

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
 Data File : BE098139.D
 Acq On : 1 Nov 2018 10:32
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 11:21:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 11:18:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1100	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5427	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3817	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8675	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10513	0.40	ng	0.00
34) Perylene-d12	24.01	264	10078	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1333	0.40	ng	0.00
5) Phenol-d6	7.05	99	2152	0.39	ng	0.00
8) Nitrobenzene-d5	9.03	82	2260	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3830	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	610	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5700	0.37	ng	0.00
25) Fluoranthene-d10	19.32	212	42266	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	8912	0.36	ng	0.00

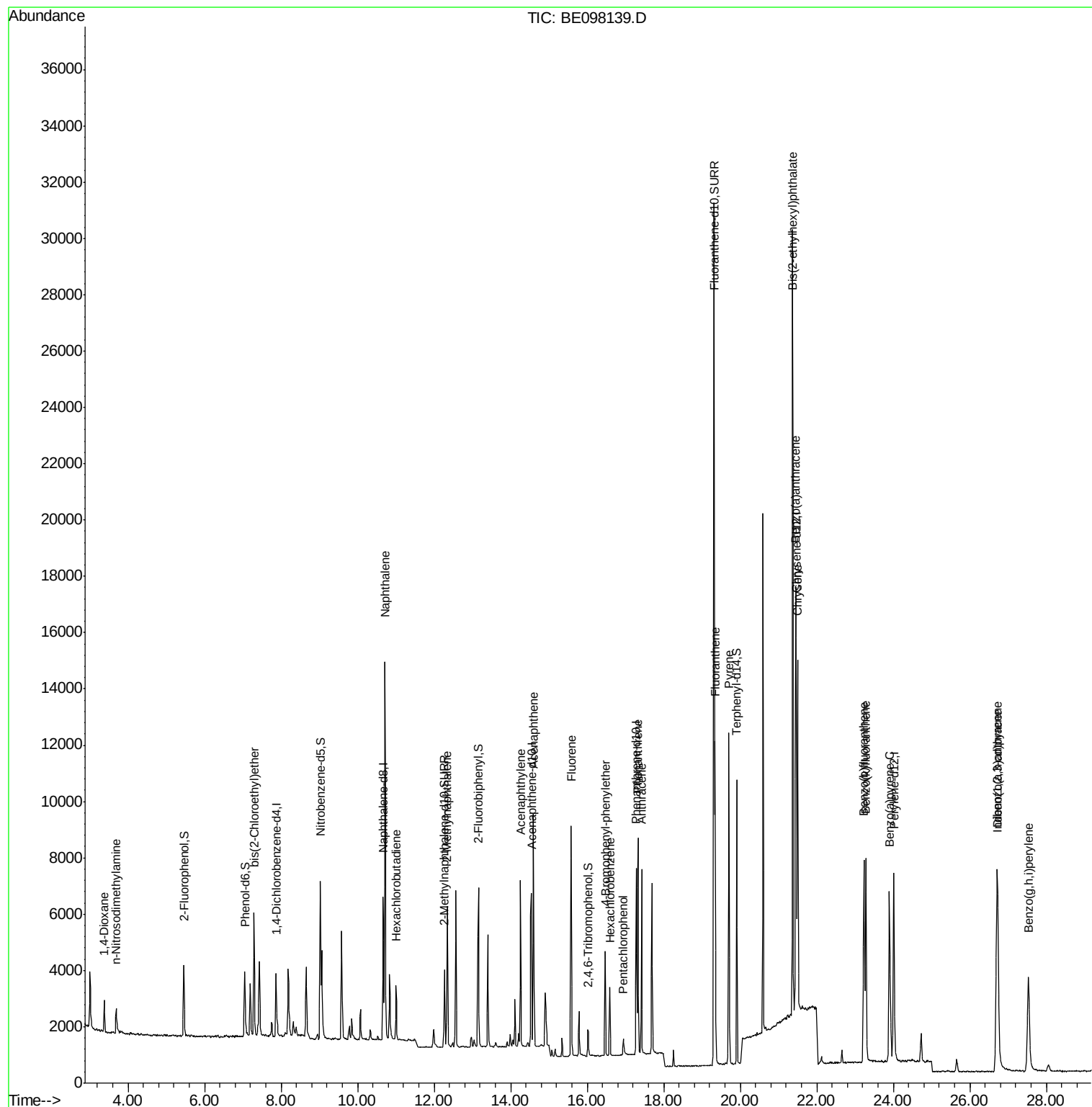
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	653	0.386	ng	97
3) n-Nitrosodimethylamine	3.70	42	817	0.362	ng	# 82
6) bis(2-Chloroethyl)ether	7.29	93	1517	0.390	ng	95
9) Naphthalene	10.72	128	21322	0.396	ng	99
10) Hexachlorobutadiene	11.00	225	1388	0.380	ng	98
12) 2-Methylnaphthalene	12.34	142	3765	0.386	ng	# 90
16) Acenaphthylene	14.25	152	6470	0.374	ng	98
17) Acenaphthene	14.60	154	4012	0.384	ng	99
18) Fluorene	15.58	166	5175	0.367	ng	98
20) 4-Bromophenyl-phenylether	16.48	248	2055	0.392	ng	# 85
21) Hexachlorobenzene	16.59	284	2113	0.387	ng	96
22) Pentachlorophenol	16.94	266	433	0.952	ng	95
23) Phenanthrene	17.33	178	8257	0.388	ng	99
24) Anthracene	17.42	178	7701	0.368	ng	99
26) Fluoranthene	19.34	202	10097	0.380	ng	96
28) Pyrene	19.71	202	10558	0.364	ng	98
30) Benzo(a)anthracene	21.45	228	11289	0.363	ng	98
31) Chrysene	21.50	228	11208	0.371	ng	97
32) Bis(2-ethylhexyl)phthalate	21.37	149	34768	0.471	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	11659	0.354	ng	97
35) Benzo(b)fluoranthene	23.23	252	10685	0.382	ng	# 91
36) Benzo(k)fluoranthene	23.28	252	10935	0.376	ng	# 89
37) Benzo(a)pyrene	23.90	252	10450	0.380	ng	# 89
38) Dibenzo(a,h)anthracene	26.73	278	9811	0.366	ng	# 94
39) Benzo(g,h,i)perylene	27.53	276	9718	0.366	ng	# 90

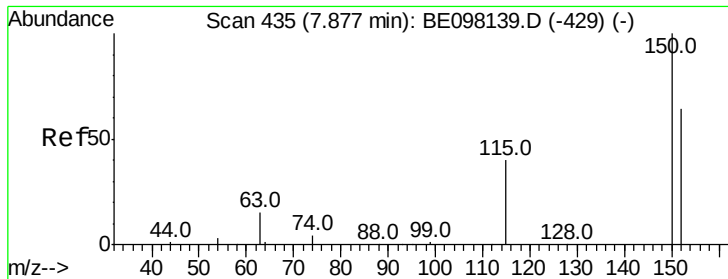
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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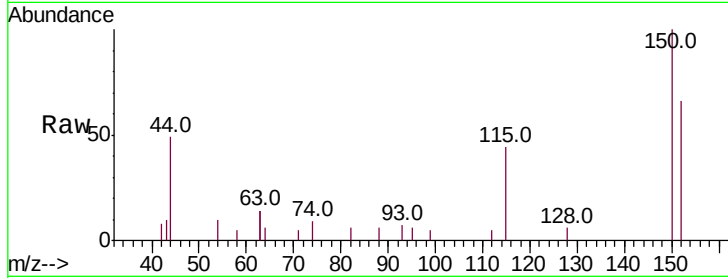


#1

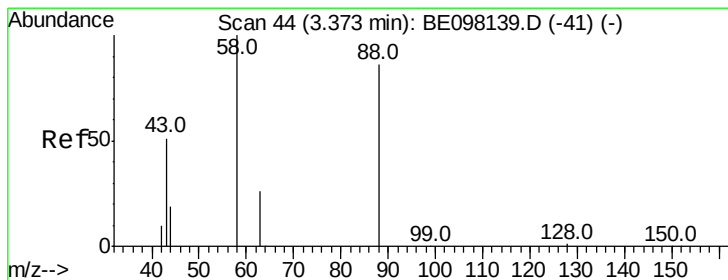
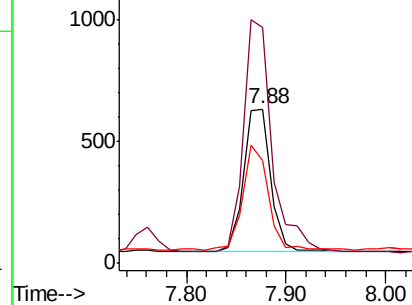
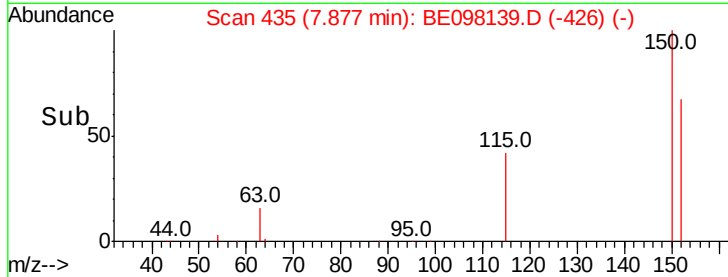
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE098139.D
Acq: 1 Nov 2018 10:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1100
Ion Ratio Lower Upper
152 100
150 152.4 118.2 177.4
115 66.6 50.9 76.3



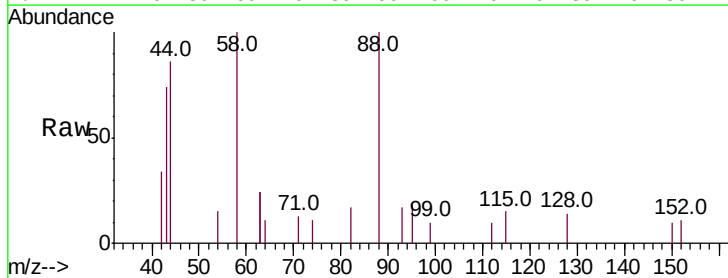
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



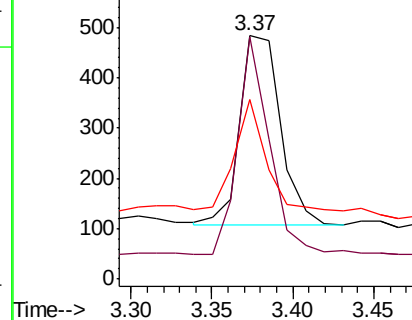
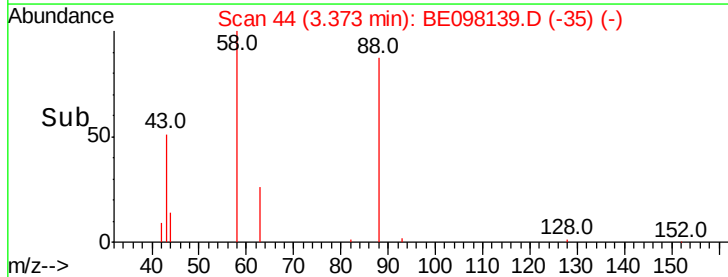
#2

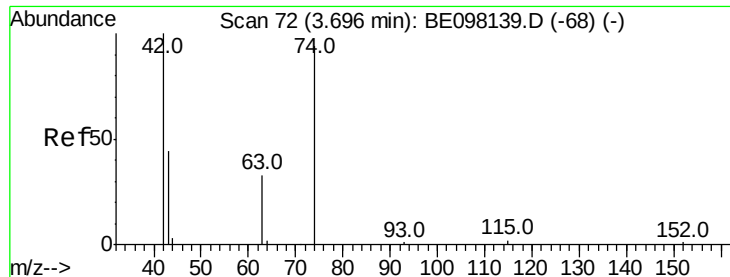
1,4-Dioxane
Concen: 0.386 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098139.D
Acq: 1 Nov 2018 10:32

Tgt Ion: 88 Resp: 653
Ion Ratio Lower Upper
88 100
58 88.2 73.2 109.8
43 44.0 36.9 55.3



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



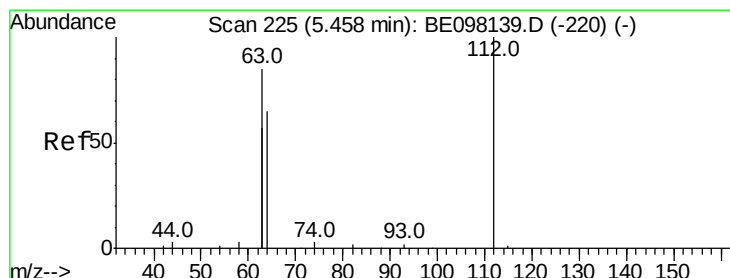
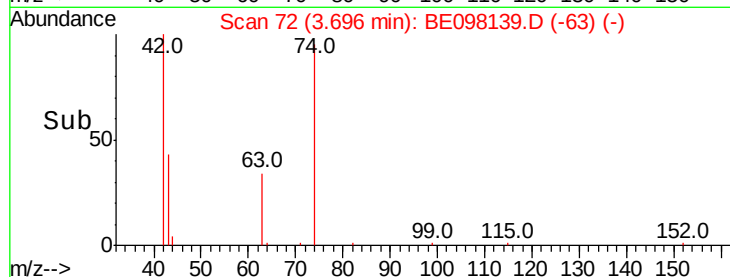
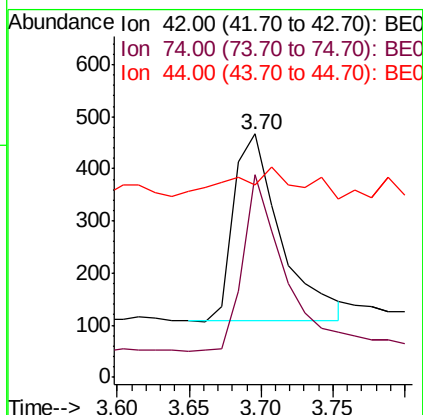
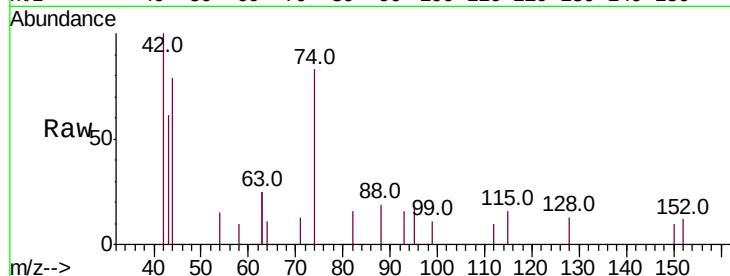


