

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE098998.D
 Acq On : 18 Mar 2019 13:25
 Operator : JU/SJ
 Sample : PB117986BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117986BS

Quant Time: Mar 18 15:04:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	806	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3778	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2501	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6104	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6453	0.40	ng	0.00
34) Perylene-d12	23.89	264	6214	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	584	0.24	ng	0.02
5) Phenol-d6	7.00	99	1134	0.33	ng	0.01
8) Nitrobenzene-d5	8.98	82	1692	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2662	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	291	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5768	0.56	ng	0.00
25) Fluoranthene-d10	19.24	212	31650	0.32	ng	0.00
29) Terphenyl-d14	19.84	244	19081	1.22	ng	0.00

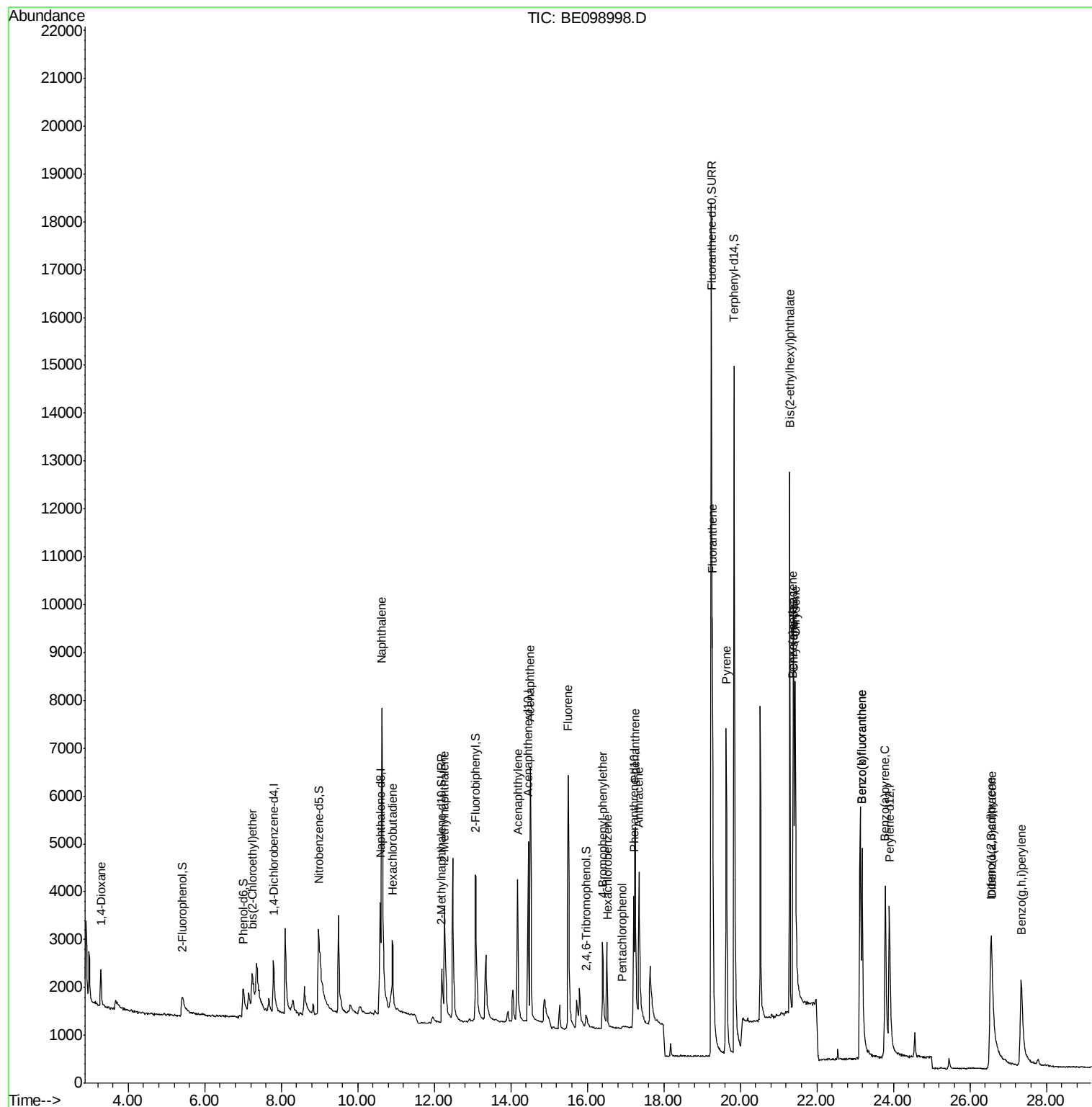
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	608	0.386	ng	99
6) bis(2-Chloroethyl)ether	7.24	93	781	0.297	ng	84
9) Naphthalene	10.63	128	17477	0.404	ng	100
10) Hexachlorobutadiene	10.90	225	1105	0.386	ng	100
12) 2-Methylnaphthalene	12.27	142	2555	0.364	ng	95
16) Acenaphthylene	14.18	152	4964	0.386	ng	98
17) Acenaphthene	14.51	154	2927	0.384	ng	99
18) Fluorene	15.50	166	4168	0.379	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1347	0.407	ng	95
21) Hexachlorobenzene	16.52	284	1519	0.386	ng	97
22) Pentachlorophenol	16.92	266	51	0.303	ng	93
23) Phenanthrene	17.26	178	6618	0.381	ng	99
24) Anthracene	17.35	178	4676	0.315	ng	98
26) Fluoranthene	19.27	202	8374	0.342	ng	99
28) Pyrene	19.63	202	8622	0.437	ng	99
30) Benzo(a)anthracene	21.38	228	7183	0.357	ng	99
31) Chrysene	21.44	228	8281	0.384	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	12247	0.286	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	7010	0.308	ng	# 87
35) Benzo(b)fluoranthene	23.18	252	8887	0.435	ng	97
36) Benzo(k)fluoranthene	23.18	252	9487	0.443	ng	100
37) Benzo(a)pyrene	23.79	252	7872	0.402	ng	# 87
38) Dibenzo(a,h)anthracene	26.57	278	5108	0.276	ng	# 96
39) Benzo(g,h,i)perylene	27.34	276	6264	0.323	ng	97

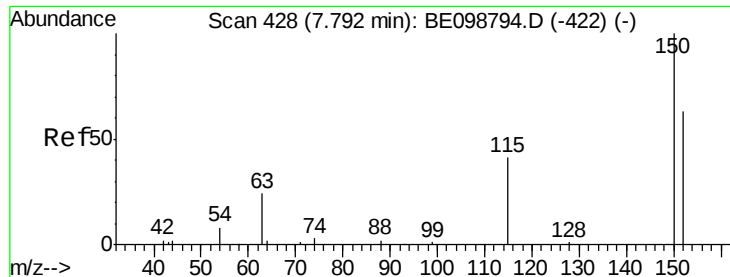
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Instrument :

BNA_E

ClientSampleId :

PB117986BS

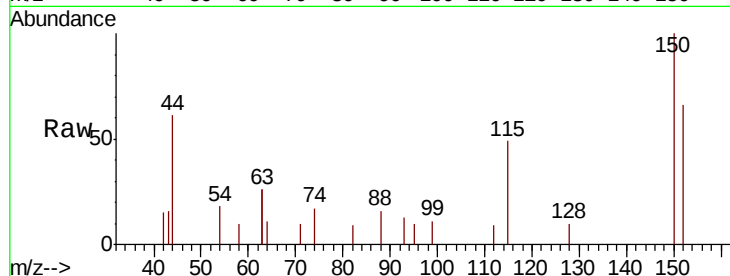
Tot Ion:152 Resp: 806

Ion Ratio Lower Upper

152 100

150 150.7 122.5 183.7

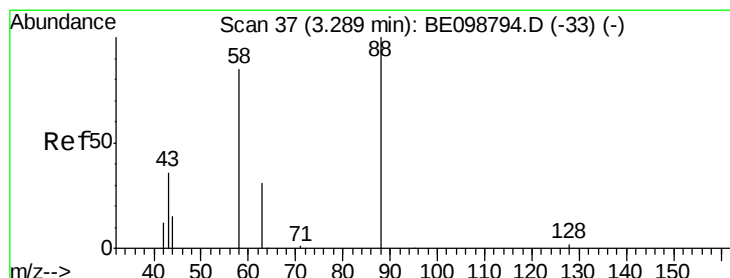
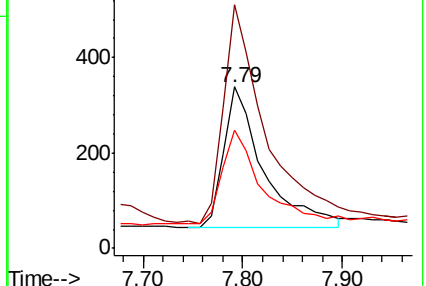
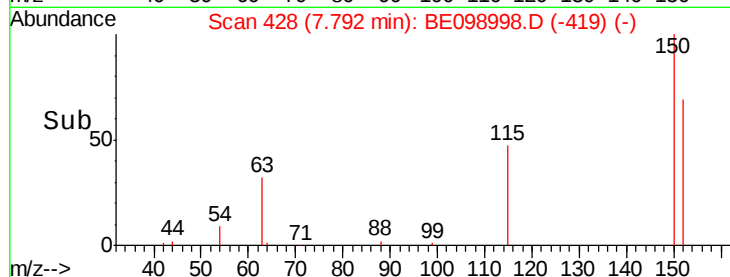
115 73.5 57.4 86.2



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: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

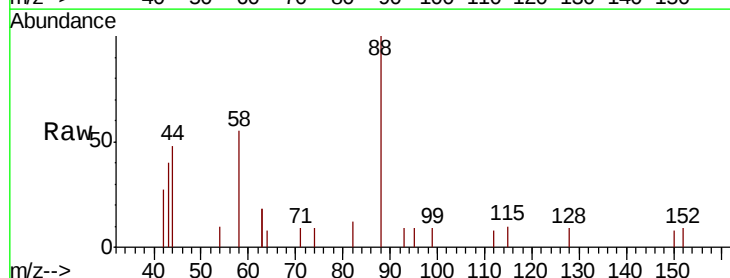
Tgt Ion: 88 Resp: 608

Ion Ratio Lower Upper

88 100

58 94.9 75.8 113.6

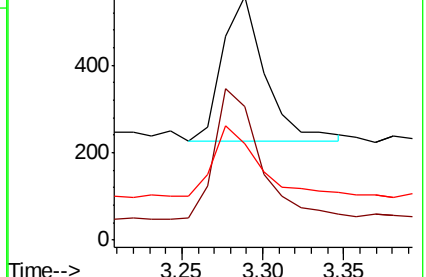
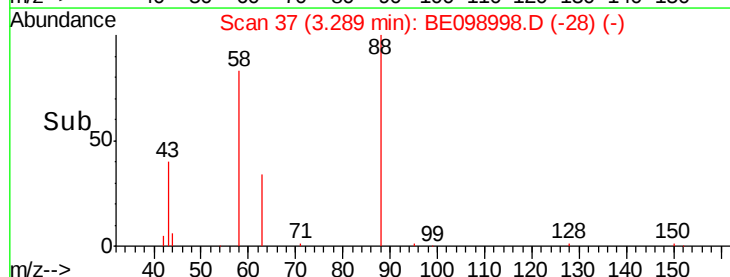
43 53.5 41.8 62.8

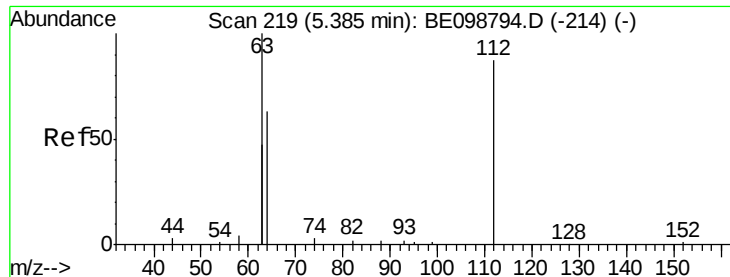


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.242 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Instrument :

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ClientSampleId :

PB117986BS

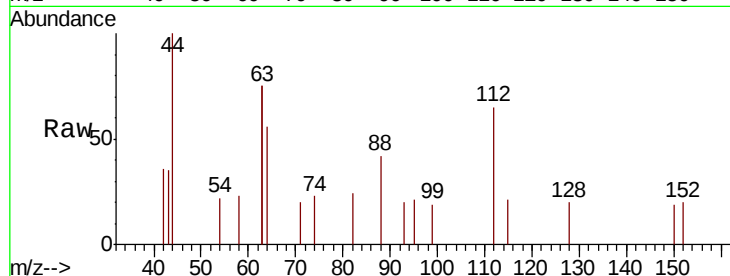
Tot Ion: 112 Resp: 584

Ion Ratio Lower Upper

112 100

64 91.6 57.9 86.9#

63 244.2 158.3 237.5#

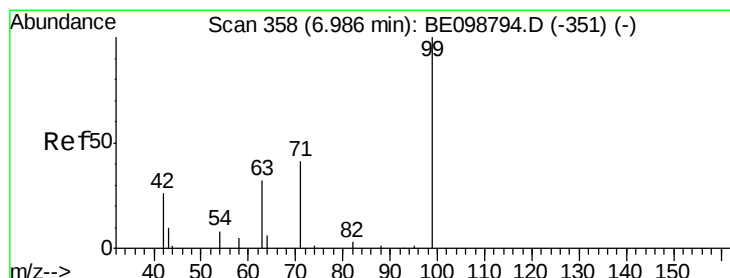
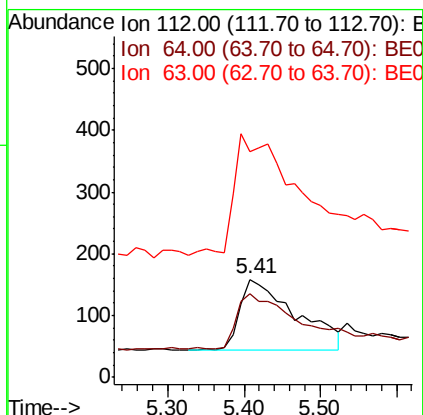
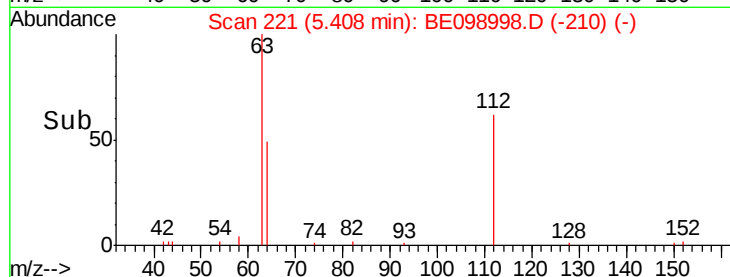


