

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE113018\
 Data File : BE098290.D
 Acq On : 30 Nov 2018 17:24
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Nov 30 17:57:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1989	0.40	ng	0.01
7) Naphthalene-d8	10.68	136	8639	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	5668	0.40	ng	0.01
19) Phenanthrene-d10	17.28	188	15604	0.40	ng	0.00
27) Chrysene-d12	21.46	240	15992	0.40	ng	0.00
34) Perylene-d12	24.02	264	14746	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	2014	0.38	ng	0.01
5) Phenol-d6	7.06	99	2893	0.39	ng	0.01
8) Nitrobenzene-d5	9.03	82	3275	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.28	152	5615	0.40	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	906	0.34	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	8966	0.38	ng	0.01
25) Fluoranthene-d10	19.32	212	78466	0.37	ng	0.00
29) Terphenyl-d14	19.91	244	15501	0.43	ng	0.00

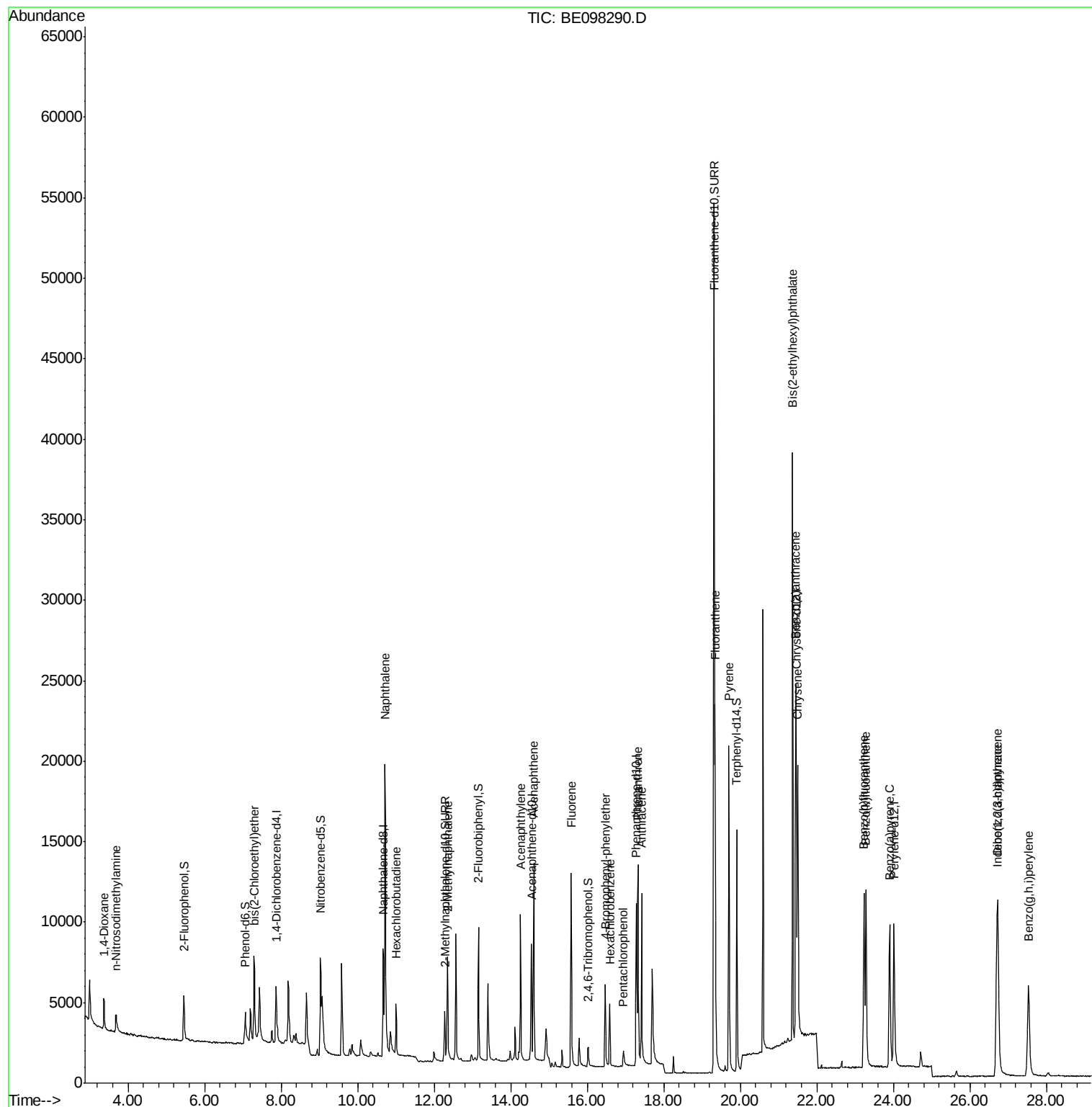
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1333	0.377	ng	96
3) n-Nitrosodimethylamine	3.68	42	1208	0.316	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	2614	0.380	ng	91
9) Naphthalene	10.72	128	34156	0.394	ng	99
10) Hexachlorobutadiene	11.00	225	2171	0.390	ng	98
12) 2-Methylnaphthalene	12.35	142	5670	0.393	ng	95
16) Acenaphthylene	14.25	152	10394	0.393	ng	99
17) Acenaphthene	14.60	154	6040	0.383	ng	97
18) Fluorene	15.58	166	8377	0.401	ng	100
20) 4-Bromophenyl-phenylether	16.48	248	3179	0.360	ng	# 79
21) Hexachlorobenzene	16.59	284	3427	0.375	ng	98
22) Pentachlorophenol	16.94	266	752	0.298	ng	98
23) Phenanthrene	17.33	178	14925	0.385	ng	99
24) Anthracene	17.42	178	13409	0.371	ng	99
26) Fluoranthene	19.34	202	19868	0.376	ng	100
28) Pyrene	19.71	202	20610	0.465	ng	99
30) Benzo(a)anthracene	21.45	228	17815	0.378	ng	99
31) Chrysene	21.50	228	19117	0.400	ng	97
32) Bis(2-ethylhexyl)phthalate	21.37	149	39619	0.351	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	18671	0.386	ng	98
35) Benzo(b)fluoranthene	23.23	252	16485	0.381	ng	99
36) Benzo(k)fluoranthene	23.28	252	18372	0.405	ng	98
37) Benzo(a)pyrene	23.90	252	16425	0.394	ng	97
38) Dibenzo(a,h)anthracene	26.73	278	15648	0.396	ng	98
39) Benzo(g,h,i)perylene	27.53	276	15457	0.391	ng	98

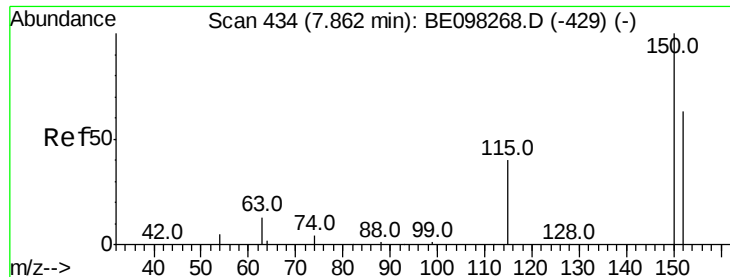
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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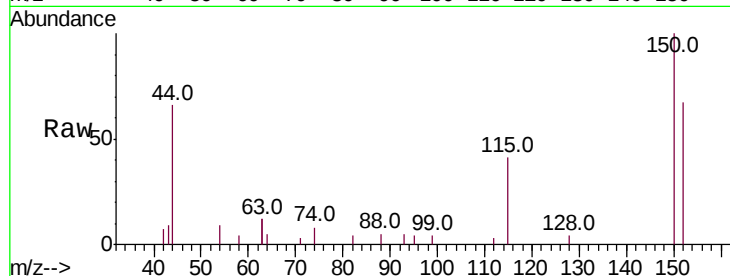


#1

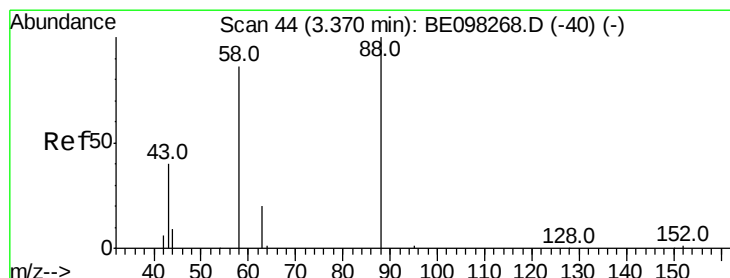
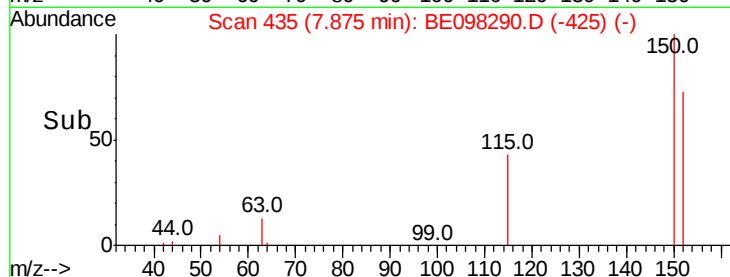
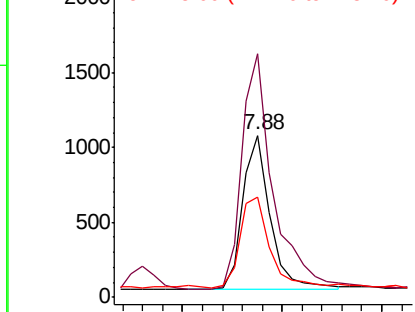
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098290.D
Acq: 30 Nov 2018 17:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1989
Ion Ratio Lower Upper
152 100
150 150.2 124.2 186.4
115 62.0 53.9 80.9



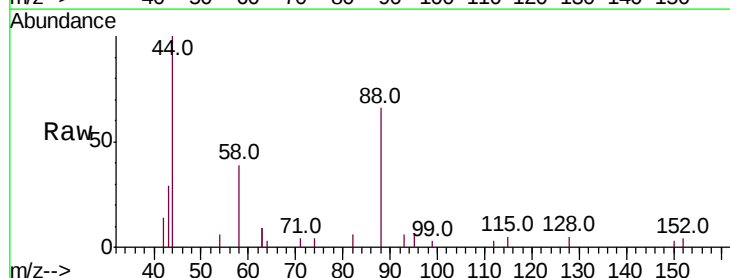
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



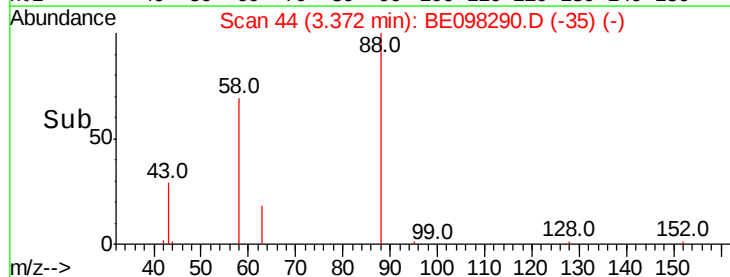
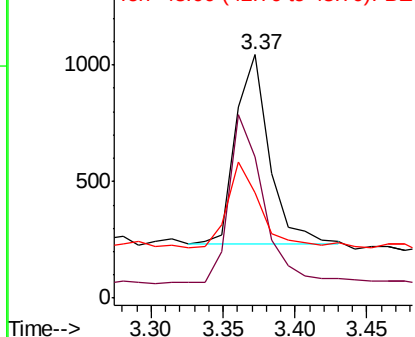
#2

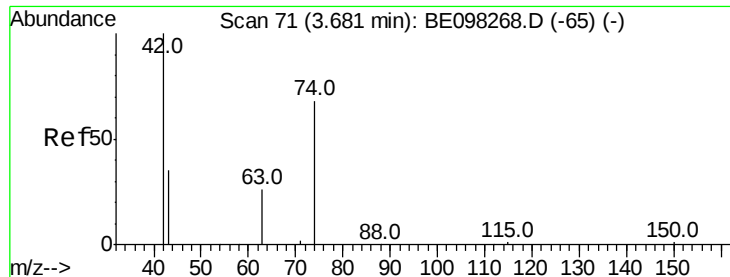
1,4-Dioxane
Concen: 0.377 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098290.D
Acq: 30 Nov 2018 17:24

Tgt Ion: 88 Resp: 1333
Ion Ratio Lower Upper
88 100
58 91.3 75.0 112.6
43 43.0 38.3 57.5



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: 0.316 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

