
268 72.1 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: 0.370 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

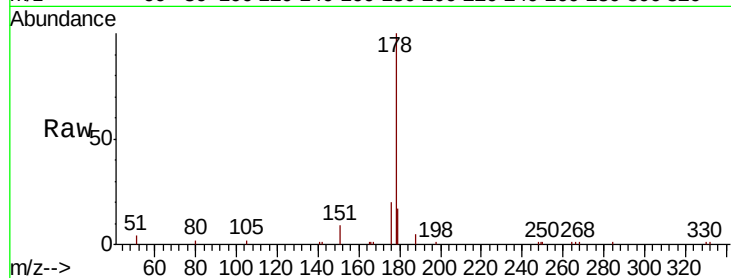
Tot Ion:178 Resp: 6683

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

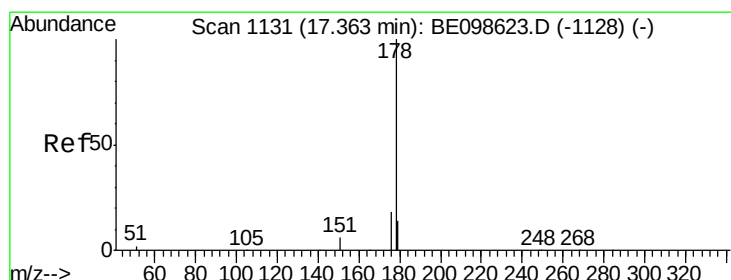
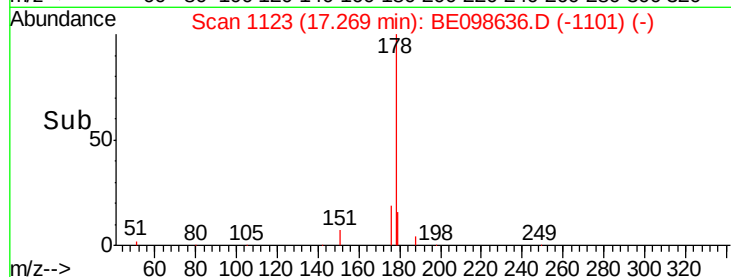
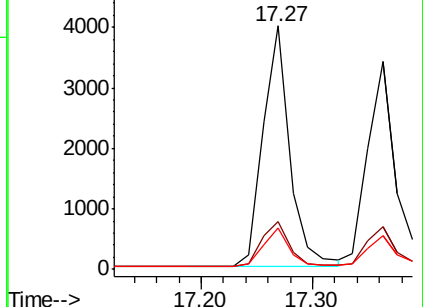
179 15.5 12.2 18.4



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: BE098636.D

Acq: 16 Jan 2019 16:11

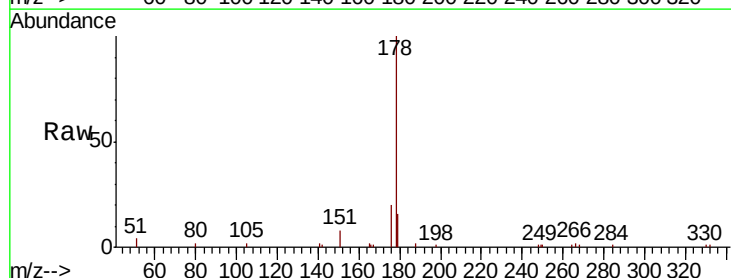
Tgt Ion:178 Resp: 5715

Ion Ratio Lower Upper

178 100

176 19.7 14.9 22.3

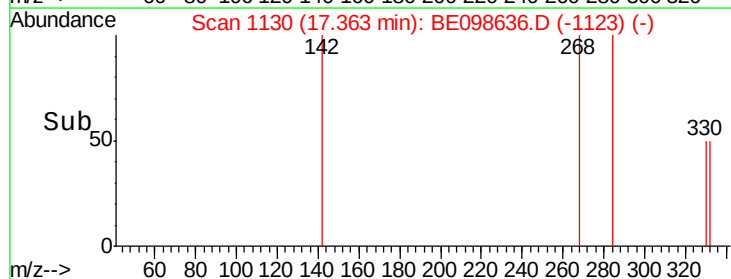
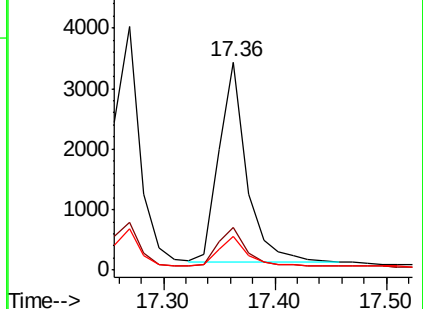
179 15.1 11.8 17.8

