

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111218\
 Data File : BE098206.D
 Acq On : 13 Nov 2018 1:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Nov 13 02:08:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1271	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5994	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4185	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9746	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11712	0.40	ng	0.00
34) Perylene-d12	24.01	264	10990	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1428	0.40	ng	0.00
5) Phenol-d6	7.04	99	2284	0.40	ng	0.00
8) Nitrobenzene-d5	9.02	82	2345	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4098	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	660	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6393	0.36	ng	0.00
25) Fluoranthene-d10	19.31	212	47225	0.39	ng	0.00
29) Terphenyl-d14	19.91	244	9840	0.37	ng	0.00

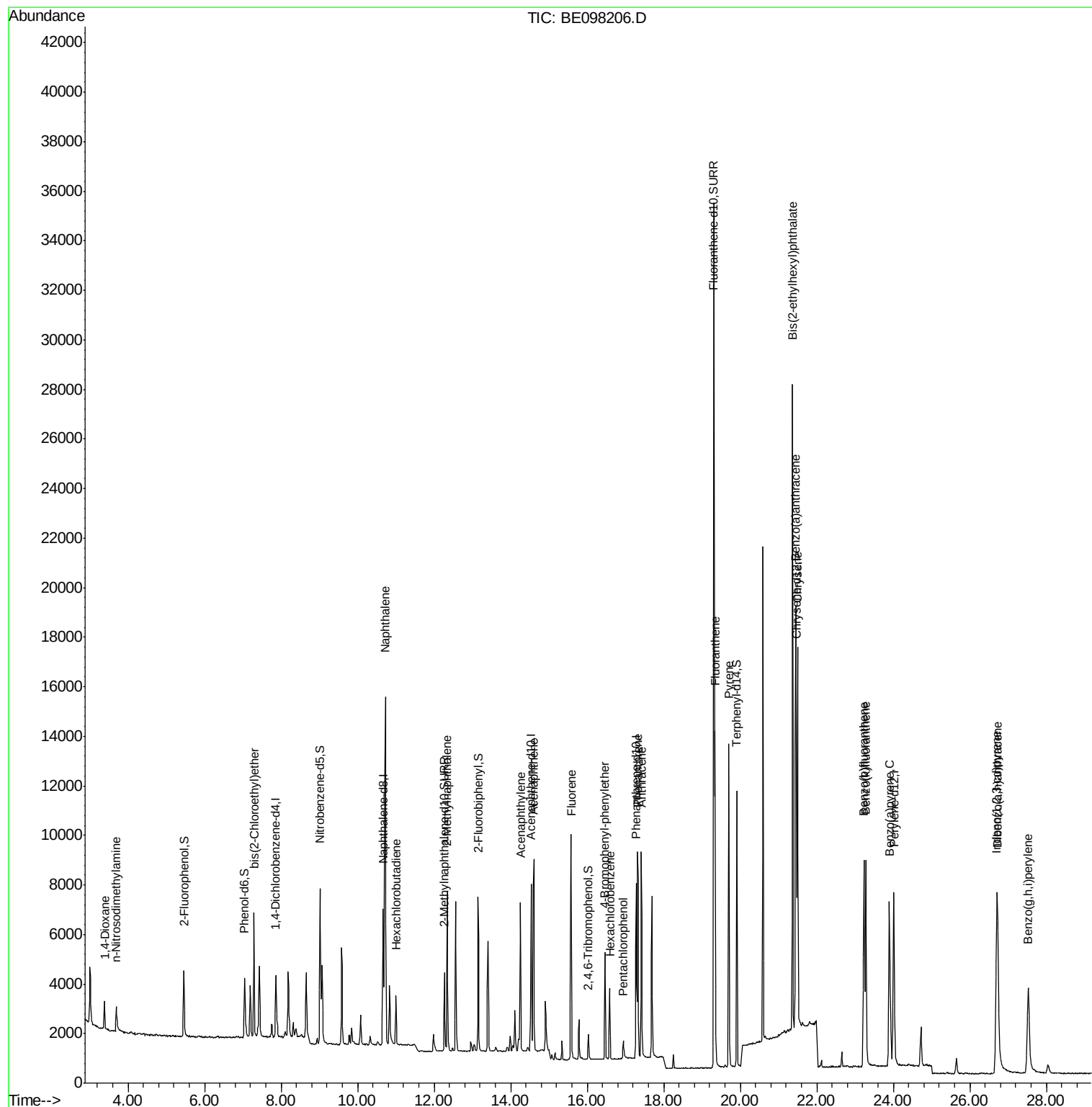
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	723	0.378	ng	93
3) n-Nitrosodimethylamine	3.69	42	920	0.369	ng	# 97
6) bis(2-Chloroethyl)ether	7.29	93	1723	0.370	ng	96
9) Naphthalene	10.72	128	23515	0.386	ng	100
10) Hexachlorobutadiene	11.00	225	1394	0.368	ng	95
12) 2-Methylnaphthalene	12.34	142	4186	0.396	ng	96
16) Acenaphthylene	14.26	152	7402	0.386	ng	100
17) Acenaphthene	14.60	154	4531	0.387	ng	99
18) Fluorene	15.58	166	5797	0.386	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2325	0.391	ng	95
21) Hexachlorobenzene	16.59	284	2399	0.388	ng	99
22) Pentachlorophenol	16.94	266	509	0.449	ng	93
23) Phenanthrene	17.31	178	9455	0.389	ng	100
24) Anthracene	17.41	178	8860	0.392	ng	99
26) Fluoranthene	19.34	202	11737	0.390	ng	99
28) Pyrene	19.70	202	12326	0.382	ng	99
30) Benzo(a)anthracene	21.45	228	12712	0.382	ng	98
31) Chrysene	21.50	228	12853	0.380	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	28456	0.412	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	12588	0.406	ng	# 91
35) Benzo(b)fluoranthene	23.23	252	11826	0.379	ng	98
36) Benzo(k)fluoranthene	23.28	252	12467	0.379	ng	99
37) Benzo(a)pyrene	23.90	252	11422	0.382	ng	98
38) Dibenzo(a,h)anthracene	26.72	278	10378	0.407	ng	98
39) Benzo(g,h,i)perylene	27.53	276	10210	0.384	ng	97

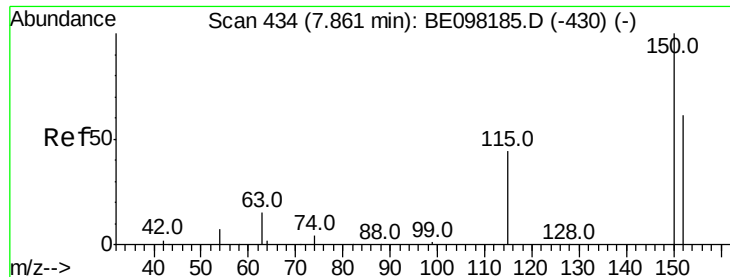
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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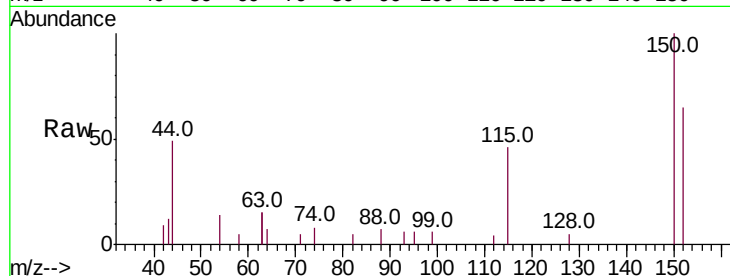


#1

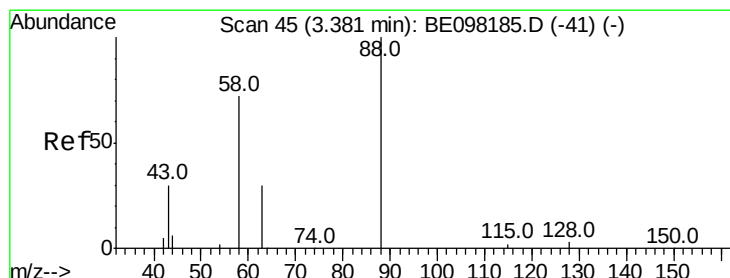
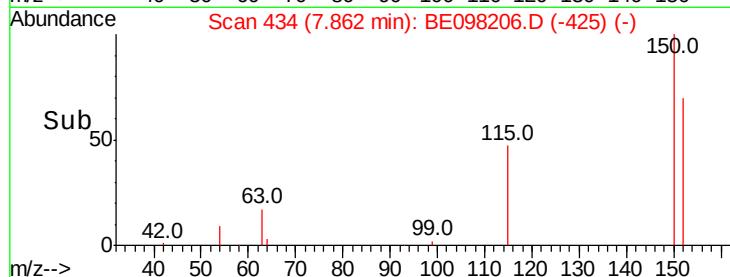
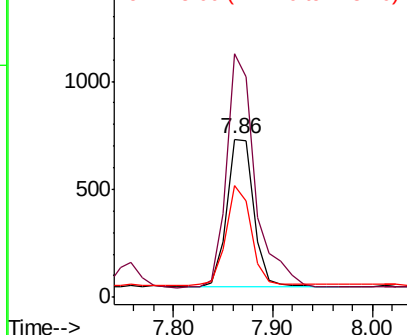
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1271
Ion Ratio Lower Upper
152 100
150 154.2 127.5 191.3
115 70.7 60.3 90.5



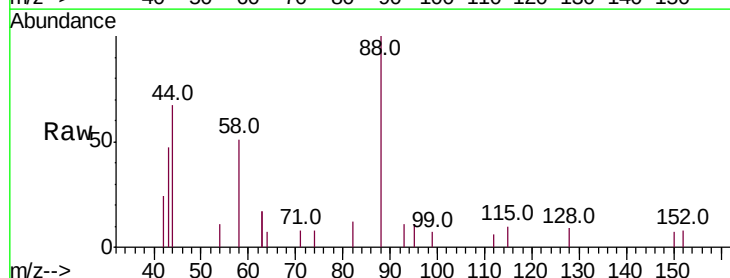
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



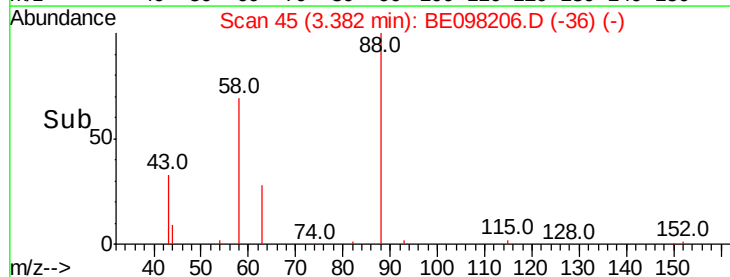
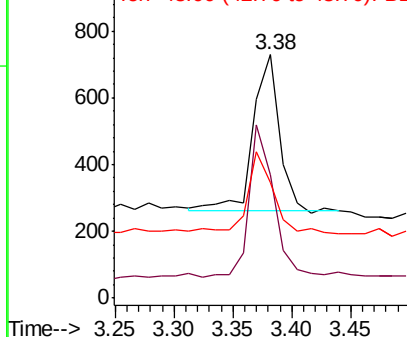
#2

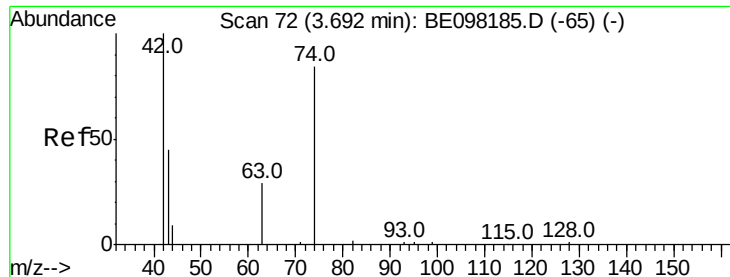
1,4-Dioxane
Concen: 0.378 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion: 88 Resp: 723
Ion Ratio Lower Upper
88 100
58 92.4 79.0 118.4
43 54.2 38.1 57.1



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: 0.369 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

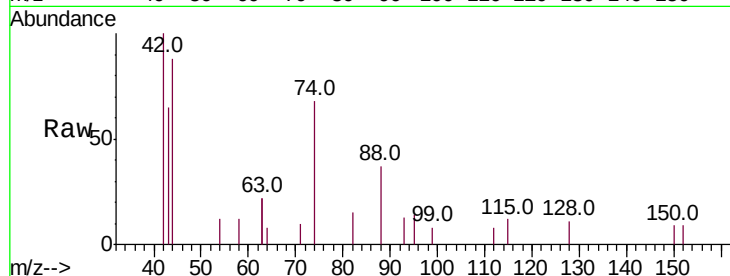
Tot Ion: 42 Resp: 920

Ion Ratio Lower Upper

42 100

74 78.0 61.7 92.5

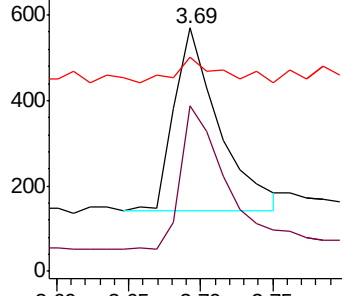
44 13.0 14.0 21.0#



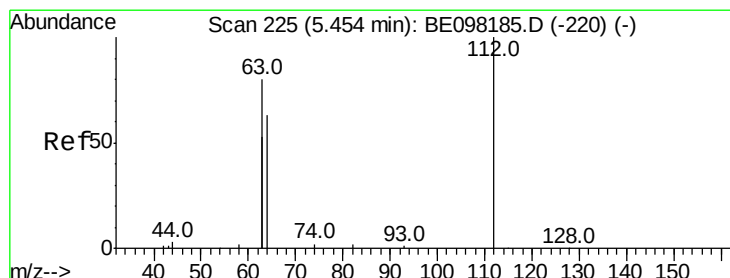
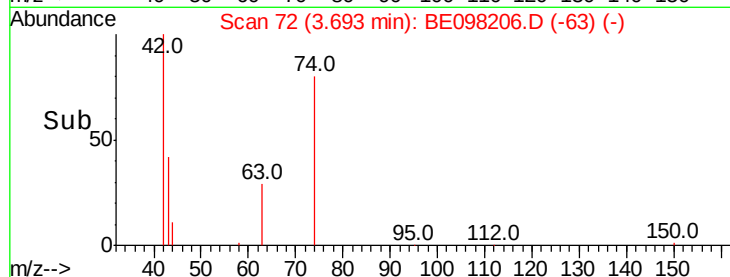
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time--> 3.60 3.65 3.70 3.75