#3

n-Nitrosodimethylamine
 Concen: 0.362 ng
 RT: 3.70 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098139.D
 Acq: 1 Nov 2018 10:32

Instrument :
 BNA_E
 ClientSampleId :

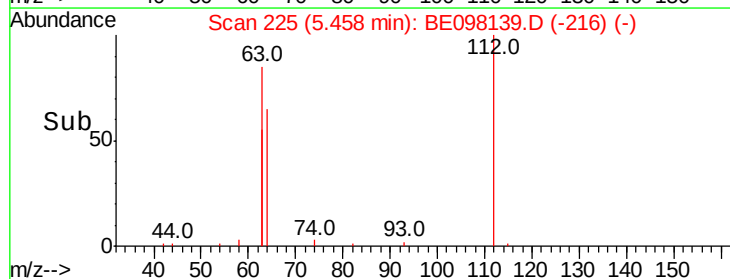
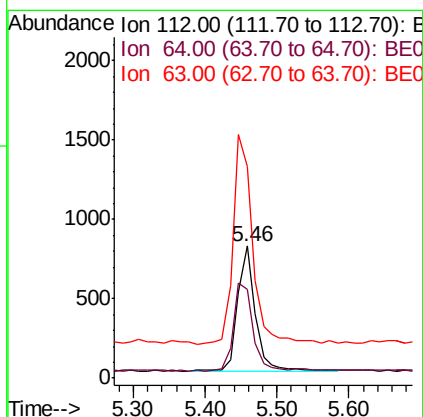
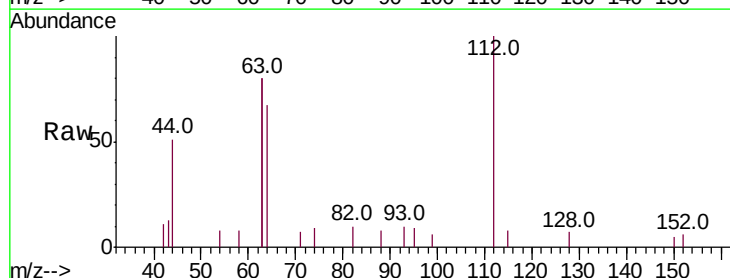
Tot Ion: 42 Resp: 817
 Ion Ratio Lower Upper
 42 100
 74 81.6 77.6 116.4
 44 24.8 7.6 11.4#

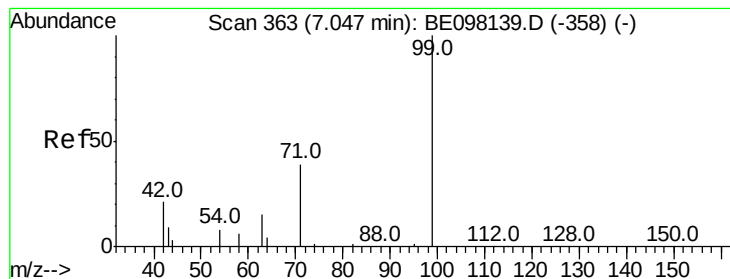


#4

2-Fluorophenol
 Concen: 0.400 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098139.D
 Acq: 1 Nov 2018 10:32

Tgt Ion: 112 Resp: 1333
 Ion Ratio Lower Upper
 112 100
 64 82.1 58.9 88.3
 63 188.3 120.3 180.5#





#5

Phenol-d6

Concen: 0.388 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

Instrument :

BNA_E

ClientSampled :

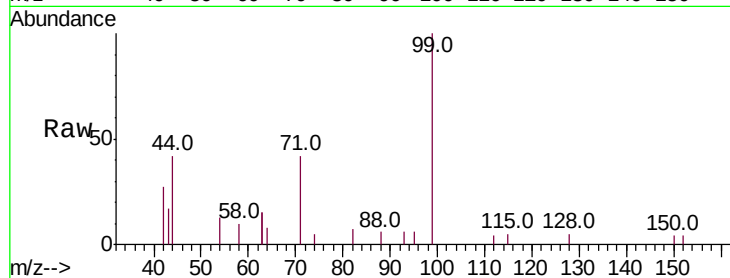
Tot Ion: 99 Resp: 2152

Ion Ratio Lower Upper

99 100

42 33.3 19.9 29.9#

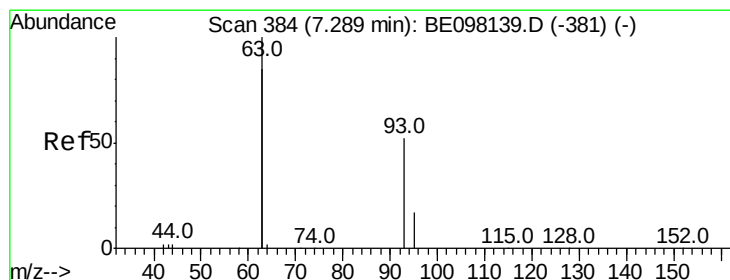
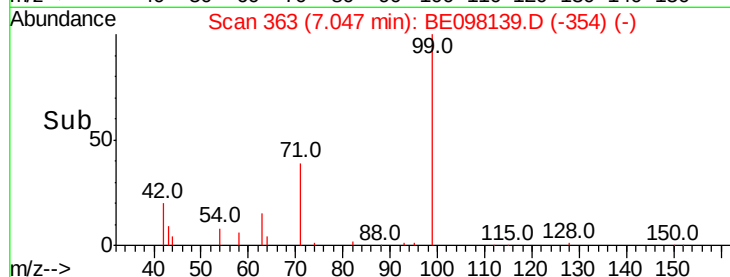
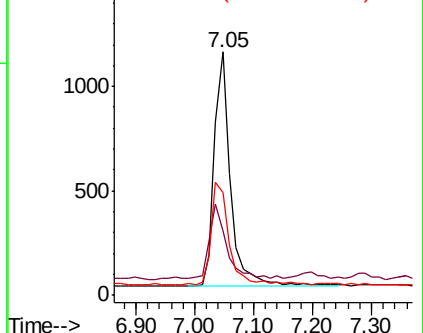
71 47.2 27.8 41.8#



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: 0.390 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

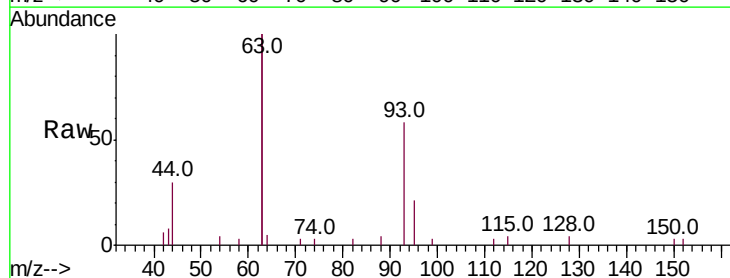
Tgt Ion: 93 Resp: 1517

Ion Ratio Lower Upper

93 100

63 333.6 259.0 388.4

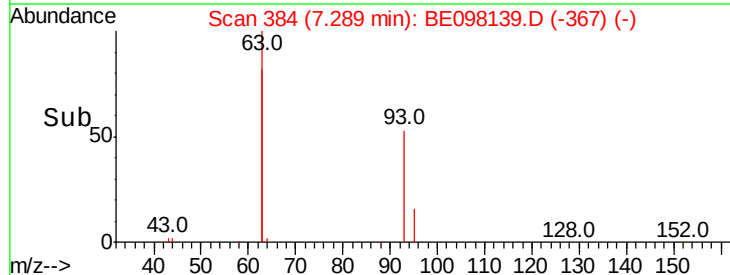
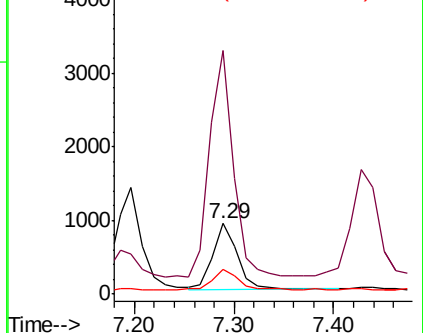
95 33.0 27.8 41.8

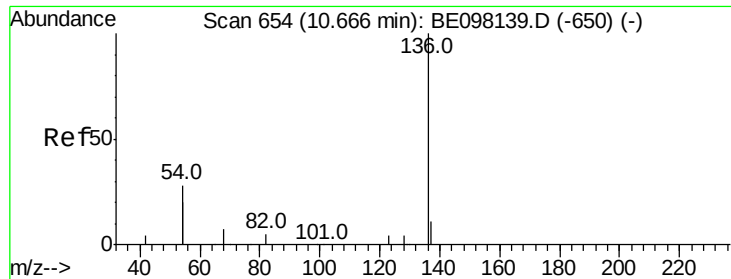


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098139.D

Acq: 1 Nov 2018 10:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5427

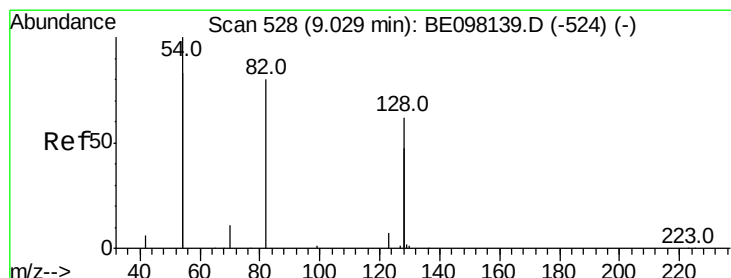
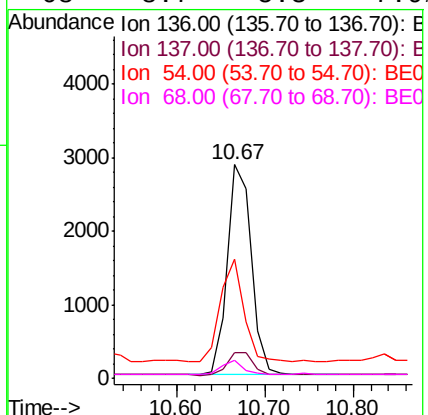
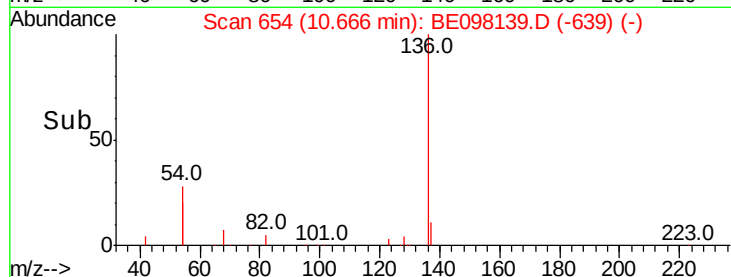
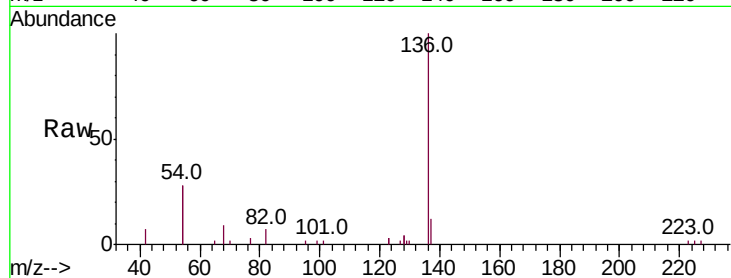
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 55.7 27.7 41.5#

68 8.7 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.392 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

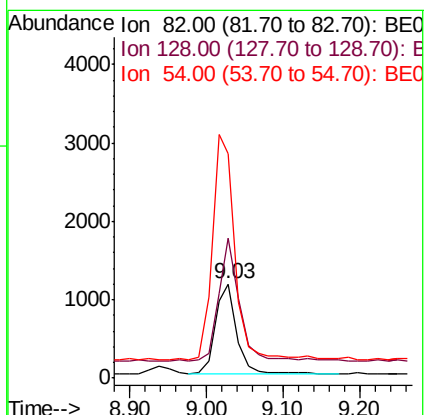
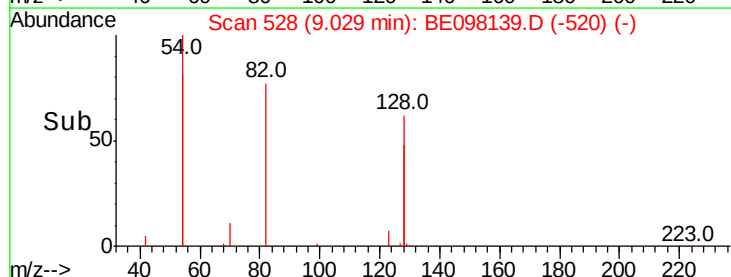
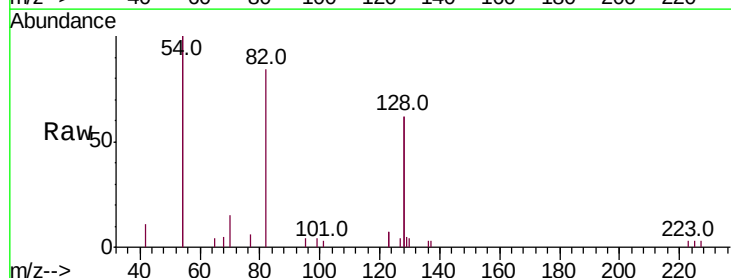
Tgt Ion: 82 Resp: 2260