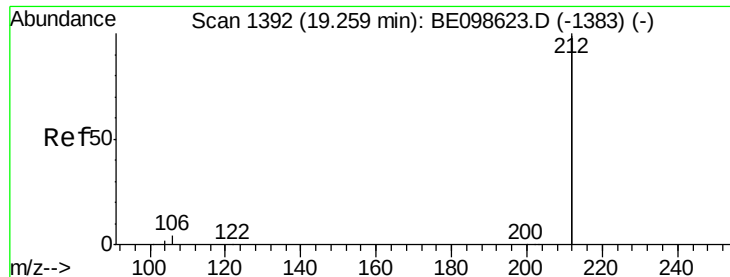


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

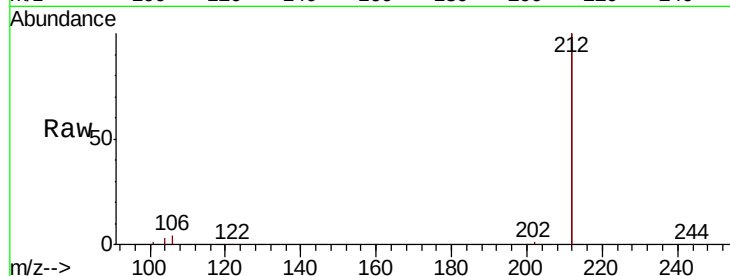
Tot Ion:212 Resp: 34964

Ion Ratio Lower Upper

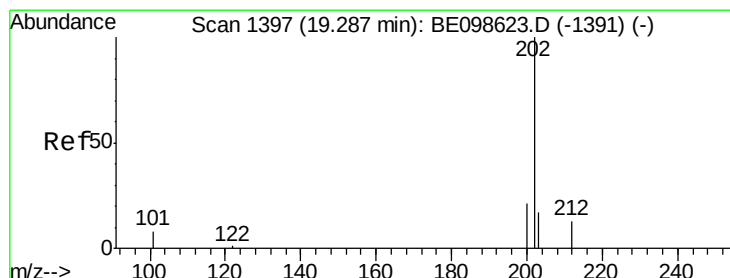
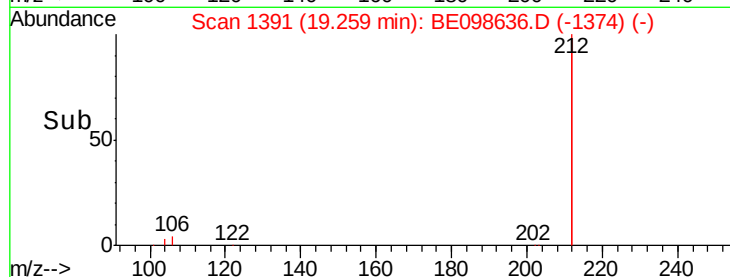
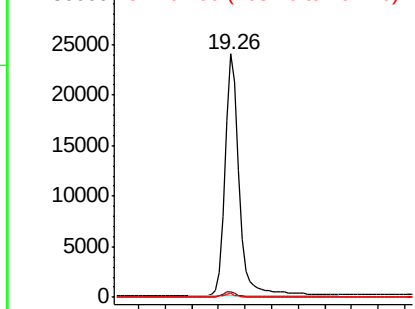
212 100

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: 0.371 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

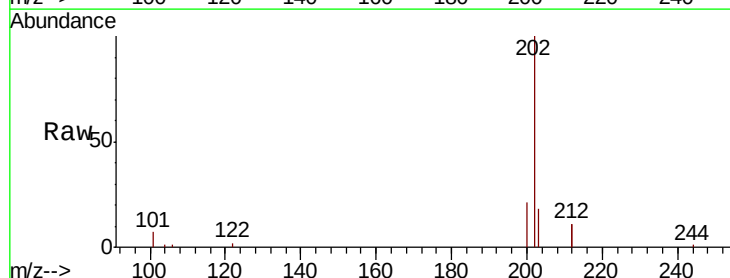
Tgt Ion:202 Resp: 8627

Ion Ratio Lower Upper

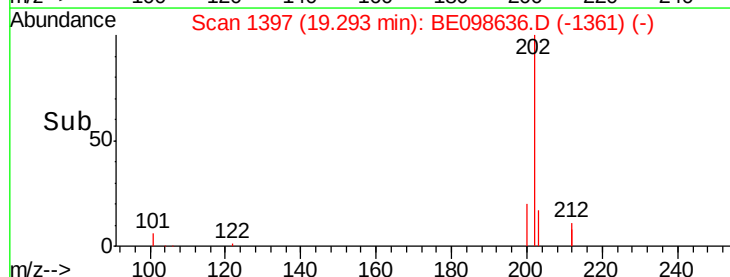
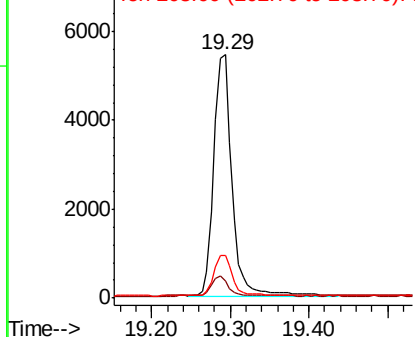
202 100

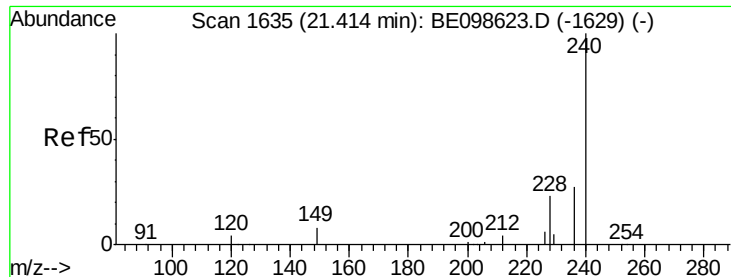
101 7.6 6.7 10.1

203 16.8 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: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

