

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
 Data File : BE098797.D
 Acq On : 6 Mar 2019 13:58
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 06 14:37:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 13:20:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	934	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3399	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2178	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5597	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7754	0.40	ng	-0.01
34) Perylene-d12	23.91	264	7120	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	8551	3.43	ng	0.00
5) Phenol-d6	6.97	99	12289	3.46	ng	-0.02
8) Nitrobenzene-d5	8.94	82	13049	4.84	ng	-0.03
11) 2-Methylnaphthalene-d10	12.18	152	21220	3.79	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	4402	4.65	ng	-0.02
15) 2-Fluorobiphenyl	13.07	172	30470	3.42	ng	-0.01
25) Fluoranthene-d10	19.24	212	295699	4.27	ng	0.00
29) Terphenyl-d14	19.84	244	62154	3.62	ng	0.00

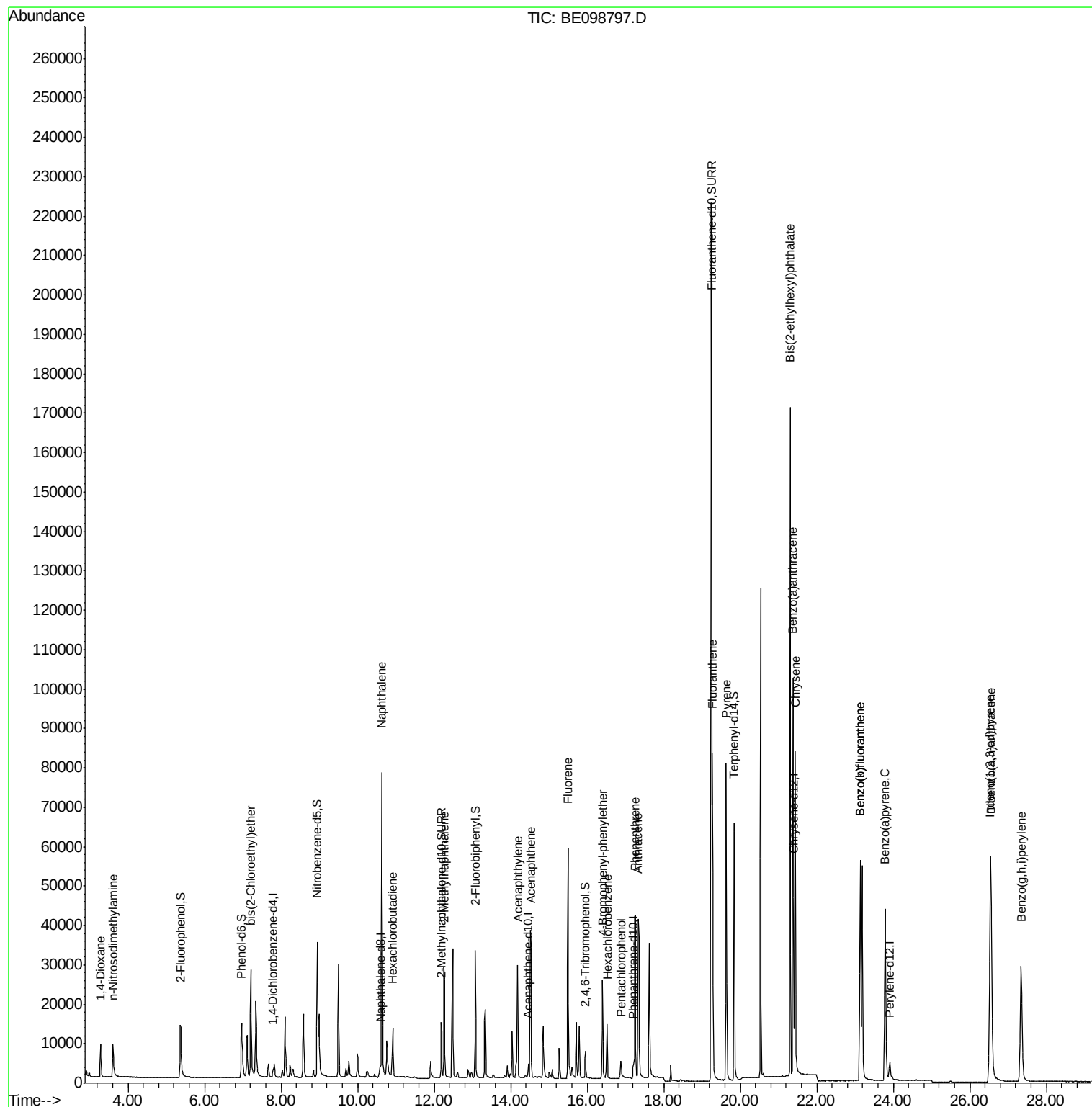
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	4664	2.532	ng	98
3) n-Nitrosodimethylamine	3.60	42	7686	5.690	ng	# 97
6) bis(2-Chloroethyl)ether	7.21	93	9664	3.603	ng	# 80
9) Naphthalene	10.63	128	128521	3.797	ng	98
10) Hexachlorobutadiene	10.91	225	8149	3.364	ng	98
12) 2-Methylnaphthalene	12.25	142	22448	4.000	ng	99
16) Acenaphthylene	14.18	152	39759	4.215	ng	97
17) Acenaphthene	14.53	154	22215	3.754	ng	98
18) Fluorene	15.50	166	31714	4.120	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	11035	3.722	ng	87
21) Hexachlorobenzene	16.52	284	11904	3.327	ng	98
22) Pentachlorophenol	16.88	266	3700	3.531	ng	# 77
23) Phenanthrene	17.25	178	53579	4.040	ng	99
24) Anthracene	17.33	178	50520	4.448	ng	99
26) Fluoranthene	19.27	202	74589	4.371	ng	99
28) Pyrene	19.63	202	76222	3.570	ng	99
30) Benzo(a)anthracene	21.38	228	81752	3.923	ng	99
31) Chrysene	21.44	228	84686	3.920	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	170159	3.848	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	90614	4.066	ng	99
35) Benzo(b)fluoranthene	23.13	252	79530	4.095	ng	98
36) Benzo(k)fluoranthene	23.13	252	79530	3.747	ng	96
37) Benzo(a)pyrene	23.79	252	75694	3.967	ng	# 94
38) Dibenzo(a,h)anthracene	26.55	278	73633	4.358	ng	95
39) Benzo(g,h,i)perylene	27.34	276	74210	4.008	ng	96

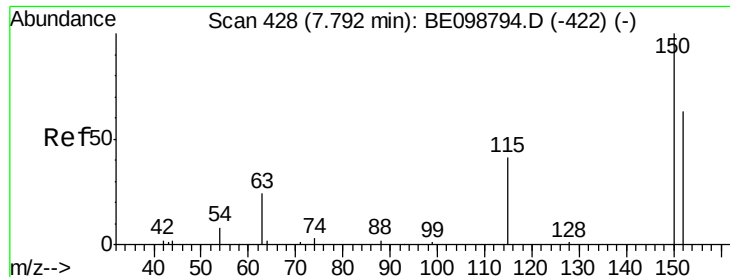
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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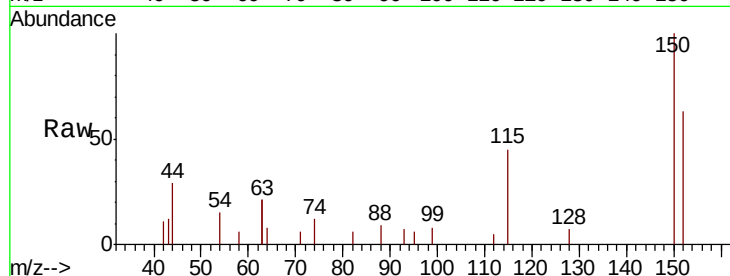


#1

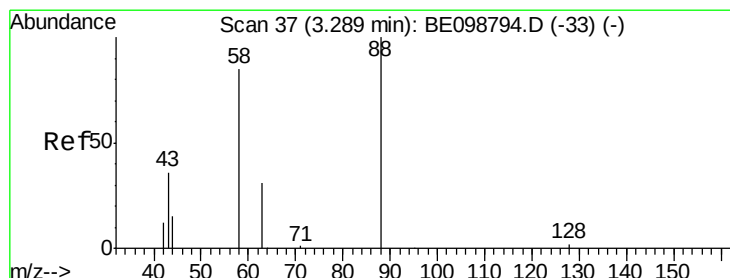
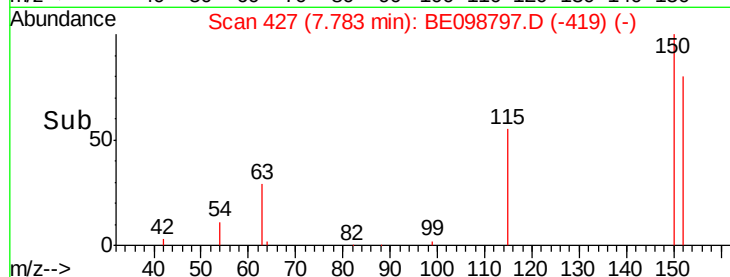
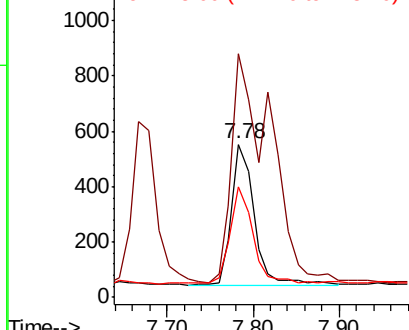
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 934
Ion Ratio Lower Upper
152 100
150 158.7 122.5 183.7
115 71.8 57.4 86.2



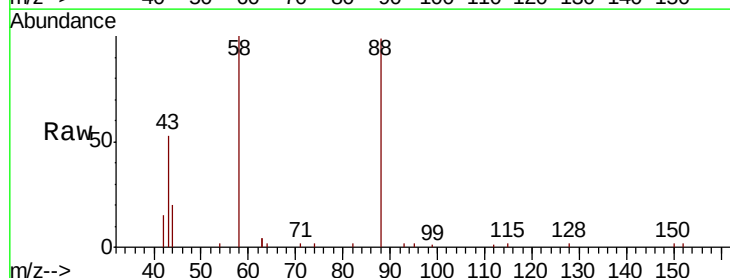
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



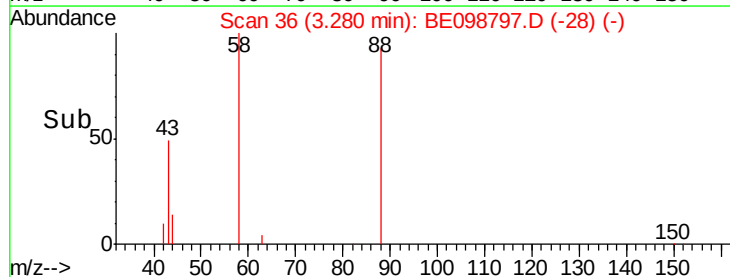
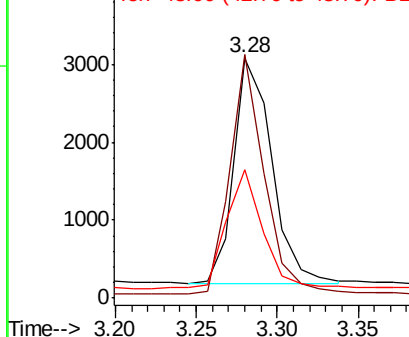
#2

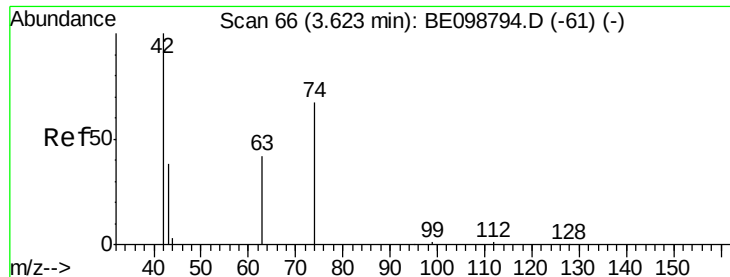
1,4-Dioxane
Concen: 2.532 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion: 88 Resp: 4664
Ion Ratio Lower Upper
88 100
58 96.4 75.8 113.6
43 50.3 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



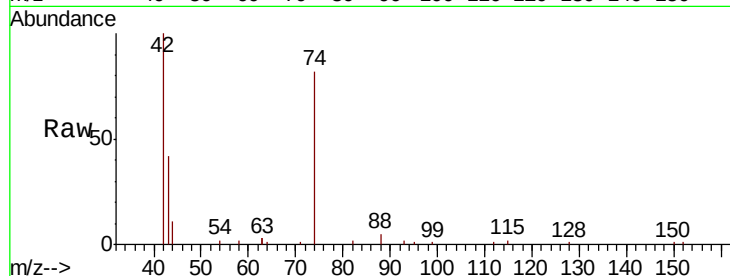


#3

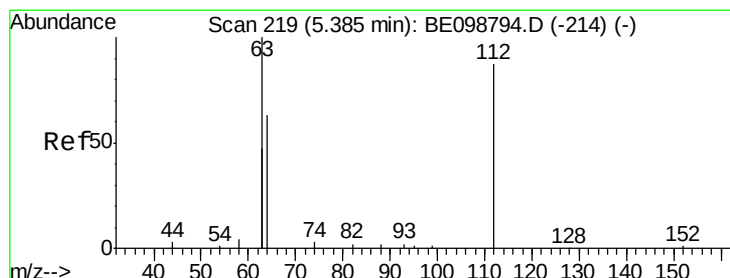
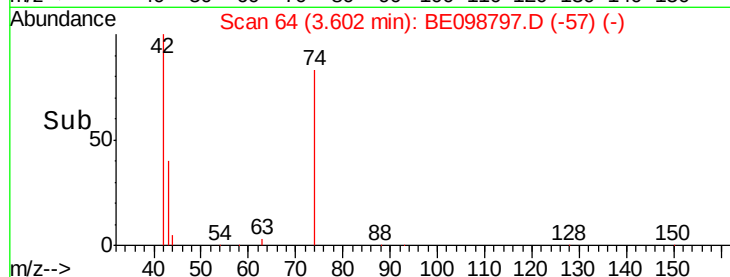
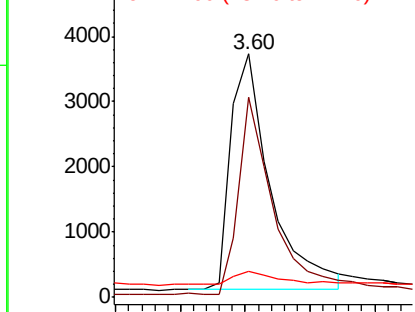
n-Nitrosodimethylamine
 Concen: 5.690 ng
 RT: 3.60 min Scan# 64
 Delta R.T. -0.02 min
 Lab File: BE098797.D
 Acq: 6 Mar 2019 13:58