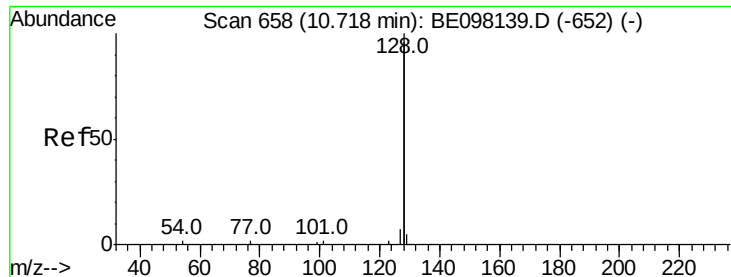
Ion Ratio Lower Upper

82 100

128 148.5 129.9 194.9

54 238.6 174.0 261.0





#9

Naphthalene

Concen: 0.396 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

Instrument :

BNA_E

ClientSampleId :

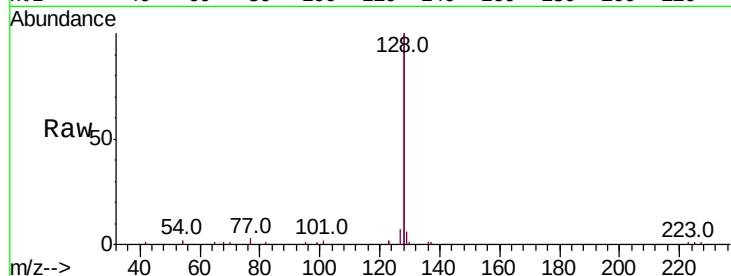
Tot Ion:128 Resp: 21322

Ion Ratio Lower Upper

128 100

129 2.8 2.5 3.7

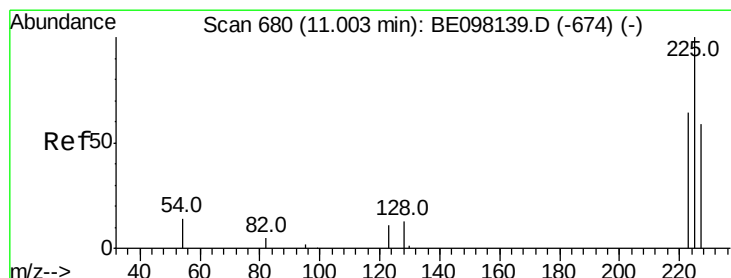
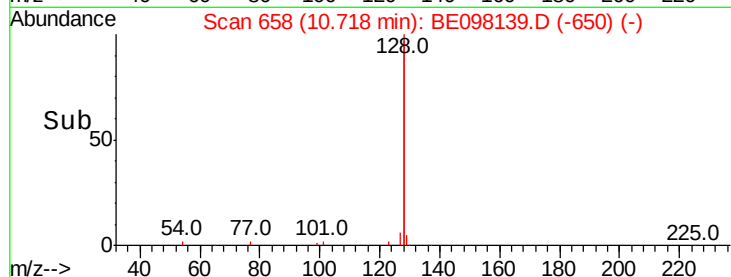
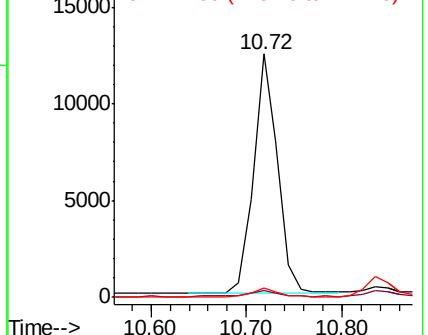
127 3.6 2.8 4.2



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: 0.380 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

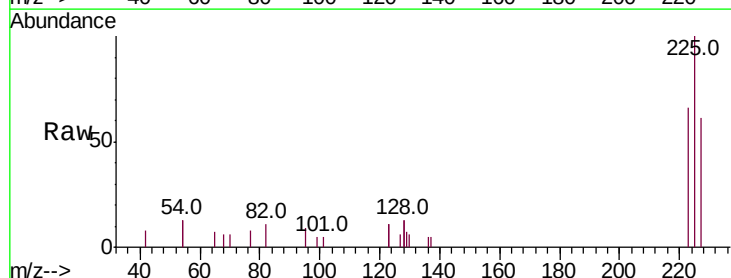
Tgt Ion:225 Resp: 1388

Ion Ratio Lower Upper

225 100

223 63.8 51.8 77.8

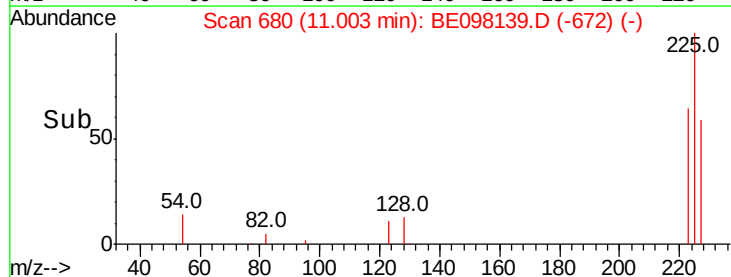
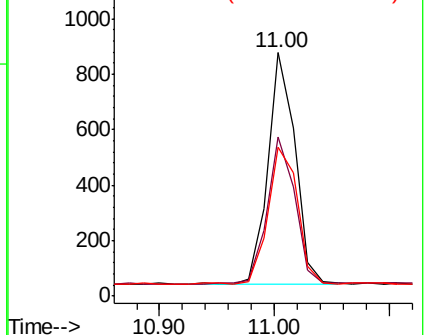
227 63.8 53.0 79.6

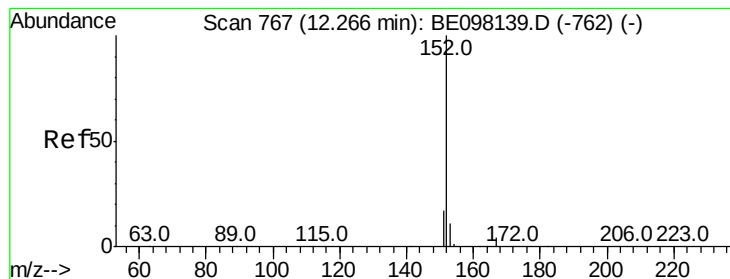


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

Instrument :

BNA_E

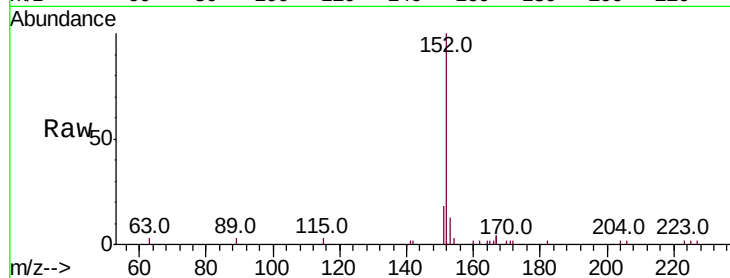
ClientSampleId :

Tot Ion:152 Resp: 3830

Ion Ratio Lower Upper

152 100

151 19.1 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

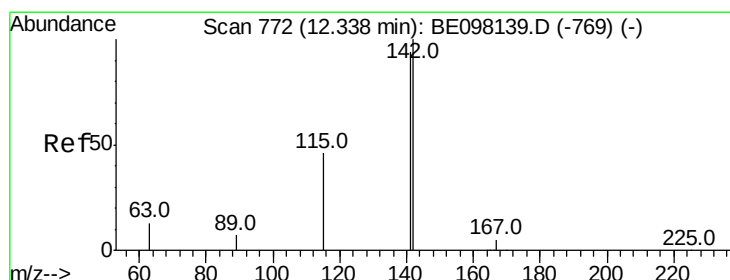
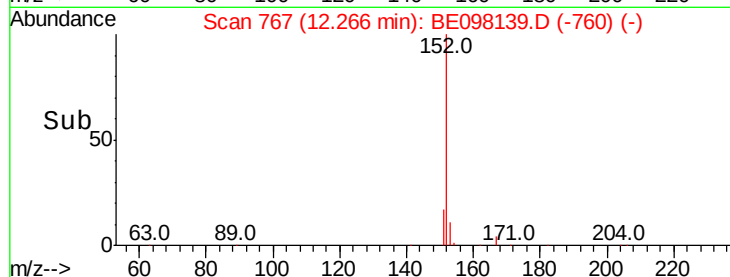
1000

500

0

12.20 12.27 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.386 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

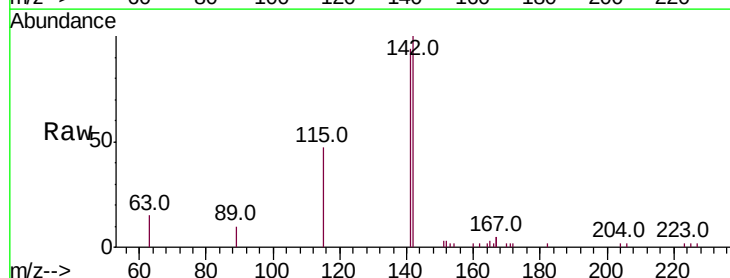
Tgt Ion:142 Resp: 3765

Ion Ratio Lower Upper

142 100

141 94.3 69.8 104.6

115 47.4 30.5 45.7#



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

2500

2000

1500

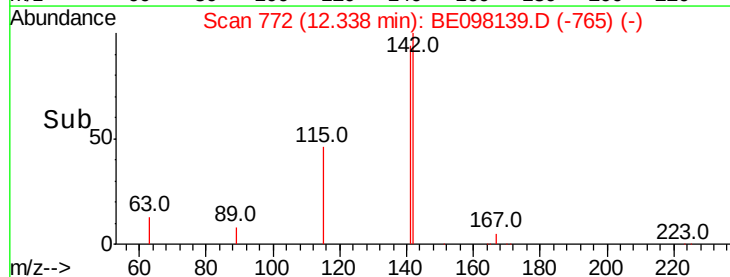
1000

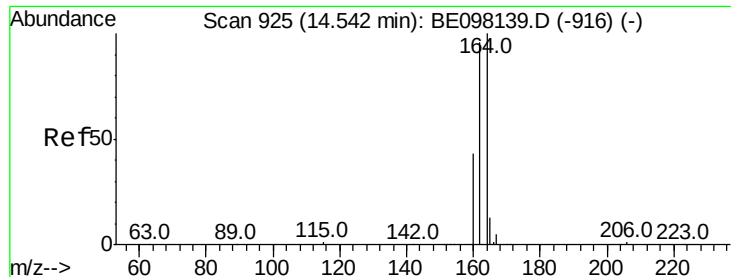
500

0

12.30 12.34 12.40

Time-->

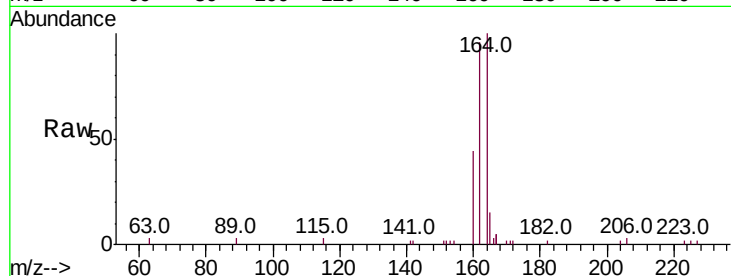




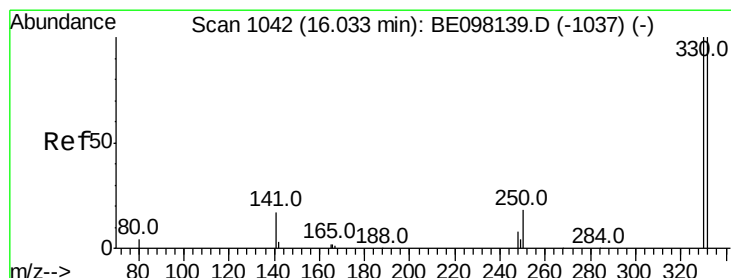
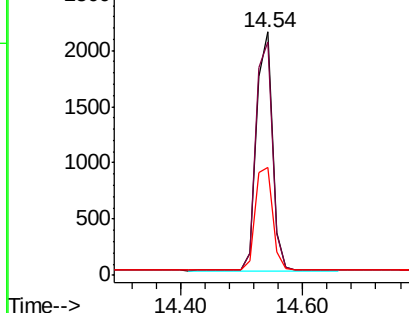
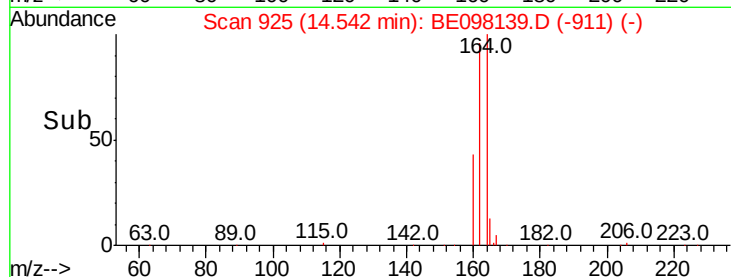
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BE098139.D
 Acq: 1 Nov 2018 10:32

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 3817
 Ion Ratio Lower Upper
 164 100
 162 95.8 77.4 116.2
 160 44.3 36.5 54.7