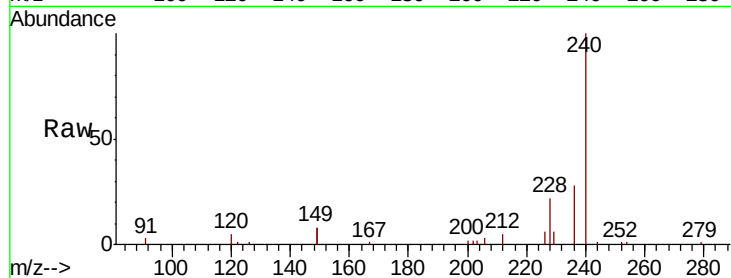
Tot Ion:240 Resp: 8746

Ion Ratio Lower Upper

240 100

120 5.1 4.7 7.1

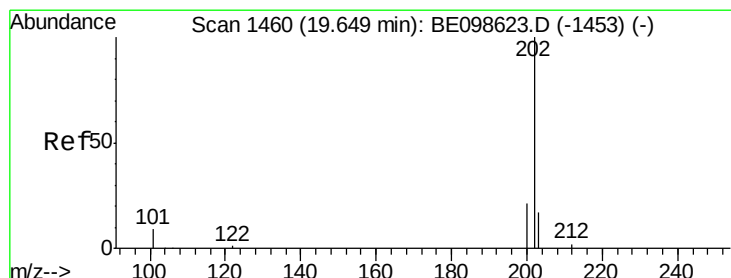
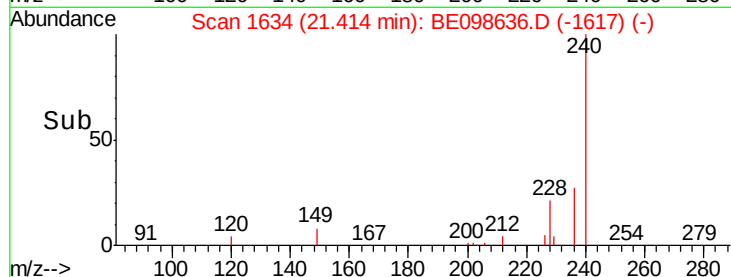
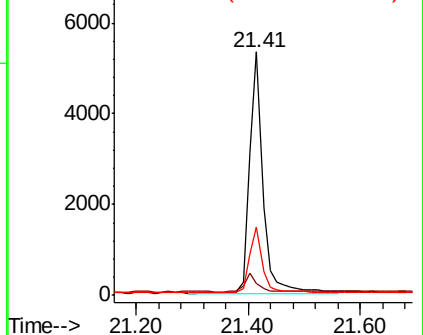
236 28.0 21.9 32.9



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: 0.372 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

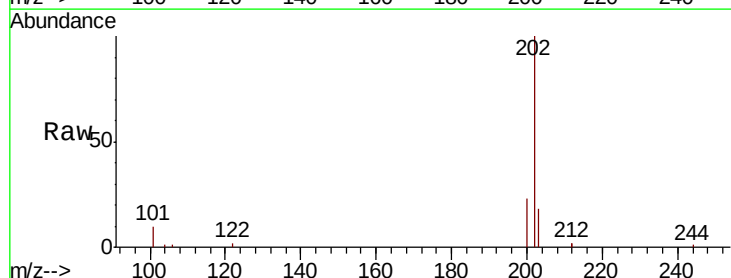
Tgt Ion:202 Resp: 8965

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

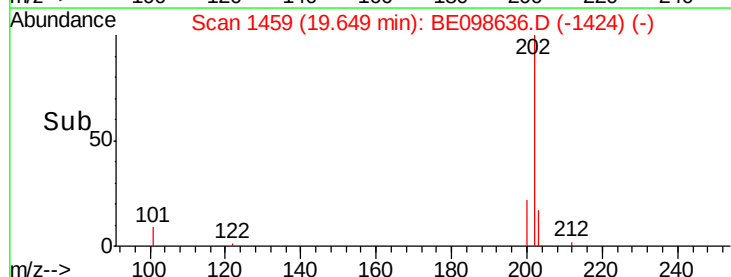
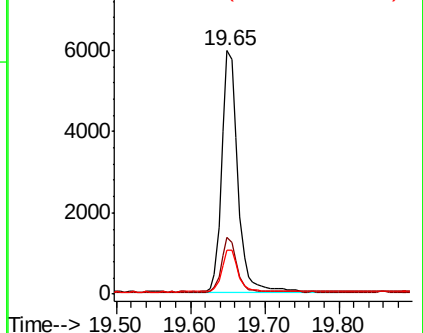
203 17.5 13.8 20.8

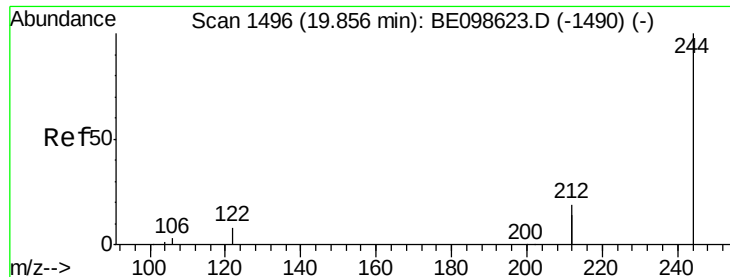


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.367 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