#4

2-Fluorophenol

Concen: 0.398 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

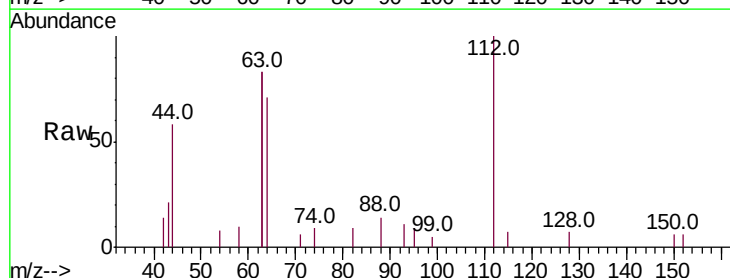
Tgt Ion: 112 Resp: 1428

Ion Ratio Lower Upper

112 100

64 79.0 61.7 92.5

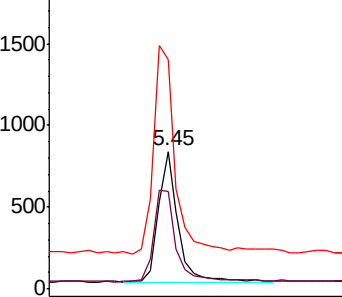
63 174.8 136.2 204.2



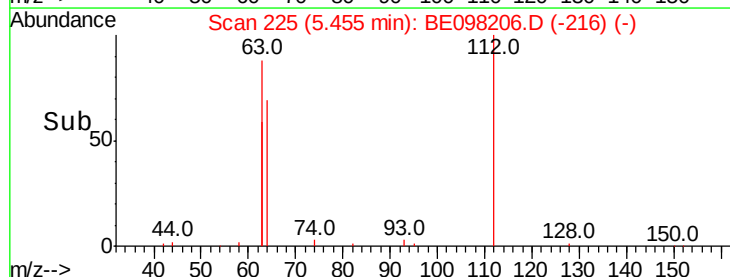
Abundance Ion 112.00 (111.70 to 112.70): E

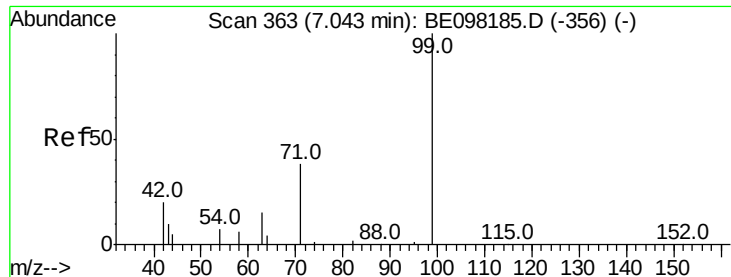
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.30 5.40 5.50 5.60





#5

Phenol-d6

Concen: 0.396 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

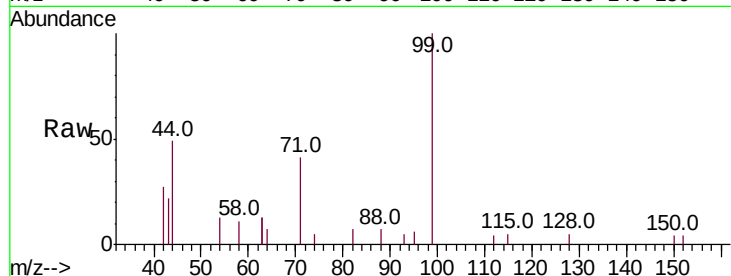
Tot Ion: 99 Resp: 2284

Ion Ratio Lower Upper

99 100

42 35.9 27.1 40.7

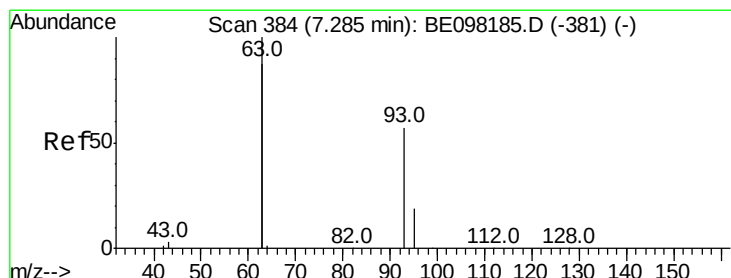
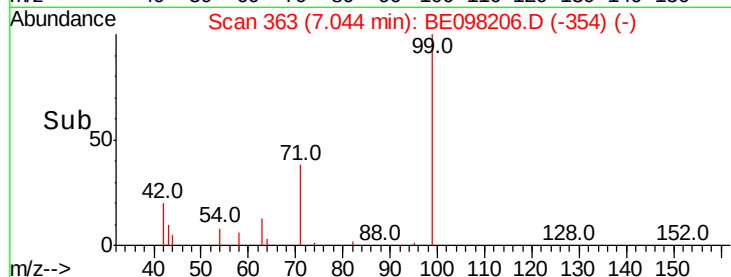
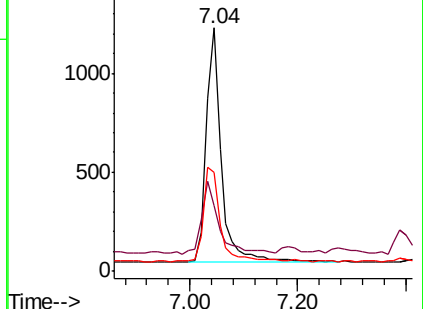
71 44.4 37.0 55.6



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: 0.370 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

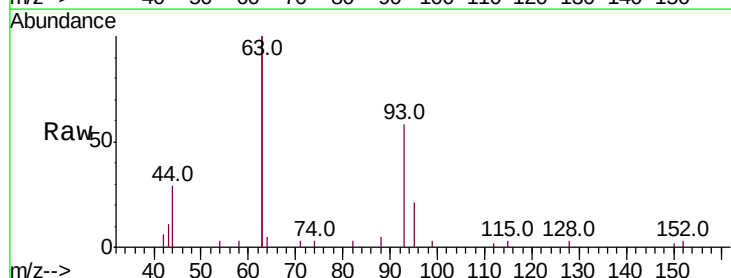
Tgt Ion: 93 Resp: 1723

Ion Ratio Lower Upper

93 100

63 332.2 272.6 409.0

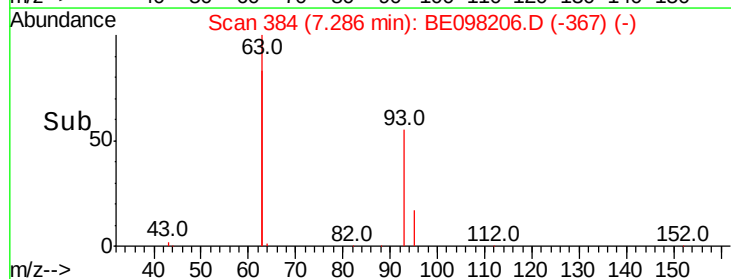
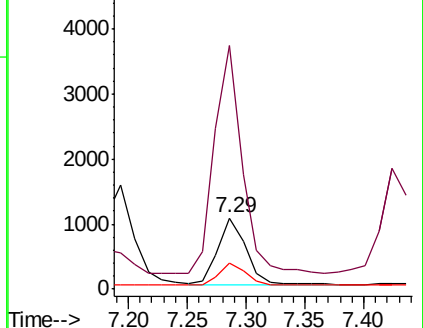
95 30.8 27.1 40.7

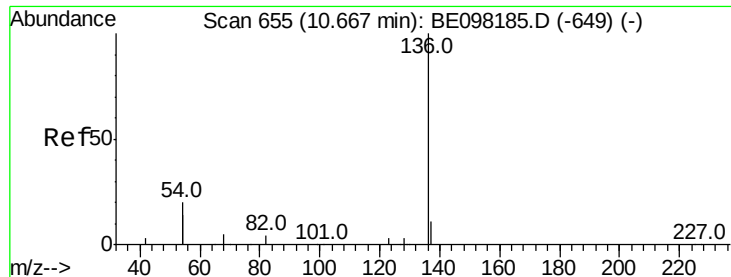


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 5994

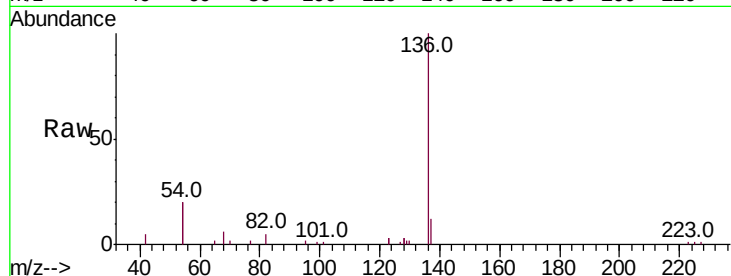
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 39.9 31.3 46.9

68 6.5 4.8 7.2

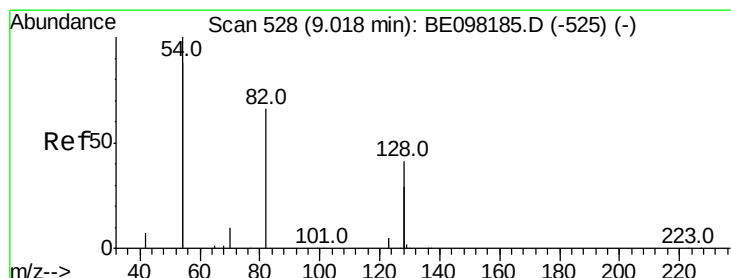
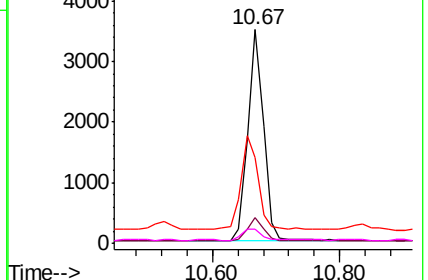
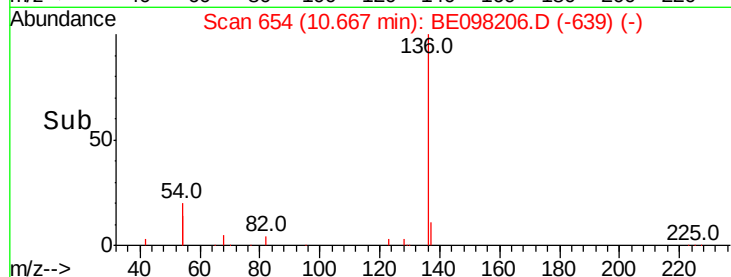


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.392 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

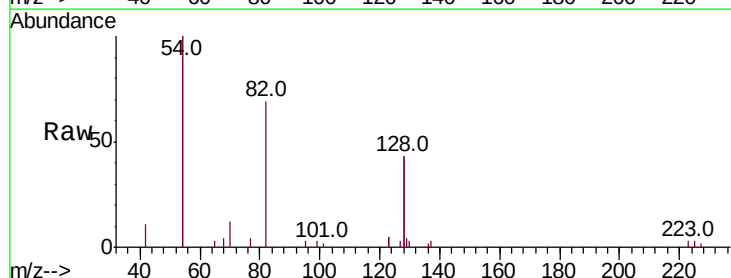
Tgt Ion: 82 Resp: 2345

Ion Ratio Lower Upper

82 100

128 123.3 96.1 144.1

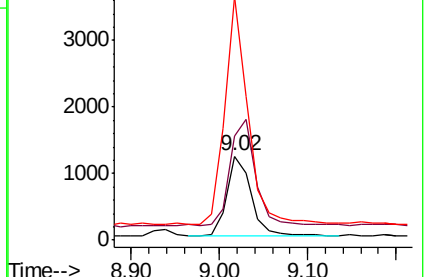
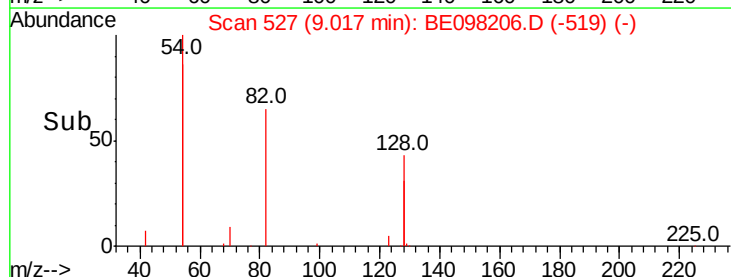
54 290.0 232.0 348.0

