

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098835.D
 Acq On : 8 Mar 2019 15:31
 Operator : JU/SJ
 Sample : K1793-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190306MS

Quant Time: Mar 08 16:07:36 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 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	750	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3180	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1998	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	4988	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7073	0.40	ng	0.00
34) Perylene-d12	23.91	264	6871	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	340	0.15	ng	0.03
5) Phenol-d6	7.00	99	356	0.11	ng	0.01
8) Nitrobenzene-d5	8.98	82	1370	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2959	0.50	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	439	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3685	0.45	ng	0.00
25) Fluoranthene-d10	19.25	212	29680	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	8058	0.47	ng	0.00

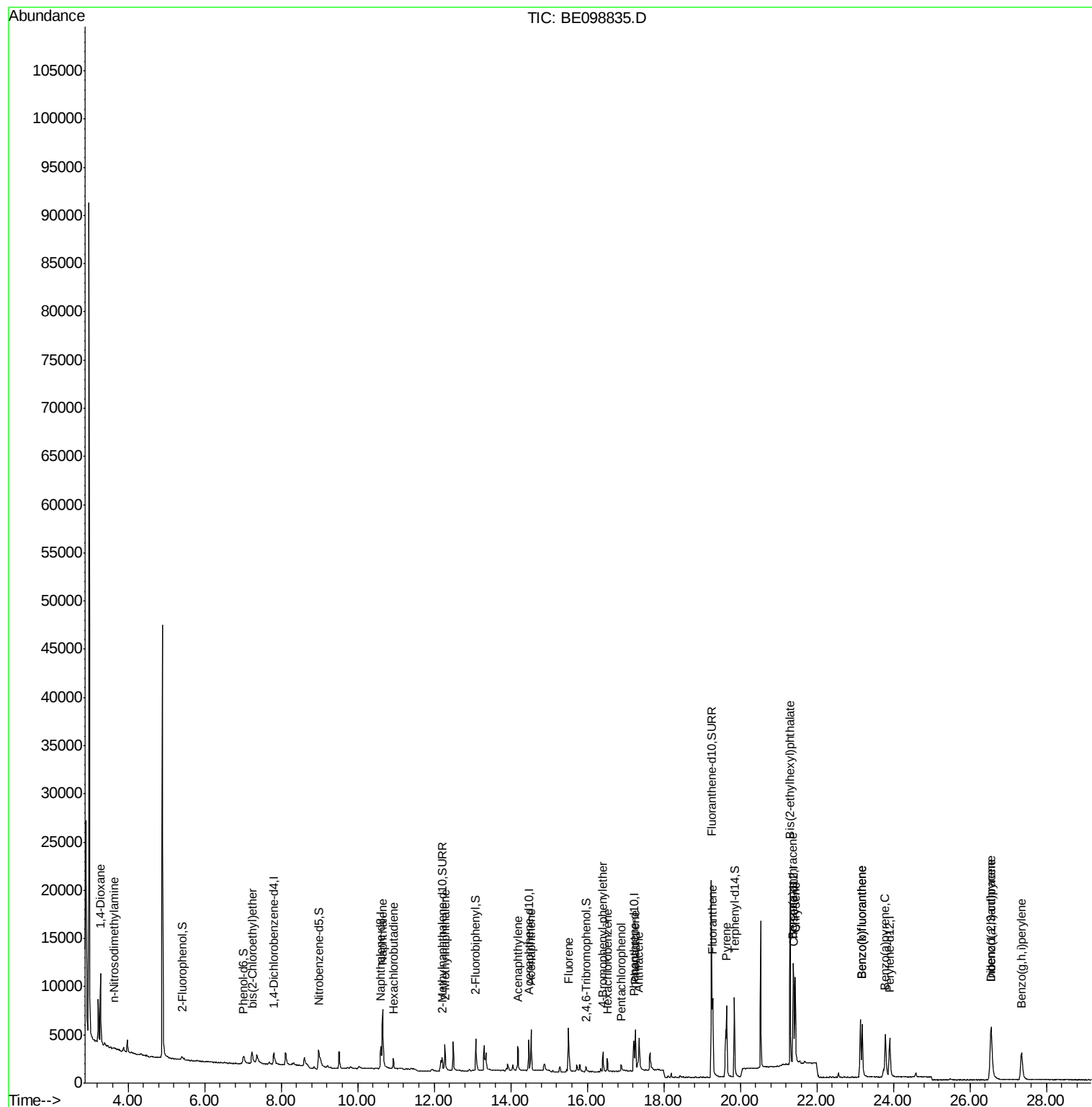
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	3722	3.119	ng	94
3) n-Nitrosodimethylamine	3.63	42	259	0.137	ng	# 14
6) bis(2-Chloroethyl)ether	7.24	93	791	0.324	ng	# 76
9) Naphthalene	10.65	128	13075	0.359	ng	100
10) Hexachlorobutadiene	10.93	225	741	0.308	ng	94
12) 2-Methylnaphthalene	12.28	142	2154	0.365	ng	98
16) Acenaphthylene	14.18	152	3471	0.338	ng	98
17) Acenaphthene	14.53	154	2214	0.363	ng	95
18) Fluorene	15.51	166	3055	0.348	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	968	0.358	ng	# 82
21) Hexachlorobenzene	16.52	284	1130	0.352	ng	98
22) Pentachlorophenol	16.89	266	618	0.829	ng	# 82
23) Phenanthrene	17.25	178	5347	0.377	ng	98
24) Anthracene	17.35	178	4473	0.369	ng	99
26) Fluoranthene	19.28	202	7349	0.367	ng	100
28) Pyrene	19.64	202	7763	0.359	ng	100
30) Benzo(a)anthracene	21.38	228	8376	0.379	ng	99
31) Chrysene	21.44	228	8431	0.357	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	20530	0.437	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	9328	0.374	ng	99
35) Benzo(b)fluoranthene	23.19	252	8680	0.384	ng	96
36) Benzo(k)fluoranthene	23.19	252	8680	0.367	ng	98
37) Benzo(a)pyrene	23.79	252	8316	0.384	ng	# 98
38) Dibenzo(a,h)anthracene	26.56	278	7415	0.362	ng	97
39) Benzo(g,h,i)perylene	27.35	276	7872	0.367	ng	99

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

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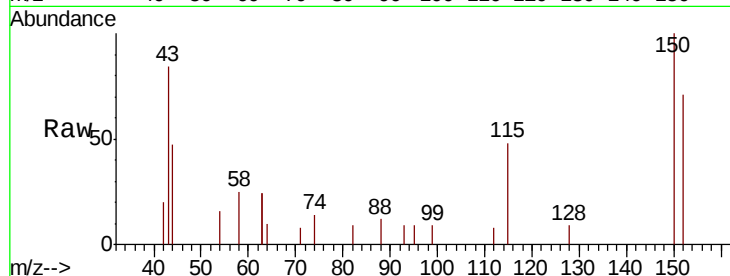


#1

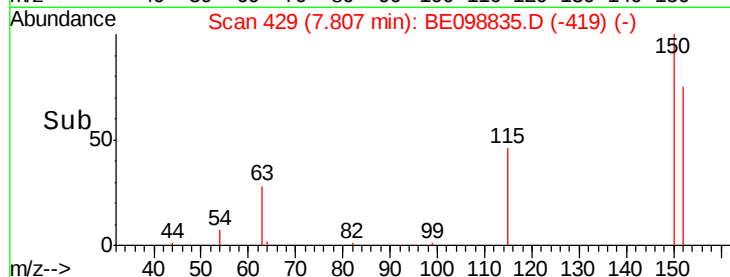
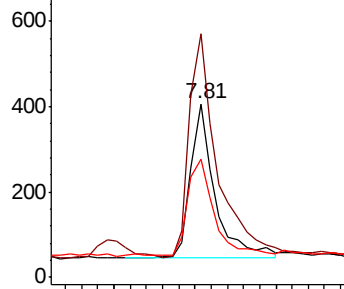
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tot Ion:152 Resp: 750
Ion Ratio Lower Upper
152 100
150 140.3 122.5 183.7
115 67.8 57.4 86.2



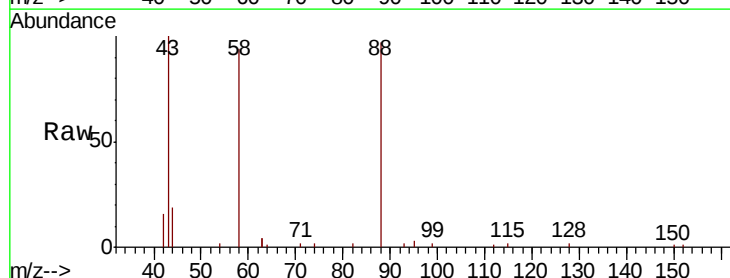
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



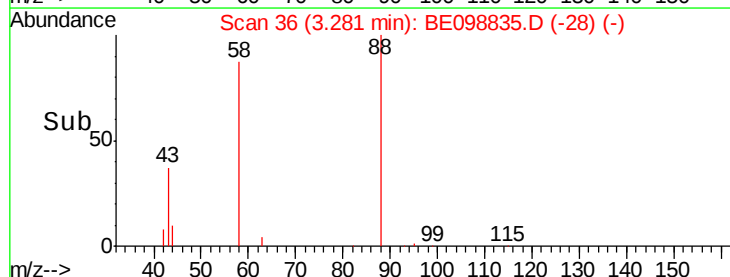
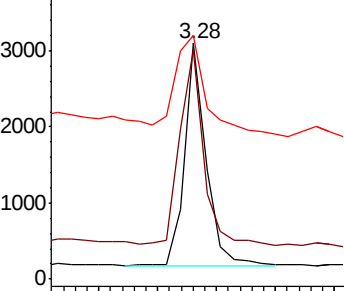
#2

1,4-Dioxane
Concen: 3.119 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion: 88 Resp: 3722
Ion Ratio Lower Upper
88 100
58 97.3 75.8 113.6
43 61.8 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

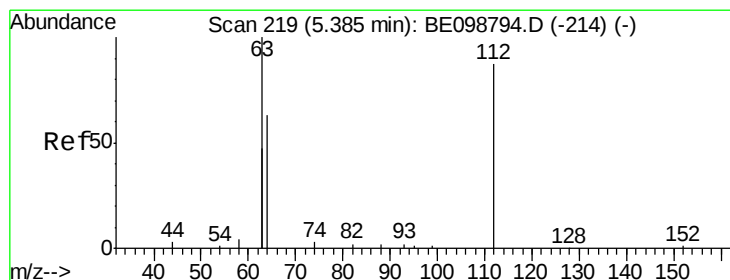
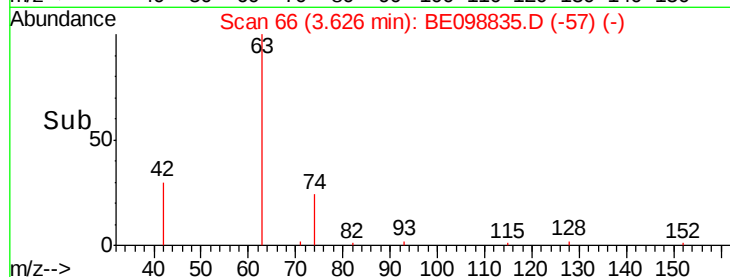
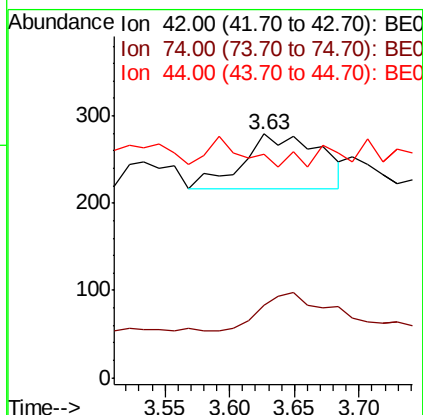
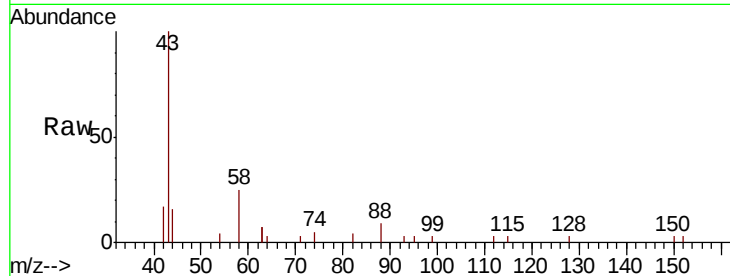