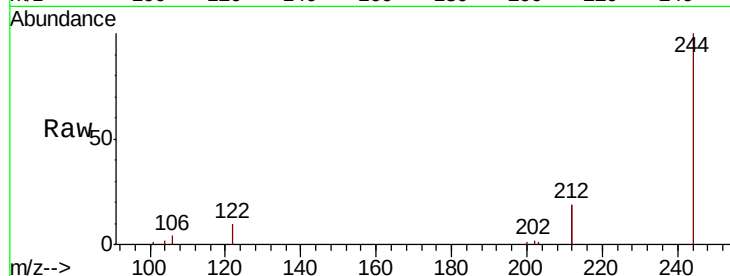
Tot Ion:244 Resp: 7096

Ion Ratio Lower Upper

244 100

212 38.5 29.4 44.2

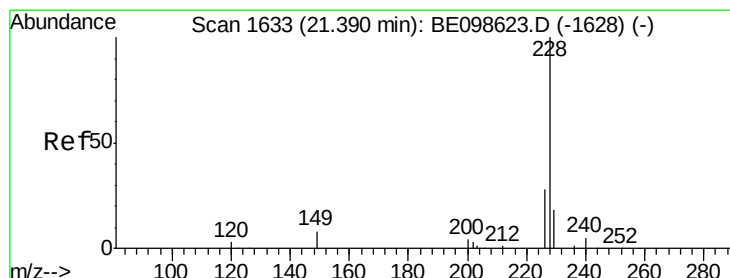
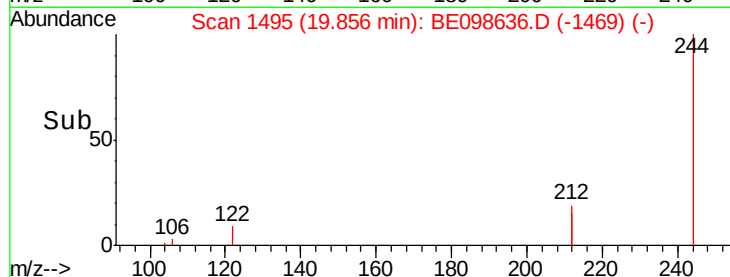
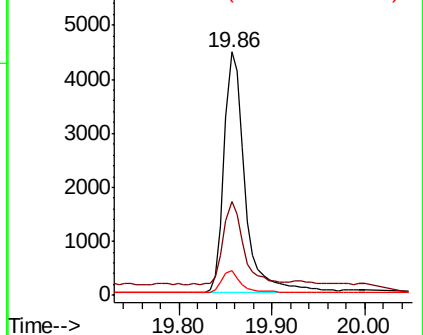
122 10.1 7.1 10.7



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: 0.371 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

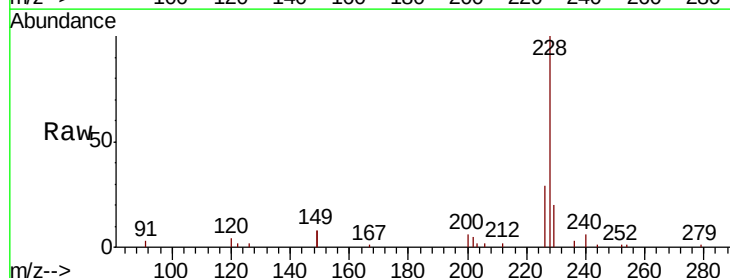
Tgt Ion:228 Resp: 8727

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.4

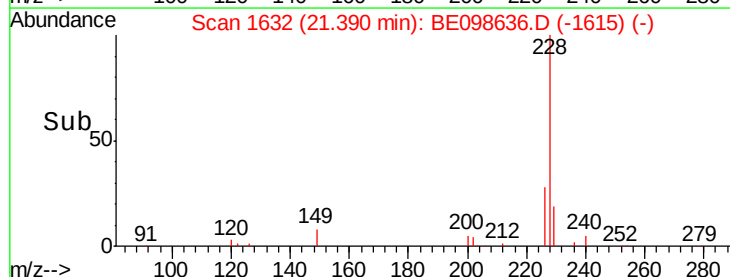
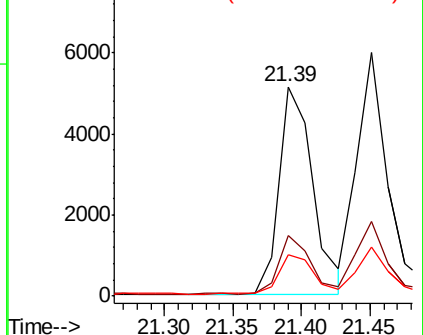
229 20.0 15.0 22.6

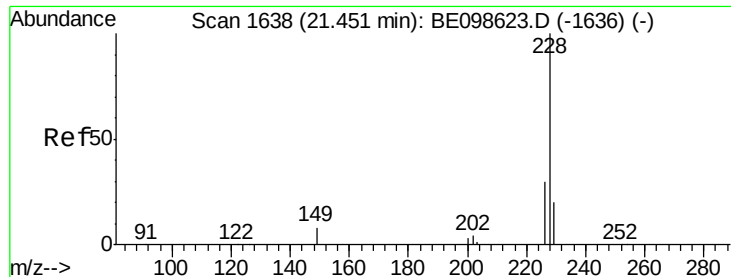


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.373 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

