

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098890.D
 Acq On : 12 Mar 2019 10:14
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 12 12:22:47 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	7.79	152	889	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4062	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2627	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6704	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7887	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7706	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	927	0.35	ng	0.01
5) Phenol-d6	6.99	99	1468	0.39	ng	0.00
8) Nitrobenzene-d5	8.96	82	1364	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2904	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	453	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4331	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	38031	0.36	ng	0.00
29) Terphenyl-d14	19.85	244	7405	0.39	ng	0.00

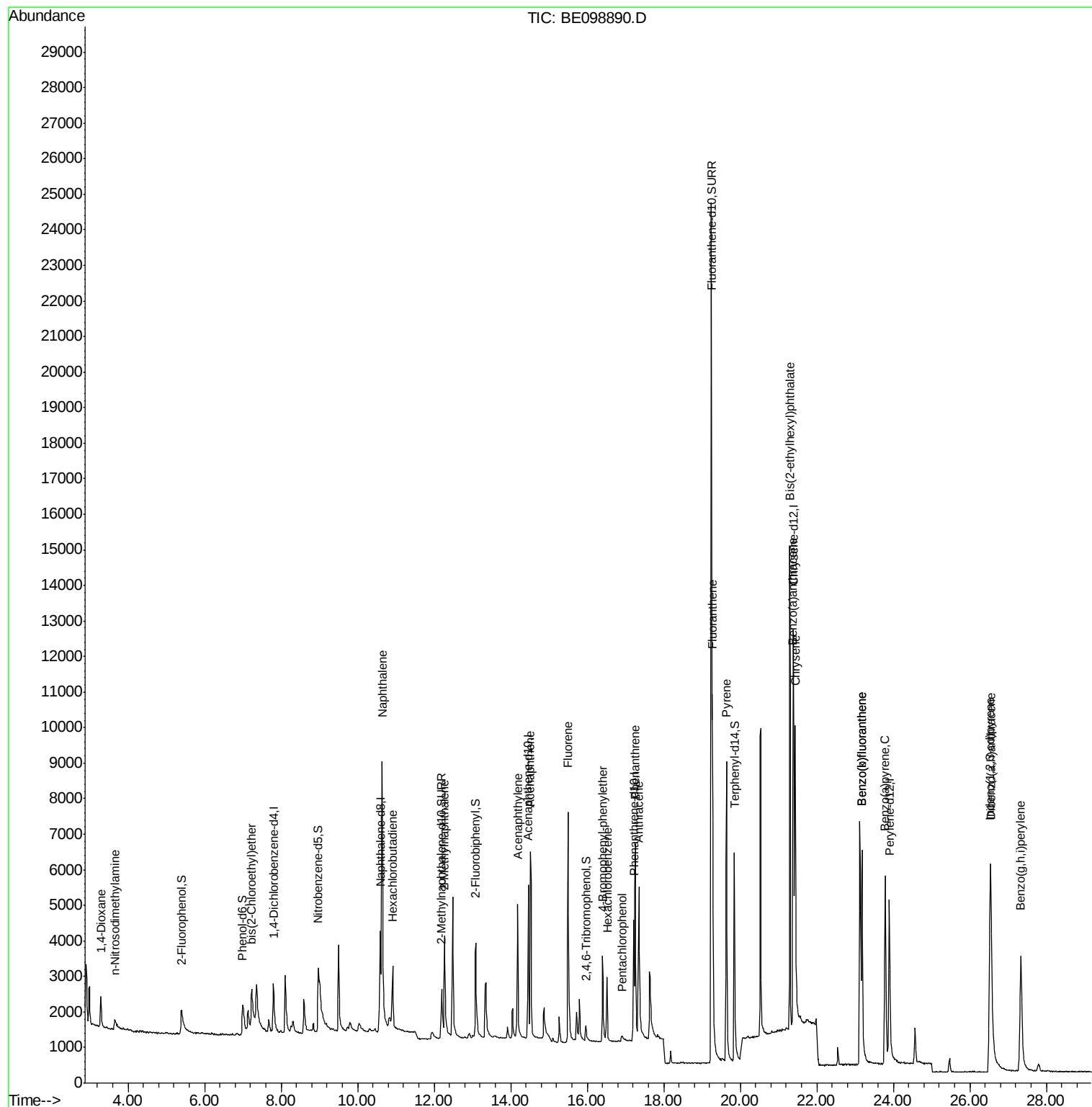
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	692	0.401	ng	93
3) n-Nitrosodimethylamine	3.66	42	404	0.181	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	878	0.303	ng	91
9) Naphthalene	10.64	128	18268	0.393	ng	99
10) Hexachlorobutadiene	10.91	225	1164	0.378	ng	97
12) 2-Methylnaphthalene	12.27	142	2785	0.369	ng	100
16) Acenaphthylene	14.18	152	5161	0.382	ng	98
17) Acenaphthene	14.51	154	3172	0.396	ng	99
18) Fluorene	15.50	166	4398	0.381	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1332	0.367	ng	95
21) Hexachlorobenzene	16.52	284	1681	0.389	ng	97
22) Pentachlorophenol	16.91	266	210	0.407	ng	91
23) Phenanthrene	17.25	178	7240	0.380	ng	99
24) Anthracene	17.35	178	5835	0.358	ng	99
26) Fluoranthene	19.28	202	9457	0.352	ng	99
28) Pyrene	19.64	202	9817	0.407	ng	100
30) Benzo(a)anthracene	21.38	228	8634	0.351	ng	99
31) Chrysene	21.44	228	10647	0.404	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	17226	0.329	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	11127	0.400	ng	98
35) Benzo(b)fluoranthene	23.18	252	10202	0.403	ng	98
36) Benzo(k)fluoranthene	23.18	252	10453	0.394	ng	100
37) Benzo(a)pyrene	23.79	252	9454	0.389	ng	# 90
38) Dibenzo(a,h)anthracene	26.55	278	8689	0.378	ng	# 93
39) Benzo(g,h,i)perylene	27.33	276	9282	0.386	ng	98

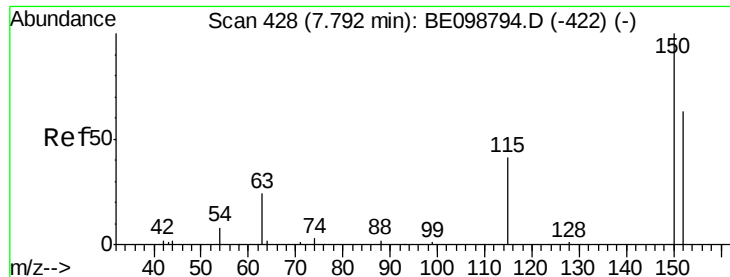
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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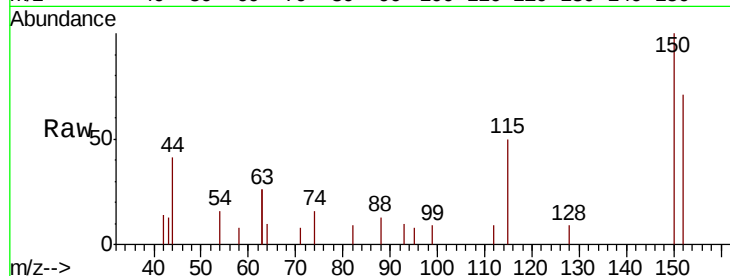


#1

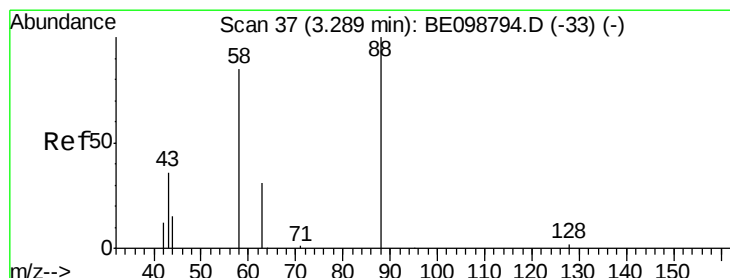
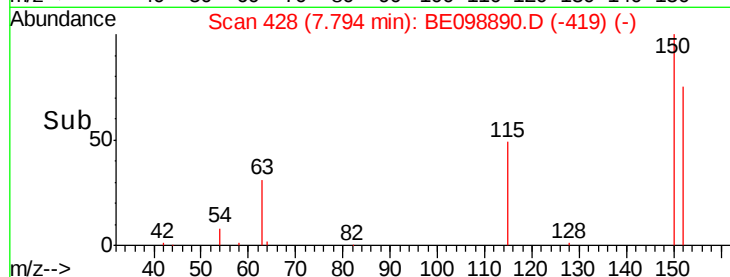
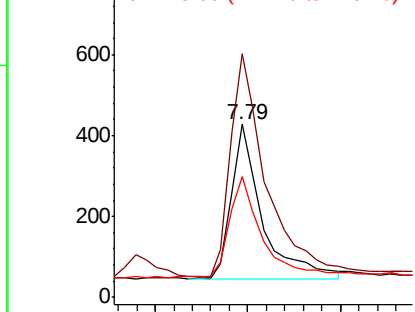
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098890.D
Acq: 12 Mar 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 889
Ion Ratio Lower Upper
152 100
150 140.7 122.5 183.7
115 69.6 57.4 86.2



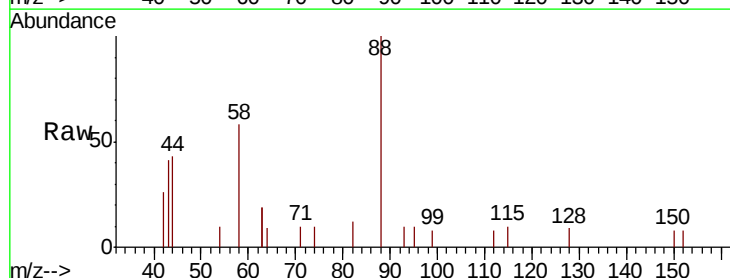
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



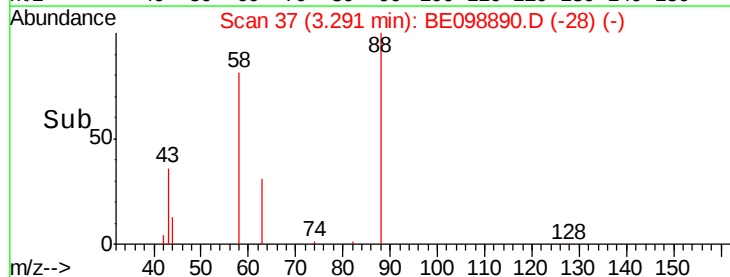
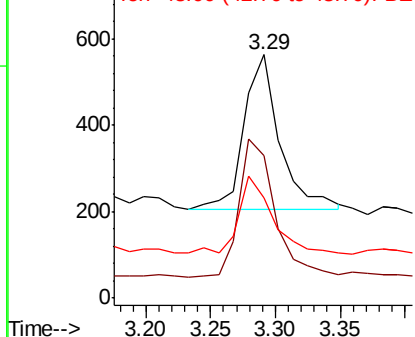
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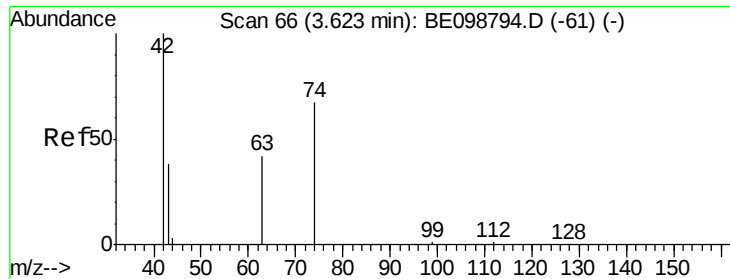
1,4-Dioxane
Concen: 0.401 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098890.D
Acq: 12 Mar 2019 10:14

Tgt Ion: 88 Resp: 692
Ion Ratio Lower Upper
88 100
58 88.0 75.8 113.6
43 46.7 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



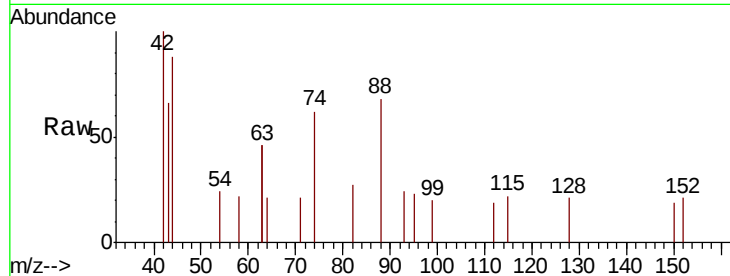


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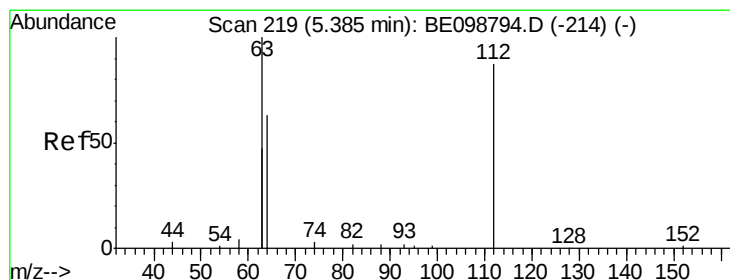
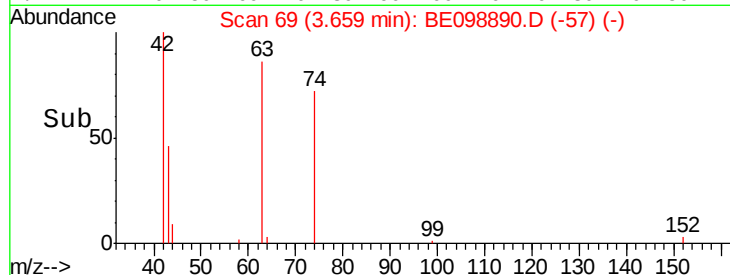
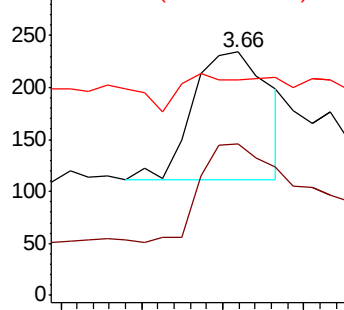
n-Nitrosodimethylamine
 Concen: 0.181 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.04 min
 Lab File: BE098890.D
 Acq: 12 Mar 2019 10:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 404
 Ion Ratio Lower Upper
 42 100
 74 71.0 57.0 85.4
 44 0.0 0.0 0.0