Abundance Ion 112.00 (111.70 to 112.70): BE098794.D (-214) (-)

Ion 64.00 (63.70 to 64.70): BE098794.D (-214) (-)

Ion 63.00 (62.70 to 63.70): BE098794.D (-214) (-)

Time-->



#5

Phenol-d6

Concen: 0.333 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

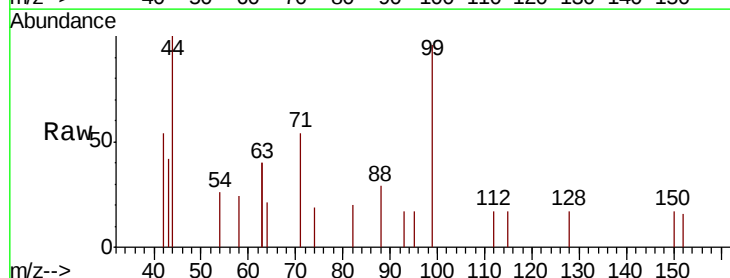
Tgt Ion: 99 Resp: 1134

Ion Ratio Lower Upper

99 100

42 31.1 24.2 36.2

71 43.1 35.7 53.5

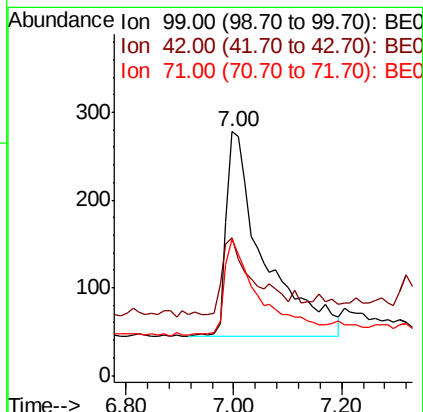
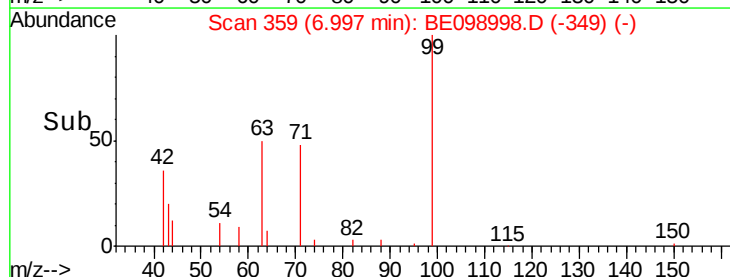


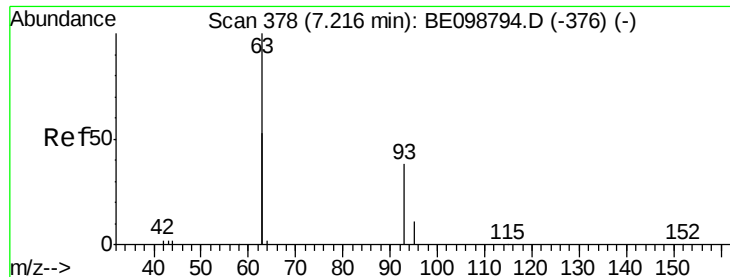
Abundance Ion 99.00 (98.70 to 99.70): BE098794.D (-351) (-)

Ion 42.00 (41.70 to 42.70): BE098794.D (-351) (-)

Ion 71.00 (70.70 to 71.70): BE098794.D (-351) (-)

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.297 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.02 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Instrument :

BNA_E

ClientSampleId :

PB117986BS

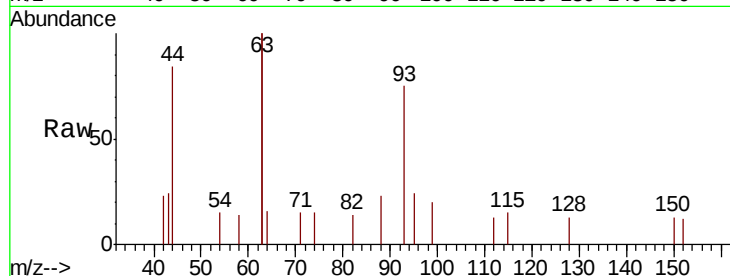
Tot Ion: 93 Resp: 781

Ion Ratio Lower Upper

93 100

63 274.6 247.5 371.3

95 30.6 21.8 32.8

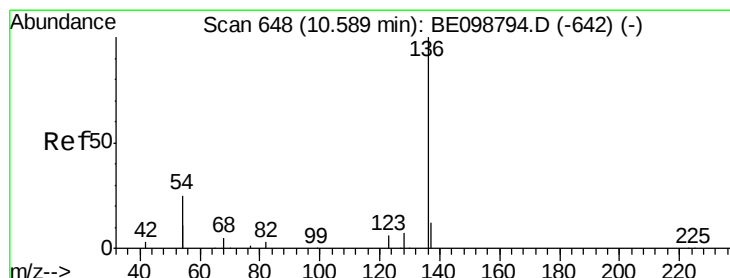
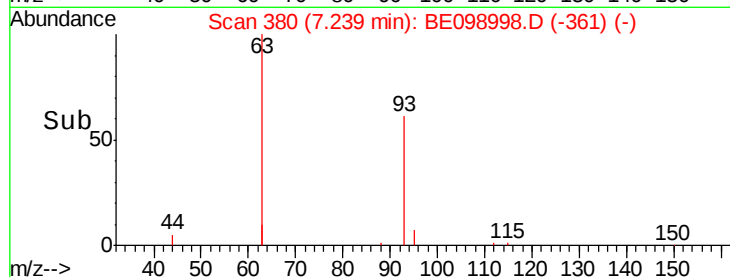
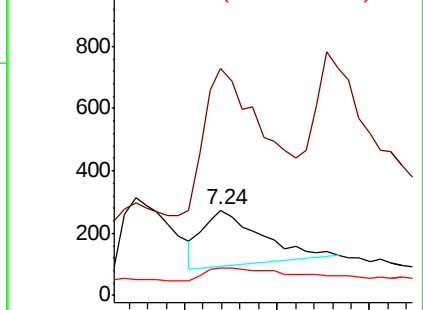


Abundance

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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Tgt Ion: 136 Resp: 3778

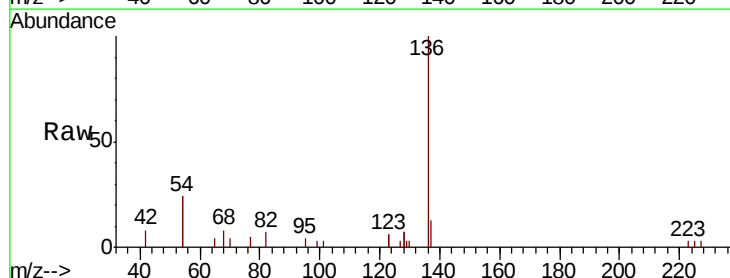
Ion Ratio Lower Upper

136 100

137 13.5 11.4 17.0

54 47.7 39.3 58.9

68 7.6 6.7 10.1



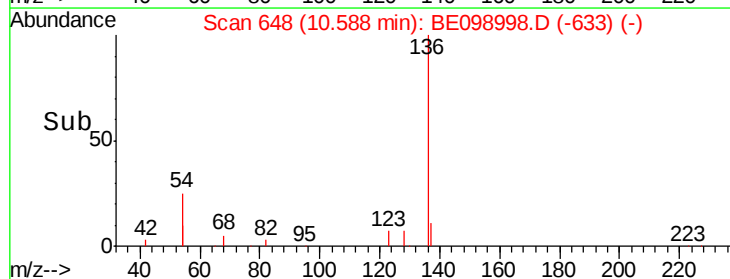
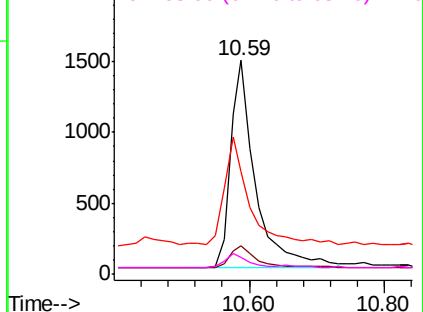
Abundance

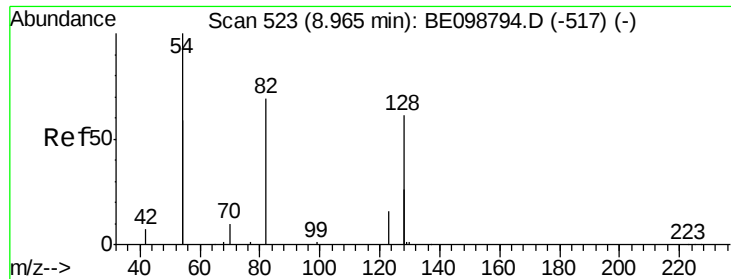
Ion 136.00 (135.70 to 136.70): E

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

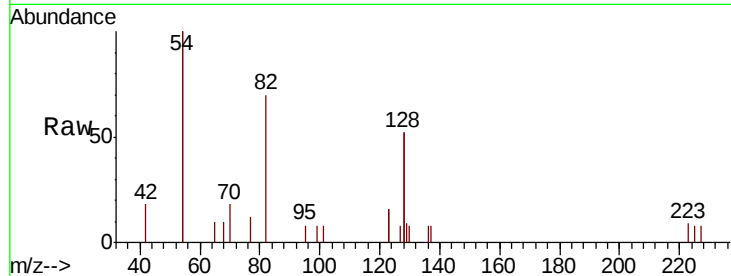




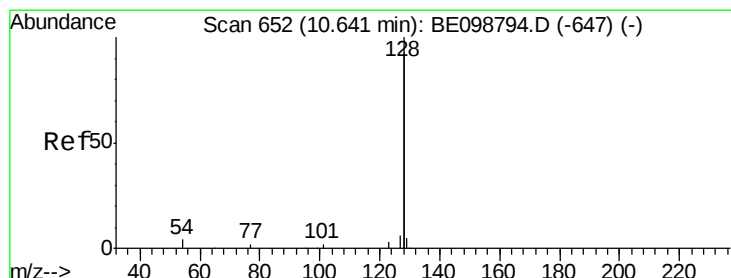
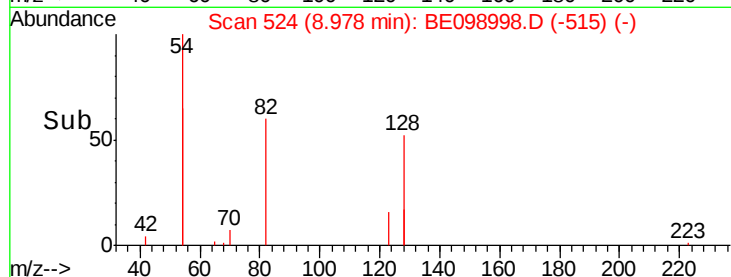
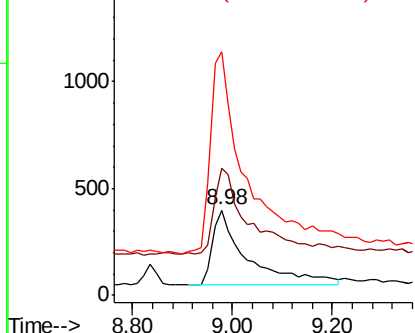
#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098998.D
Acq: 18 Mar 2019 13:25

Instrument :
BNA_E
ClientSampleId :
PB117986BS

Tot Ion: 82 Resp: 1692
Ion Ratio Lower Upper
82 100
128 150.3 123.8 185.8
54 286.4 203.4 305.2

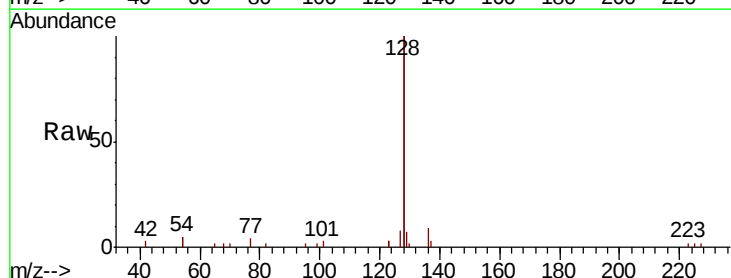


Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0

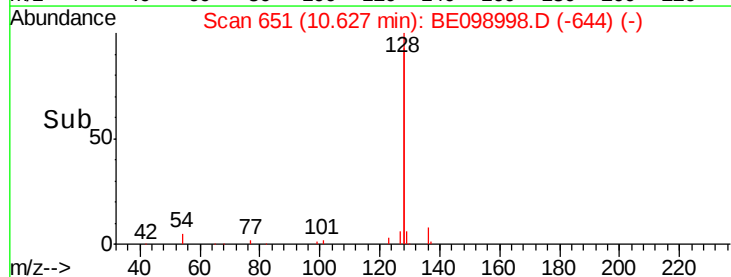
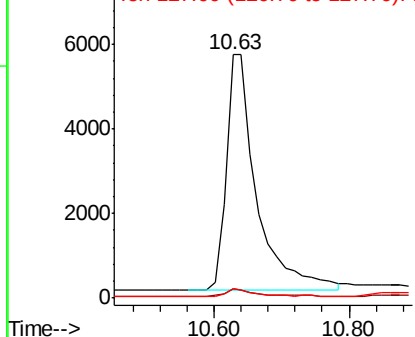