#3
 n-Nitrosodimethylamine
 Concen: 0.137 ng
 RT: 3.63 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

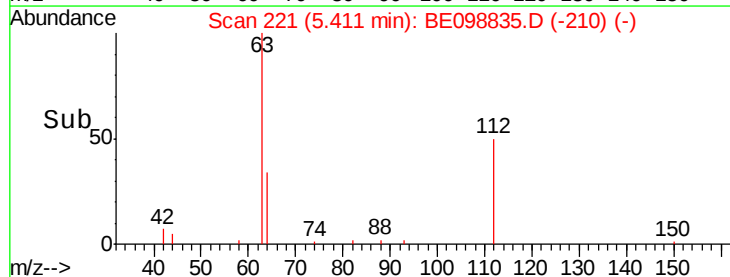
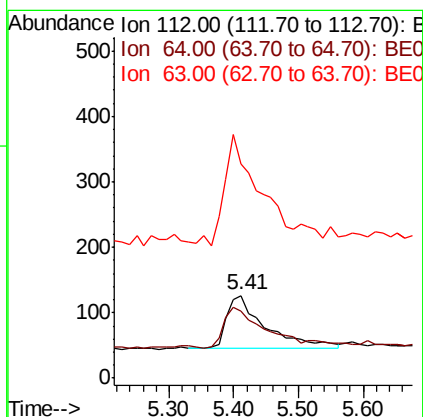
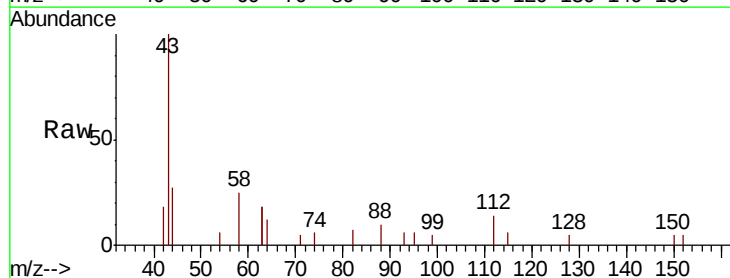
Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190306MS

Tot Ion: 42 Resp: 259
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.4#
 44 0.0 0.0 0.0



#4
 2-Fluorophenol
 Concen: 0.152 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.03 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

Tgt Ion: 112 Resp: 340
 Ion Ratio Lower Upper
 112 100
 64 89.7 57.9 86.9#
 63 177.4 158.3 237.5





#5

Phenol-d6

Concen: 0.112 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

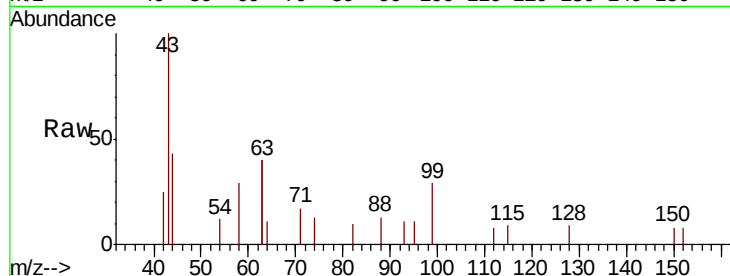
Tot Ion: 99 Resp: 356

Ion Ratio Lower Upper

99 100

42 59.3 24.2 36.2#

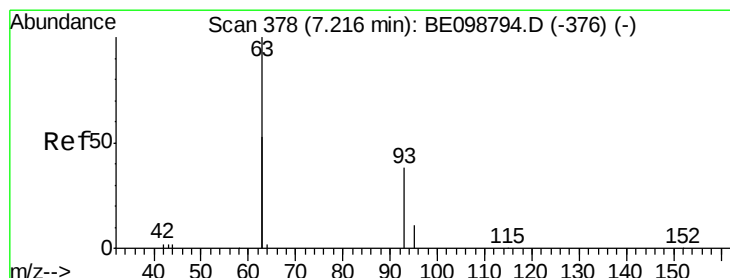
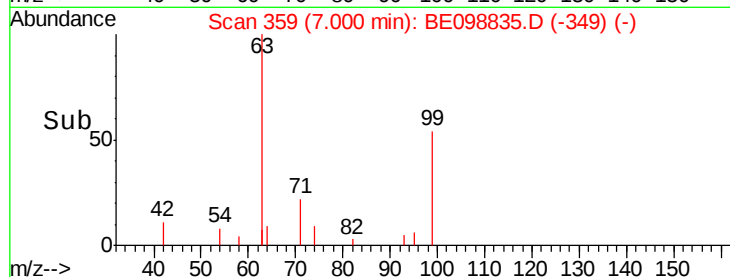
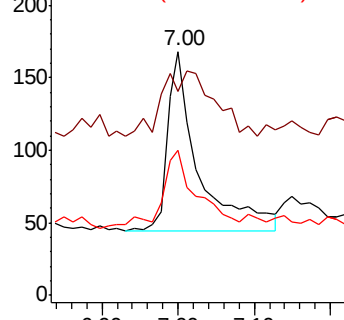
71 40.4 35.7 53.5



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: 0.324 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.03 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

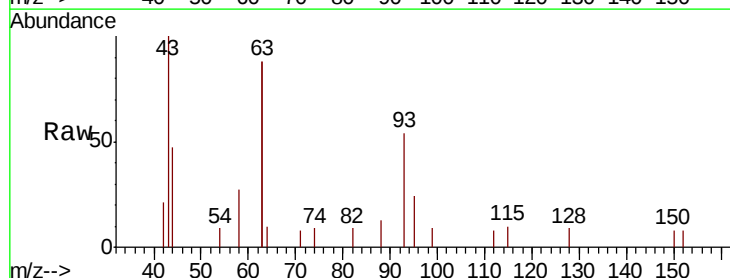
Tgt Ion: 93 Resp: 791

Ion Ratio Lower Upper

93 100

63 355.9 247.5 371.3

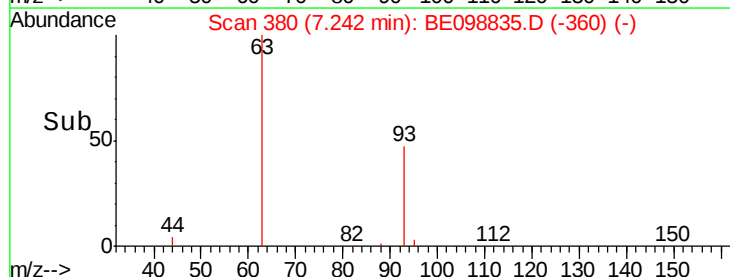
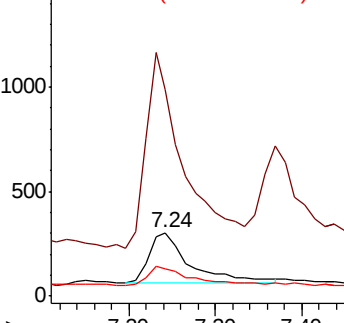
95 42.9 21.8 32.8#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

Tot Ion:136 Resp: 3180

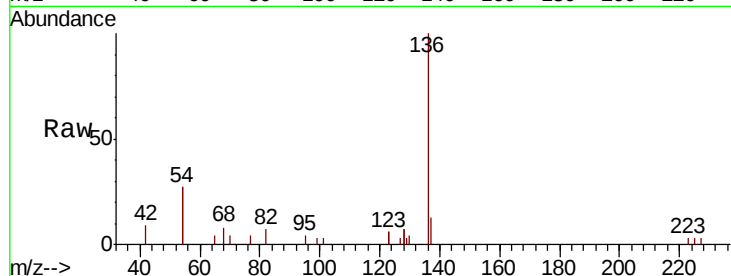
Ion Ratio Lower Upper

136 100

137 13.4 11.4 17.0

54 54.3 39.3 58.9

68 8.3 6.7 10.1

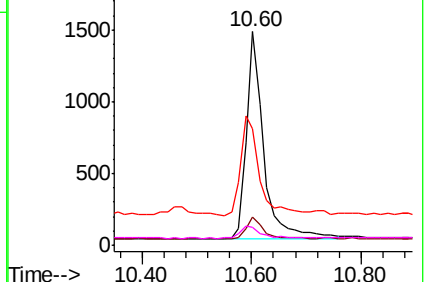
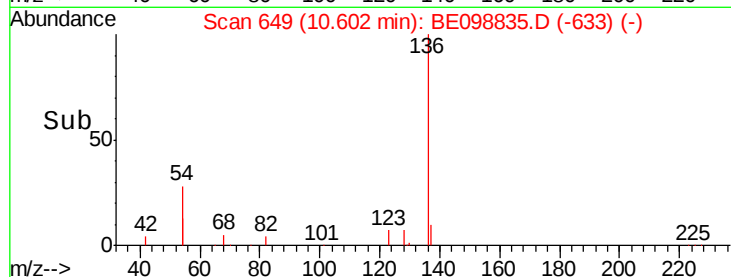


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

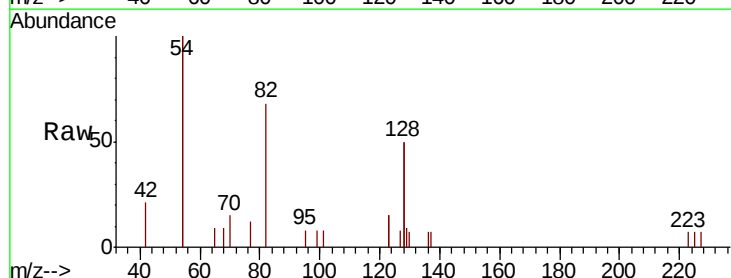
Tgt Ion: 82 Resp: 1370

Ion Ratio Lower Upper

82 100

128 146.8 123.8 185.8

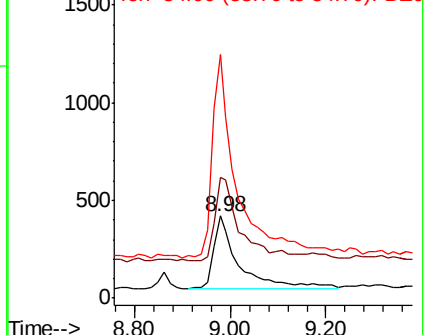
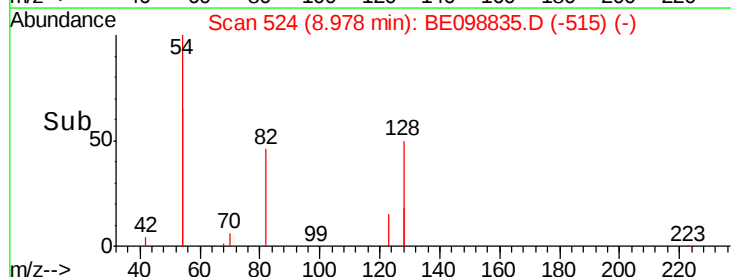
54 296.0 203.4 305.2



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: 0.359 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

