

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
 Data File : BE098606.D
 Acq On : 2 Jan 2019 13:58
 Operator : SJ/JU
 Sample : J6590-03DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 02 15:58:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 02 10:30:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1139	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	4817	0.40	ng	0.02
13) Acenaphthene-d10	14.49	164	3176	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	6852	0.40	ng	0.01
27) Chrysene-d12	21.43	240	9187	0.40	ng	0.02
34) Perylene-d12	23.96	264	7732	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	430	0.16	ng	0.03
5) Phenol-d6	7.00	99	806	0.21	ng	0.01
8) Nitrobenzene-d5	8.98	82	839	0.19	ng	0.02
11) 2-Methylnaphthalene-d10	12.22	152	1204	0.15	ng	0.02
14) 2,4,6-Tribromophenol	15.99	330	224	0.19	ng	0.02
15) 2-Fluorobiphenyl	13.10	172	1566	0.12	ng	0.02
25) Fluoranthene-d10	19.27	212	11843	0.13	ng	0.02
29) Terphenyl-d14	19.87	244	2636	0.12	ng	0.02

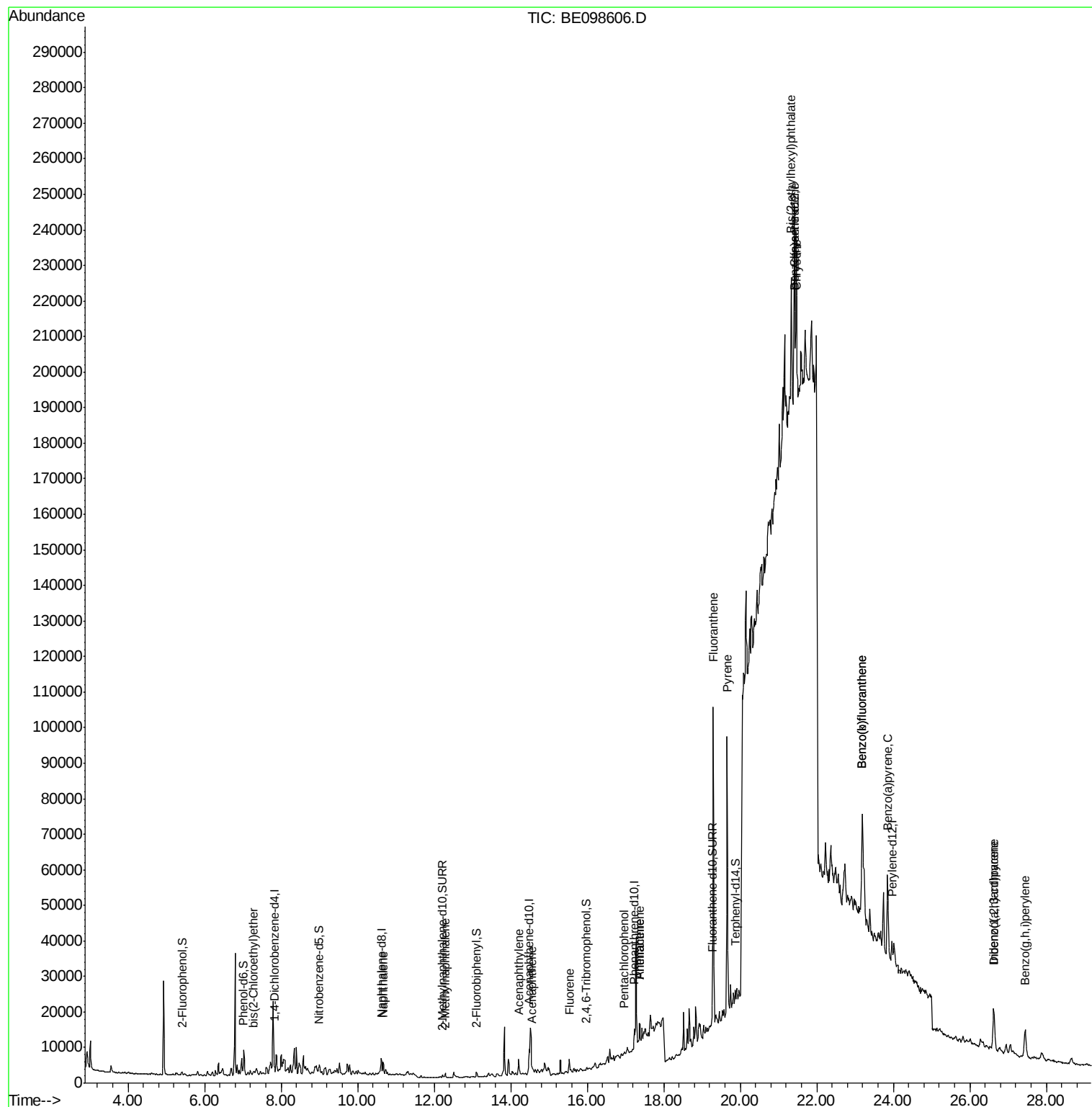
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) bis(2-Chloroethyl)ether	7.28	93	96	0.027	ng	# 1
9) Naphthalene	10.67	128	5879	0.121	ng	# 93
12) 2-Methylnaphthalene	12.30	142	883	0.112	ng	# 91
16) Acenaphthylene	14.21	152	4665	0.314	ng	96
17) Acenaphthene	14.56	154	884	0.099	ng	93
18) Fluorene	15.53	166	2677	0.224	ng	# 88
22) Pentachlorophenol	16.95	266	120	0.207	ng	# 75
23) Phenanthrene	17.37	178	7670	0.461	ng	98
24) Anthracene	17.37	178	7365	0.496	ng	98
26) Fluoranthene	19.30	202	82963	3.766	ng	# 97
28) Pyrene	19.66	202	73183	2.539	ng	# 92
30) Benzo(a)anthracene	21.41	228	49337	1.886	ng	# 84
31) Chrysene	21.46	228	40384	1.474	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.33	149	62937	1.185	ng	# 95
33) Indeno(1,2,3-cd)pyrene	26.62	276	22511	0.826	ng	# 91
35) Benzo(b)fluoranthene	23.19	252	54085	2.558	ng	# 1
36) Benzo(k)fluoranthene	23.19	252	54083	2.196	ng	# 1
37) Benzo(a)pyrene	23.85	252	36524	1.674	ng	# 1
38) Dibenzo(a,h)anthracene	26.64	278	5877	0.286	ng	# 1
39) Benzo(g,h,i)perylene	27.44	276	20675	0.998	ng	# 72

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

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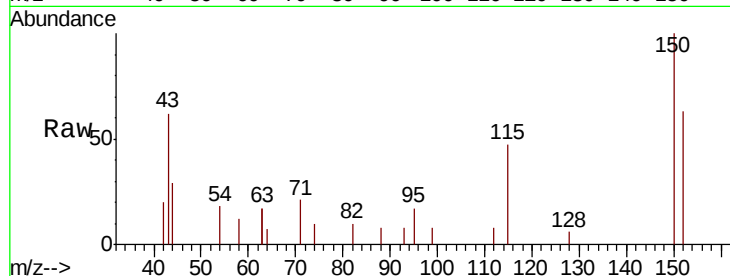


#1

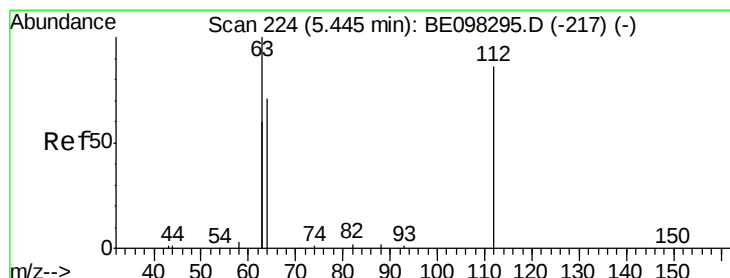
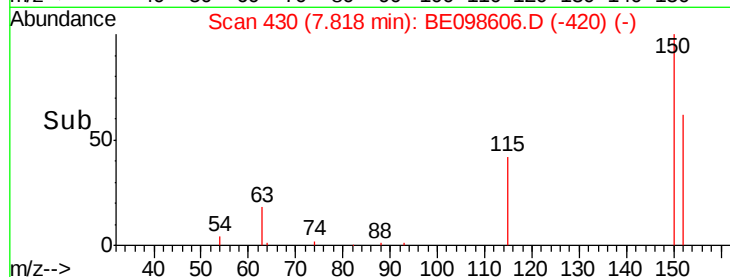
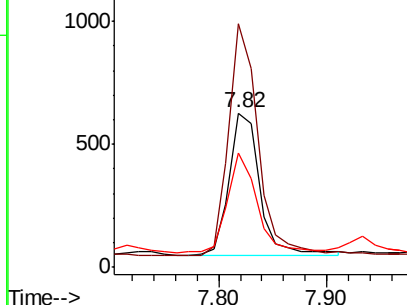
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.01 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1139
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.4
115 74.2 53.9 80.9



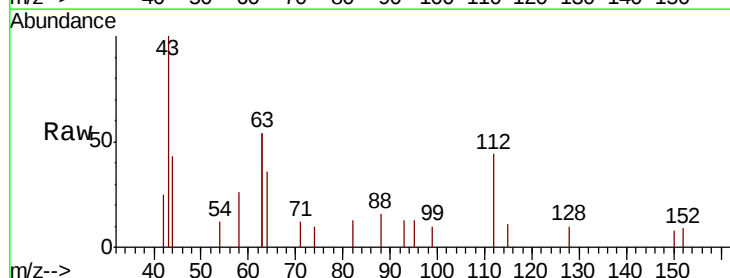
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



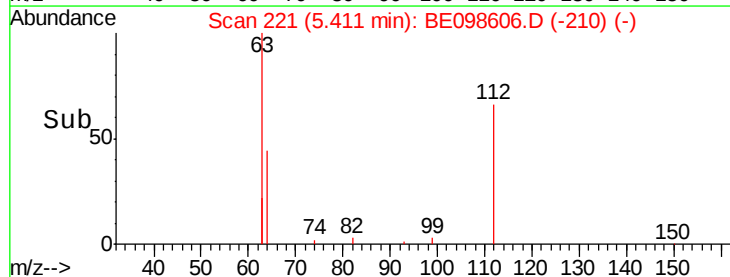
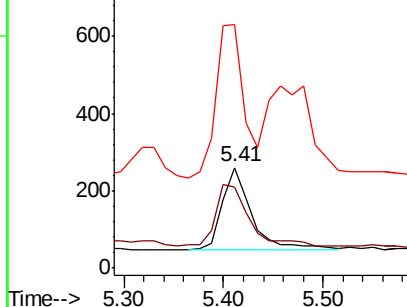
#4

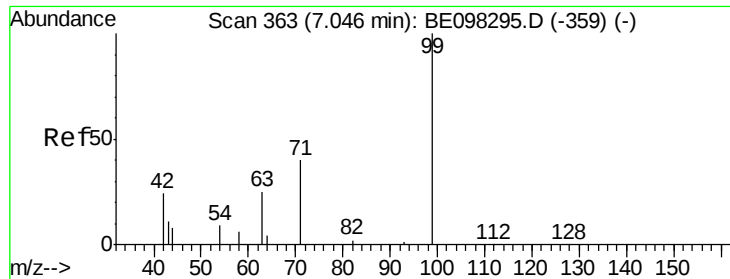
2-Fluorophenol
Concen: 0.161 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.03 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:112 Resp: 430
Ion Ratio Lower Upper
112 100
64 87.7 59.8 89.8
63 182.6 133.7 200.5



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: 0.213 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

Instrument :

BNA_E

ClientSampled :