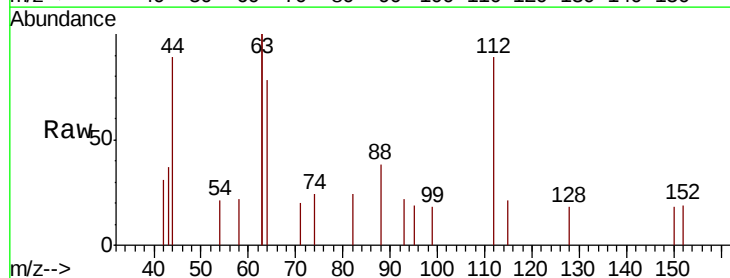
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



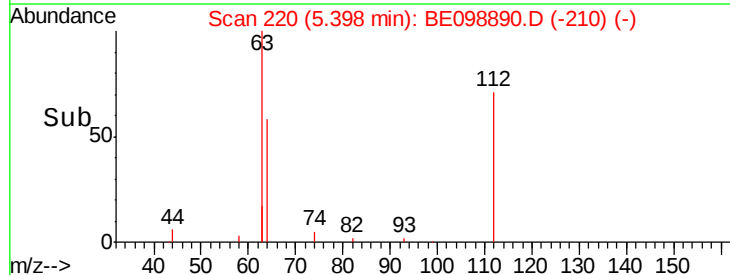
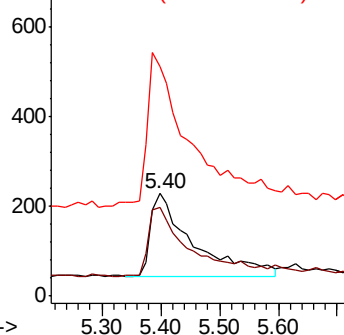
#4

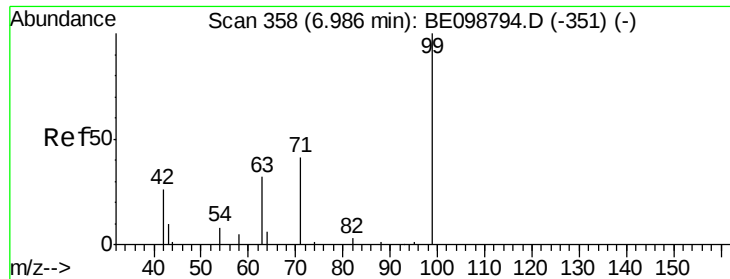
2-Fluorophenol
 Concen: 0.349 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098890.D
 Acq: 12 Mar 2019 10:14

Tgt Ion: 112 Resp: 927
 Ion Ratio Lower Upper
 112 100
 64 78.6 57.9 86.9
 63 194.0 158.3 237.5



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: 0.391 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

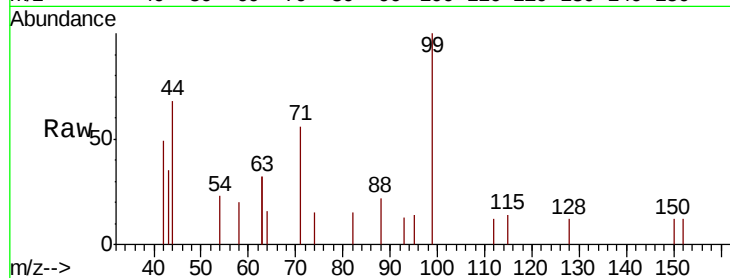
Tot Ion: 99 Resp: 1468

Ion Ratio Lower Upper

99 100

42 28.5 24.2 36.2

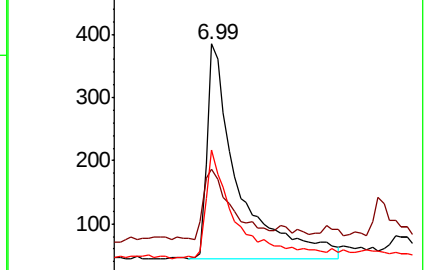
71 48.6 35.7 53.5



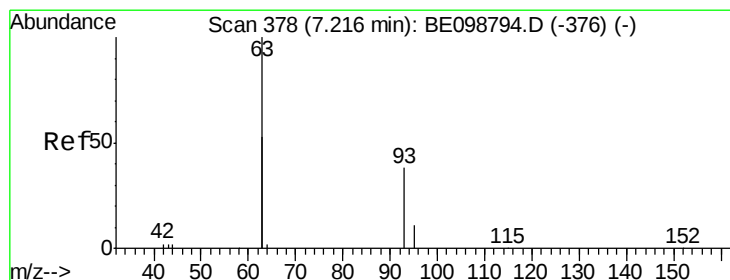
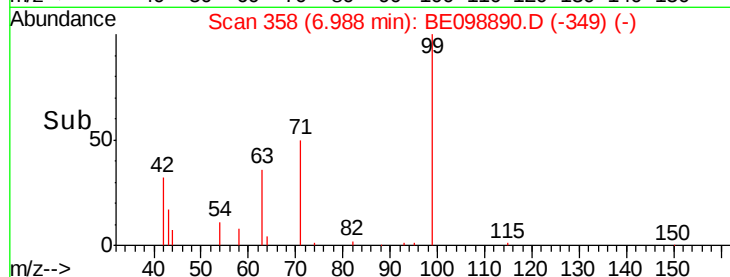
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 7.00 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.303 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

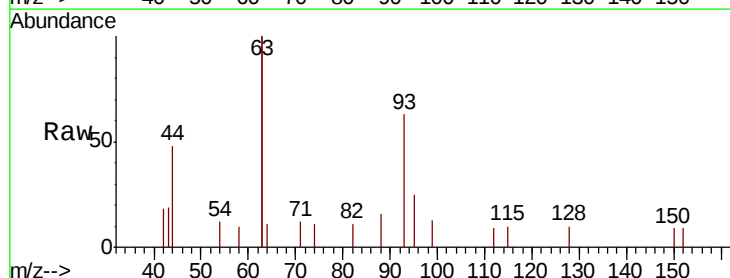
Tgt Ion: 93 Resp: 878

Ion Ratio Lower Upper

93 100

63 327.4 247.5 371.3

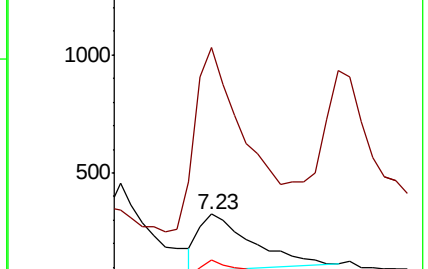
95 29.7 21.8 32.8



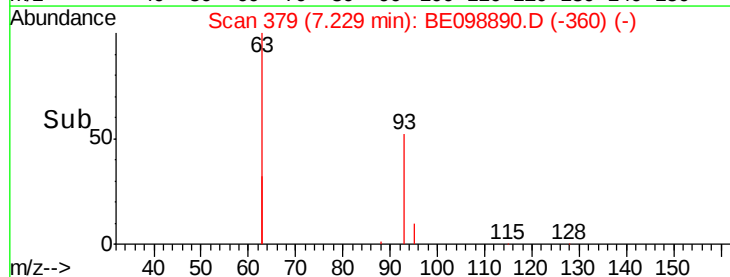
Abundance Ion 93.00 (92.70 to 93.70): BE0

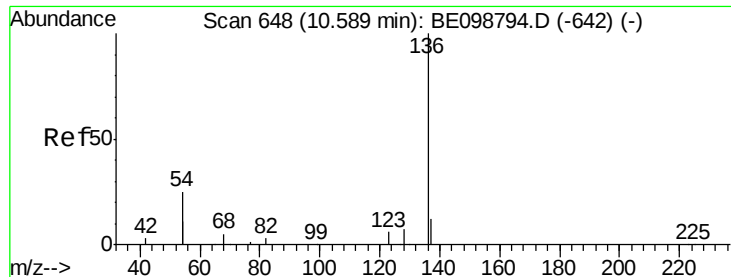
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.20 7.30 7.40





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4062

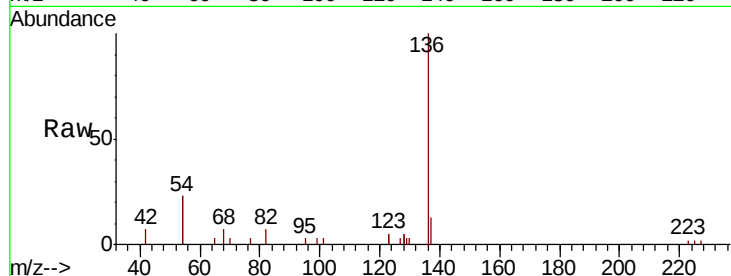
Ion Ratio Lower Upper

136 100

137 12.8 11.4 17.0

54 45.3 39.3 58.9

68 7.2 6.7 10.1

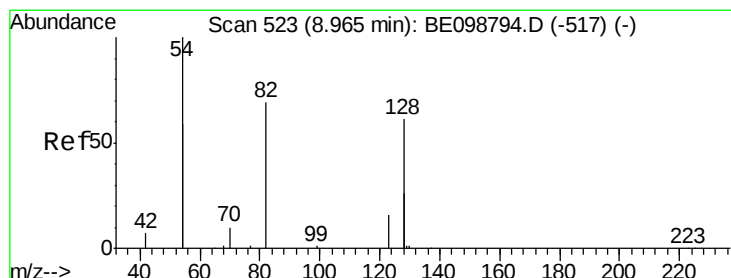
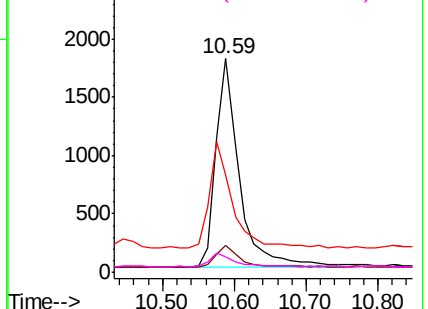
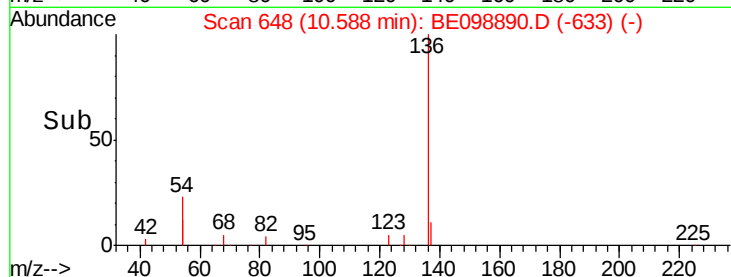


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.320 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

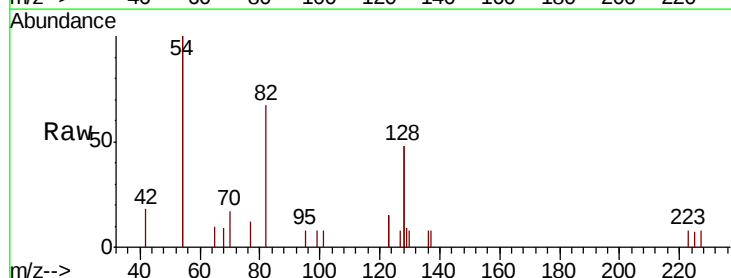
Tgt Ion: 82 Resp: 1364

Ion Ratio Lower Upper

82 100

128 142.9 123.8 185.8

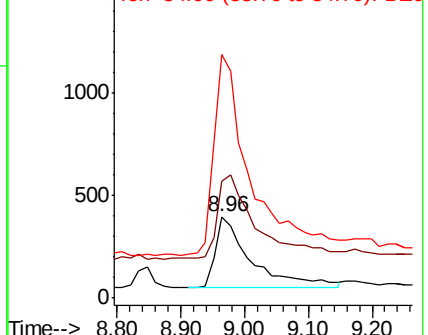
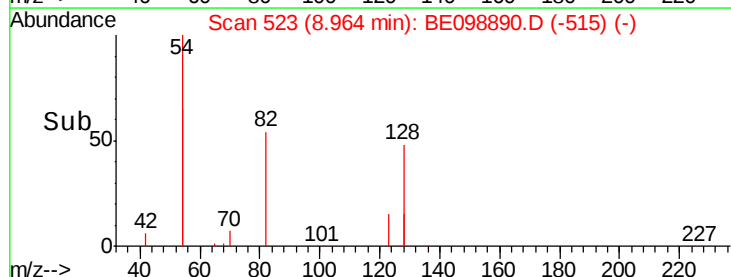
54 299.5 203.4 305.2