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 7686
 Ion Ratio Lower Upper
 42 100
 74 73.6 57.0 85.4
 44 6.3 0.0 0.0#



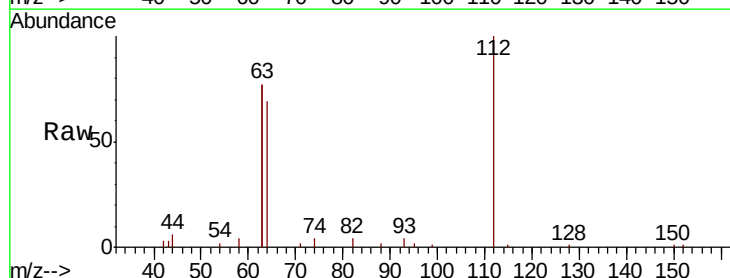
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



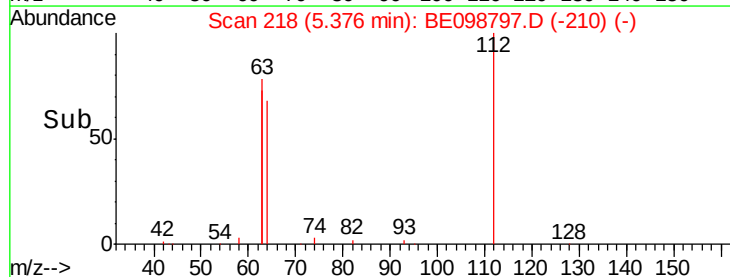
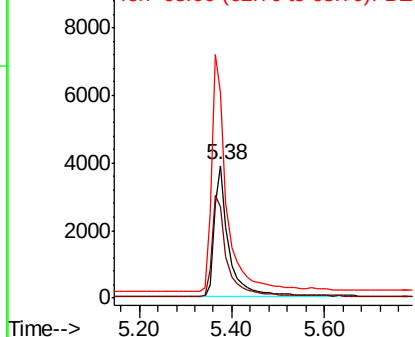
#4

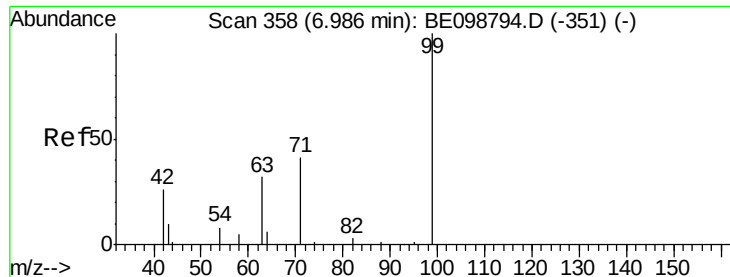
2-Fluorophenol
 Concen: 3.432 ng
 RT: 5.38 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: BE098797.D
 Acq: 6 Mar 2019 13:58

Tgt Ion: 112 Resp: 8551
 Ion Ratio Lower Upper
 112 100
 64 81.2 57.9 86.9
 63 184.9 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.464 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampleId :

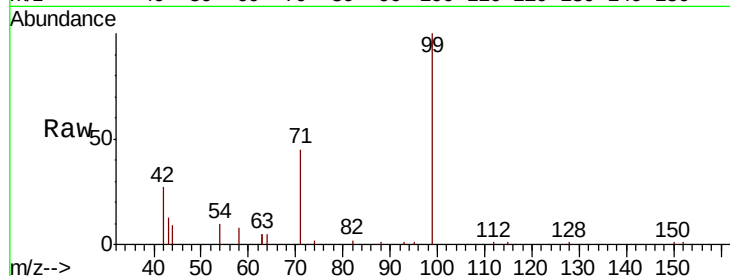
Tot Ion: 99 Resp: 12289

Ion Ratio Lower Upper

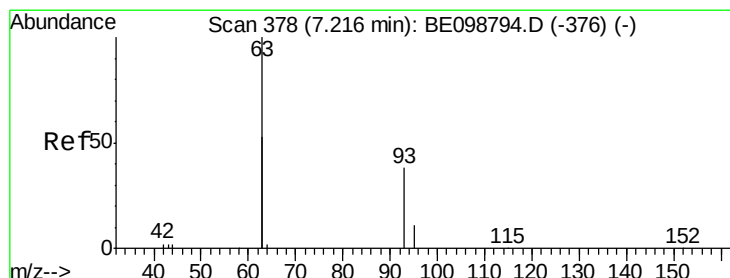
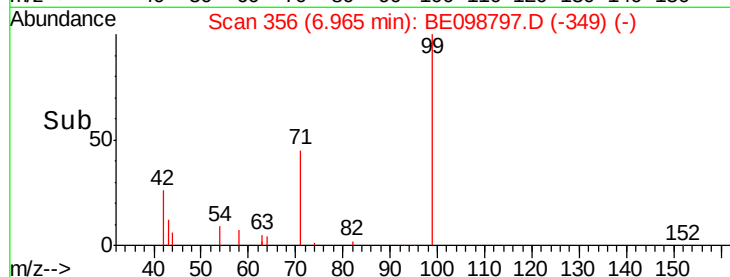
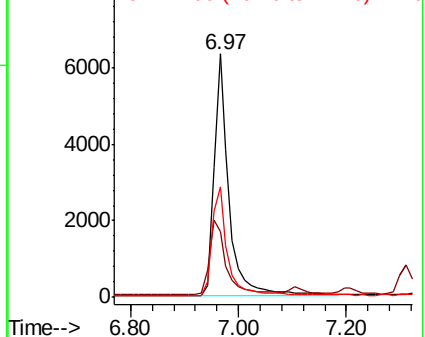
99 100

42 33.7 24.2 36.2

71 47.3 35.7 53.5



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: 3.603 ng

RT: 7.21 min Scan# 377

Delta R.T. -0.01 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

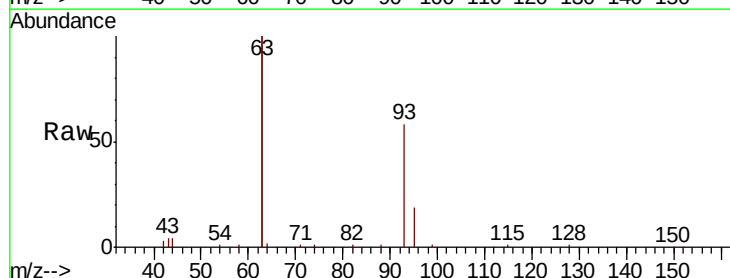
Tgt Ion: 93 Resp: 9664

Ion Ratio Lower Upper

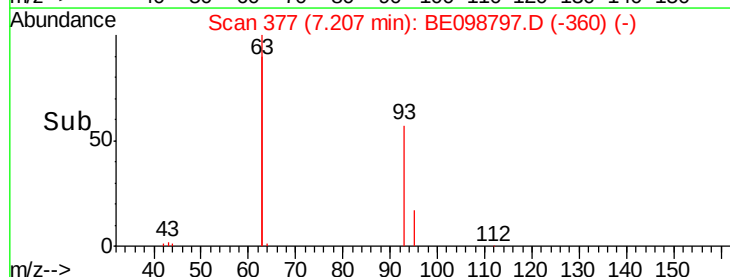
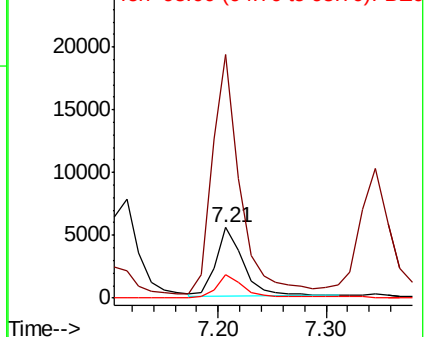
93 100

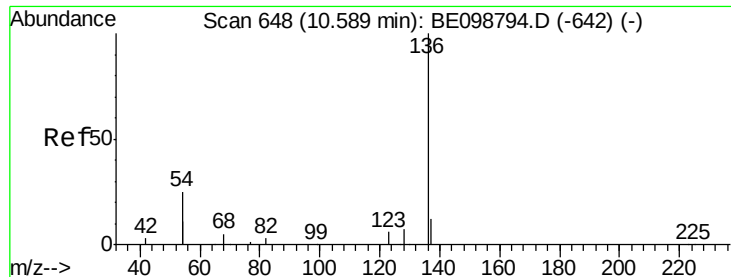
63 351.3 247.5 371.3

95 32.9 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: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3399

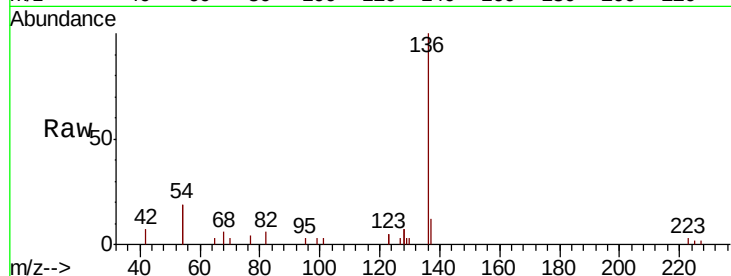
Ion Ratio Lower Upper

136 100

137 12.2 11.4 17.0

54 38.2 39.3 58.9#

68 6.0 6.7 10.1#

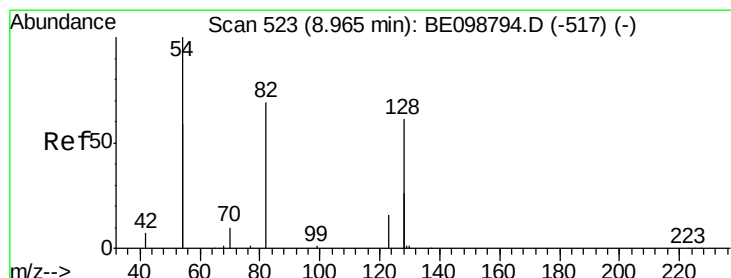
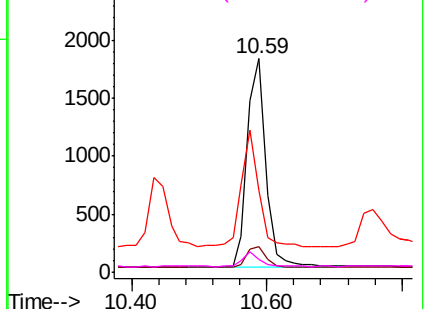
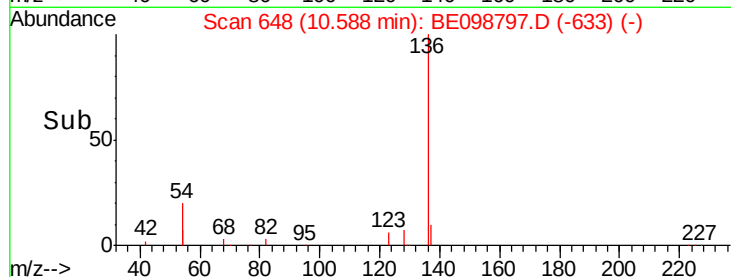


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.840 ng

RT: 8.94 min Scan# 521

Delta R.T. -0.03 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

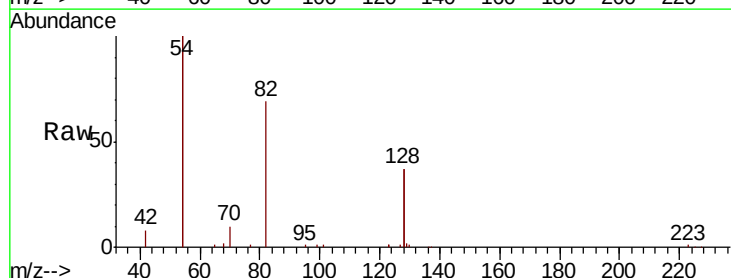
Tgt Ion: 82 Resp: 13049

Ion Ratio Lower Upper

82 100

128 105.9 123.8 185.8#

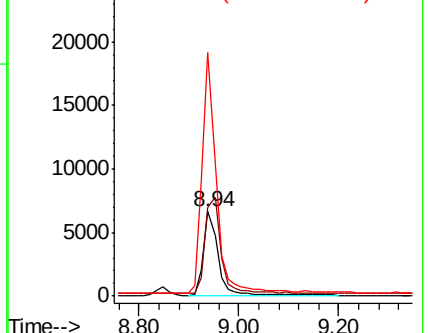
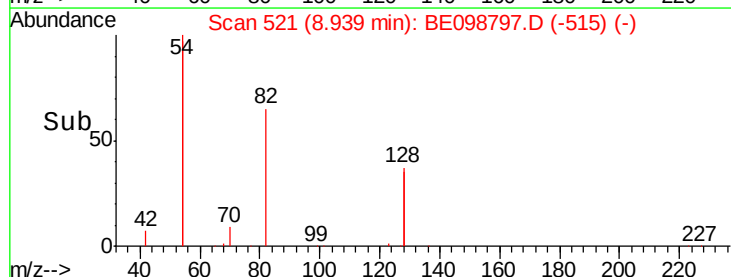
54 288.8 203.4 305.2