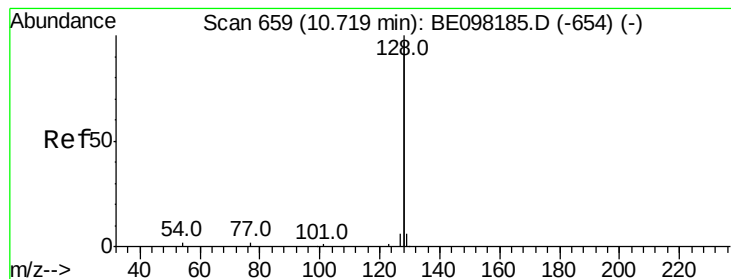


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

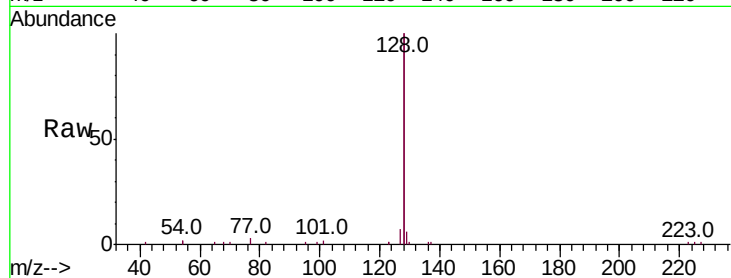
Tot Ion:128 Resp: 23515

Ion Ratio Lower Upper

128 100

129 3.1 2.6 4.0

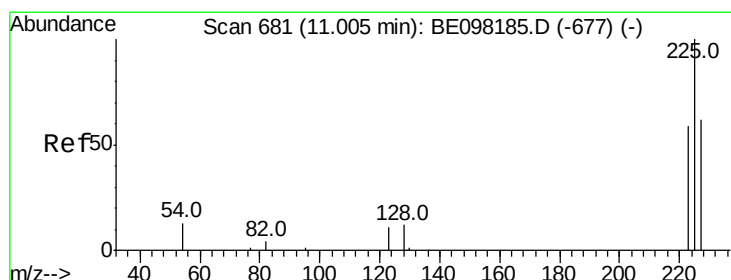
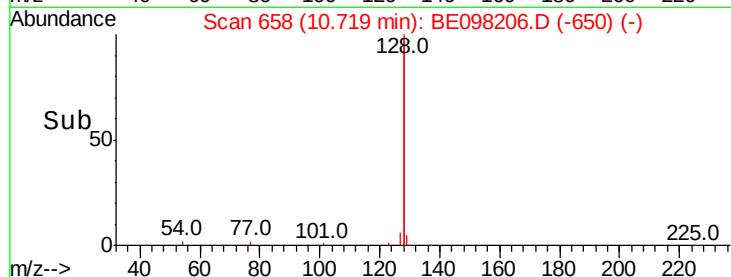
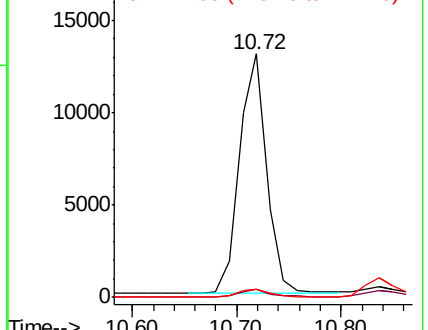
127 3.5 2.8 4.2



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: 0.368 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

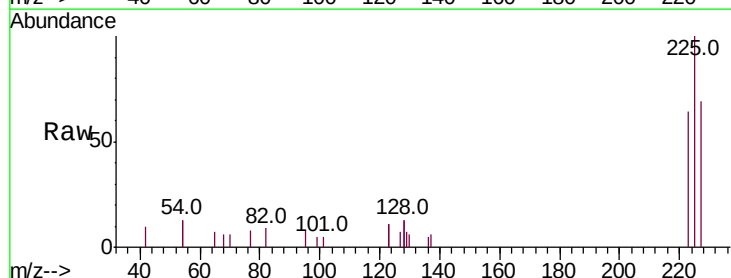
Tgt Ion:225 Resp: 1394

Ion Ratio Lower Upper

225 100

223 65.5 50.5 75.7

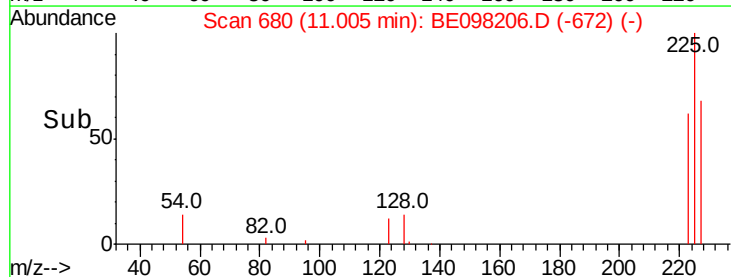
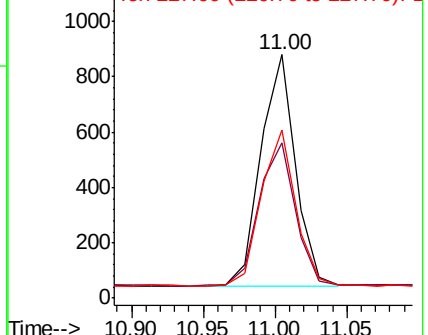
227 68.1 50.3 75.5

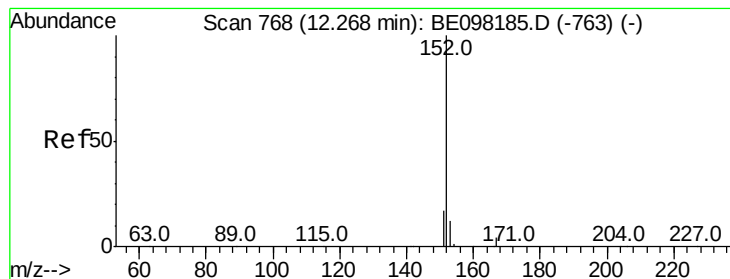


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

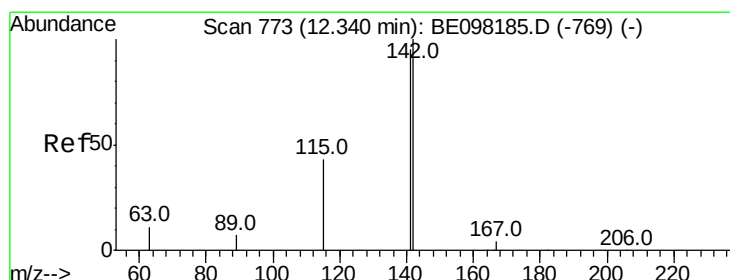
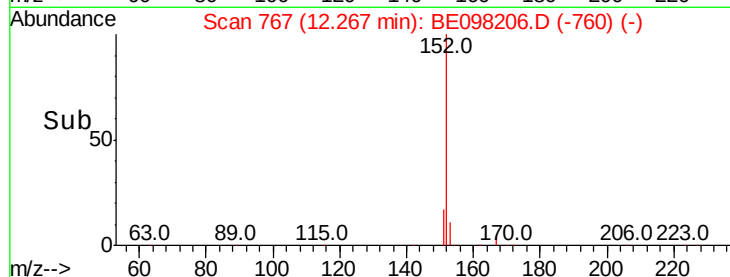
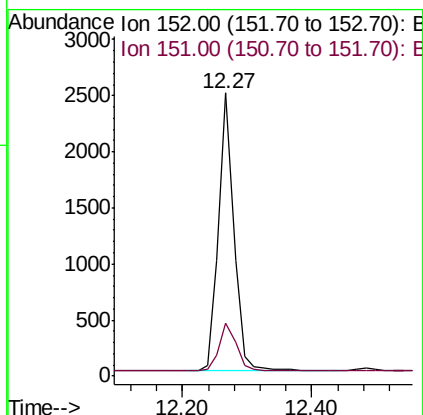
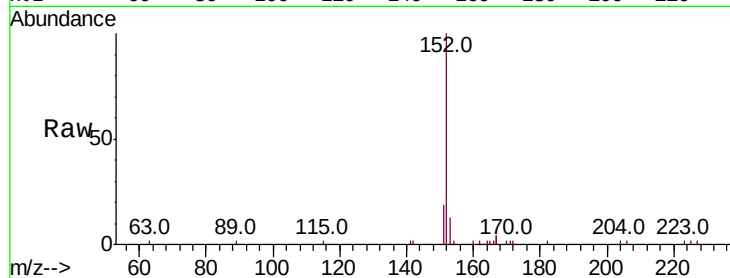




#11
 2-Methylnaphthalene-d10
 Concen: 0.390 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098206.D
 Acq: 13 Nov 2018 1:37

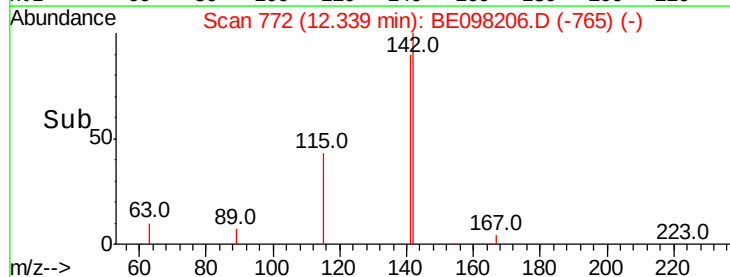
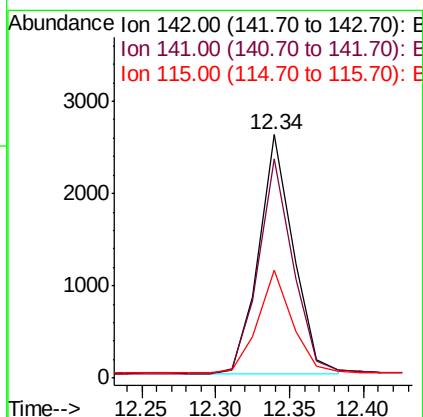
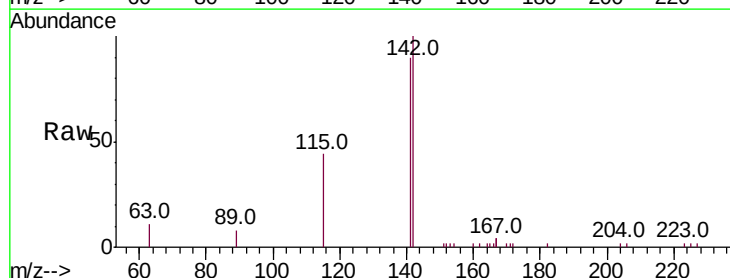
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

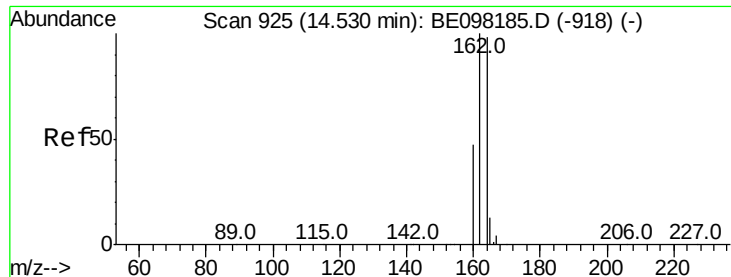
Tot Ion:152 Resp: 4098
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.396 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098206.D
 Acq: 13 Nov 2018 1:37

Tgt Ion:142 Resp: 4186
 Ion Ratio Lower Upper
 142 100
 141 90.3 76.3 114.5
 115 44.2 35.8 53.8

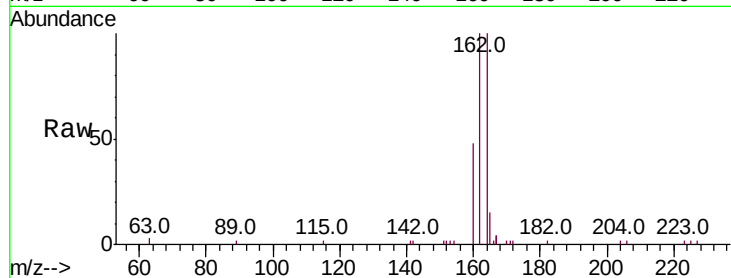




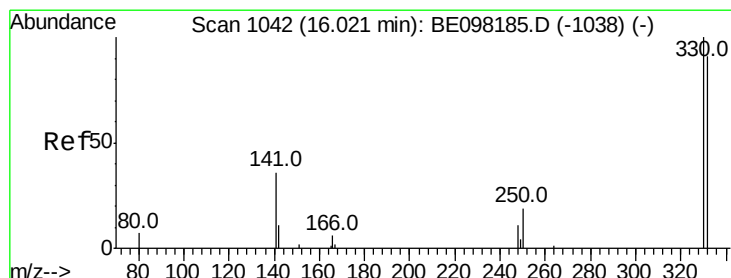
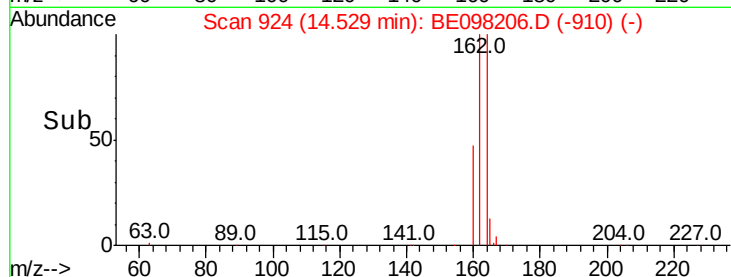
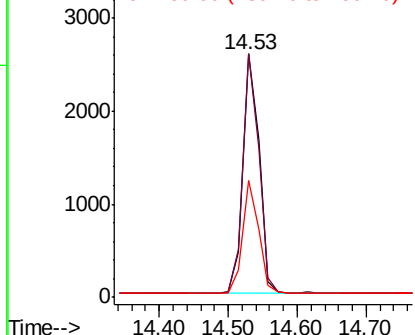
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 4185
Ion Ratio Lower Upper
164 100
162 100.2 81.8 122.6
160 48.0 39.4 59.0