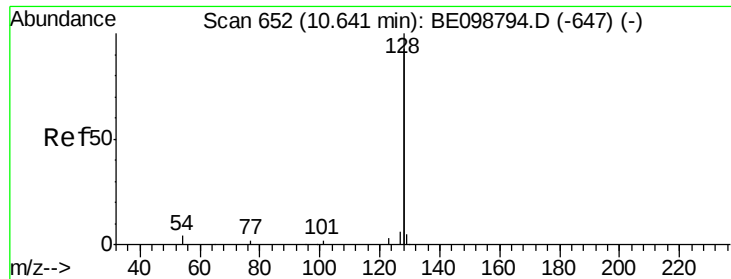


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.393 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

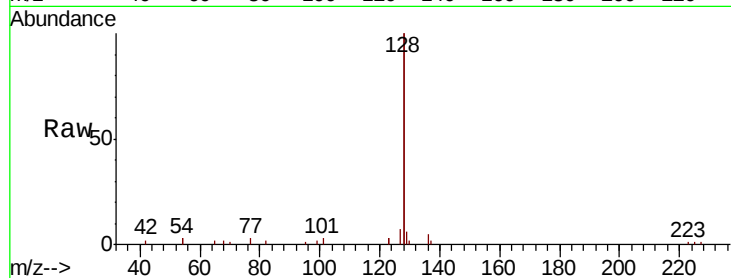
Tot Ion:128 Resp: 18268

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

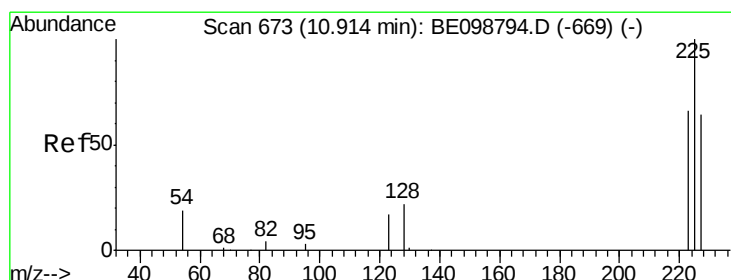
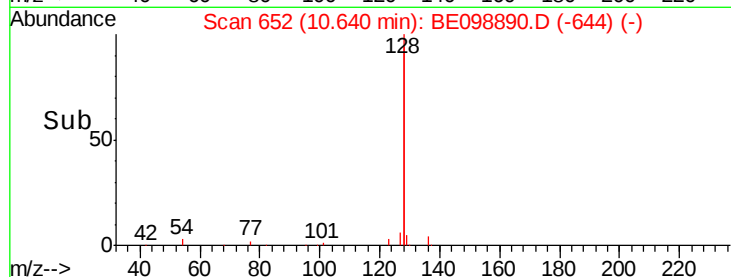
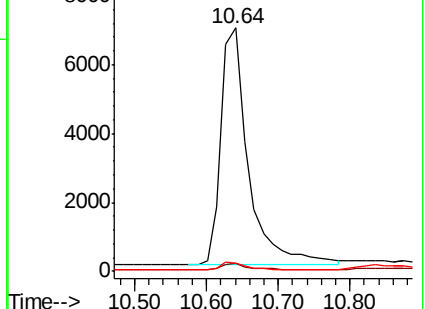
127 3.5 3.1 4.7



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: 0.378 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

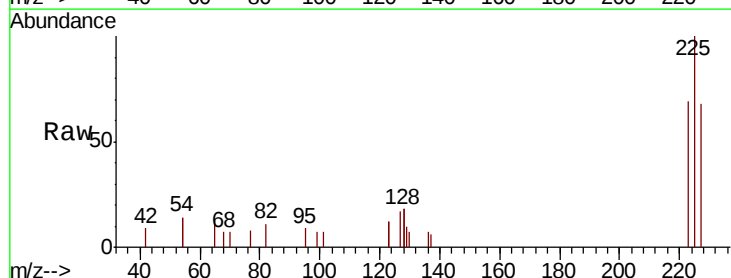
Tgt Ion:225 Resp: 1164

Ion Ratio Lower Upper

225 100

223 66.6 51.1 76.7

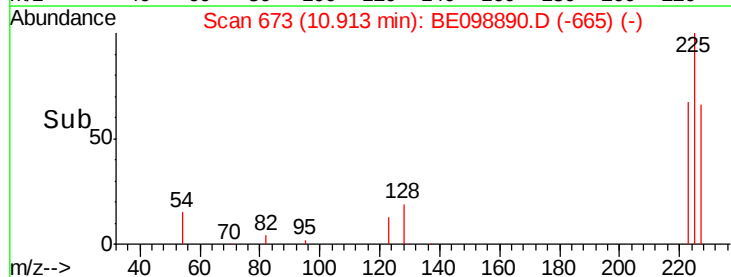
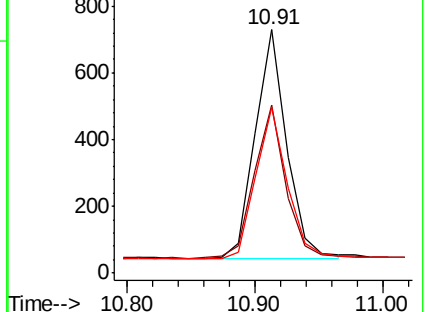
227 66.2 51.6 77.4

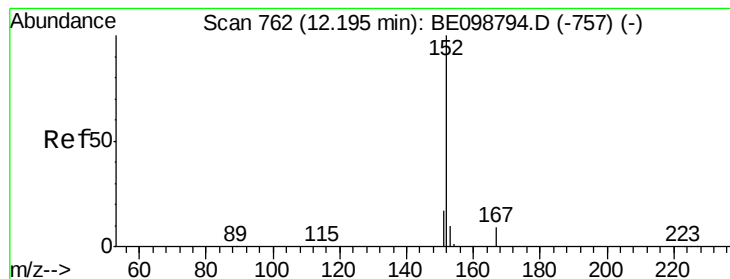


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

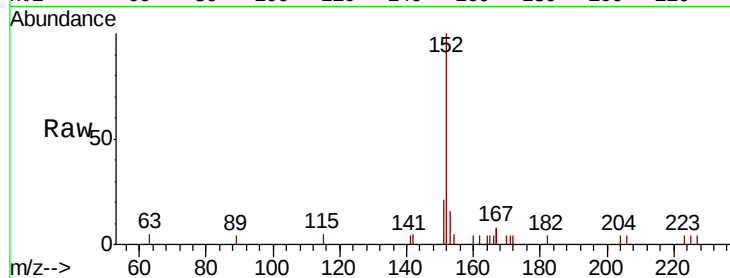
ClientSampleId :

Tot Ion:152 Resp: 2904

Ion Ratio Lower Upper

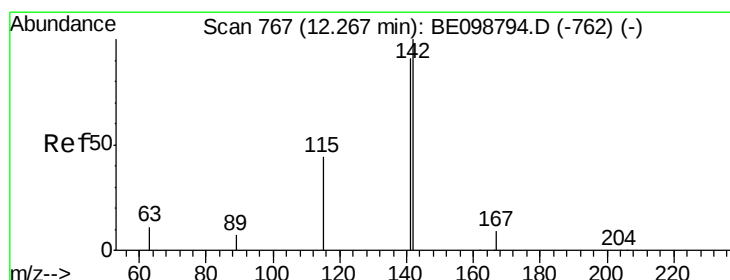
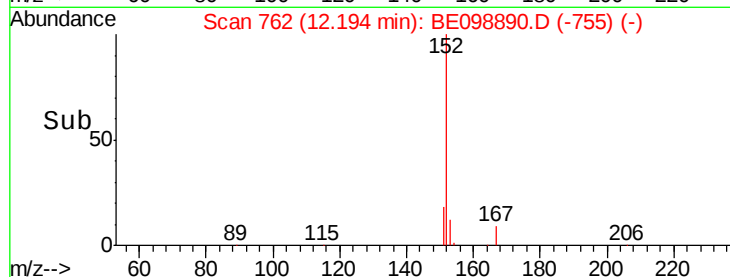
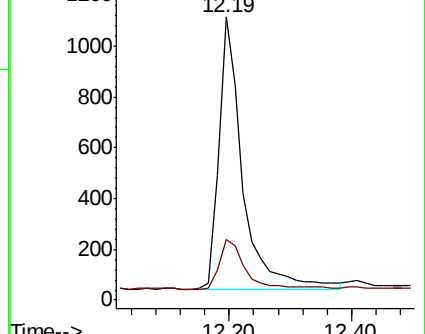
152 100

151 19.8 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.369 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

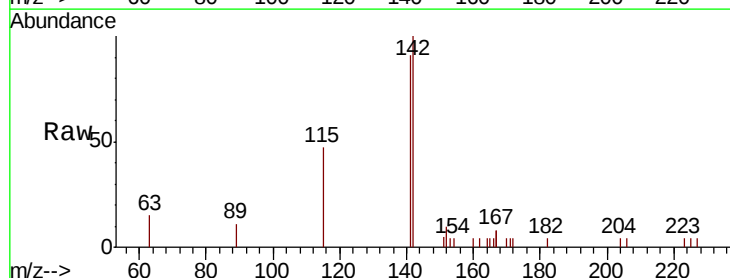
Tgt Ion:142 Resp: 2785

Ion Ratio Lower Upper

142 100

141 91.0 72.6 108.8

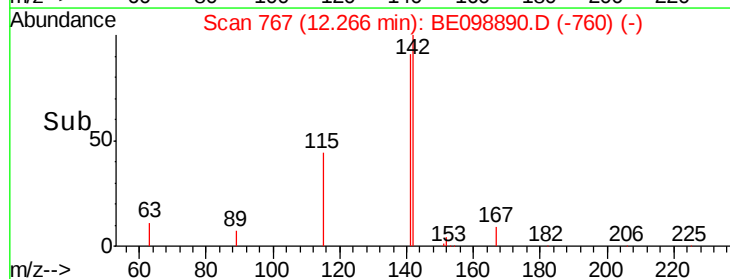
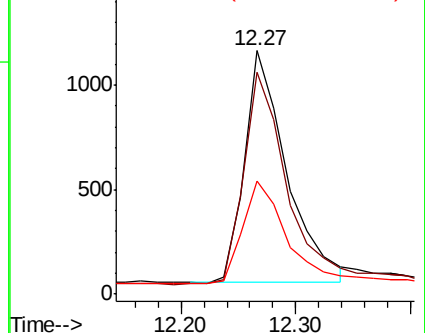
115 46.6 37.4 56.2

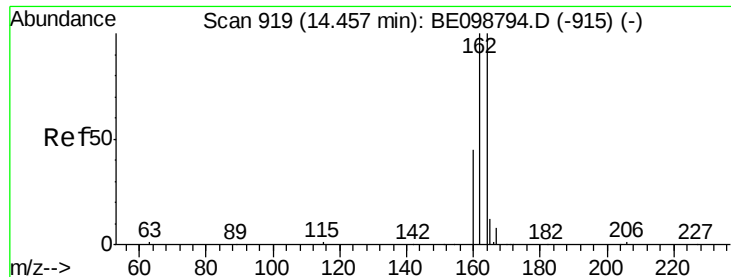


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

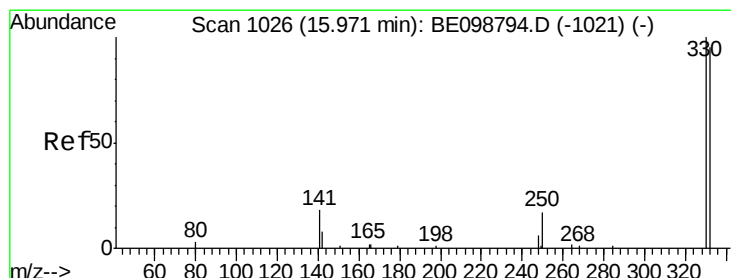
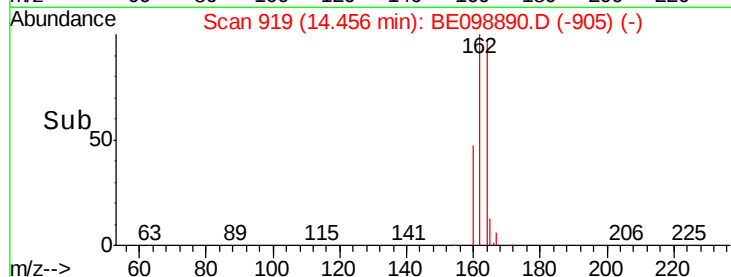
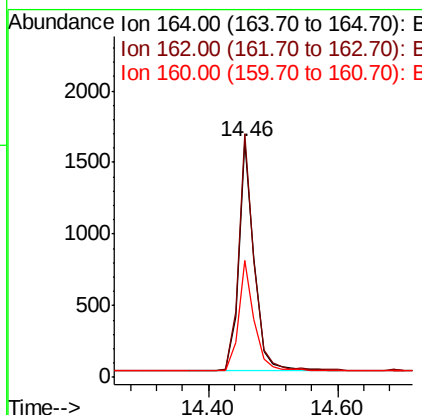
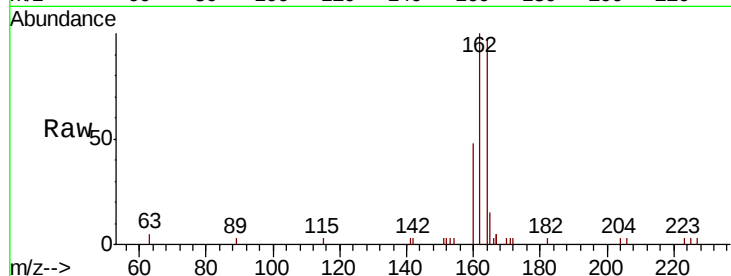