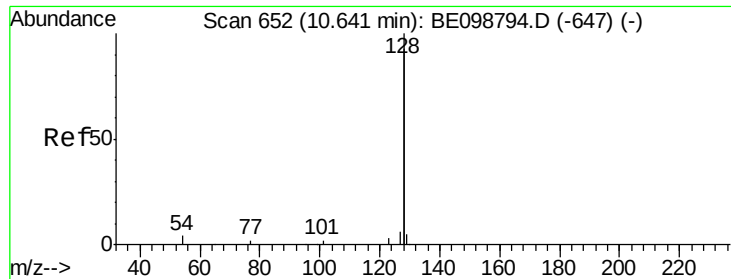


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.797 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampled :

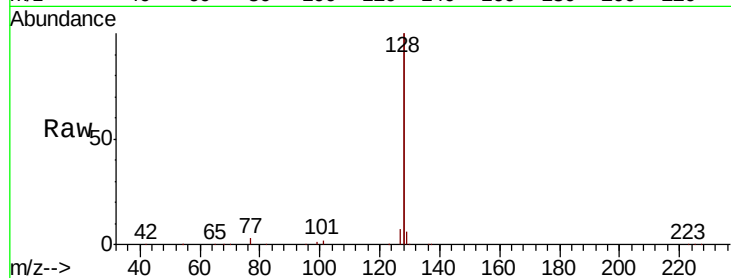
Tot Ion:128 Resp: 128521

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

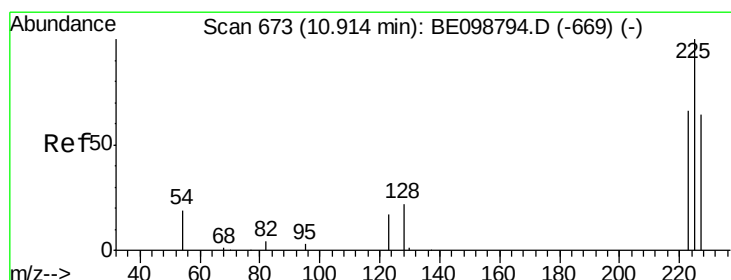
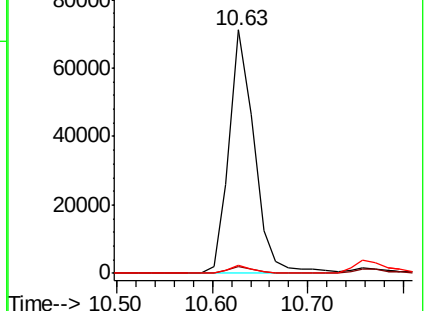
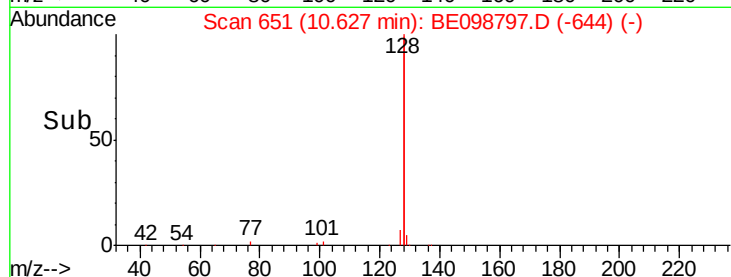
127 3.4 3.1 4.7



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: 3.364 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

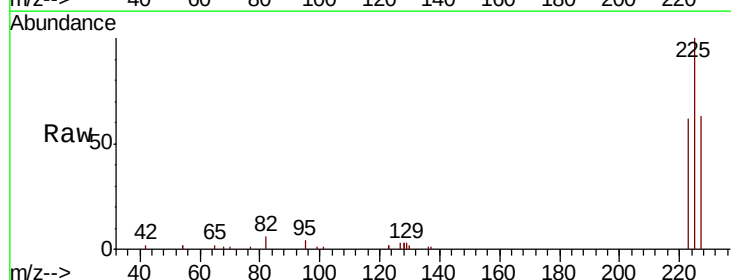
Tgt Ion:225 Resp: 8149

Ion Ratio Lower Upper

225 100

223 62.1 51.1 76.7

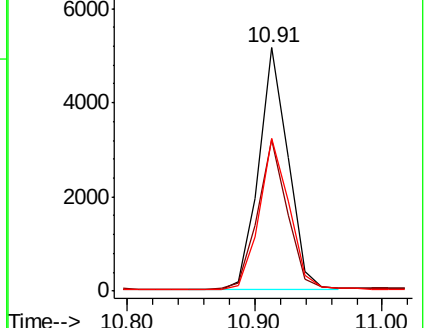
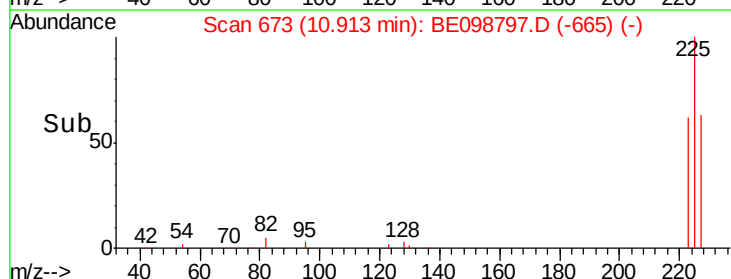
227 63.0 51.6 77.4

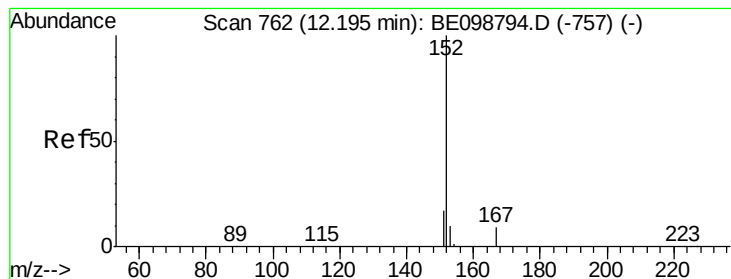


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

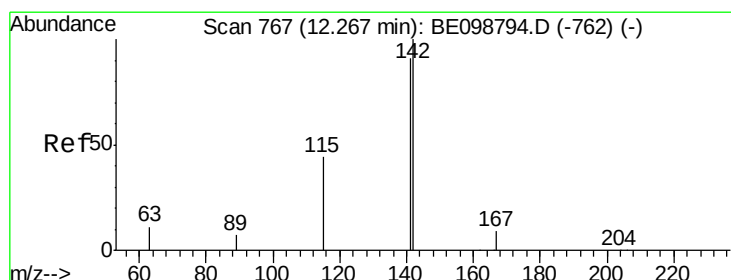
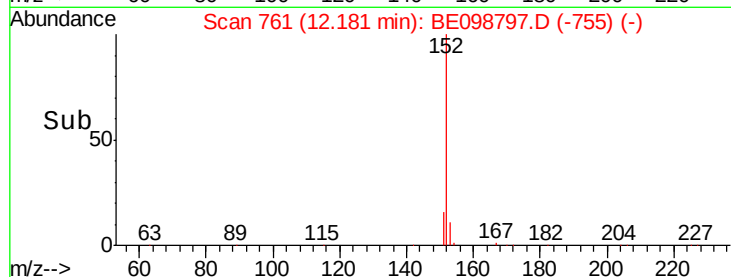
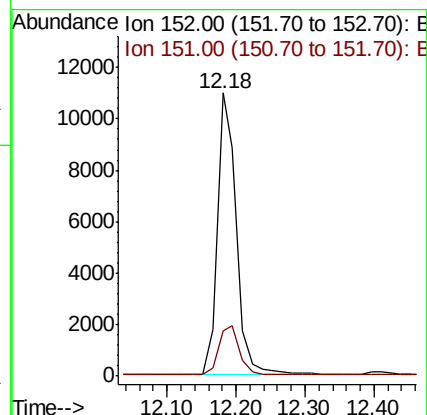
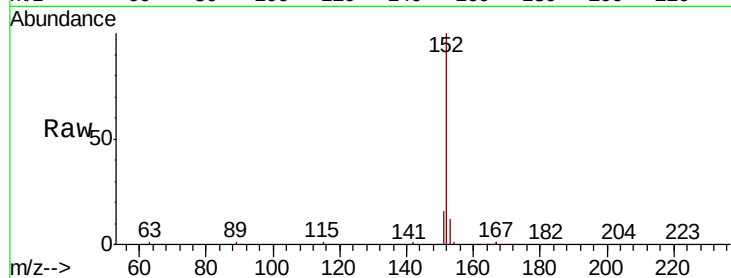




#11
 2-Methylnaphthalene-d10
 Concen: 3.794 ng
 RT: 12.18 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BE098797.D
 Acq: 6 Mar 2019 13:58

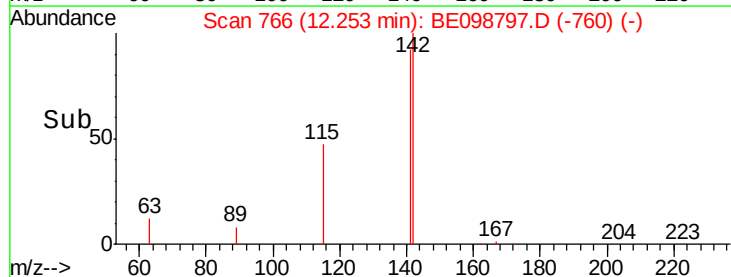
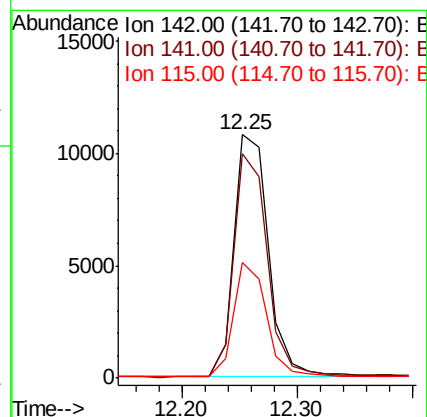
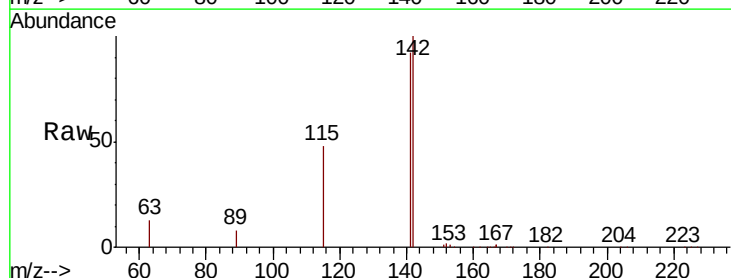
Instrument :
 BNA_E
 ClientSampleId :

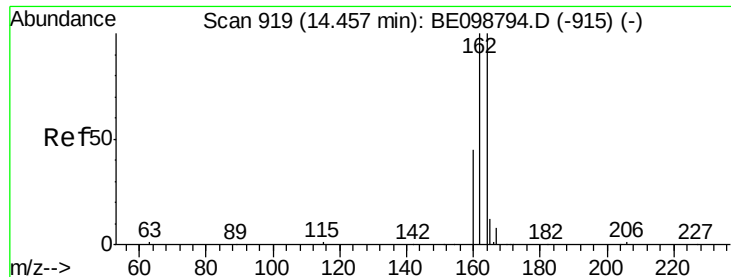
Tot Ion:152 Resp: 21220
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.5 24.7



#12
 2-Methylnaphthalene
 Concen: 4.000 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098797.D
 Acq: 6 Mar 2019 13:58

Tgt Ion:142 Resp: 22448
 Ion Ratio Lower Upper
 142 100
 141 92.2 72.6 108.8
 115 47.6 37.4 56.2

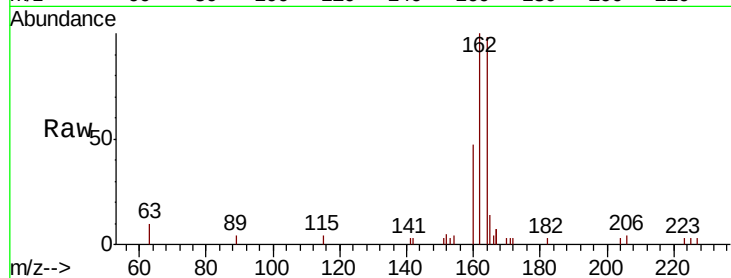




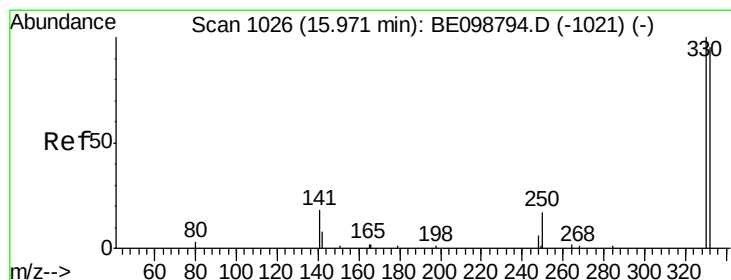
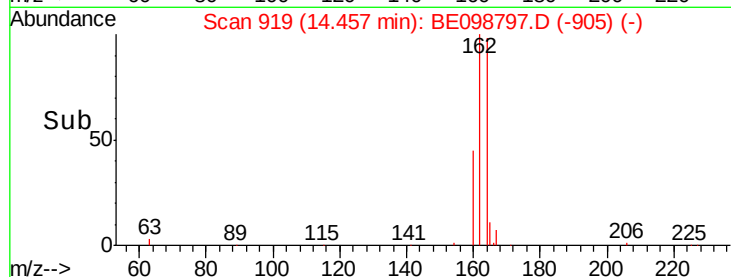
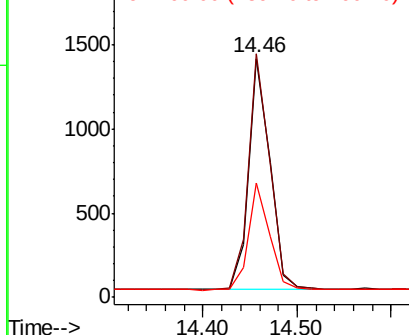
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2178
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 47.8 37.8 56.8