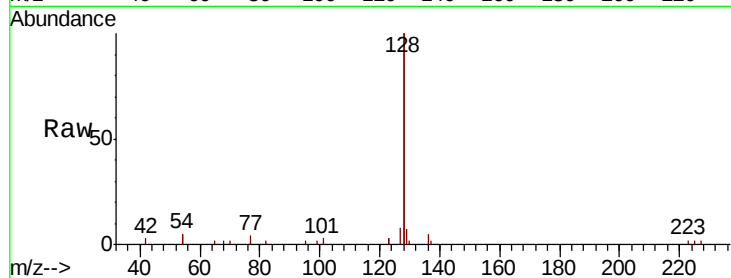
Tot Ion:128 Resp: 13075

Ion Ratio Lower Upper

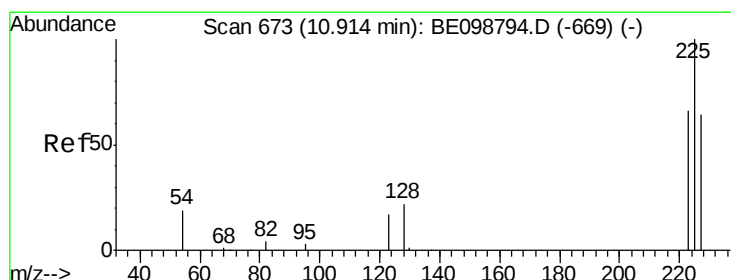
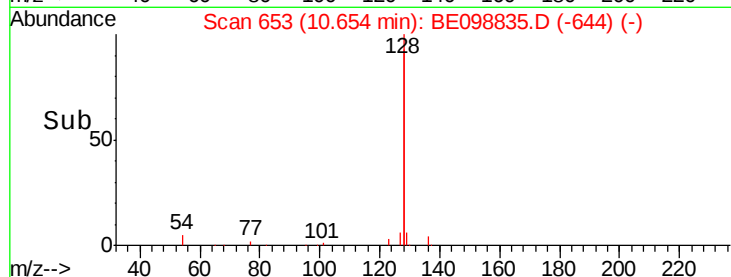
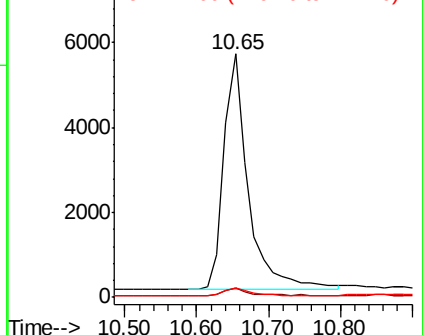
128 100

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: 0.308 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

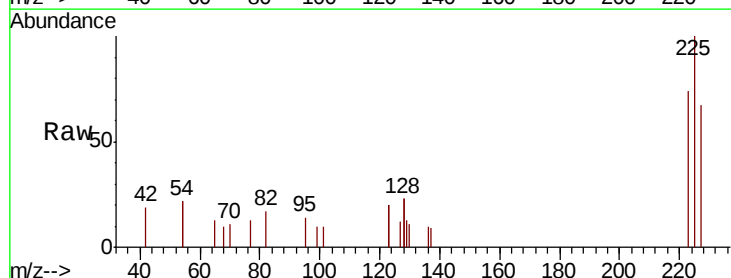
Tgt Ion:225 Resp: 741

Ion Ratio Lower Upper

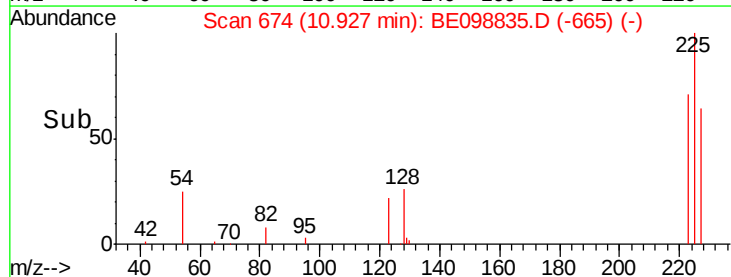
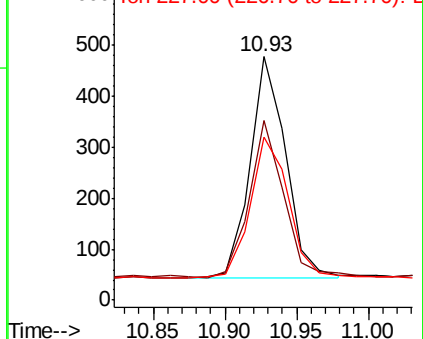
225 100

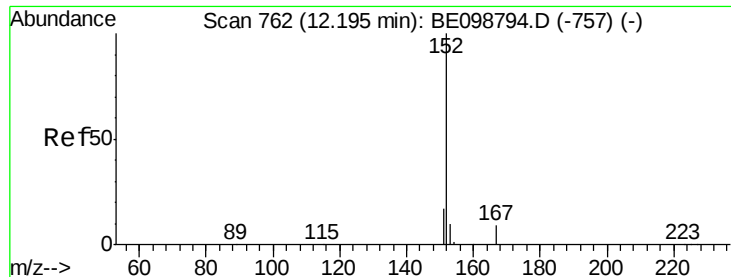
223 69.0 51.1 76.7

227 68.6 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

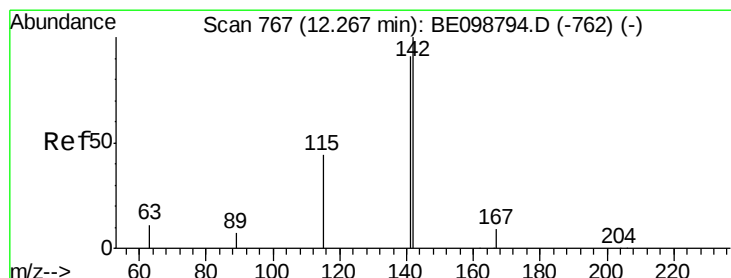
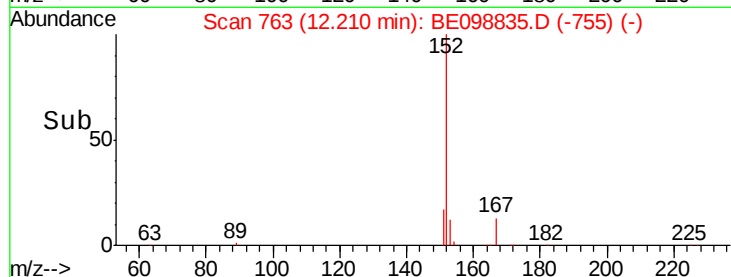
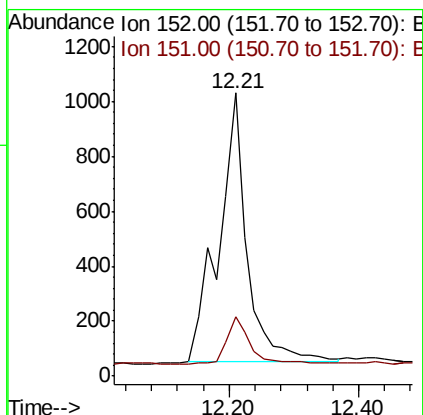
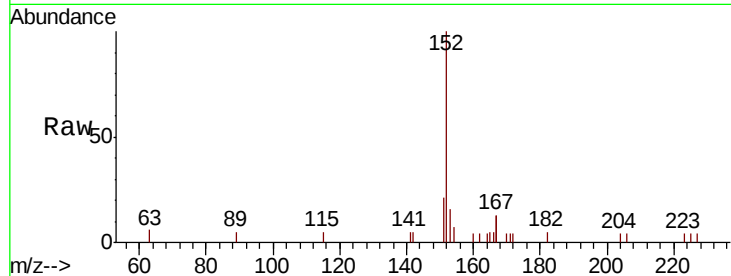




#11
2-Methylnaphthalene-d10
Concen: 0.503 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

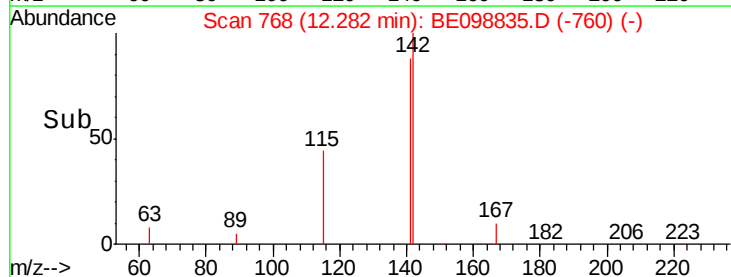
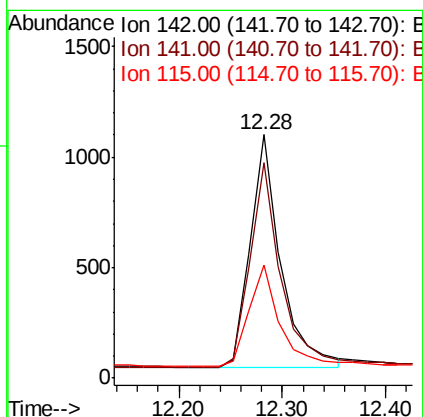
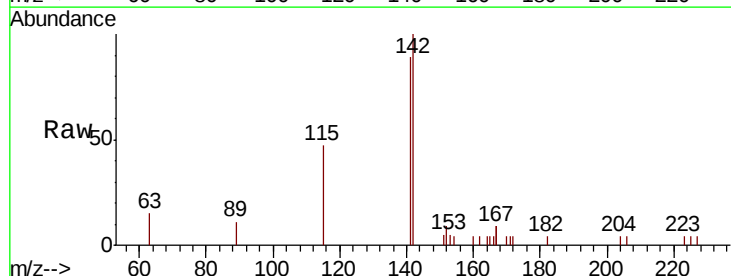
Instrument :
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Tot Ion:152 Resp: 2959
Ion Ratio Lower Upper
152 100
151 14.1 16.5 24.7#



#12
2-Methylnaphthalene
Concen: 0.365 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:142 Resp: 2154
Ion Ratio Lower Upper
142 100
141 88.6 72.6 108.8
115 46.6 37.4 56.2

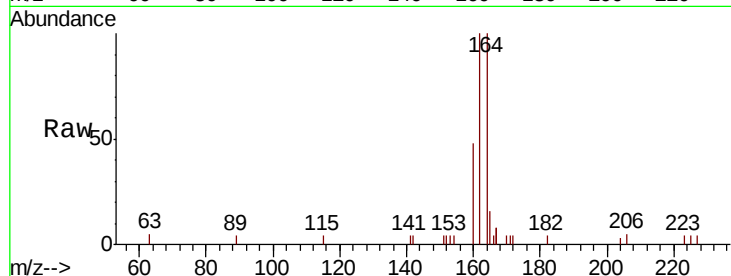




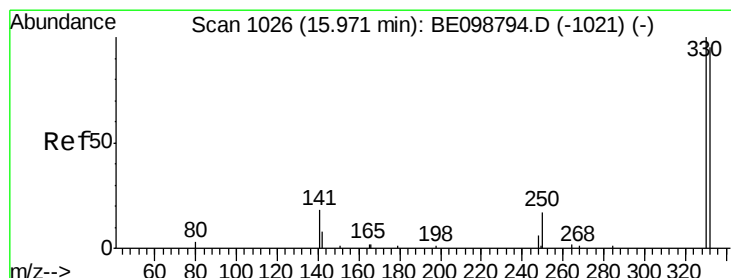
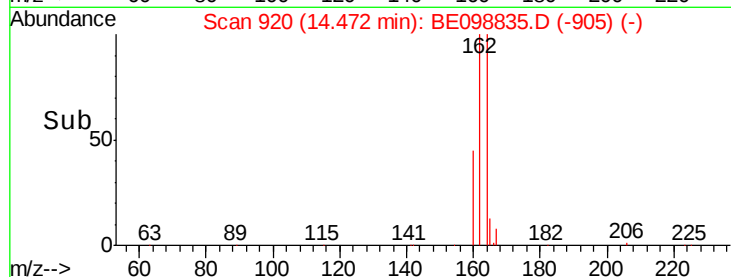
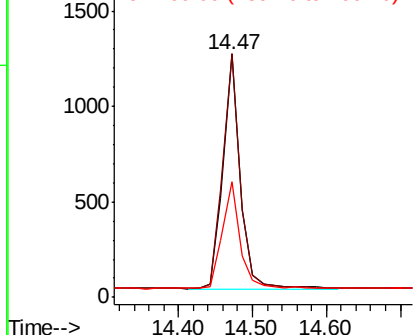
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190306MS

Tot Ion:164 Resp: 1998
 Ion Ratio Lower Upper
 164 100
 162 99.9 80.2 120.2
 160 47.5 37.8 56.8