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098890.D
Acq: 12 Mar 2019 10:14

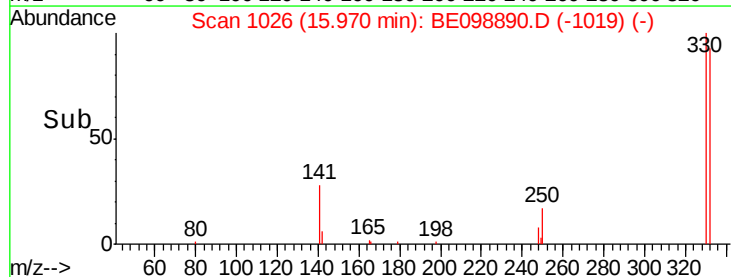
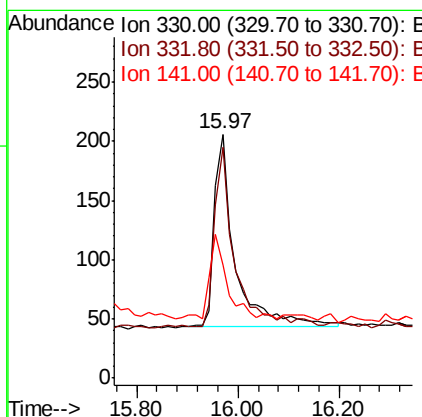
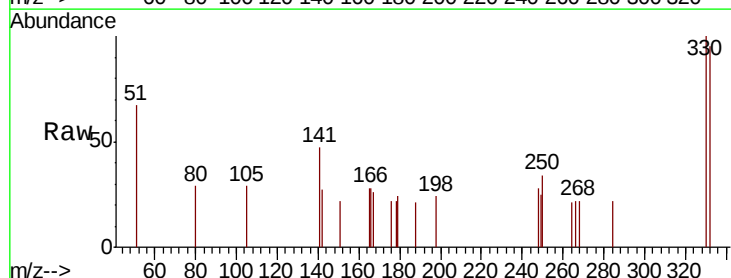
Instrument :
BNA_E
ClientSampleId :

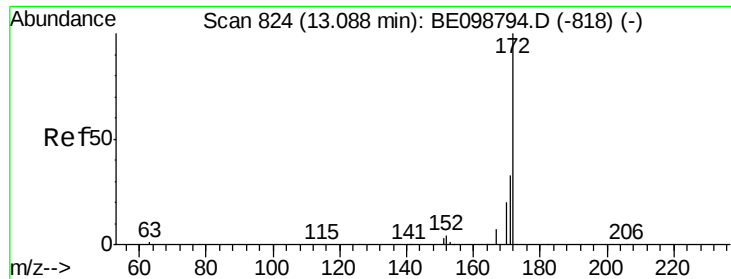
Tot Ion:164 Resp: 2627
Ion Ratio Lower Upper
164 100
162 103.3 80.2 120.2
160 49.5 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098890.D
Acq: 12 Mar 2019 10:14

Tgt Ion:330 Resp: 453
Ion Ratio Lower Upper
330 100
332 87.6 77.6 116.4
141 35.5 31.0 46.4

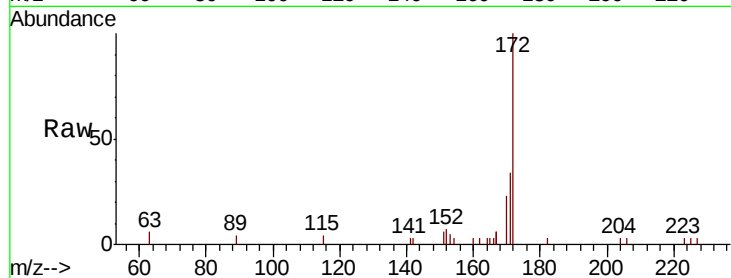




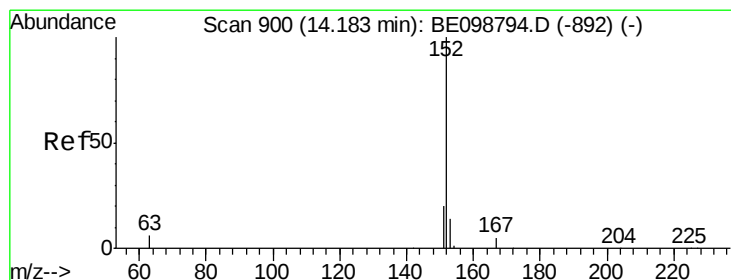
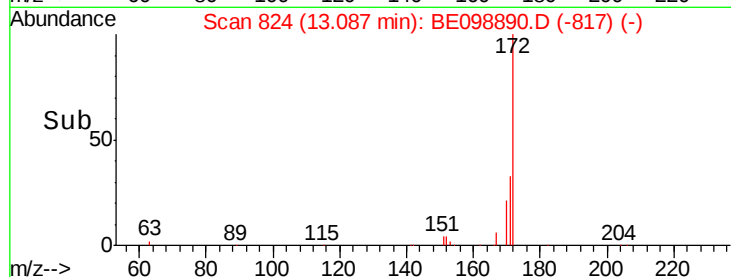
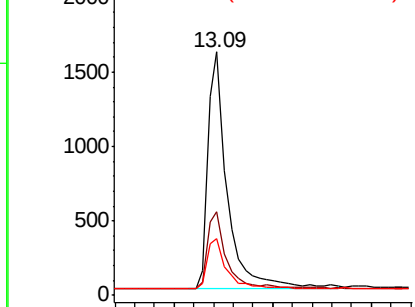
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098890.D
Acq: 12 Mar 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4331
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.4 17.7 26.5

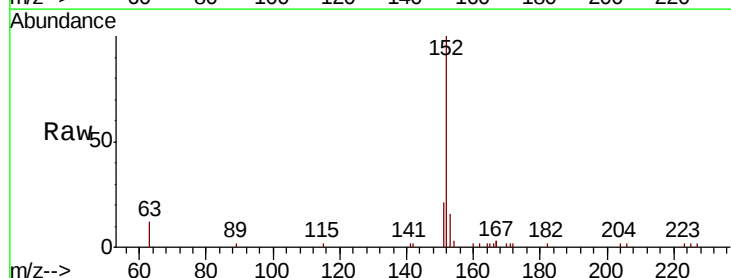


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

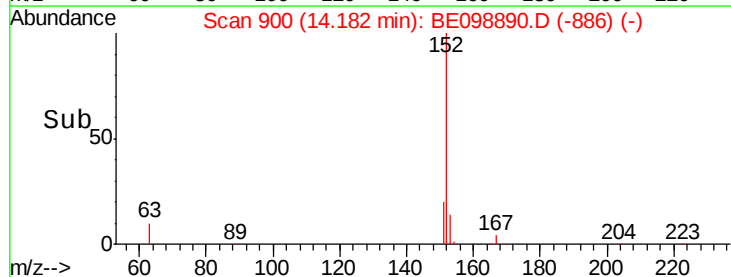
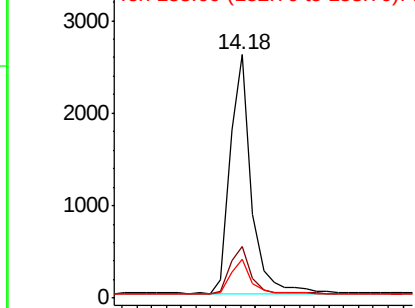


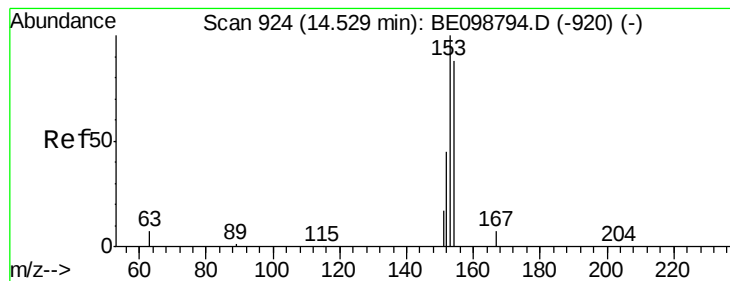
#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098890.D
Acq: 12 Mar 2019 10:14

Tgt Ion:152 Resp: 5161
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6
153 13.5 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: 0.396 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampled :

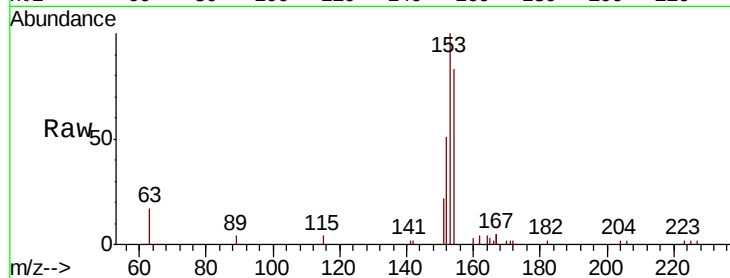
Tot Ion:154 Resp: 3172

Ion Ratio Lower Upper

154 100

153 116.3 94.2 141.4

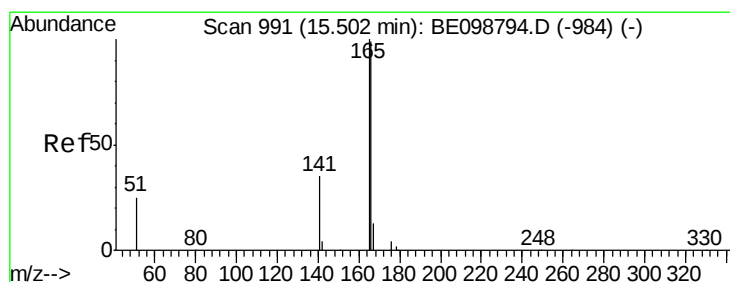
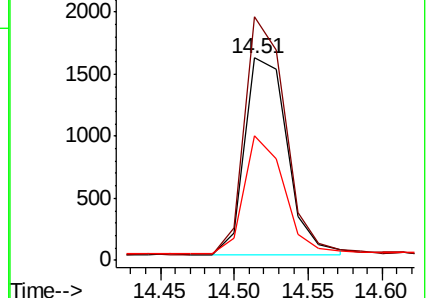
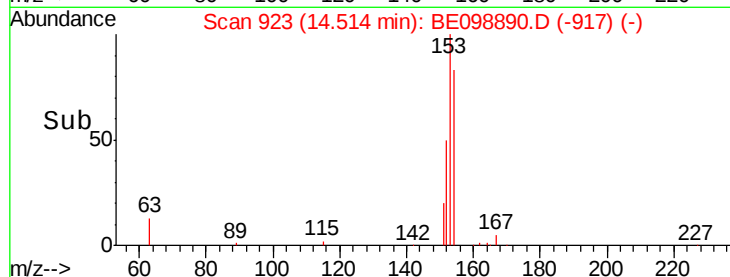
152 55.9 45.0 67.4



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: 0.381 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

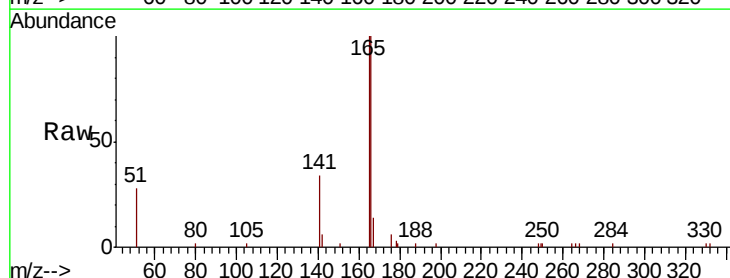
Tgt Ion:166 Resp: 4398

Ion Ratio Lower Upper

166 100

165 101.0 79.3 118.9

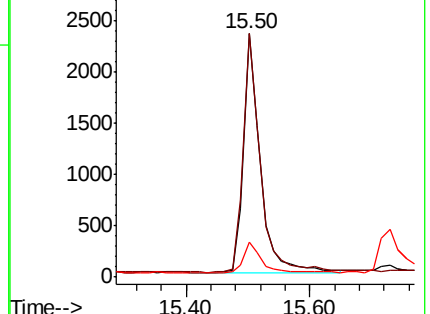
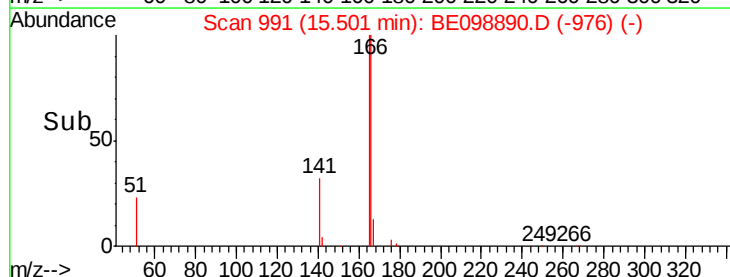
167 13.1 10.5 15.7