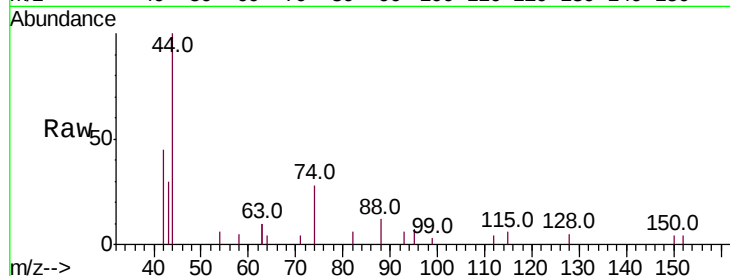
Tot Ion: 42 Resp: 1208

Ion Ratio Lower Upper

42 100

74 84.1 0.0 0.0#

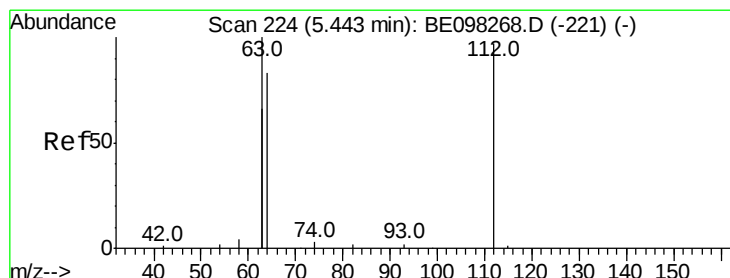
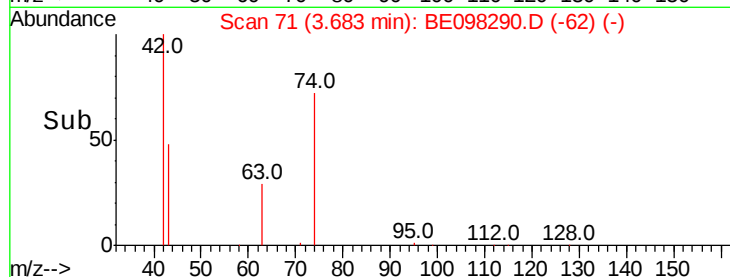
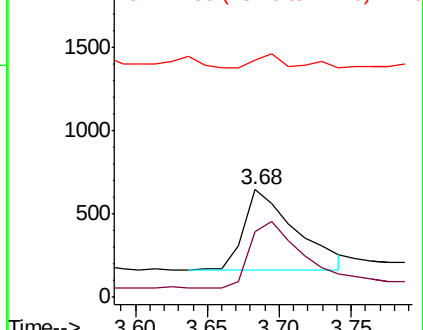
44 9.4 0.0 0.0#



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: 0.379 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

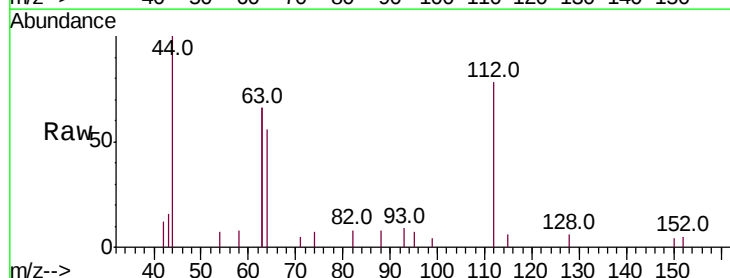
Tgt Ion: 112 Resp: 2014

Ion Ratio Lower Upper

112 100

64 75.5 59.8 89.8

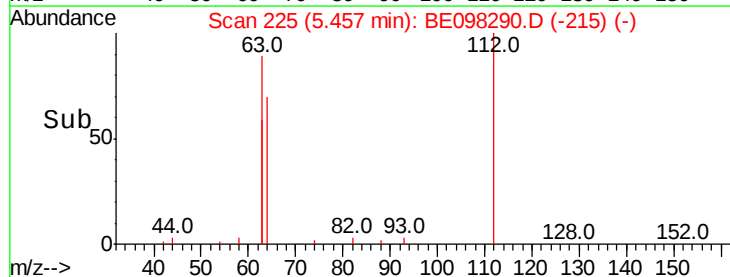
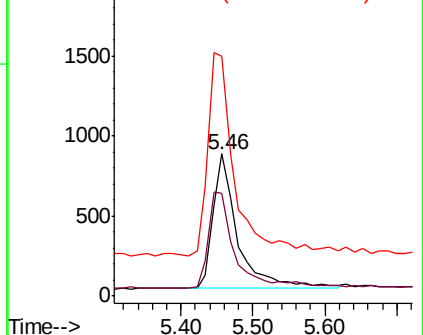
63 165.6 133.7 200.5

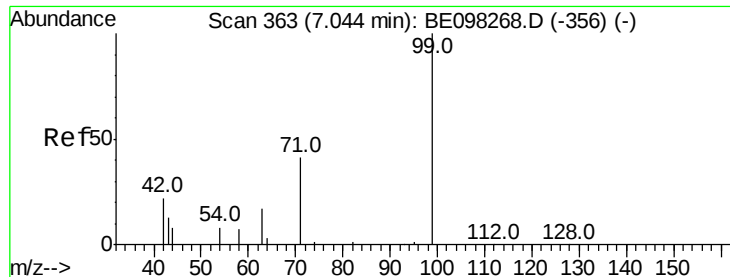


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.387 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

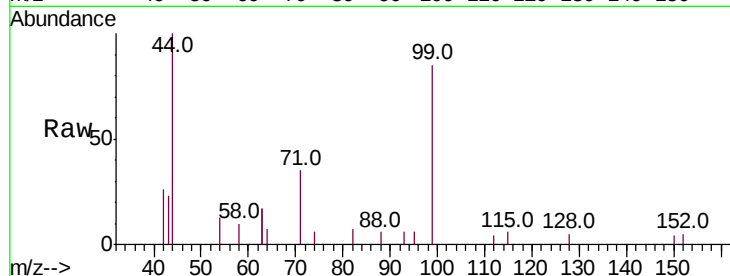
Tot Ion: 99 Resp: 2893

Ion Ratio Lower Upper

99 100

42 26.1 26.3 39.5#

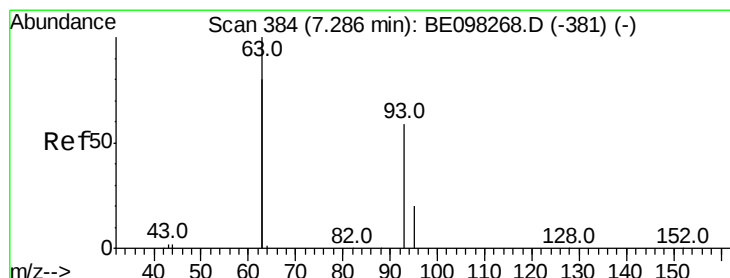
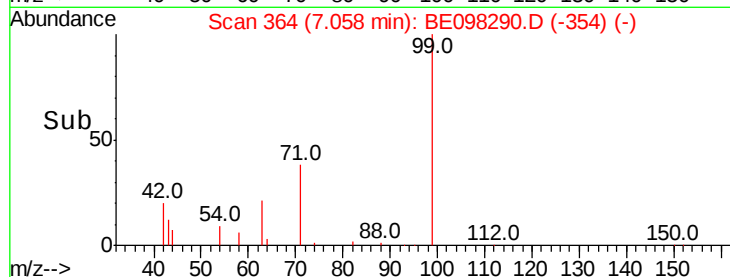
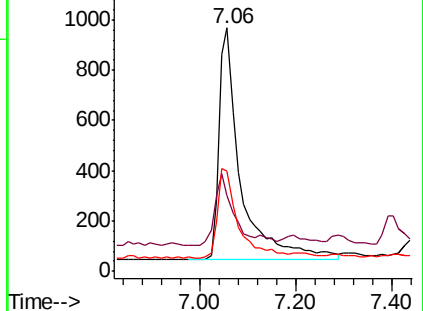
71 37.2 33.6 50.4



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: 0.380 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

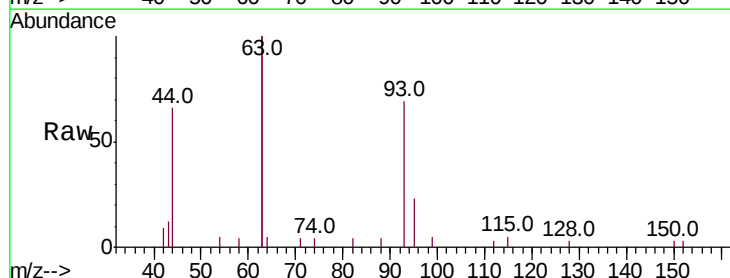
Tgt Ion: 93 Resp: 2614

Ion Ratio Lower Upper

93 100

63 312.2 264.4 396.6

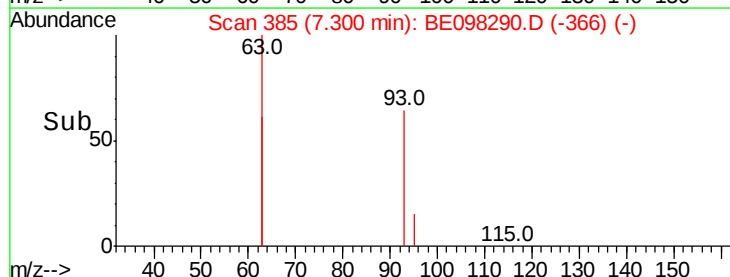
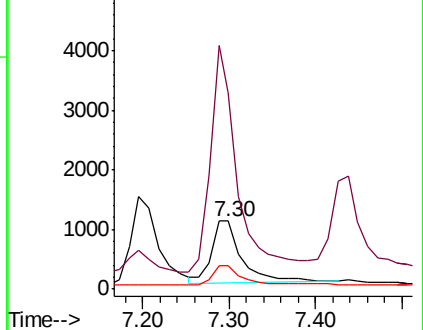
95 29.9 26.6 40.0

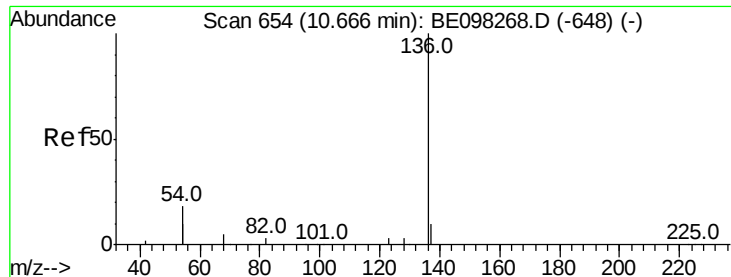


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 8639

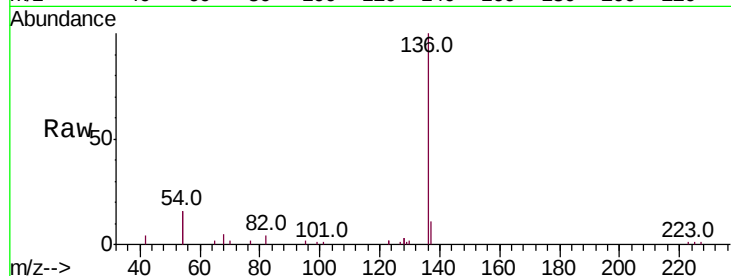
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 31.9 28.4 42.6

68 5.5 5.4 8.0

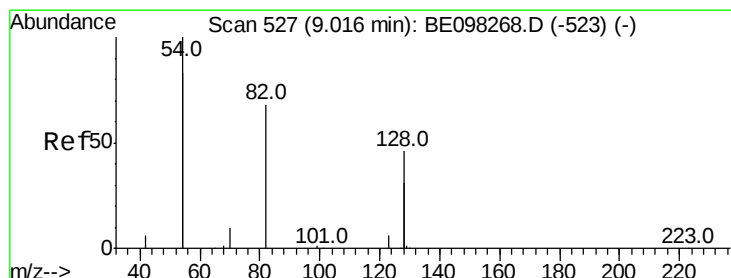
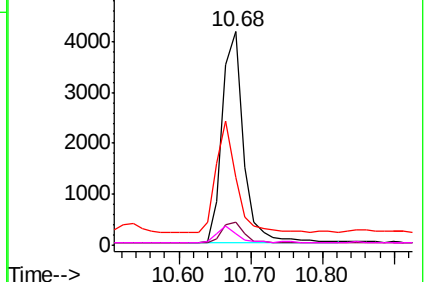
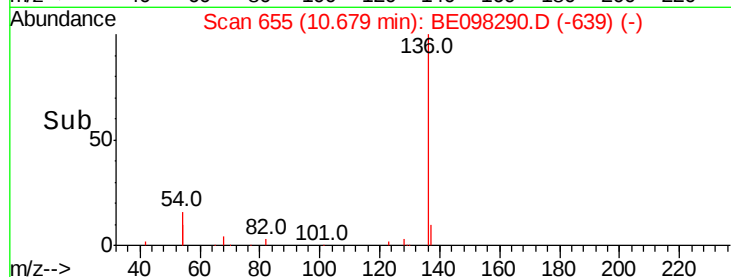


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

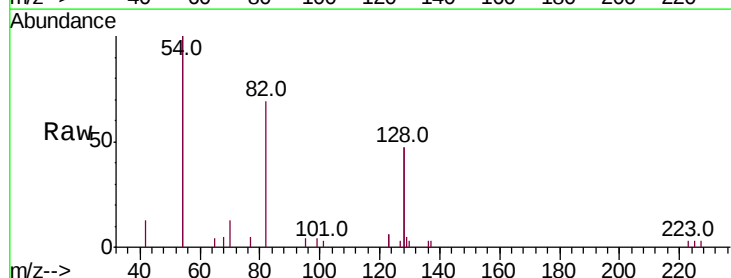
Tgt Ion: 82 Resp: 3275

Ion Ratio Lower Upper

82 100

128 135.1 102.4 153.6

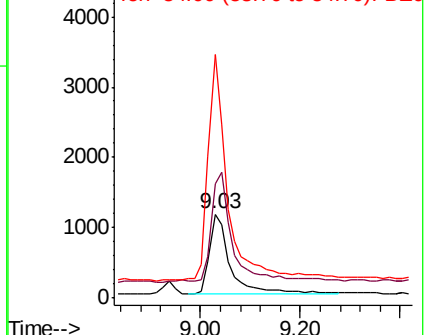
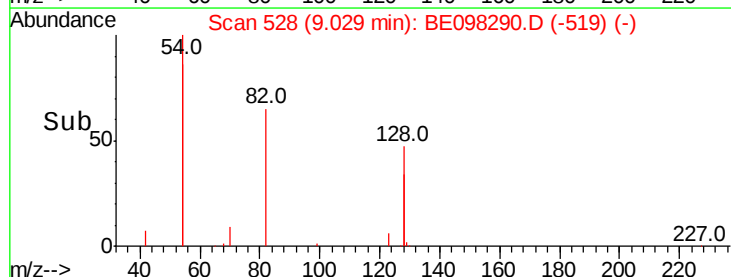
54 289.0 221.8 332.8