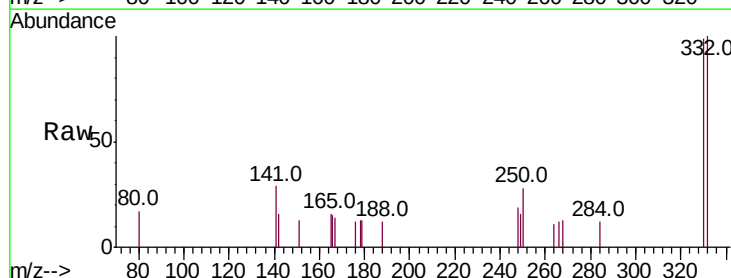


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

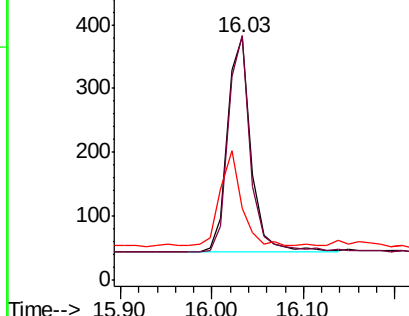
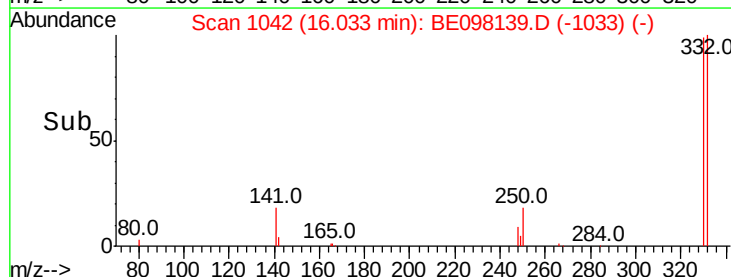


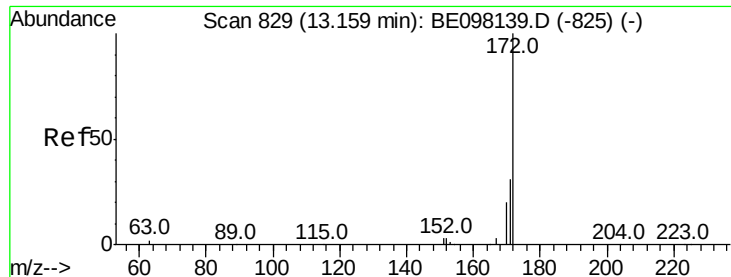
#14
 2,4,6-Tribromophenol
 Concen: 0.317 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE098139.D
 Acq: 1 Nov 2018 10:32

Tgt Ion:330 Resp: 610
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.5 114.7
 141 39.0 31.8 47.6



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

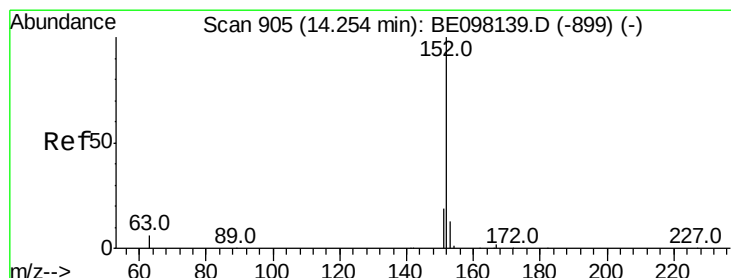
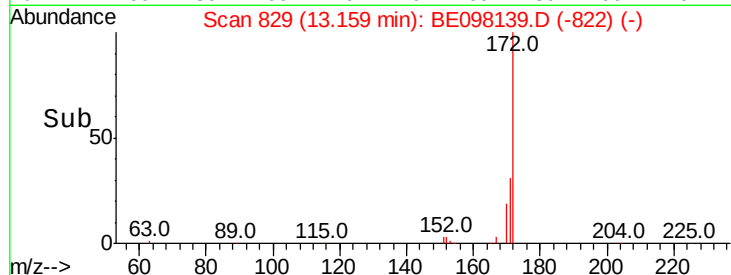
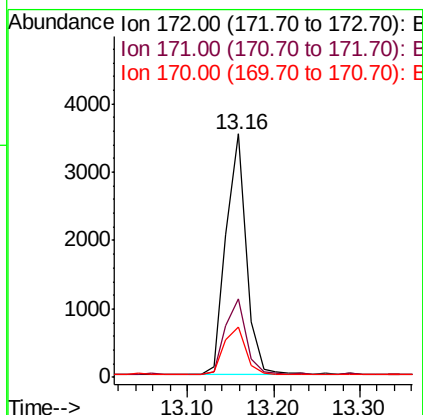
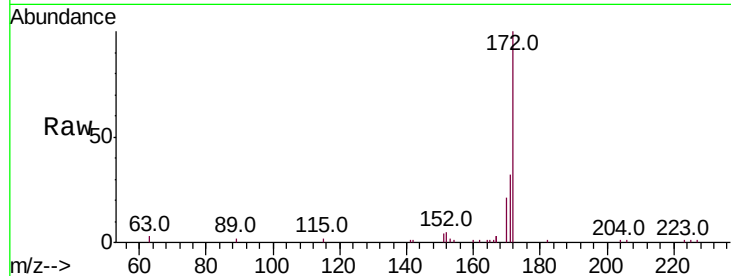




#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098139.D
Acq: 1 Nov 2018 10:32

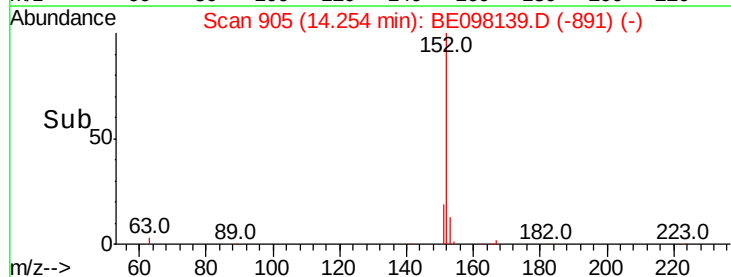
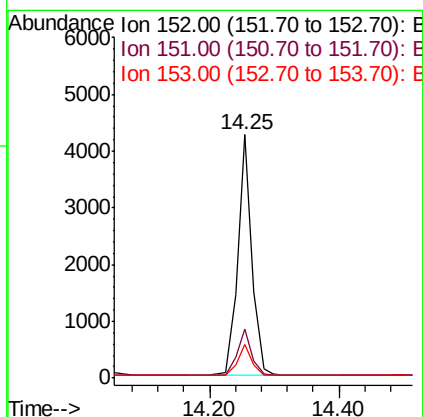
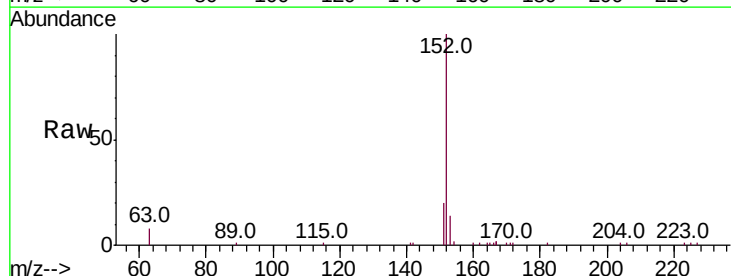
Instrument :
BNA_E
ClientSampleId :

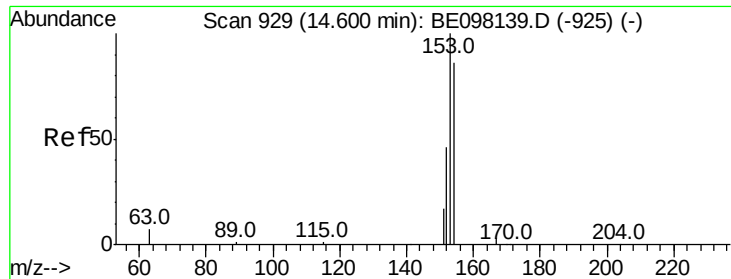
Tot Ion:172 Resp: 5700
Ion Ratio Lower Upper
172 100
171 32.3 26.0 39.0
170 20.7 18.0 27.0



#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098139.D
Acq: 1 Nov 2018 10:32

Tgt Ion:152 Resp: 6470
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 13.0 10.9 16.3

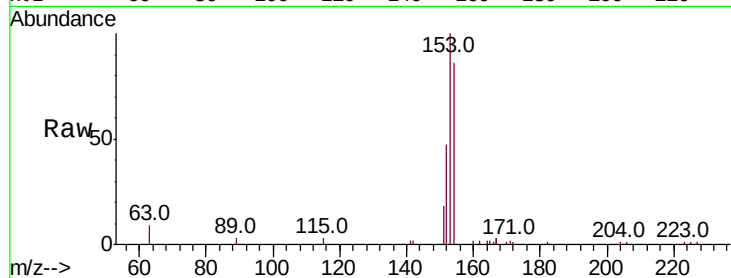




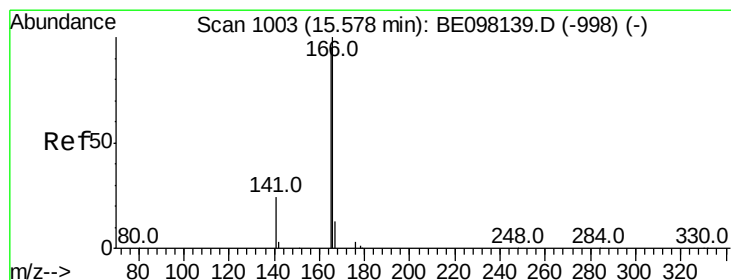
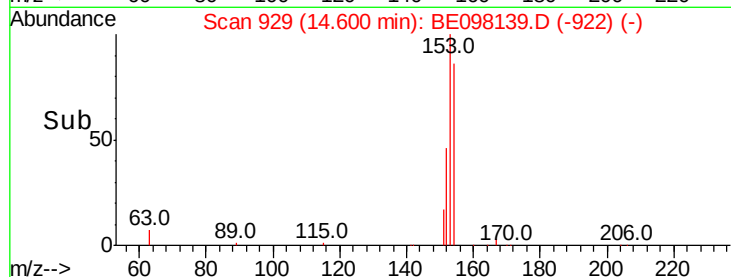
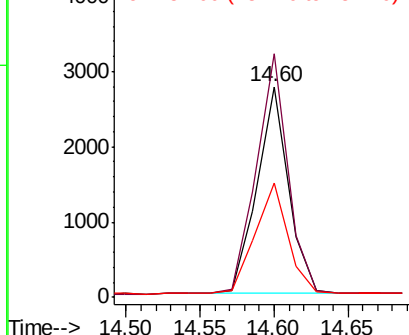
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098139.D
Acq: 1 Nov 2018 10:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 4012
Ion Ratio Lower Upper
154 100
153 116.7 92.6 139.0
152 55.8 45.5 68.3

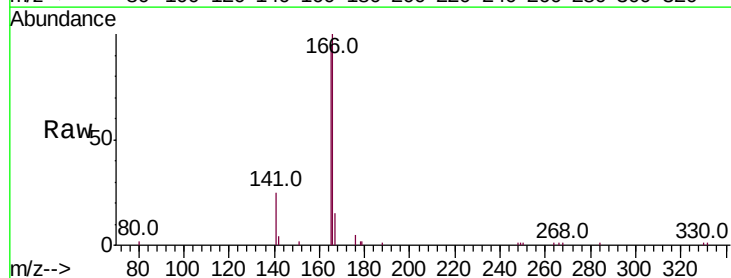


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

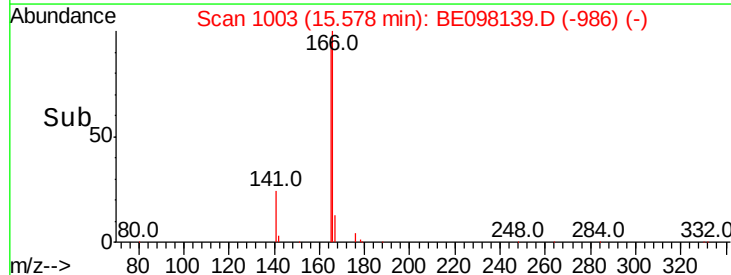
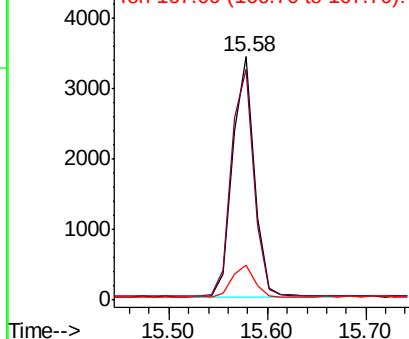


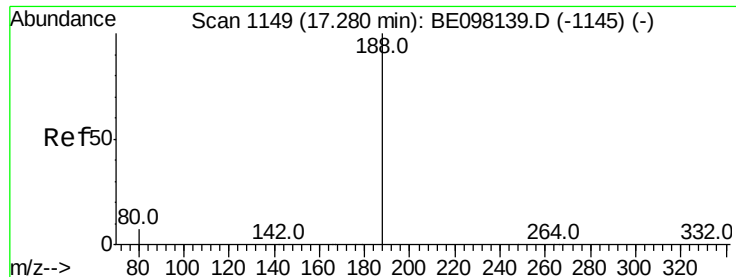
#18
Fluorene
Concen: 0.367 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098139.D
Acq: 1 Nov 2018 10:32

Tgt Ion:166 Resp: 5175
Ion Ratio Lower Upper
166 100
165 100.2 78.2 117.4
167 13.7 11.0 16.6



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: BE098139.D

Acq: 1 Nov 2018 10:32

Instrument :

BNA_E

ClientSampleId :