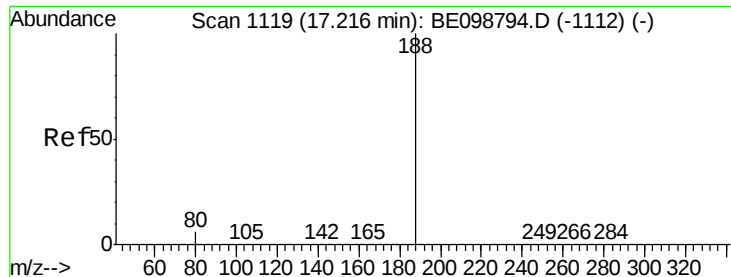


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

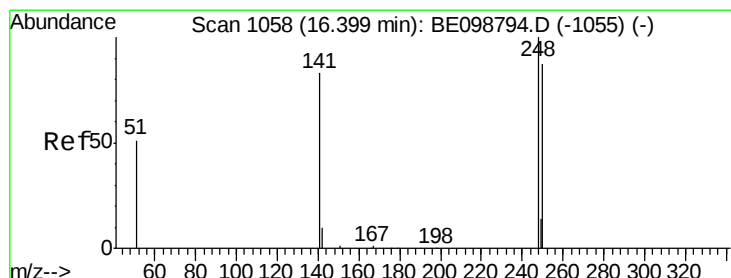
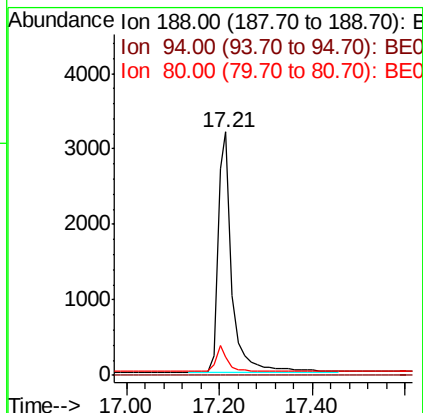
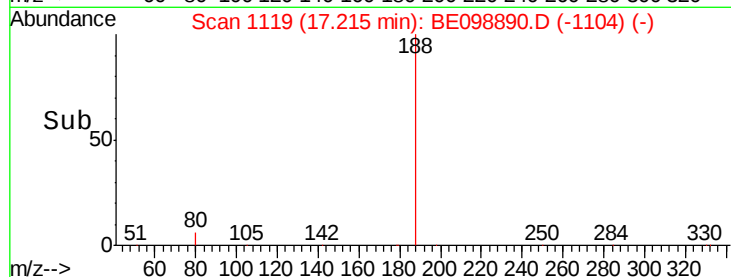
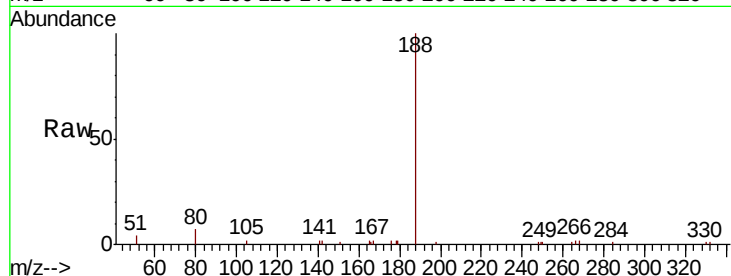
Tot Ion:188 Resp: 6704

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.3 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.367 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

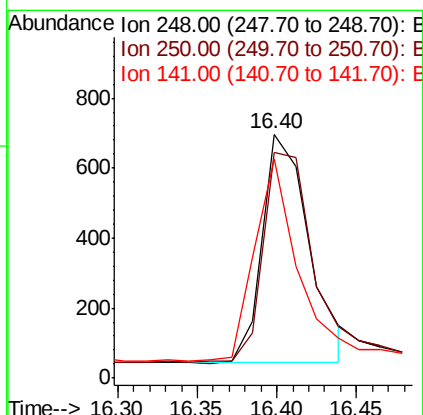
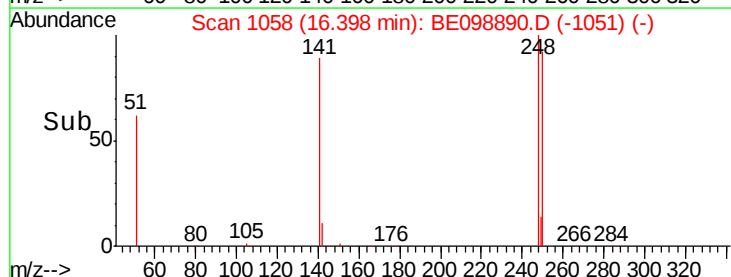
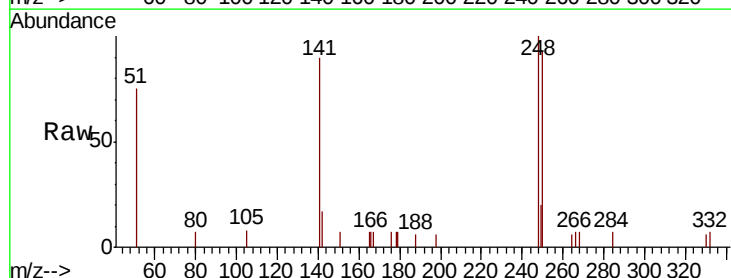
Tgt Ion:248 Resp: 1332

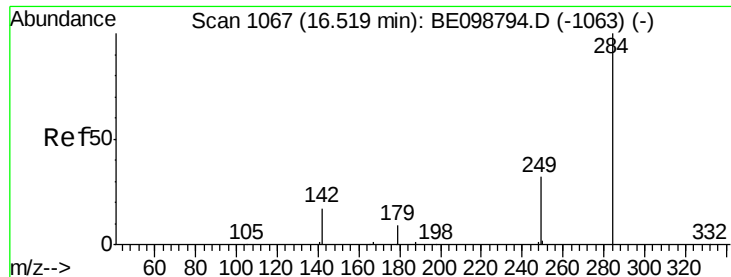
Ion Ratio Lower Upper

248 100

250 92.7 70.6 105.8

141 90.2 68.6 102.8





#21

Hexachlorobenzene

Concen: 0.389 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampled :

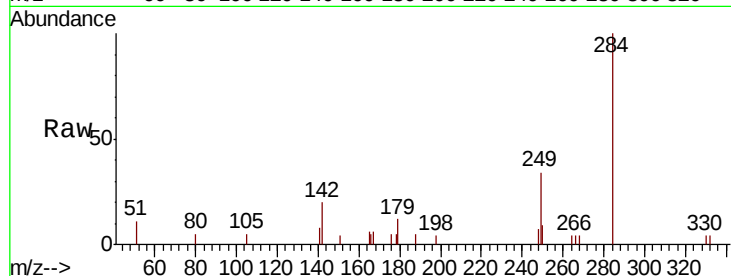
Tot Ion:284 Resp: 1681

Ion Ratio Lower Upper

284 100

142 34.6 28.7 43.1

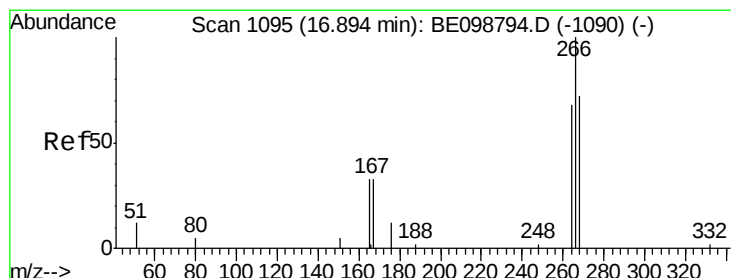
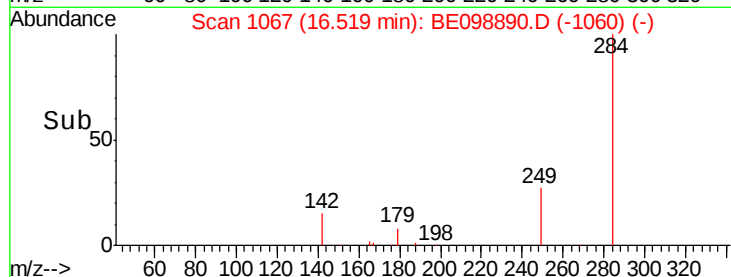
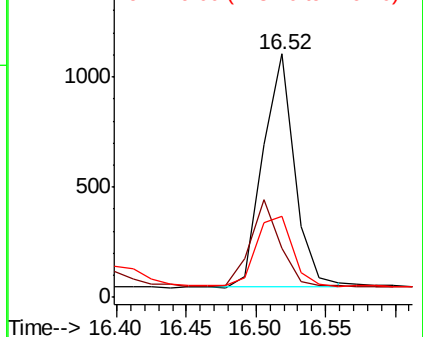
249 34.4 29.6 44.4



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: 0.407 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

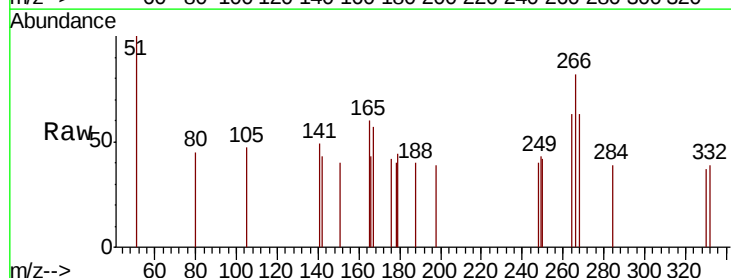
Tgt Ion:266 Resp: 210

Ion Ratio Lower Upper

266 100

264 76.6 66.6 100.0

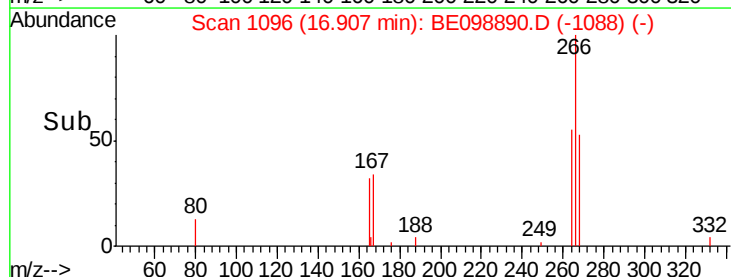
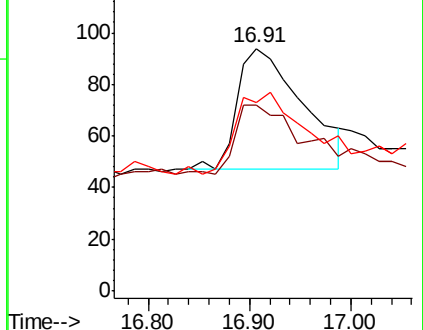
268 77.7 69.8 104.8

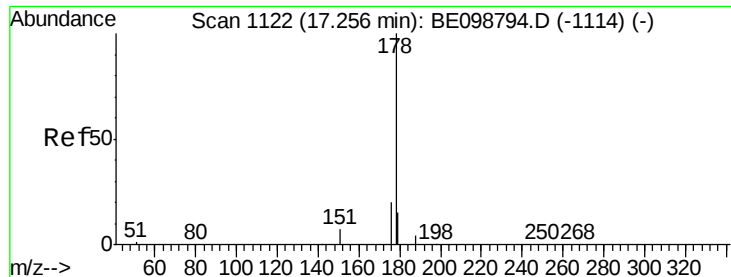


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.380 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

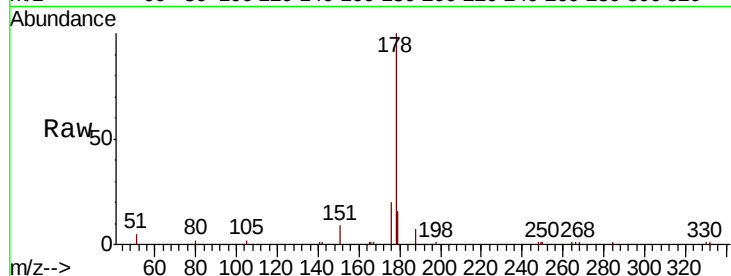
Tot Ion:178 Resp: 7240

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

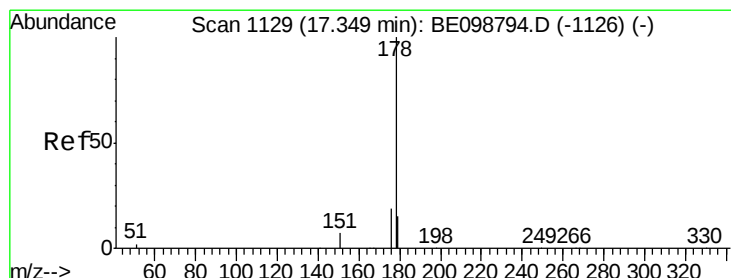
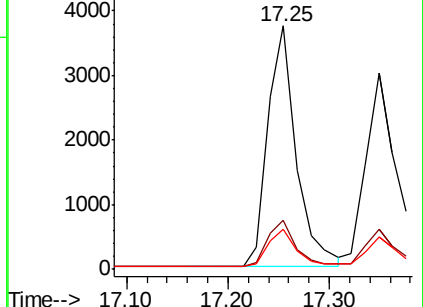
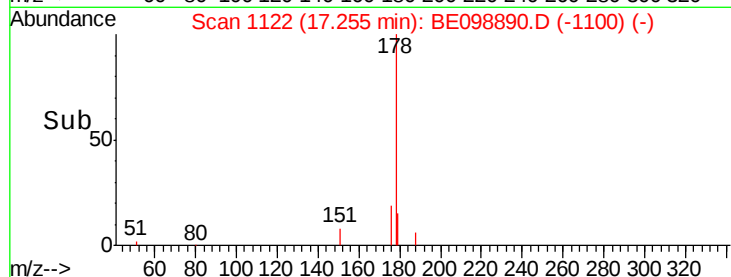
179 15.6 12.1 18.1



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: 0.358 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