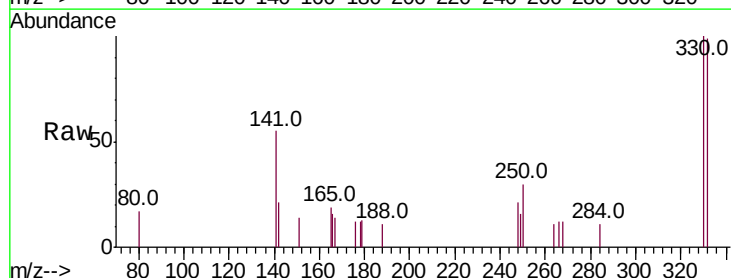


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

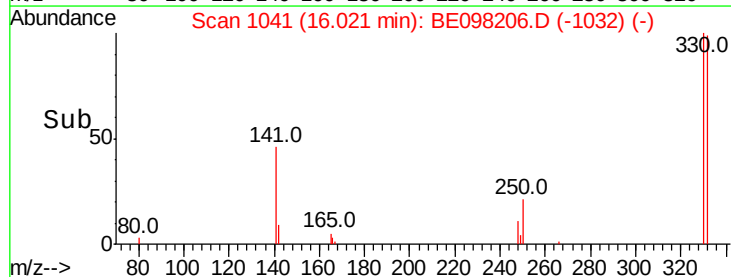
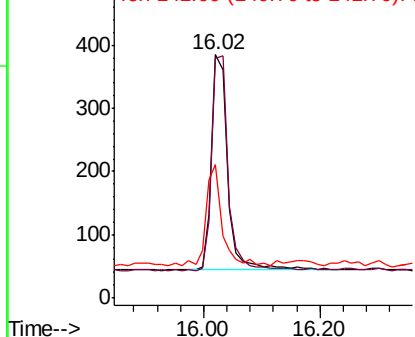


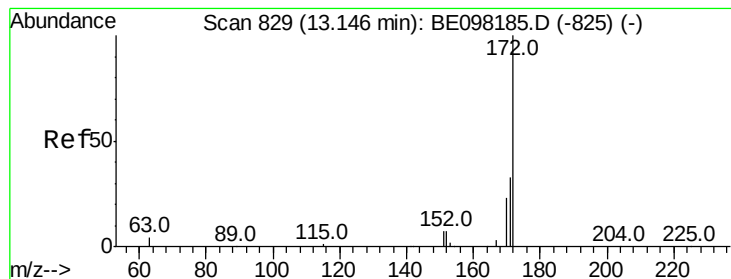
#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:330 Resp: 660
Ion Ratio Lower Upper
330 100
332 100.5 77.7 116.5
141 45.3 33.6 50.4



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

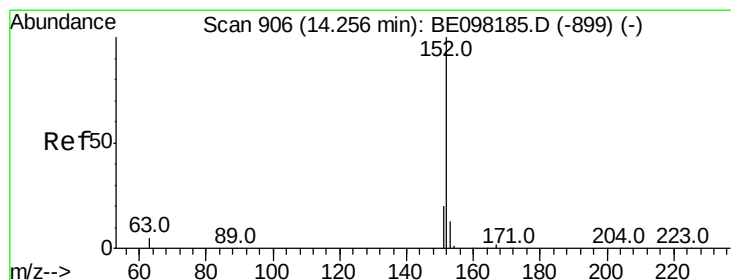
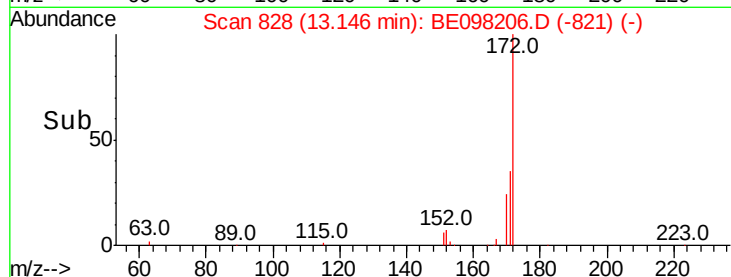
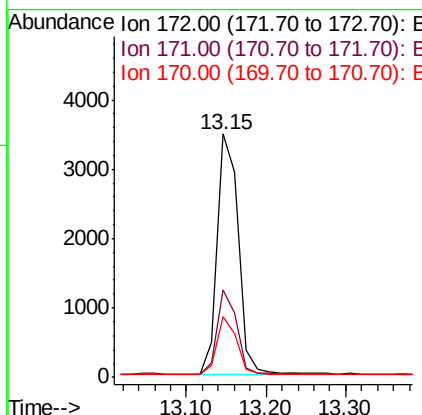
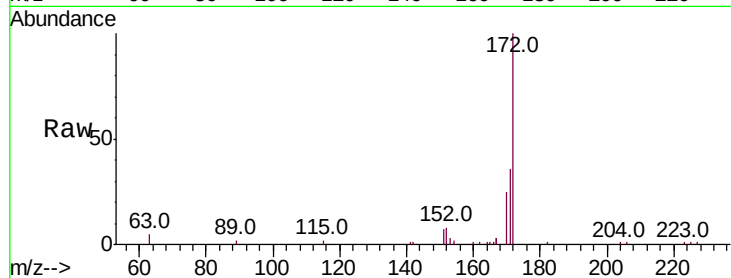




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

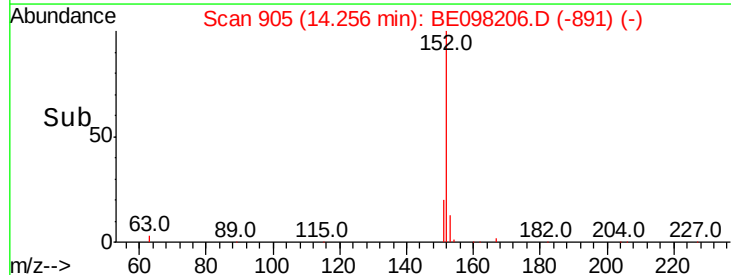
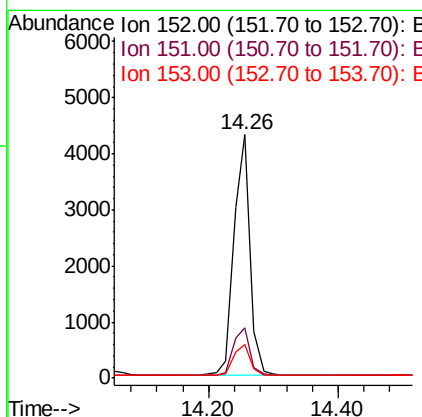
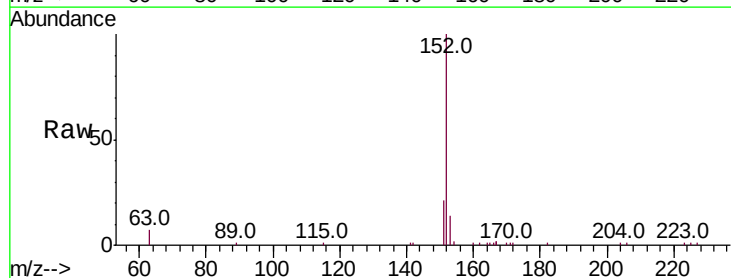
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

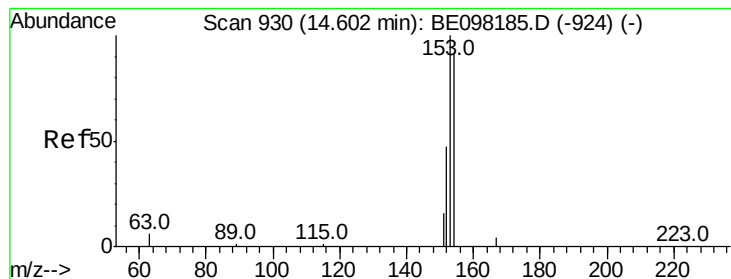
Tot Ion:172 Resp: 6393
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 24.8 19.4 29.0



#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098206.D
Acq: 13 Nov 2018 1:37

Tgt Ion:152 Resp: 7402
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.3 10.6 15.8





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

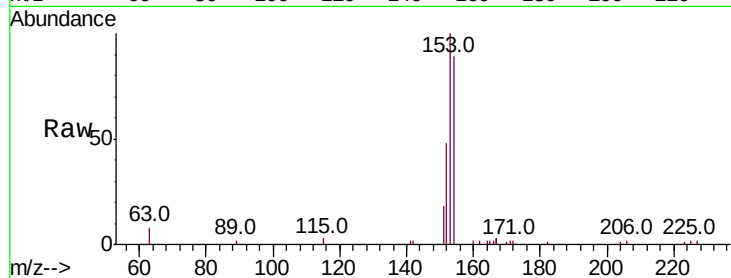
Tot Ion:154 Resp: 4531

Ion Ratio Lower Upper

154 100

153 116.3 92.1 138.1

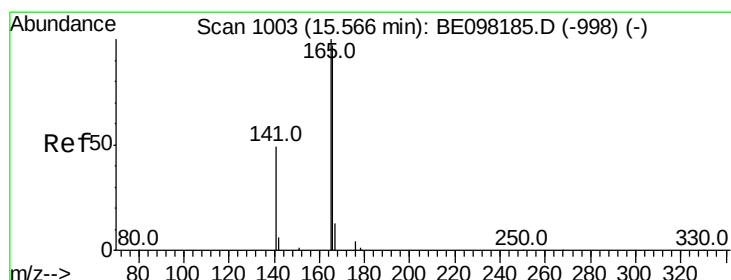
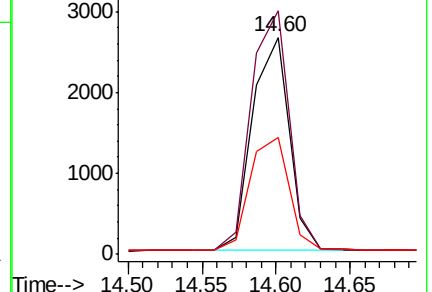
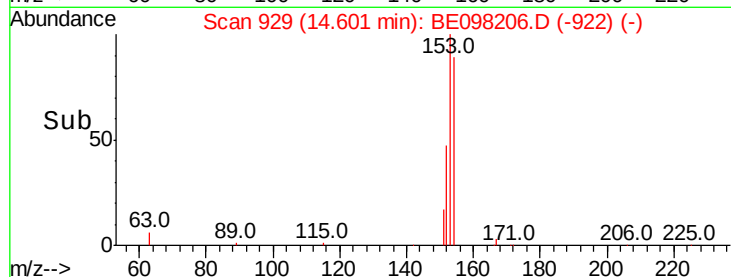
152 56.6 46.2 69.2



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: 0.386 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

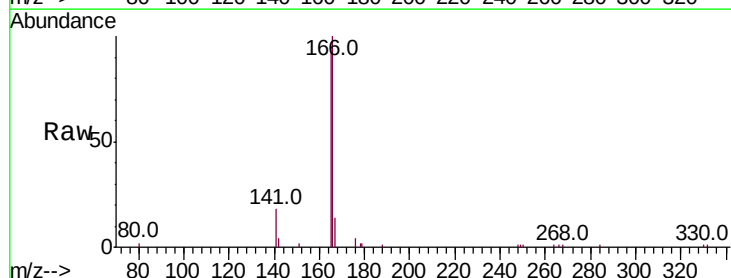
Tgt Ion:166 Resp: 5797

Ion Ratio Lower Upper

166 100

165 99.0 80.1 120.1

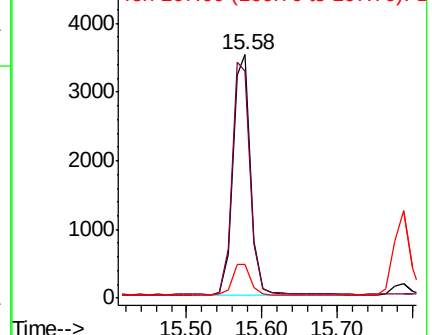
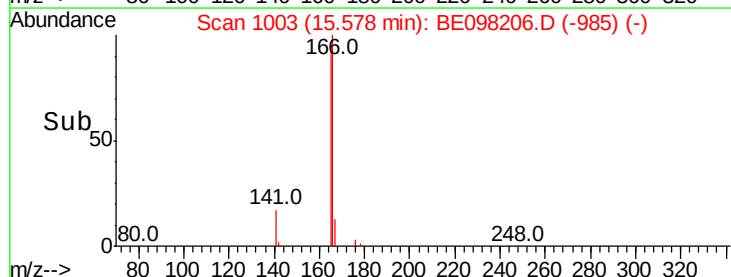
167 13.3 10.8 16.2