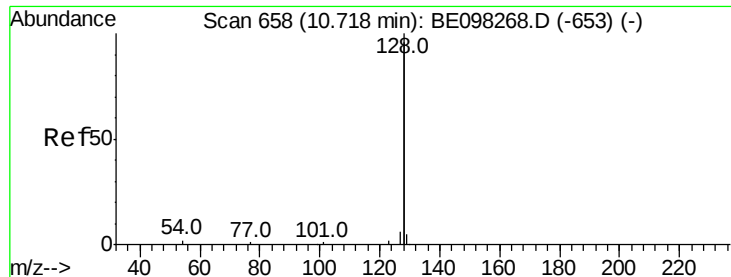


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.394 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

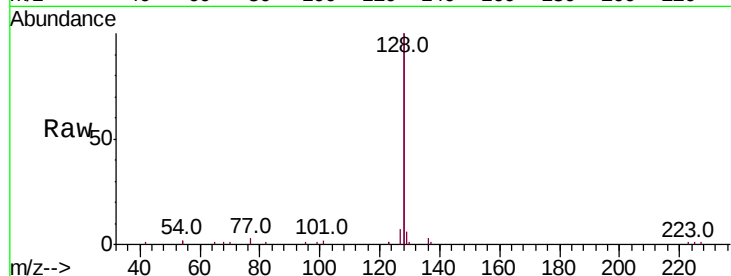
Tot Ion:128 Resp: 34156

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

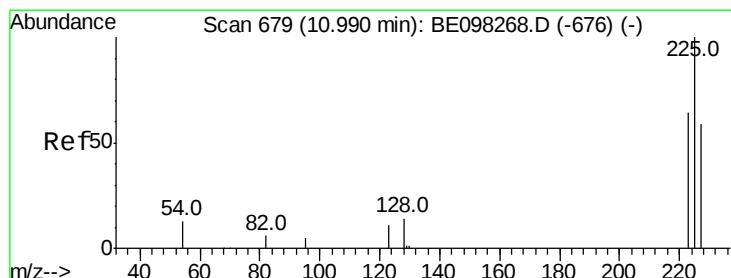
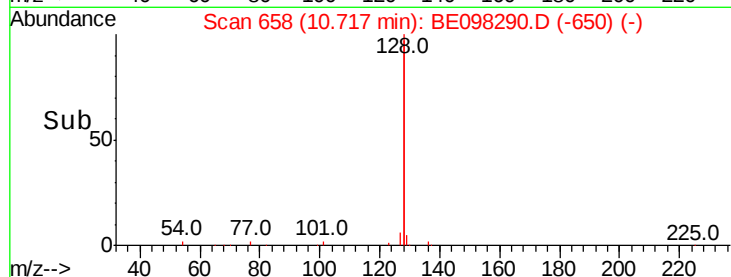
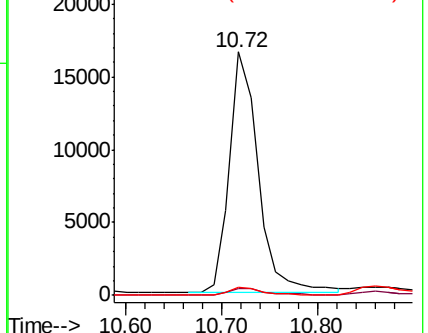
127 3.5 2.7 4.1



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: 0.390 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

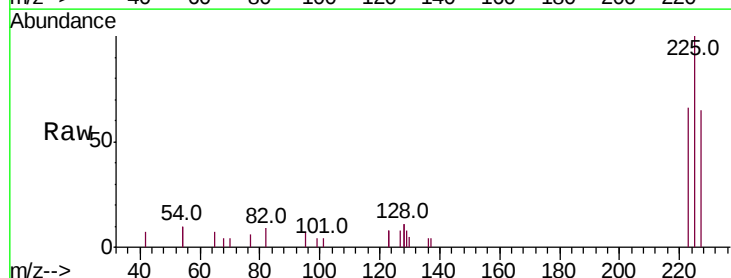
Tgt Ion:225 Resp: 2171

Ion Ratio Lower Upper

225 100

223 64.1 49.4 74.0

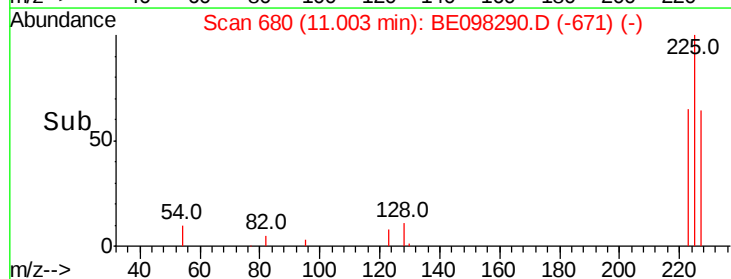
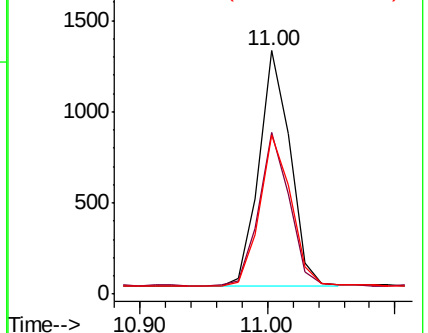
227 65.0 52.0 78.0

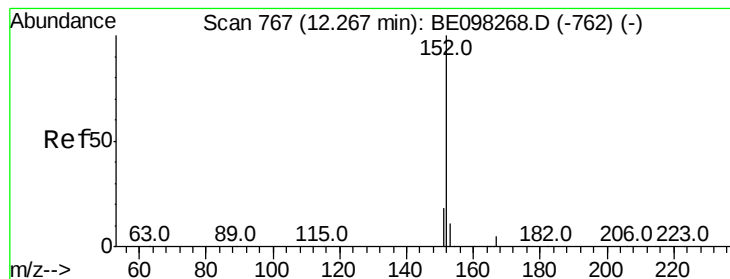


Abundance Ion 225.00 (224.70 to 225.70): E

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: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

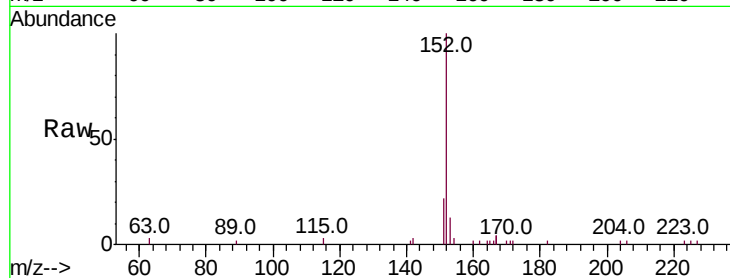
SSTDCCC0.4EC

Tot Ion:152 Resp: 5615

Ion Ratio Lower Upper

152 100

151 18.9 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

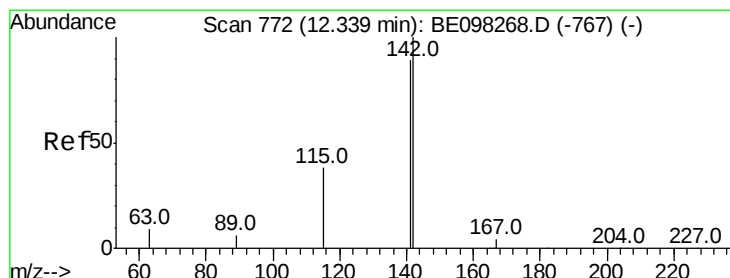
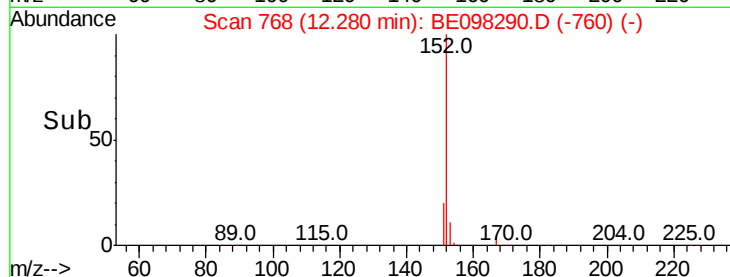
1500

1000

500

0

Time--> 12.20 12.28 12.40



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

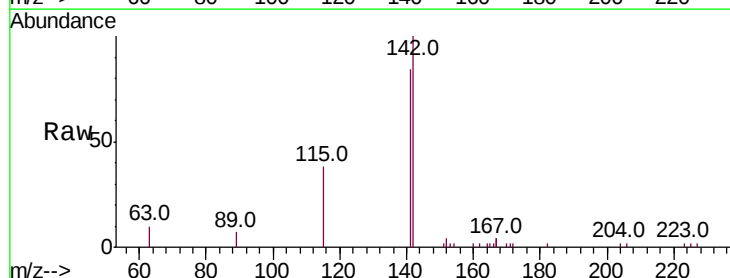
Tgt Ion:142 Resp: 5670

Ion Ratio Lower Upper

142 100

141 83.7 71.0 106.6

115 38.4 32.2 48.2



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

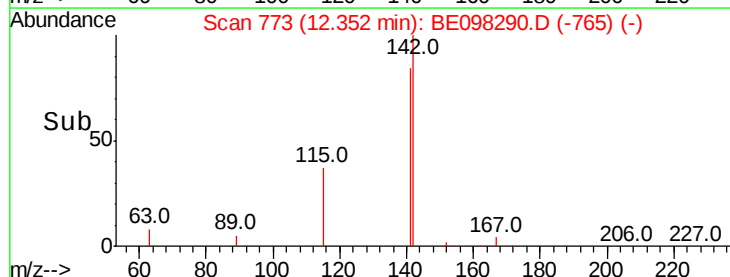
3000

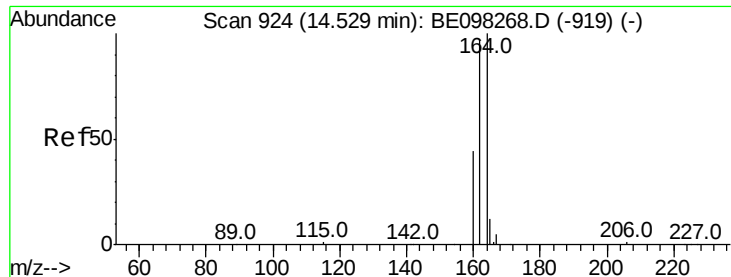
2000

1000

0

Time--> 12.30 12.35 12.40

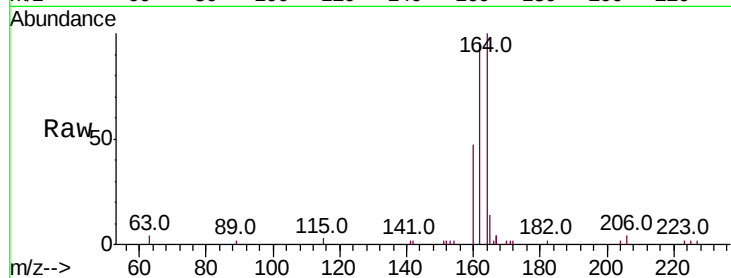




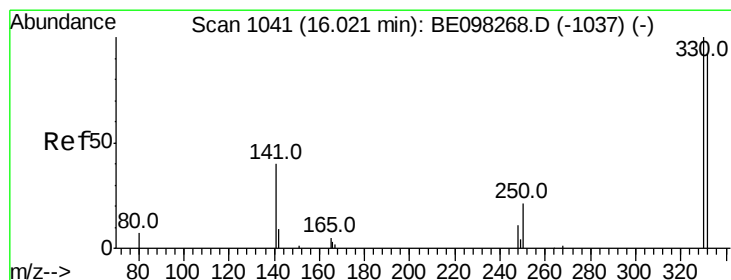
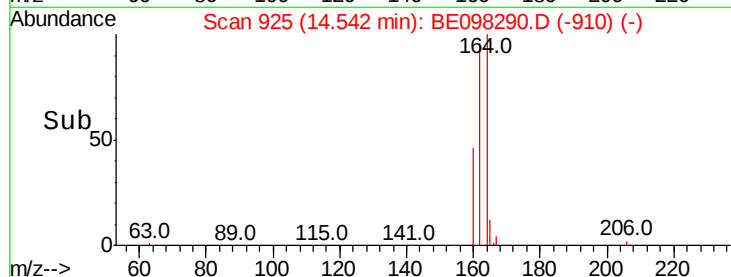
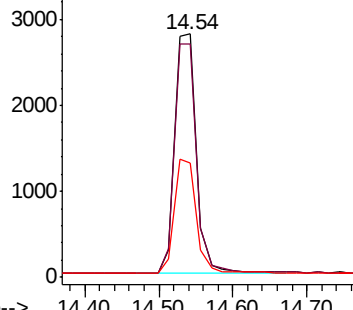
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE098290.D
Acq: 30 Nov 2018 17:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 5668
Ion Ratio Lower Upper
164 100
162 96.1 77.6 116.4
160 46.9 36.0 54.0