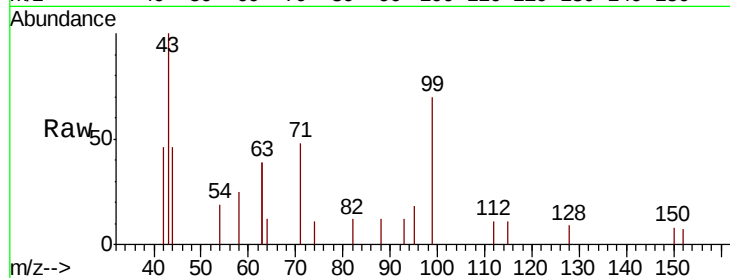
Tot Ion: 99 Resp: 806

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

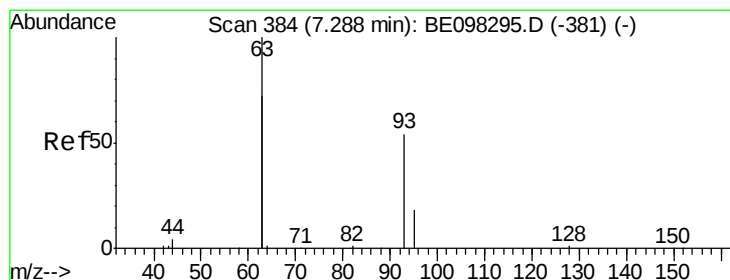
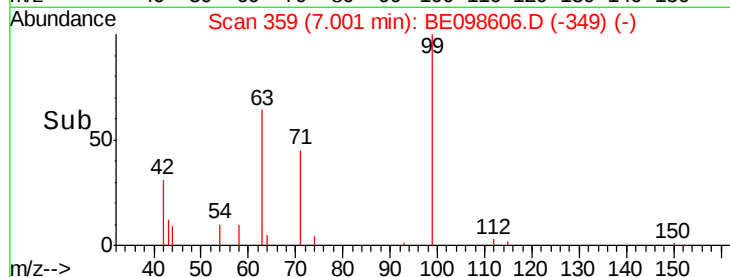
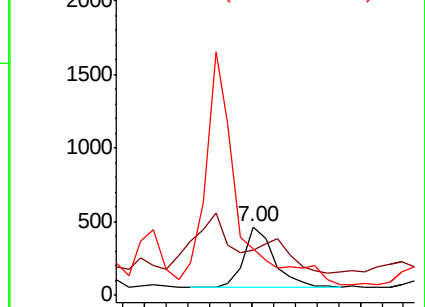
71 0.0 33.6 50.4#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.027 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.05 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

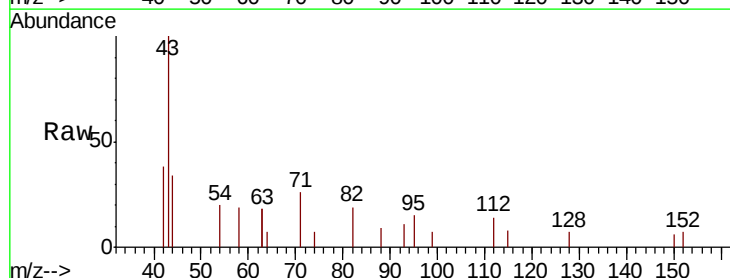
Tgt Ion: 93 Resp: 96

Ion Ratio Lower Upper

93 100

63 105.2 264.4 396.6#

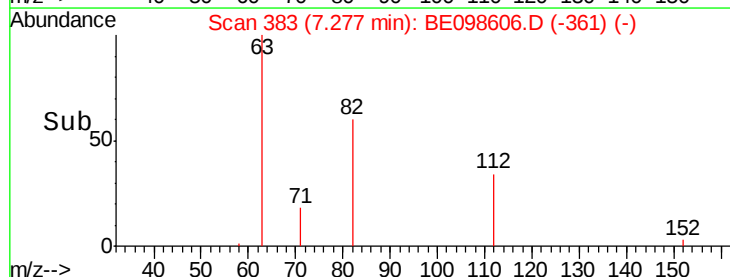
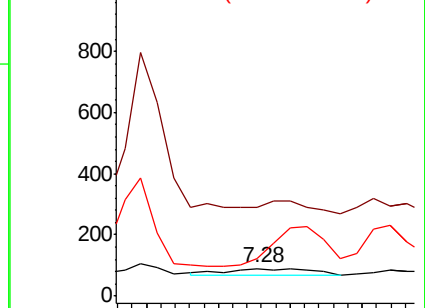
95 0.0 26.6 40.0#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.02 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4817

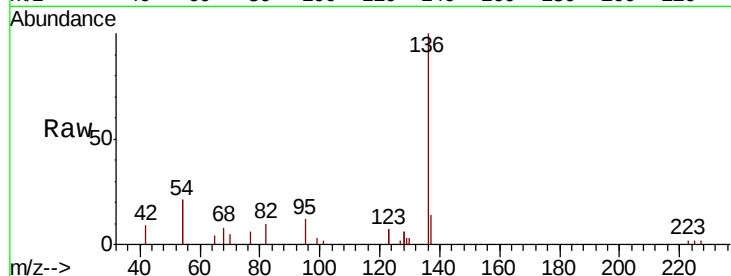
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 41.1 28.4 42.6

68 8.0 5.4 8.0

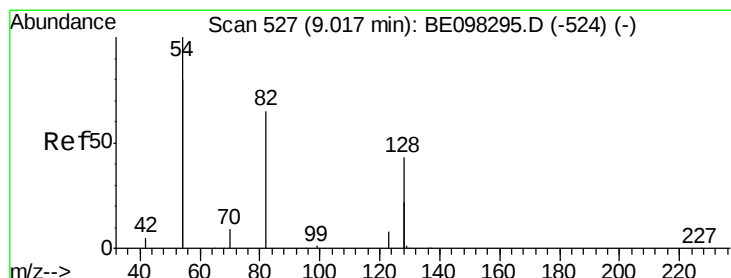
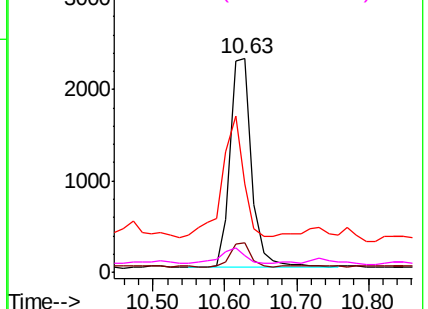
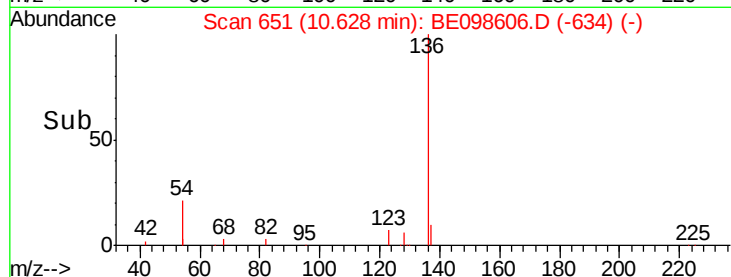


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.191 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.02 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

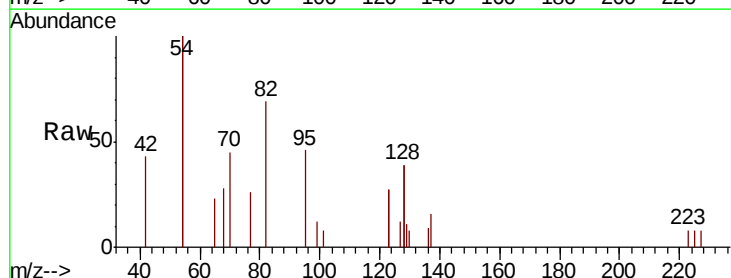
Tgt Ion: 82 Resp: 839

Ion Ratio Lower Upper

82 100

128 114.3 102.4 153.6

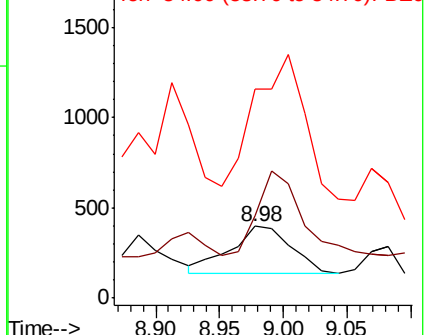
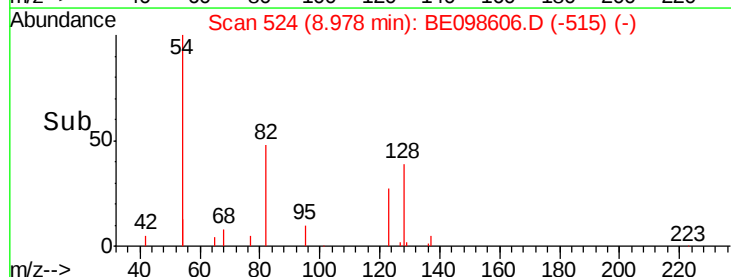
54 289.7 221.8 332.8

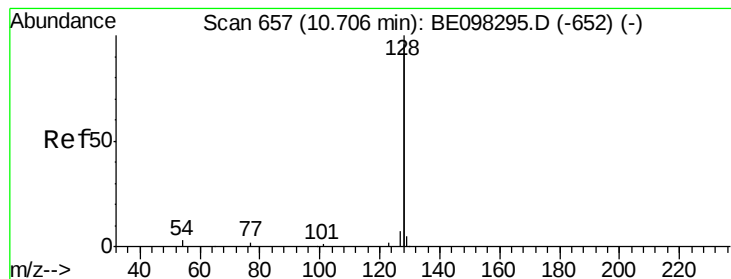


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.121 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.02 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

Instrument :

BNA_E

ClientSampleId :

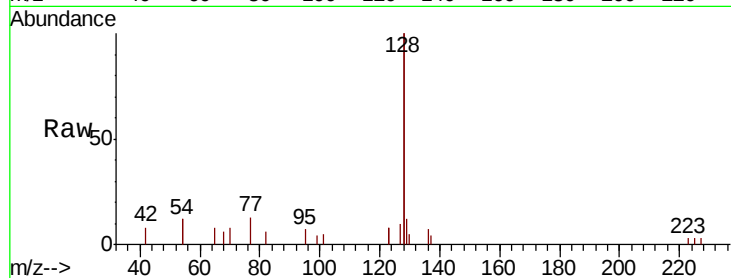
Tot Ion:128 Resp: 5879

Ion Ratio Lower Upper

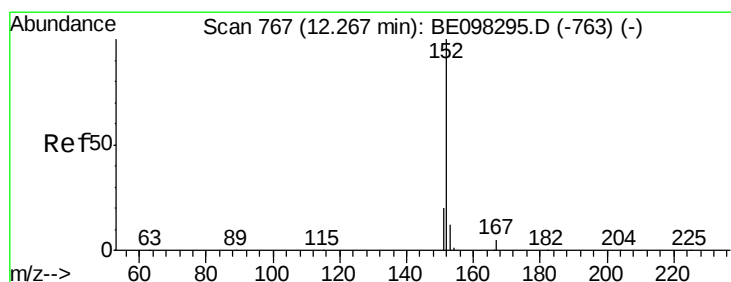
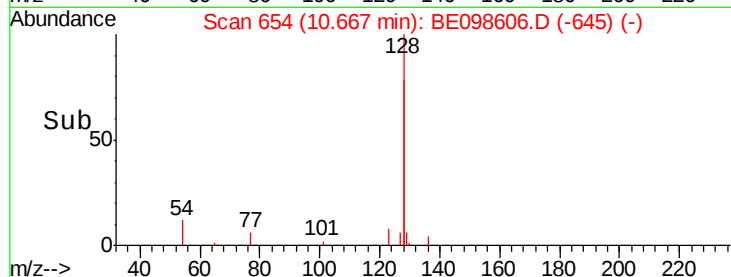
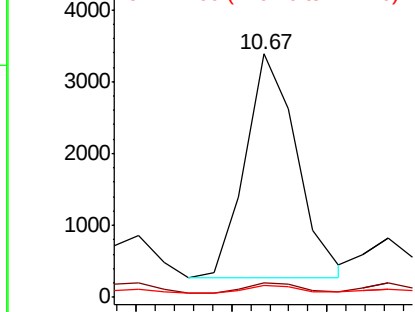
128 100

129 5.8 2.5 3.7#

127 5.1 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.154 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE098606.D