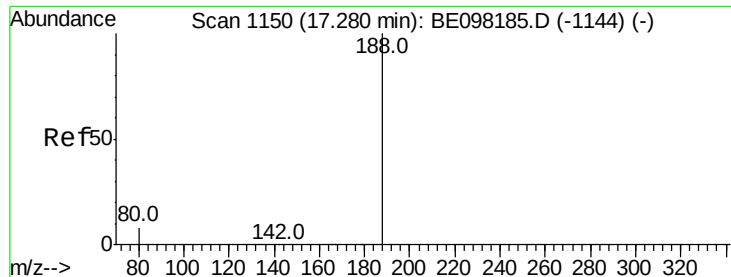


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

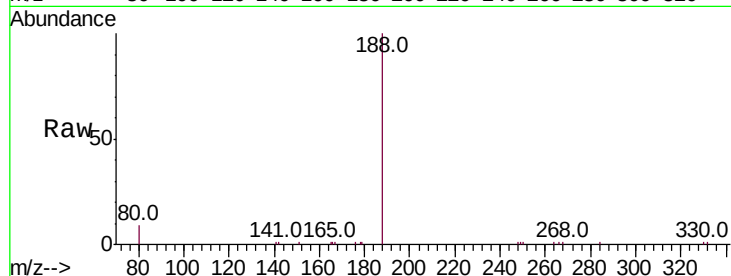
Tot Ion:188 Resp: 9746

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

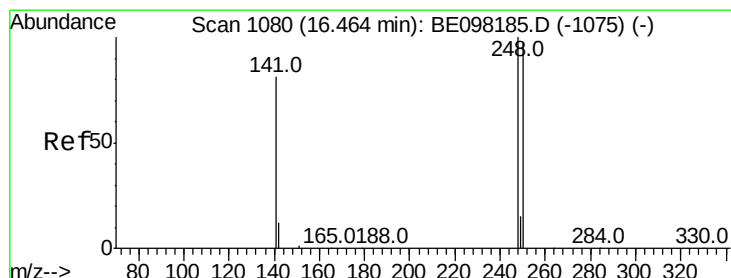
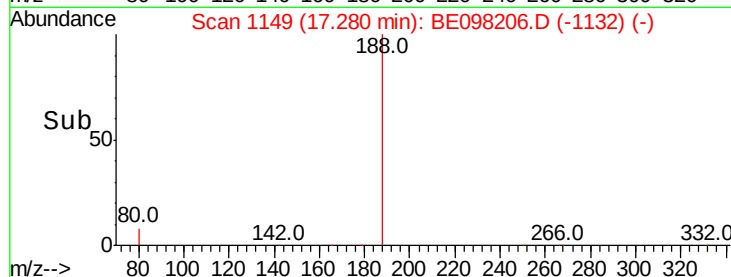
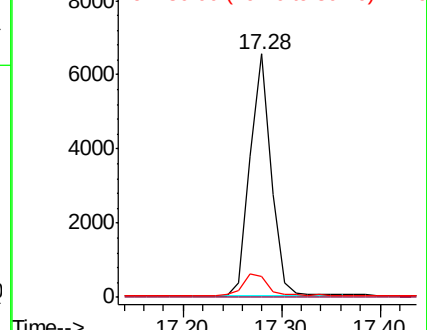
80 8.8 6.7 10.1



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: 0.391 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

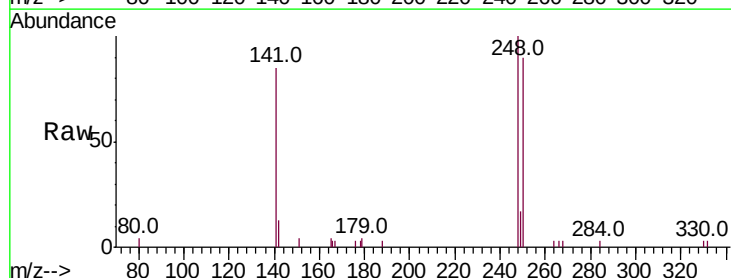
Tgt Ion:248 Resp: 2325

Ion Ratio Lower Upper

248 100

250 90.2 77.6 116.4

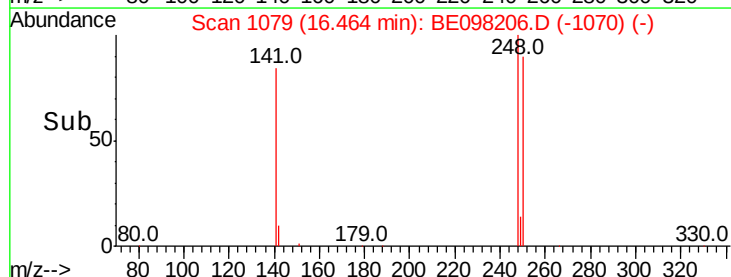
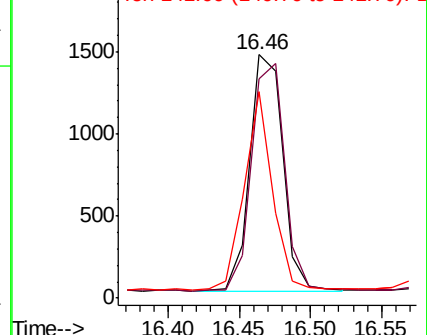
141 85.0 65.8 98.8

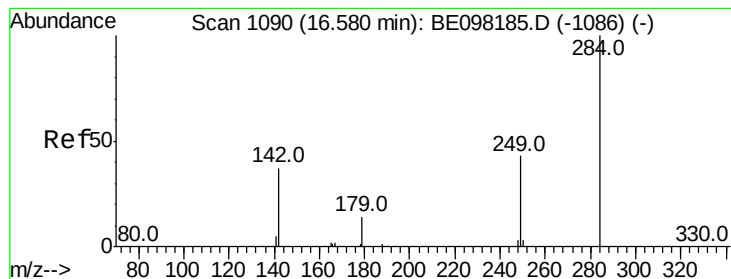


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.388 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

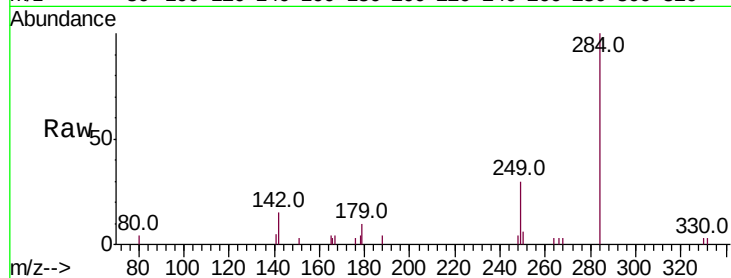
Tot Ion:284 Resp: 2399

Ion Ratio Lower Upper

284 100

142 33.1 26.5 39.7

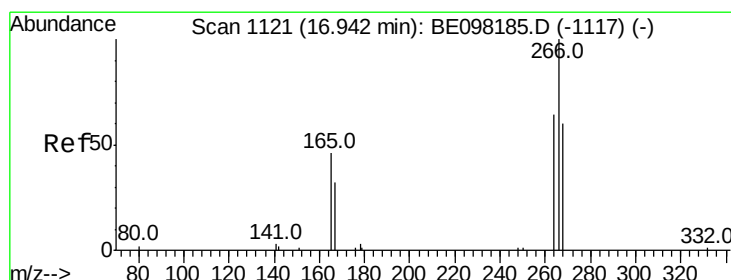
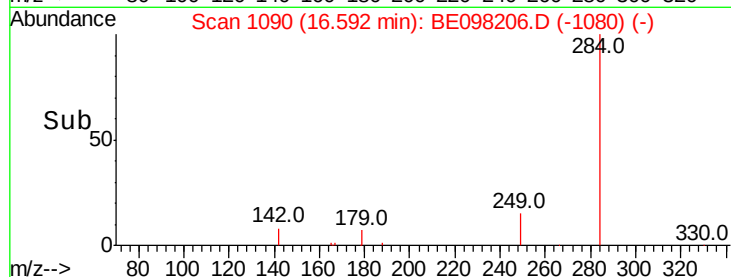
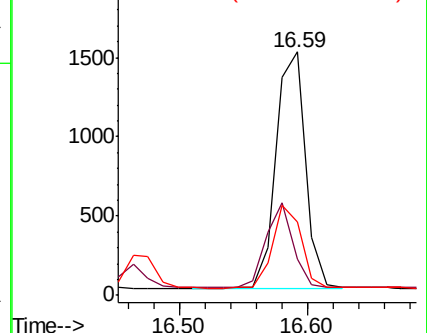
249 34.5 28.4 42.6



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: 0.449 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

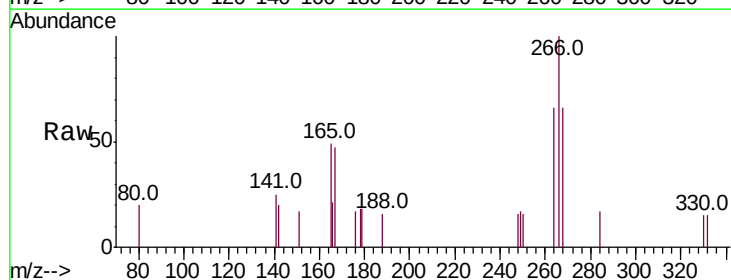
Tgt Ion:266 Resp: 509

Ion Ratio Lower Upper

266 100

264 66.4 57.6 86.4

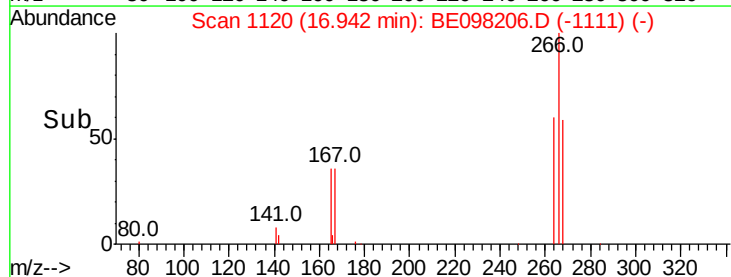
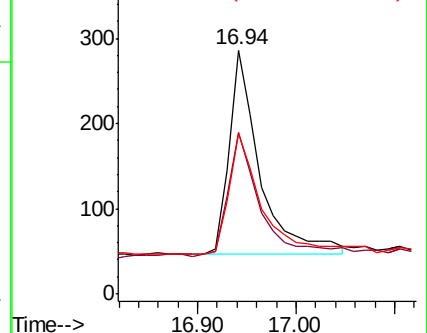
268 65.7 56.8 85.2

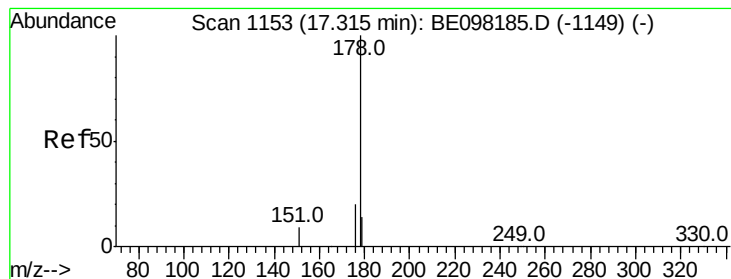


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.389 ng

RT: 17.31 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

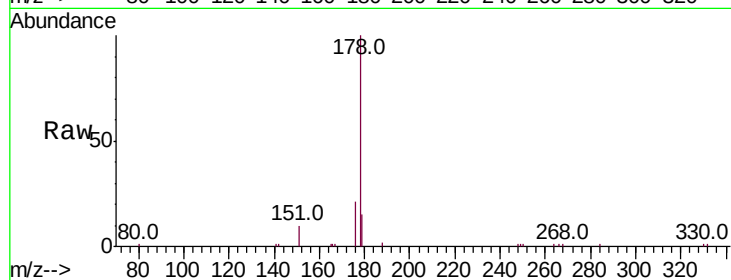
Tot Ion:178 Resp: 9455

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

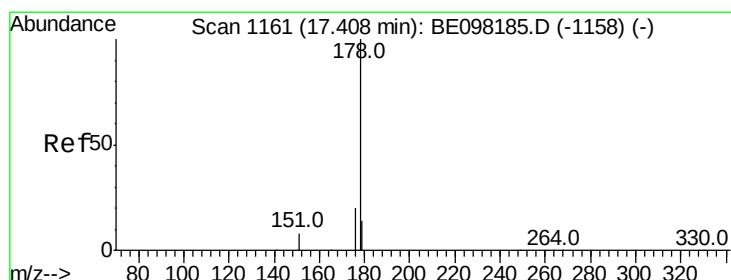
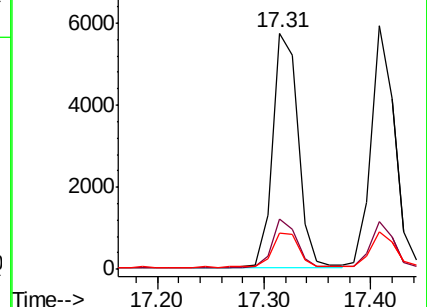
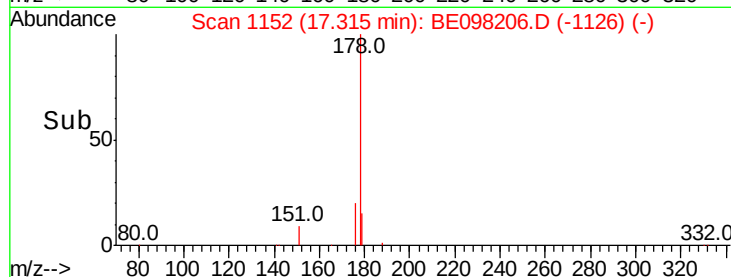
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.392 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