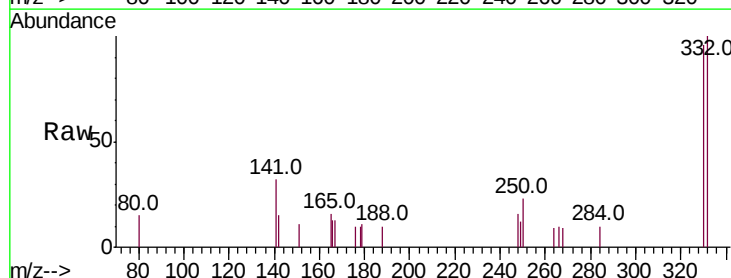


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

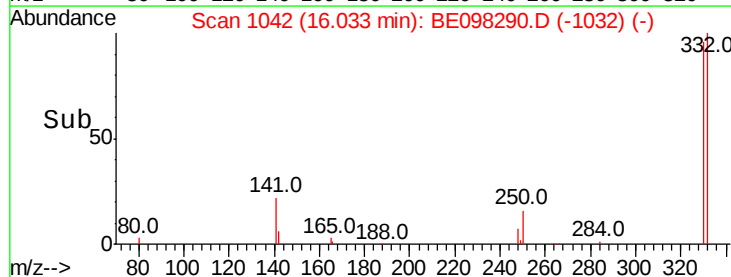
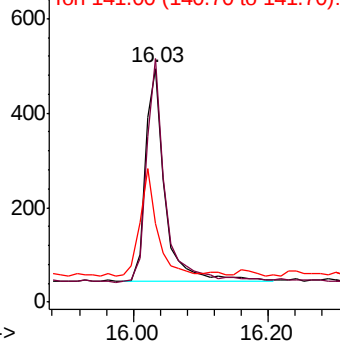


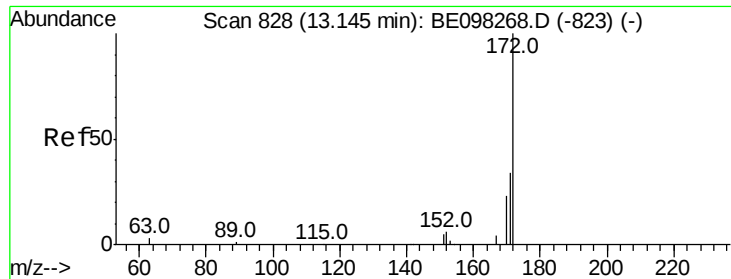
#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098290.D
Acq: 30 Nov 2018 17:24

Tgt Ion:330 Resp: 906
Ion Ratio Lower Upper
330 100
332 104.0 76.2 114.4
141 44.3 39.0 58.4



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

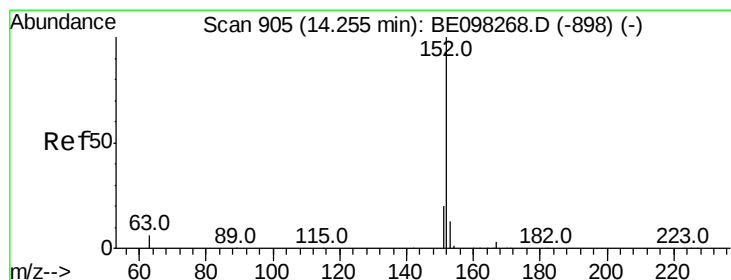
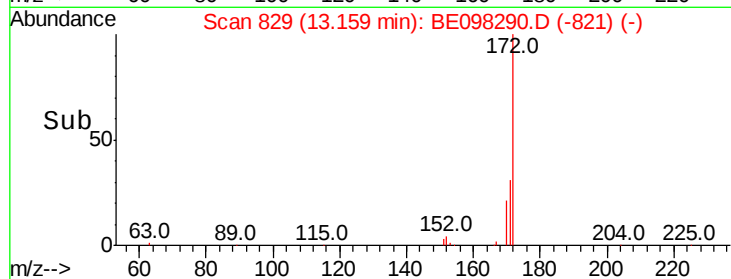
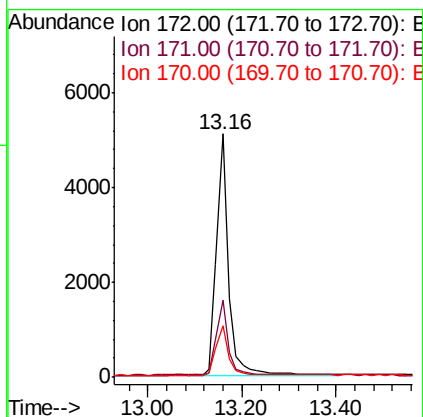
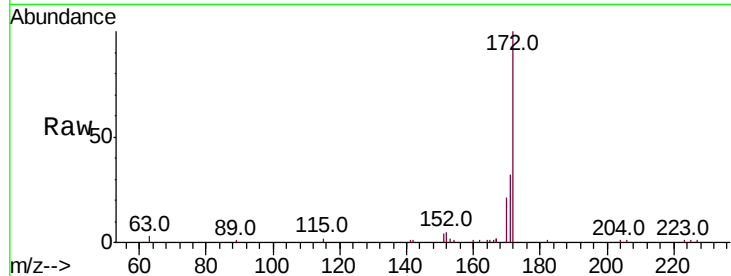




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098290.D
Acq: 30 Nov 2018 17:24

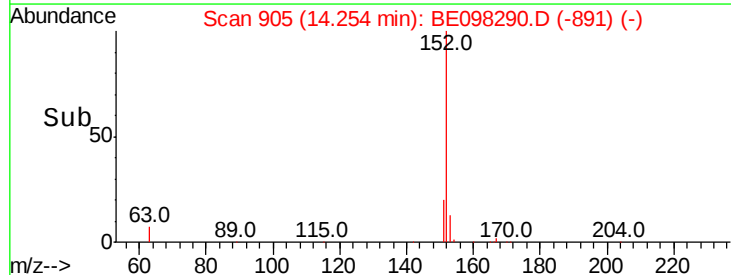
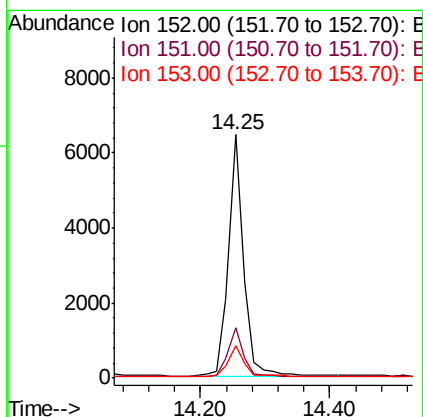
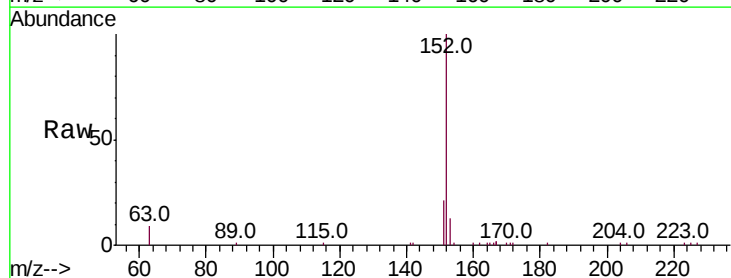
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

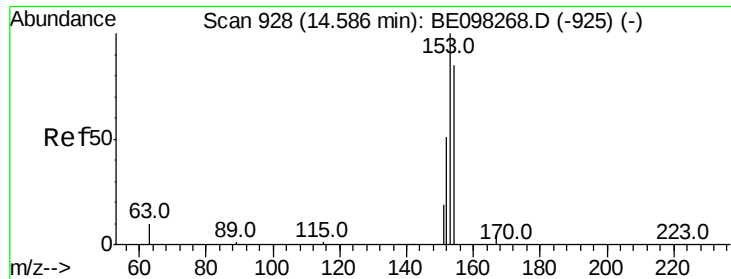
Tot Ion:172 Resp: 8966
Ion Ratio Lower Upper
172 100
171 31.9 27.5 41.3
170 21.3 19.6 29.4



#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098290.D
Acq: 30 Nov 2018 17:24

Tgt Ion:152 Resp: 10394
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.383 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

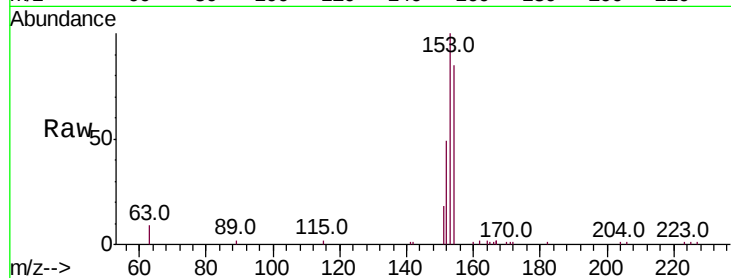
Tot Ion:154 Resp: 6040

Ion Ratio Lower Upper

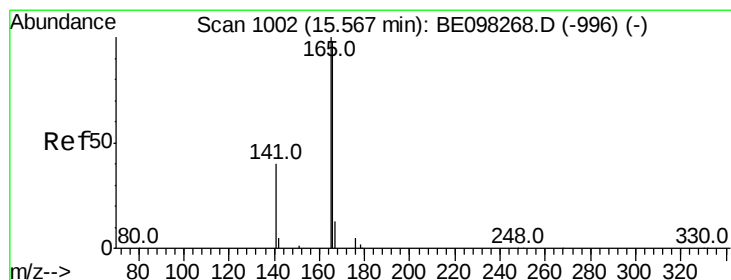
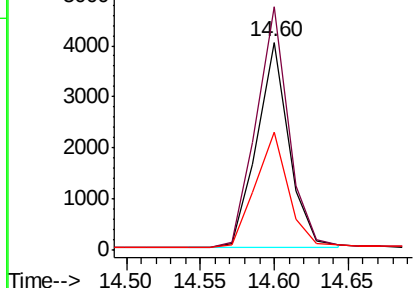
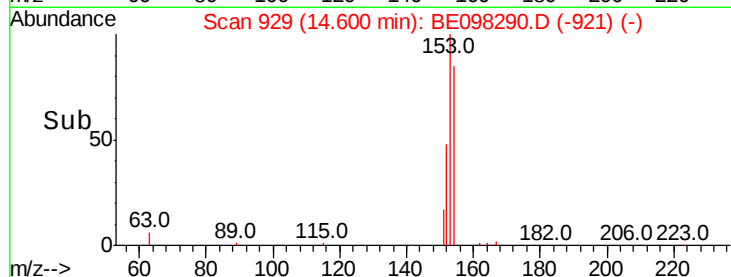
154 100

153 118.6 91.8 137.6

152 58.3 45.5 68.3



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: 0.401 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

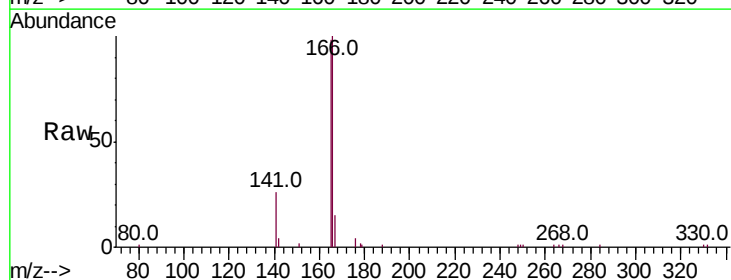
Tgt Ion:166 Resp: 8377

Ion Ratio Lower Upper

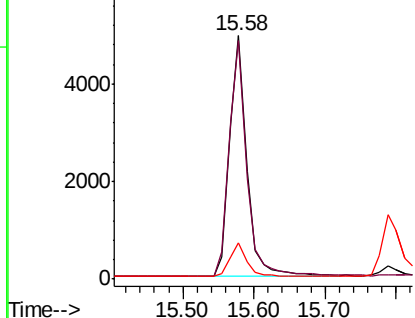
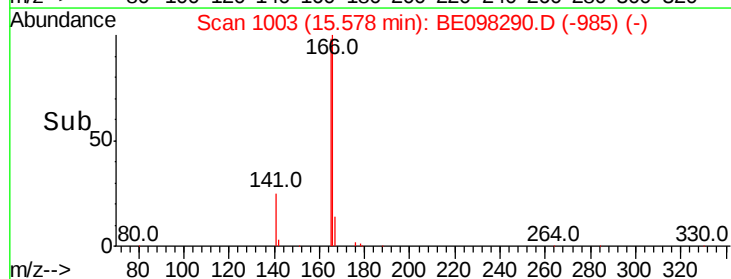
166 100

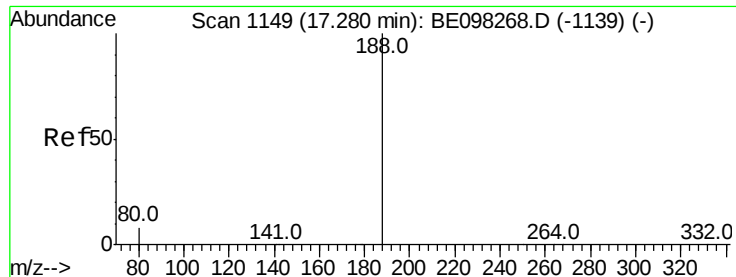
165 99.4 79.3 118.9

167 14.2 11.3 16.9



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: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