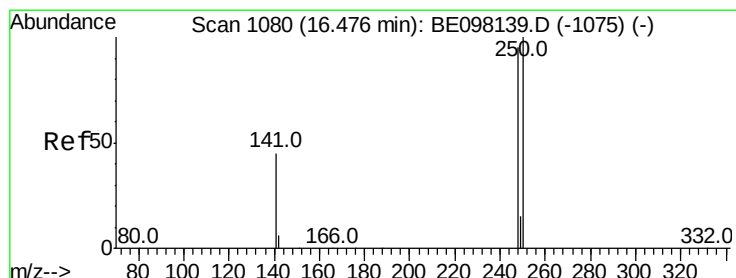
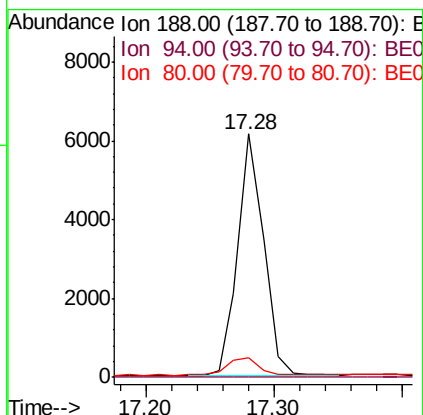
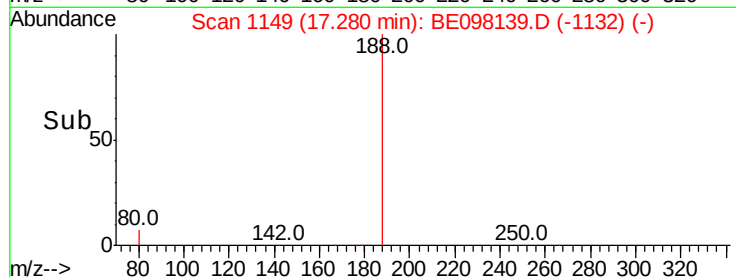
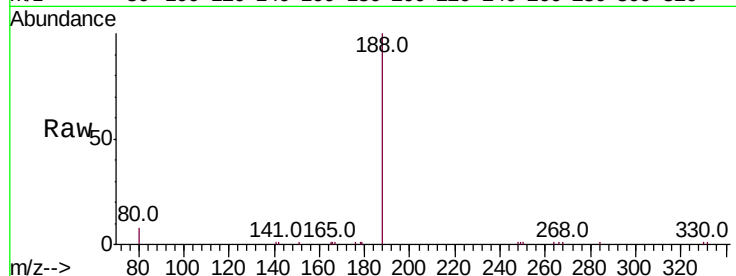
Tot Ion:188 Resp: 8675

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.392 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

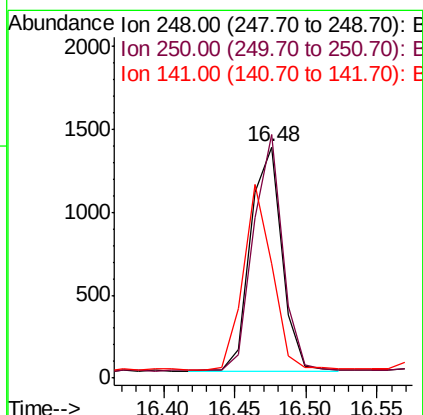
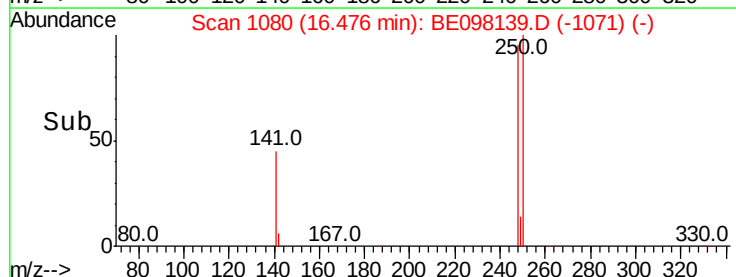
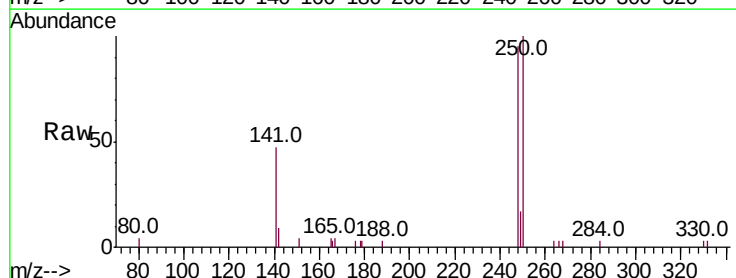
Tgt Ion:248 Resp: 2055

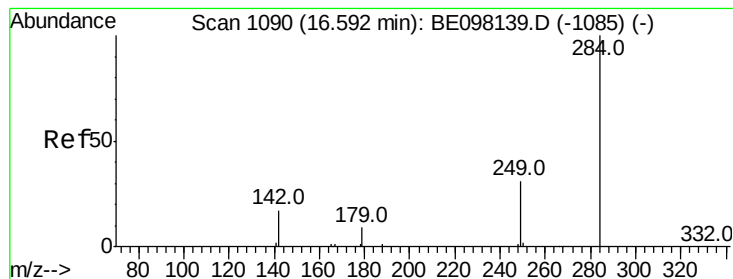
Ion Ratio Lower Upper

248 100

250 105.3 75.1 112.7

141 49.6 51.8 77.8#





#21

Hexachlorobenzene

Concen: 0.387 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

Instrument :

BNA_E

ClientSampleId :

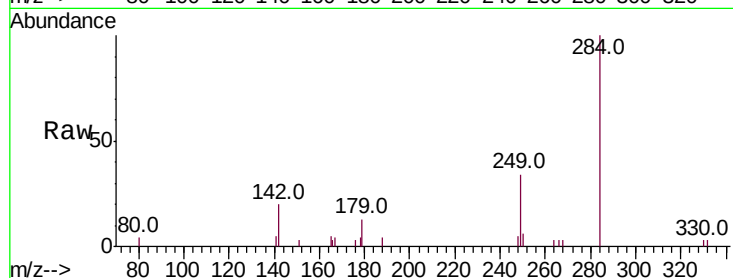
Tot Ion:284 Resp: 2113

Ion Ratio Lower Upper

284 100

142 34.0 25.9 38.9

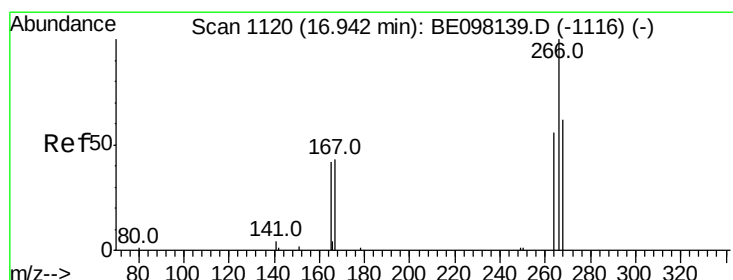
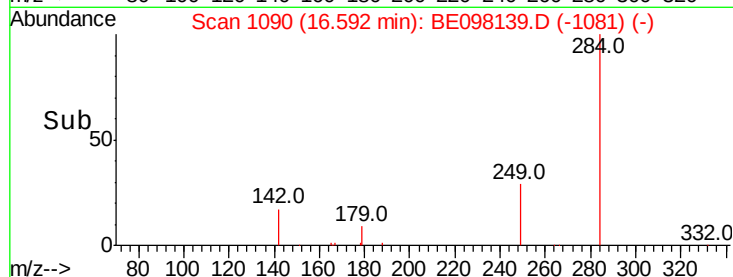
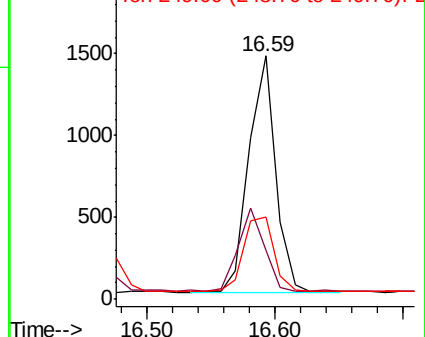
249 36.3 26.6 40.0



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: 0.952 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

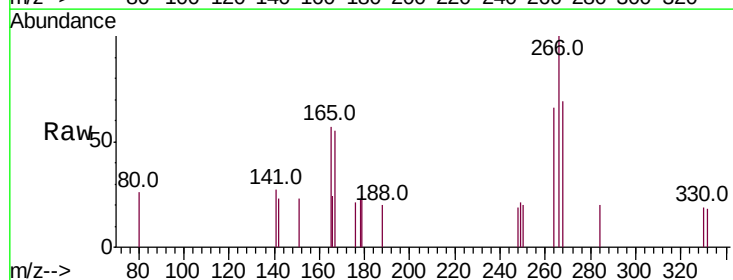
Tgt Ion:266 Resp: 433

Ion Ratio Lower Upper

266 100

264 65.5 51.3 76.9

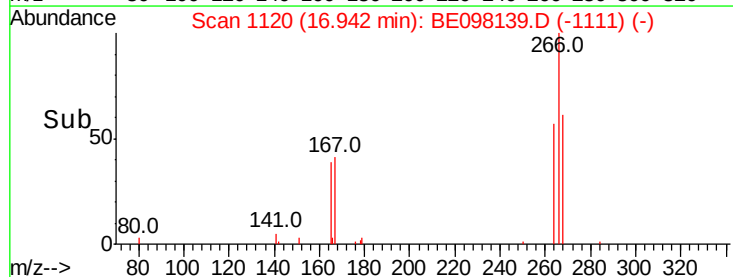
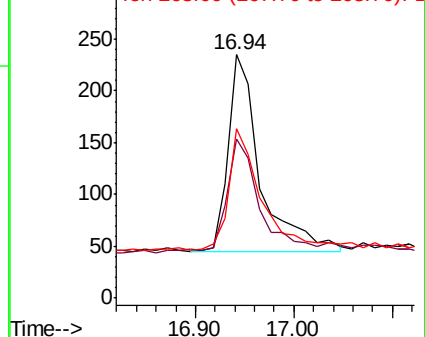
268 69.4 50.1 75.1

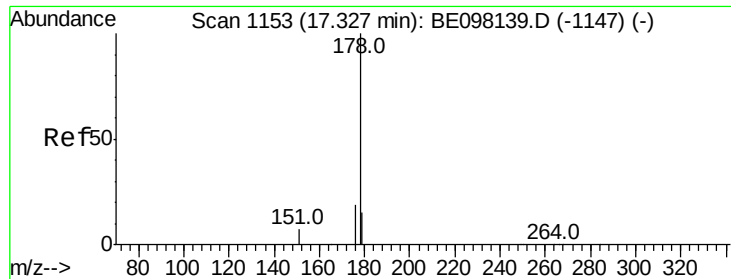


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.388 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

Instrument :

BNA_E

ClientSampleId :

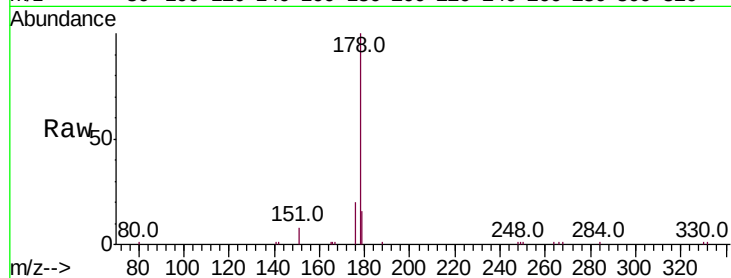
Tot Ion:178 Resp: 8257

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

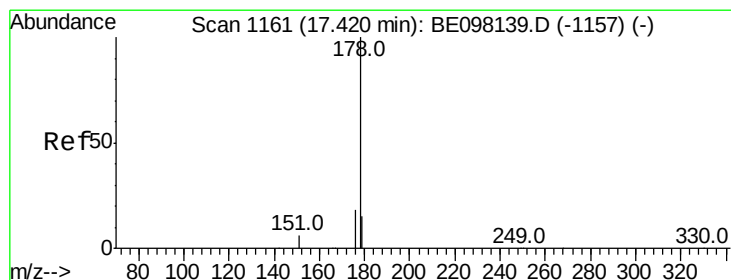
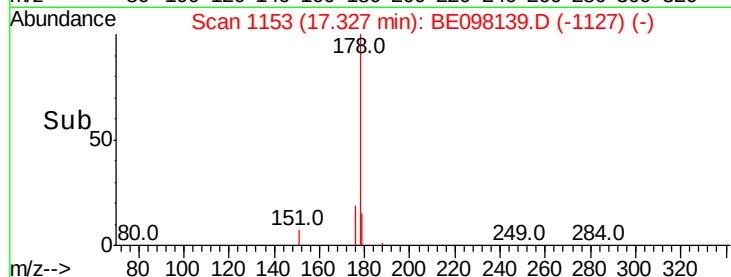
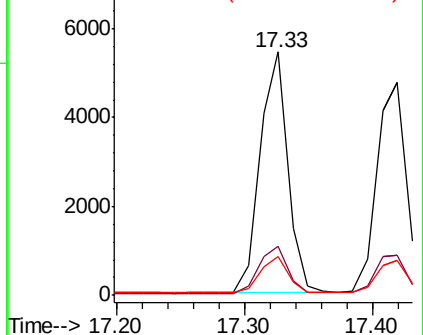
179 15.2 12.2 18.4



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: 0.368 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

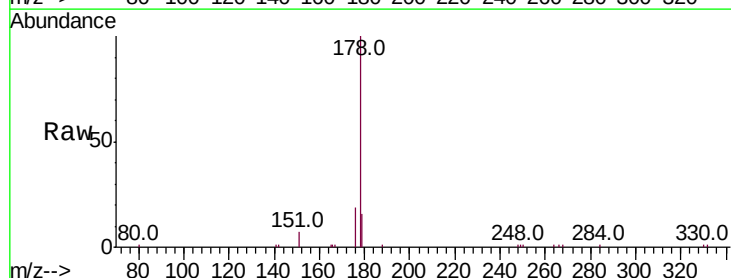
Tgt Ion:178 Resp: 7701

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

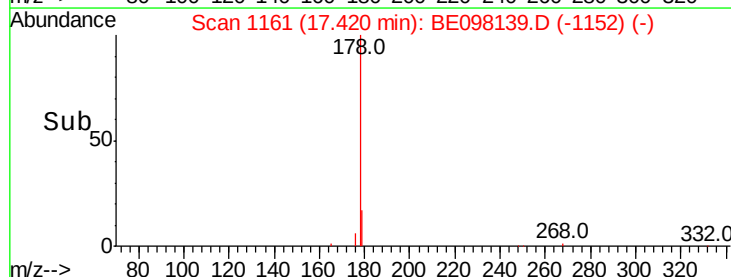
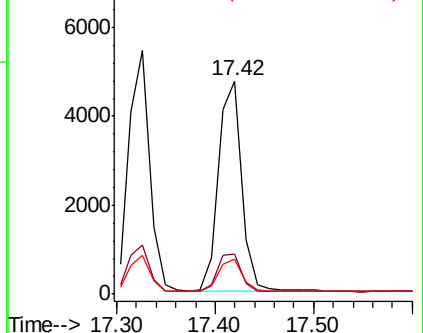
179 15.9 11.9 17.9