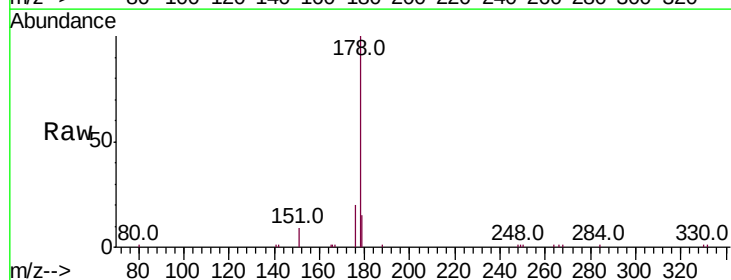
Tgt Ion:178 Resp: 8860

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

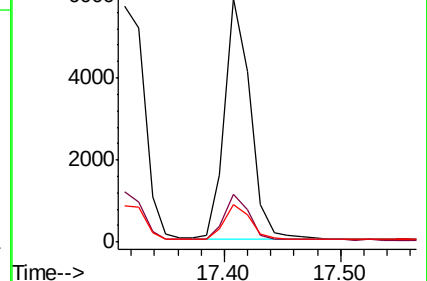
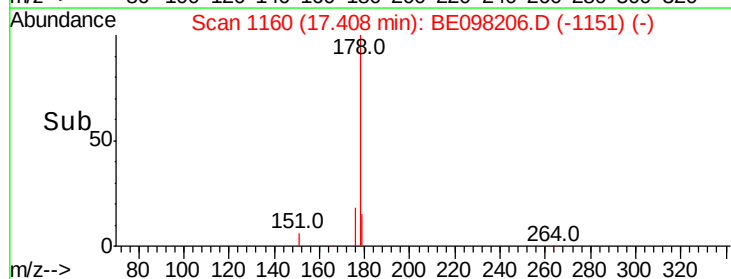
179 14.8 12.1 18.1

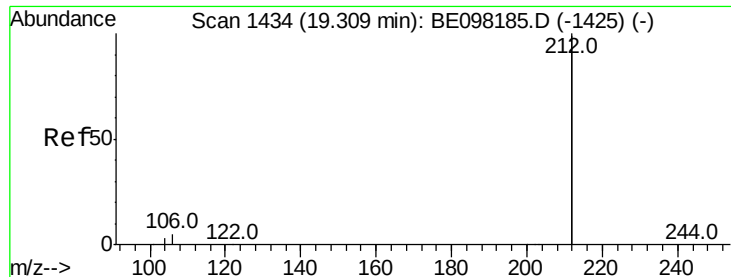


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

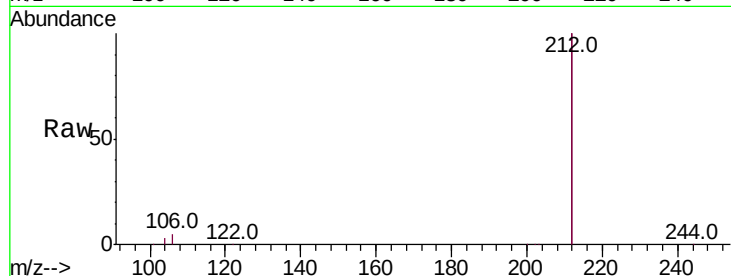
Tot Ion:212 Resp: 47225

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

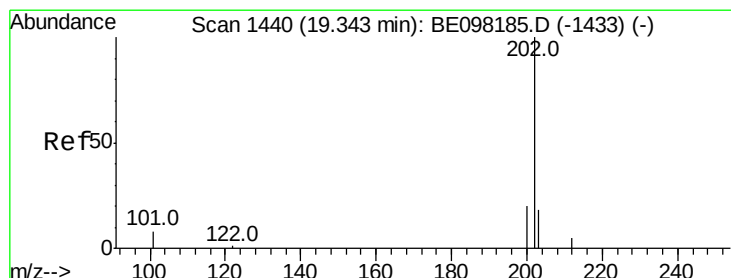
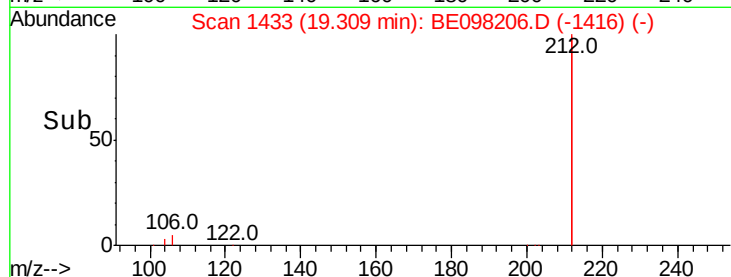
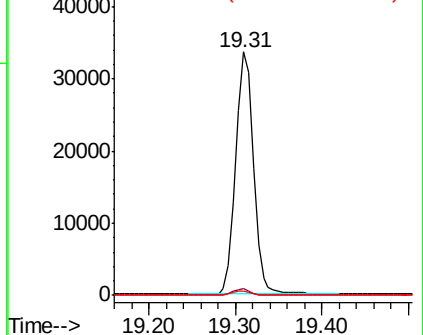
104 1.5 1.1 1.7



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: 0.390 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

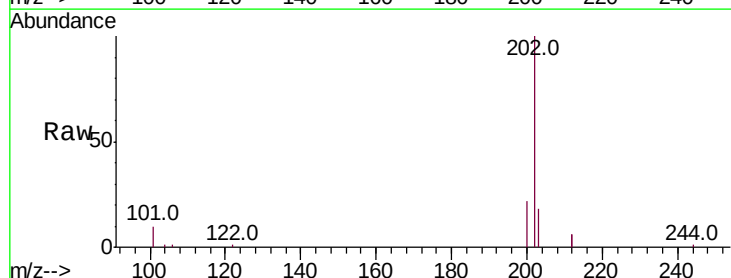
Tgt Ion:202 Resp: 11737

Ion Ratio Lower Upper

202 100

101 9.5 7.0 10.6

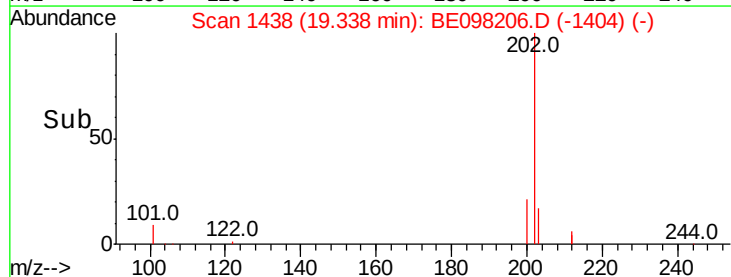
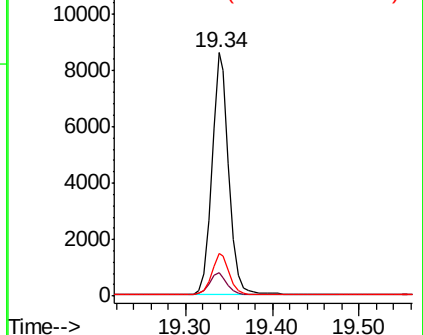
203 17.4 13.7 20.5

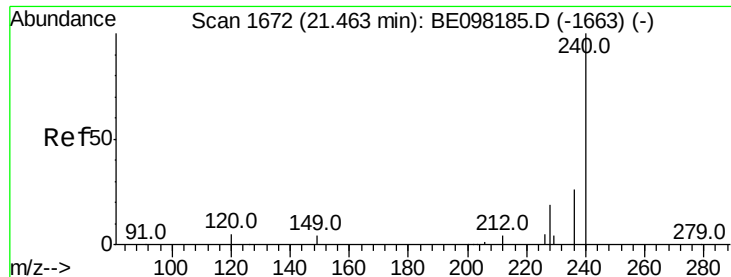


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

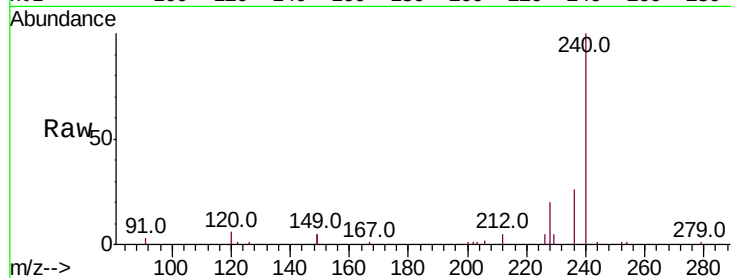
Tot Ion:240 Resp: 11712

Ion Ratio Lower Upper

240 100

120 6.5 4.8 7.2

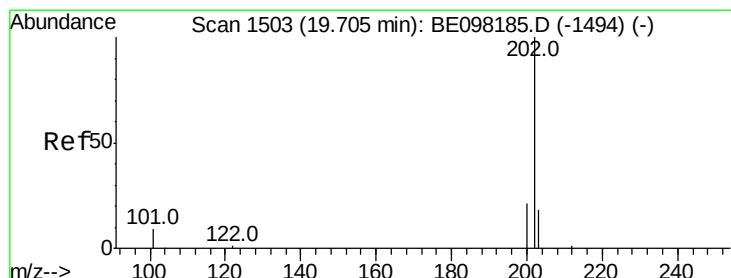
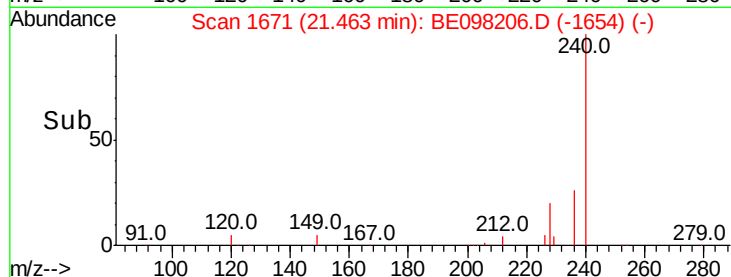
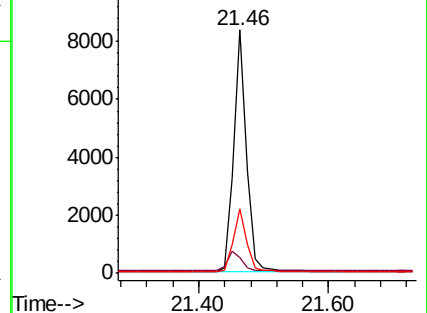
236 26.4 21.4 32.0



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: 0.382 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

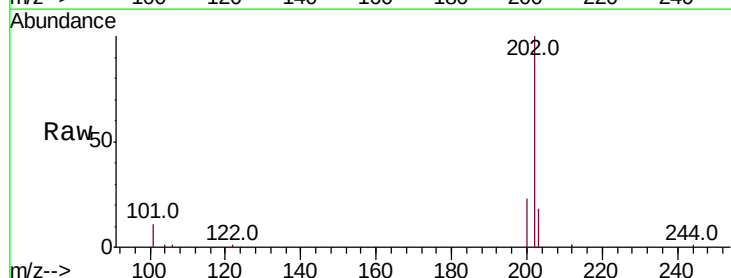
Tgt Ion:202 Resp: 12326

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

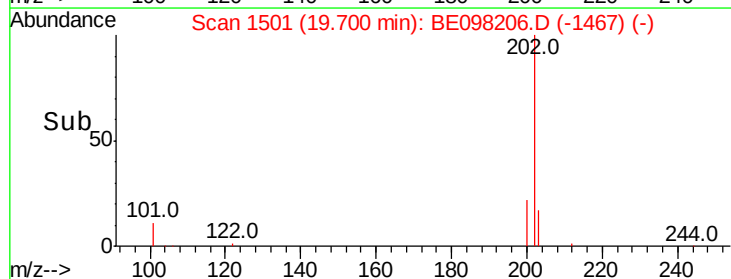
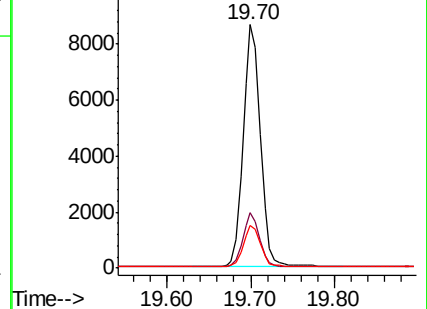
203 17.2 14.2 21.4

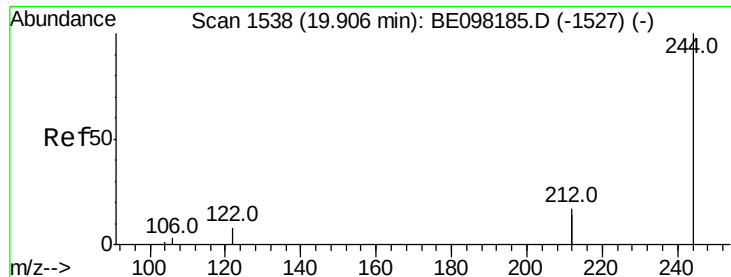


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.370 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

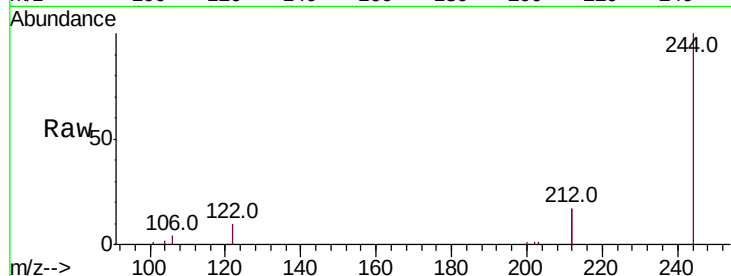
Tot Ion:244 Resp: 9840

Ion Ratio Lower Upper

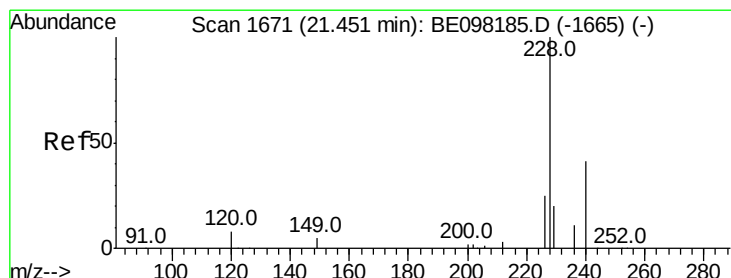
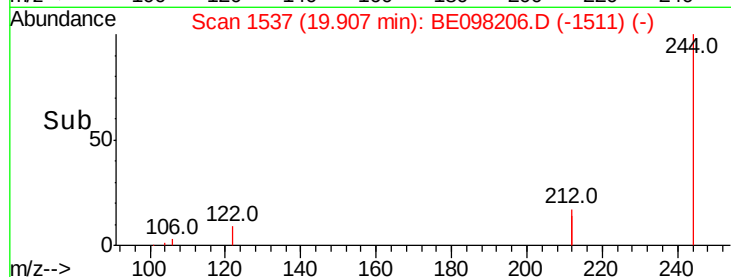
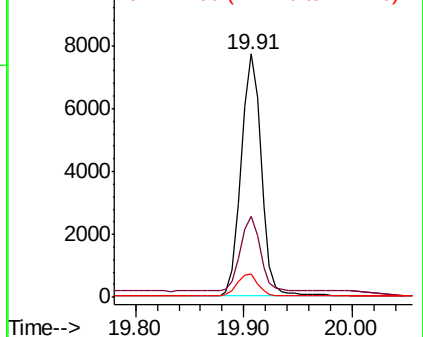
244 100