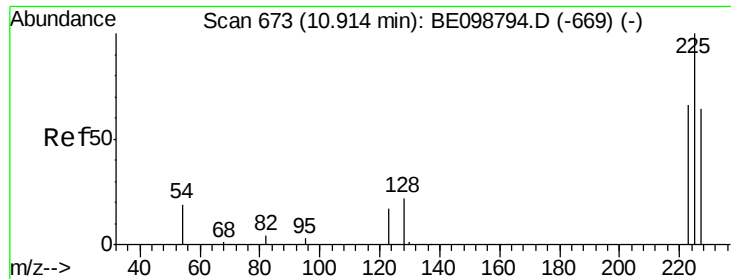
#9
Naphthalene
Concen: 0.404 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE098998.D
Acq: 18 Mar 2019 13:25

Tgt Ion: 128 Resp: 17477
Ion Ratio Lower Upper
128 100
129 3.6 2.6 4.0
127 3.9 3.1 4.7



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

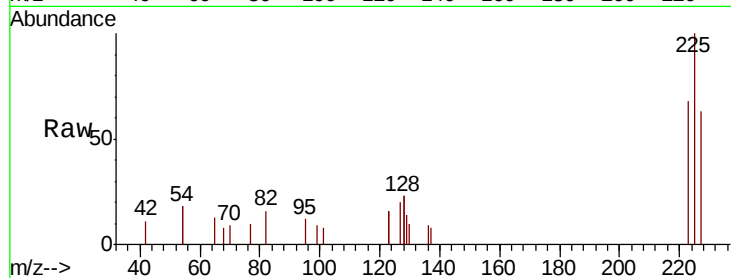




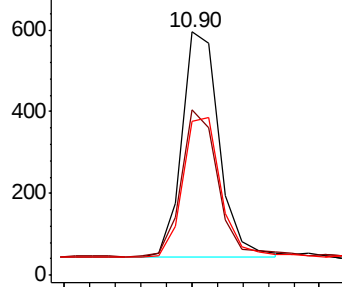
#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.01 min
Lab File: BE098998.D
Acq: 18 Mar 2019 13:25

Instrument :
BNA_E
ClientSampleId :
PB117986BS

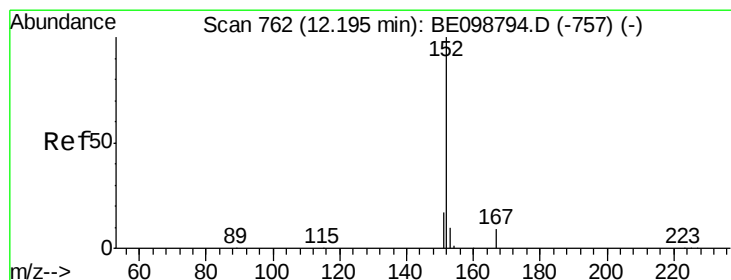
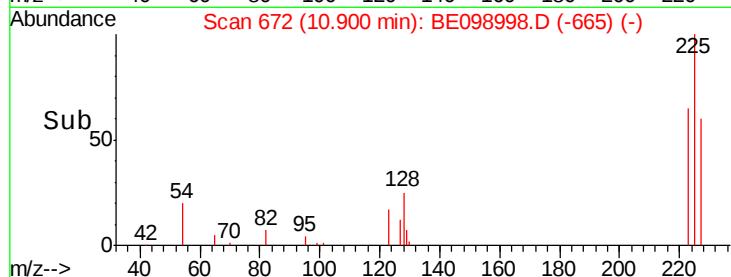
Tot Ion:225 Resp: 1105
Ion Ratio Lower Upper
225 100
223 64.2 51.1 76.7
227 64.1 51.6 77.4



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

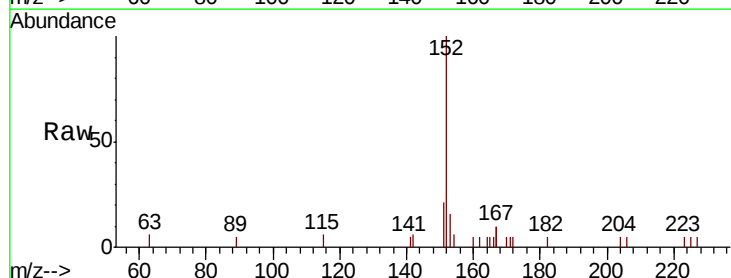


Time--> 10.80 10.90 11.00

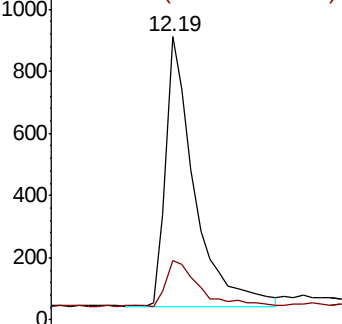


#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098998.D
Acq: 18 Mar 2019 13:25

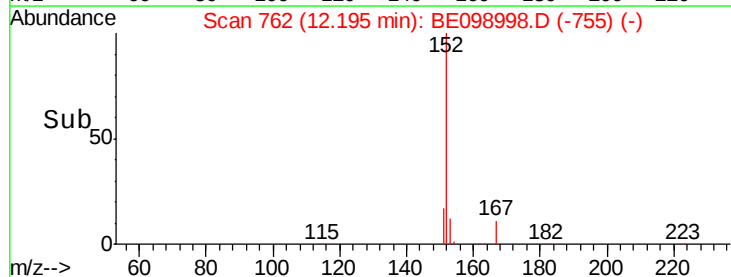
Tgt Ion:152 Resp: 2662
Ion Ratio Lower Upper
152 100
151 18.7 16.5 24.7

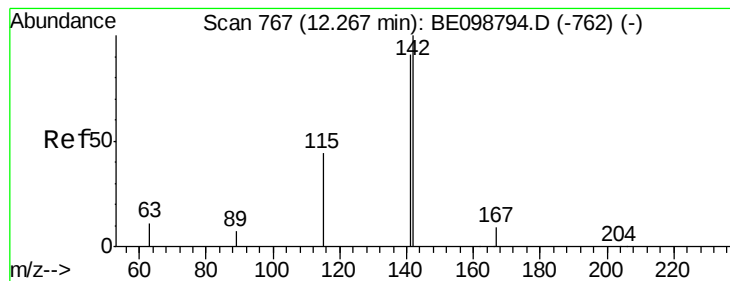


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E



Time--> 12.20 12.40





#12

2-Methylnaphthalene

Concen: 0.364 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Instrument :

BNA_E

ClientSampleId :

PB117986BS

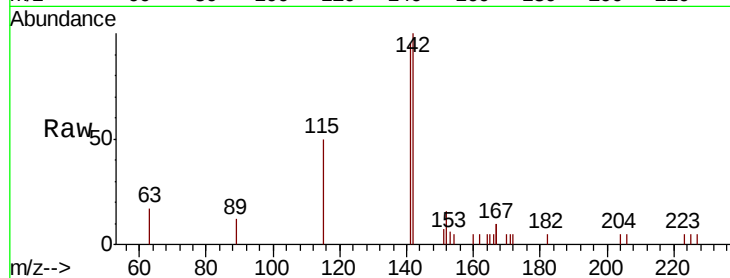
Tot Ion:142 Resp: 2555

Ion Ratio Lower Upper

142 100

141 95.0 72.6 108.8

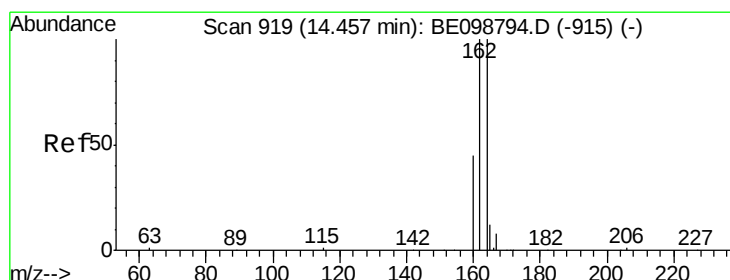
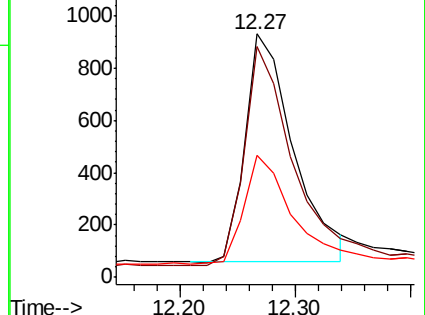
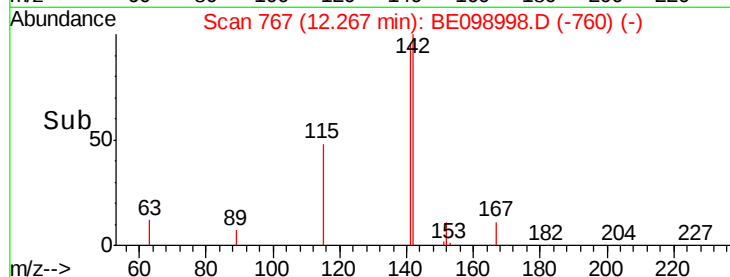
115 50.1 37.4 56.2



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

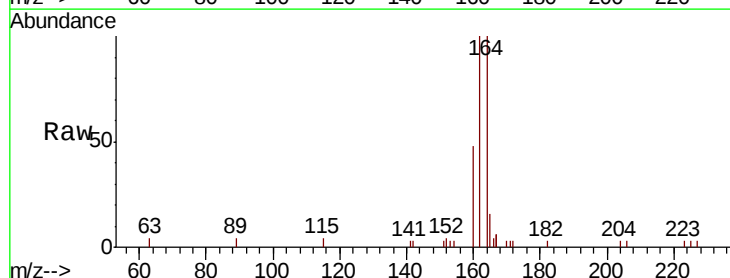
Tgt Ion:164 Resp: 2501

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

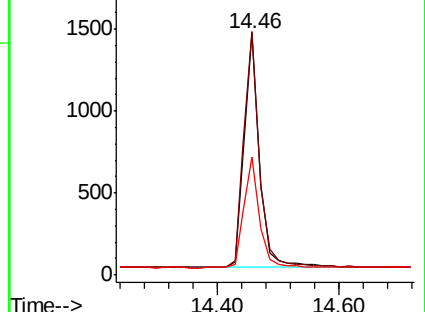
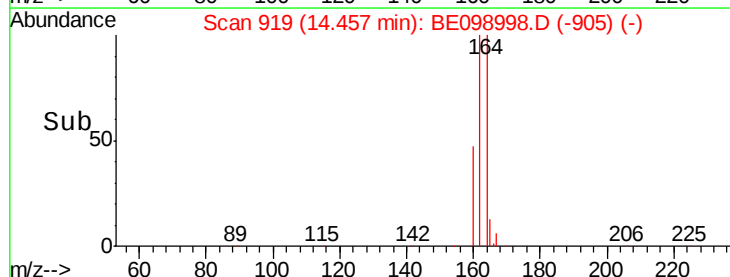
160 48.7 37.8 56.8

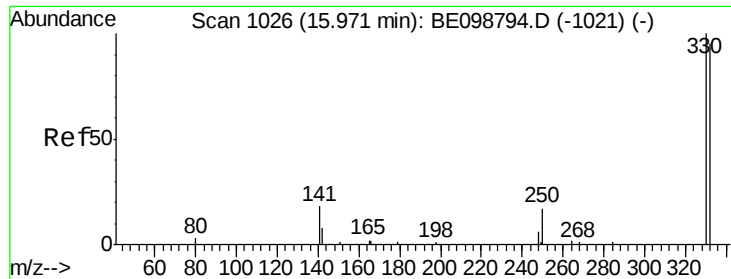


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

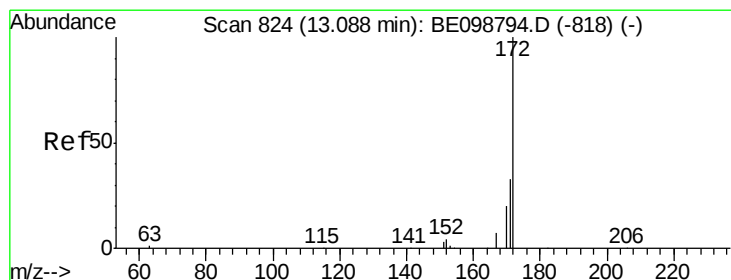
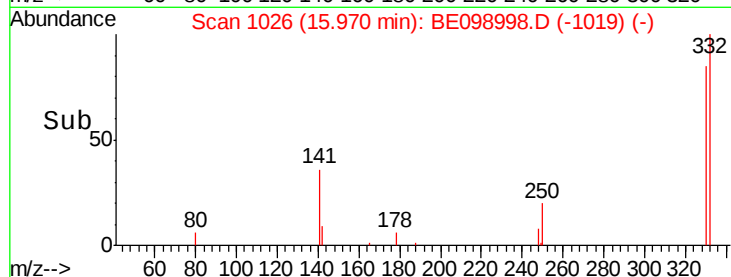
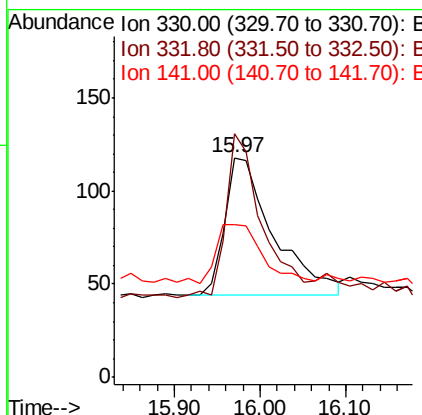
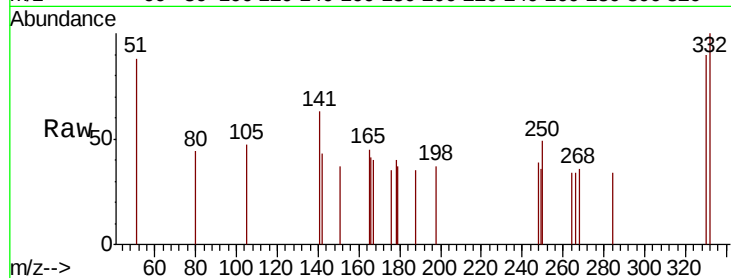