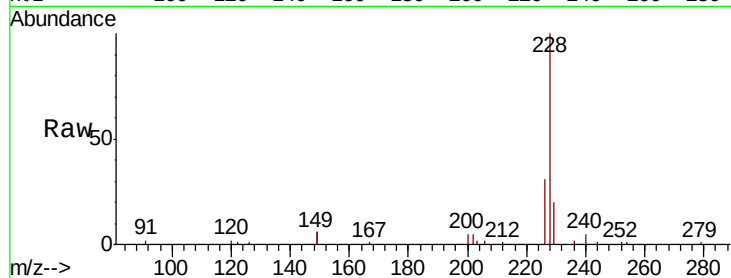
Tot Ion:228 Resp: 9082

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

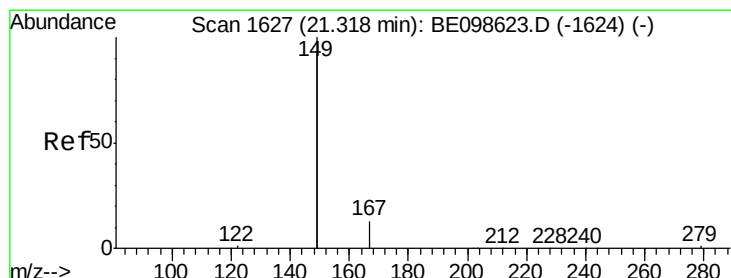
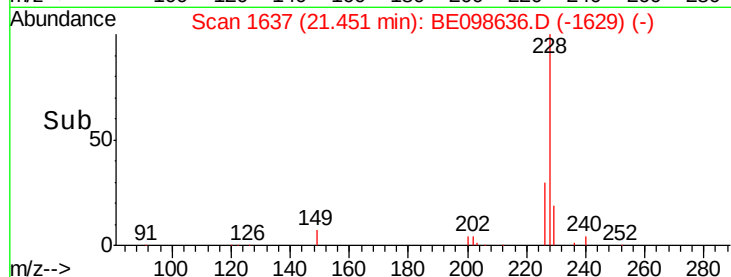
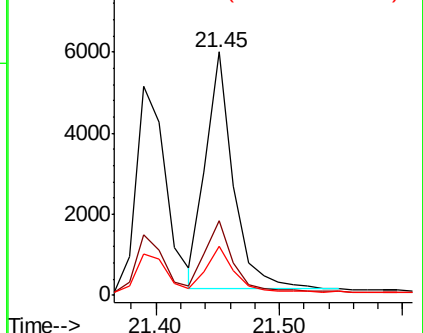
229 20.3 16.4 24.6



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: 0.372 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

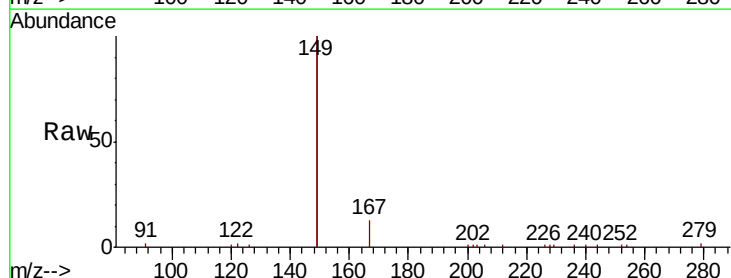
Tgt Ion:149 Resp: 18568

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.2

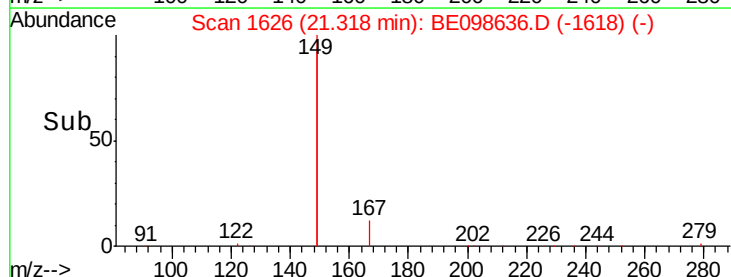
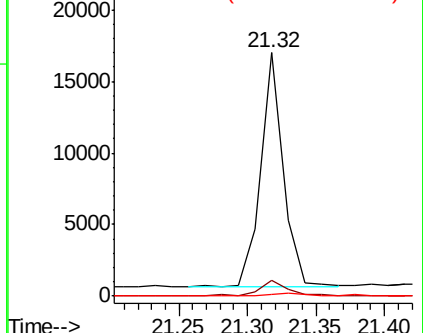
279 1.2 1.0 1.4