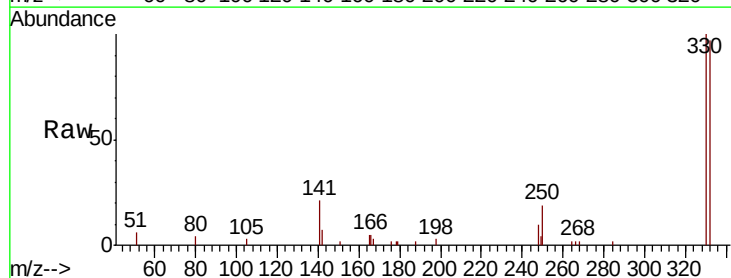


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

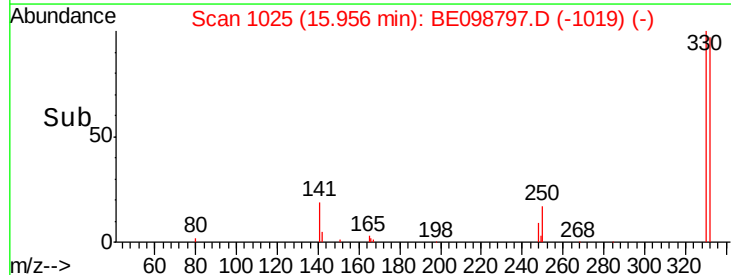
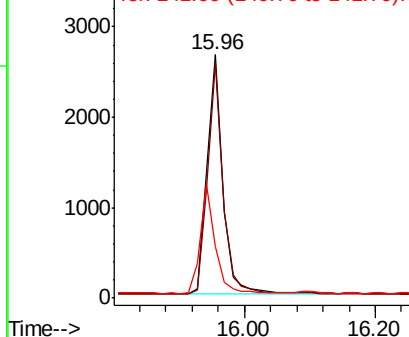


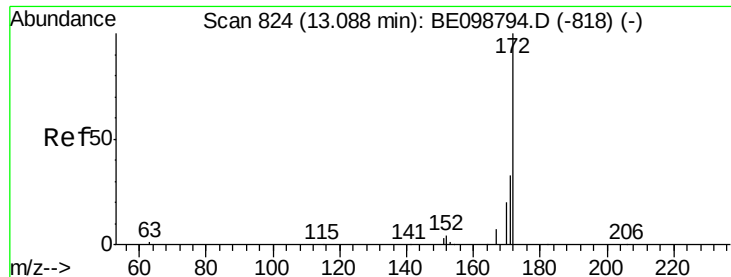
#14
2,4,6-Tribromophenol
Concen: 4.645 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:330 Resp: 4402
Ion Ratio Lower Upper
330 100
332 94.9 77.6 116.4
141 42.8 31.0 46.4



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

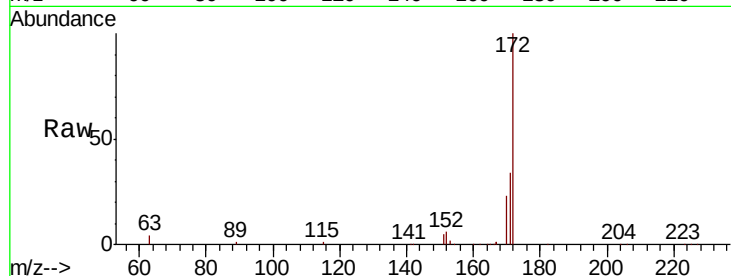




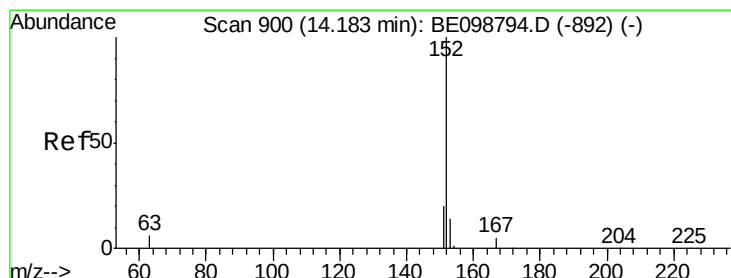
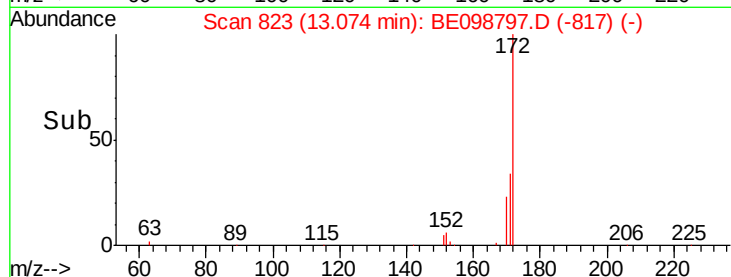
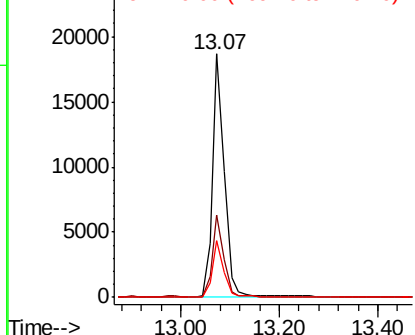
#15
2-Fluorobiphenyl
Concen: 3.416 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 30470
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 23.1 17.7 26.5

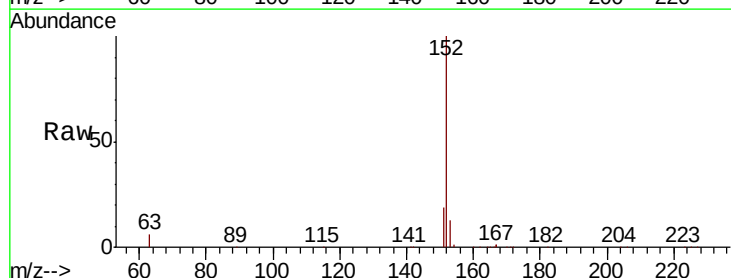


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

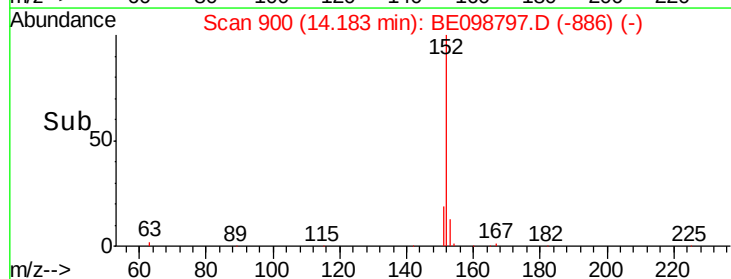
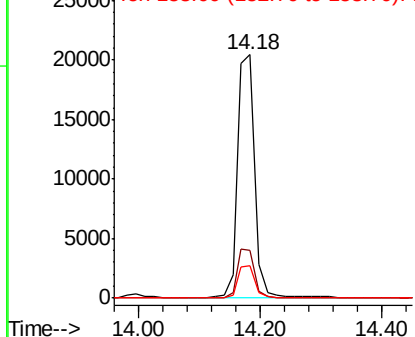


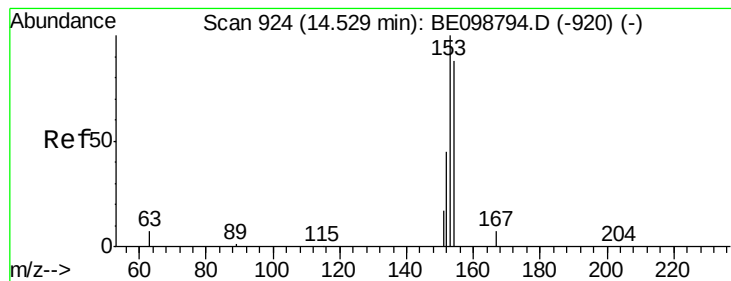
#16
Acenaphthylene
Concen: 4.215 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:152 Resp: 39759
Ion Ratio Lower Upper
152 100
151 19.9 17.0 25.6
153 12.9 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: 3.754 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampleId :

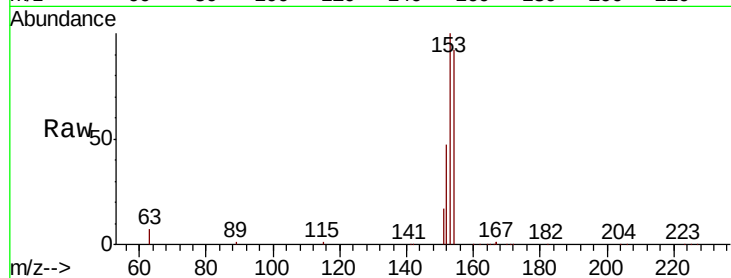
Tot Ion:154 Resp: 22215

Ion Ratio Lower Upper

154 100

153 114.4 94.2 141.4

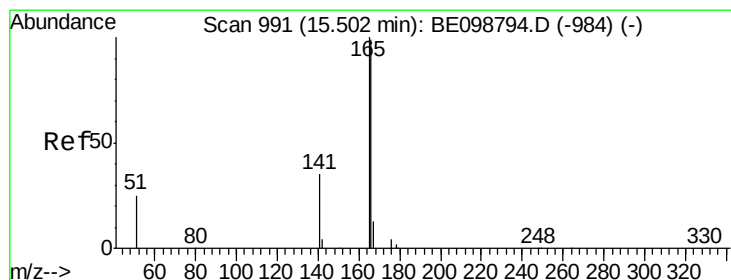
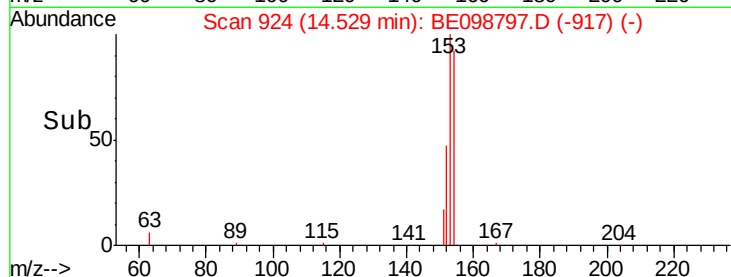
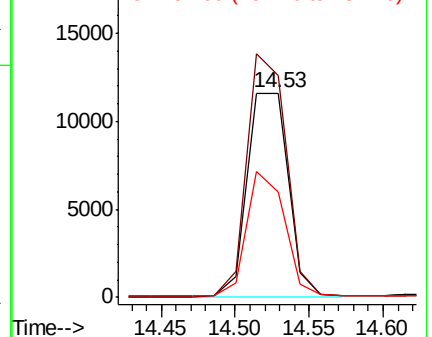
152 56.4 45.0 67.4



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: 4.120 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

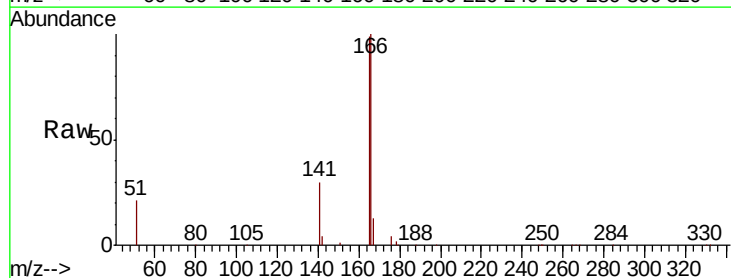
Tgt Ion:166 Resp: 31714

Ion Ratio Lower Upper

166 100

165 100.5 79.3 118.9

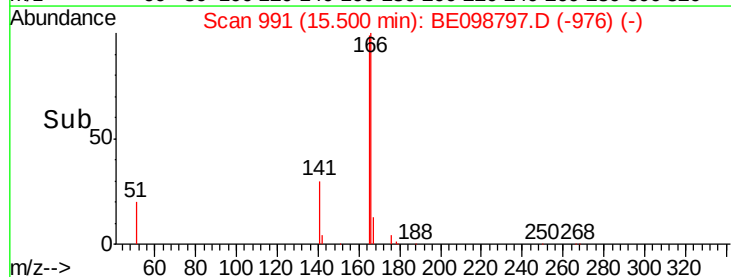
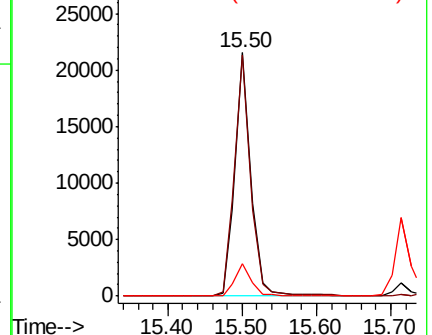
167 13.5 10.5 15.7

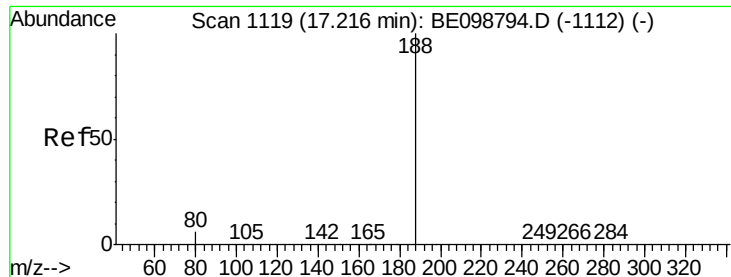


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampleId :