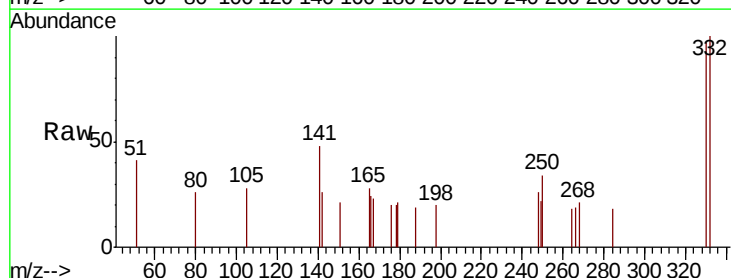


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

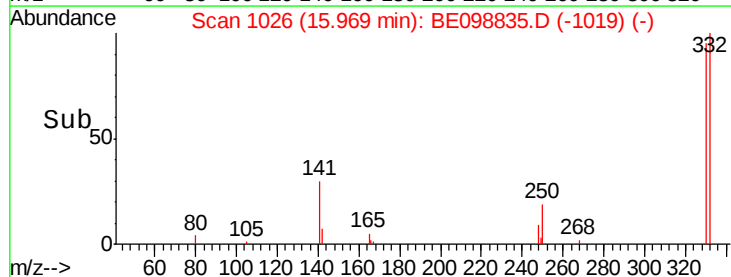
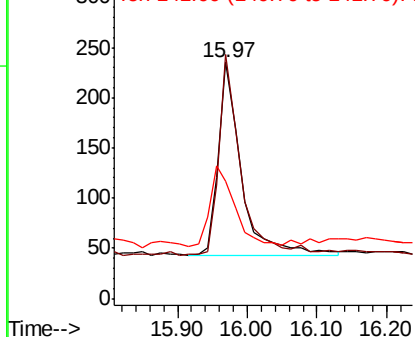


#14
 2,4,6-Tribromophenol
 Concen: 0.435 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

Tgt Ion:330 Resp: 439
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.6 116.4
 141 44.9 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

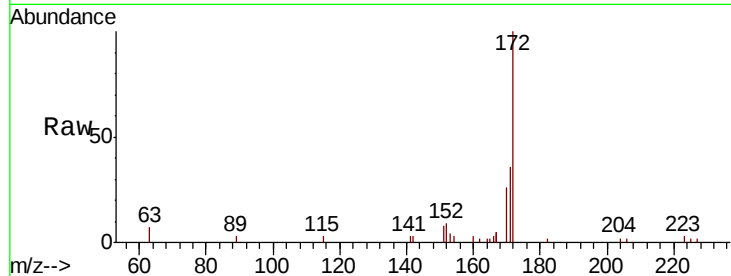




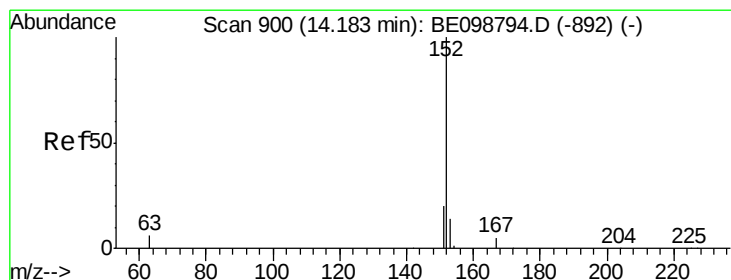
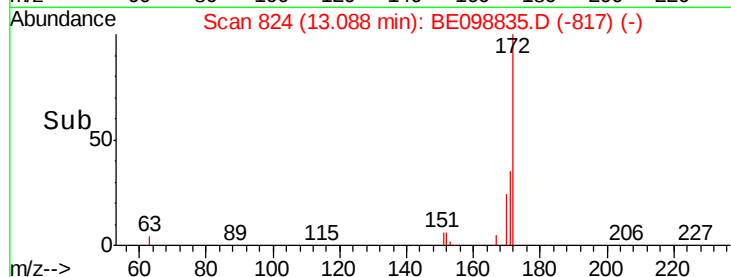
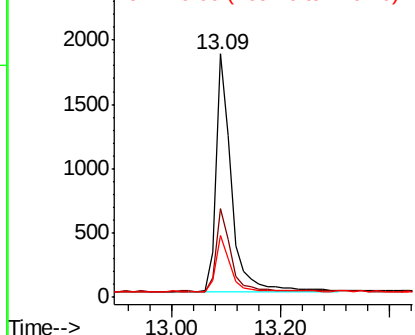
#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tot Ion:172 Resp: 3685
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 25.6 17.7 26.5

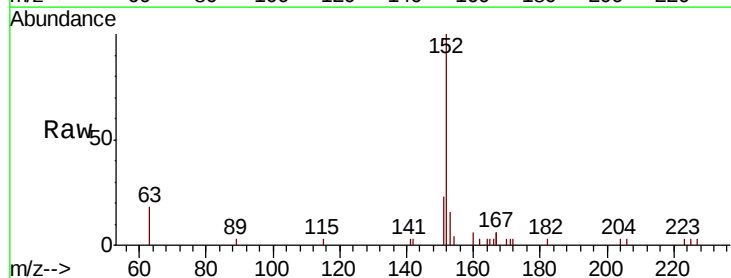


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

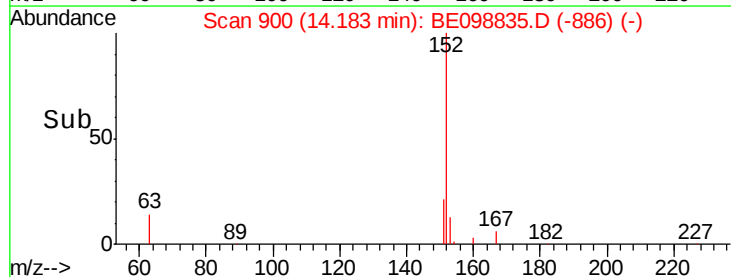
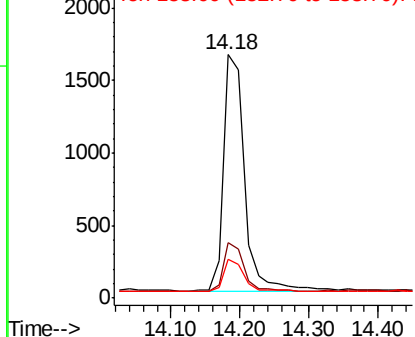


#16
Acenaphthylene
Concen: 0.338 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:152 Resp: 3471
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6
153 13.2 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

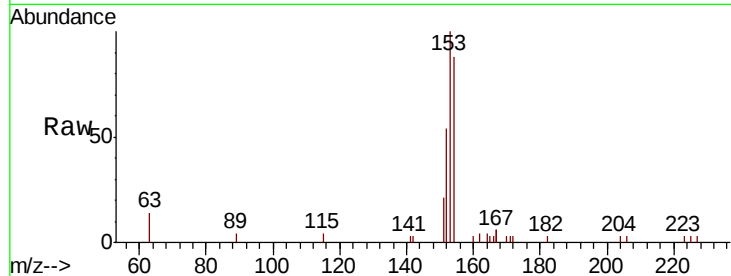




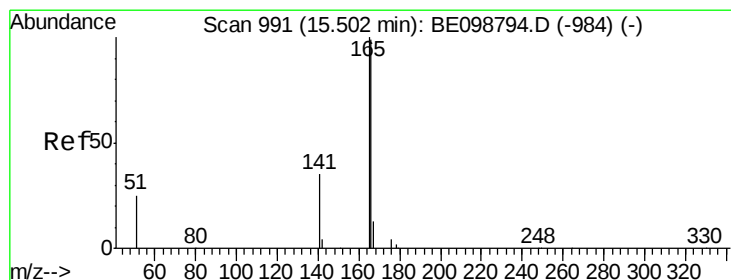
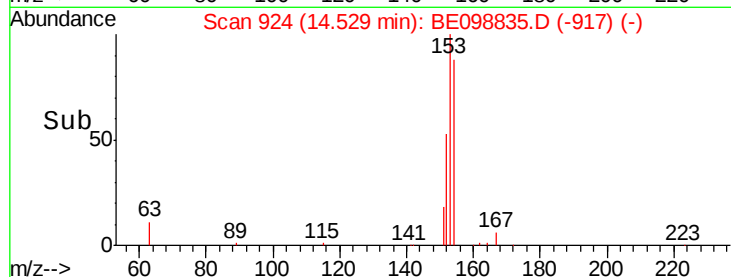
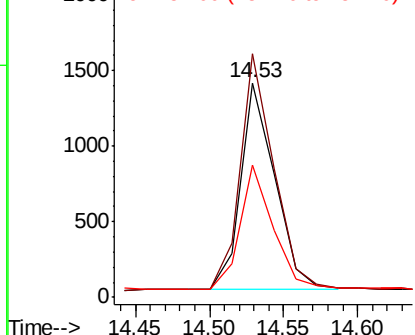
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tot Ion:154 Resp: 2214
Ion Ratio Lower Upper
154 100
153 111.6 94.2 141.4
152 57.8 45.0 67.4

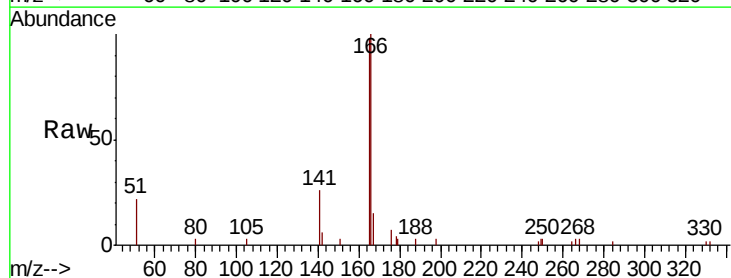


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

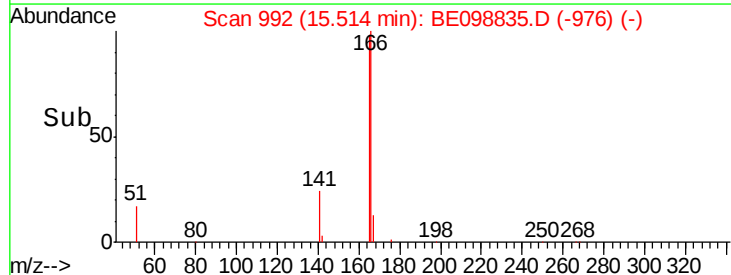
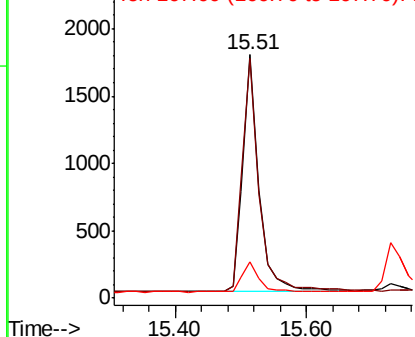


#18
Fluorene
Concen: 0.348 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:166 Resp: 3055
Ion Ratio Lower Upper
166 100
165 102.1 79.3 118.9
167 13.7 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: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

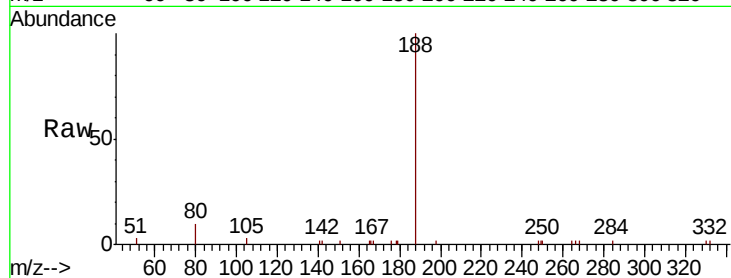
Tot Ion:188 Resp: 4988

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

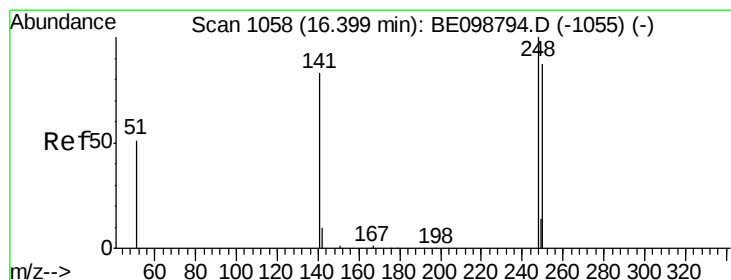
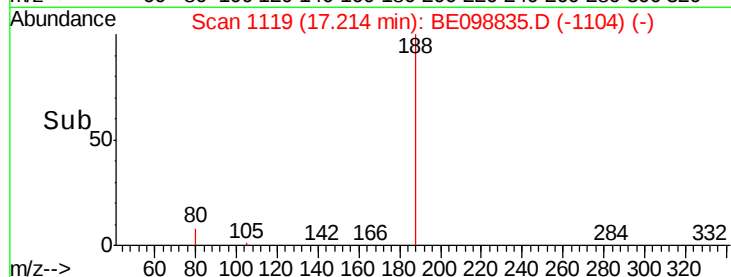
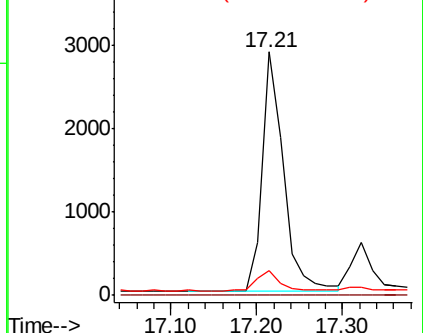
80 10.2 6.3 9.5#