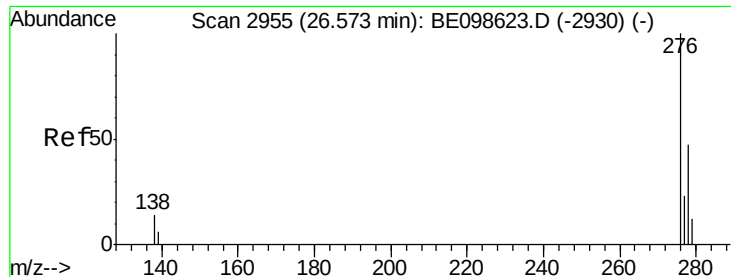


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.385 ng

RT: 26.57 min Scan# 2954

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

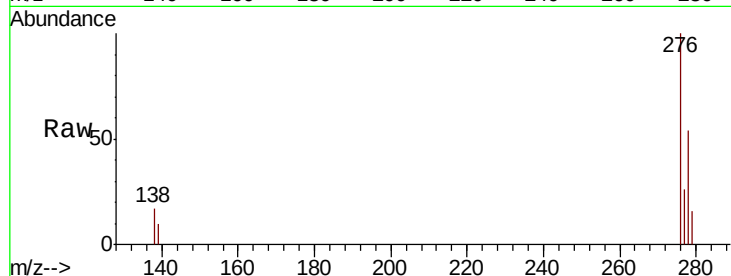
Tot Ion:276 Resp: 9666

Ion Ratio Lower Upper

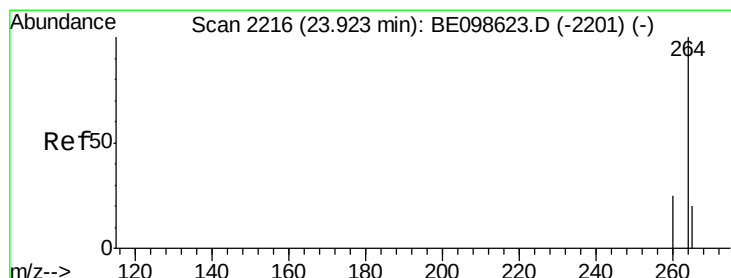
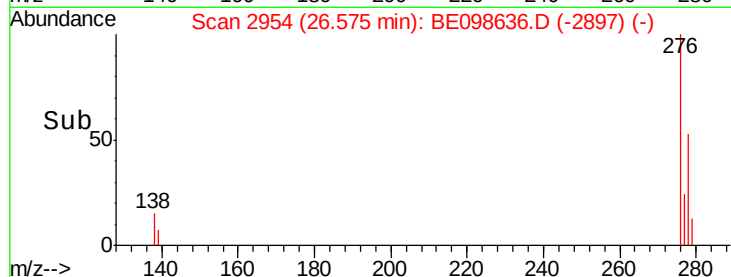
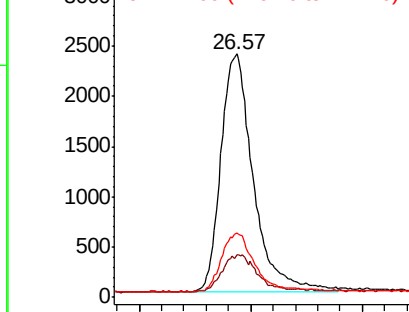
276 100

138 16.5 13.3 19.9

277 24.1 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: 23.93 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

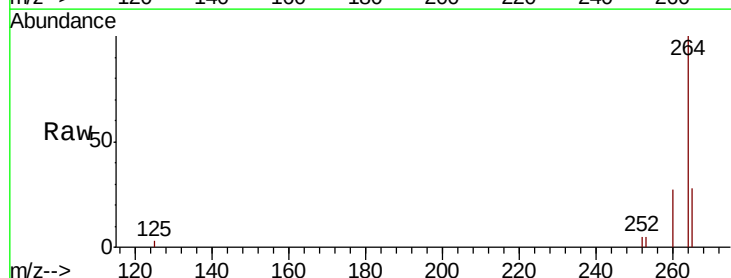
Tgt Ion:264 Resp: 8335

Ion Ratio Lower Upper

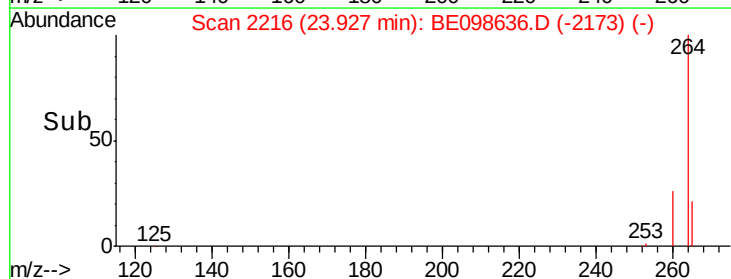
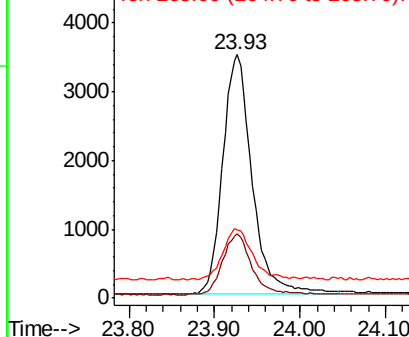
264 100