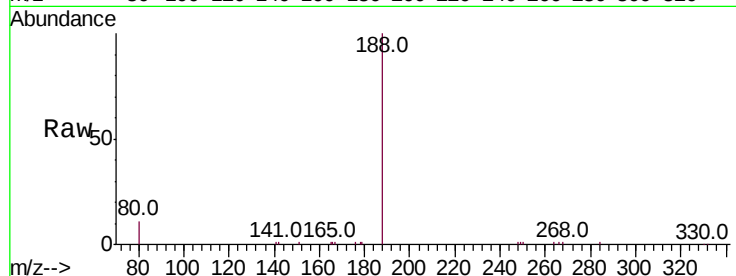
Tot Ion:188 Resp: 15604

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

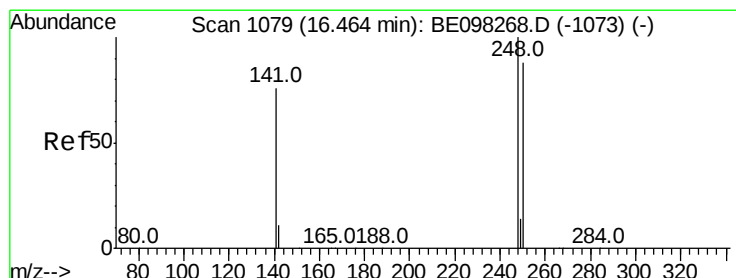
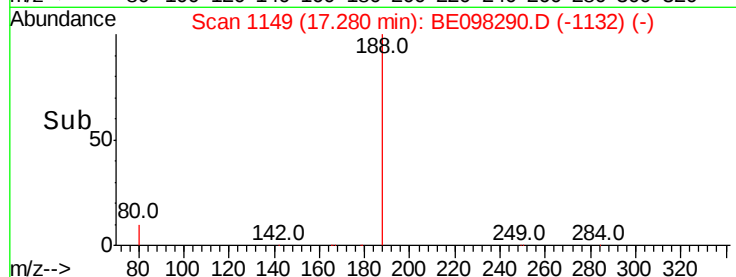
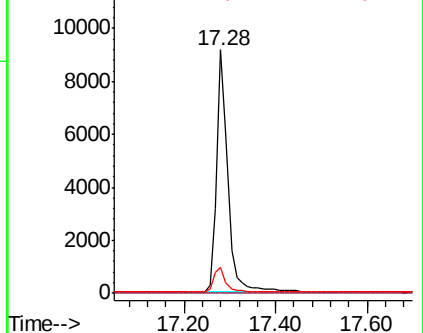
80 10.5 7.2 10.8



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: 0.360 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

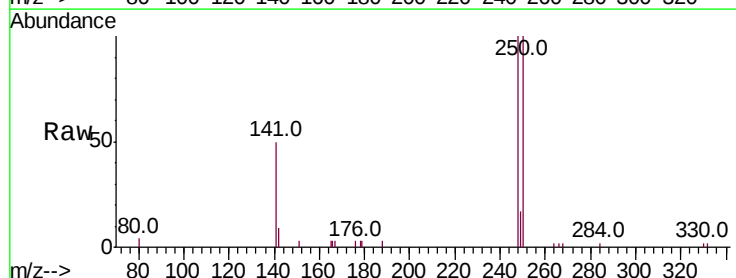
Tgt Ion:248 Resp: 3179

Ion Ratio Lower Upper

248 100

250 100.2 71.0 106.6

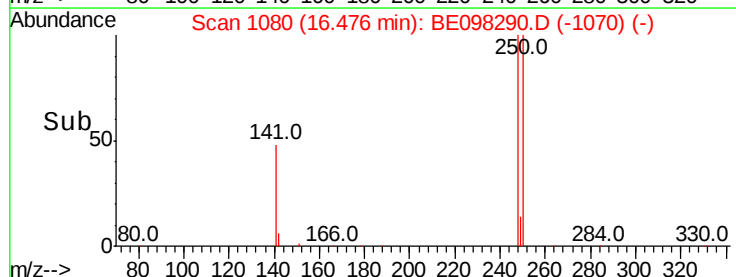
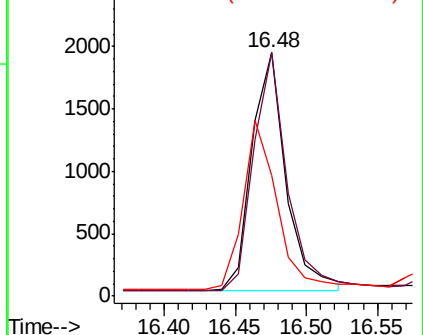
141 49.7 62.1 93.1#

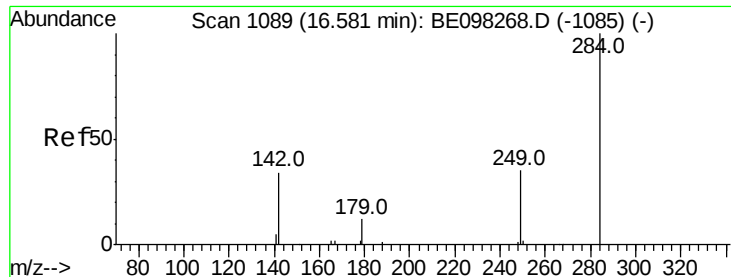


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.375 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

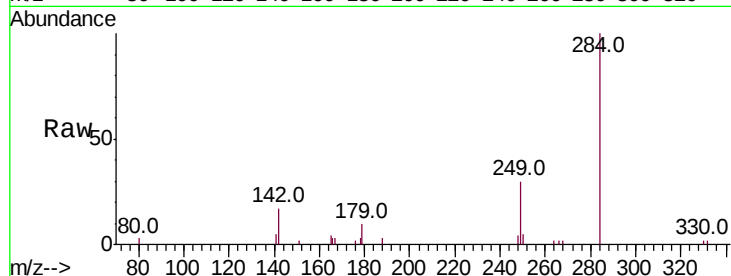
Tot Ion:284 Resp: 3427

Ion Ratio Lower Upper

284 100

142 34.5 26.3 39.5

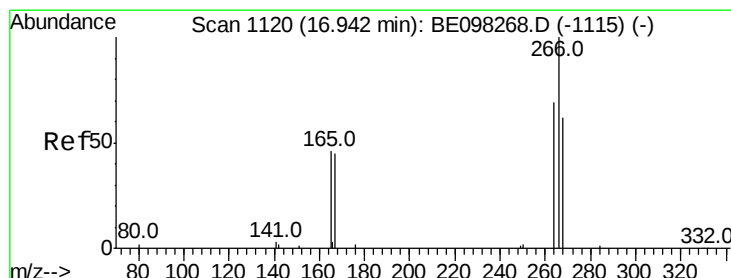
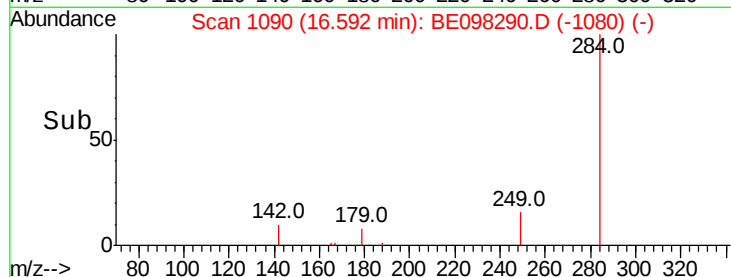
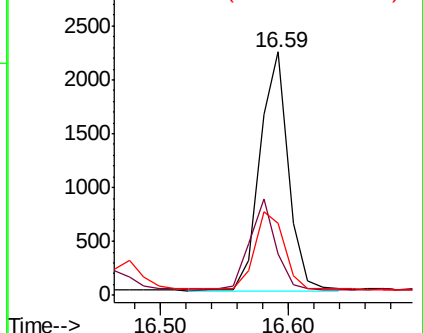
249 33.5 26.0 39.0



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: 0.298 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

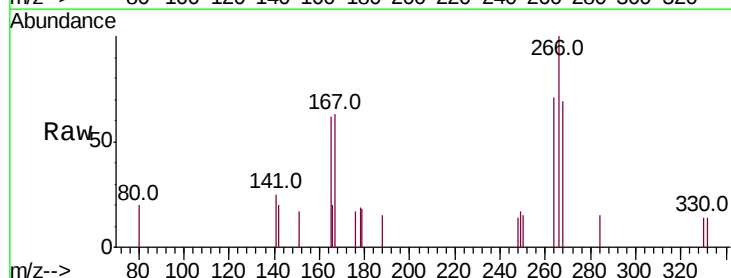
Tgt Ion:266 Resp: 752

Ion Ratio Lower Upper

266 100

264 70.6 59.0 88.4

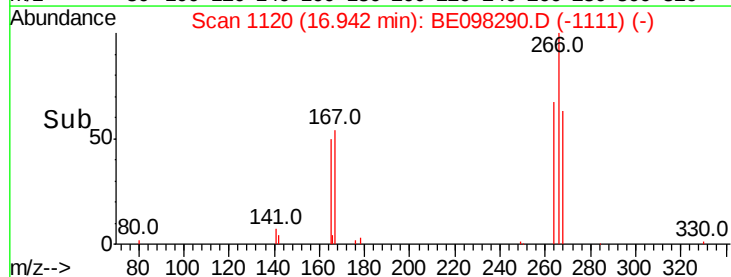
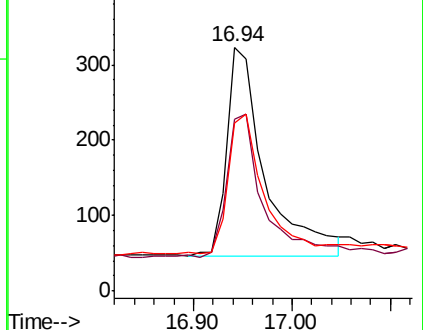
268 69.0 55.1 82.7

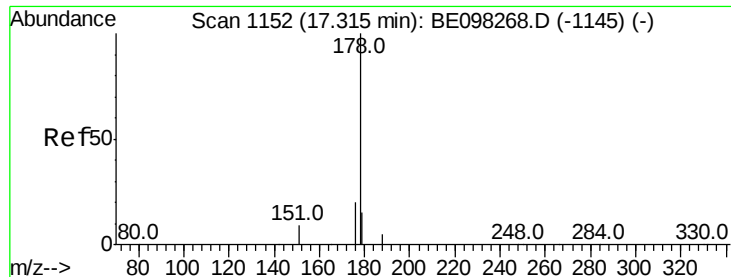


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

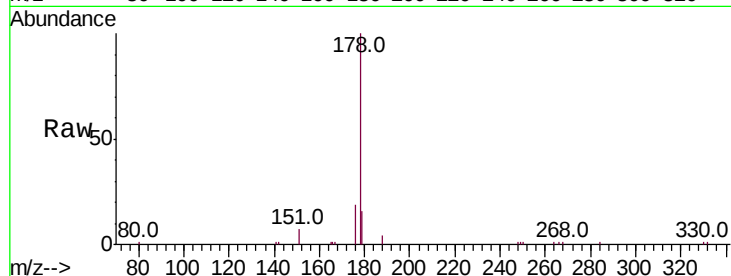
Tot Ion:178 Resp: 14925

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

179 15.3 12.3 18.5

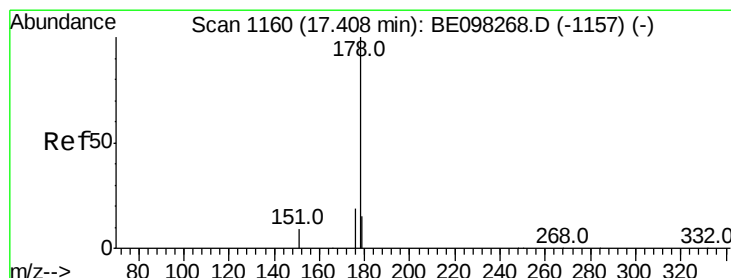
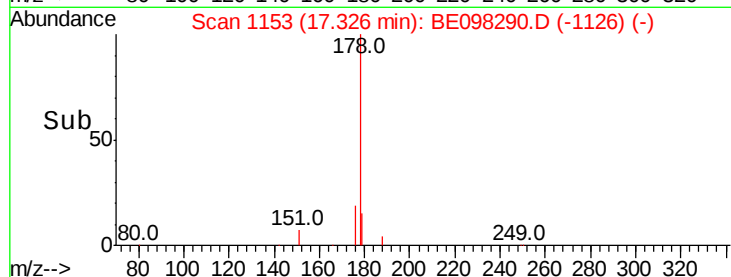
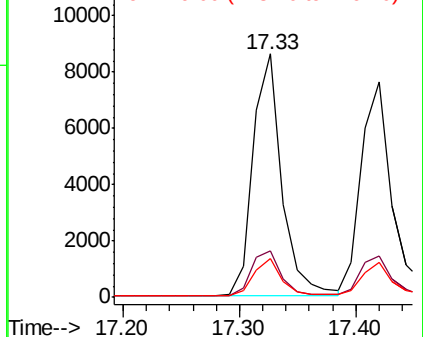


Abundance

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: 0.371 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