#14
 2,4,6-Tribromophenol
 Concen: 0.231 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098998.D
 Acq: 18 Mar 2019 13:25

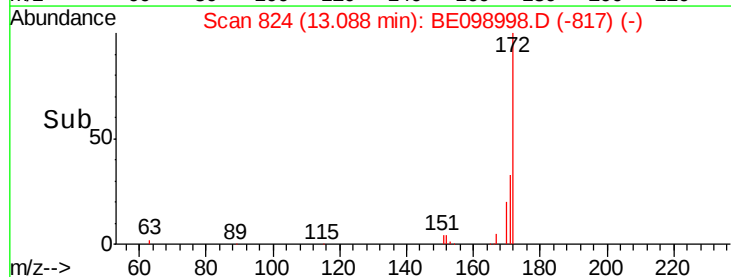
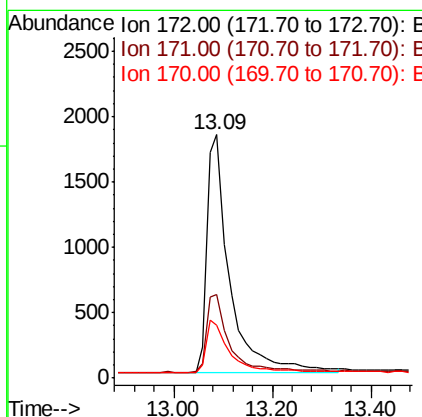
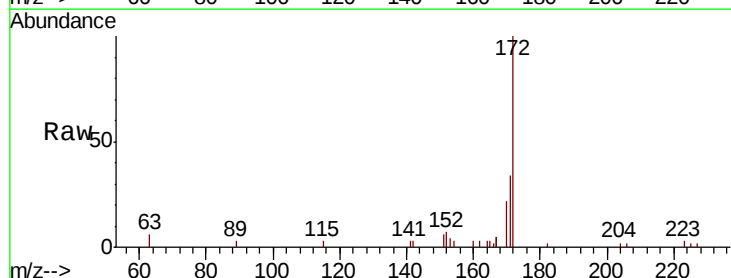
Instrument :
 BNA_E
 ClientSampleId :
 PB117986BS

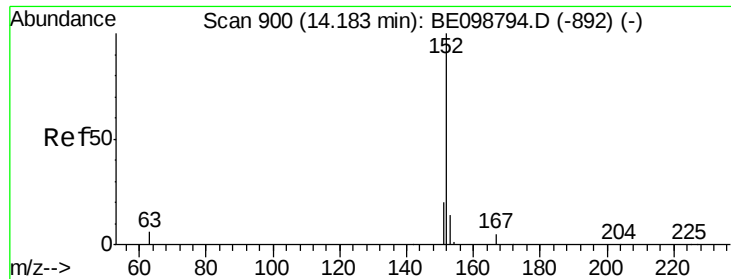
Tot Ion:330 Resp: 291
 Ion Ratio Lower Upper
 330 100
 332 90.0 77.6 116.4
 141 38.8 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.557 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098998.D
 Acq: 18 Mar 2019 13:25

Tgt Ion:172 Resp: 5768
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.0 42.0
 170 21.7 17.7 26.5





#16

Acenaphthylene

Concen: 0.386 ng

RT: 14.18 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Instrument :

BNA_E

ClientSampleId :

PB117986BS

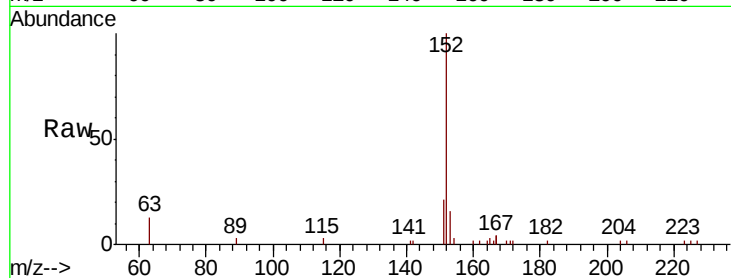
Tot Ion:152 Resp: 4964

Ion Ratio Lower Upper

152 100

151 19.9 17.0 25.6

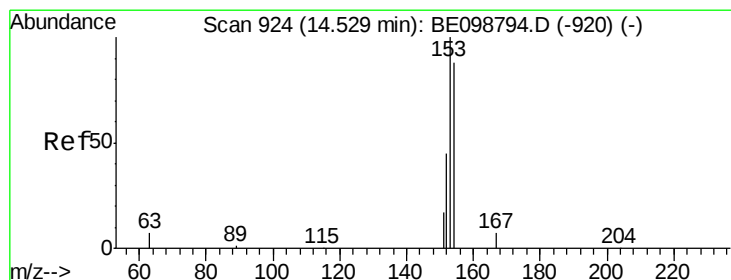
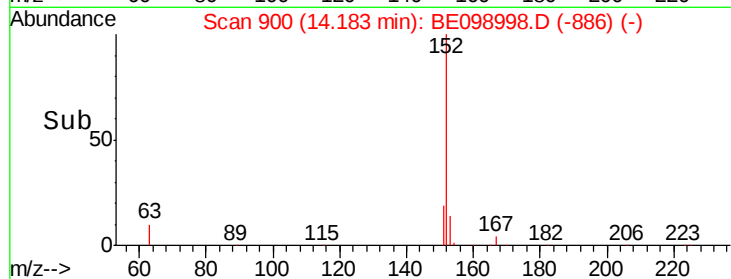
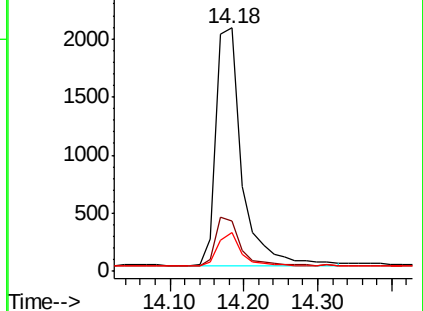
153 13.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.384 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

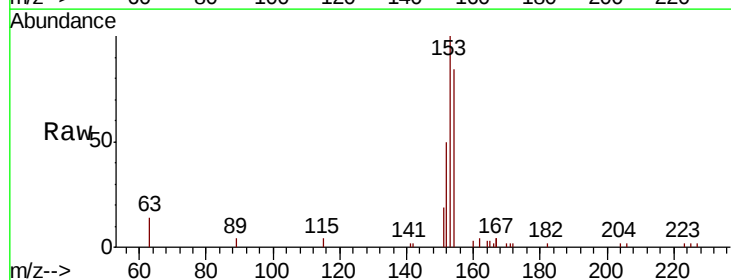
Tgt Ion:154 Resp: 2927

Ion Ratio Lower Upper

154 100

153 118.7 94.2 141.4

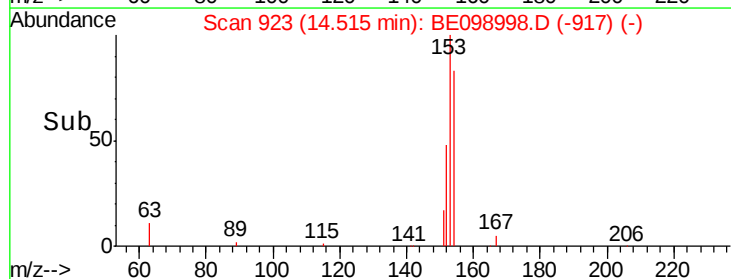
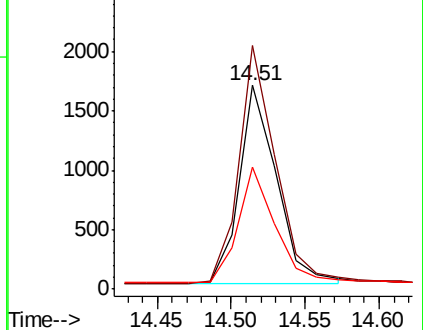
152 57.1 45.0 67.4

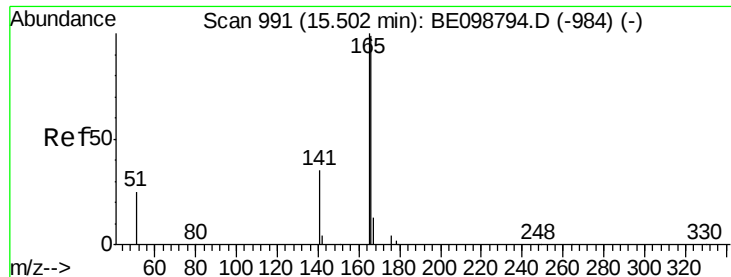


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

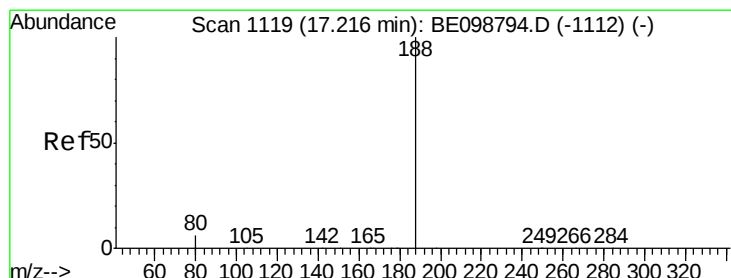
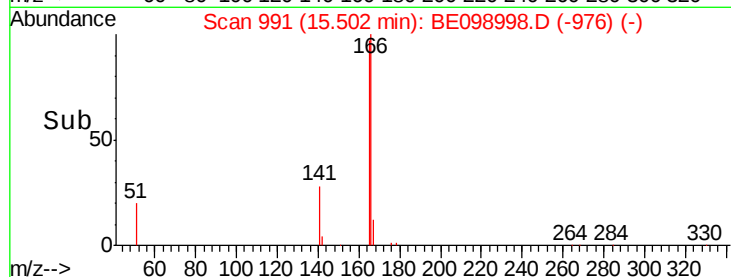
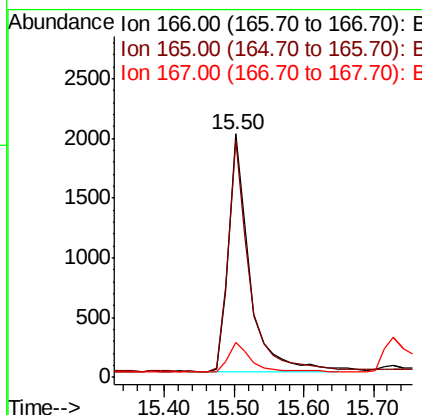
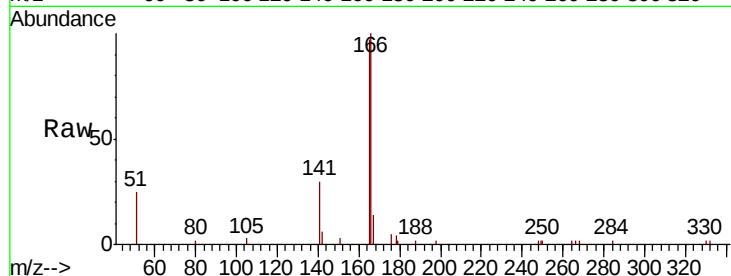




#18
 Fluorene
 Concen: 0.379 ng
 RT: 15.50 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BE098998.D
 Acq: 18 Mar 2019 13:25

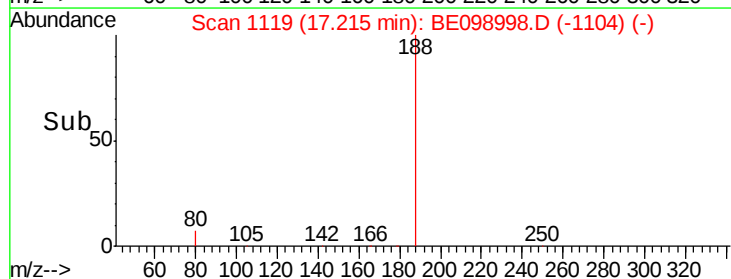
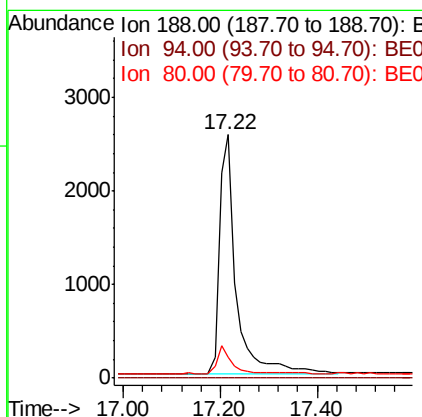
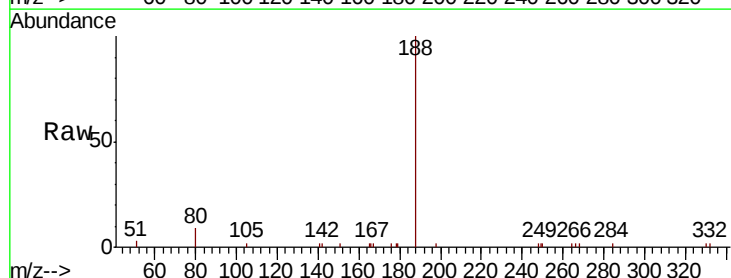
Instrument :
 BNA_E
 ClientSampleId :
 PB117986BS