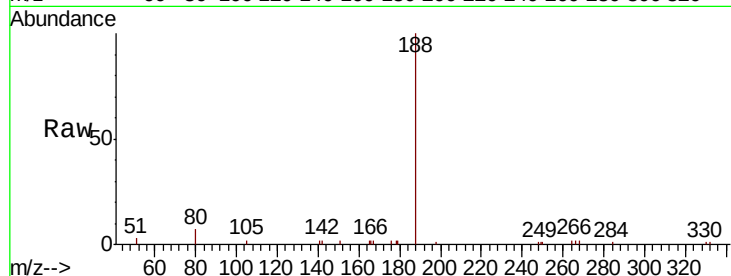
Tot Ion:188 Resp: 5597

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

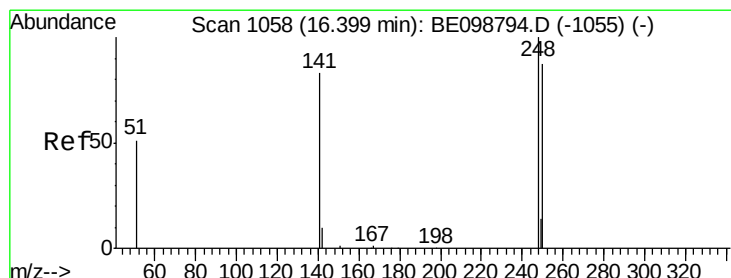
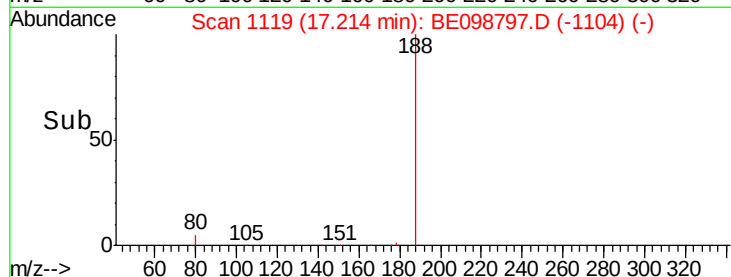
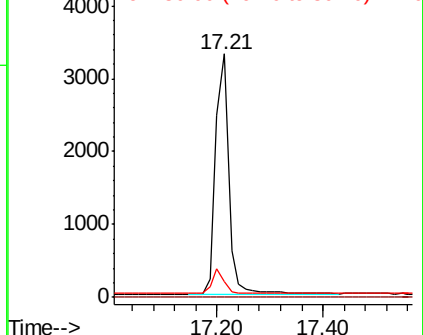
80 6.7 6.3 9.5



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: 3.722 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

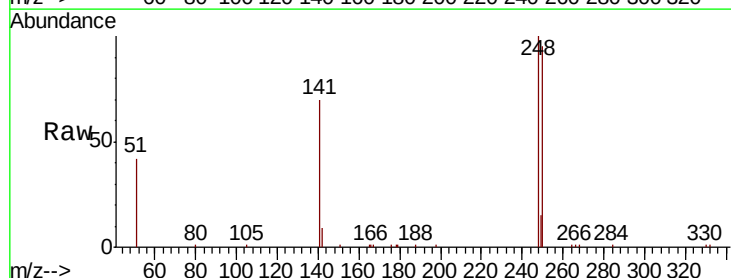
Tgt Ion:248 Resp: 11035

Ion Ratio Lower Upper

248 100

250 95.4 70.6 105.8

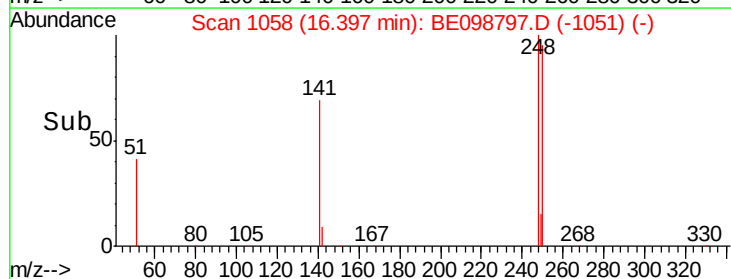
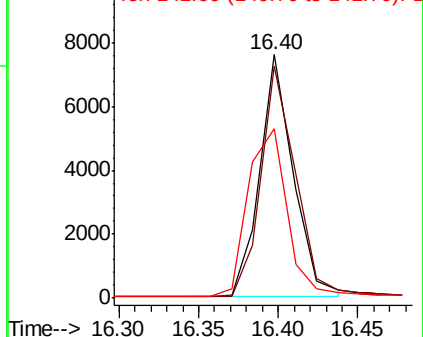
141 69.8 68.6 102.8

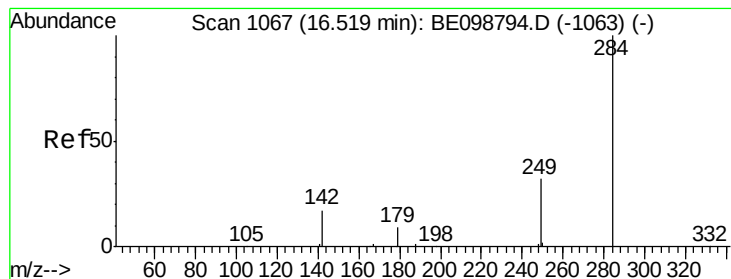


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.327 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampleId :

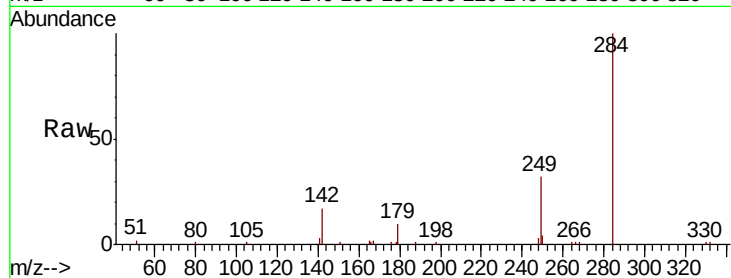
Tot Ion:284 Resp: 11904

Ion Ratio Lower Upper

284 100

142 34.8 28.7 43.1

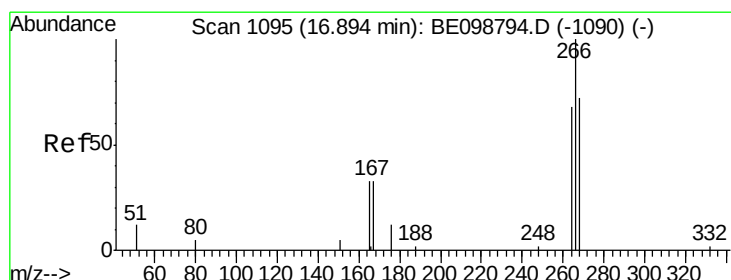
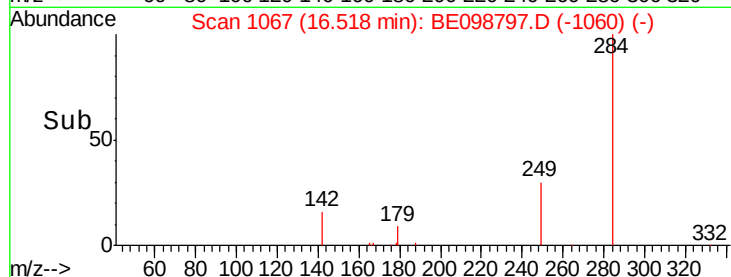
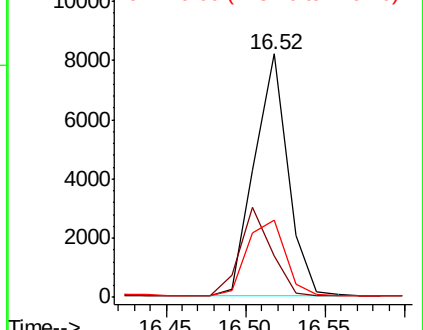
249 35.6 29.6 44.4



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



#22

Pentachlorophenol

Concen: 3.531 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.02 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

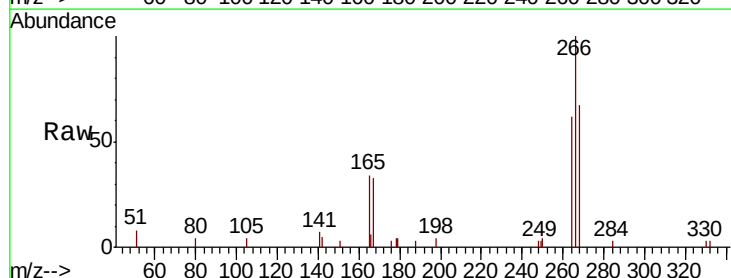
Tgt Ion:266 Resp: 3700

Ion Ratio Lower Upper

266 100

264 62.0 66.6 100.0#

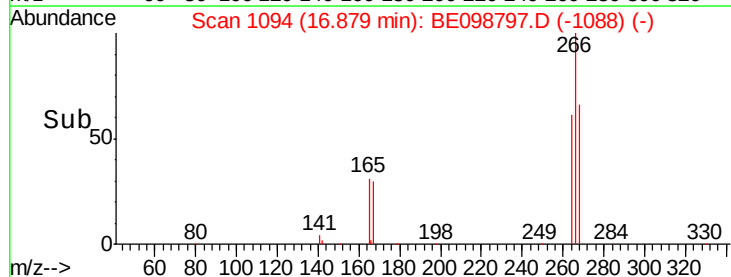
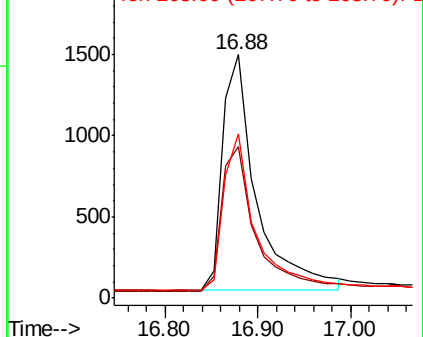
268 67.3 69.8 104.8#

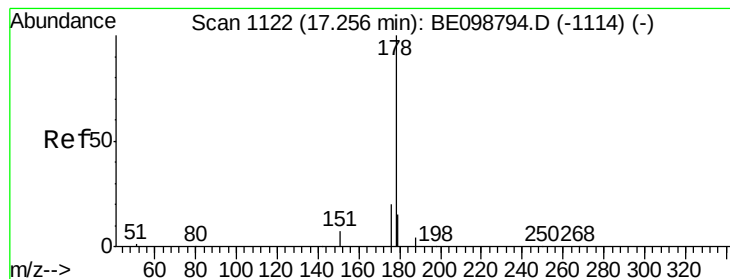


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 4.040 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampleId :

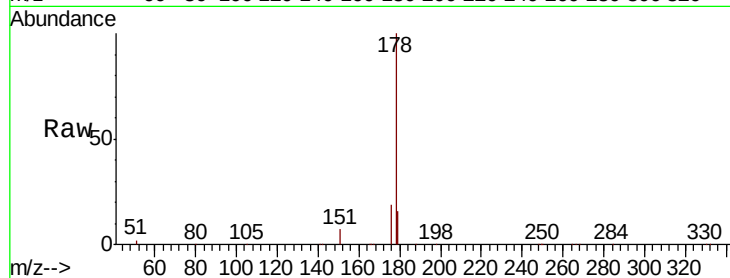
Tot Ion:178 Resp: 53579

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 15.2 12.1 18.1

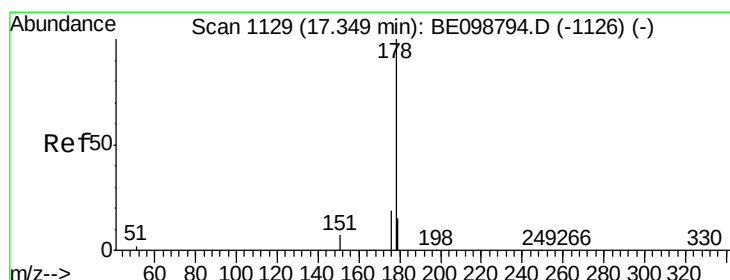
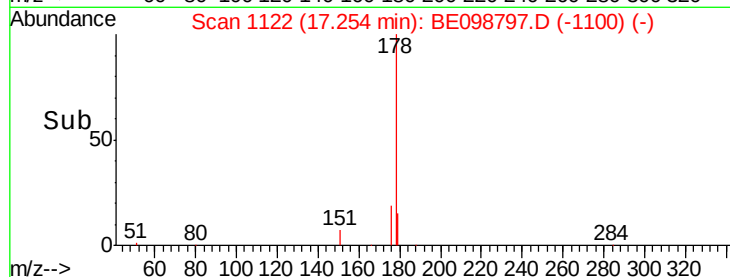
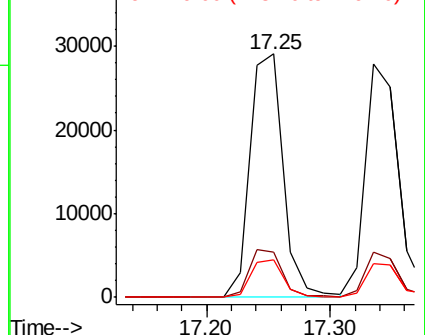