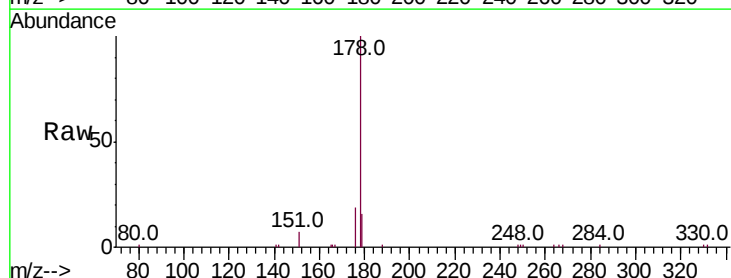
Tgt Ion:178 Resp: 13409

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

179 15.0 12.3 18.5

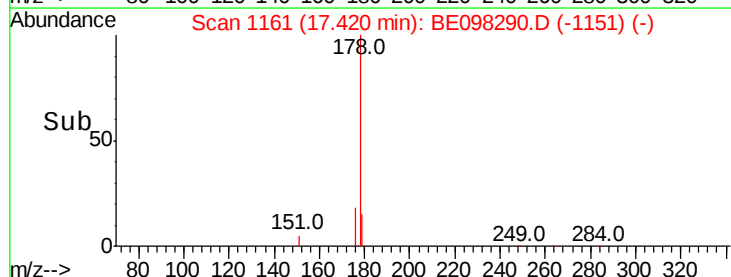
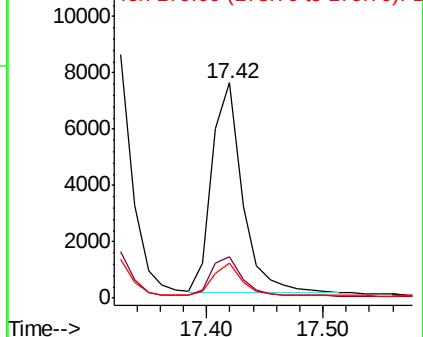


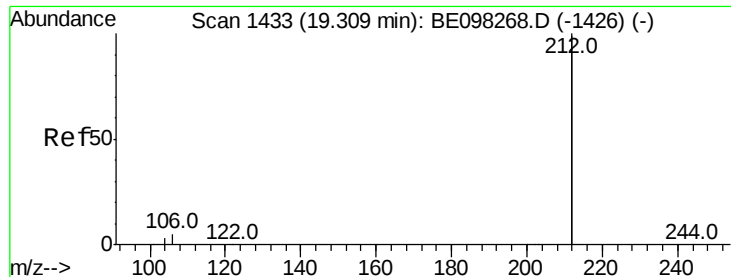
Abundance

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





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.32 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

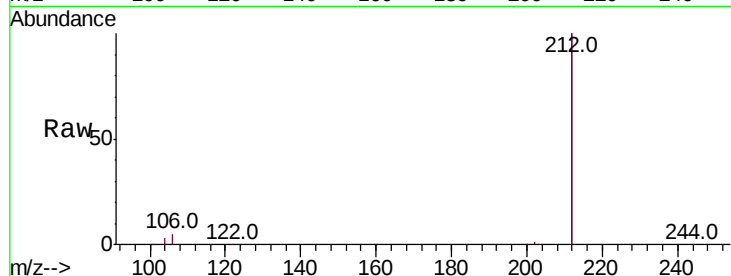
Tot Ion:212 Resp: 78466

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

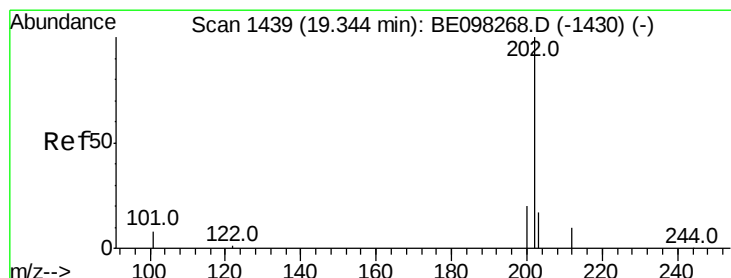
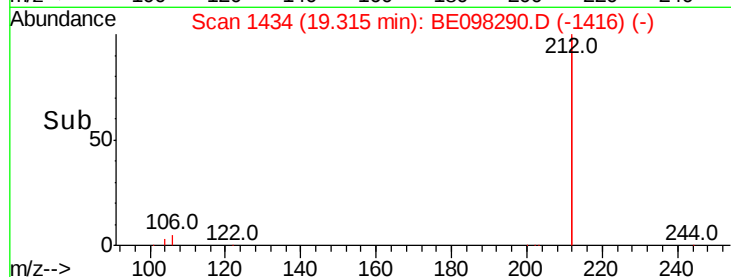
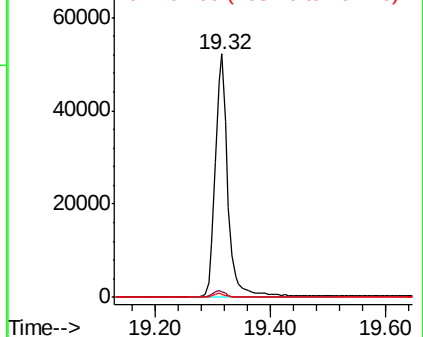
104 1.6 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.376 ng

RT: 19.34 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

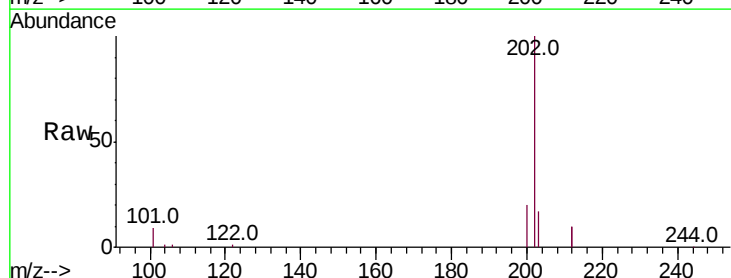
Tgt Ion:202 Resp: 19868

Ion Ratio Lower Upper

202 100

101 10.0 8.0 12.0

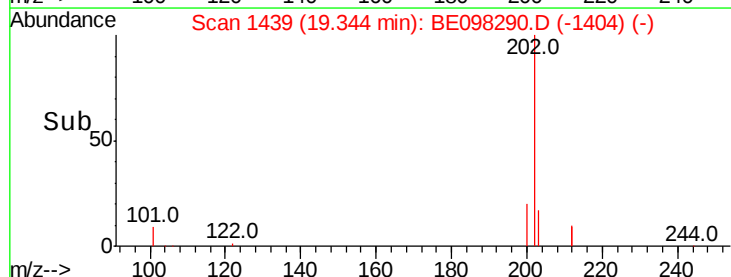
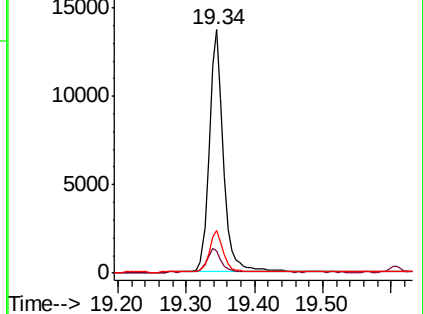
203 17.0 13.8 20.6

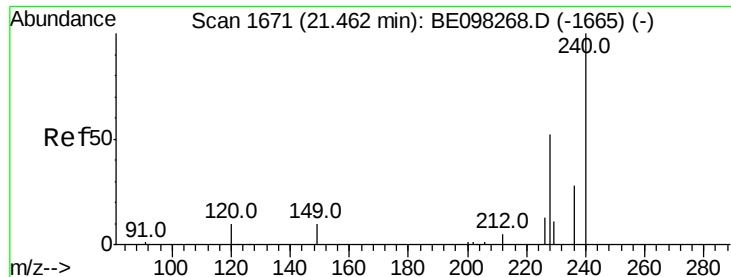


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

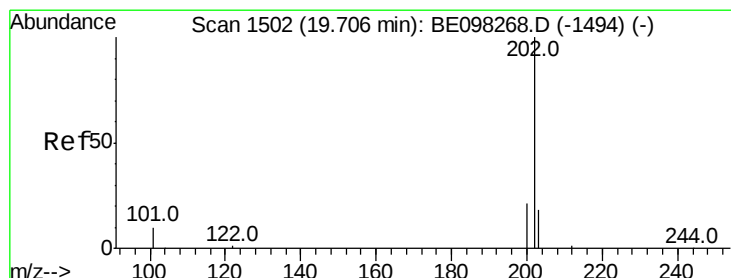
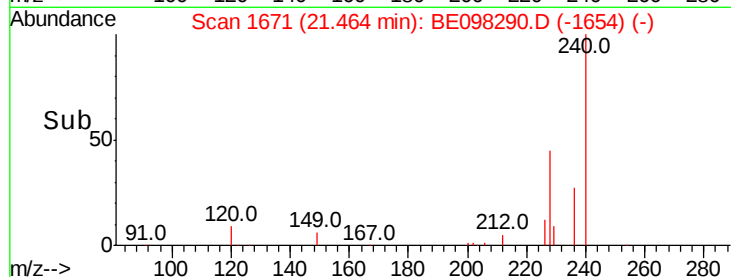
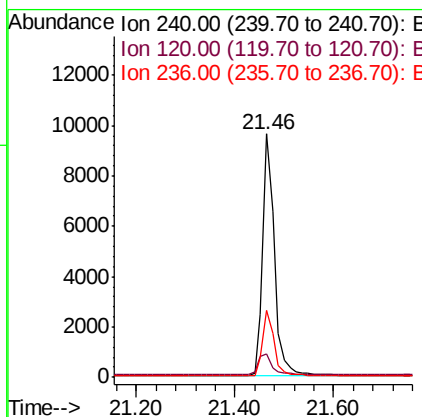
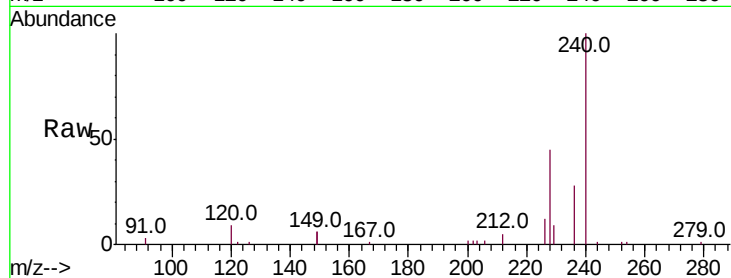




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098290.D
Acq: 30 Nov 2018 17:24

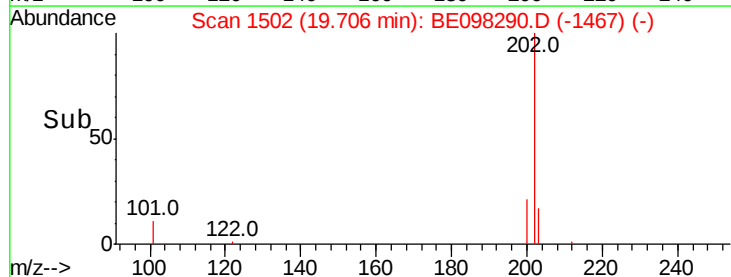
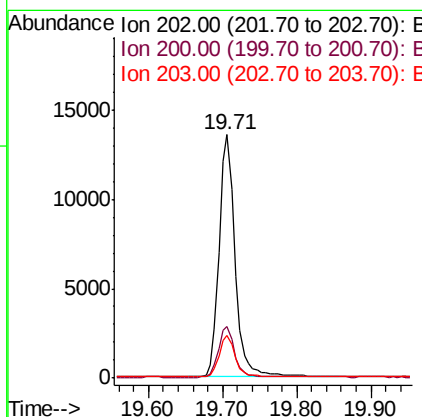
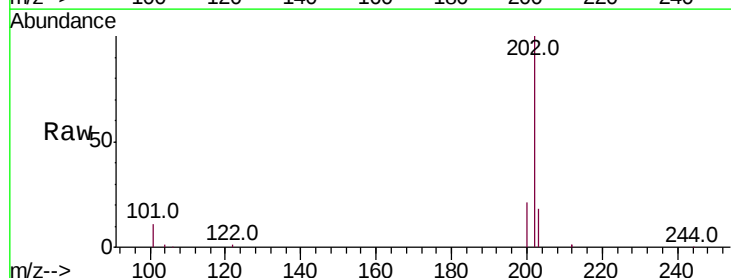
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

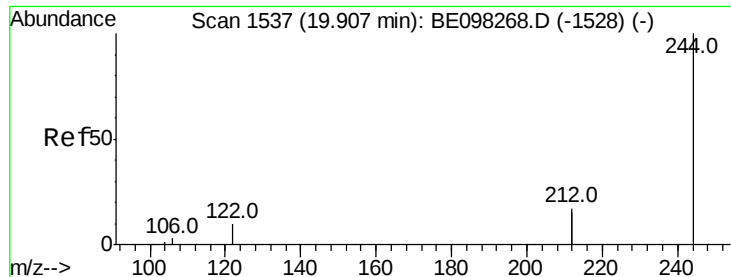
Tot Ion:240 Resp: 15992
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3#
236 27.6 22.7 34.1



#28
Pyrene
Concen: 0.465 ng
RT: 19.71 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE098290.D
Acq: 30 Nov 2018 17:24

Tgt Ion:202 Resp: 20610
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.3 14.1 21.1