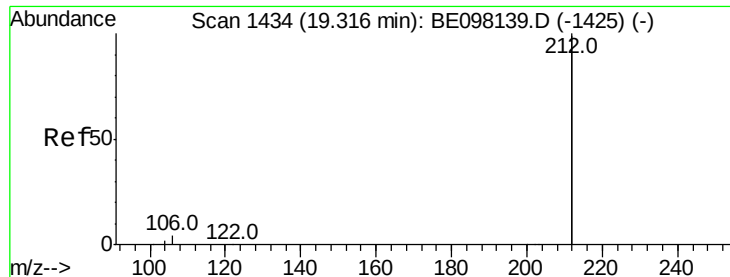


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

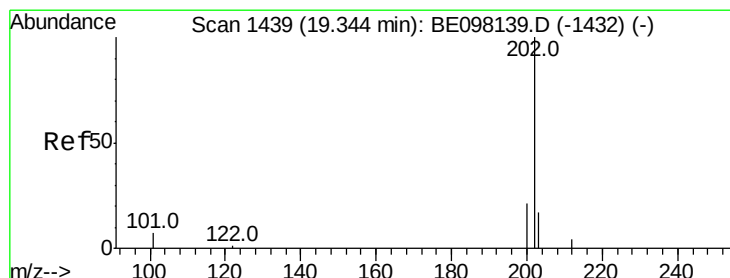
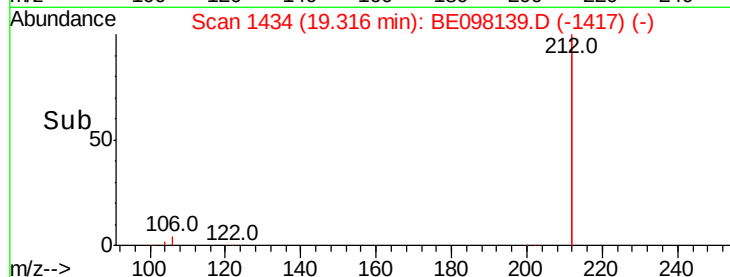
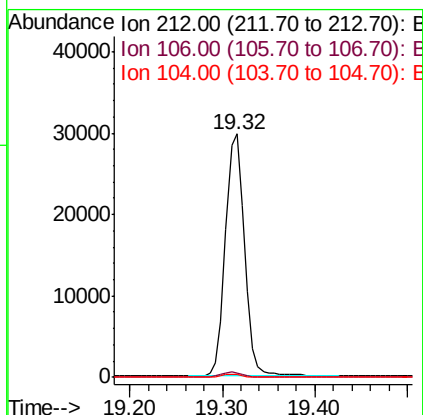
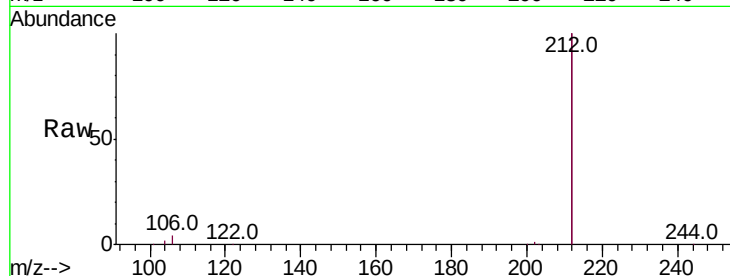




#25
 Fluoranthene-d10
 Concen: 0.380 ng
 RT: 19.32 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BE098139.D
 Acq: 1 Nov 2018 10:32

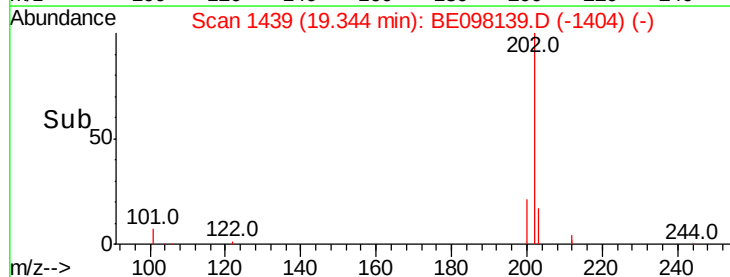
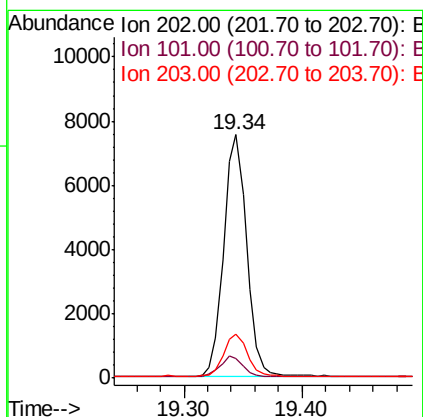
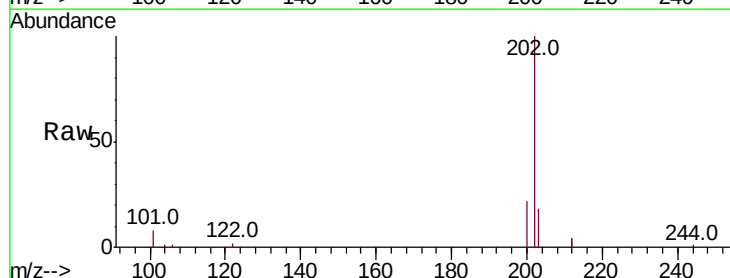
Instrument :
 BNA_E
 ClientSampleId :

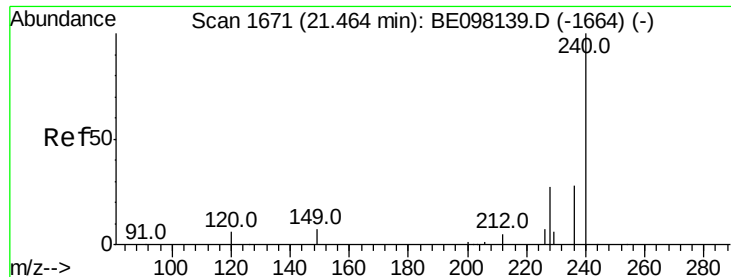
Tot Ion:212 Resp: 42266
 Ion Ratio Lower Upper
 212 100
 106 2.1 2.3 3.5#
 104 1.2 1.3 1.9#



#26
 Fluoranthene
 Concen: 0.380 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE098139.D
 Acq: 1 Nov 2018 10:32

Tgt Ion:202 Resp: 10097
 Ion Ratio Lower Upper
 202 100
 101 8.2 8.2 12.2
 203 17.4 15.0 22.4

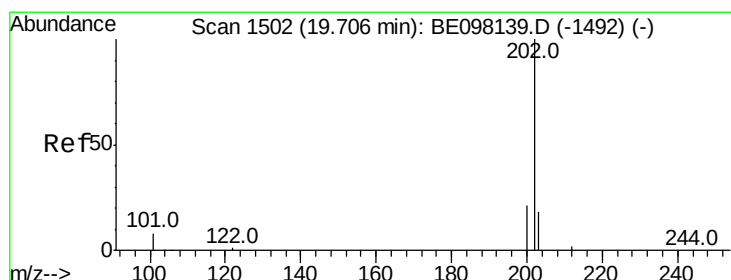
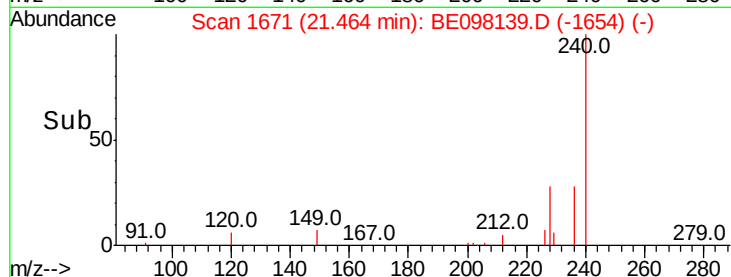
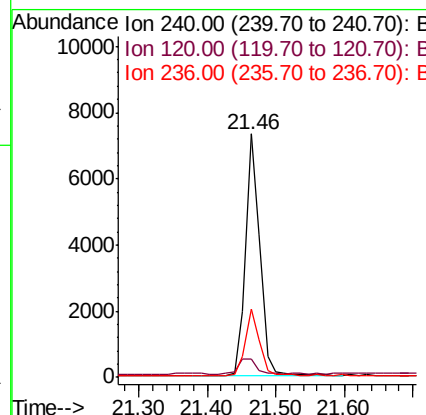
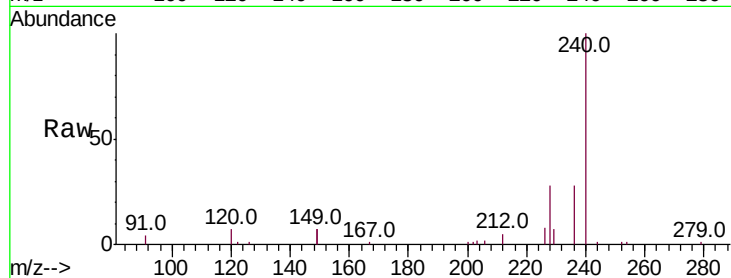




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BE098139.D
 Acq: 1 Nov 2018 10:32

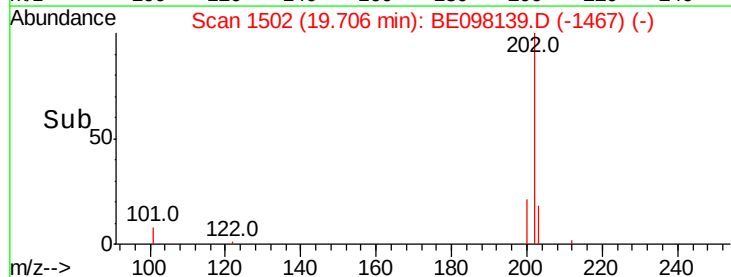
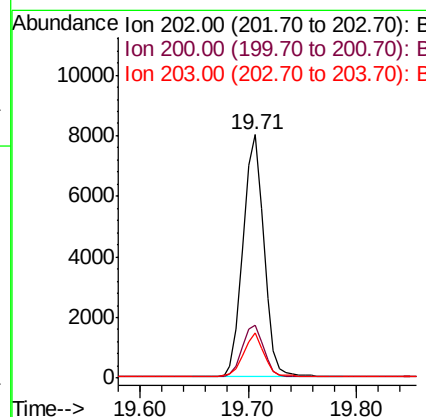
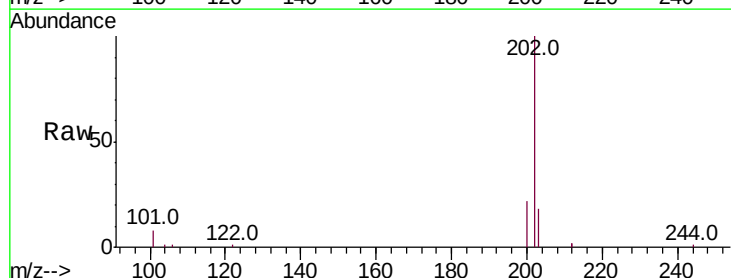
Instrument :
 BNA_E
 ClientSampleId :

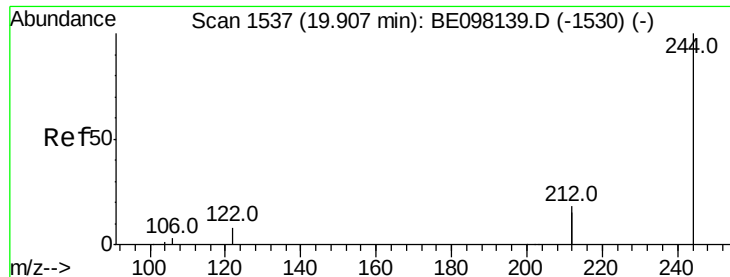
Tot Ion:240 Resp: 10513
 Ion Ratio Lower Upper
 240 100
 120 7.4 7.1 10.7
 236 28.2 21.3 31.9



#28
 Pyrene
 Concen: 0.364 ng
 RT: 19.71 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BE098139.D
 Acq: 1 Nov 2018 10:32

Tgt Ion:202 Resp: 10558
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.0 25.4
 203 17.4 14.2 21.4





#29

Terphenyl-d14

Concen: 0.360 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

Instrument :

BNA_E

ClientSampleId :