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 4.448 ng

RT: 17.33 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

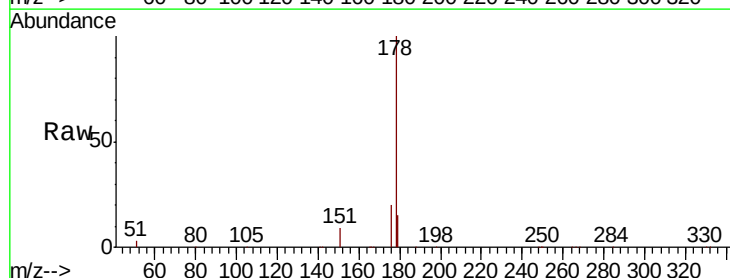
Tgt Ion:178 Resp: 50520

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.0 12.2 18.4

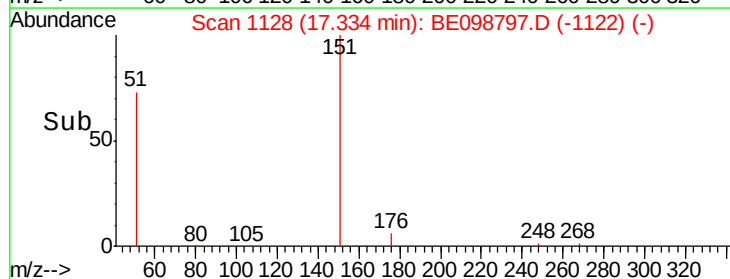
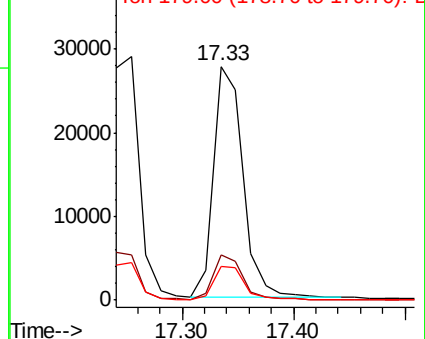


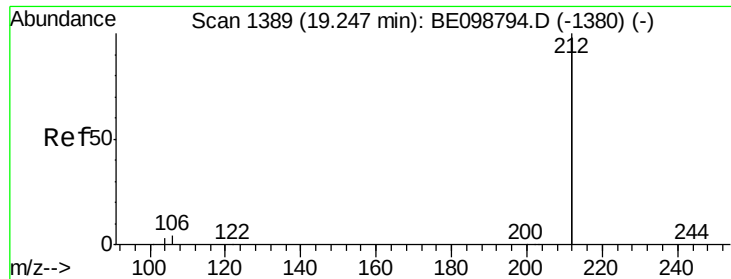
Abundance

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: 4.265 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampleId :

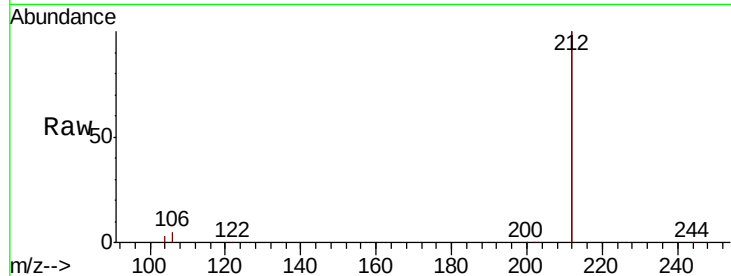
Tot Ion:212 Resp: 295699

Ion Ratio Lower Upper

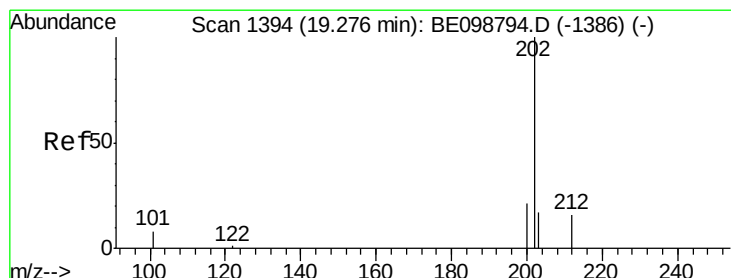
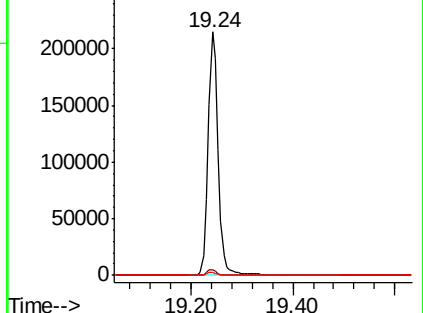
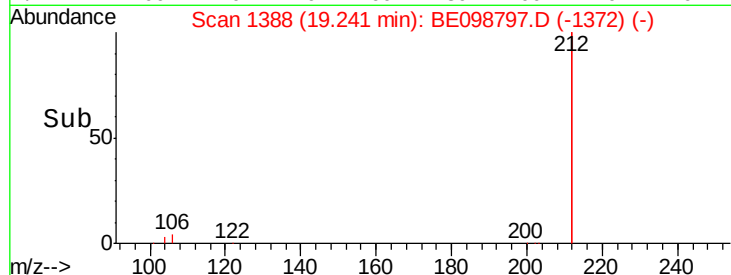
212 100

106 2.3 1.8 2.8

104 1.3 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: 4.371 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

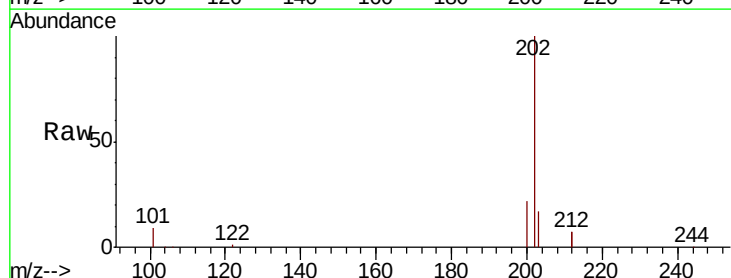
Tgt Ion:202 Resp: 74589

Ion Ratio Lower Upper

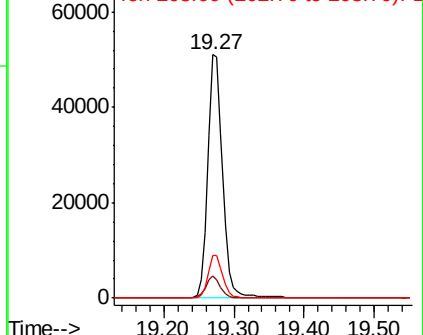
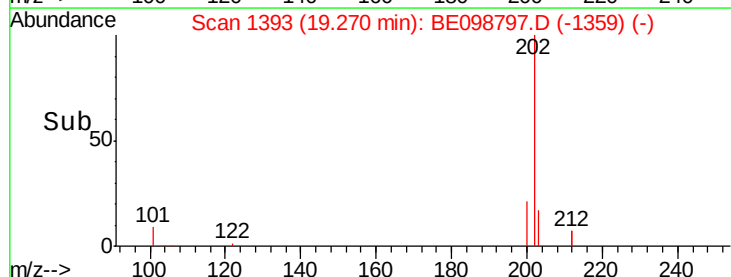
202 100

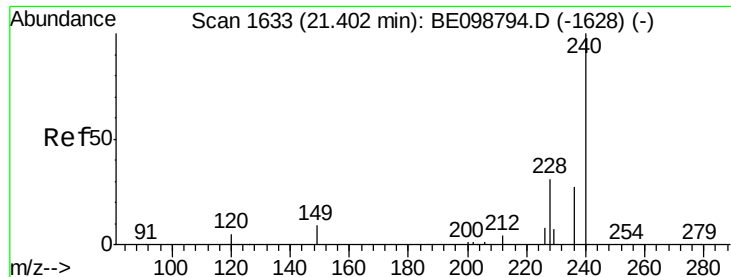
101 8.9 7.3 10.9

203 17.2 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

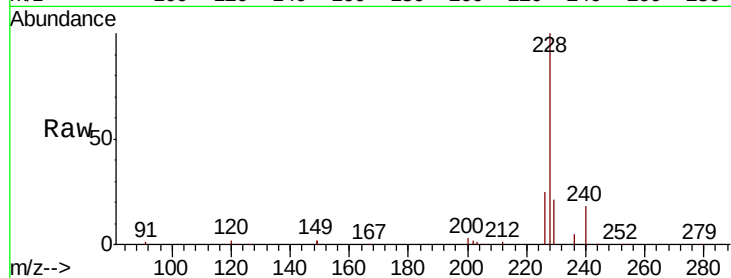




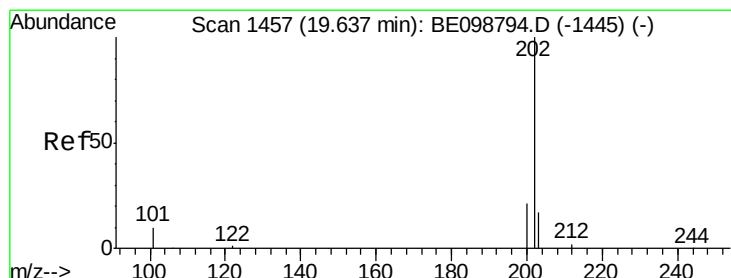
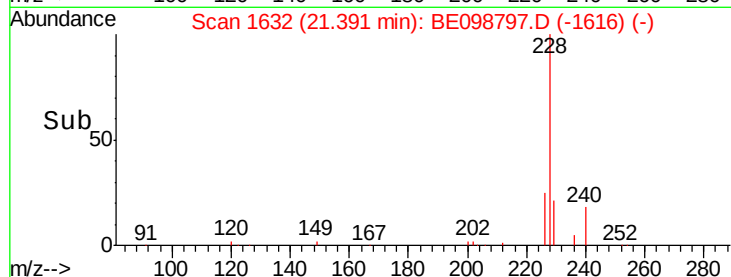
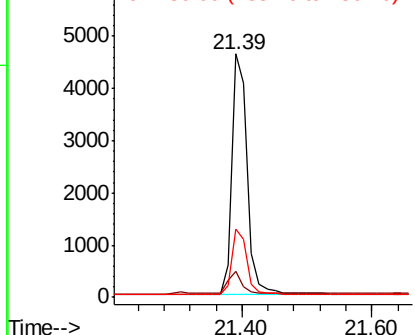
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE098797.D
 Acq: 6 Mar 2019 13:58

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:240 Resp: 7754
 Ion Ratio Lower Upper
 240 100
 120 10.5 5.0 7.4#
 236 28.3 22.7 34.1

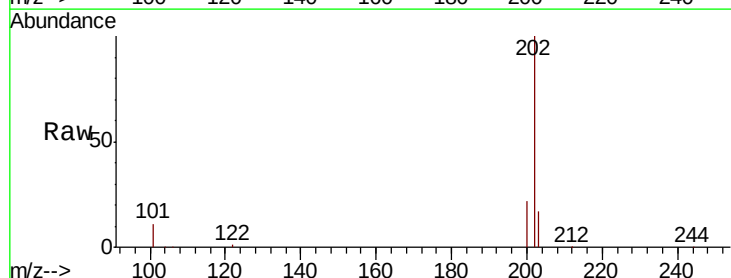


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

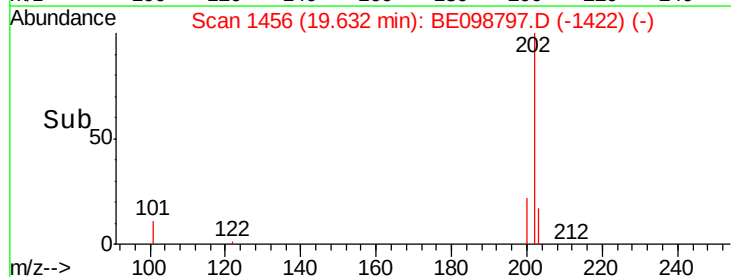
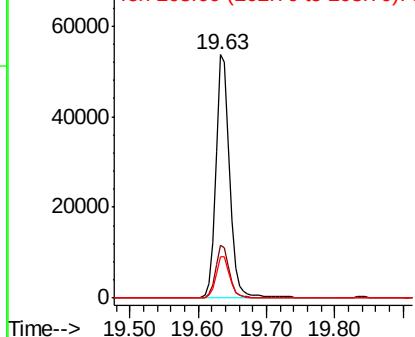


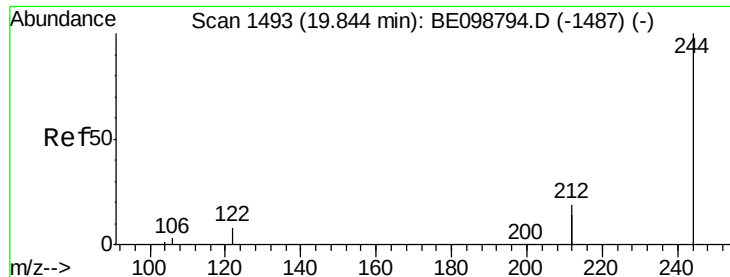
#28
 Pyrene
 Concen: 3.570 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BE098797.D
 Acq: 6 Mar 2019 13:58

Tgt Ion:202 Resp: 76222
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.0 25.6
 203 17.4 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: 3.623 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

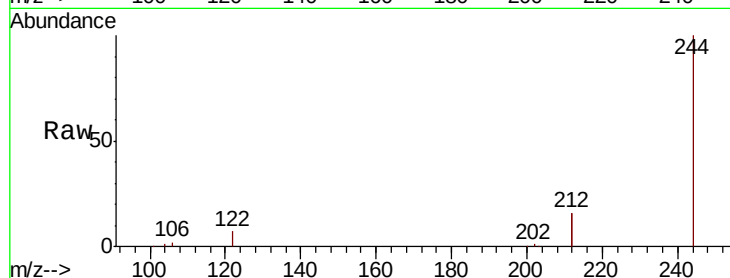
Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampleId :