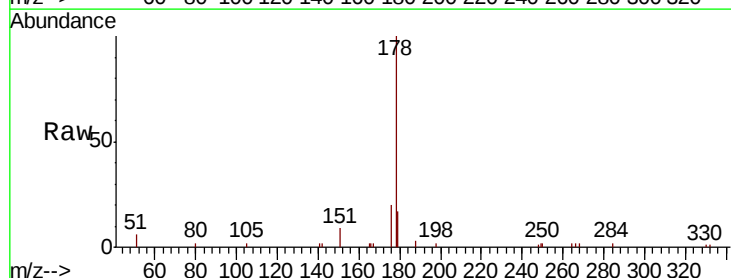
Tgt Ion:178 Resp: 5835

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

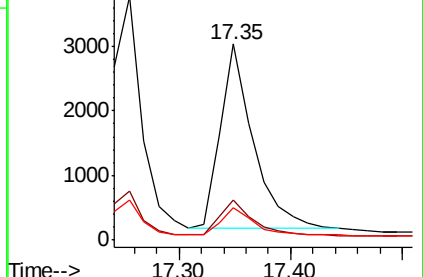
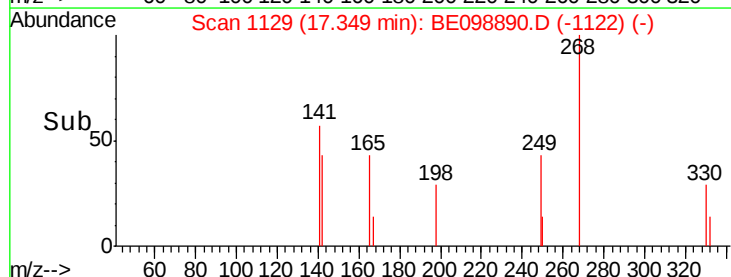
179 14.8 12.2 18.4

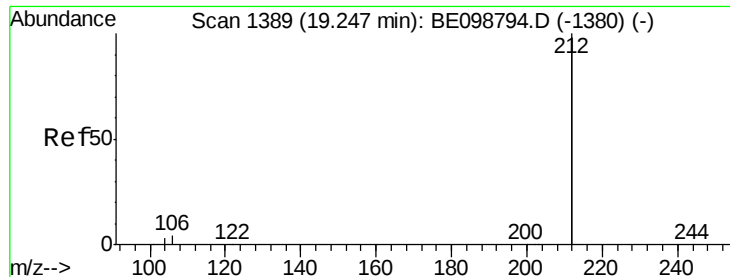


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

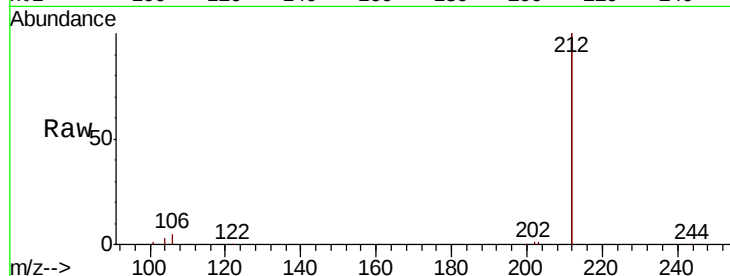
Tot Ion:212 Resp: 38031

Ion Ratio Lower Upper

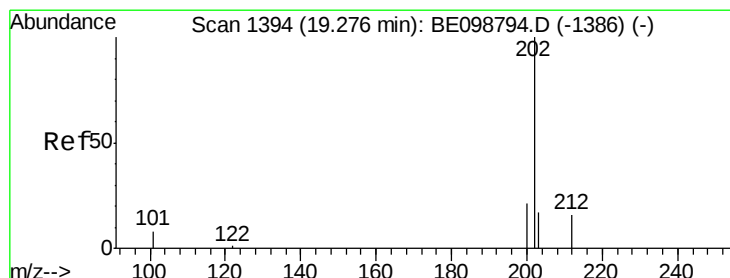
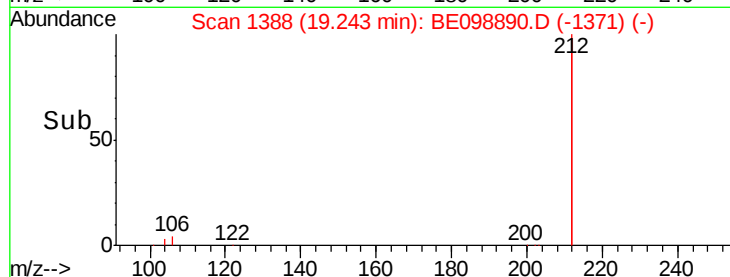
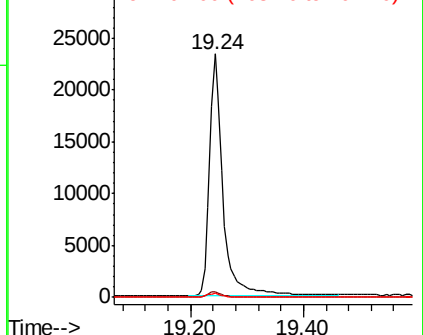
212 100

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: 0.352 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

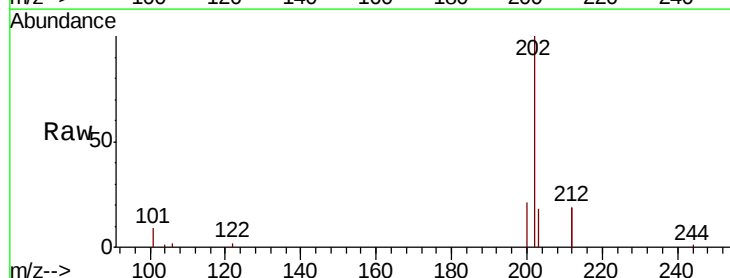
Tgt Ion:202 Resp: 9457

Ion Ratio Lower Upper

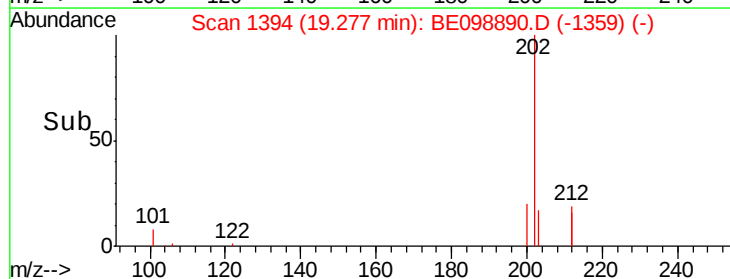
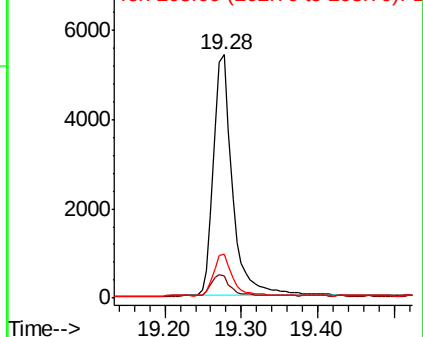
202 100

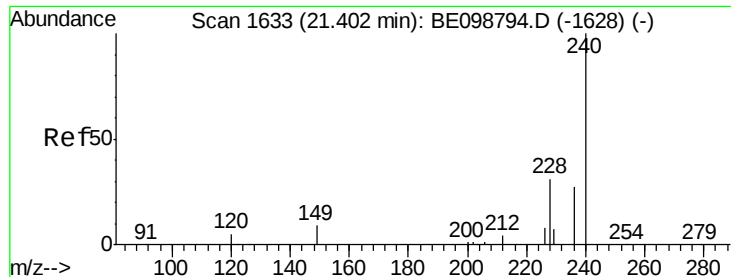
101 9.1 7.3 10.9

203 17.6 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# 1631

Delta R.T. -0.01 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampled :

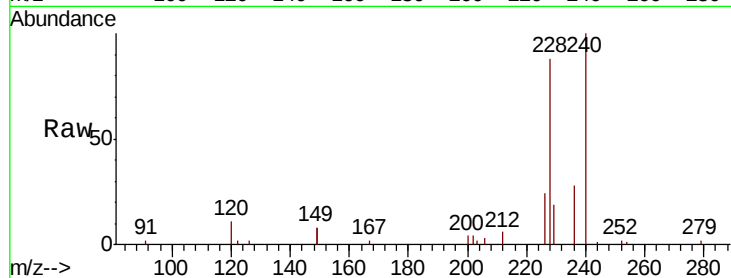
Tot Ion:240 Resp: 7887

Ion Ratio Lower Upper

240 100

120 11.1 5.0 7.4#

236 27.6 22.7 34.1

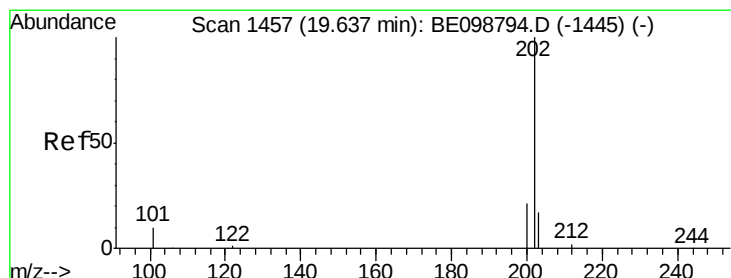
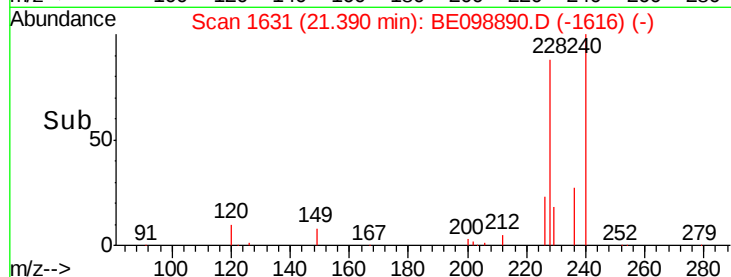
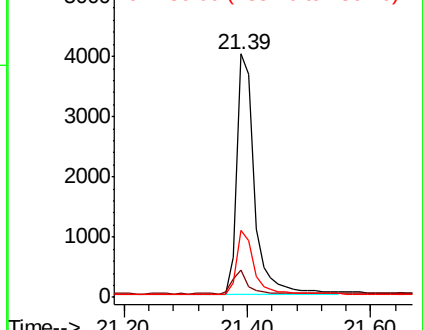


Abundance

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: 0.407 ng

RT: 19.64 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

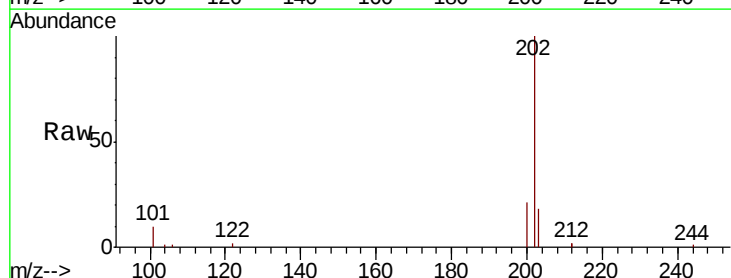
Tgt Ion:202 Resp: 9817

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.3 14.2 21.2

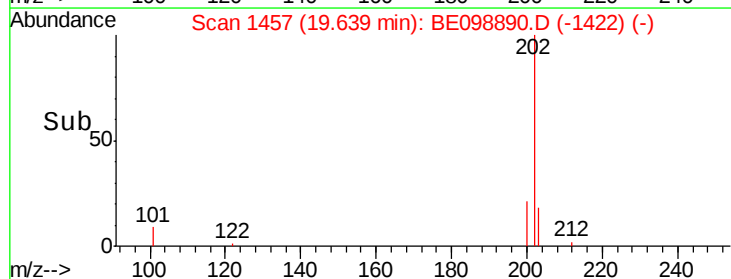
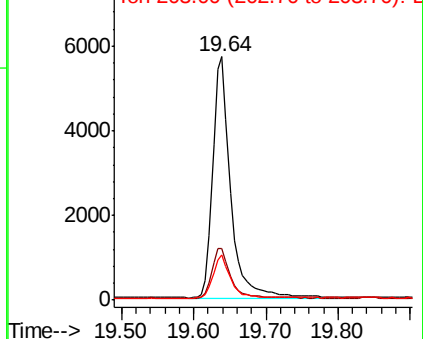


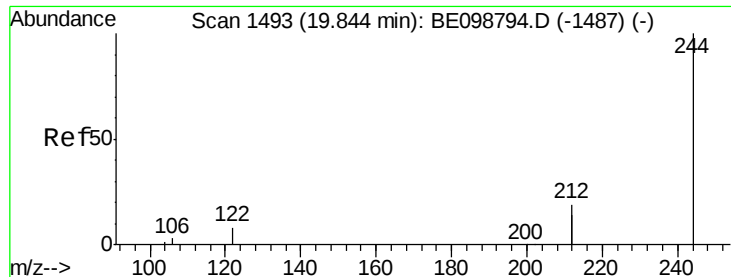
Abundance

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: 0.386 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampled :