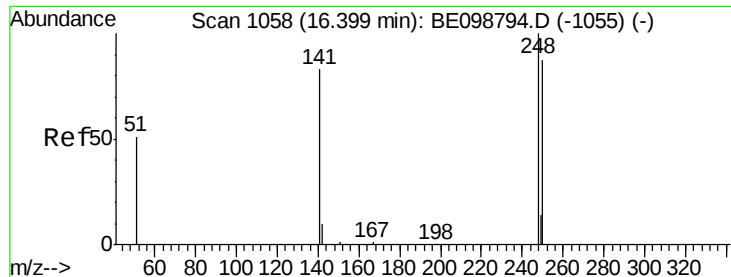
Tot Ion:166 Resp: 4168
 Ion Ratio Lower Upper
 166 100
 165 97.0 79.3 118.9
 167 12.8 10.5 15.7



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.22 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BE098998.D
 Acq: 18 Mar 2019 13:25

Tgt Ion:188 Resp: 6104
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.8 6.3 9.5

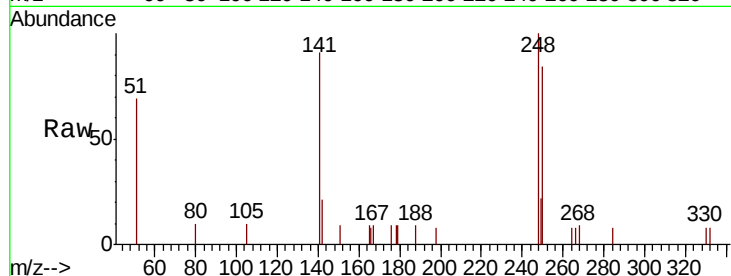




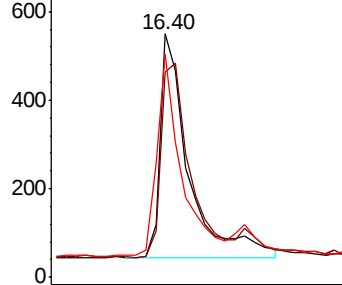
#20
4-Bromophenyl-phenylether
Concen: 0.407 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE098998.D
Acq: 18 Mar 2019 13:25

Instrument :
BNA_E
ClientSampleId :
PB117986BS

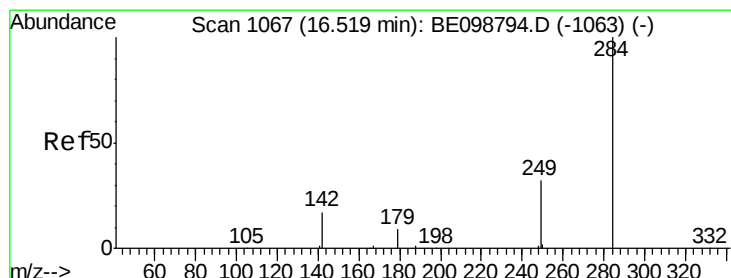
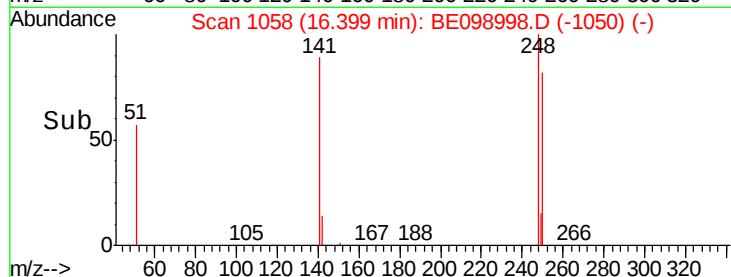
Tot Ion:248 Resp: 1347
Ion Ratio Lower Upper
248 100
250 84.4 70.6 105.8
141 91.5 68.6 102.8



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

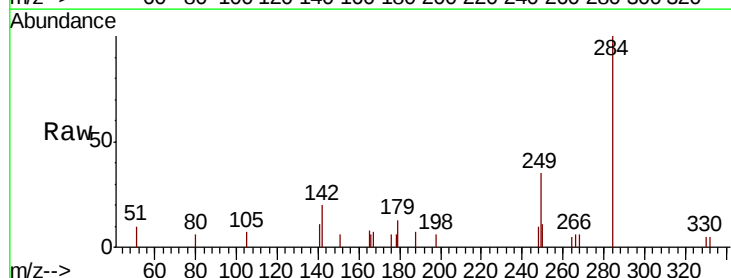


Time-->

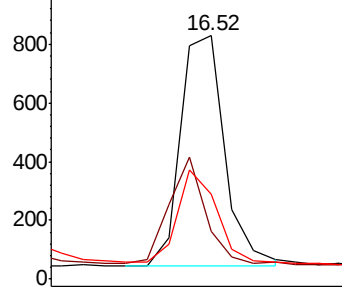


#21
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098998.D
Acq: 18 Mar 2019 13:25

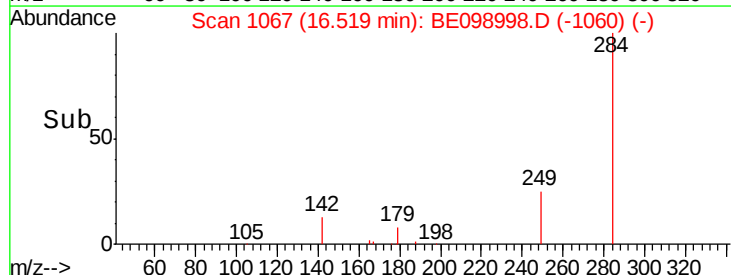
Tgt Ion:284 Resp: 1519
Ion Ratio Lower Upper
284 100
142 37.8 28.7 43.1
249 34.8 29.6 44.4

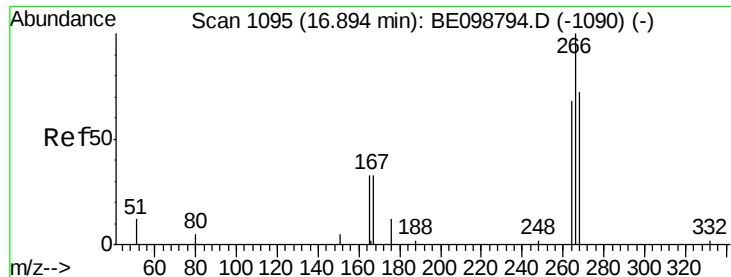


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->

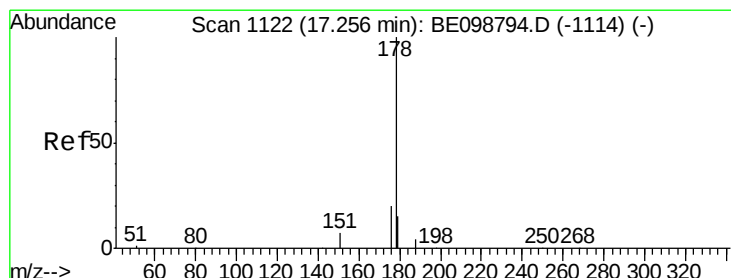
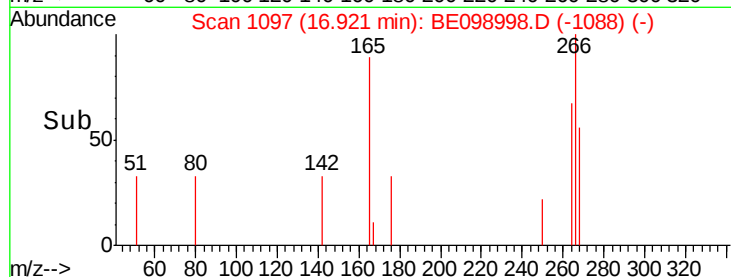
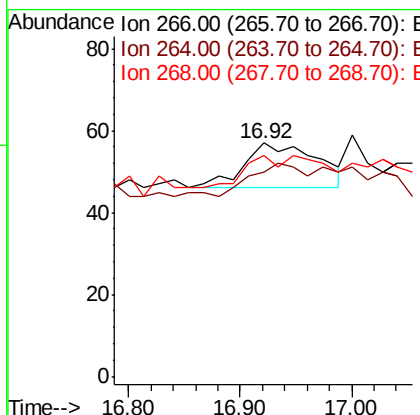
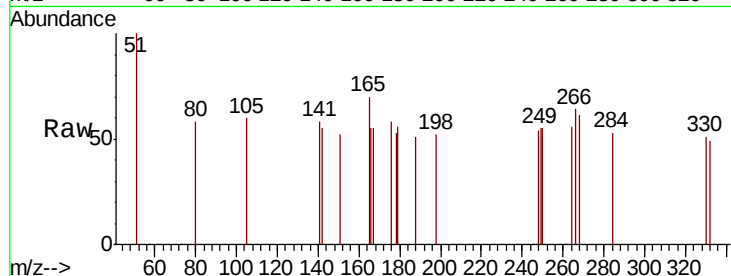




#22
 Pentachlorophenol
 Concen: 0.303 ng
 RT: 16.92 min Scan# 1097
 Delta R.T. 0.03 min
 Lab File: BE098998.D
 Acq: 18 Mar 2019 13:25

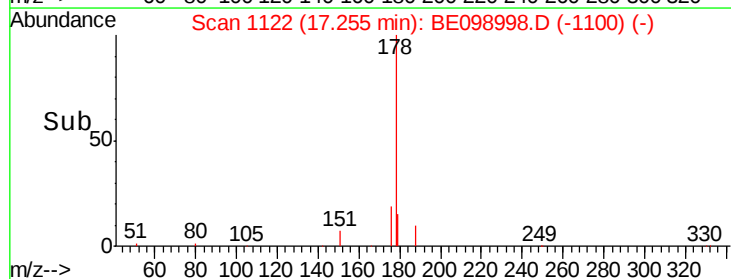
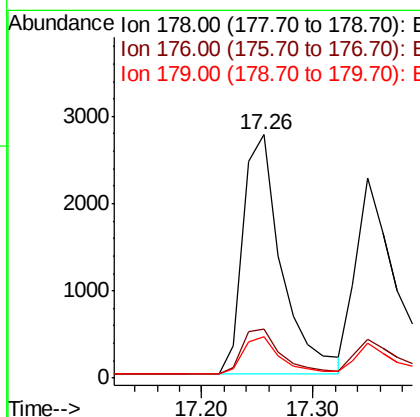
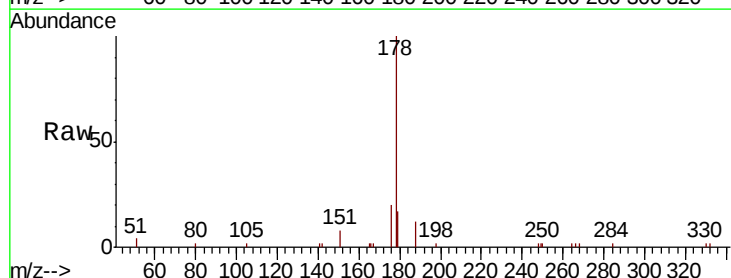
Instrument :
 BNA_E
 ClientSampleId :
 PB117986BS

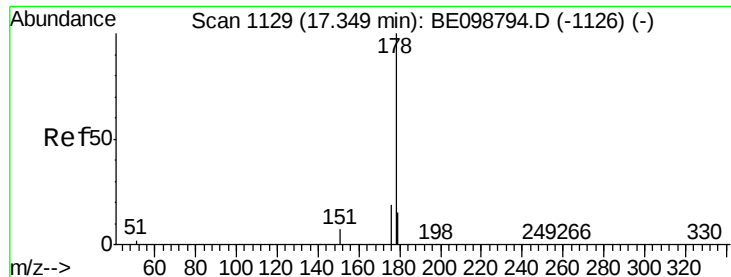
Tot Ion:266 Resp: 51
 Ion Ratio Lower Upper
 266 100
 264 87.7 66.6 100.0
 268 94.7 69.8 104.8



#23
 Phenanthrene
 Concen: 0.381 ng
 RT: 17.26 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BE098998.D
 Acq: 18 Mar 2019 13:25

Tgt Ion:178 Resp: 6618
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.1 12.1 18.1





#24

Anthracene

Concen: 0.315 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Instrument :

BNA_E

ClientSampleId :