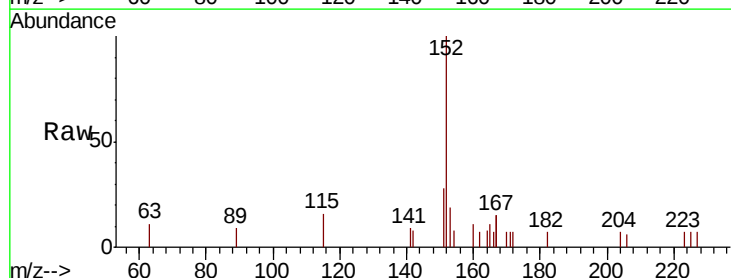
Acq: 2 Jan 2019 13:58

Tgt Ion:152 Resp: 1204

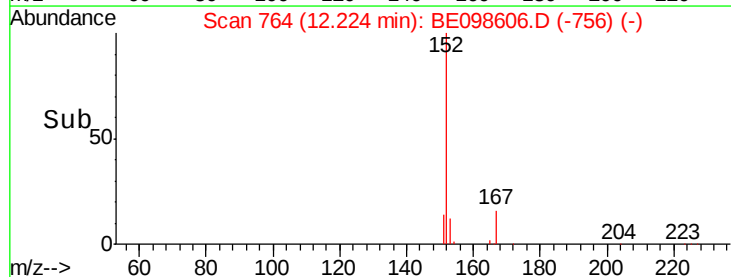
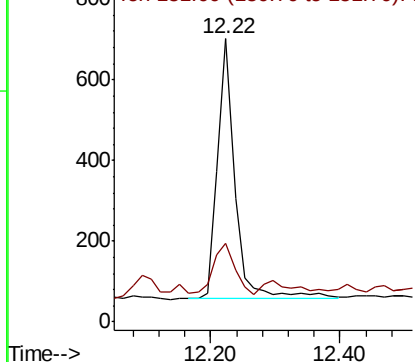
Ion Ratio Lower Upper

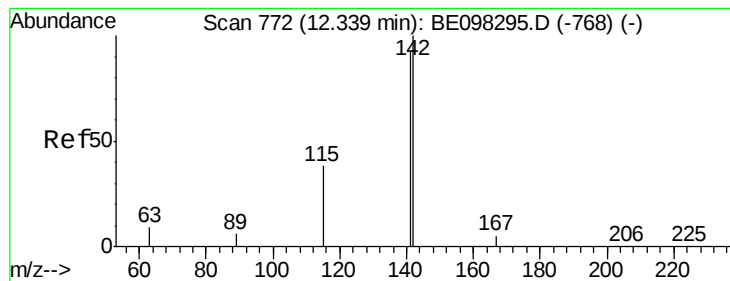
152 100

151 23.7 16.2 24.4



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





#12

2-Methylnaphthalene

Concen: 0.112 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.02 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

Instrument :

BNA_E

ClientSampleId :

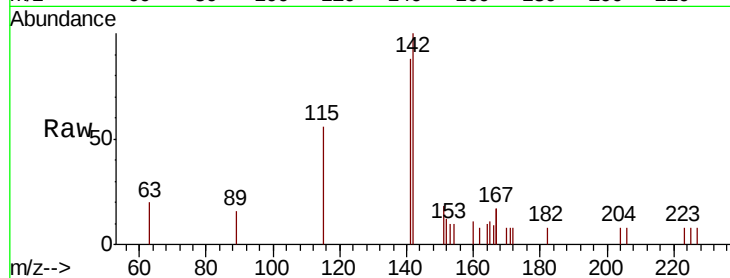
Tot Ion:142 Resp: 883

Ion Ratio Lower Upper

142 100

141 88.1 71.0 106.6

115 56.2 32.2 48.2#

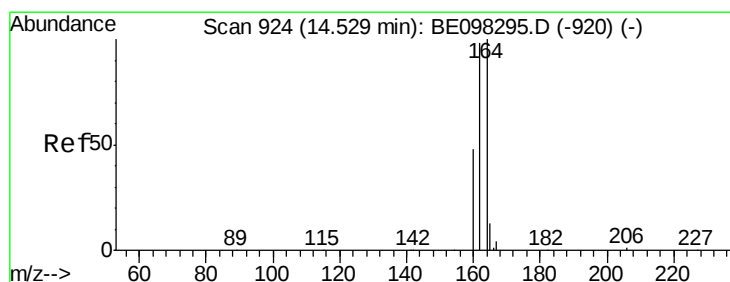
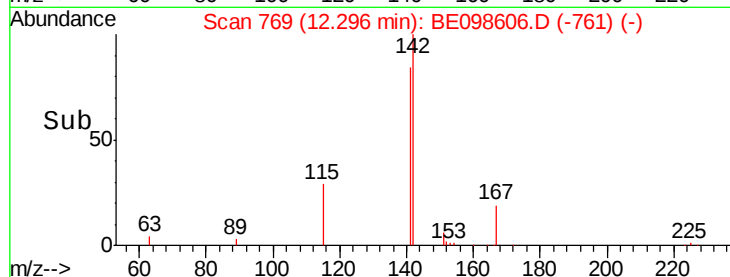
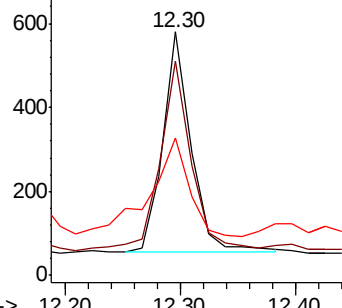


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.02 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

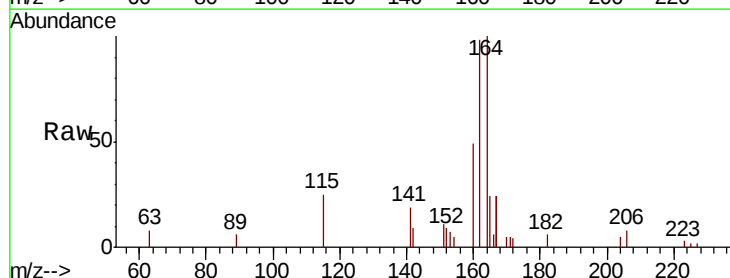
Tgt Ion:164 Resp: 3176

Ion Ratio Lower Upper

164 100

162 98.1 77.6 116.4

160 48.8 36.0 54.0

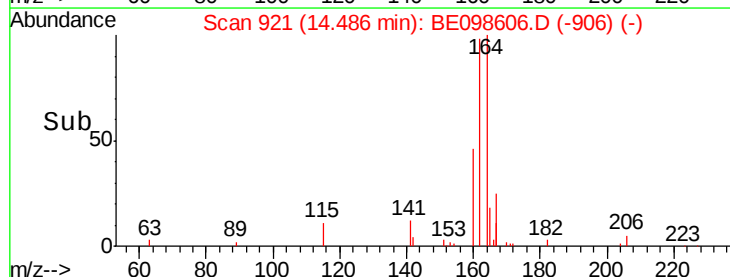
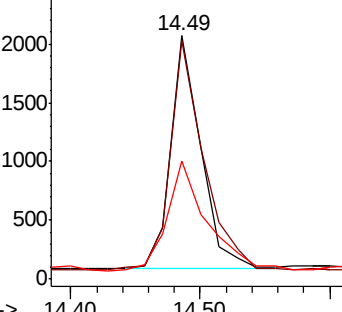


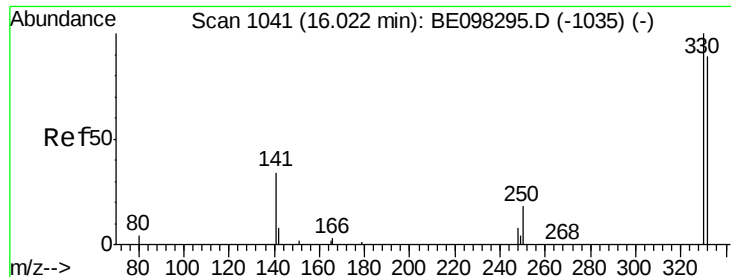
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

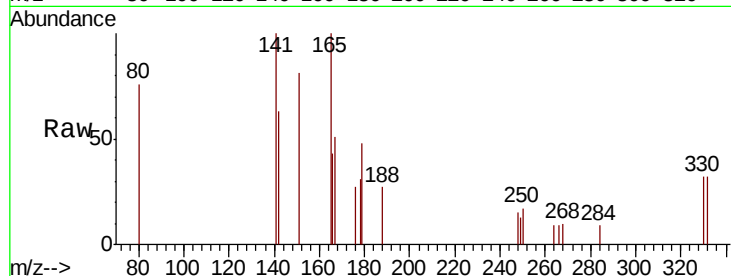




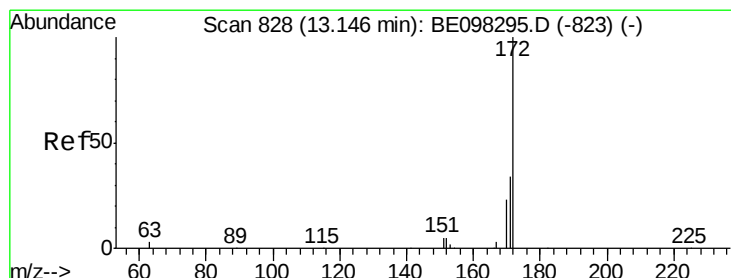
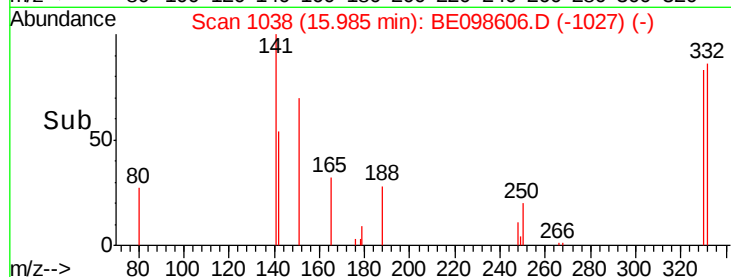
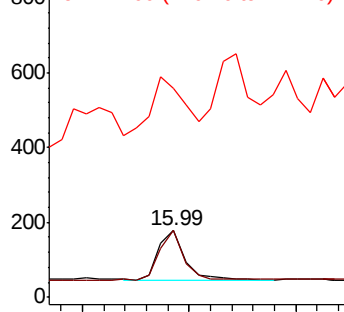
#14
 2,4,6-Tribromophenol
 Concen: 0.192 ng
 RT: 15.99 min Scan# 1038
 Delta R.T. 0.02 min
 Lab File: BE098606.D
 Acq: 2 Jan 2019 13:58

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 224
 Ion Ratio Lower Upper
 330 100
 332 101.3 76.2 114.4
 141 146.9 39.0 58.4#

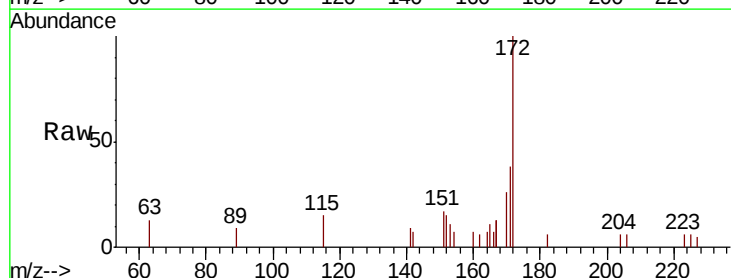


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

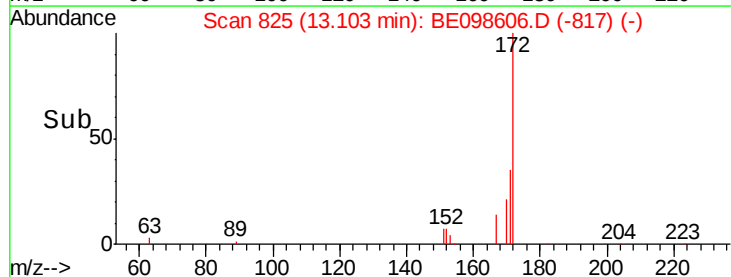
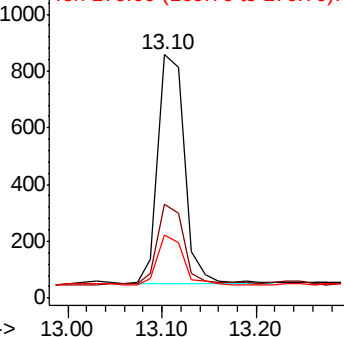