#29

Terphenyl-d14

Concen: 0.431 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

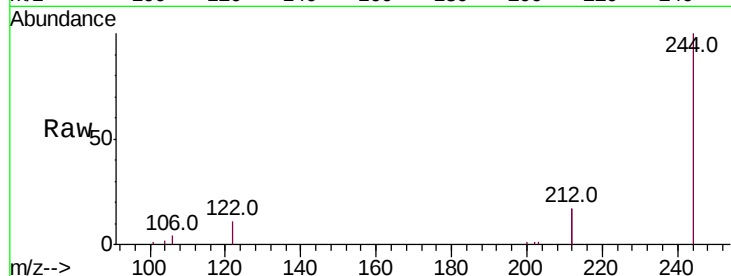
Tot Ion:244 Resp: 15501

Ion Ratio Lower Upper

244 100

212 34.8 27.4 41.0

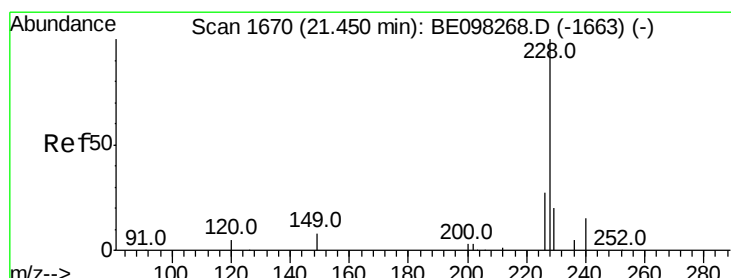
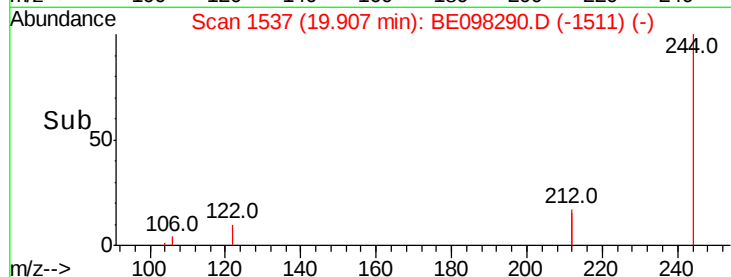
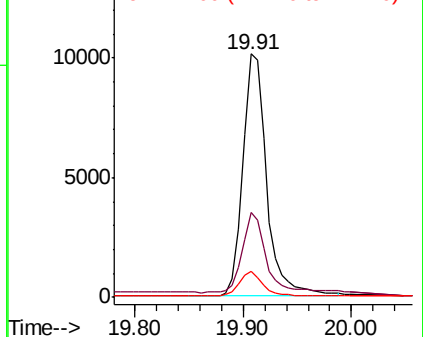
122 10.8 8.3 12.5



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: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

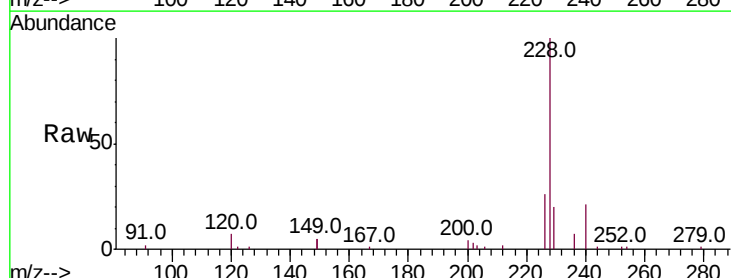
Tgt Ion:228 Resp: 17815

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

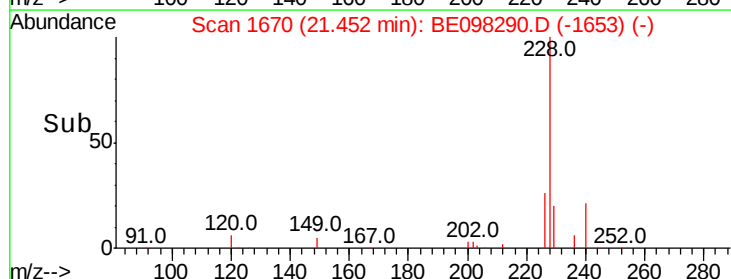
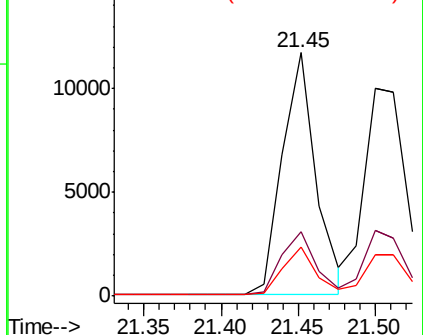
229 20.1 16.3 24.5

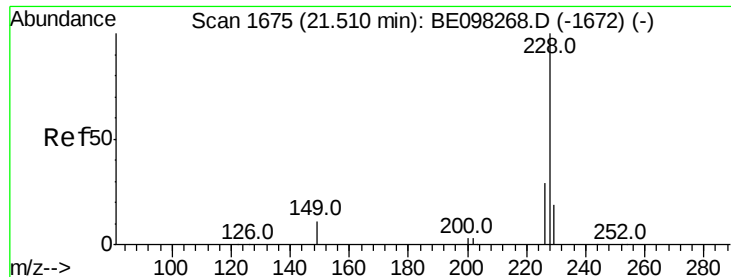


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.400 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

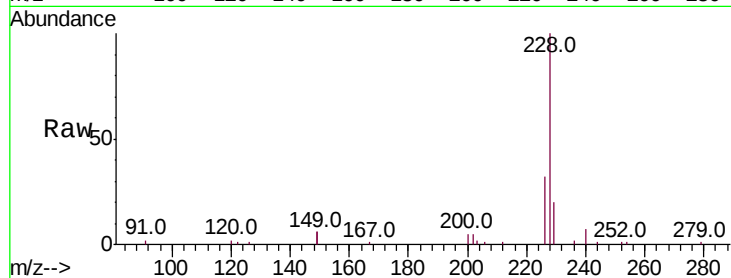
Tot Ion:228 Resp: 19117

Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.0

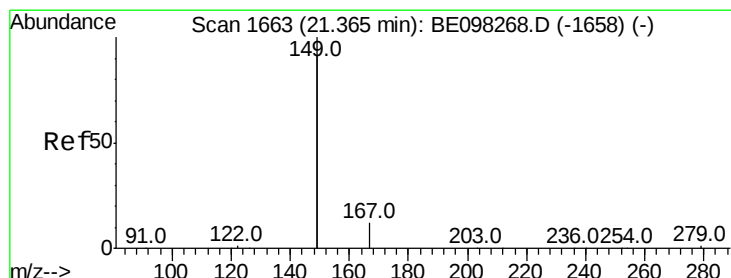
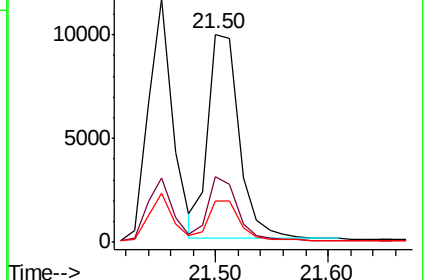
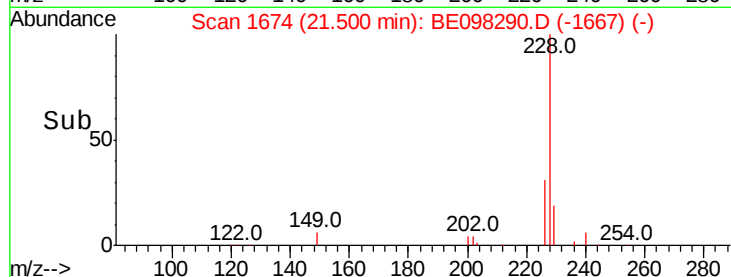
229 19.7 16.2 24.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.351 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

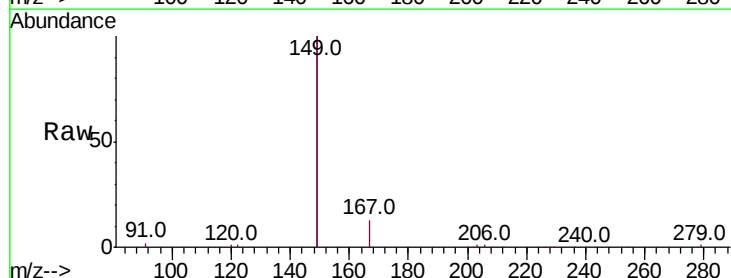
Tgt Ion:149 Resp: 39619

Ion Ratio Lower Upper

149 100

167 7.1 5.7 8.5

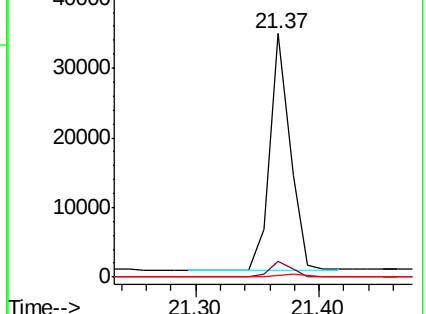
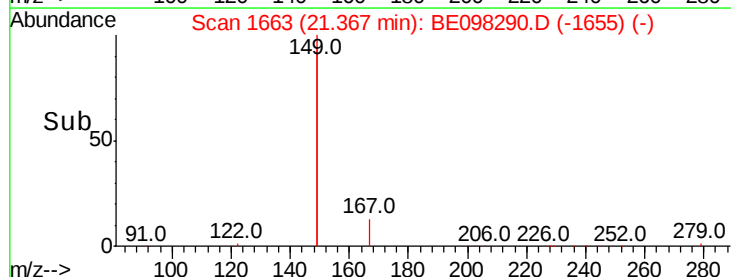
279 1.1 1.0 1.4

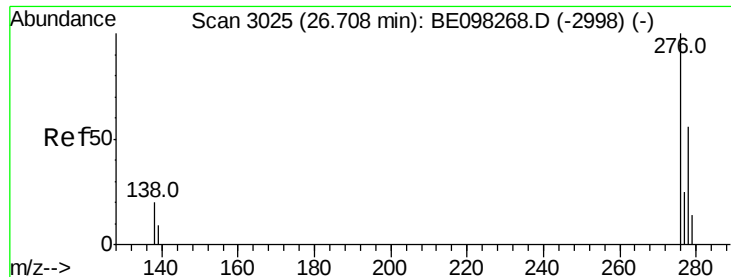


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

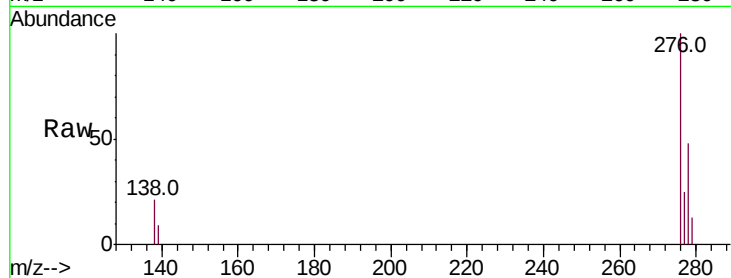




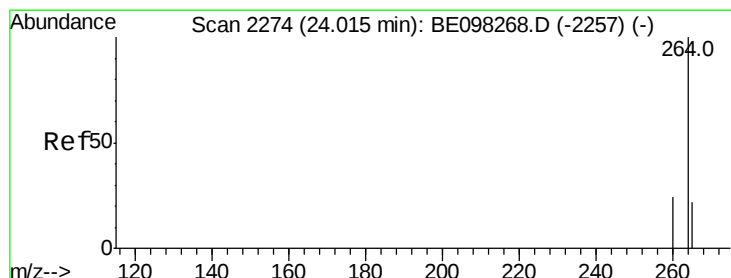
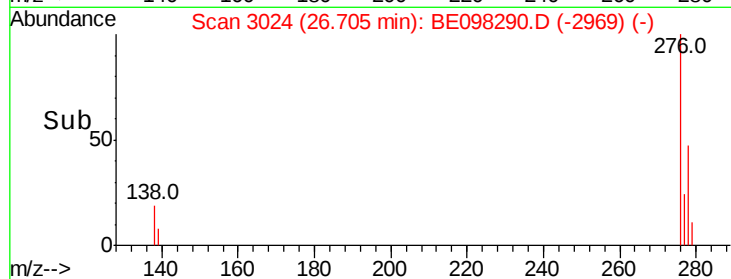
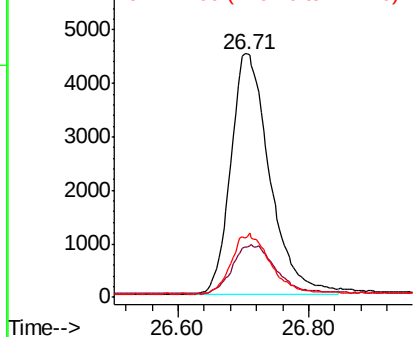
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.386 ng
 RT: 26.71 min Scan# 3024
 Delta R.T. -0.00 min
 Lab File: BE098290.D
 Acq: 30 Nov 2018 17:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 18671
 Ion Ratio Lower Upper
 276 100
 138 21.7 16.3 24.5
 277 24.8 20.2 30.4

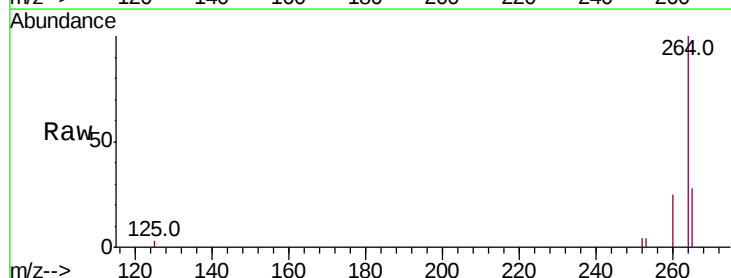


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

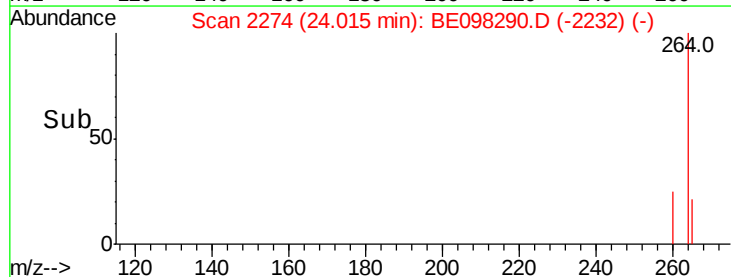
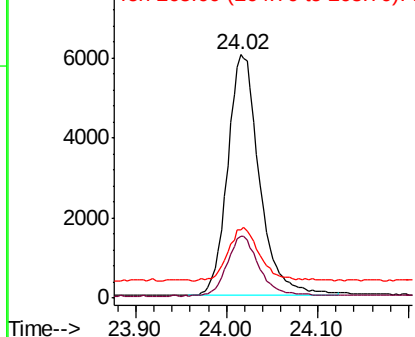