212 33.5 26.8 40.2

122 9.7 7.0 10.6



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: 0.382 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

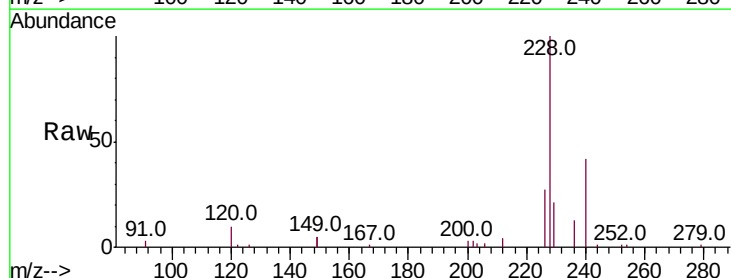
Tgt Ion:228 Resp: 12712

Ion Ratio Lower Upper

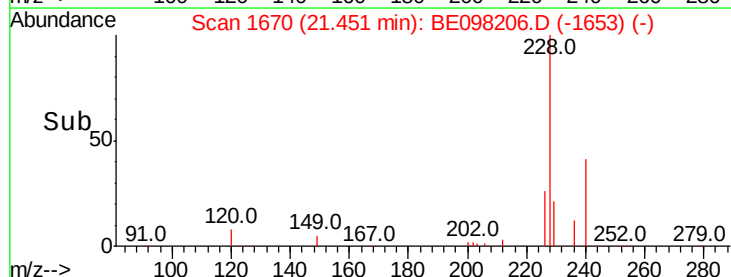
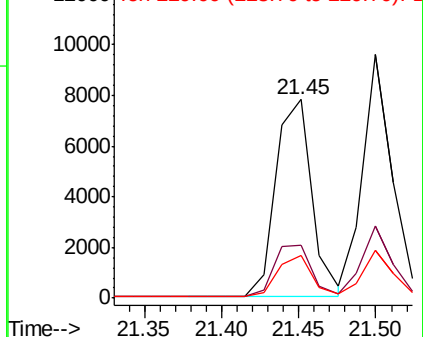
228 100

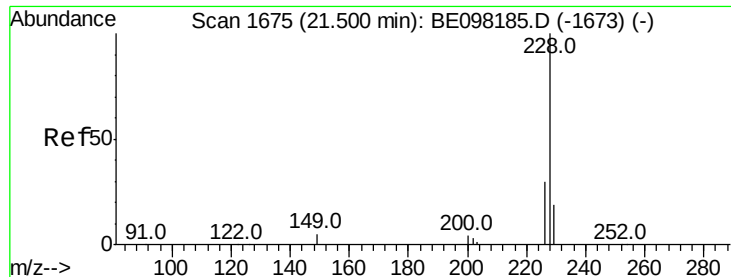
226 26.8 20.7 31.1

229 21.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.380 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

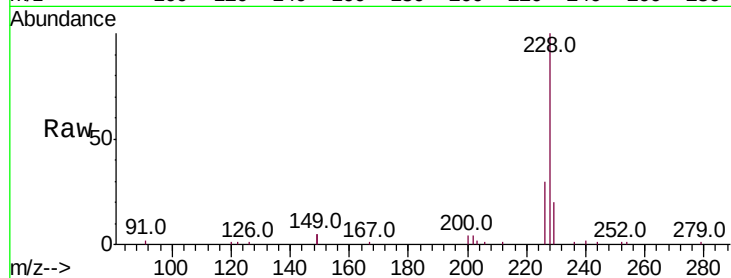
Tot Ion:228 Resp: 12853

Ion Ratio Lower Upper

228 100

226 29.9 24.6 36.8

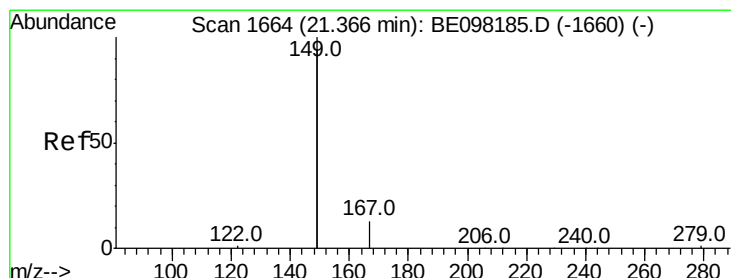
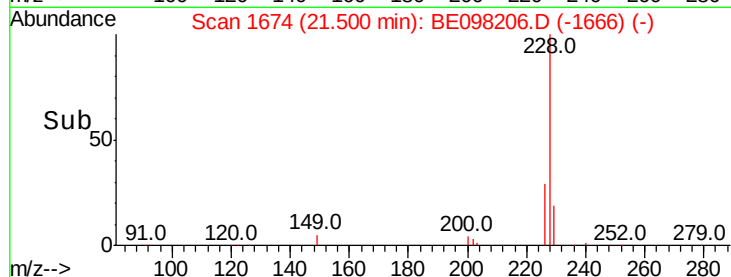
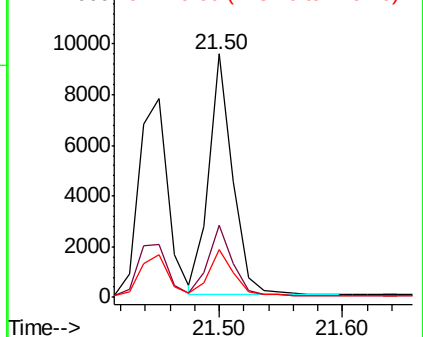
229 19.7 16.0 24.0



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: 0.412 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

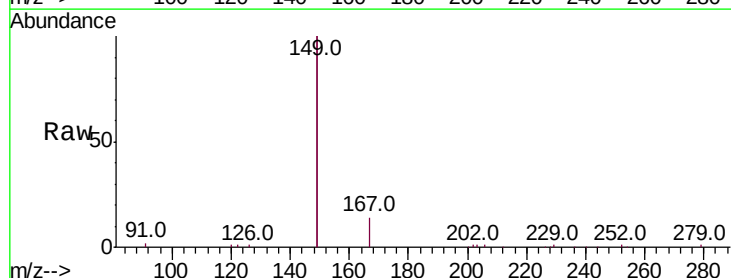
Tgt Ion:149 Resp: 28456

Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

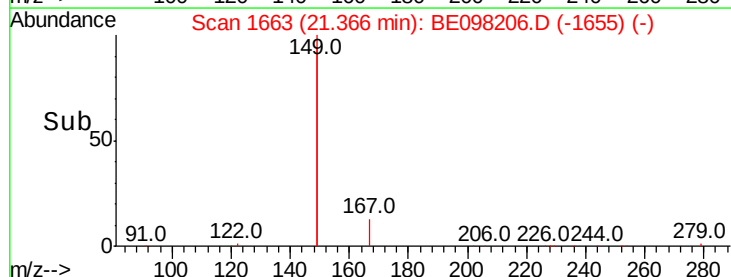
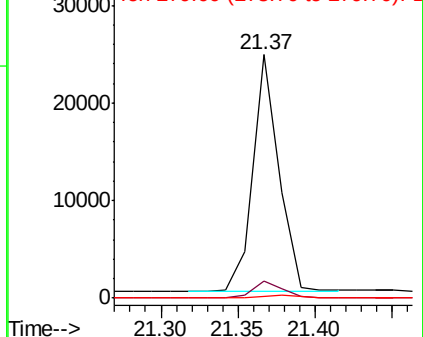
279 1.0 0.9 1.3

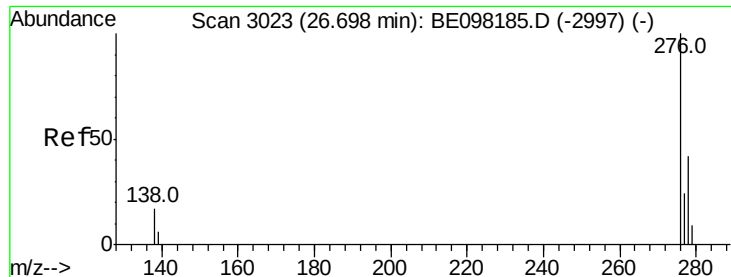


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

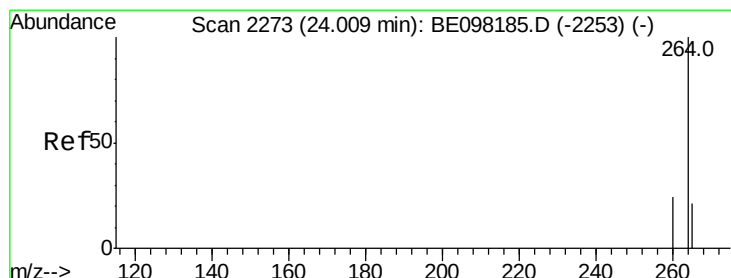
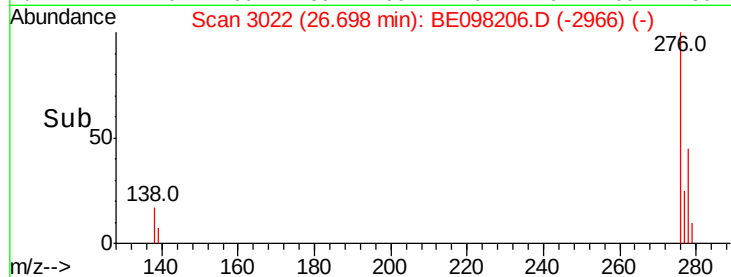
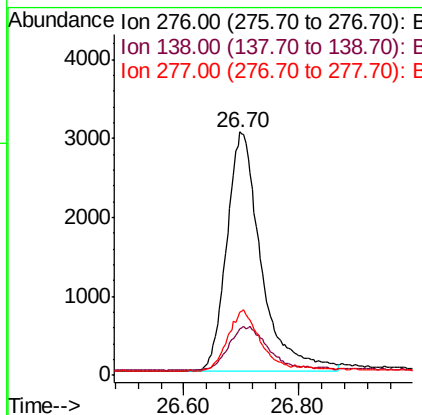
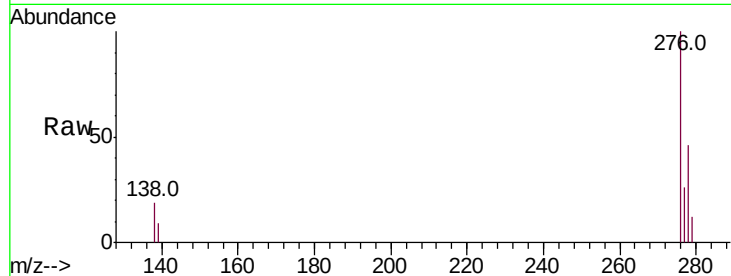




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.406 ng
 RT: 26.70 min Scan# 3022
 Delta R.T. 0.00 min
 Lab File: BE098206.D
 Acq: 13 Nov 2018 1:37

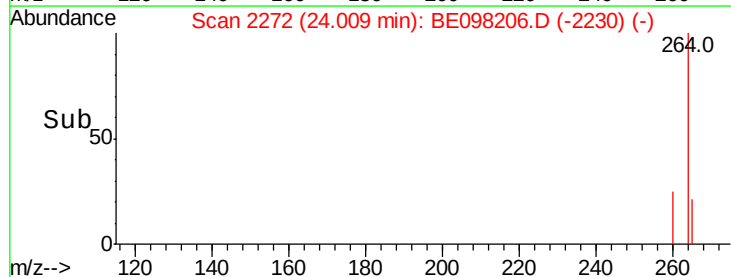
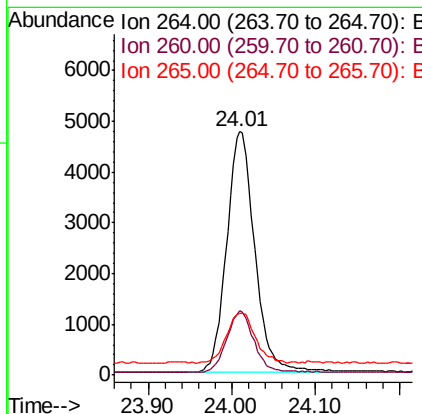
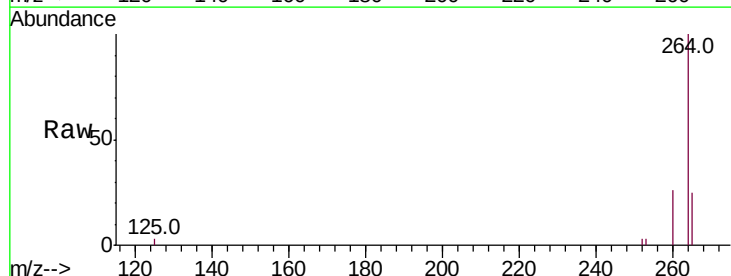
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