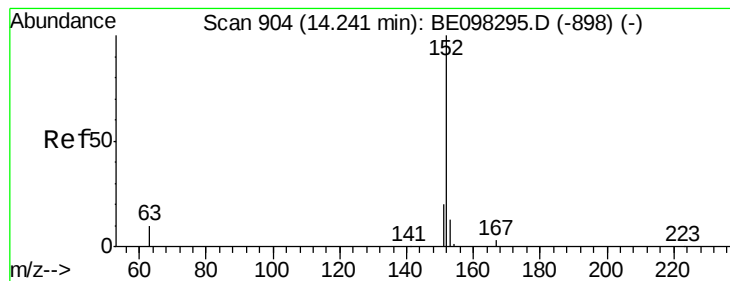
#15
 2-Fluorobiphenyl
 Concen: 0.117 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.02 min
 Lab File: BE098606.D
 Acq: 2 Jan 2019 13:58

Tgt Ion:172 Resp: 1566
 Ion Ratio Lower Upper
 172 100
 171 38.3 27.5 41.3
 170 25.6 19.6 29.4



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: 0.314 ng

RT: 14.21 min Scan# 902

Delta R.T. 0.03 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

Instrument :

BNA_E

ClientSampleId :

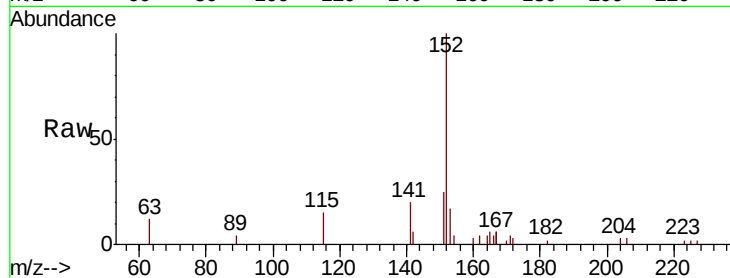
Tot Ion:152 Resp: 4665

Ion Ratio Lower Upper

152 100

151 21.2 15.5 23.3

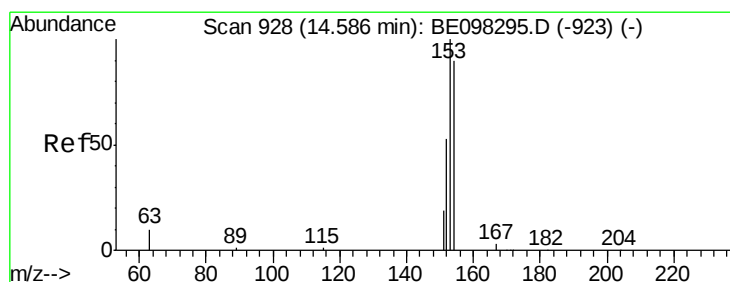
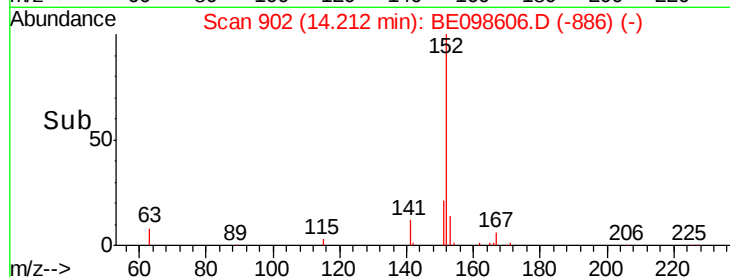
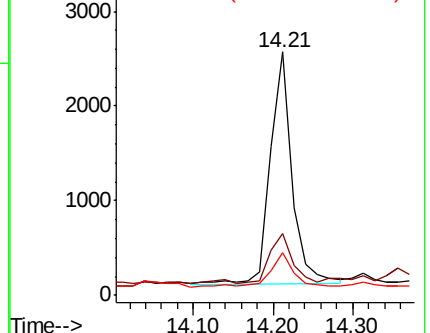
153 14.4 10.6 16.0



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: 0.099 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.03 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

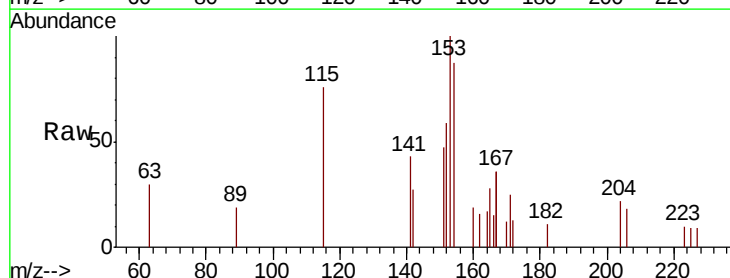
Tgt Ion:154 Resp: 884

Ion Ratio Lower Upper

154 100

153 118.8 91.8 137.6

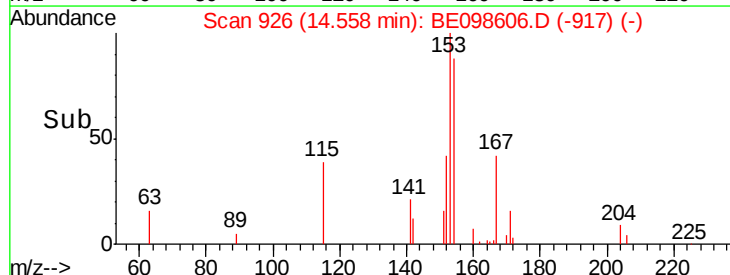
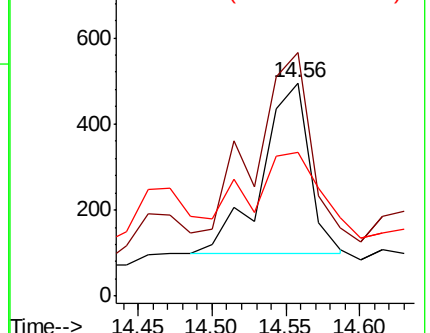
152 47.3 45.5 68.3

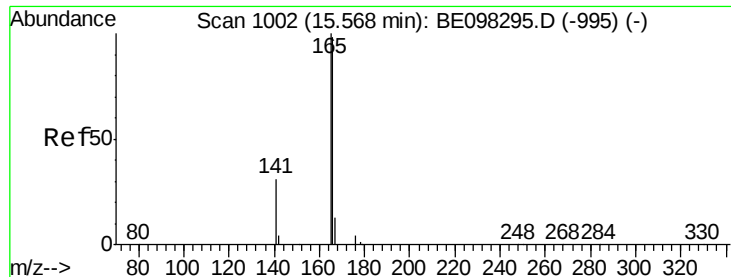


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

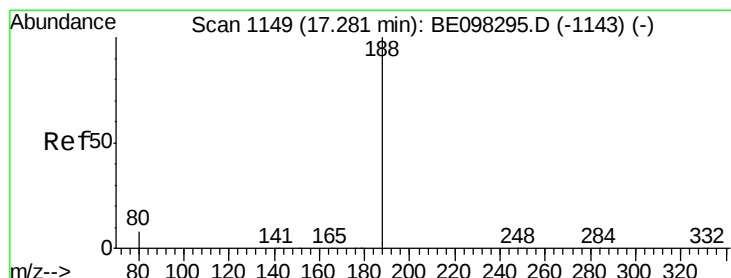
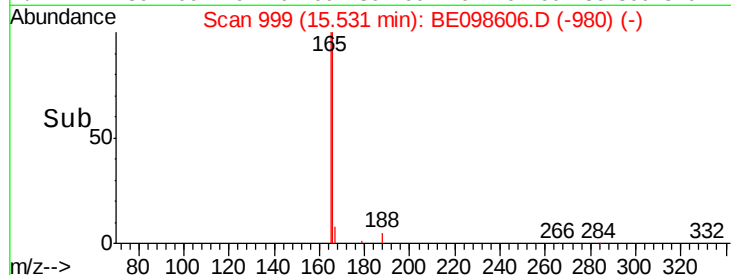
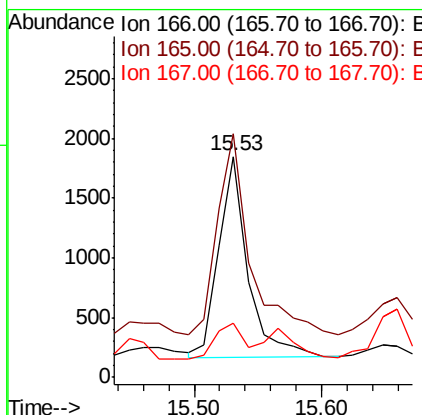
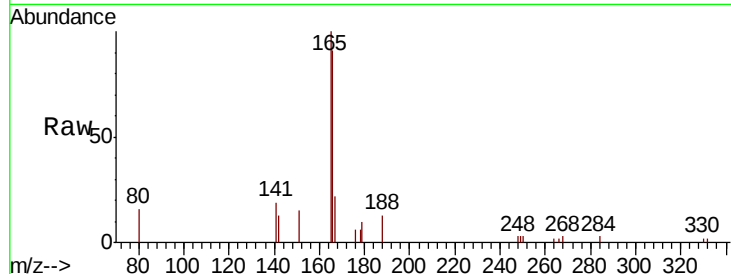




#18
 Fluorene
 Concen: 0.224 ng
 RT: 15.53 min Scan# 999
 Delta R.T. 0.02 min
 Lab File: BE098606.D
 Acq: 2 Jan 2019 13:58

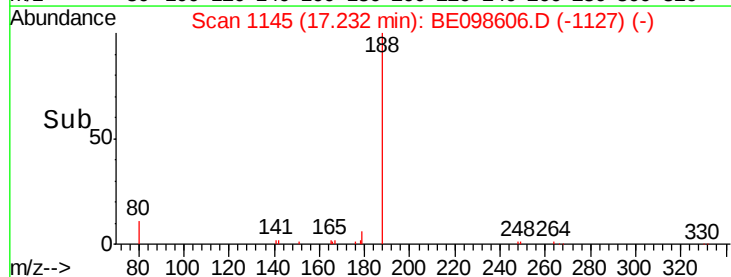
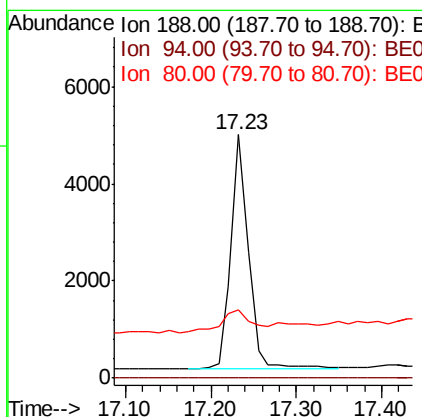
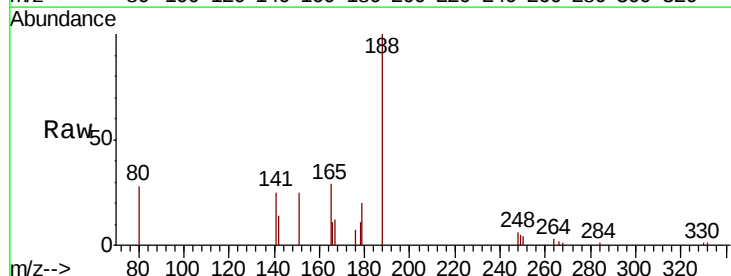
Instrument :
 BNA_E
 ClientSampled :