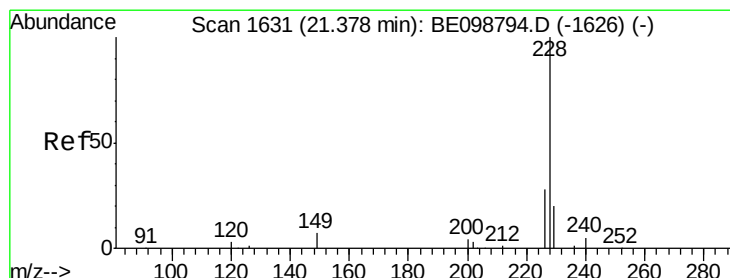
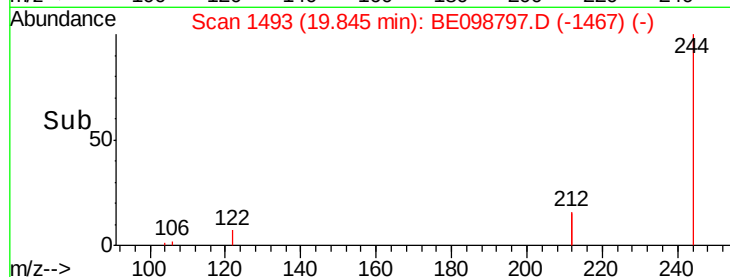
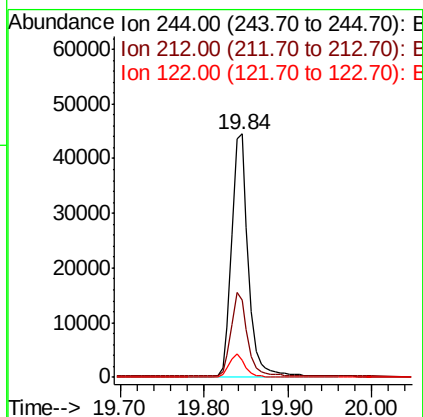
Tot Ion:244 Resp: 62154

Ion Ratio Lower Upper

244 100

212 31.9 29.4 44.2

122 7.2 7.1 10.7



#30

Benzo(a)anthracene

Concen: 3.923 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

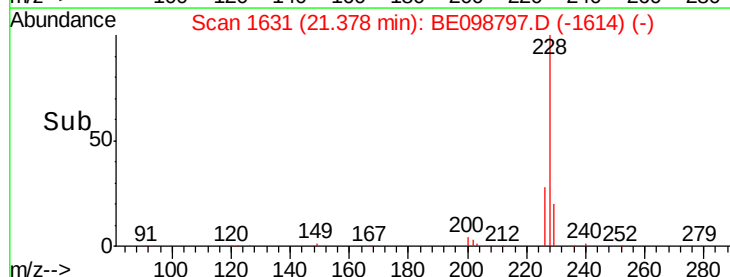
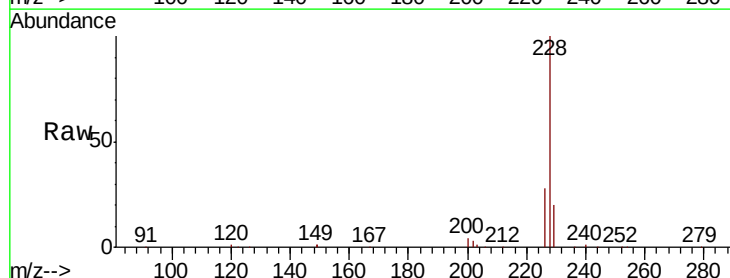
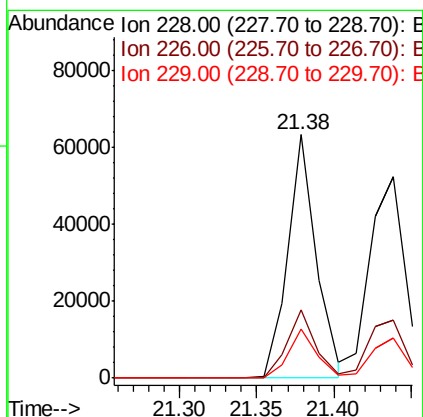
Tgt Ion:228 Resp: 81752

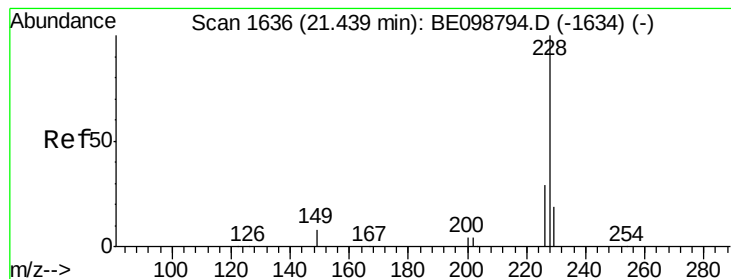
Ion Ratio Lower Upper

228 100

226 28.0 23.0 34.4

229 20.0 16.5 24.7





#31

Chrysene

Concen: 3.920 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampleId :

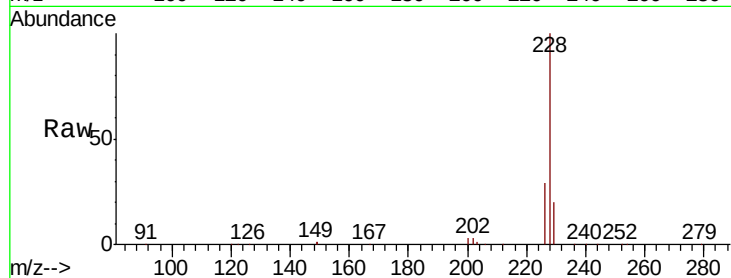
Tot Ion:228 Resp: 84686

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

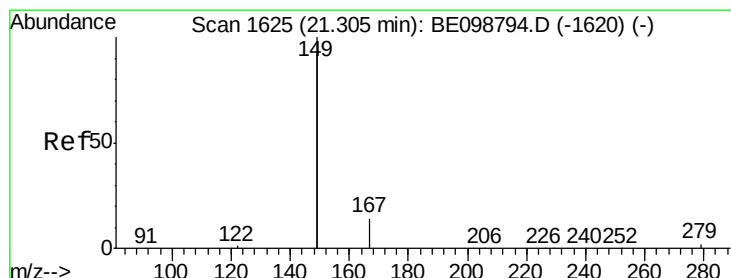
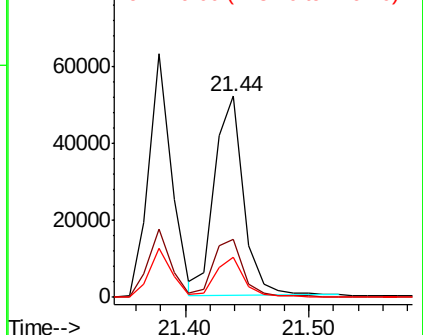
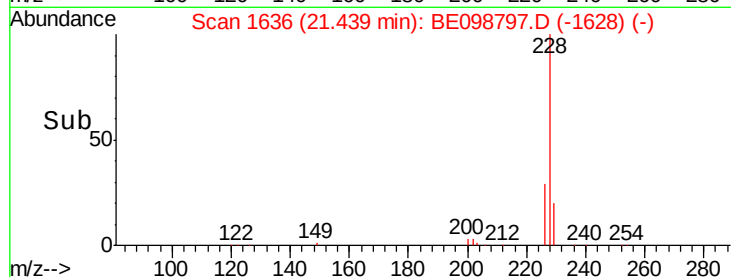
229 20.1 16.1 24.1



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: 3.848 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

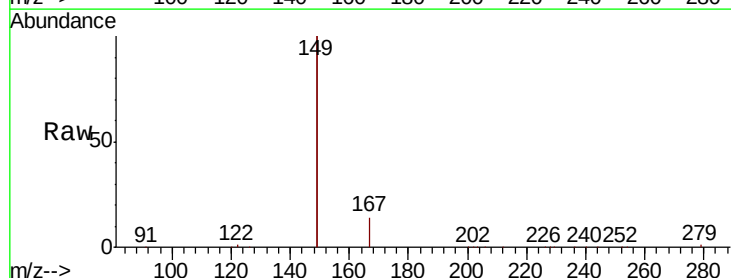
Tgt Ion:149 Resp: 170159

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

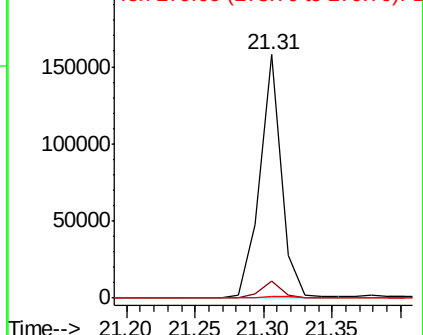
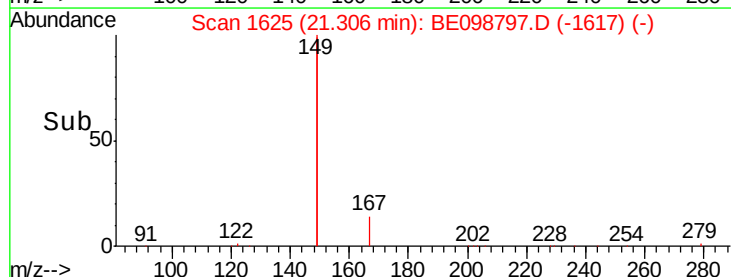
279 1.0 1.0 1.4

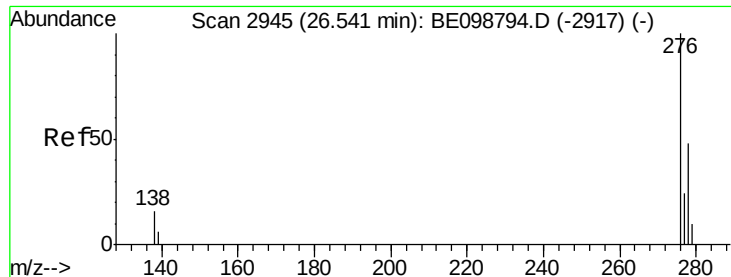


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

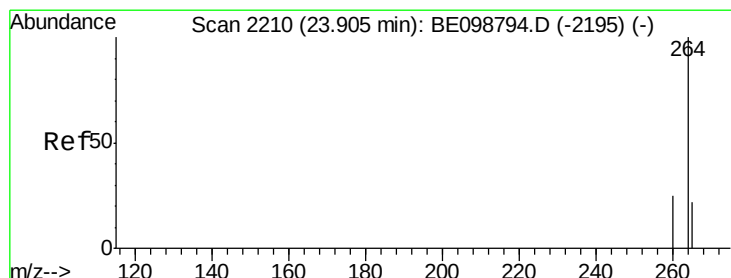
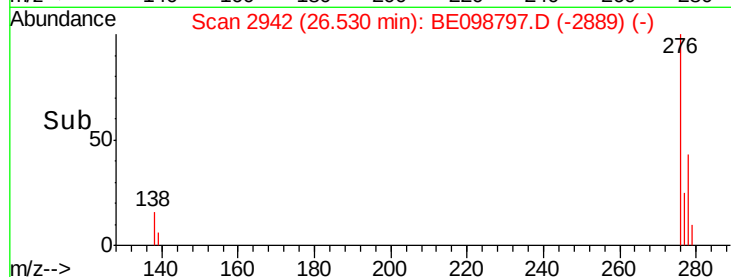
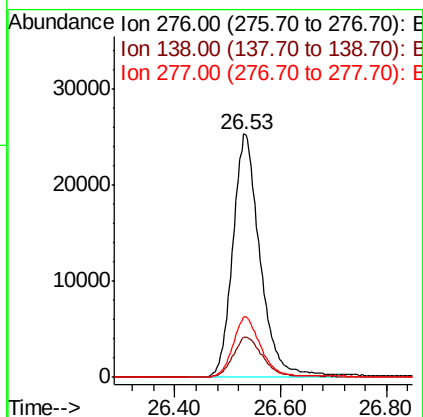
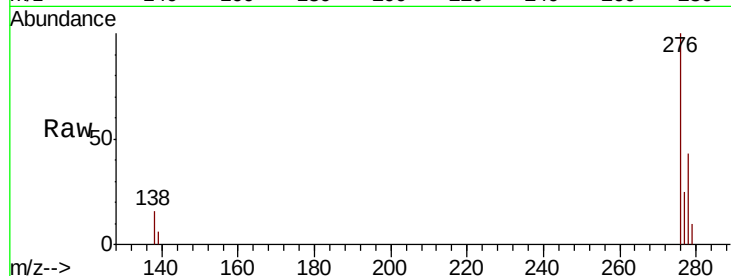




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 4.066 ng
 RT: 26.53 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BE098797.D
 Acq: 6 Mar 2019 13:58

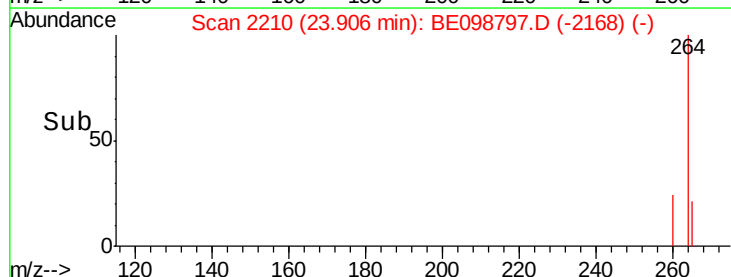
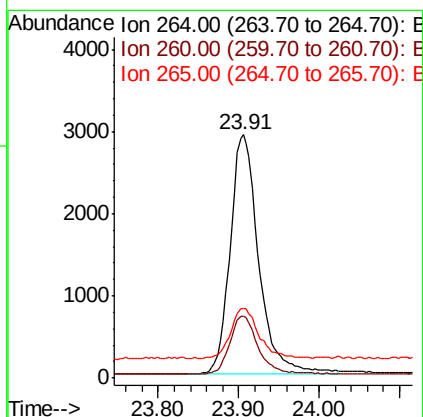
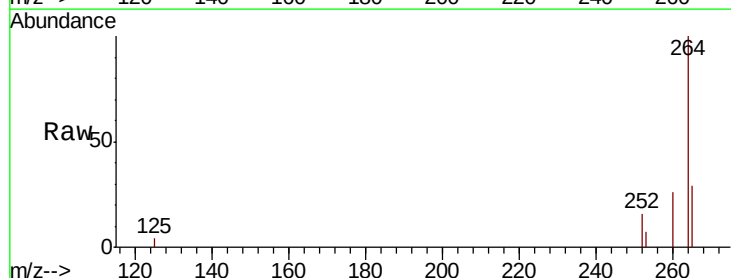
Instrument :
 BNA_E
 ClientSampleId :