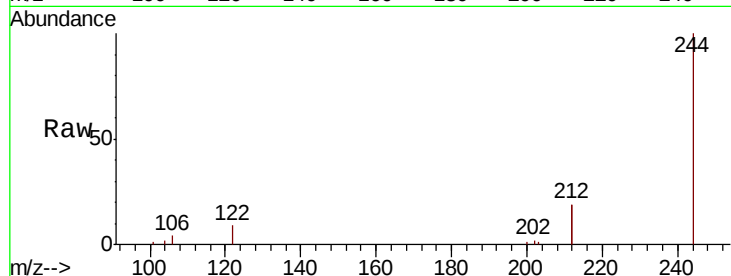
Tot Ion:244 Resp: 7405

Ion Ratio Lower Upper

244 100

212 37.6 29.4 44.2

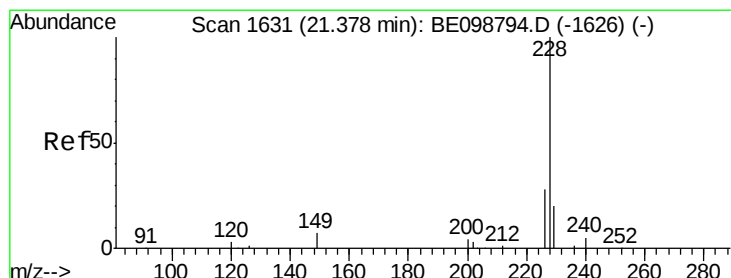
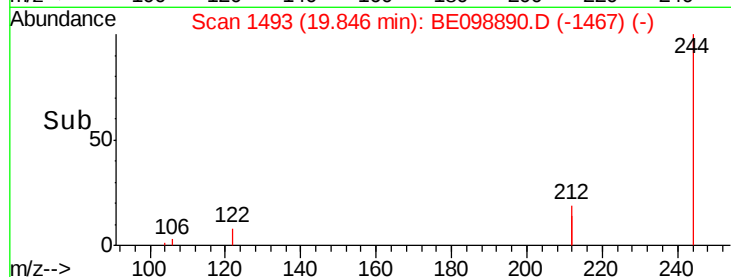
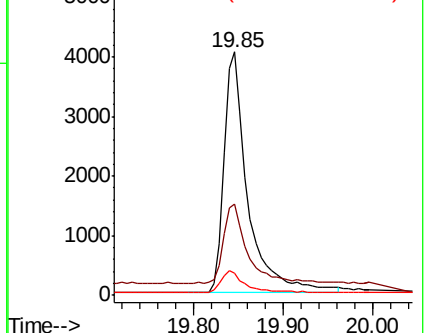
122 9.0 7.1 10.7



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: 0.351 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

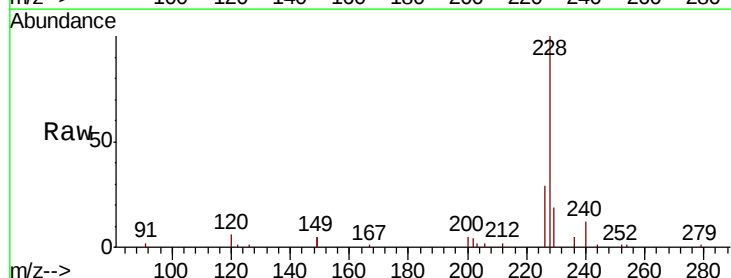
Tgt Ion:228 Resp: 8634

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.4

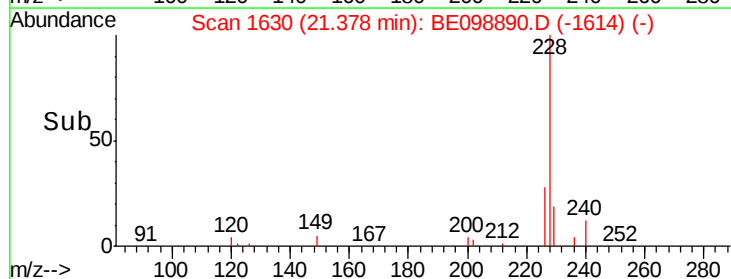
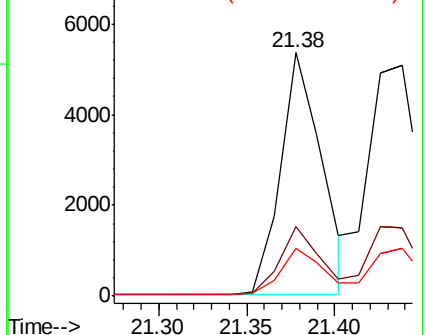
229 19.5 16.5 24.7

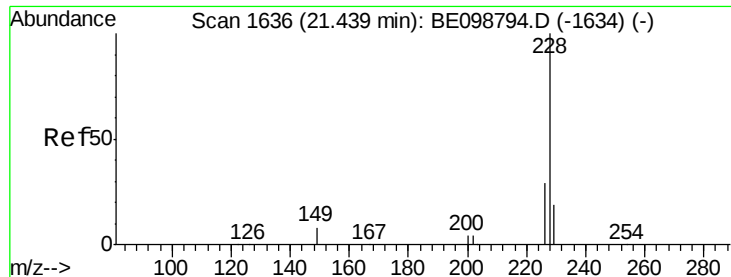


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

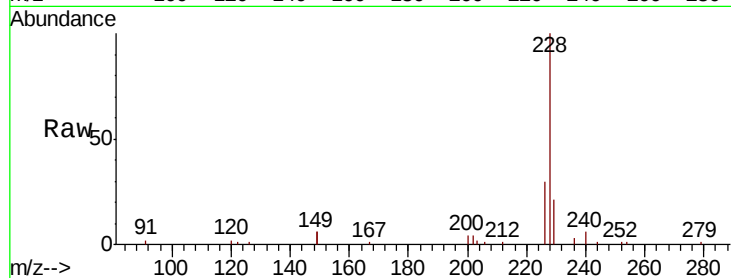
Tot Ion:228 Resp: 10647

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

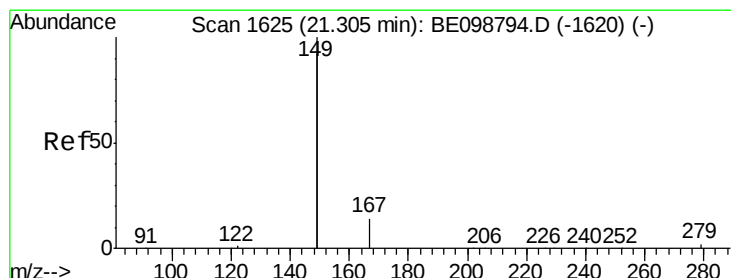
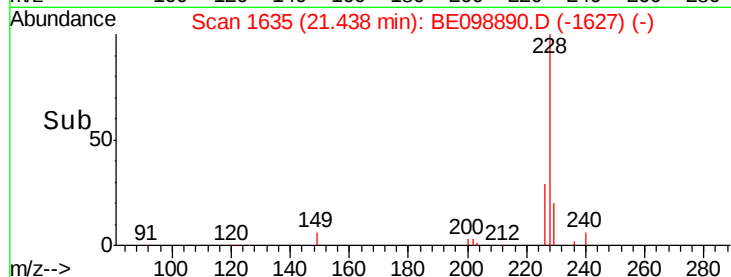
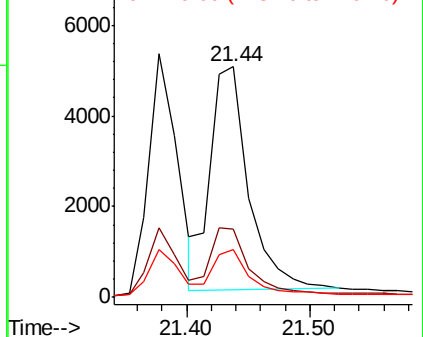
229 20.8 16.1 24.1



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: 0.329 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

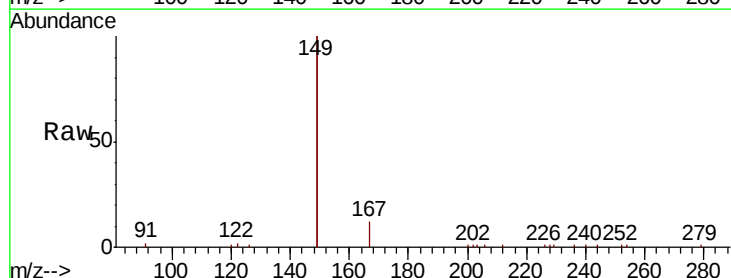
Tgt Ion:149 Resp: 17226

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

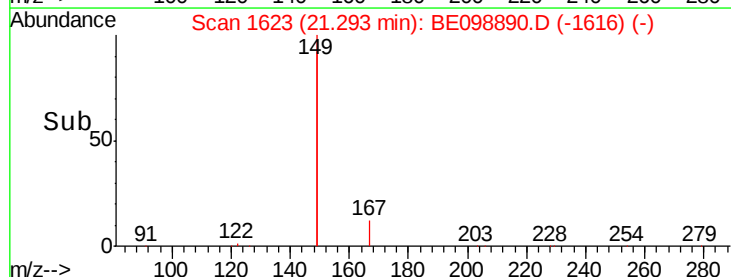
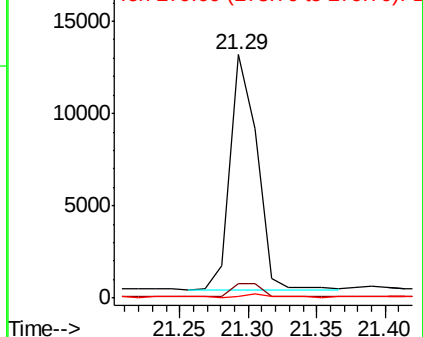
279 1.1 1.0 1.4

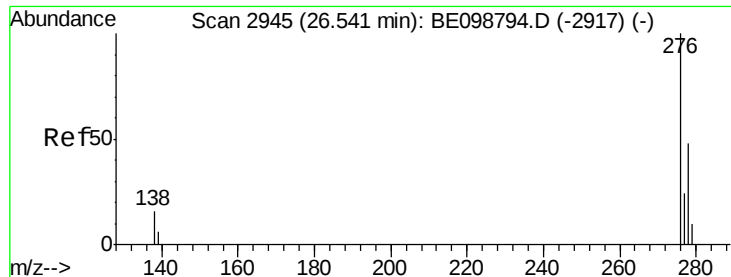


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

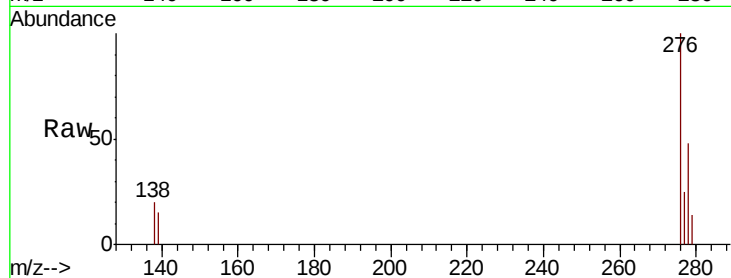




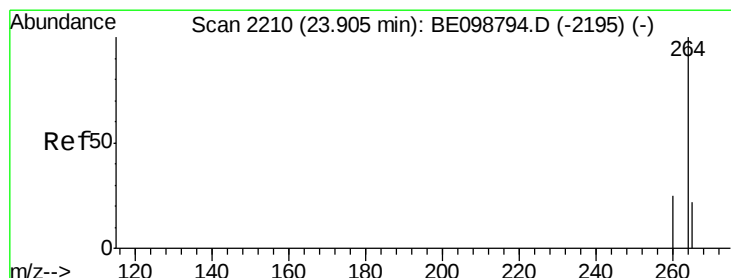
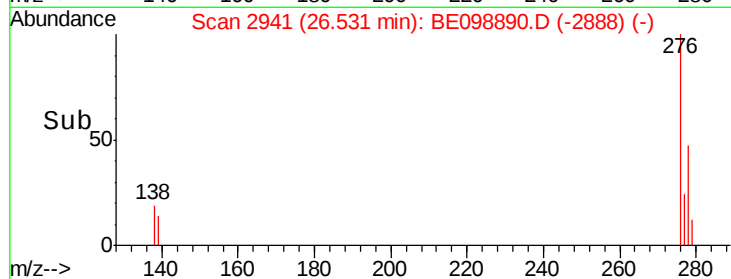
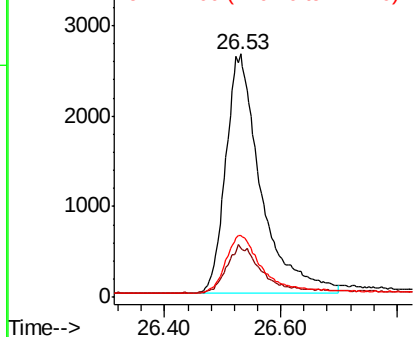
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.400 ng
 RT: 26.53 min Scan# 2941
 Delta R.T. -0.01 min
 Lab File: BE098890.D
 Acq: 12 Mar 2019 10:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 11127
 Ion Ratio Lower Upper
 276 100
 138 19.3 13.8 20.8
 277 24.2 19.5 29.3

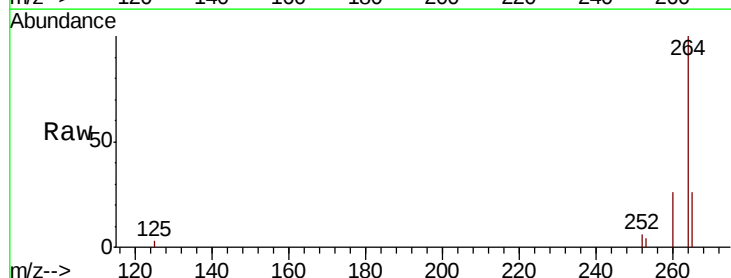


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

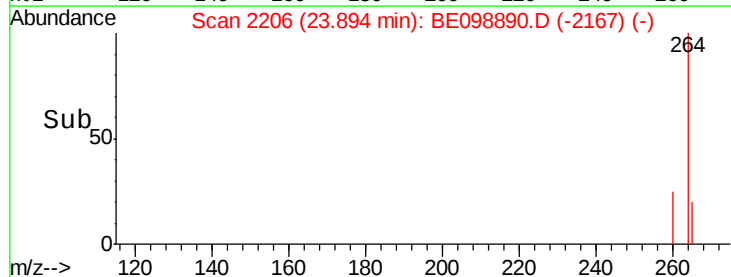
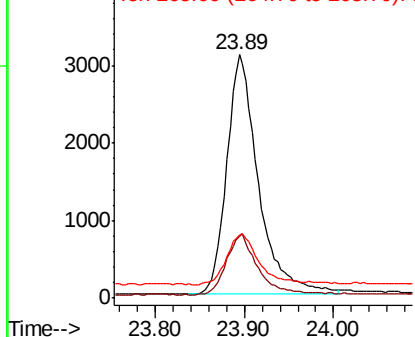