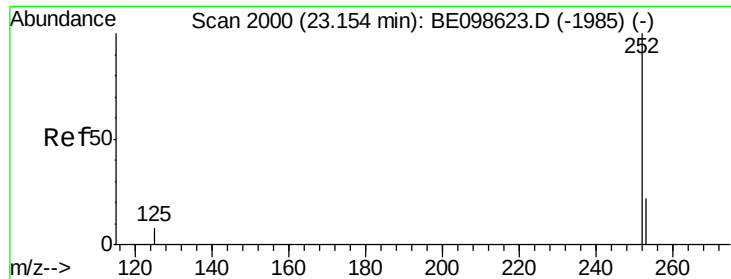
260 26.6 20.5 30.7

265 28.1 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: 0.368 ng

RT: 23.16 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

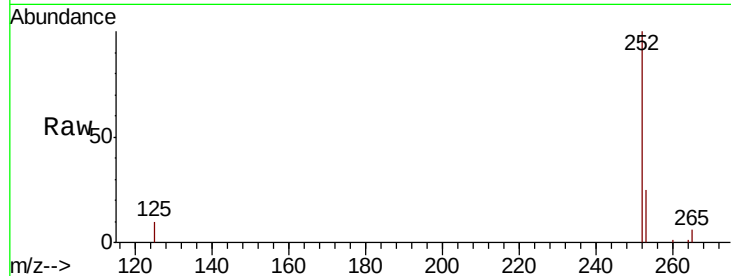
Tot Ion:252 Resp: 8366

Ion Ratio Lower Upper

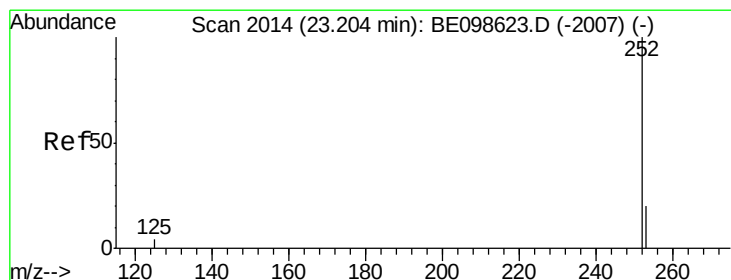
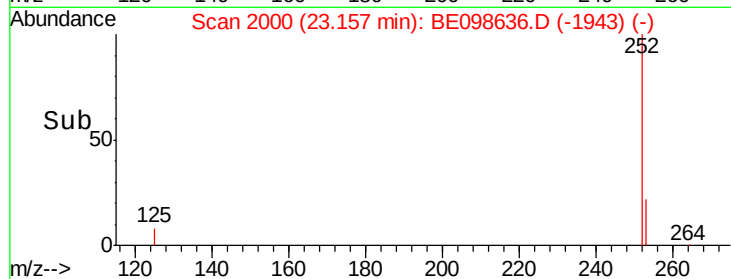
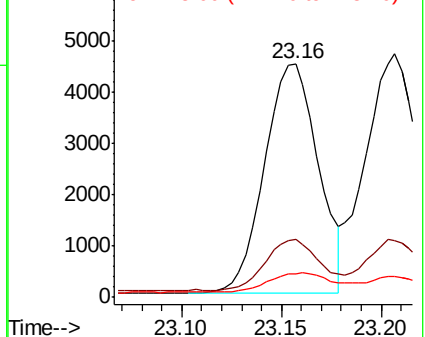
252 100

253 24.6 19.4 29.0

125 10.1 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: 0.378 ng

RT: 23.21 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

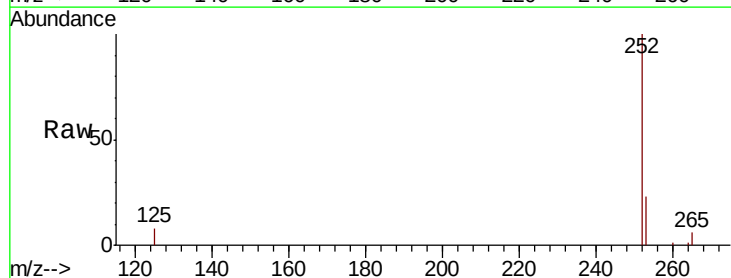
Tgt Ion:252 Resp: 9384

Ion Ratio Lower Upper

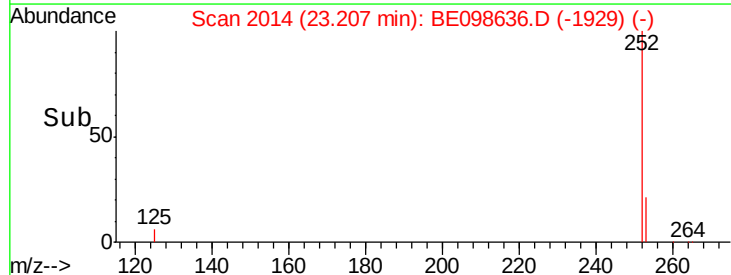
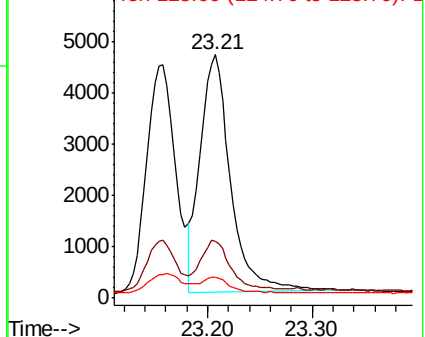
252 100