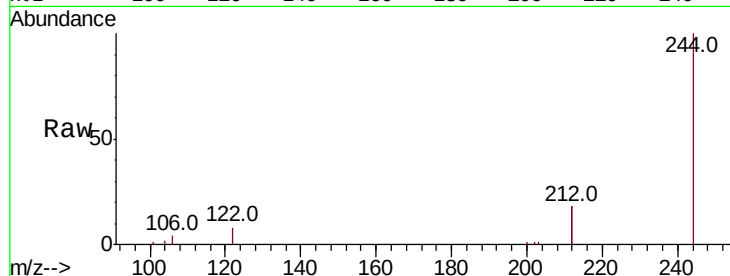
Tot Ion:244 Resp: 8912

Ion Ratio Lower Upper

244 100

212 35.2 26.2 39.2

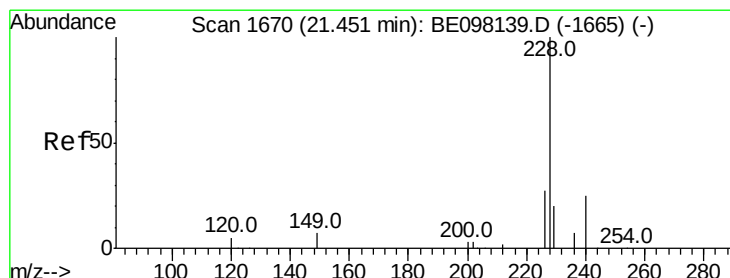
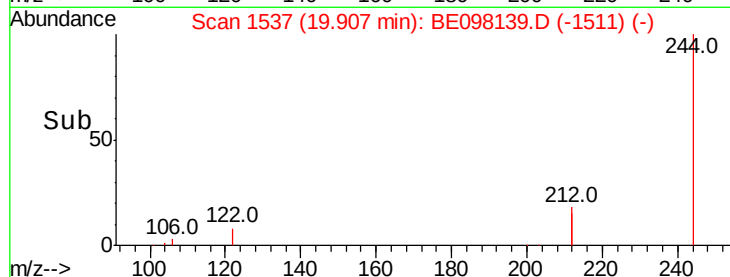
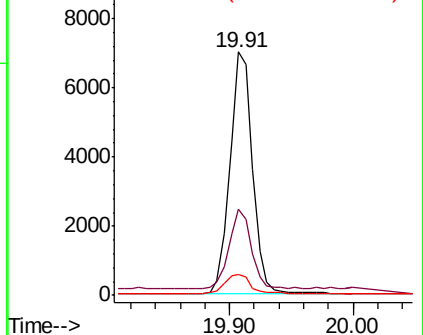
122 8.4 7.7 11.5



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: 0.363 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

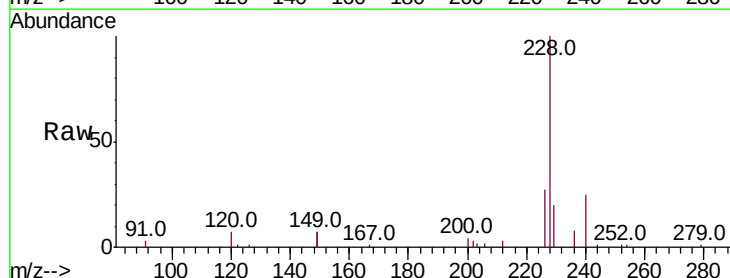
Tgt Ion:228 Resp: 11289

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

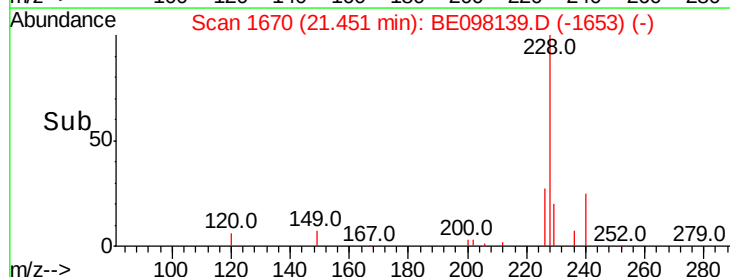
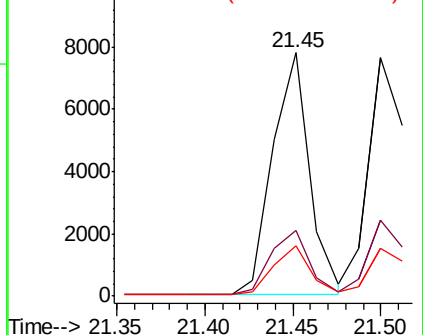
229 20.5 16.9 25.3

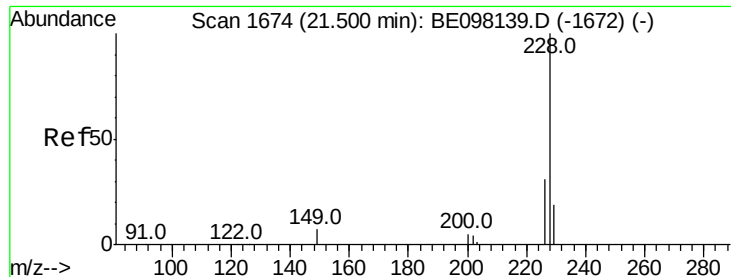


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.371 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

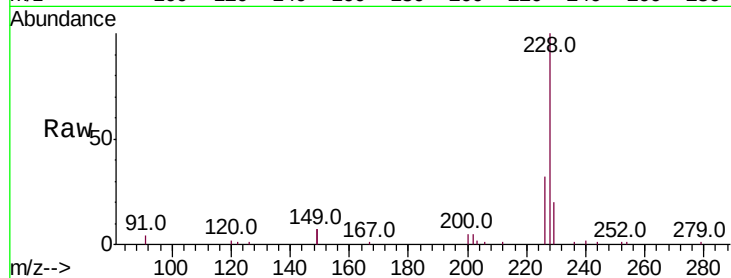
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 11208

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.3	36.5
229	19.7	17.3	25.9

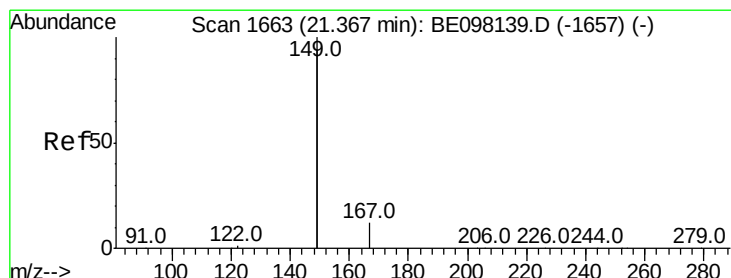
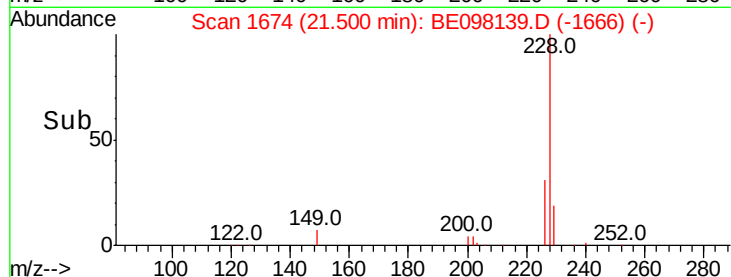
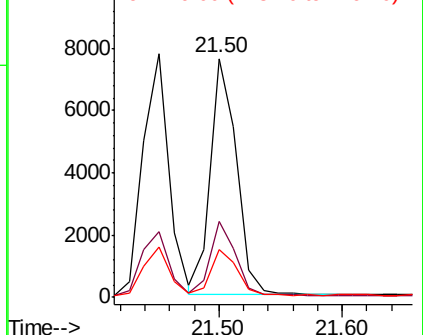


Abundance

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: 0.471 ng

RT: 21.37 min Scan# 1663

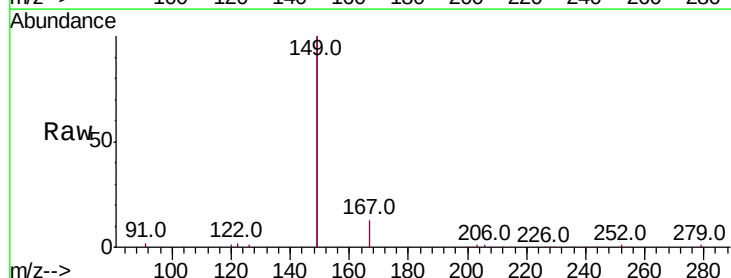
Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

Tgt Ion:149 Resp: 34768

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.6	8.4
279	1.1	0.9	1.3

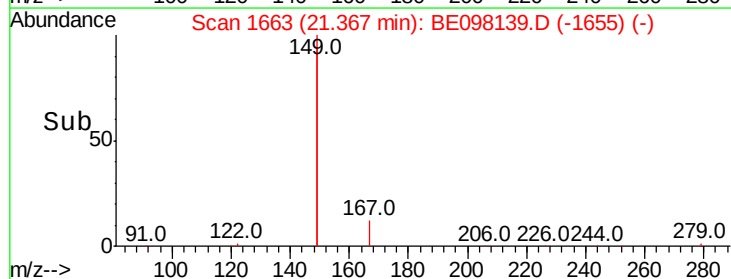
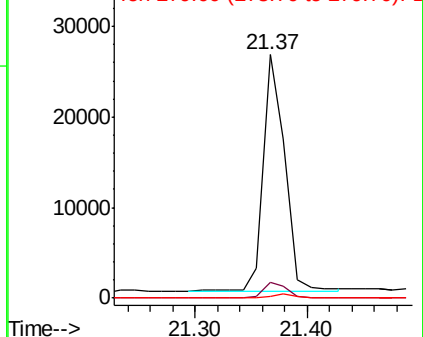


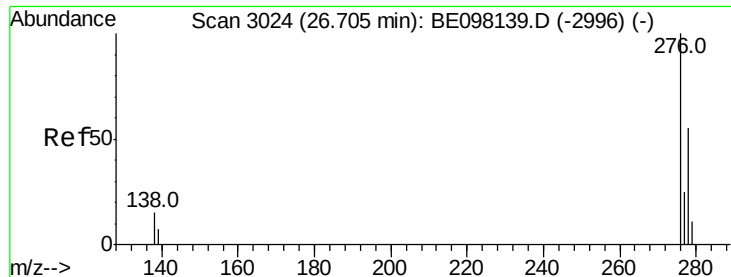
Abundance

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: 0.354 ng

RT: 26.71 min Scan# 3024

Delta R.T. 0.00 min

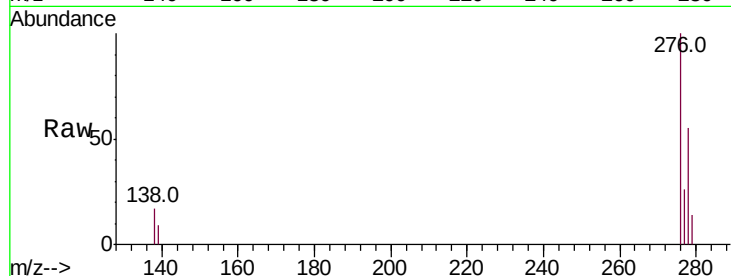
Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

Instrument :

BNA_E

ClientSampleId :



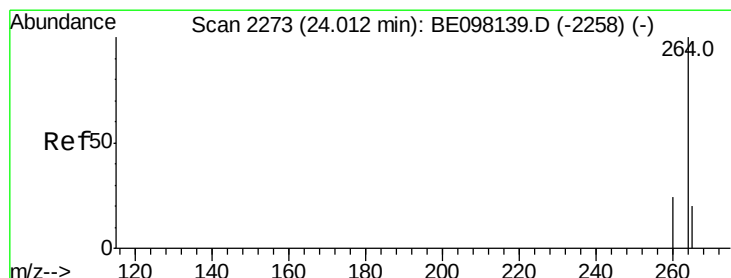
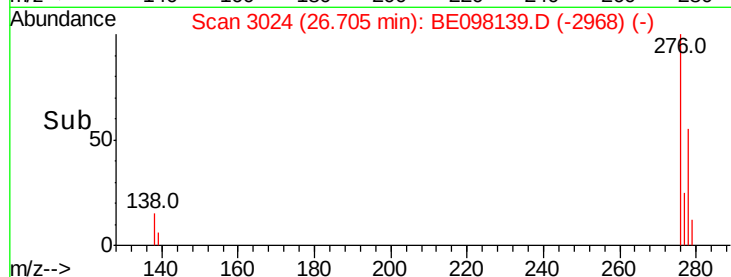
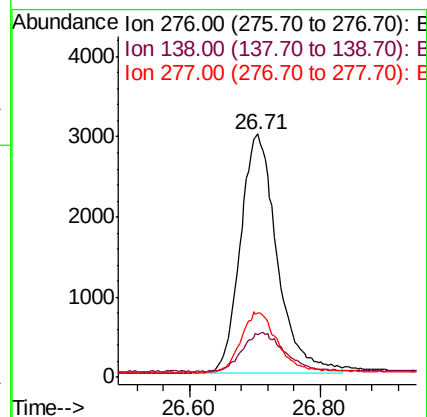
Tot Ion:276 Resp: 11659

Ion Ratio Lower Upper

276 100

138 18.8 17.0 25.6

277 25.2 20.5 30.7



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

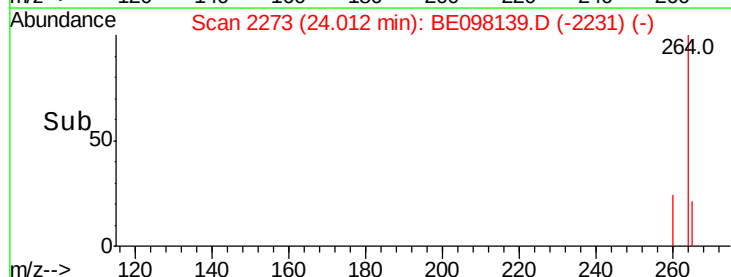
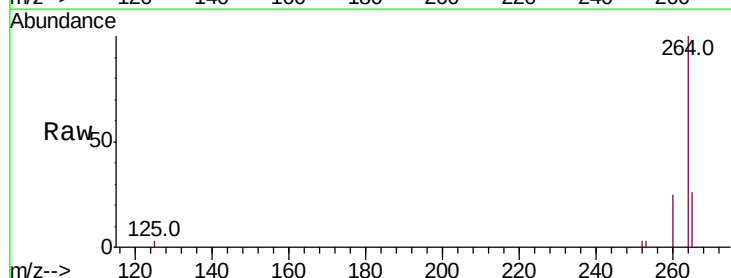
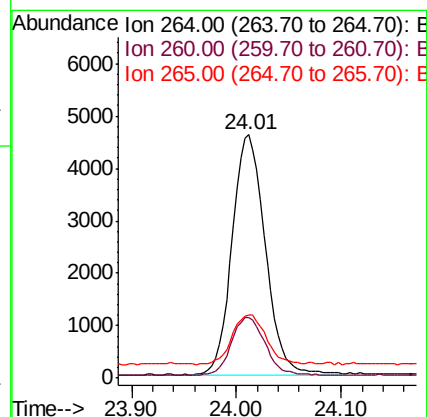
Tgt Ion:264 Resp: 10078