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: 0.358 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

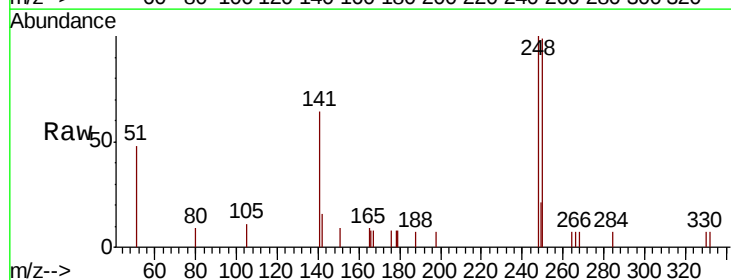
Tgt Ion:248 Resp: 968

Ion Ratio Lower Upper

248 100

250 99.4 70.6 105.8

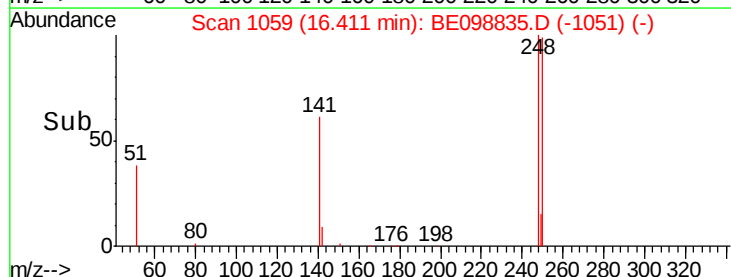
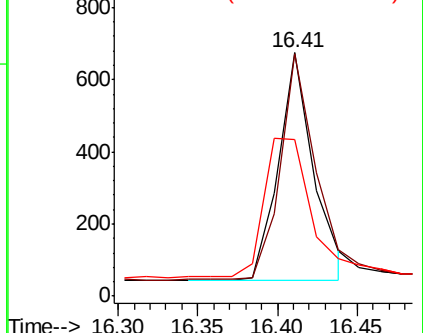
141 64.1 68.6 102.8#



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: 0.352 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

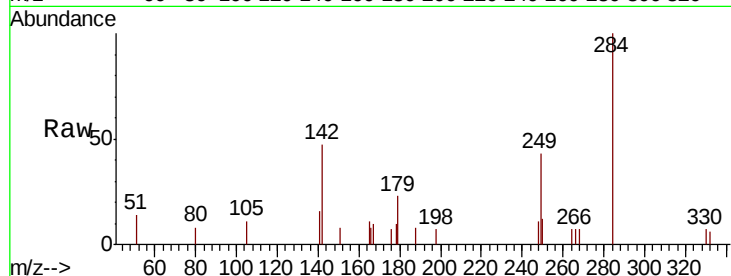
Tot Ion:284 Resp: 1130

Ion Ratio Lower Upper

284 100

142 35.9 28.7 43.1

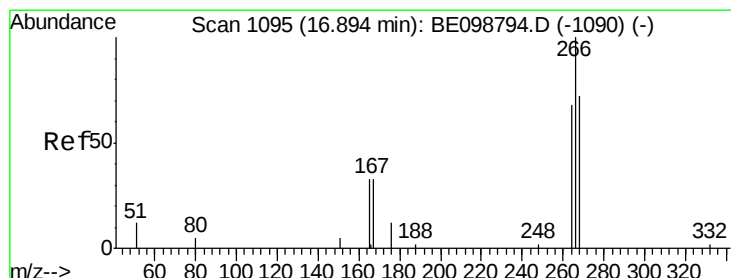
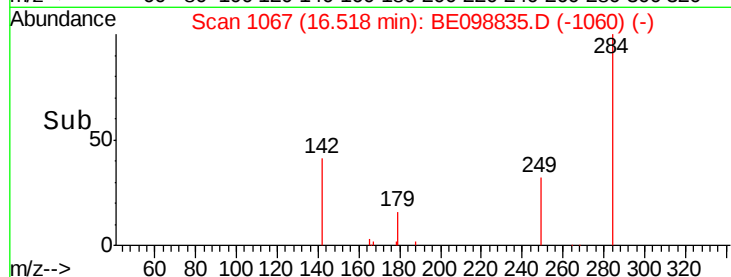
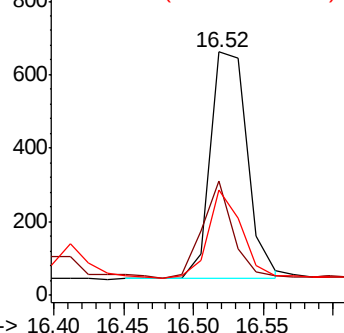
249 34.9 29.6 44.4



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: 0.829 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

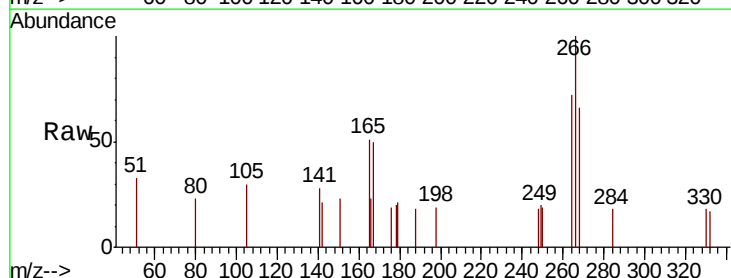
Tgt Ion:266 Resp: 618

Ion Ratio Lower Upper

266 100

264 71.8 66.6 100.0

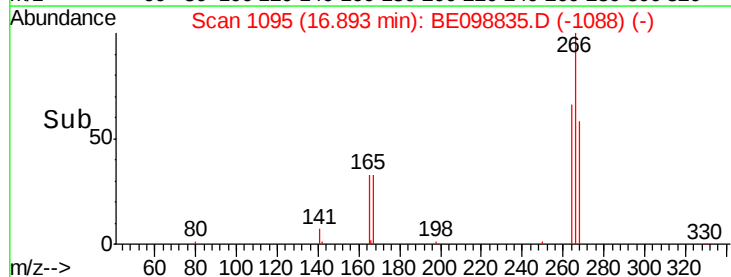
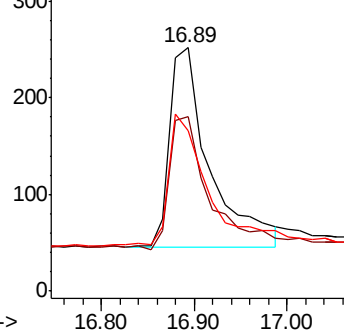
268 65.9 69.8 104.8#

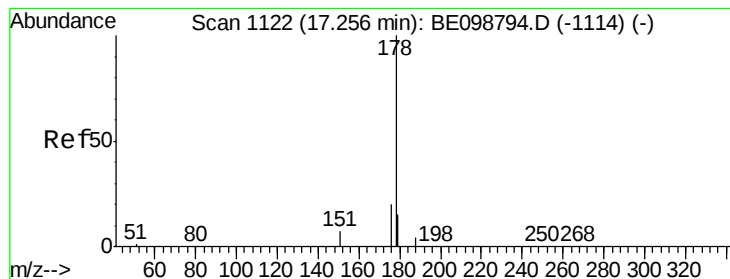


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.377 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

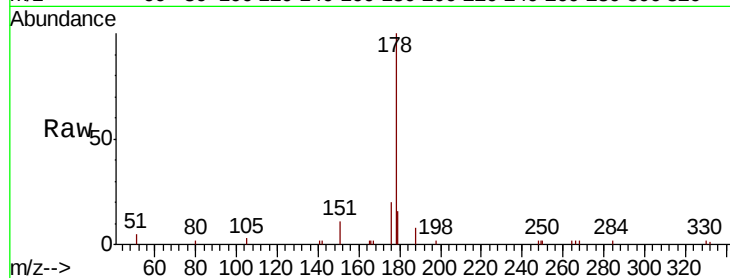
Tot Ion:178 Resp: 5347

Ion Ratio Lower Upper

178 100

176 18.9 16.0 24.0

179 16.0 12.1 18.1

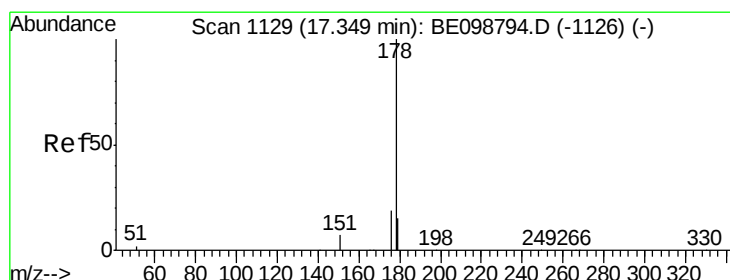
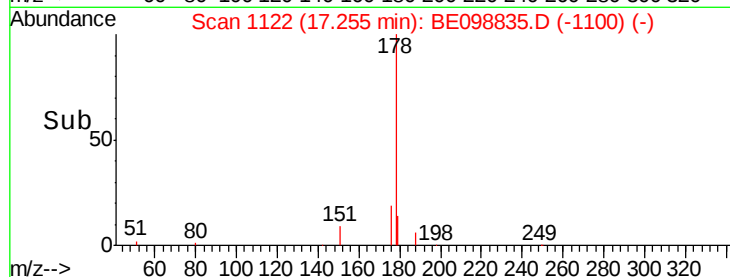
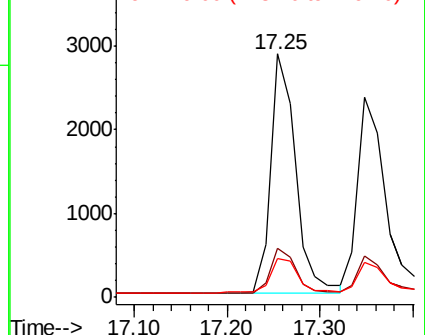


Abundance

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: 0.369 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

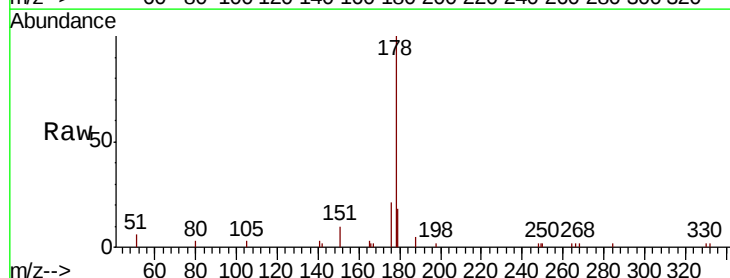
Tgt Ion:178 Resp: 4473

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

179 15.8 12.2 18.4

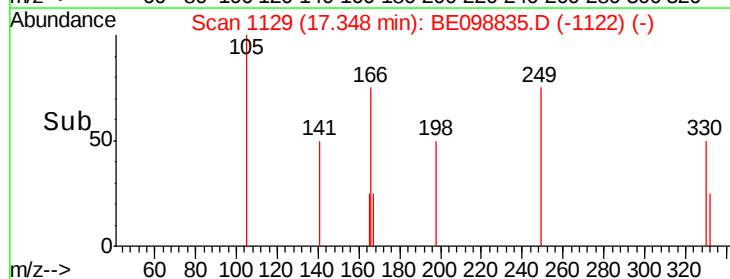
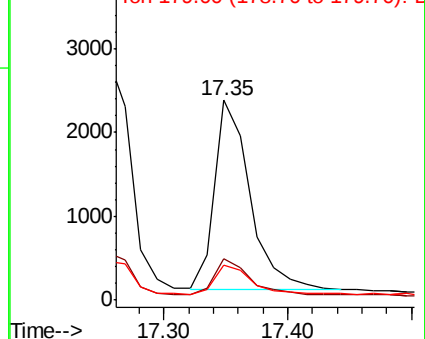