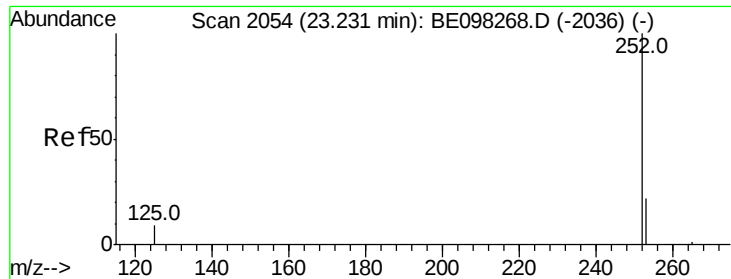
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BE098290.D
 Acq: 30 Nov 2018 17:24

Tgt Ion:264 Resp: 14746
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 27.8 25.2 37.8



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

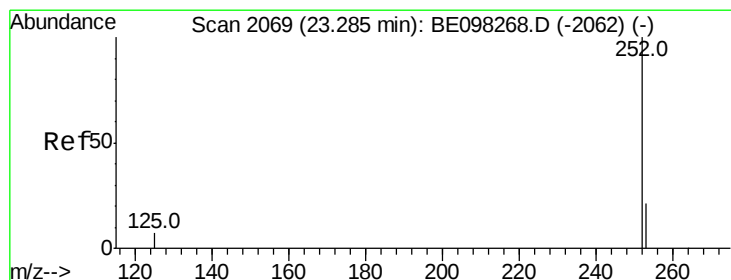
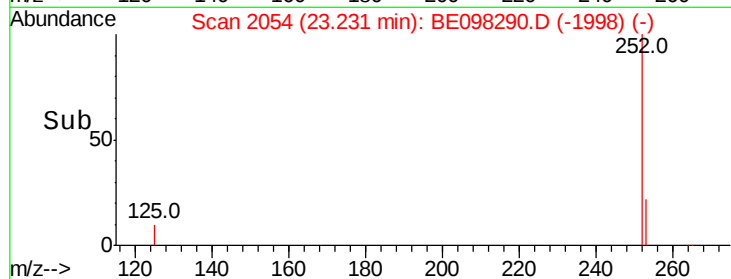
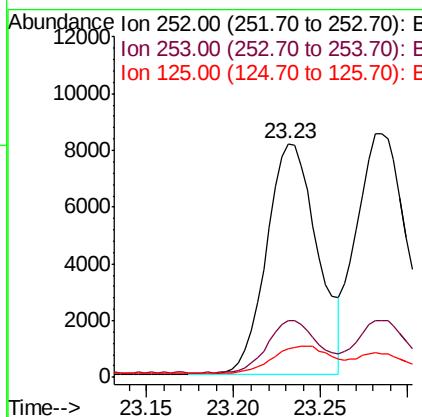
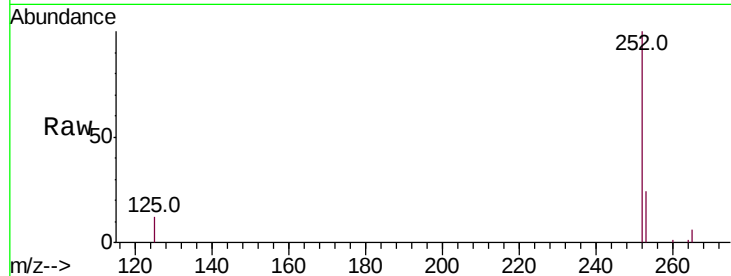




#35
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098290.D
Acq: 30 Nov 2018 17:24

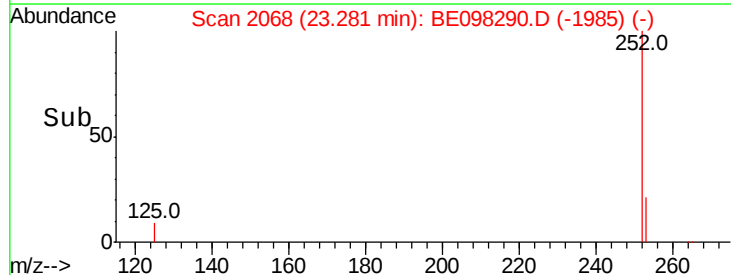
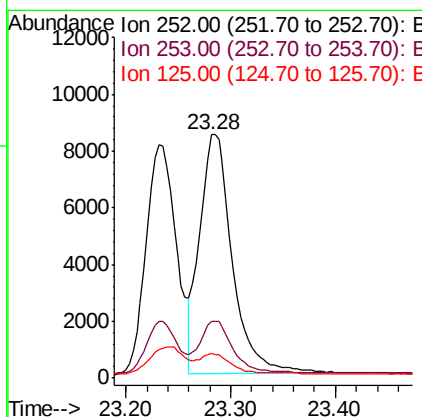
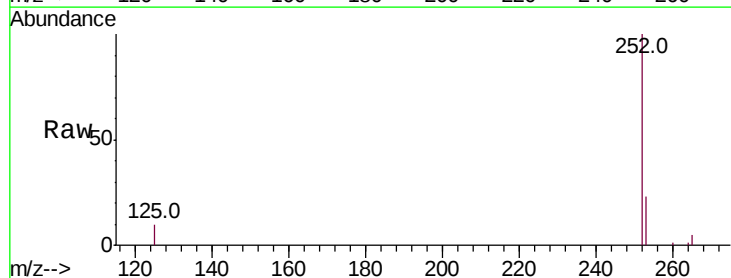
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

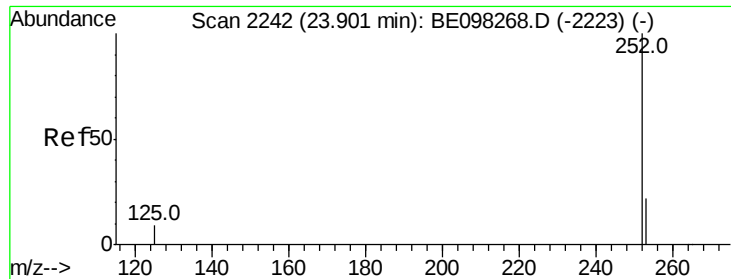
Tot Ion:252 Resp: 16485
Ion Ratio Lower Upper
252 100
253 24.1 20.0 30.0
125 12.0 9.6 14.4



#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 23.28 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE098290.D
Acq: 30 Nov 2018 17:24

Tgt Ion:252 Resp: 18372
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.6
125 10.0 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.90 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

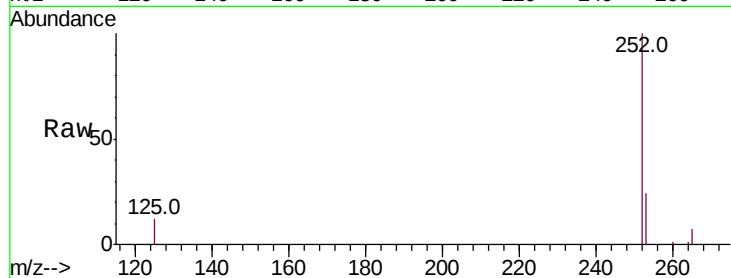
Tot Ion:252 Resp: 16425

Ion Ratio Lower Upper

252 100

253 24.0 20.6 30.8

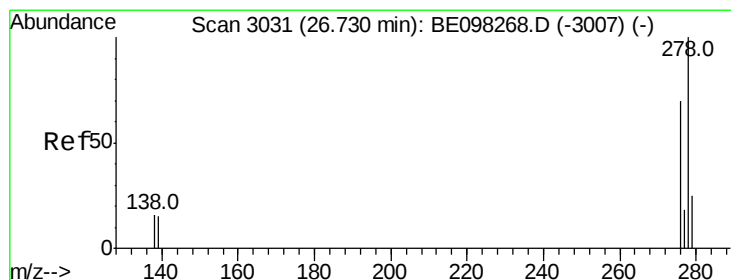
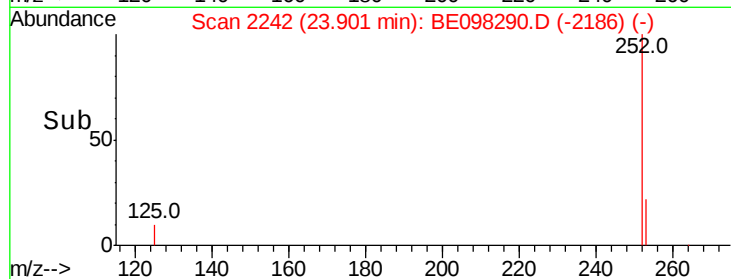
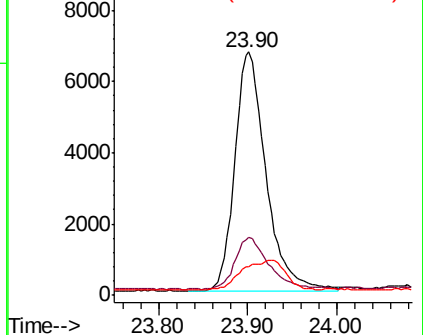
125 12.0 10.5 15.7



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: 0.396 ng

RT: 26.73 min Scan# 3031

Delta R.T. 0.00 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

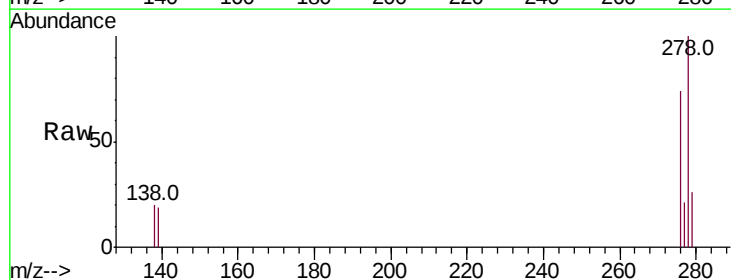
Tgt Ion:278 Resp: 15648

Ion Ratio Lower Upper

278 100

139 18.9 14.5 21.7

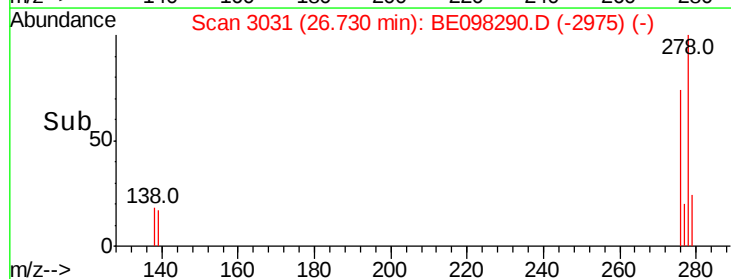
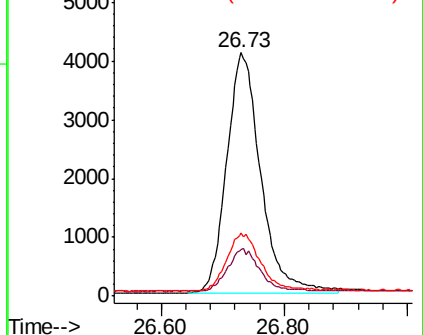
279 25.9 21.8 32.8

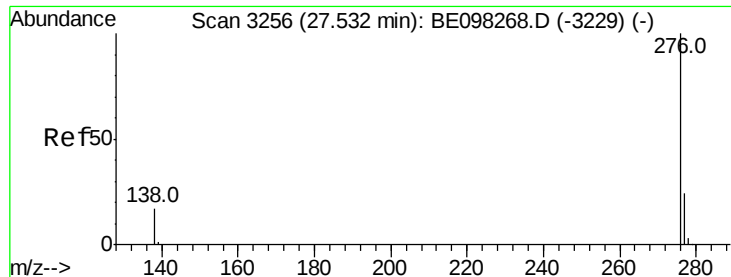


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.391 ng

RT: 27.53 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BE098290.D

Acq: 30 Nov 2018 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

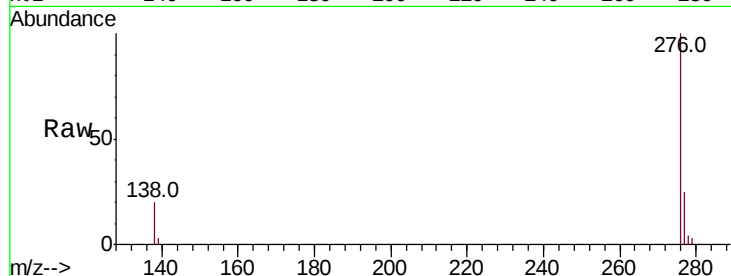
Tot Ion:276 Resp: 15457

Ion Ratio Lower Upper

276 100

277 25.1 20.8 31.2

138 20.4 15.8 23.6



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