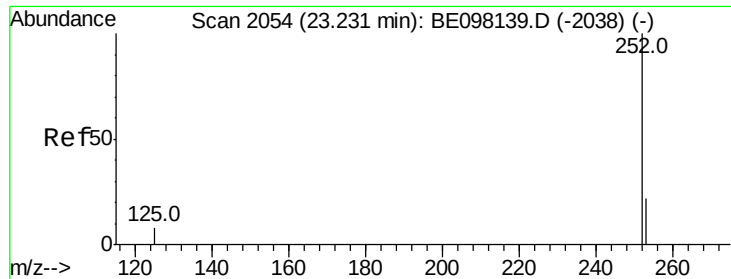
Ion Ratio Lower Upper

264 100

260 24.9 21.1 31.7

265 26.0 29.2 43.8#





#35

Benzo(b)fluoranthene

Concen: 0.382 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

Instrument :

BNA_E

ClientSampleId :

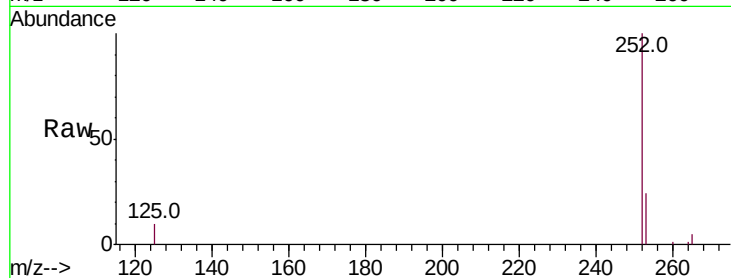
Tot Ion:252 Resp: 10685

Ion Ratio Lower Upper

252 100

253 24.1 20.6 31.0

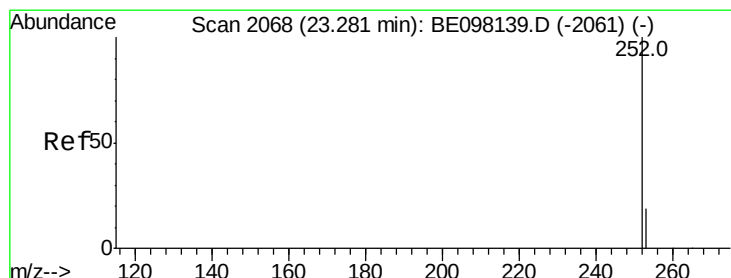
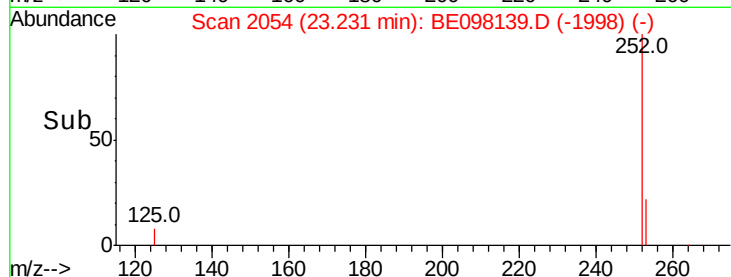
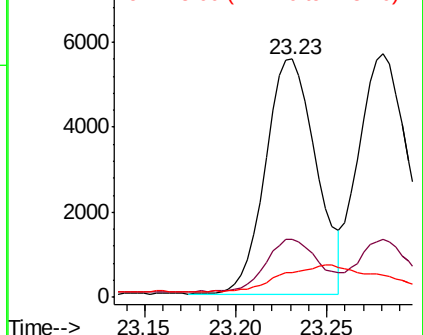
125 10.4 14.3 21.5#



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: 0.376 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

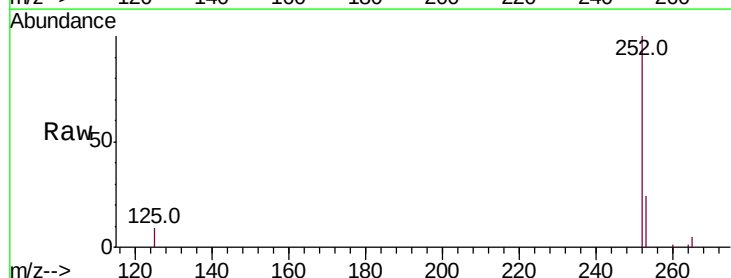
Tgt Ion:252 Resp: 10935

Ion Ratio Lower Upper

252 100

253 23.7 20.4 30.6

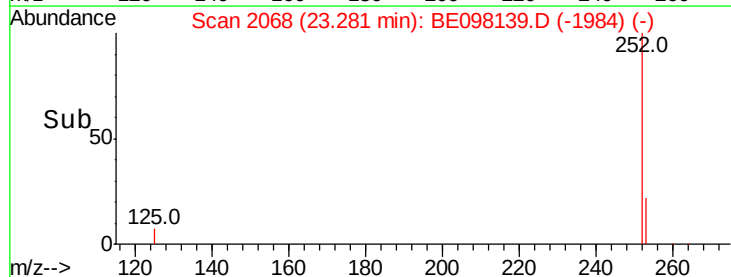
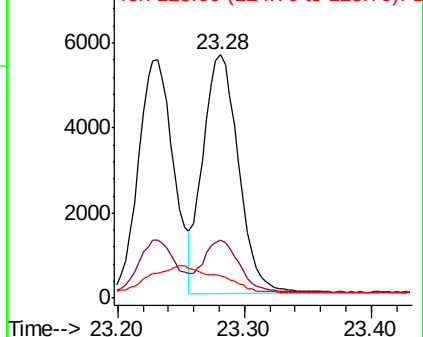
125 9.0 14.6 21.8#

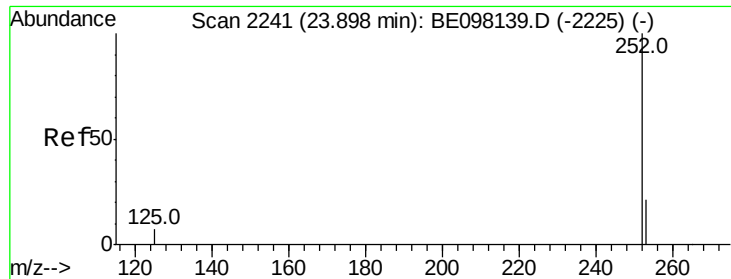


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

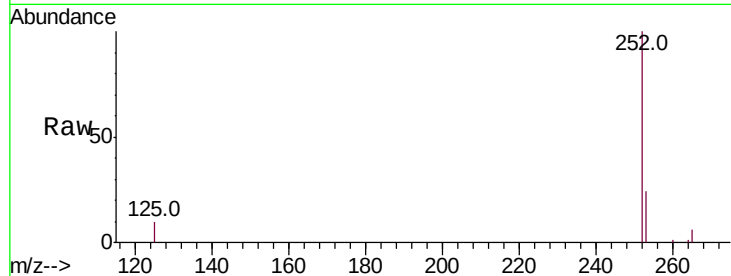




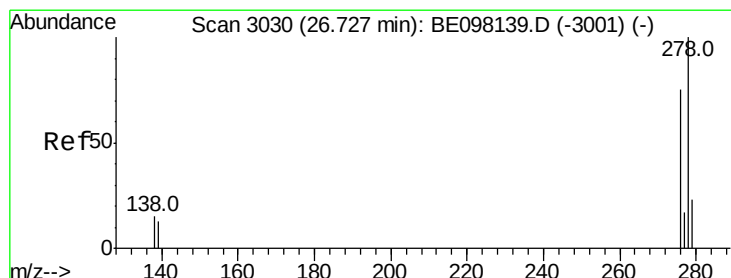
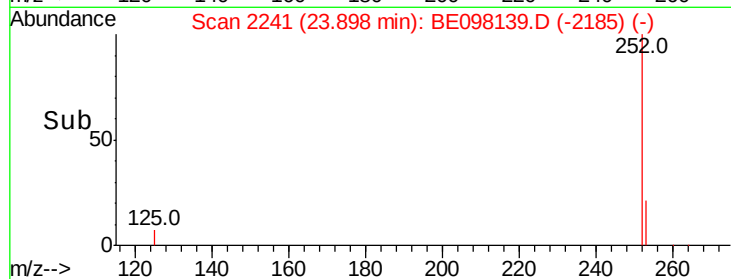
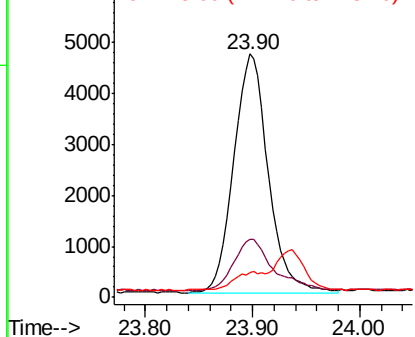
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098139.D
Acq: 1 Nov 2018 10:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 10450
Ion Ratio Lower Upper
252 100
253 23.9 20.6 31.0
125 10.0 15.6 23.4#

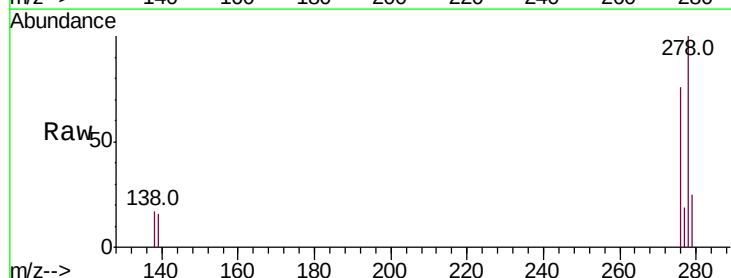


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

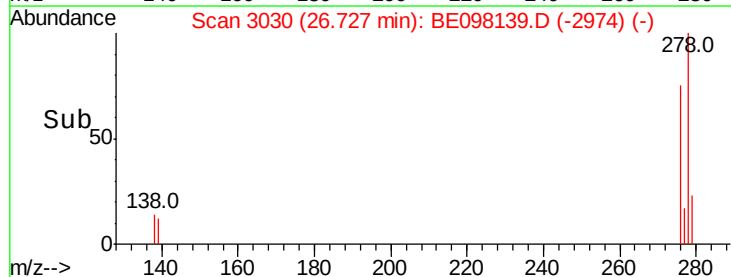
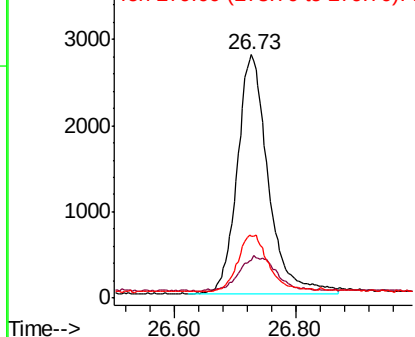


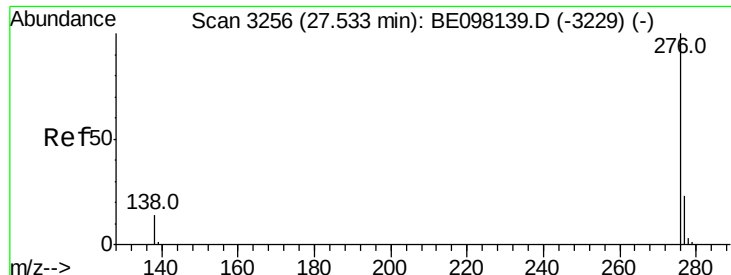
#38
Dibenzo(a,h)anthracene
Concen: 0.366 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098139.D
Acq: 1 Nov 2018 10:32

Tgt Ion:278 Resp: 9811
Ion Ratio Lower Upper
278 100
139 15.5 16.3 24.5#
279 25.4 21.4 32.2



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: 0.366 ng

RT: 27.53 min Scan# 3256

Delta R.T. 0.00 min

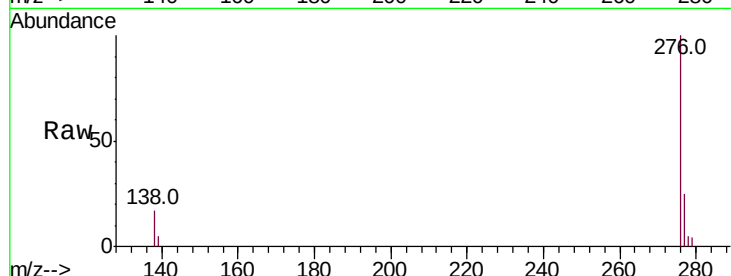
Lab File: BE098139.D

Acq: 1 Nov 2018 10:32

Instrument :

BNA_E

ClientSampleId :



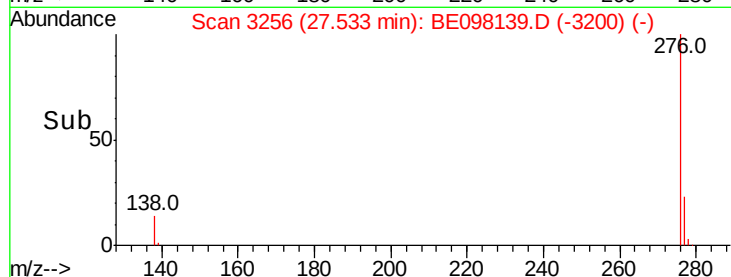
Tot Ion:276 Resp: 9718

Ion Ratio Lower Upper

276 100

277 24.7 22.1 33.1

138 17.0 19.3 28.9#



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