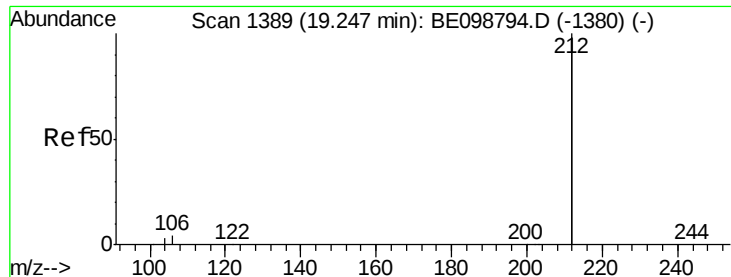
Abundance

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: 0.373 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

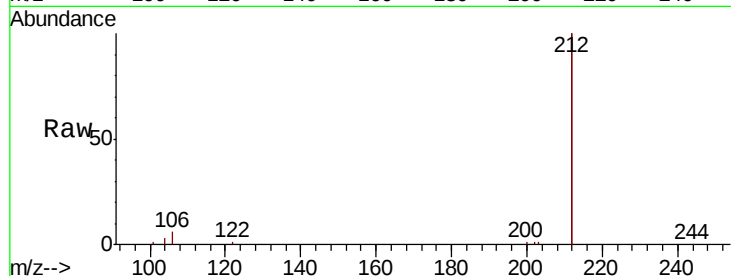
Tot Ion:212 Resp: 29680

Ion Ratio Lower Upper

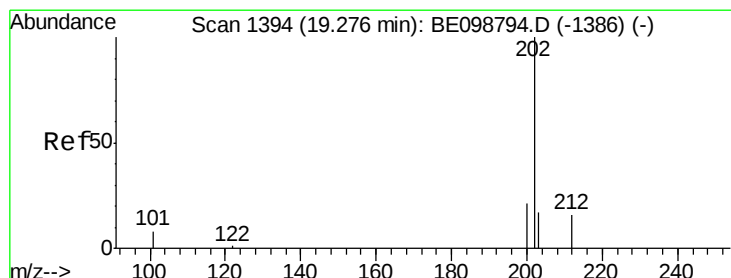
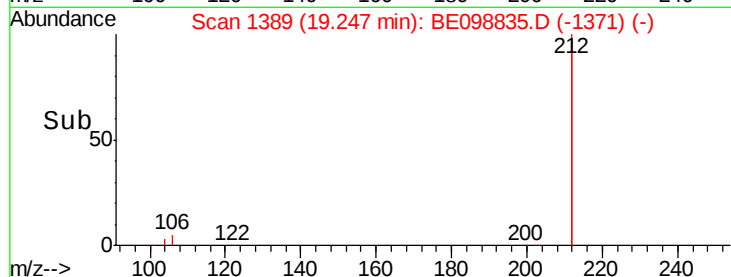
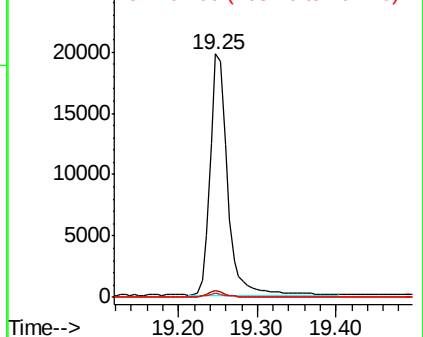
212 100

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: 0.367 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

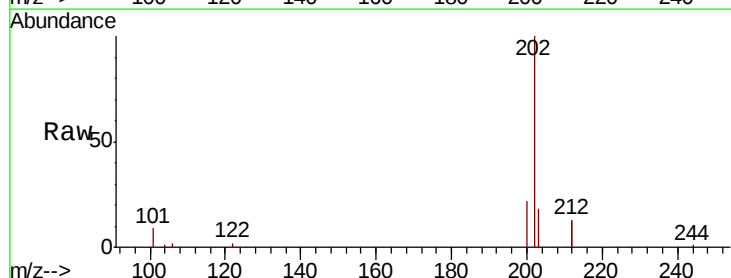
Tgt Ion:202 Resp: 7349

Ion Ratio Lower Upper

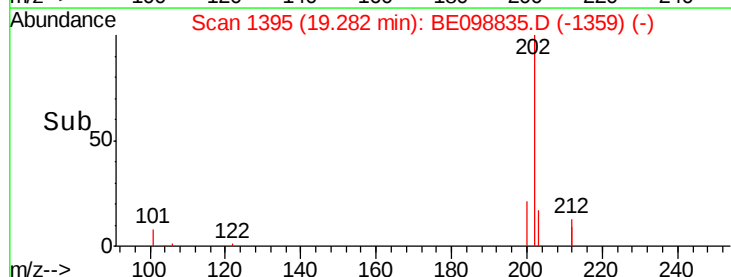
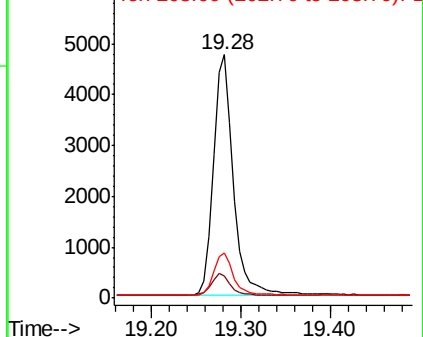
202 100

101 8.9 7.3 10.9

203 16.8 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

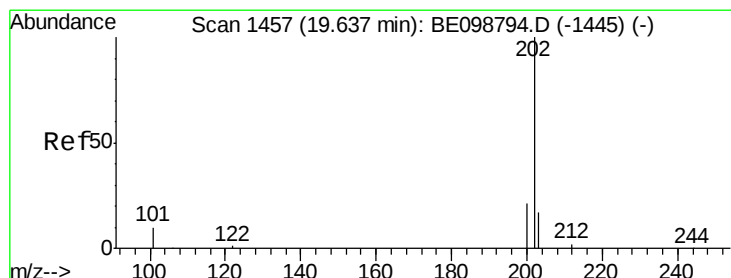
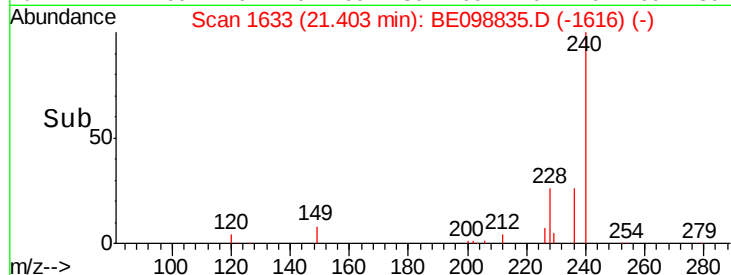
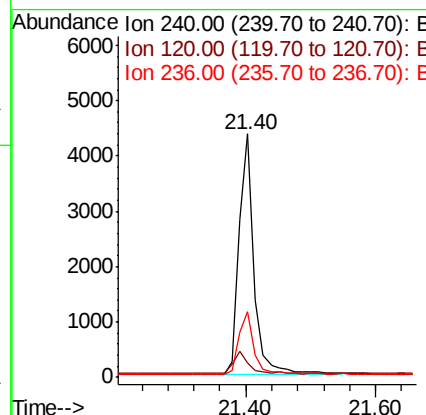
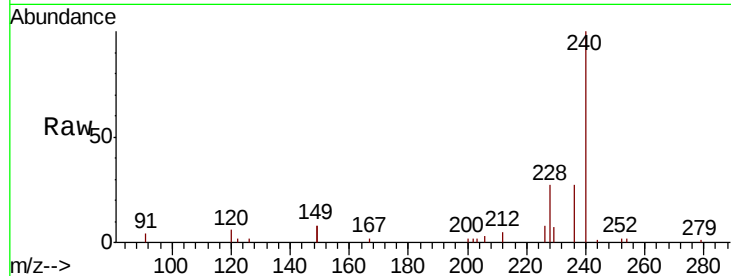




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

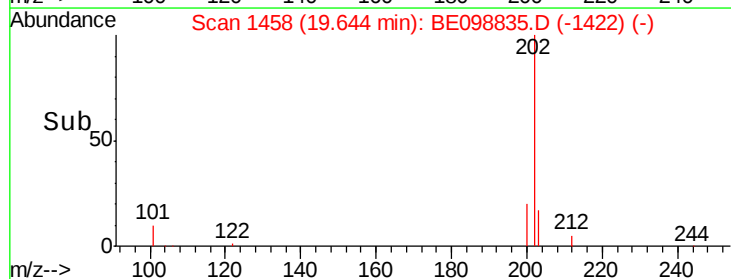
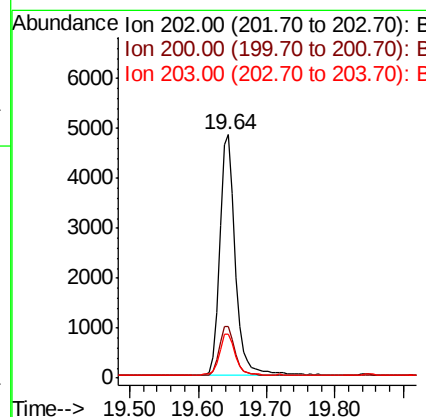
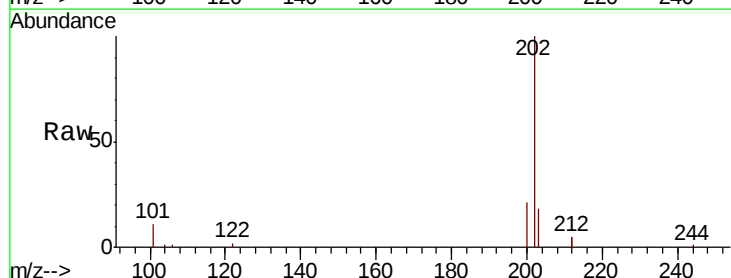
Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190306MS

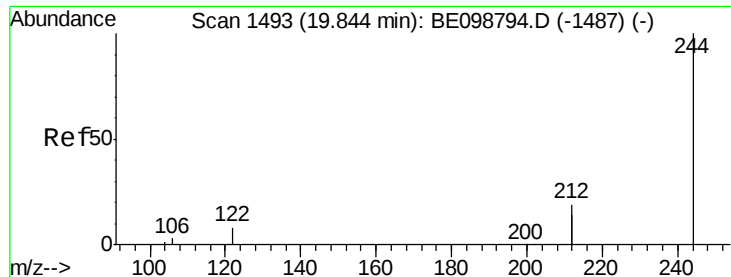
Tot Ion:240 Resp: 7073
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.0 7.4
 236 27.2 22.7 34.1



#28
 Pyrene
 Concen: 0.359 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

Tgt Ion:202 Resp: 7763
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.6
 203 17.9 14.2 21.2





#29

Terphenyl-d14

Concen: 0.469 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

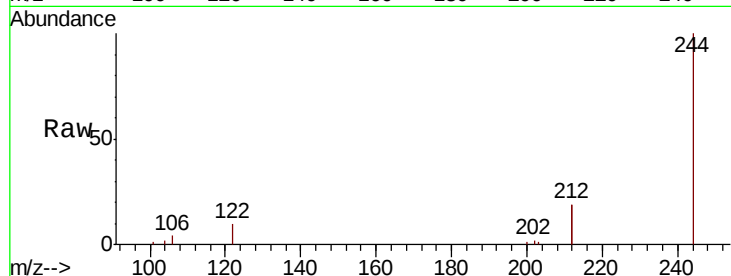
Tot Ion:244 Resp: 8058

Ion Ratio Lower Upper

244 100

212 37.5 29.4 44.2

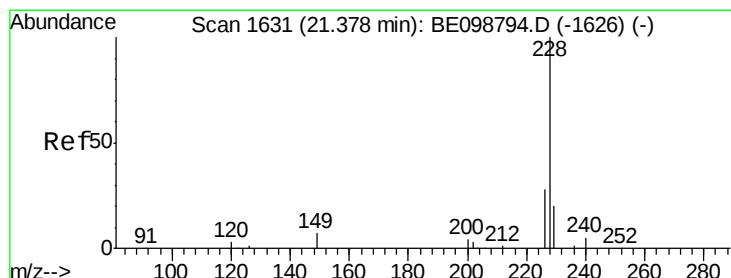
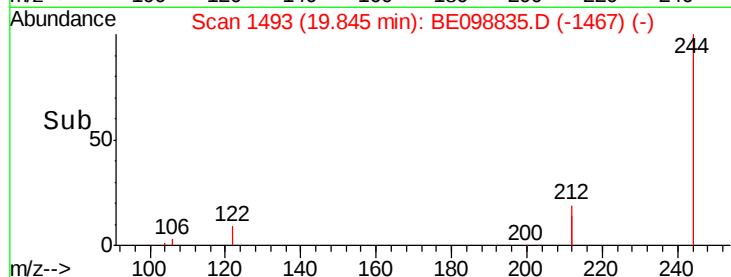
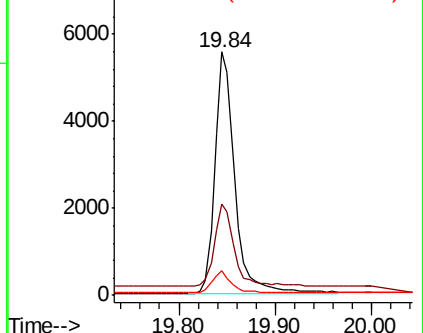
122 10.0 7.1 10.7