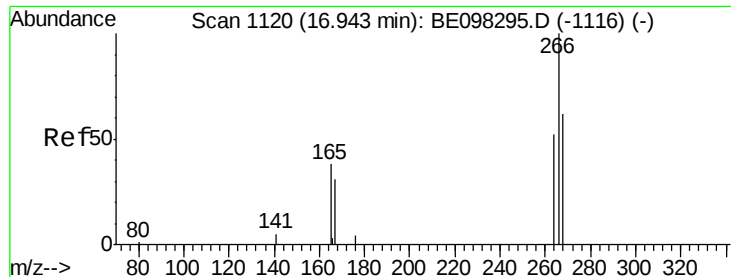
Tot Ion:166 Resp: 2677
 Ion Ratio Lower Upper
 166 100
 165 111.1 79.3 118.9
 167 17.7 11.3 16.9#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: BE098606.D
 Acq: 2 Jan 2019 13:58

Tgt Ion:188 Resp: 6852
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 27.8 7.2 10.8#





#22

Pentachlorophenol

Concen: 0.207 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.07 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

Instrument :

BNA_E

ClientSampled :

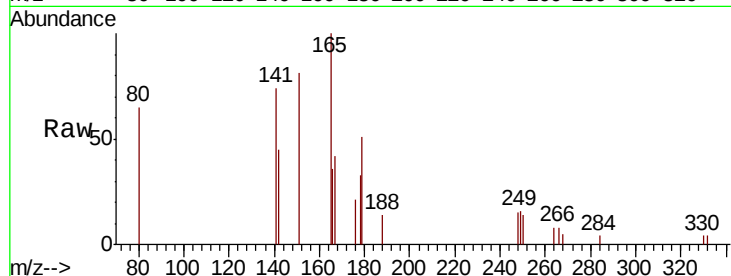
Tot Ion:266 Resp: 120

Ion Ratio Lower Upper

266 100

264 109.0 59.0 88.4#

268 64.0 55.1 82.7



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

200

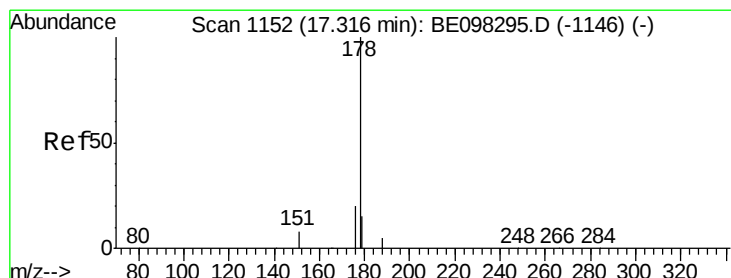
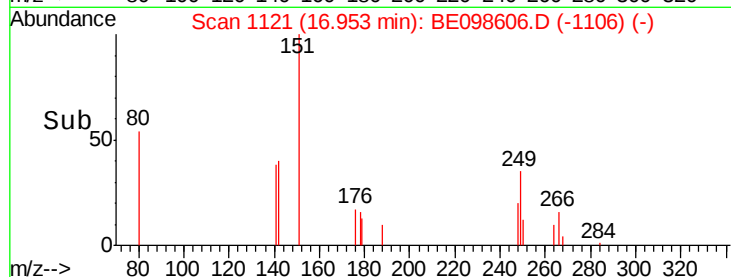
150

100

50

0

Time--> 16.80 16.90 17.00



#23

Phenanthrene

Concen: 0.461 ng

RT: 17.37 min Scan# 1157

Delta R.T. 0.12 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

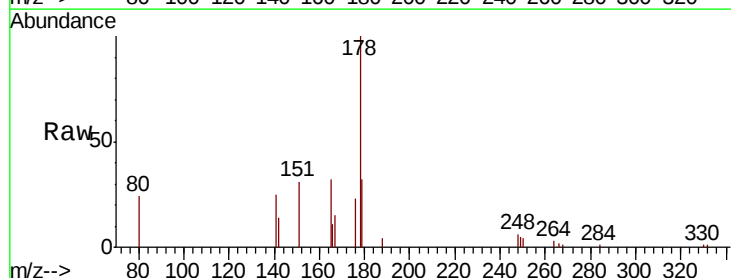
Tgt Ion:178 Resp: 7670

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

179 15.8 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

30000

25000

20000

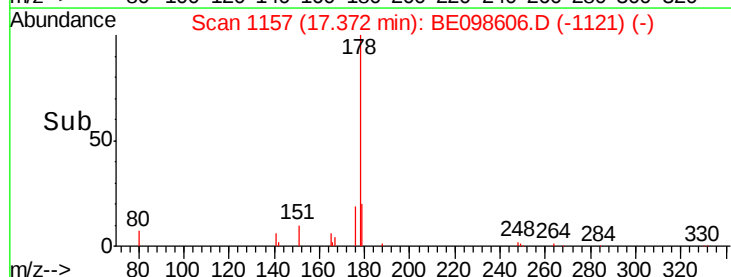
15000

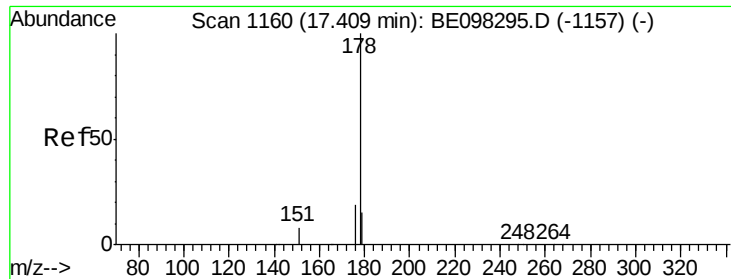
10000

5000

0

Time--> 17.30 17.35 17.40





#24

Anthracene

Concen: 0.496 ng

RT: 17.37 min Scan# 1157

Delta R.T. 0.02 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

Instrument :

BNA_E

ClientSampled :

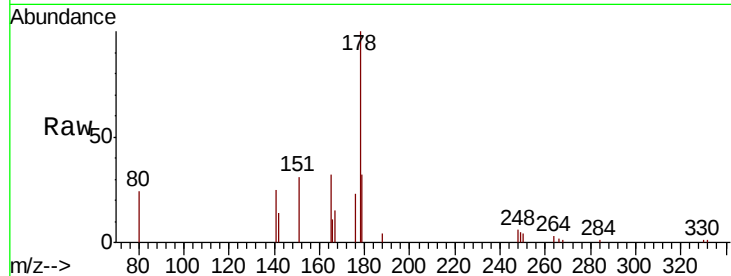
Tot Ion:178 Resp: 7365

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

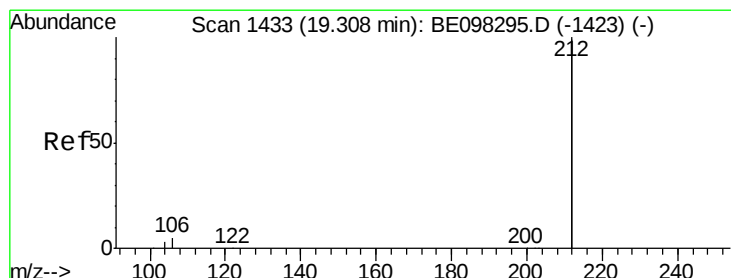
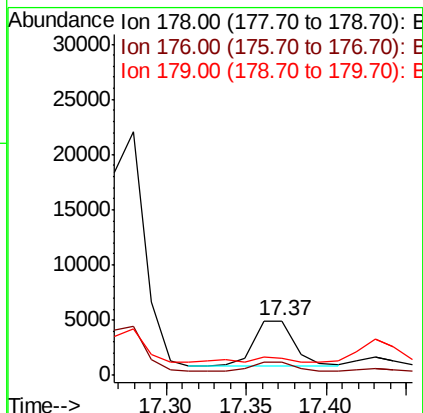
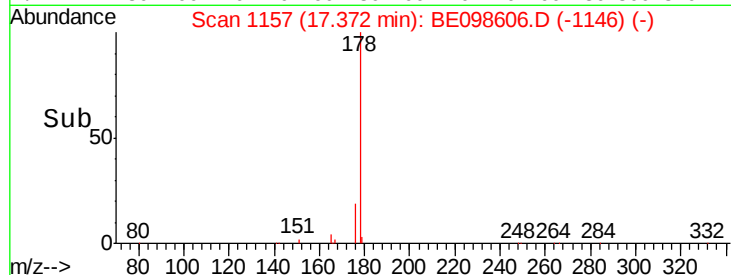
179 13.6 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.135 ng

RT: 19.27 min Scan# 1426

Delta R.T. 0.02 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

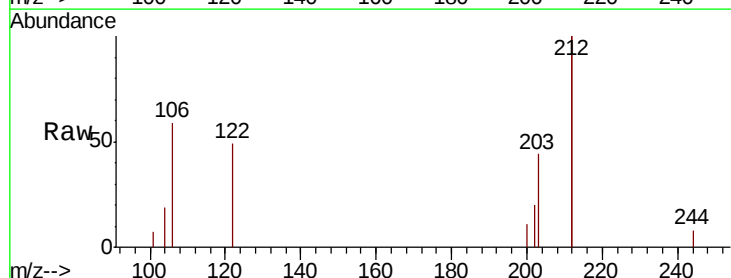
Tgt Ion:212 Resp: 11843

Ion Ratio Lower Upper

212 100

106 5.1 2.2 3.2#

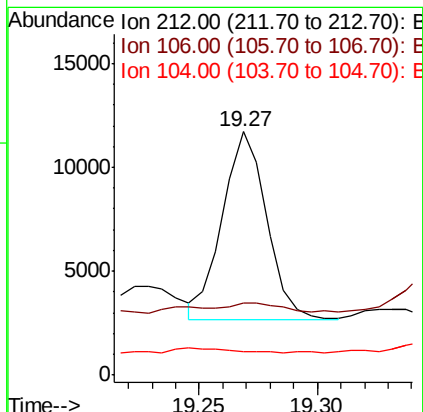
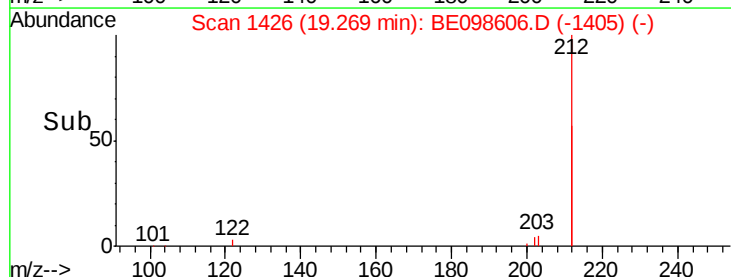
104 0.0 1.3 1.9#

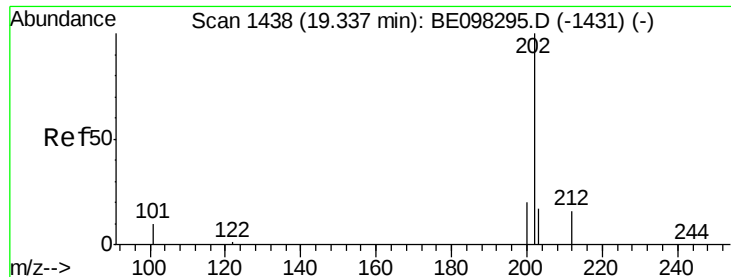


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

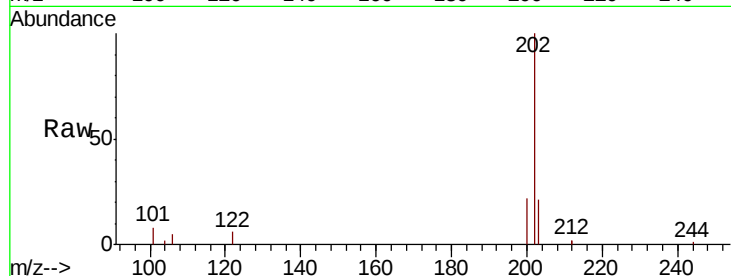




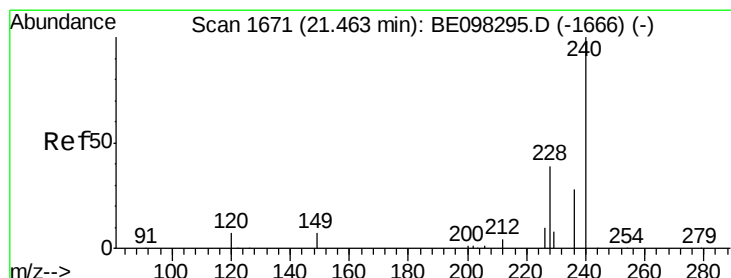
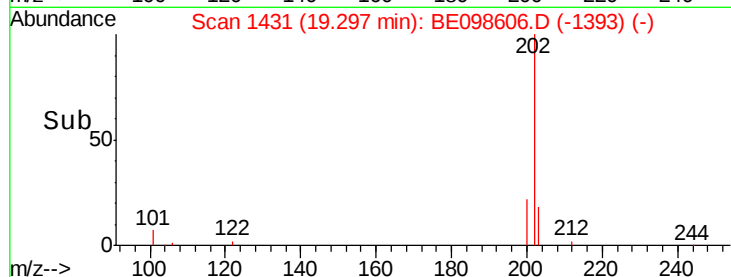
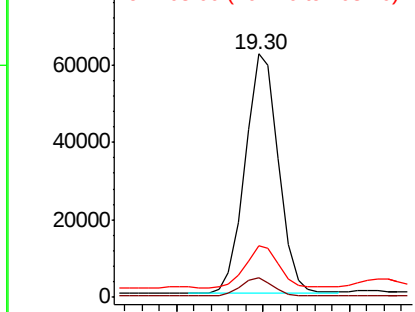
#26
Fluoranthene
Concen: 3.766 ng
RT: 19.30 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 82963
Ion Ratio Lower Upper
202 100
101 7.2 8.0 12.0#
203 17.1 13.8 20.6