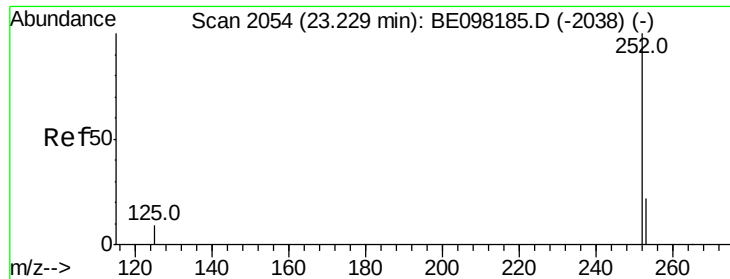
Tot Ion:276 Resp: 12588
 Ion Ratio Lower Upper
 276 100
 138 20.3 6.4 9.6#
 277 23.7 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BE098206.D
 Acq: 13 Nov 2018 1:37

Tgt Ion:264 Resp: 10990
 Ion Ratio Lower Upper
 264 100
 260 26.2 19.9 29.9
 265 25.4 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.379 ng

RT: 23.23 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

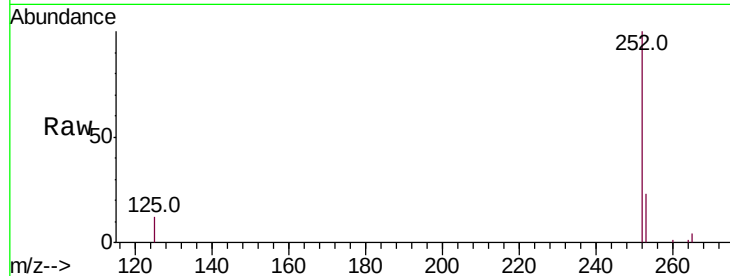
Tot Ion:252 Resp: 11826

Ion Ratio Lower Upper

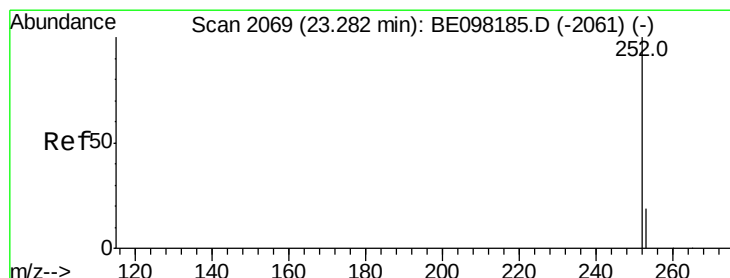
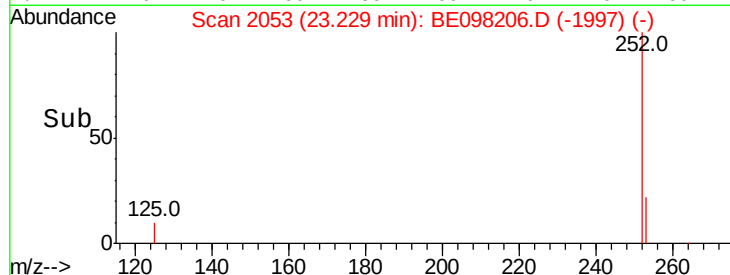
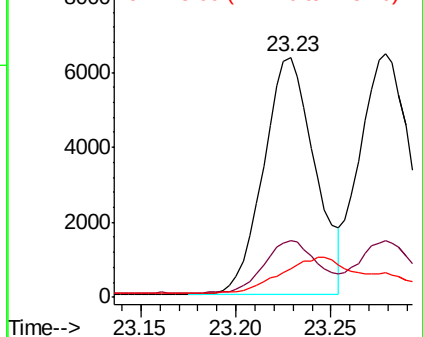
252 100

253 23.4 19.4 29.0

125 11.8 8.6 12.8



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



#36

Benzo(k)fluoranthene

Concen: 0.379 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

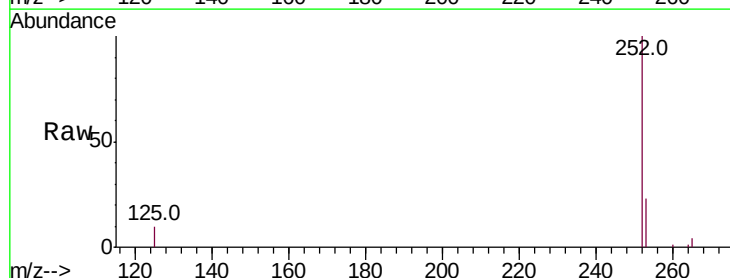
Tgt Ion:252 Resp: 12467

Ion Ratio Lower Upper

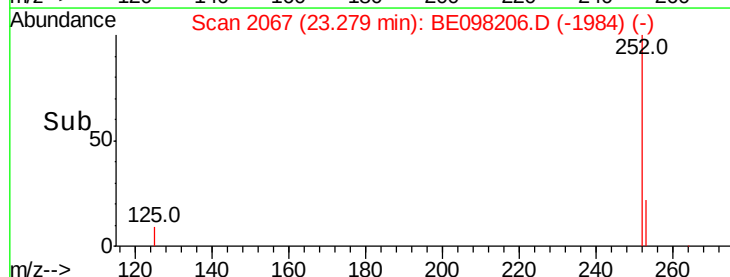
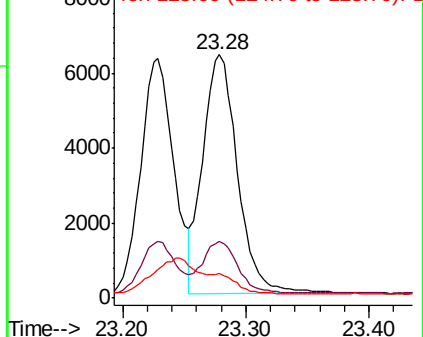
252 100

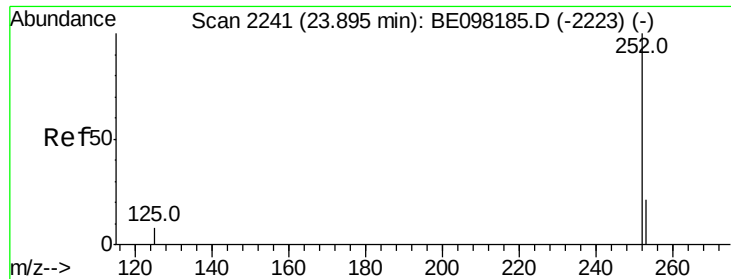
253 23.5 18.6 28.0

125 10.1 7.4 11.0



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: 0.382 ng

RT: 23.90 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

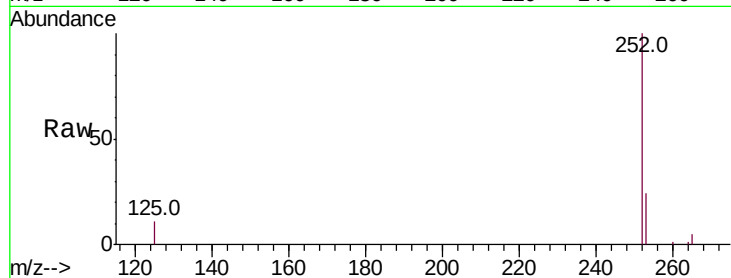
Tot Ion:252 Resp: 11422

Ion Ratio Lower Upper

252 100

253 24.2 18.6 27.8

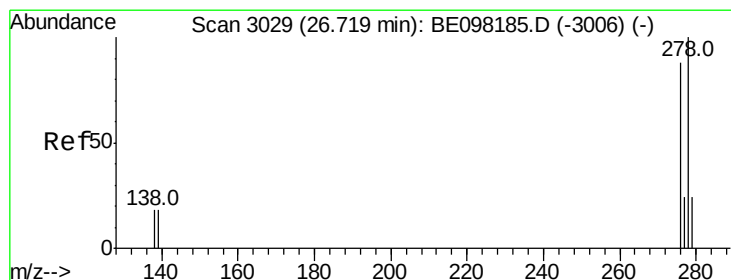
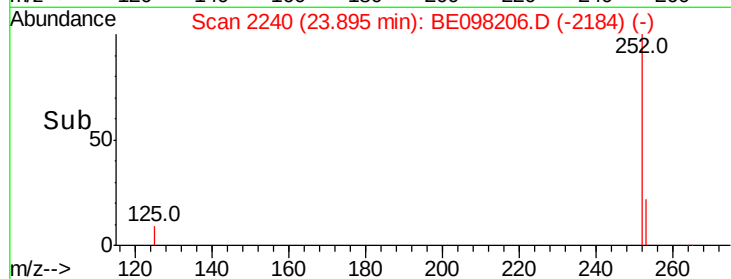
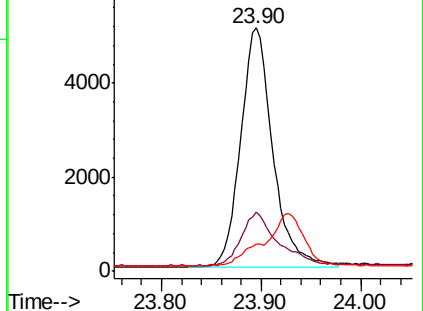
125 11.0 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.407 ng

RT: 26.72 min Scan# 3028

Delta R.T. 0.00 min

Lab File: BE098206.D

Acq: 13 Nov 2018 1:37

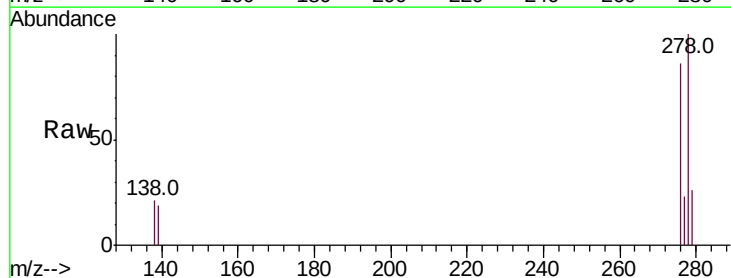
Tgt Ion:278 Resp: 10378

Ion Ratio Lower Upper

278 100

139 19.5 16.4 24.6

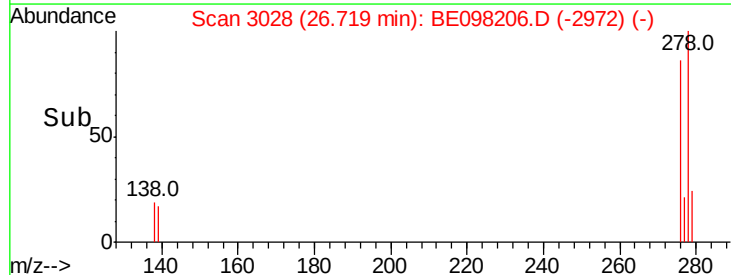
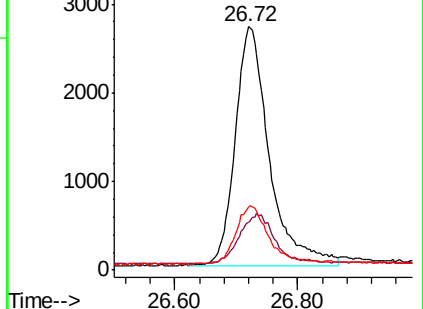
279 25.8 21.3 31.9

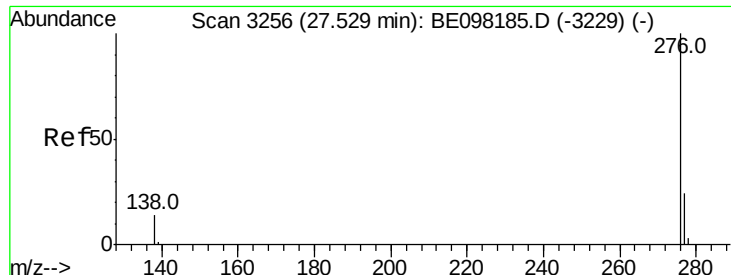


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.384 ng

RT: 27.53 min Scan# 3255

Delta R.T. 0.00 min

Lab File: BE098206.D

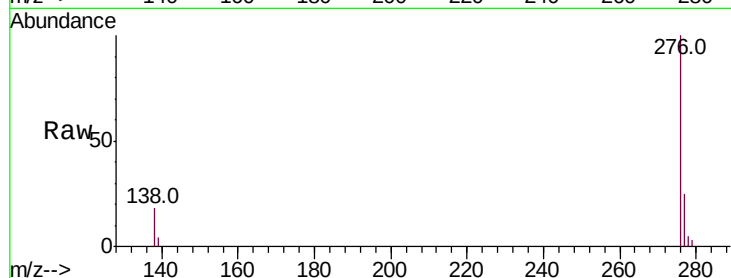
Acq: 13 Nov 2018 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



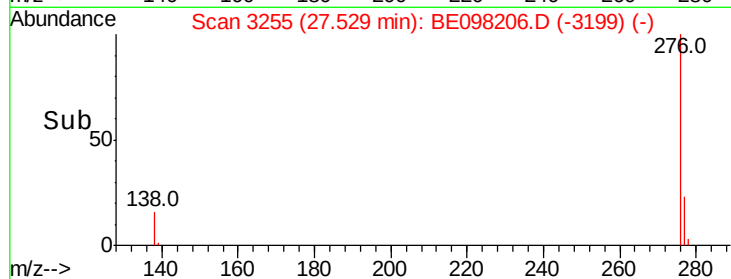
Tot Ion:276 Resp: 10210

Ion Ratio Lower Upper

276 100

277 24.5 20.4 30.6

138 18.1 13.2 19.8



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