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: 0.379 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

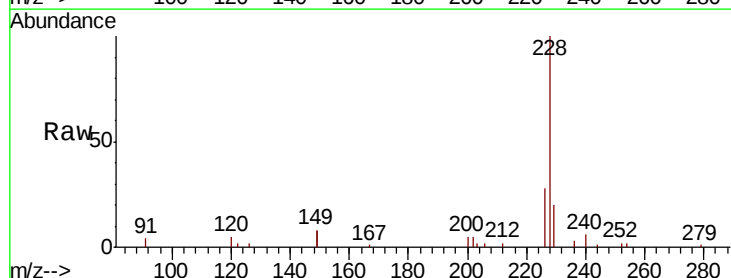
Tgt Ion:228 Resp: 8376

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.4

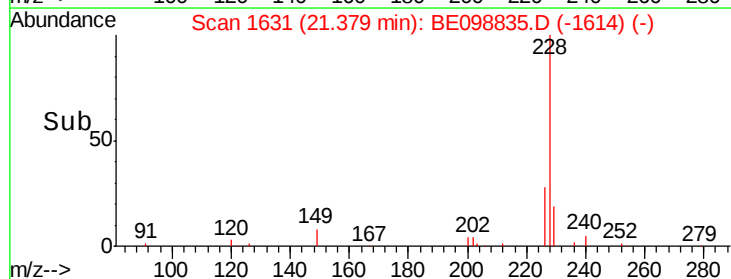
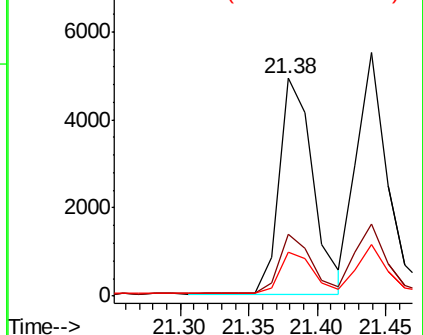
229 20.3 16.5 24.7

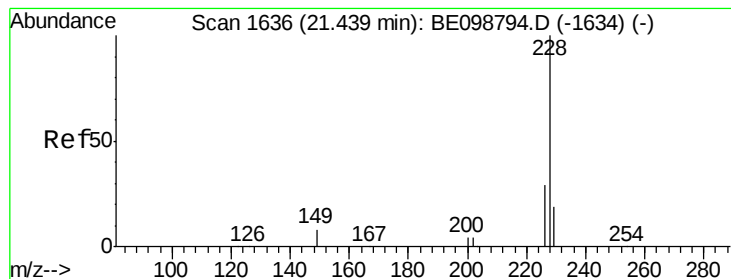


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.357 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

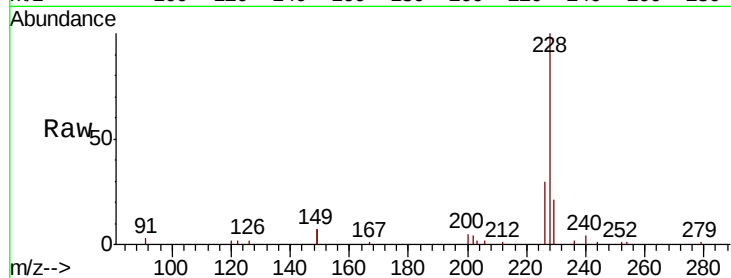
Tot Ion:228 Resp: 8431

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

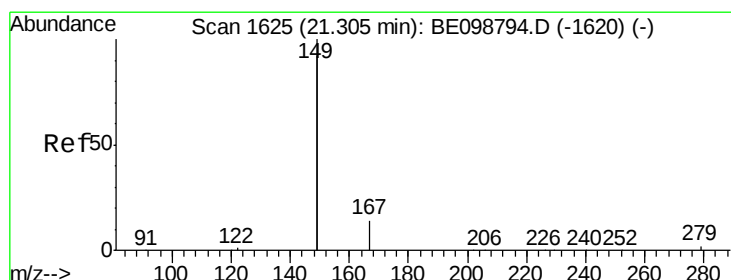
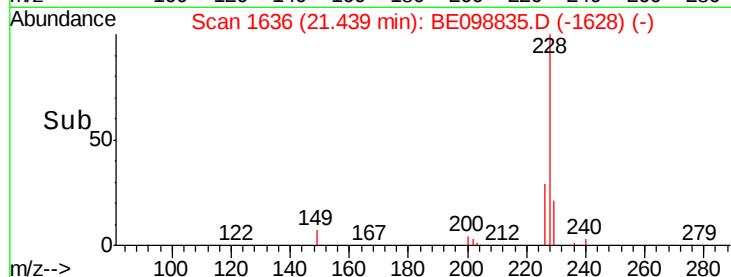
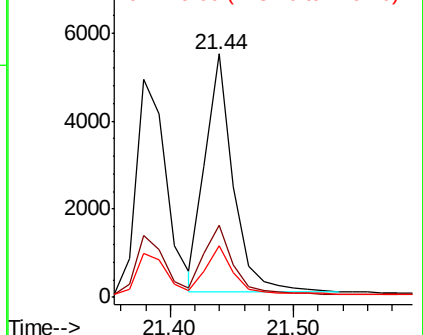
229 21.4 16.1 24.1



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: 0.437 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

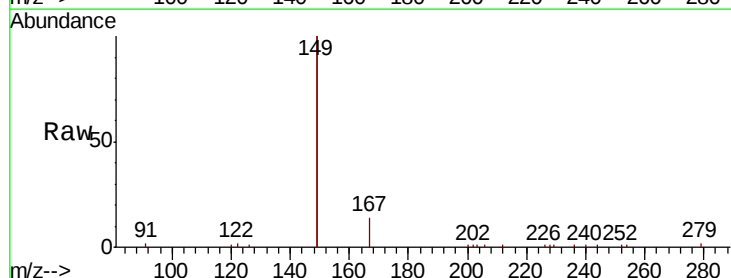
Tgt Ion:149 Resp: 20530

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

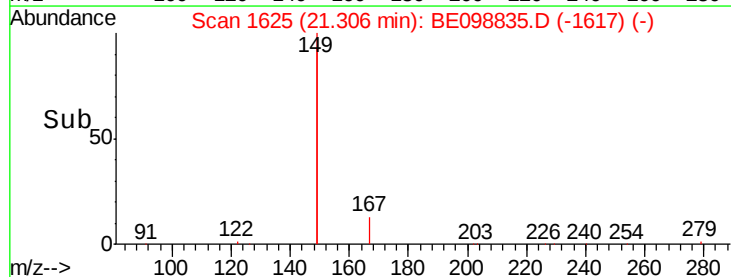
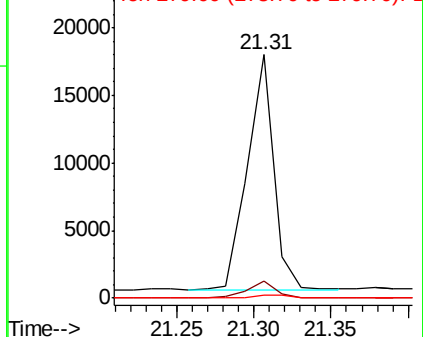
279 1.1 1.0 1.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.374 ng

RT: 26.55 min Scan# 2947

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

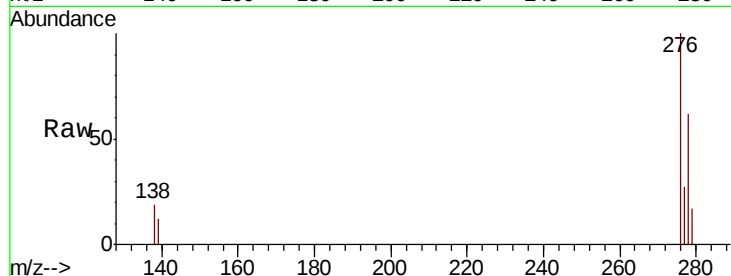
Tot Ion:276 Resp: 9328

Ion Ratio Lower Upper

276 100

138 17.9 13.8 20.8

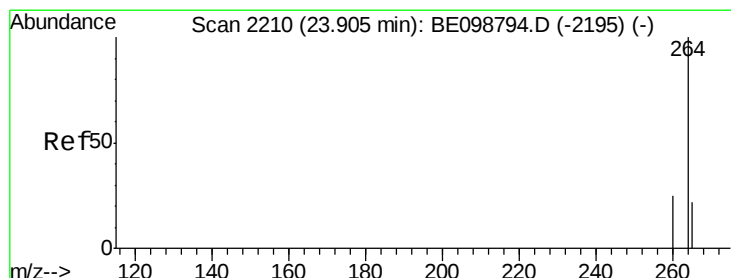
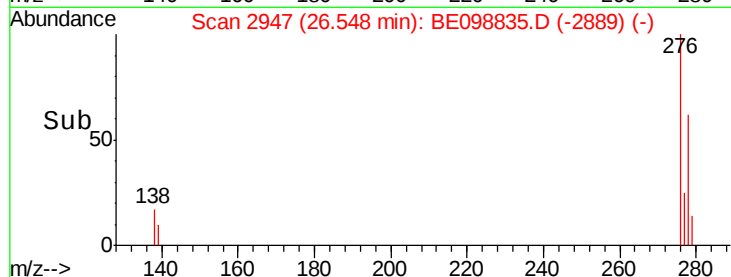
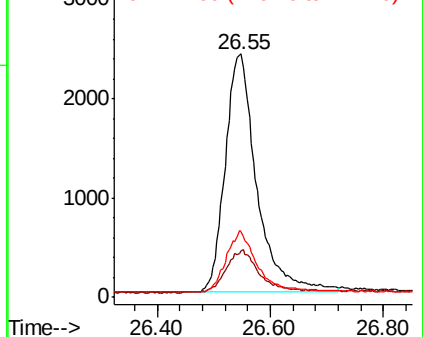
277 23.9 19.5 29.3



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

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

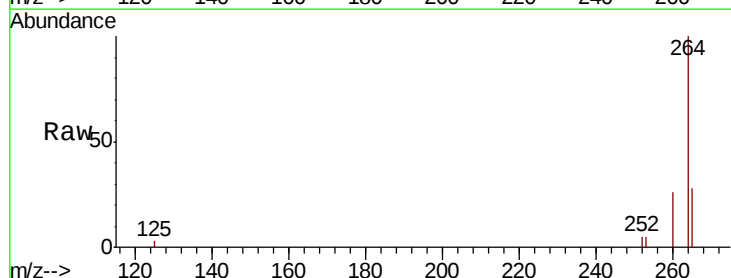
Tgt Ion:264 Resp: 6871

Ion Ratio Lower Upper

264 100

260 25.9 21.2 31.8

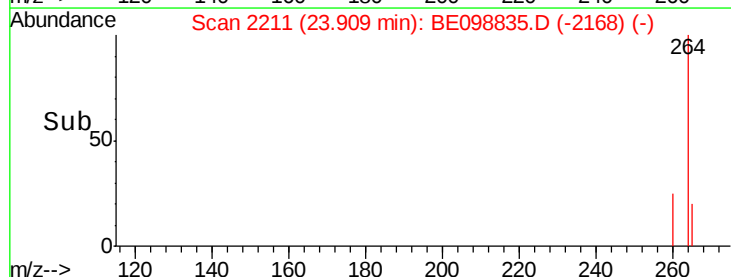
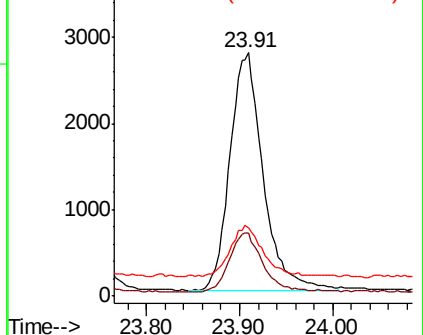
265 27.9 24.6 36.8