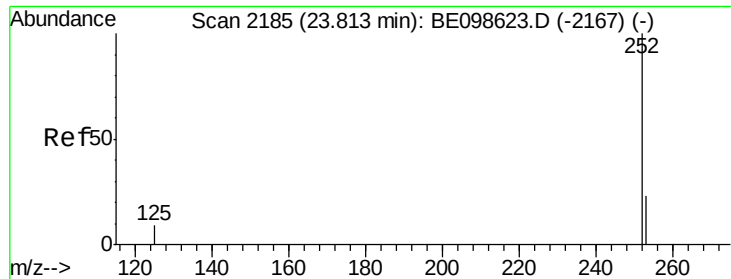
253 23.1 19.0 28.4

125 8.4 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: 0.377 ng

RT: 23.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

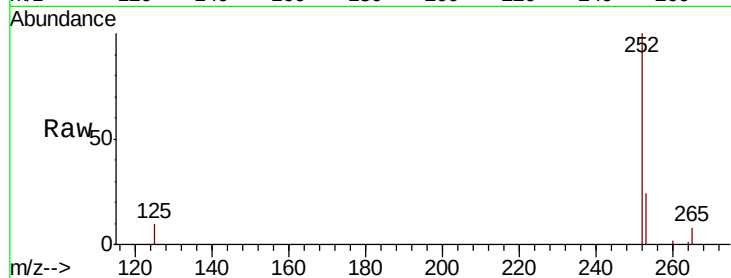
Tot Ion:252 Resp: 8417

Ion Ratio Lower Upper

252 100

253 24.4 21.0 31.4

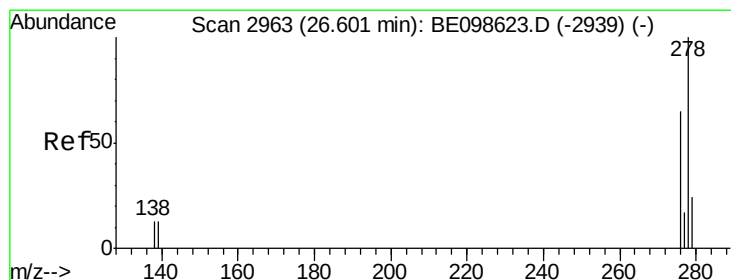
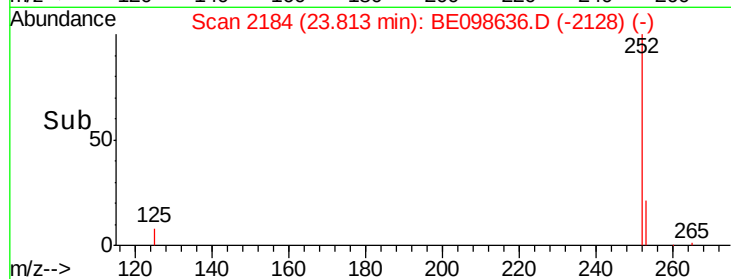
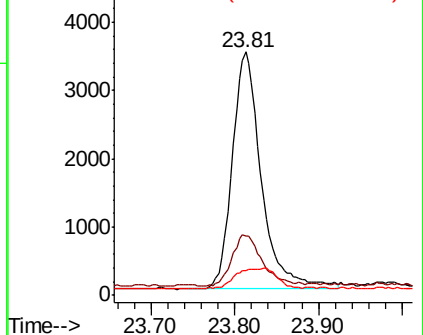
125 10.1 9.2 13.8



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: 0.394 ng

RT: 26.59 min Scan# 2959

Delta R.T. -0.01 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

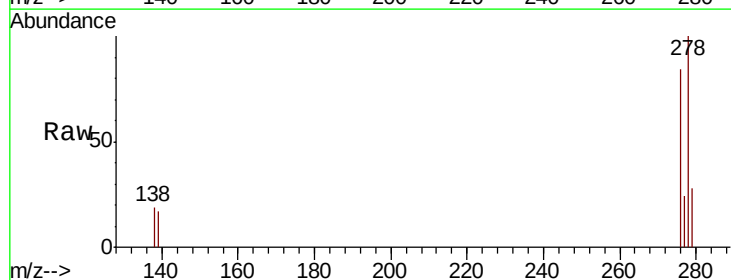
Tgt Ion:278 Resp: 7793

Ion Ratio Lower Upper

278 100

139 17.0 12.7 19.1

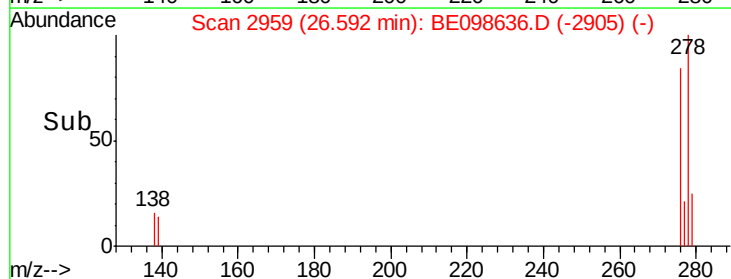
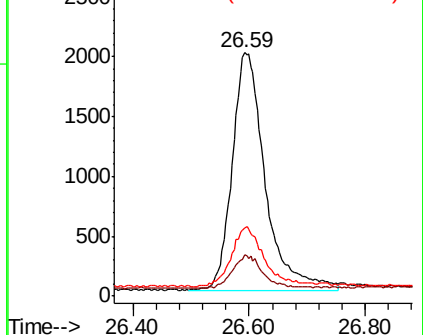
279 28.2 22.0 33.0

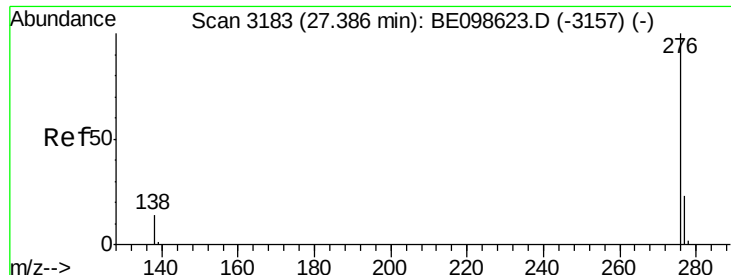


Abundance Ion 278.00 (277.70 to 278.70): E

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: 27.39 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BE098636.D

Acq: 16 Jan 2019 16:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

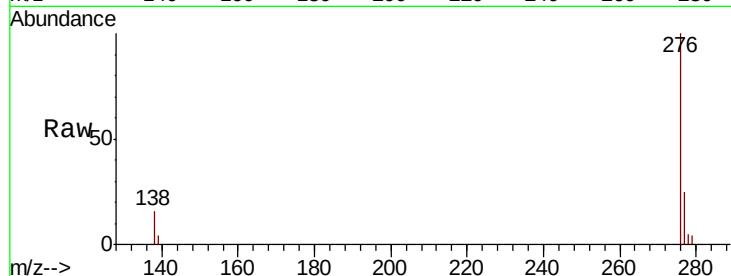
Tot Ion:276 Resp: 8141

Ion Ratio Lower Upper

276 100

277 24.5 20.3 30.5

138 15.7 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