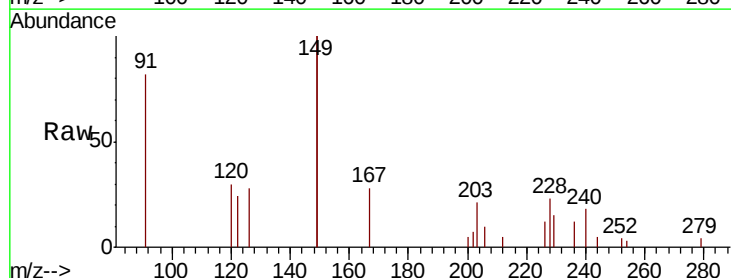


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

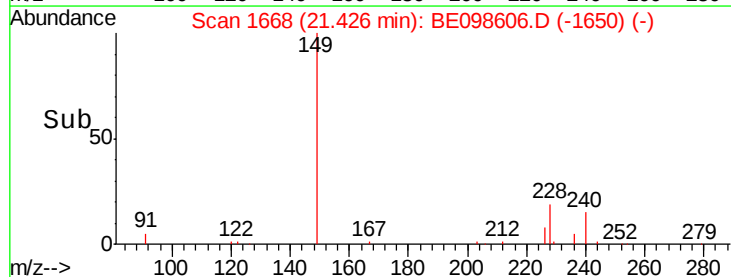
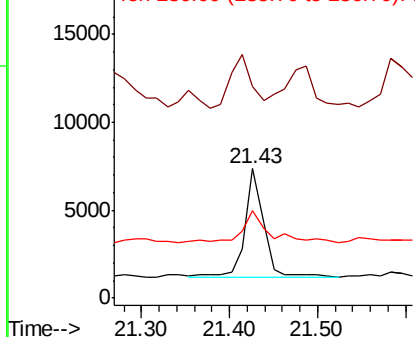


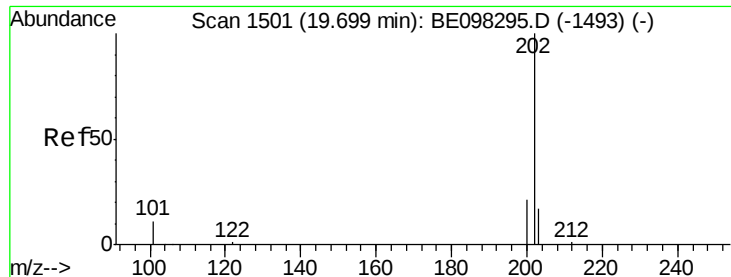
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1668
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:240 Resp: 9187
Ion Ratio Lower Upper
240 100
120 164.0 9.5 14.3#
236 67.9 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

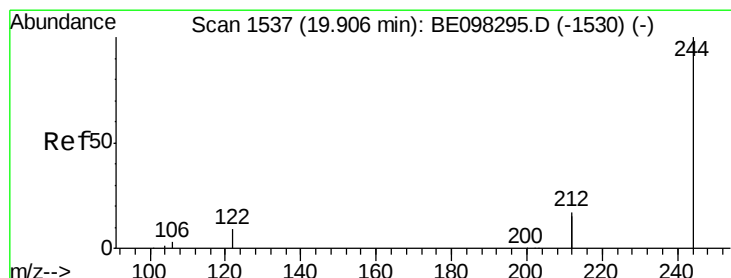
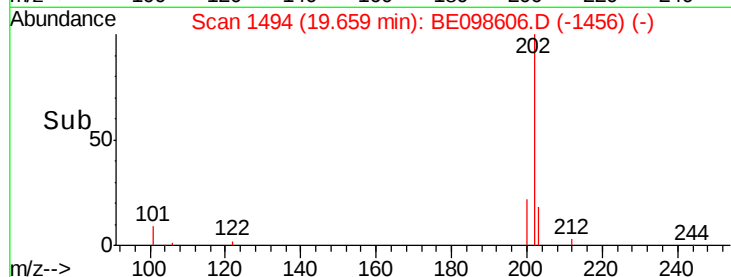
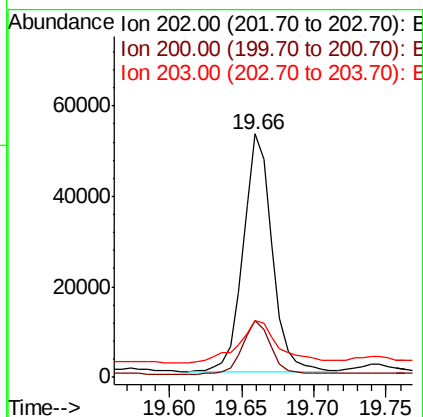
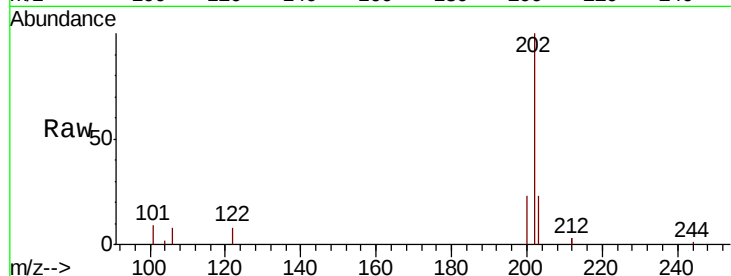




#28
Pvrene
Concen: 2.539 ng
RT: 19.66 min Scan# 1494
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

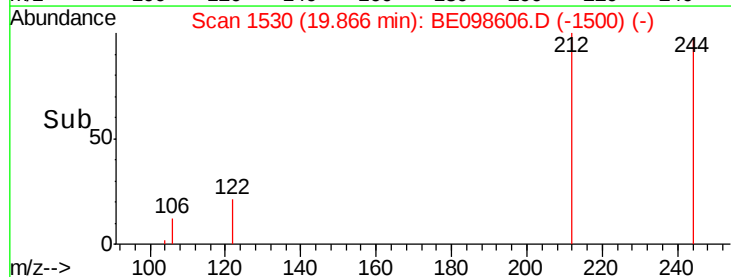
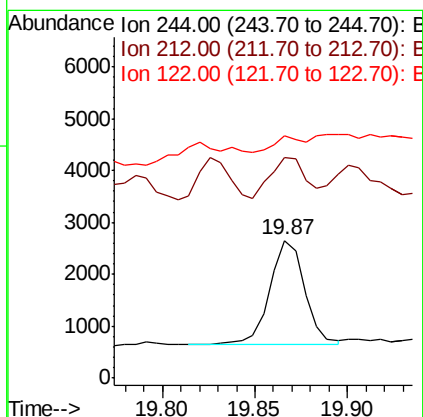
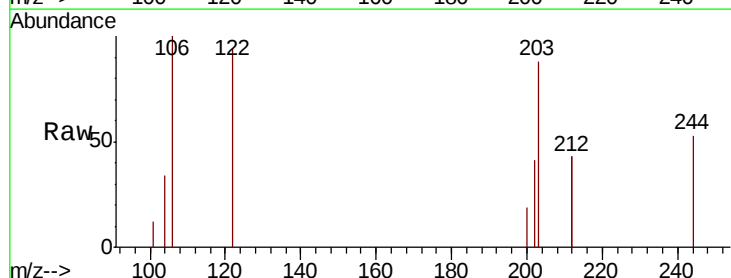
Instrument :
BNA_E
ClientSampleId :

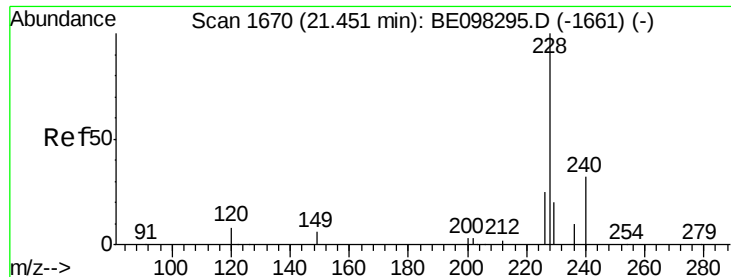
Tot Ion:202 Resp: 73183
Ion Ratio Lower Upper
202 100
200 22.0 16.7 25.1
203 23.8 14.1 21.1#



#29
Terphenyl-d14
Concen: 0.118 ng
RT: 19.87 min Scan# 1530
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:244 Resp: 2636
Ion Ratio Lower Upper
244 100
212 160.6 27.4 41.0#
122 175.7 8.3 12.5#





#30

Benzo(a)anthracene

Concen: 1.886 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.02 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

Instrument :

BNA_E

ClientSampleId :

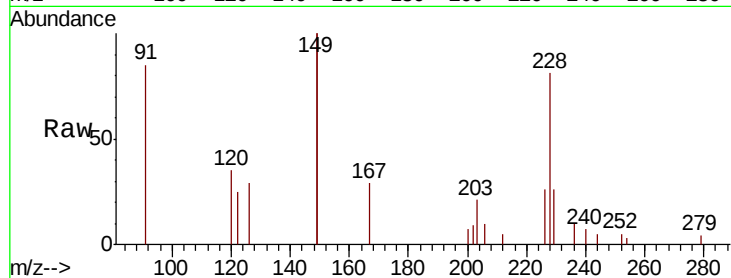
Tot Ion:228 Resp: 49337

Ion Ratio Lower Upper

228 100

226 32.2 21.8 32.8

229 32.2 16.3 24.5#

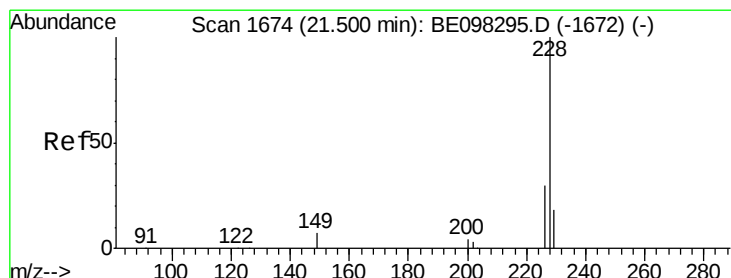
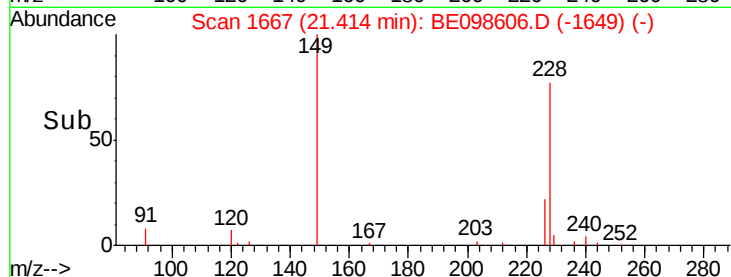
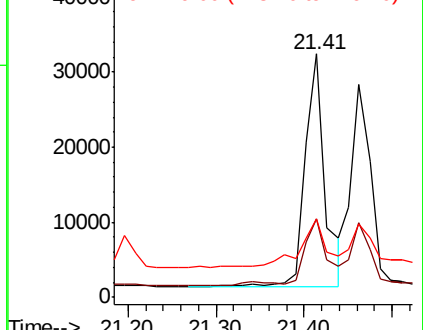