PB117986BS

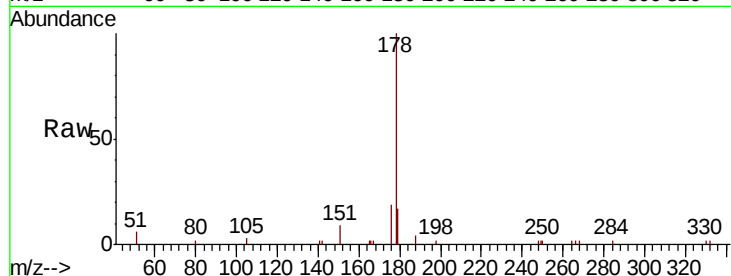
Tot Ion:178 Resp: 4676

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

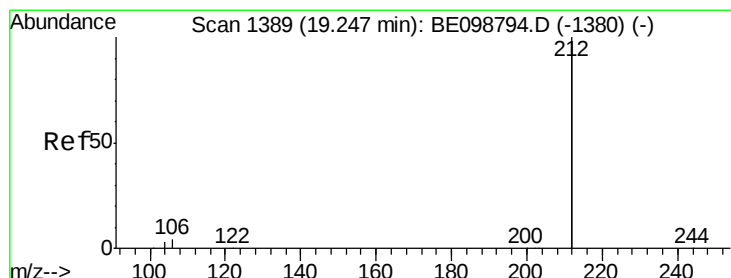
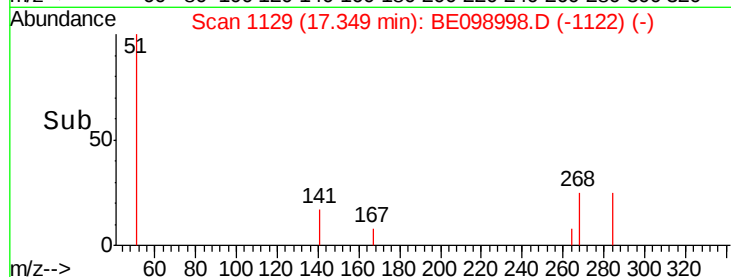
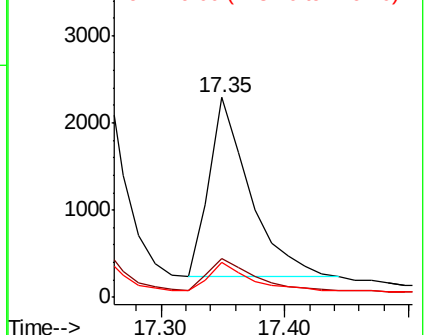
179 15.8 12.2 18.4



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



#25

Fluoranthene-d10

Concen: 0.325 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

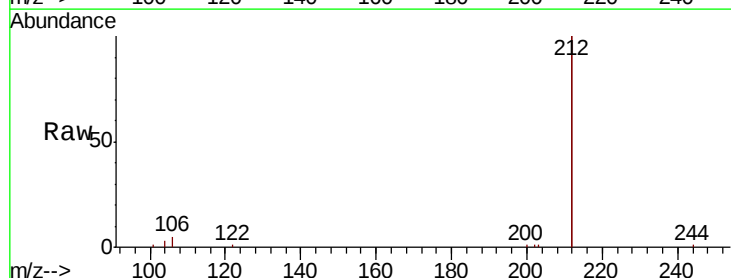
Tgt Ion:212 Resp: 31650

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

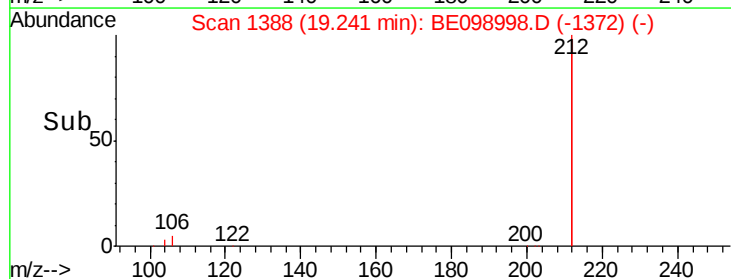
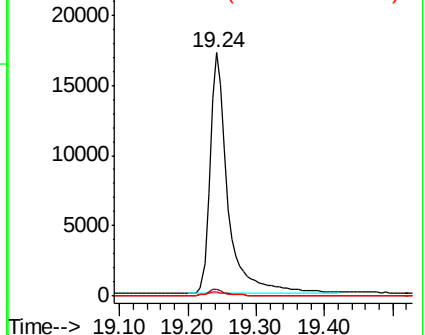
104 1.4 1.0 1.6

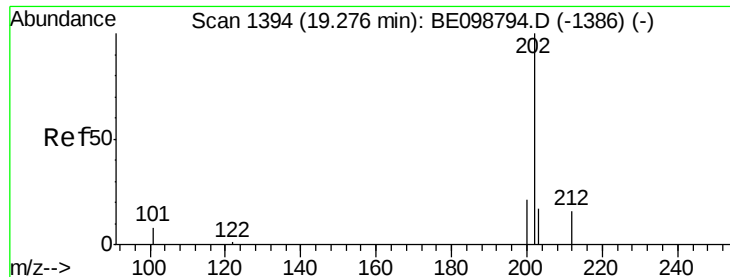


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

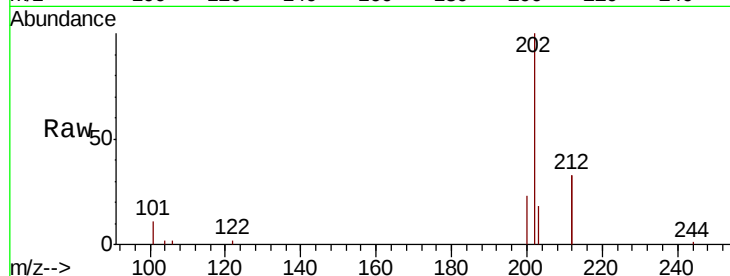




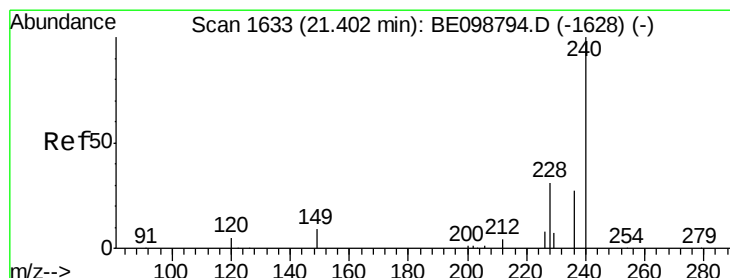
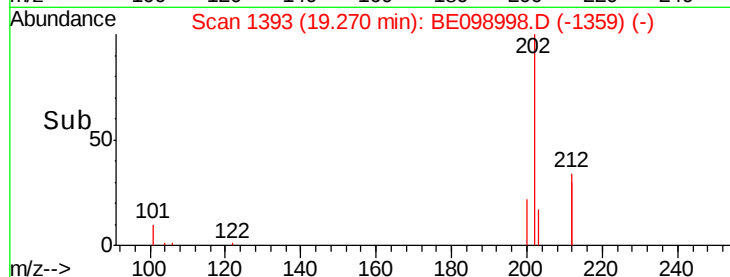
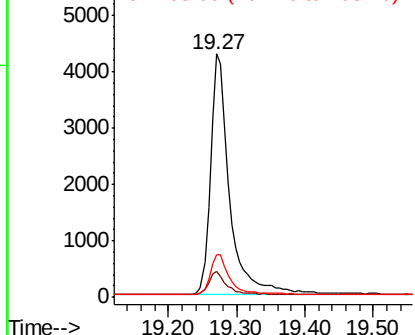
#26
Fluoranthene
Concen: 0.342 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE098998.D
Acq: 18 Mar 2019 13:25

Instrument :
BNA_E
ClientSampleId :
PB117986BS

Tot Ion:202 Resp: 8374
Ion Ratio Lower Upper
202 100
101 9.2 7.3 10.9
203 16.4 13.4 20.2

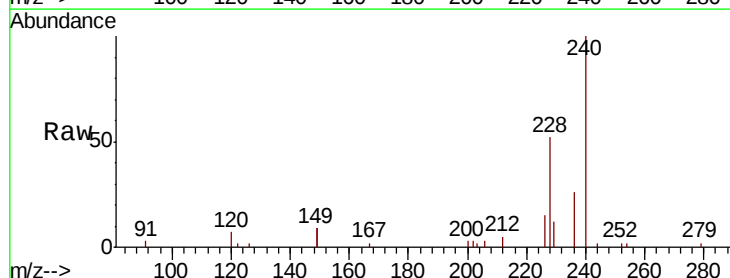


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

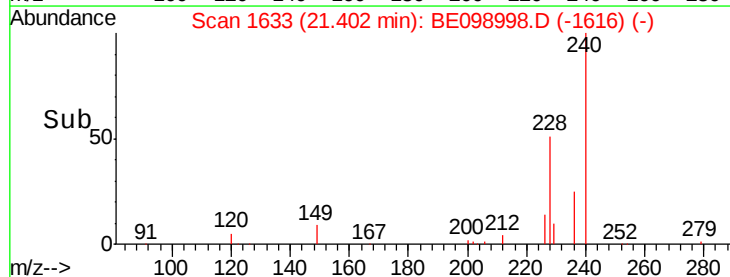
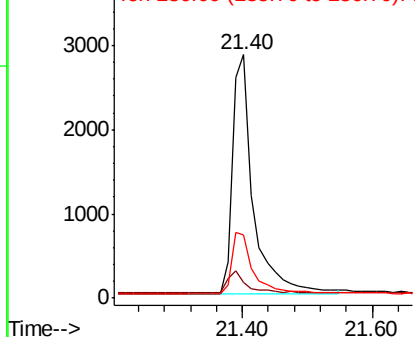


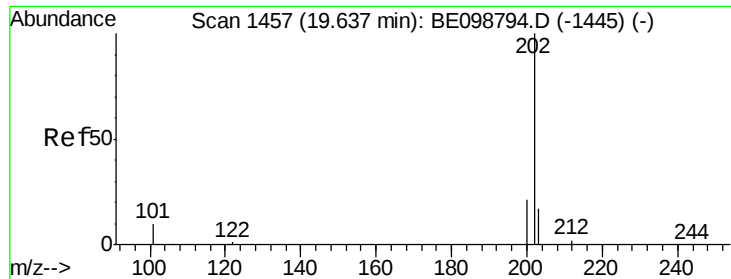
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098998.D
Acq: 18 Mar 2019 13:25

Tgt Ion:240 Resp: 6453
Ion Ratio Lower Upper
240 100
120 6.6 5.0 7.4
236 26.2 22.7 34.1



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

Pvrene

Concen: 0.437 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Instrument :

BNA_E

ClientSampleId :

PB117986BS

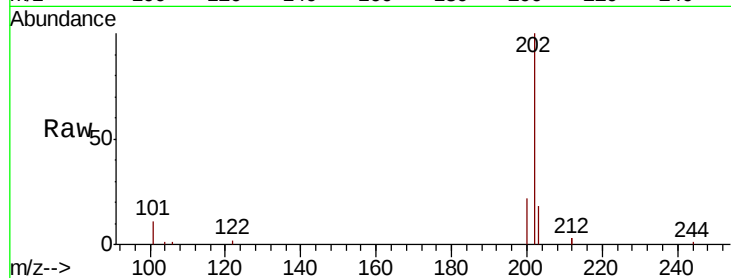
Tot Ion:202 Resp: 8622

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

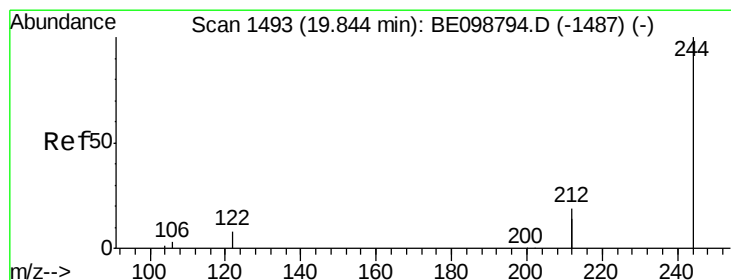
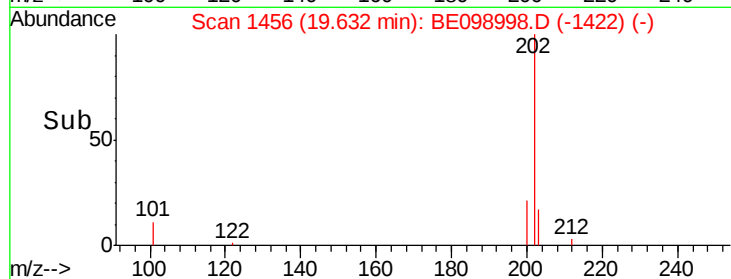
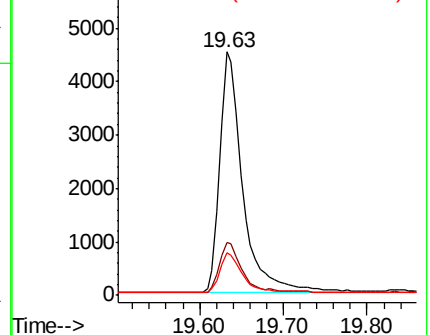
203 16.6 14.2 21.2



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: 1.217 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