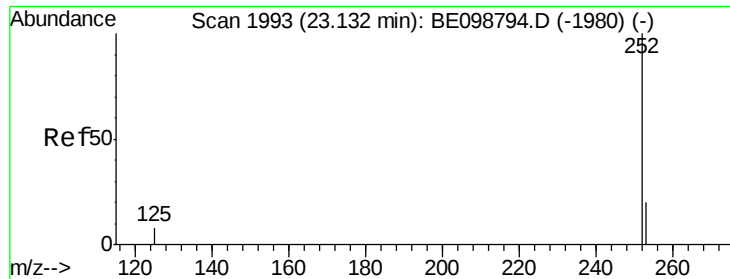


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

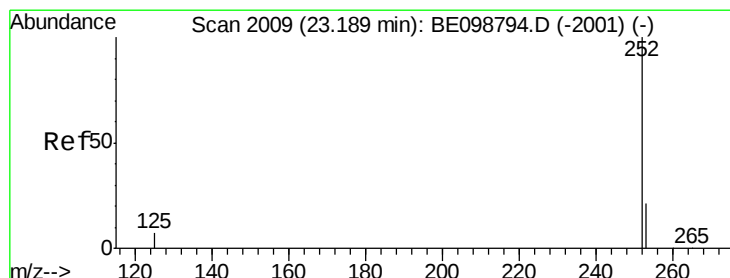
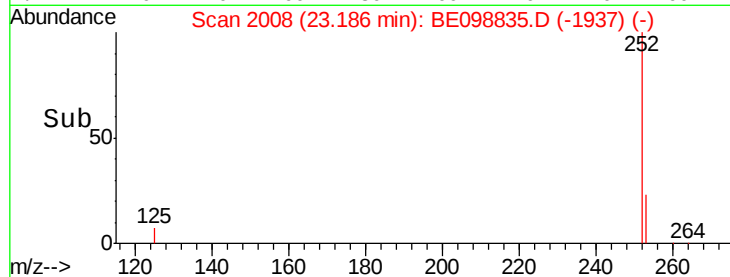
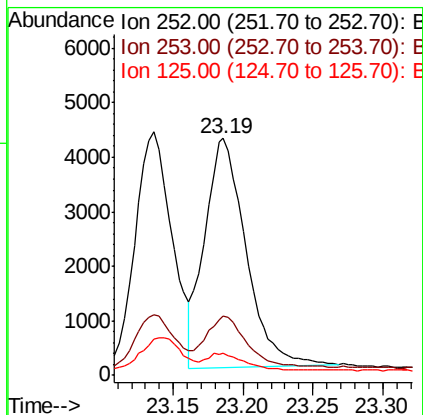
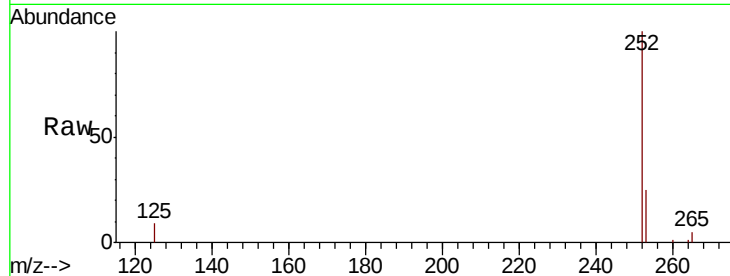




#35
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.05 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

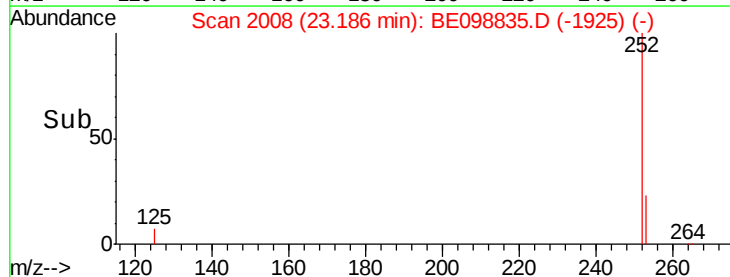
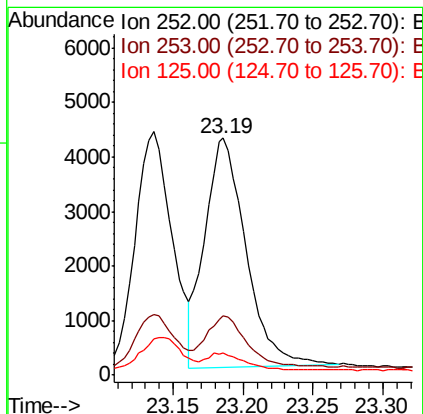
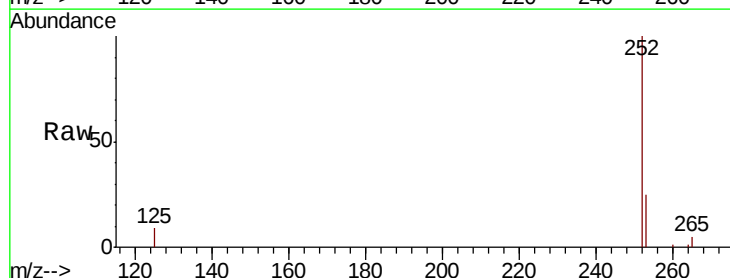
Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tot Ion:252 Resp: 8680
Ion Ratio Lower Upper
252 100
253 25.2 18.2 27.2
125 9.3 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 23.19 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:252 Resp: 8680
Ion Ratio Lower Upper
252 100
253 25.2 19.3 28.9
125 9.3 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.384 ng

RT: 23.79 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

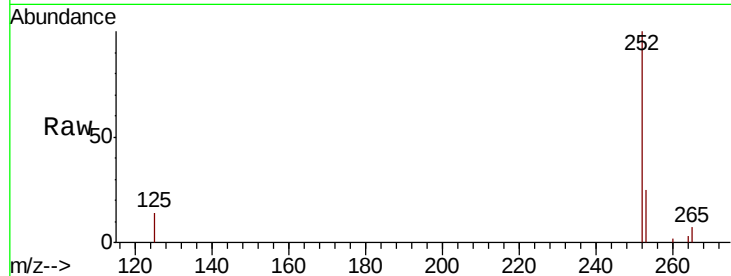
Tot Ion:252 Resp: 8316

Ion Ratio Lower Upper

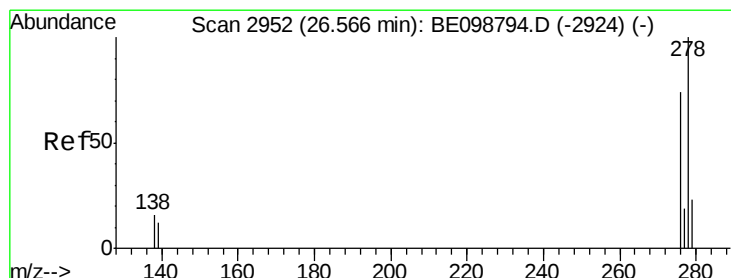
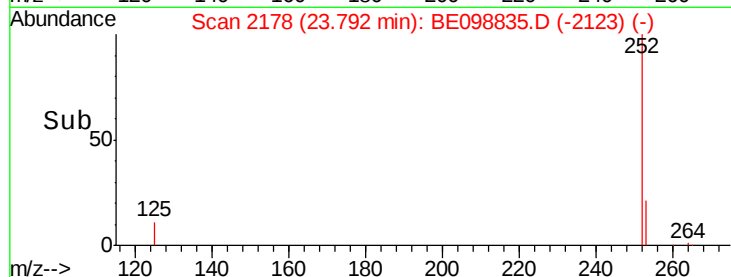
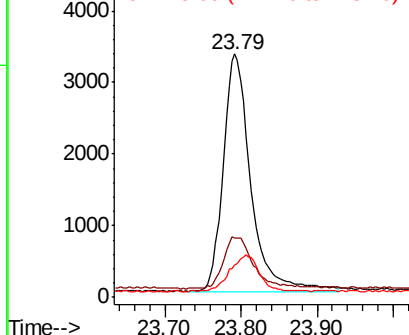
252 100

253 24.5 19.9 29.9

125 13.5 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: 0.362 ng

RT: 26.56 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

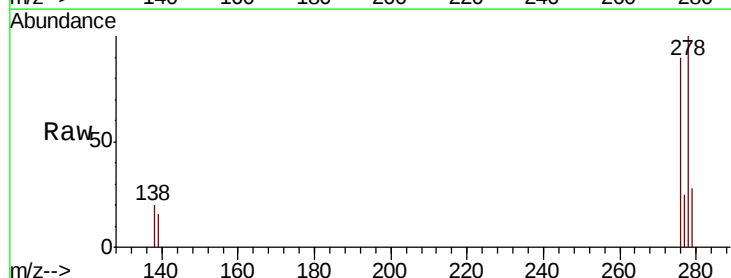
Tgt Ion:278 Resp: 7415

Ion Ratio Lower Upper

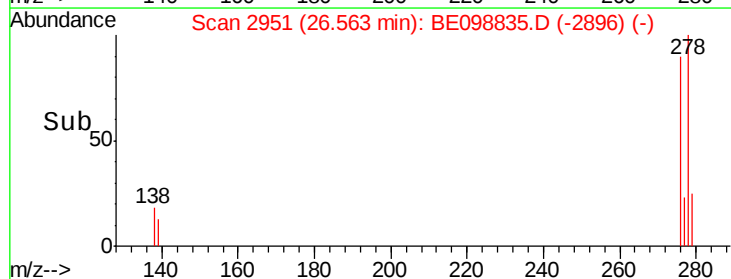
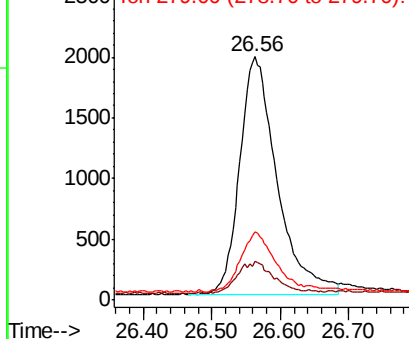
278 100

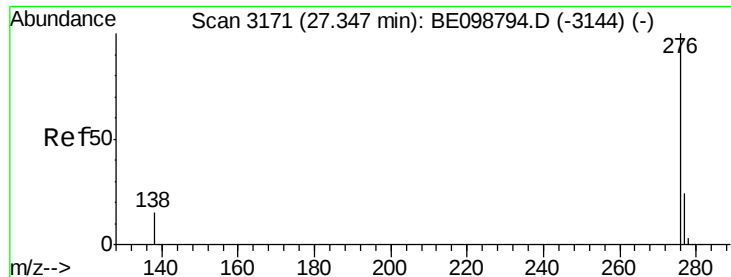
139 16.0 11.8 17.6

279 28.1 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: 0.367 ng

RT: 27.35 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS

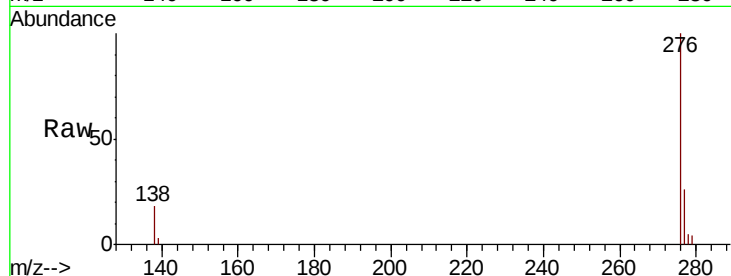
Tot Ion: 276 Resp: 7872

Ion Ratio Lower Upper

276 100

277 25.6 20.4 30.6

138 18.0 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