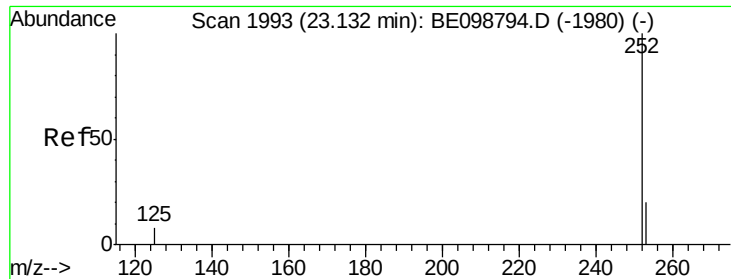
Tot Ion:276 Resp: 90614
 Ion Ratio Lower Upper
 276 100
 138 17.7 13.8 20.8
 277 25.1 19.5 29.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BE098797.D
 Acq: 6 Mar 2019 13:58

Tgt Ion:264 Resp: 7120
 Ion Ratio Lower Upper
 264 100
 260 25.6 21.2 31.8
 265 28.7 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 4.095 ng

RT: 23.13 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampleId :

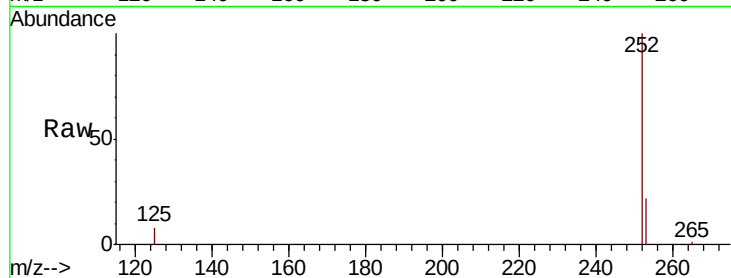
Tot Ion:252 Resp: 79530

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 7.6 7.3 10.9

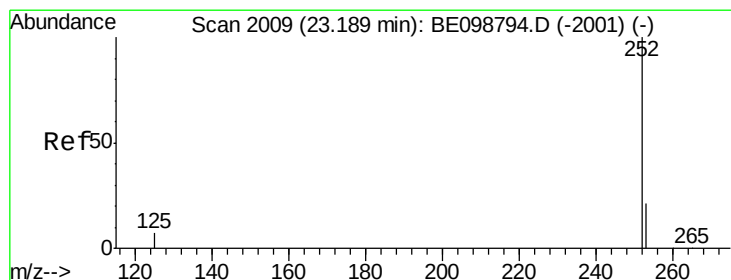
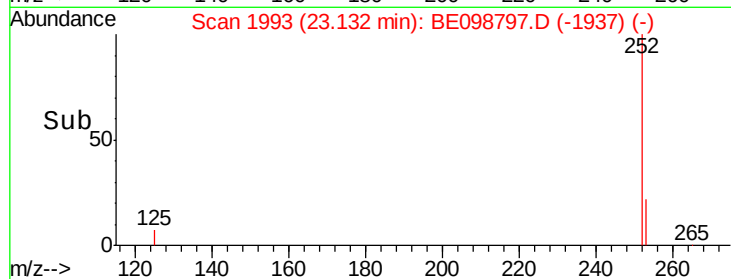
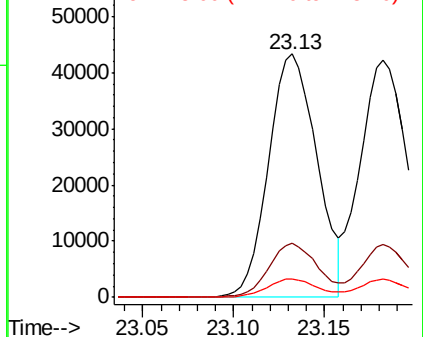


Abundance

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: 3.747 ng

RT: 23.13 min Scan# 1993

Delta R.T. -0.06 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

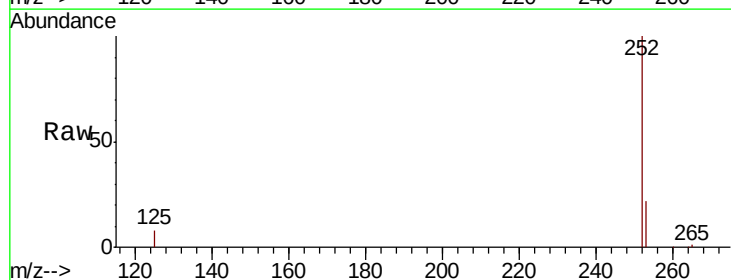
Tgt Ion:252 Resp: 79530

Ion Ratio Lower Upper

252 100

253 22.0 19.3 28.9

125 7.6 7.5 11.3

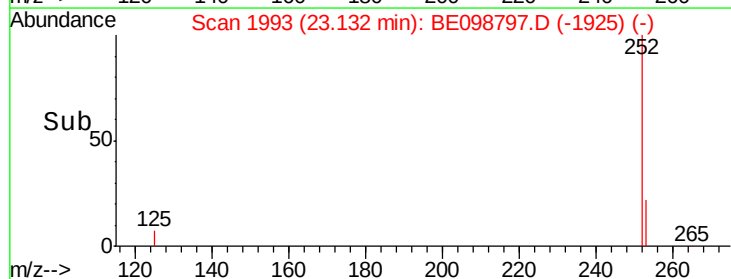
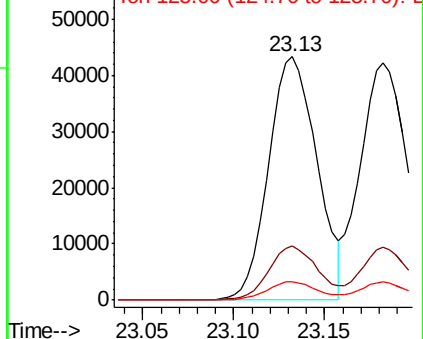


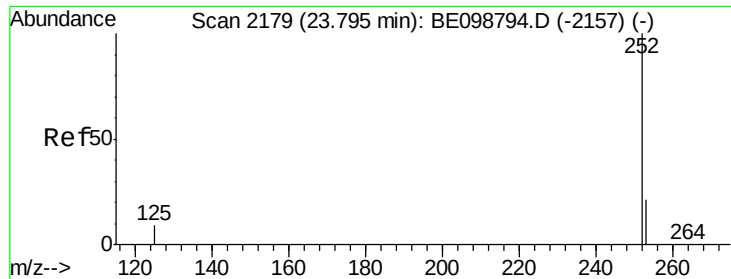
Abundance

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

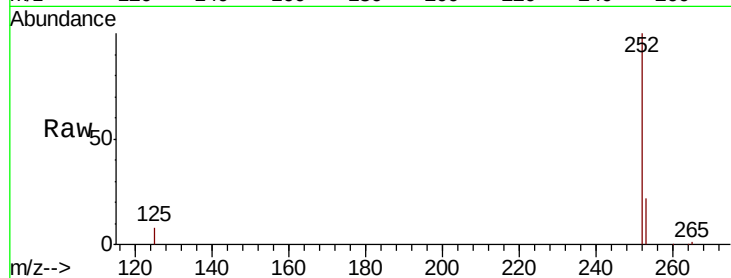




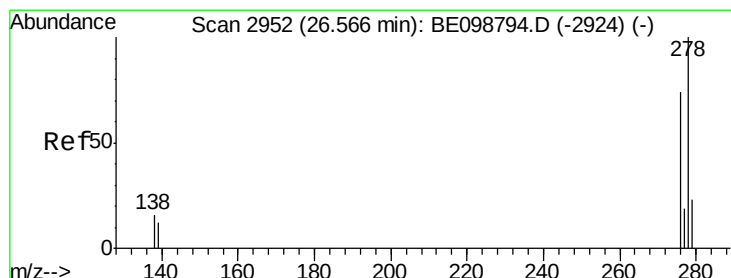
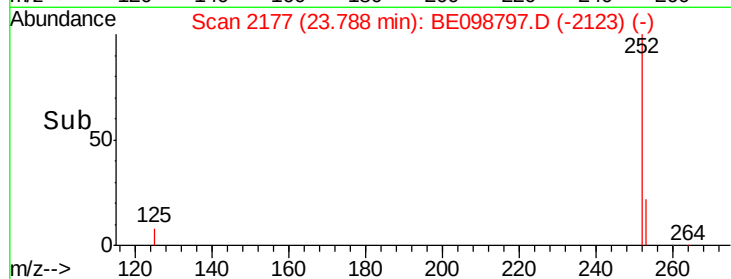
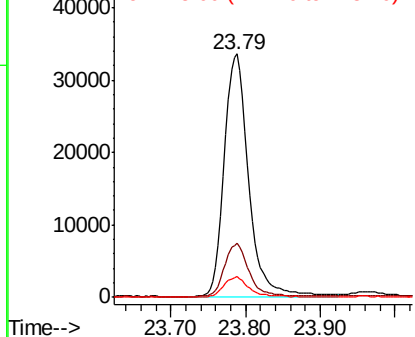
#37
Benzo(a)pyrene
Concen: 3.967 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 75694
Ion Ratio Lower Upper
252 100
253 22.1 19.9 29.9
125 8.4 9.0 13.4#

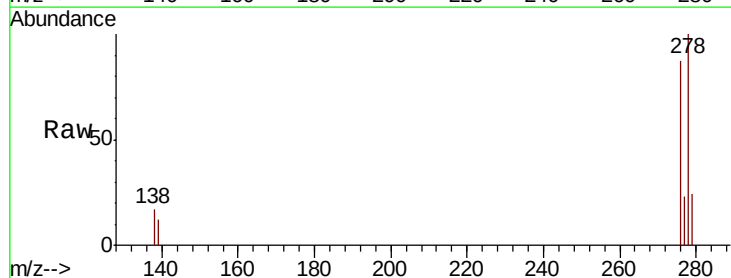


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

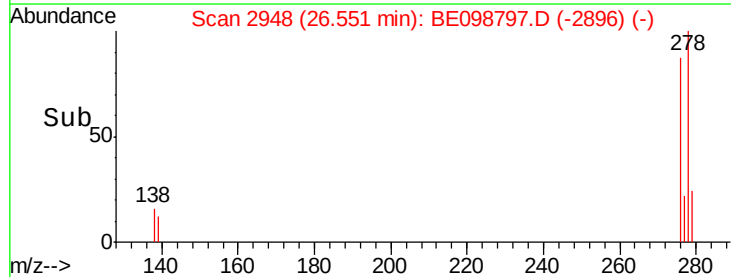
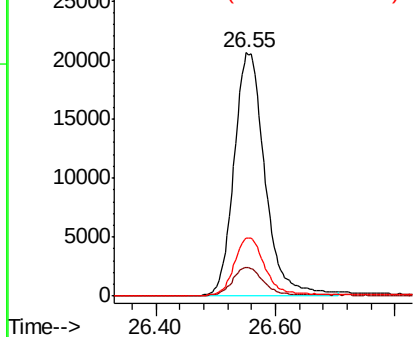


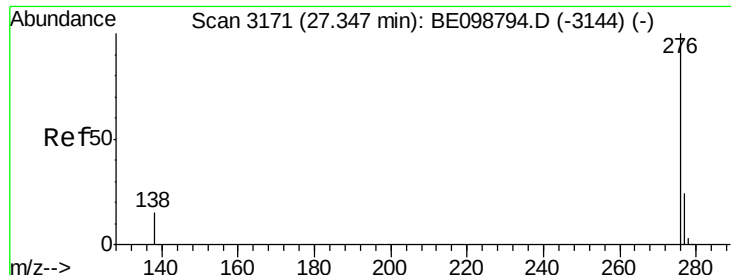
#38
Dibenzo(a,h)anthracene
Concen: 4.358 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:278 Resp: 73633
Ion Ratio Lower Upper
278 100
139 11.8 11.8 17.6
279 24.0 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(a,h,i)perylene

Concen: 4.008 ng

RT: 27.34 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BE098797.D

Acq: 6 Mar 2019 13:58

Instrument :

BNA_E

ClientSampleId :

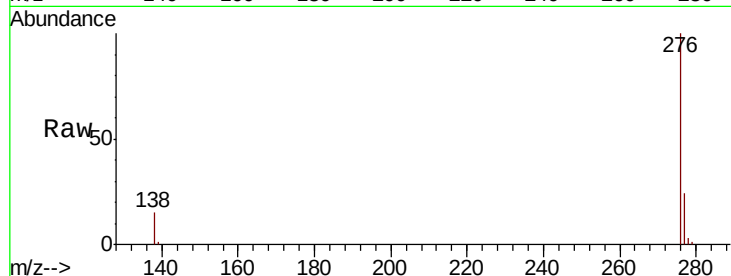
Tot Ion: 276 Resp: 74210

Ion Ratio Lower Upper

276 100

277 23.7 20.4 30.6

138 15.5 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