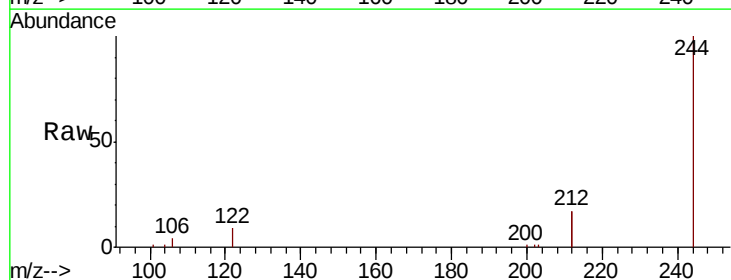
Tgt Ion:244 Resp: 19081

Ion Ratio Lower Upper

244 100

212 33.9 29.4 44.2

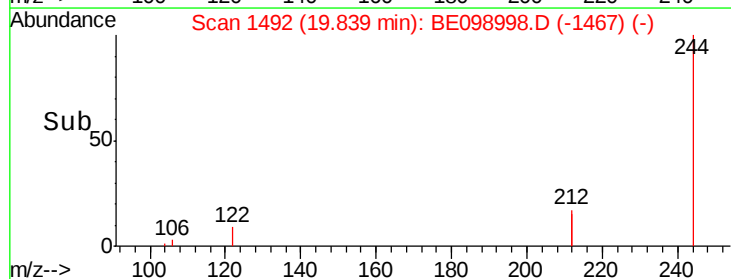
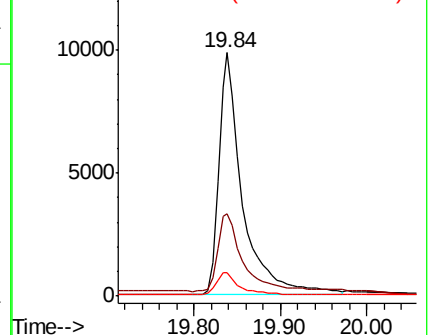
122 9.4 7.1 10.7

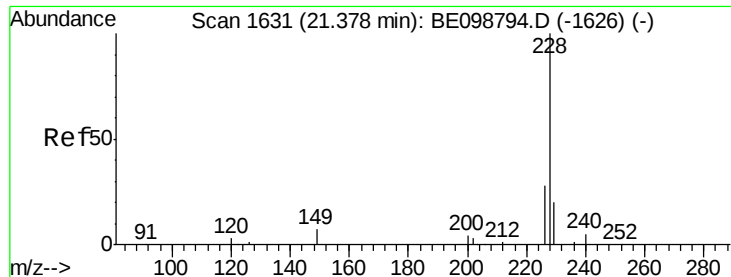


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.357 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Instrument :

BNA_E

ClientSampleId :

PB117986BS

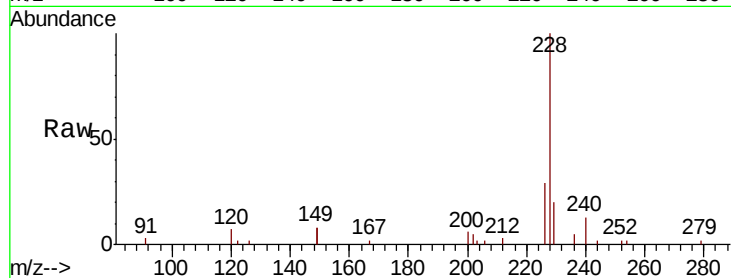
Tot Ion:228 Resp: 7183

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.4

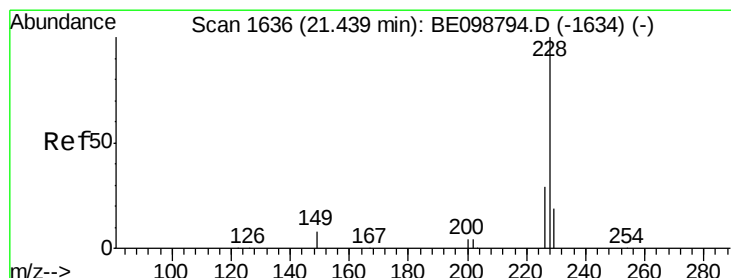
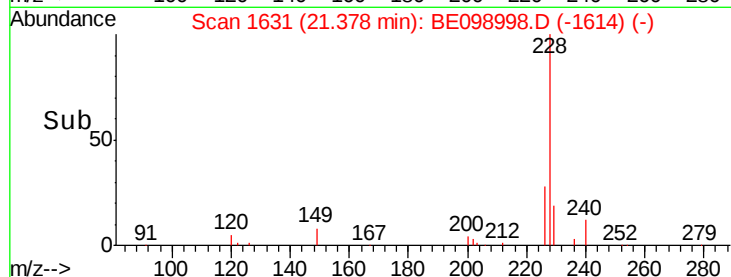
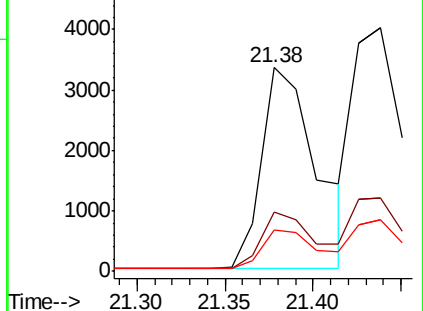
229 20.2 16.5 24.7



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: 0.384 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

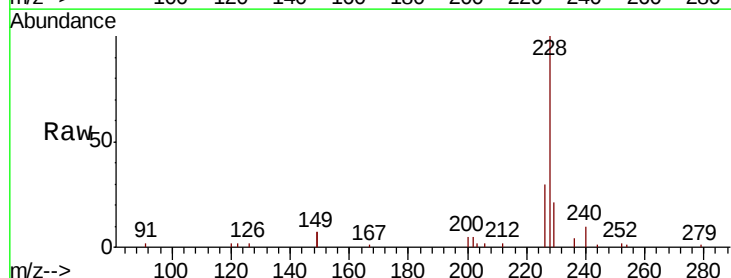
Tgt Ion:228 Resp: 8281

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

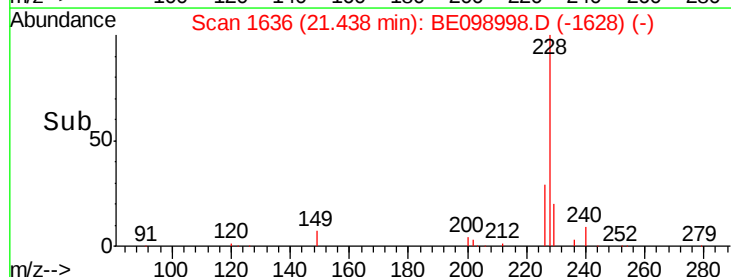
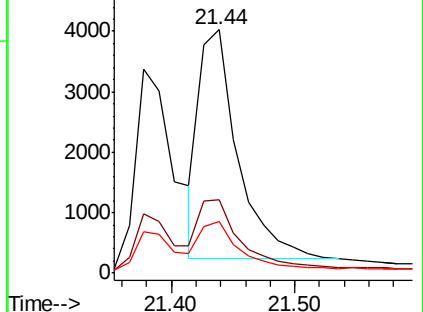
229 21.4 16.1 24.1

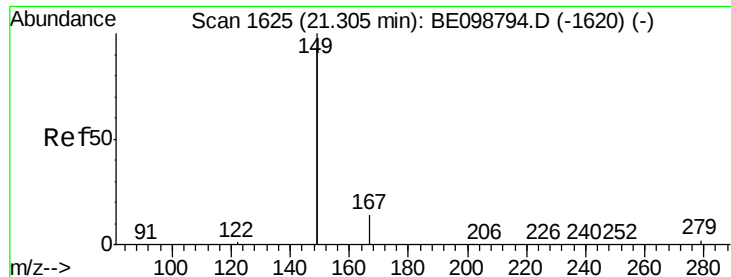


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.286 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Instrument :

BNA_E

ClientSampleId :

PB117986BS

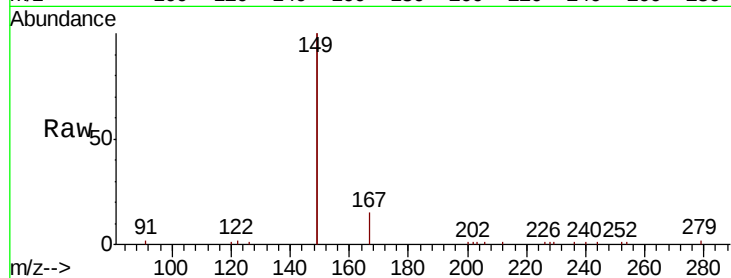
Tot Ion:149 Resp: 12247

Ion Ratio Lower Upper

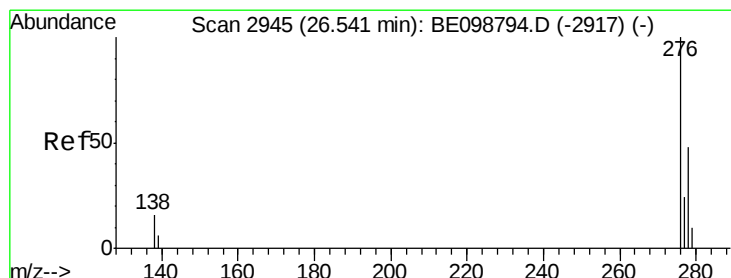
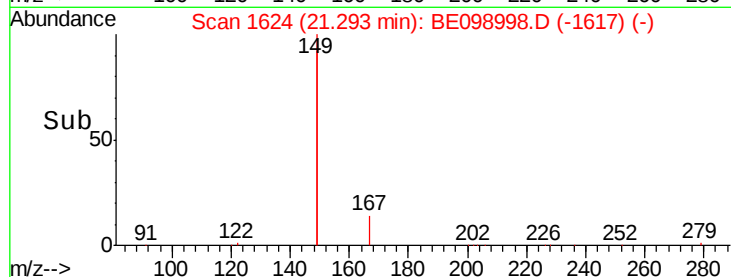
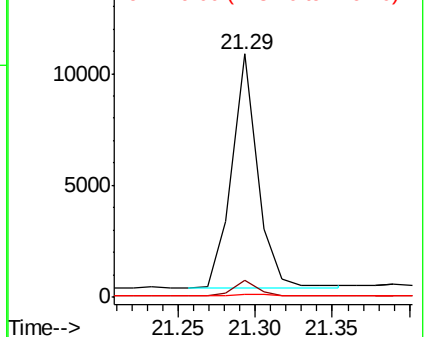
149 100

167 6.5 5.4 8.0

279 1.2 1.0 1.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.308 ng

RT: 26.54 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

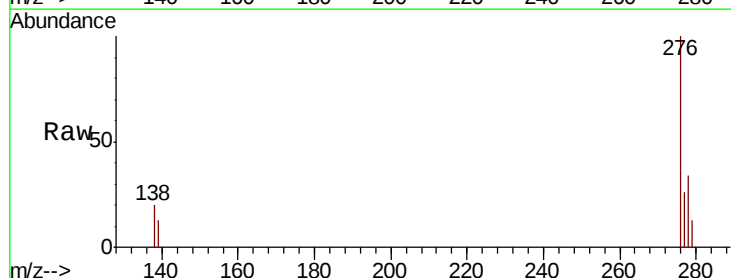
Tgt Ion:276 Resp: 7010

Ion Ratio Lower Upper

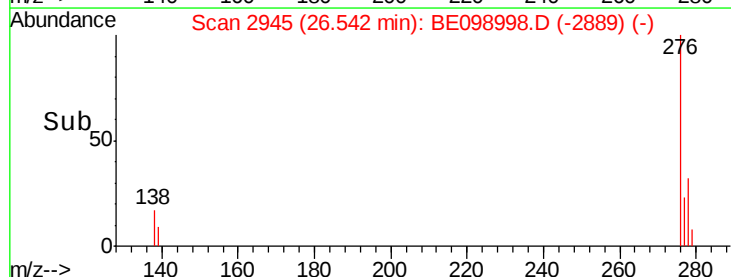
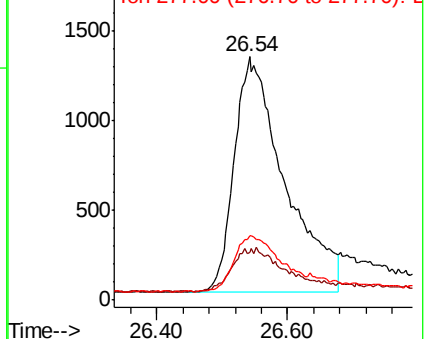
276 100

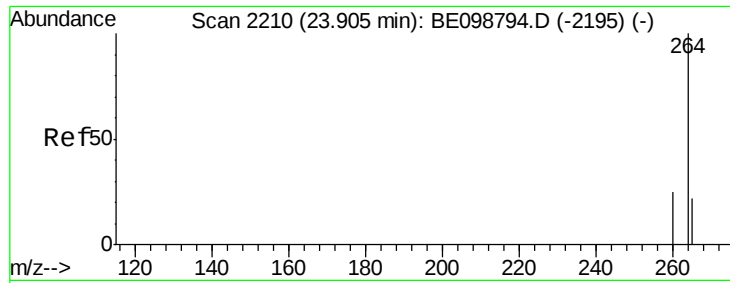
138 6.7 13.8 20.8#

277 22.0 19.5 29.3



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



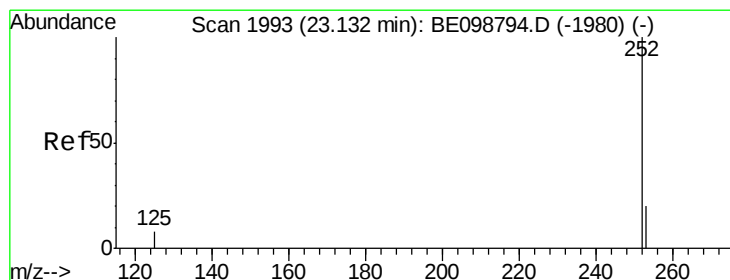
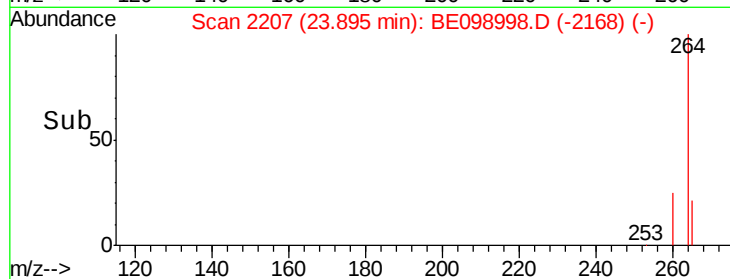
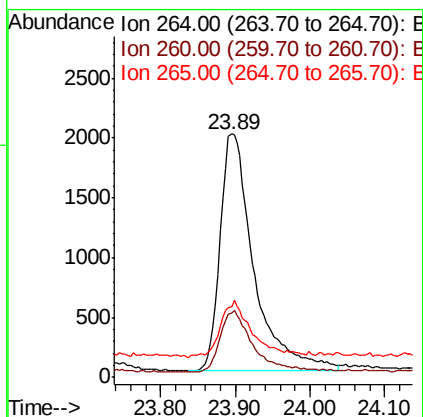
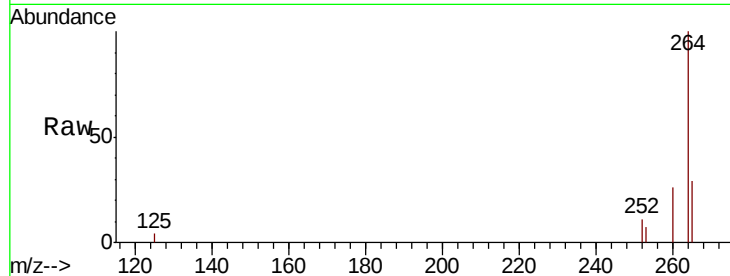