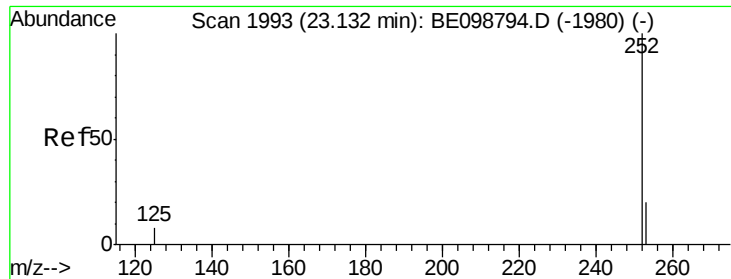
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE098890.D
 Acq: 12 Mar 2019 10:14

Tgt Ion:264 Resp: 7706
 Ion Ratio Lower Upper
 264 100
 260 25.6 21.2 31.8
 265 25.9 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

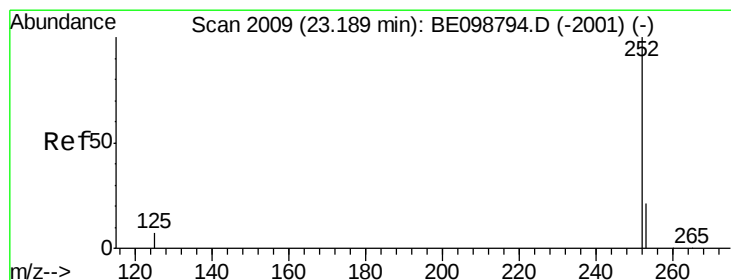
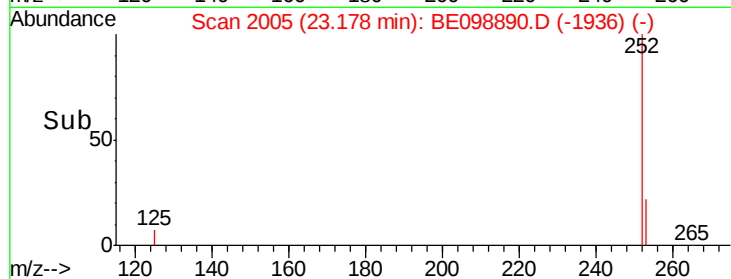
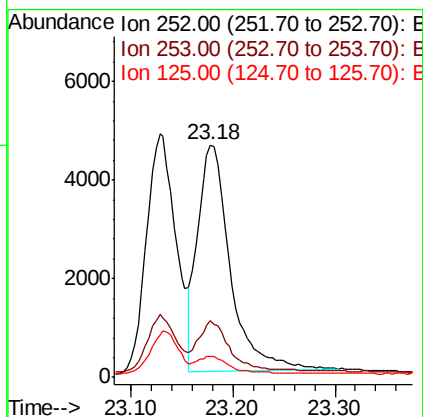
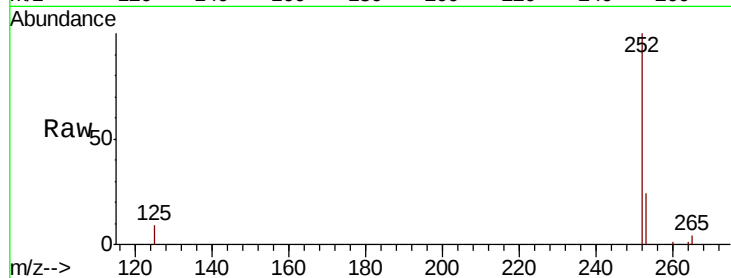




#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.18 min Scan# 2005
Delta R.T. 0.05 min
Lab File: BE098890.D
Acq: 12 Mar 2019 10:14

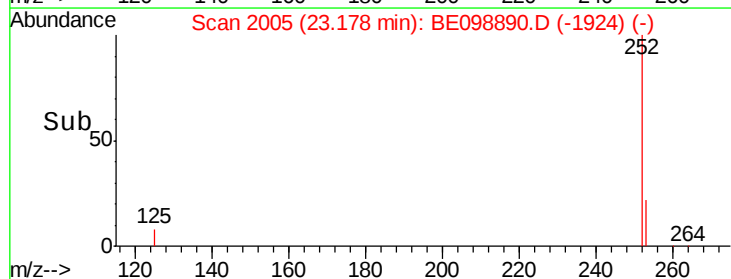
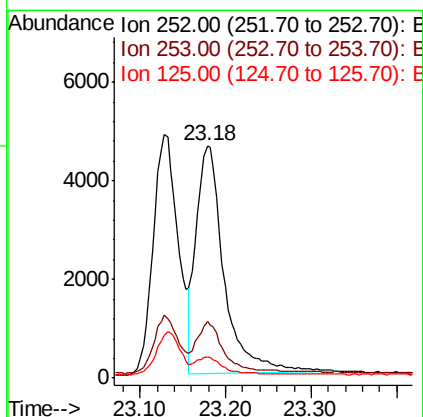
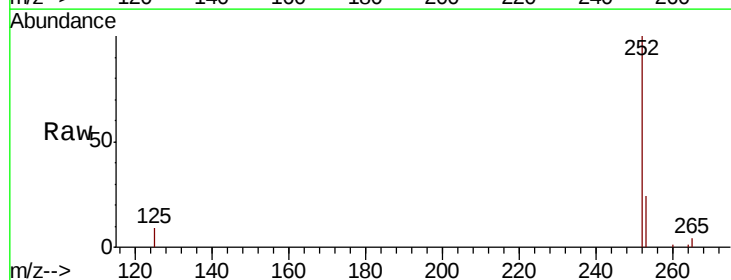
Instrument :
BNA_E
ClientSampleId :

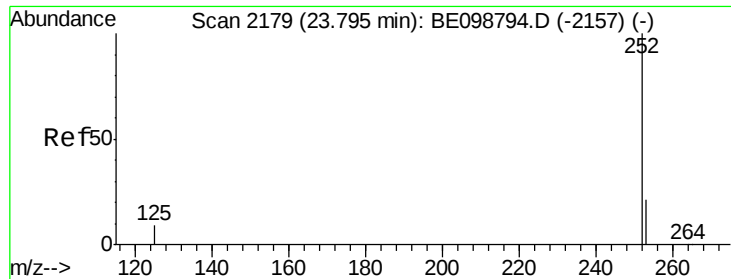
Tot Ion:252 Resp: 10202
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 9.1 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 23.18 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BE098890.D
Acq: 12 Mar 2019 10:14

Tgt Ion:252 Resp: 10453
Ion Ratio Lower Upper
252 100
253 24.2 19.3 28.9
125 9.1 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.79 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

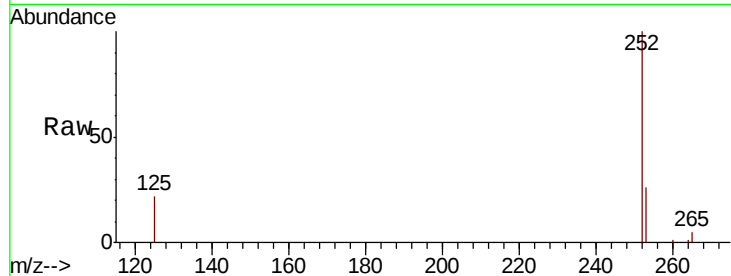
Tot Ion:252 Resp: 9454

Ion Ratio Lower Upper

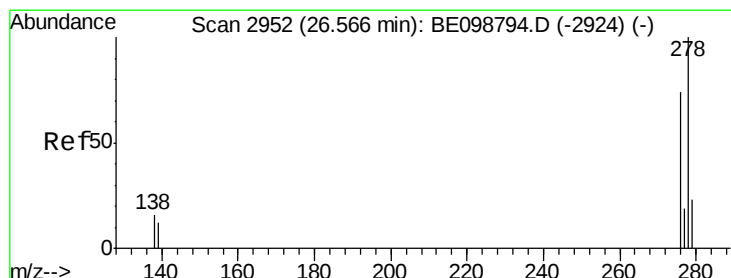
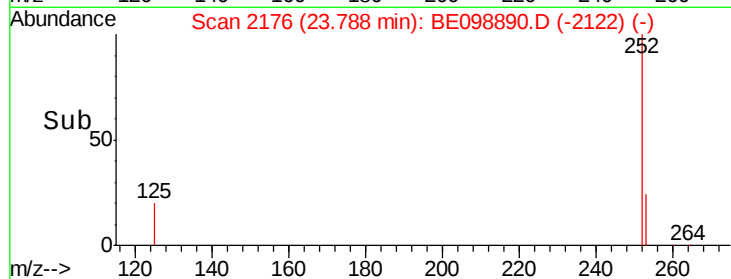
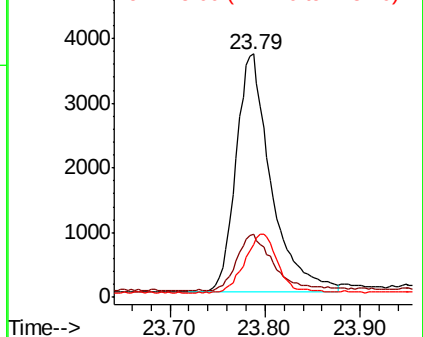
252 100

253 26.0 19.9 29.9

125 21.6 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: 0.378 ng

RT: 26.55 min Scan# 2946

Delta R.T. -0.02 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

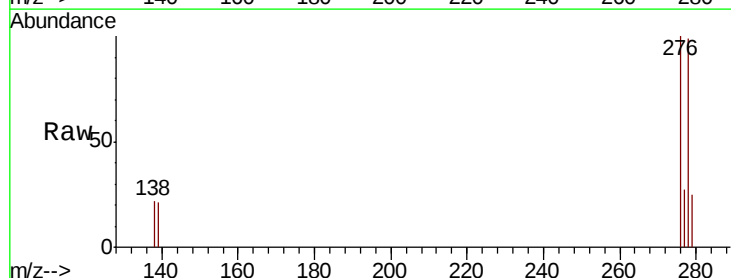
Tgt Ion:278 Resp: 8689

Ion Ratio Lower Upper

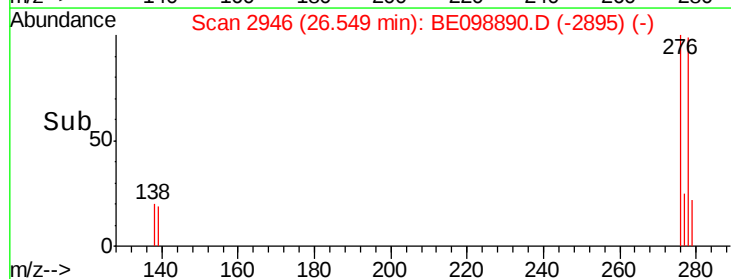
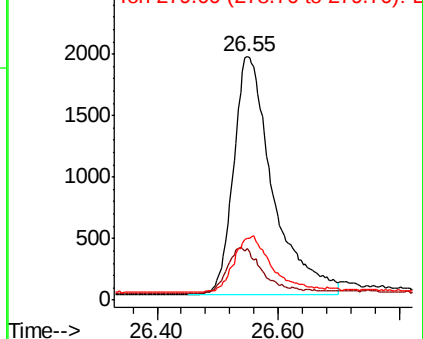
278 100

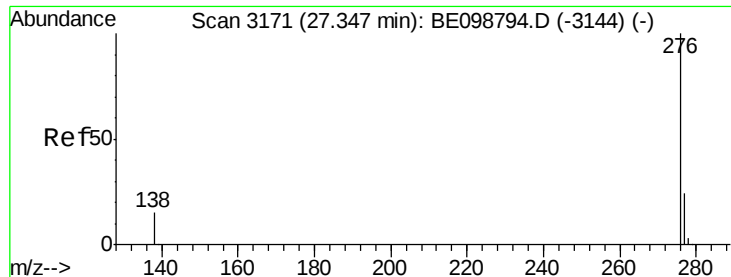
139 21.2 11.8 17.6#

279 25.5 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: 0.386 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BE098890.D

Acq: 12 Mar 2019 10:14

Instrument :

BNA_E

ClientSampleId :

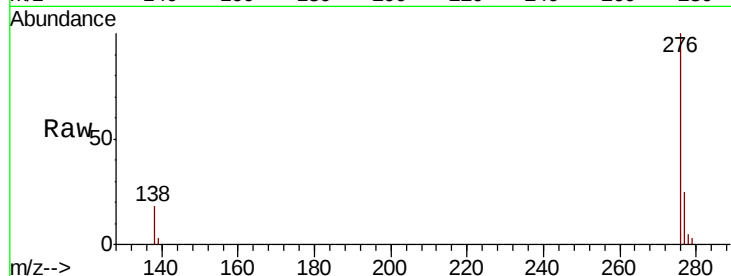
Tot Ion: 276 Resp: 9282

Ion Ratio Lower Upper

276 100

277 24.7 20.4 30.6

138 18.3 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