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 1.474 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.02 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

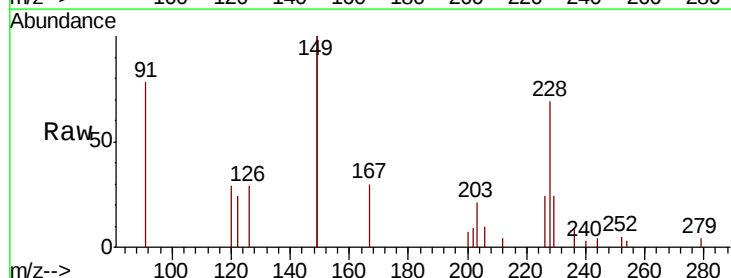
Tgt Ion:228 Resp: 40384

Ion Ratio Lower Upper

228 100

226 35.1 23.4 35.0#

229 34.5 16.2 24.4#

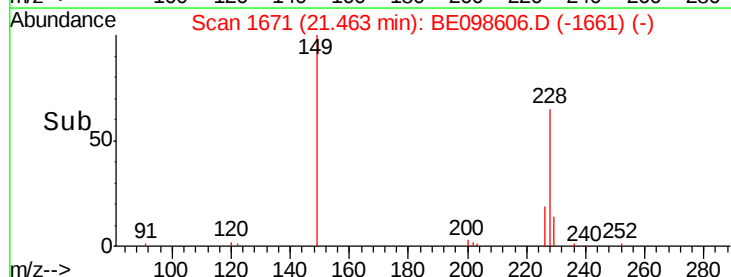
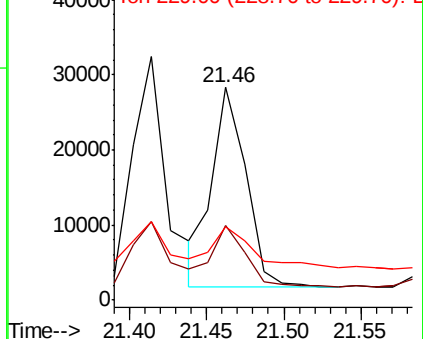


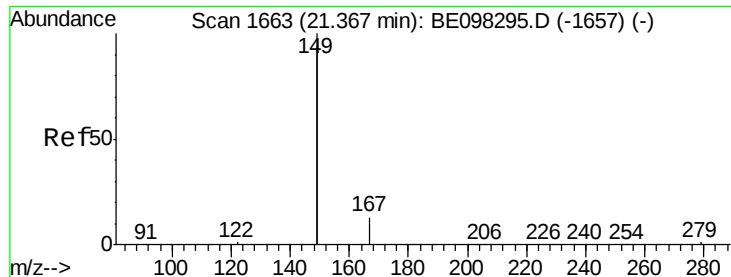
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.185 ng

RT: 21.33 min Scan# 1660

Delta R.T. 0.02 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

Instrument :

BNA_E

ClientSampleId :

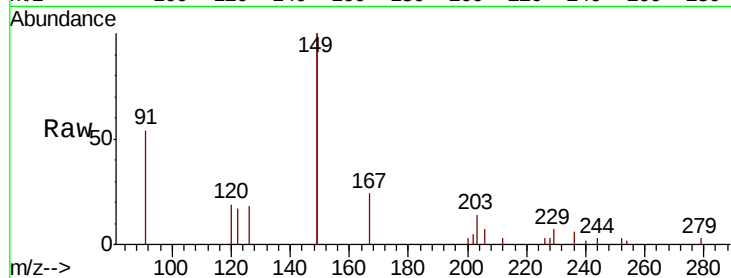
Tot Ion:149 Resp: 62937

Ion Ratio Lower Upper

149 100

167 9.3 5.7 8.5#

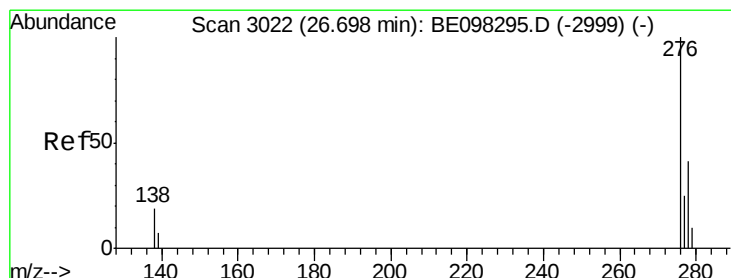
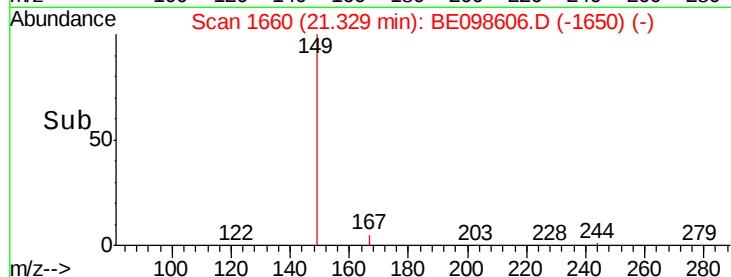
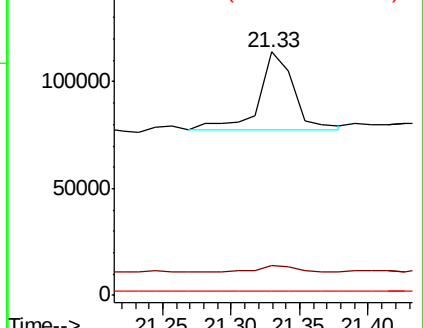
279 1.4 1.0 1.4



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: 0.826 ng

RT: 26.62 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

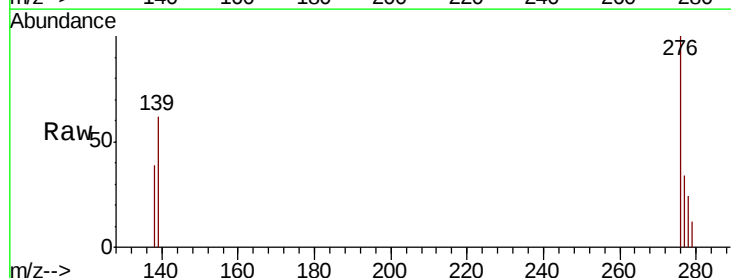
Tgt Ion:276 Resp: 22511

Ion Ratio Lower Upper

276 100

138 12.5 16.3 24.5#

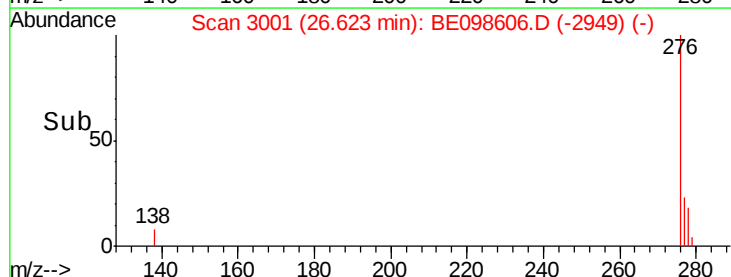
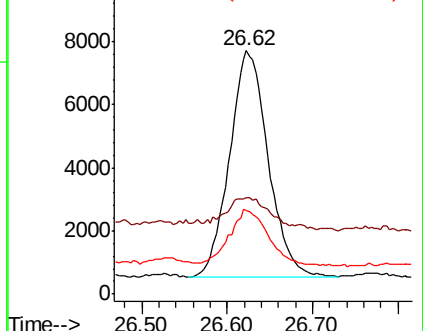
277 24.2 20.2 30.4

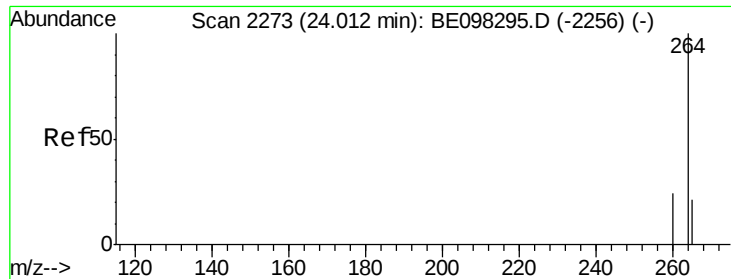


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

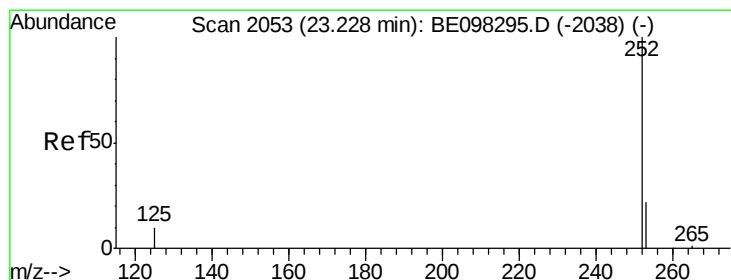
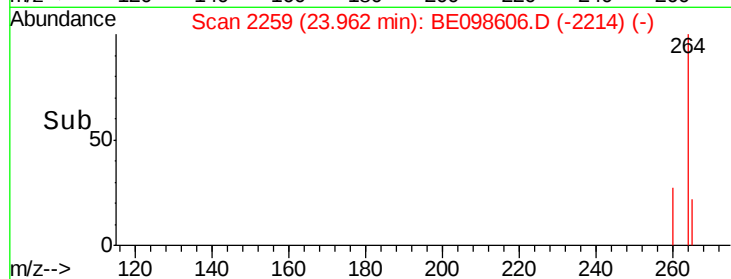
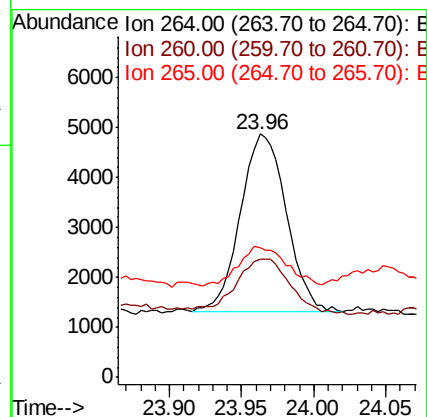
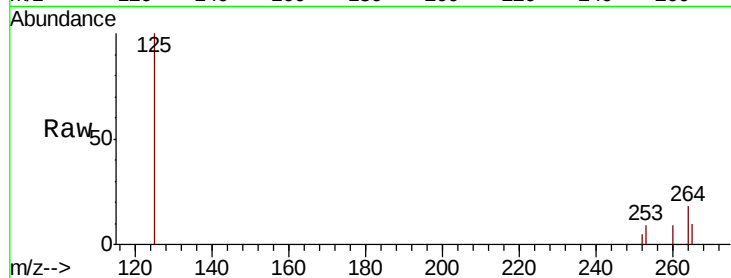