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098998.D
Acq: 18 Mar 2019 13:25

Instrument :
BNA_E
ClientSampleId :
PB117986BS

Tot Ion:264 Resp: 6214

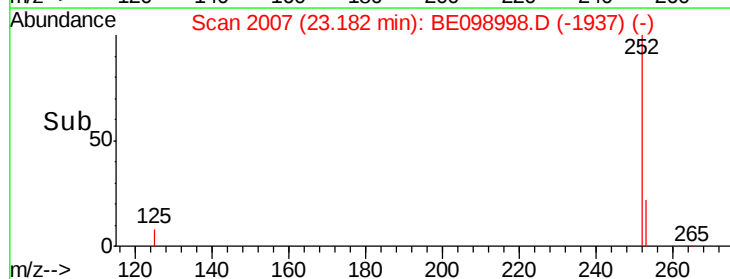
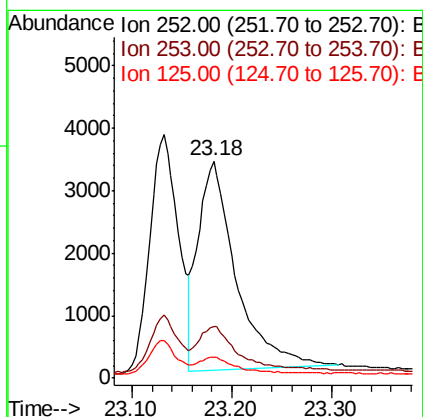
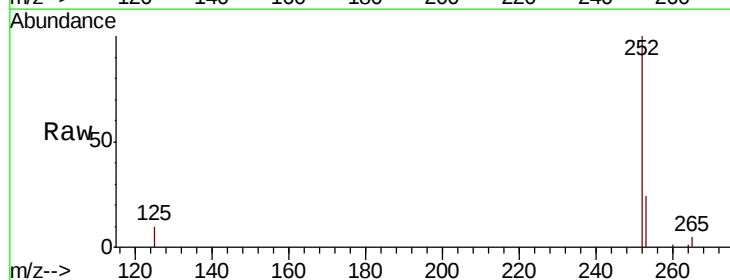
Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.2	31.8
265	29.1	24.6	36.8

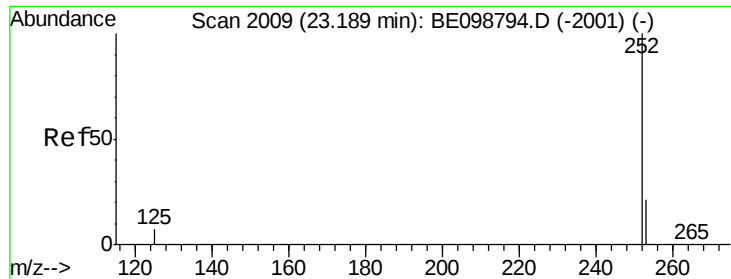


#35
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.05 min
Lab File: BE098998.D
Acq: 18 Mar 2019 13:25

Tgt Ion:252 Resp: 8887

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	9.8	7.3	10.9





#36

Benzo(k)fluoranthene

Concen: 0.443 ng

RT: 23.18 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Instrument :

BNA_E

ClientSampleId :

PB117986BS

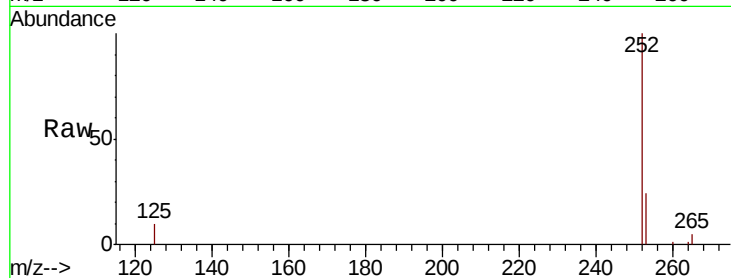
Tot Ion:252 Resp: 9487

Ion Ratio Lower Upper

252 100

253 24.0 19.3 28.9

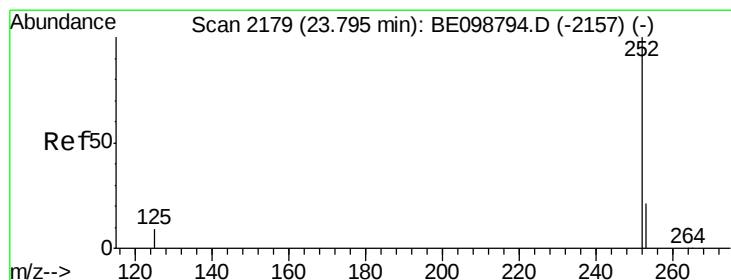
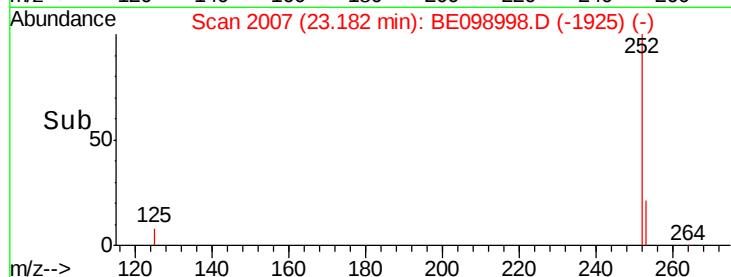
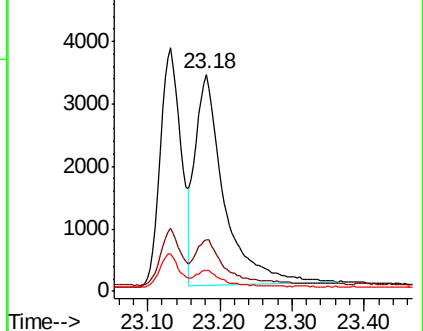
125 9.8 7.5 11.3



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: 0.402 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

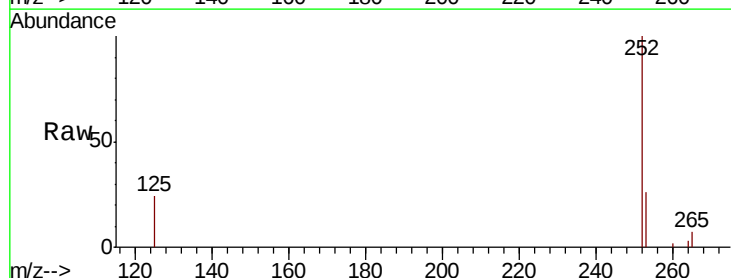
Tgt Ion:252 Resp: 7872

Ion Ratio Lower Upper

252 100

253 26.4 19.9 29.9

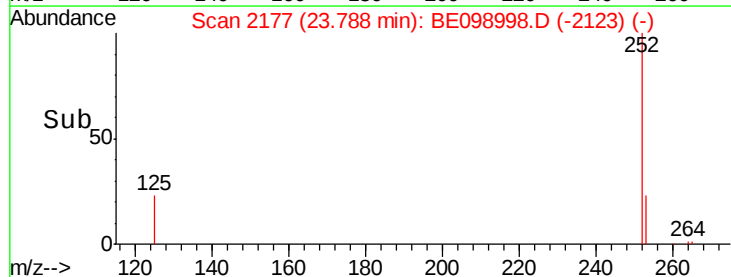
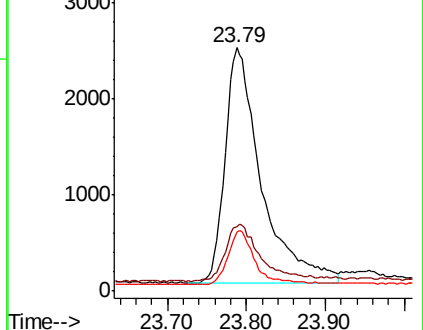
125 24.4 9.0 13.4#

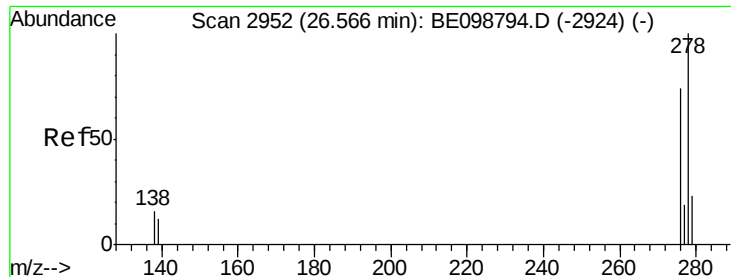


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.276 ng

RT: 26.57 min Scan# 2954

Delta R.T. 0.01 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

Instrument :

BNA_E

ClientSampleId :

PB117986BS

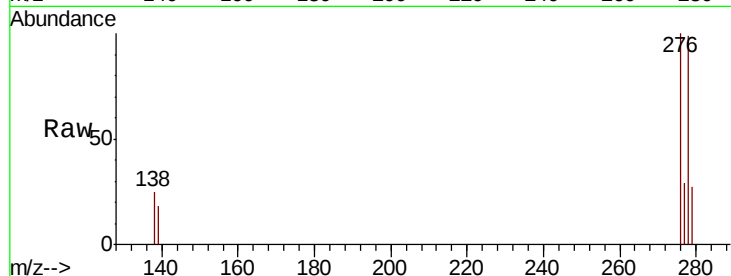
Tot Ion:278 Resp: 5108

Ion Ratio Lower Upper

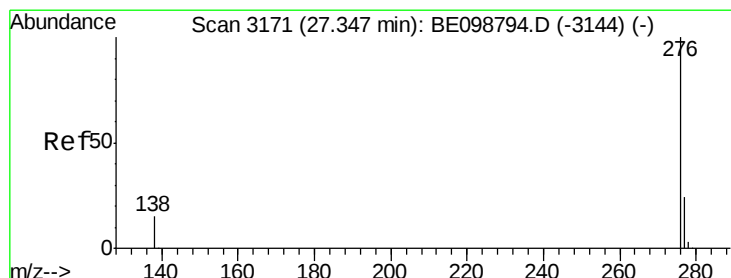
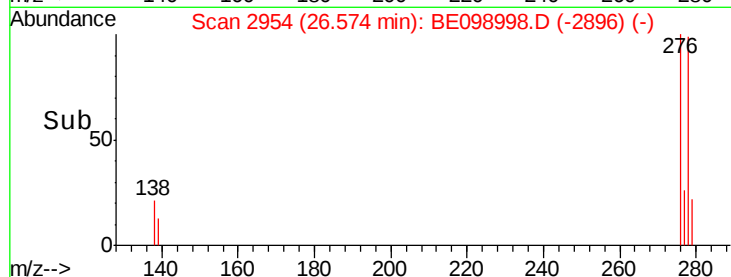
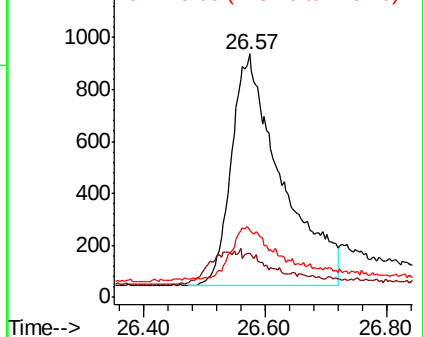
278 100

139 17.8 11.8 17.6#

279 27.7 21.1 31.7



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(g,h,i)perylene

Concen: 0.323 ng

RT: 27.34 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BE098998.D

Acq: 18 Mar 2019 13:25

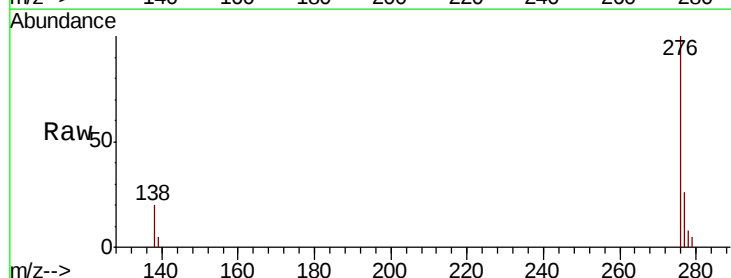
Tgt Ion:276 Resp: 6264

Ion Ratio Lower Upper

276 100

277 26.1 20.4 30.6

138 19.8 13.6 20.4



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