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

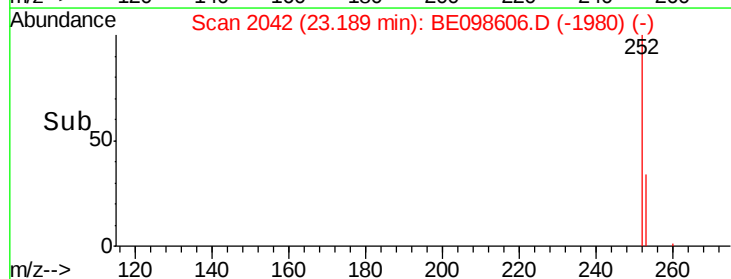
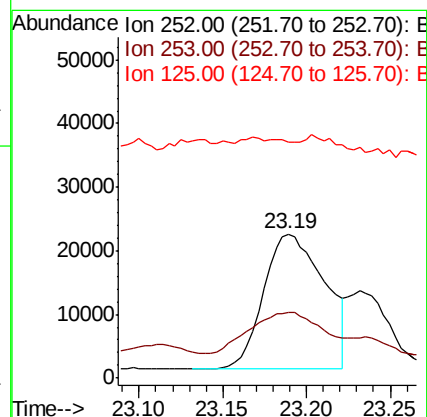
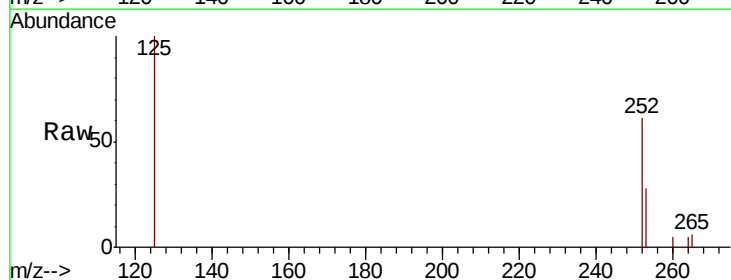
Instrument :
BNA_E
ClientSampleId :

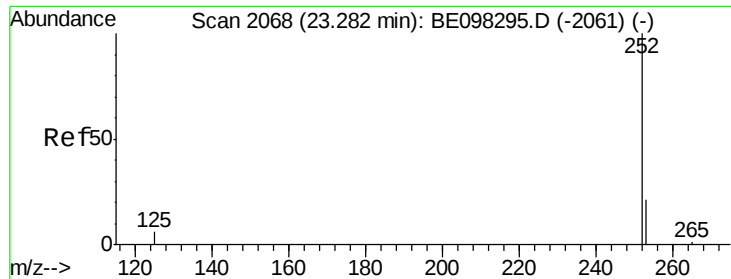
Tot Ion:264 Resp: 7732
Ion Ratio Lower Upper
264 100
260 48.3 20.2 30.2#
265 53.4 25.2 37.8#



#35
Benzo(b)fluoranthene
Concen: 2.558 ng
RT: 23.19 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:252 Resp: 54085
Ion Ratio Lower Upper
252 100
253 45.5 20.0 30.0#
125 163.9 9.6 14.4#

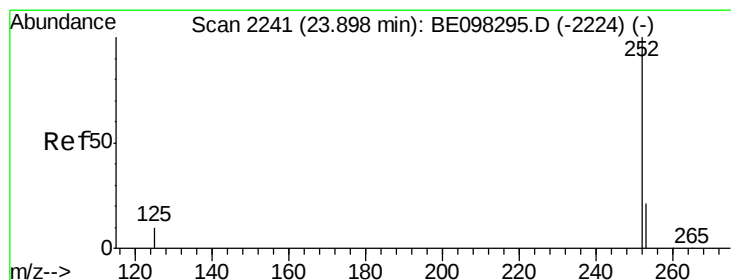
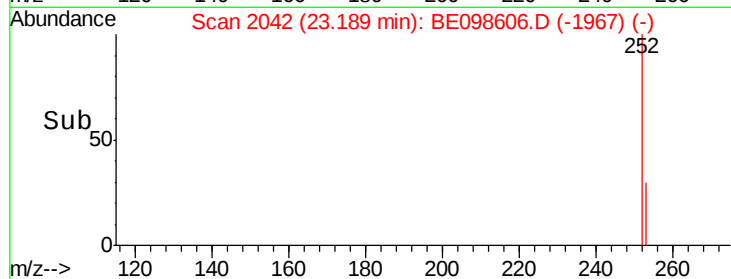
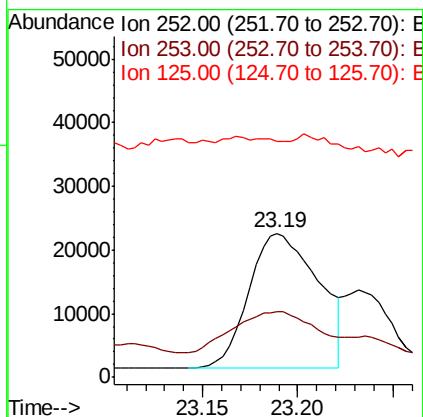
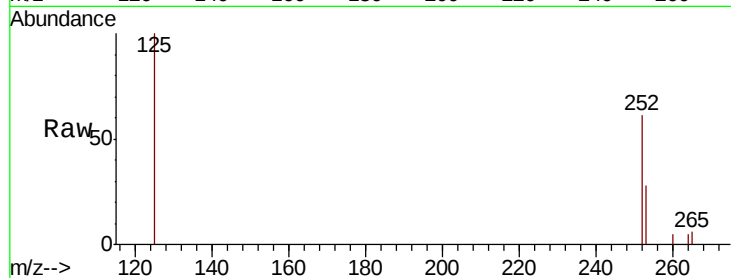




#36
Benzo(k)fluoranthene
Concen: 2.196 ng
RT: 23.19 min Scan# 2042
Delta R.T. -0.03 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

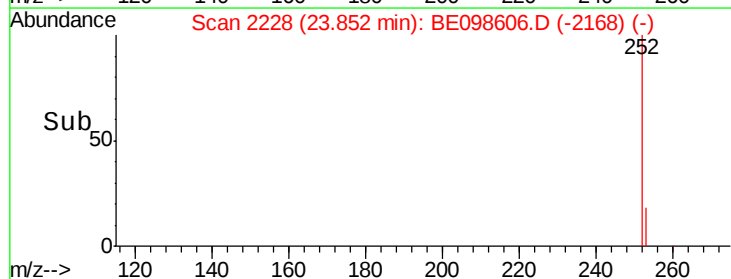
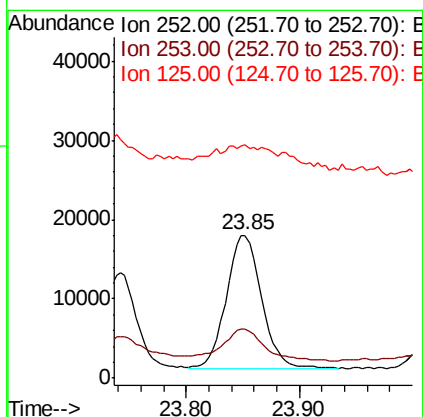
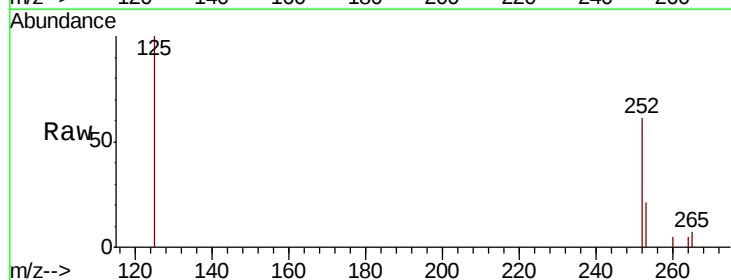
Instrument :
BNA_E
ClientSampleId :

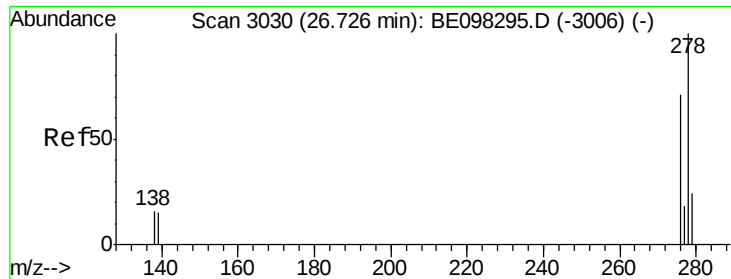
Tot Ion:252 Resp: 54083
Ion Ratio Lower Upper
252 100
253 45.5 19.0 28.6#
125 163.9 9.1 13.7#



#37
Benzo(a)pyrene
Concen: 1.674 ng
RT: 23.85 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BE098606.D
Acq: 2 Jan 2019 13:58

Tgt Ion:252 Resp: 36524
Ion Ratio Lower Upper
252 100
253 34.3 20.6 30.8#
125 163.0 10.5 15.7#





#38

Dibenzo(a,h)anthracene

Concen: 0.286 ng

RT: 26.64 min Scan# 3005

Delta R.T. -0.03 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

Instrument :

BNA_E

ClientSampleId :

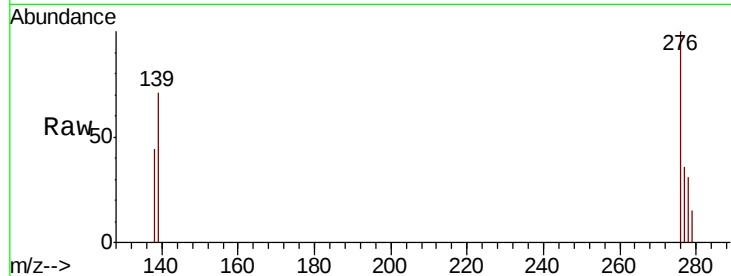
Tot Ion:278 Resp: 5877

Ion Ratio Lower Upper

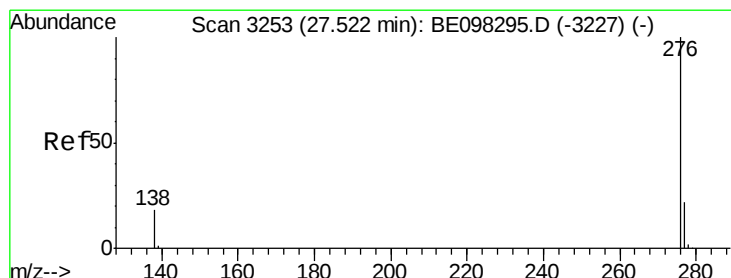
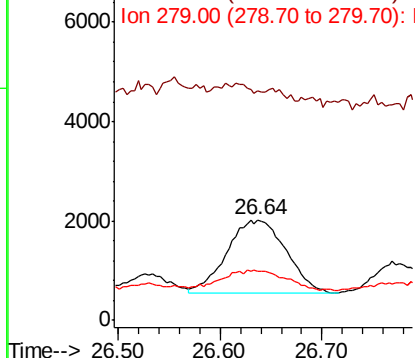
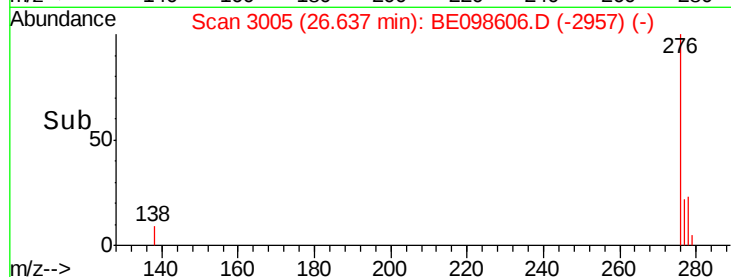
278 100

139 228.1 14.5 21.7#

279 48.2 21.8 32.8#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.998 ng

RT: 27.44 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BE098606.D

Acq: 2 Jan 2019 13:58

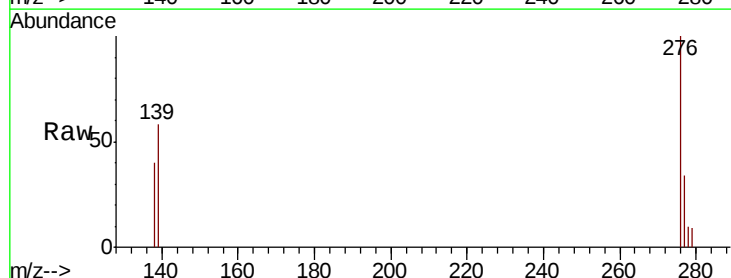
Tgt Ion:276 Resp: 20675

Ion Ratio Lower Upper

276 100

277 34.3 20.8 31.2#

138 39.6 15.8 23.6#



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

