

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
 Data File : BE098795.D
 Acq On : 6 Mar 2019 12:43
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 06 13:27:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 13:20:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	822	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3308	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2178	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5744	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7572	0.40	ng	0.00
34) Perylene-d12	23.91	264	7176	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1931	0.88	ng	0.00
5) Phenol-d6	6.97	99	2705	0.87	ng	-0.01
8) Nitrobenzene-d5	8.95	82	2693	1.03	ng	-0.01
11) 2-Methylnaphthalene-d10	12.20	152	4894	0.90	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	889	0.94	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	6932	0.78	ng	-0.01
25) Fluoranthene-d10	19.25	212	70398	0.99	ng	0.00
29) Terphenyl-d14	19.84	244	14493	0.87	ng	0.00

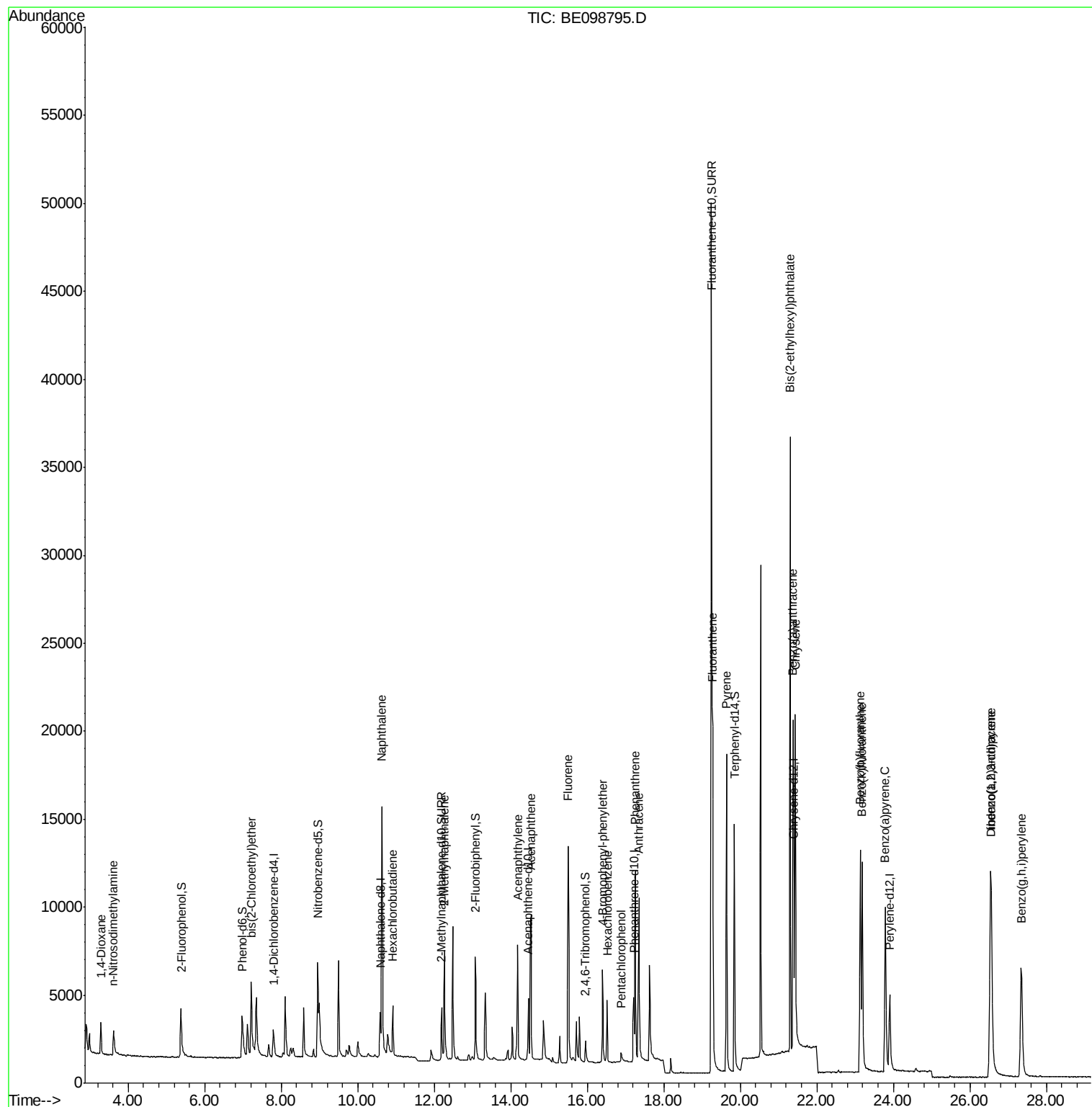
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1172	0.723	ng	96
3) n-Nitrosodimethylamine	3.61	42	1676	1.410	ng	# 99
6) bis(2-Chloroethyl)ether	7.22	93	2203	0.933	ng	96
9) Naphthalene	10.63	128	29930	0.908	ng	99
10) Hexachlorobutadiene	10.91	225	1923	0.816	ng	99
12) 2-Methylnaphthalene	12.27	142	4938	0.904	ng	97
16) Acenaphthylene	14.18	152	8614	0.913	ng	97
17) Acenaphthene	14.53	154	5155	0.871	ng	99
18) Fluorene	15.50	166	7461	0.969	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	2525	0.830	ng	99
21) Hexachlorobenzene	16.52	284	2850	0.776	ng	96
22) Pentachlorophenol	16.88	266	501	0.466	ng	# 80
23) Phenanthrene	17.25	178	12591	0.925	ng	98
24) Anthracene	17.35	178	10887	0.934	ng	100
26) Fluoranthene	19.28	202	17868	1.020	ng	99
28) Pyrene	19.64	202	18271	0.876	ng	99
30) Benzo(a)anthracene	21.38	228	18909	0.929	ng	99
31) Chrysene	21.44	228	19264	0.913	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	37063	0.858	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	20712	0.952	ng	98
35) Benzo(b)fluoranthene	23.14	252	18614	0.951	ng	100
36) Benzo(k)fluoranthene	23.19	252	19606	0.916	ng	97
37) Benzo(a)pyrene	23.79	252	17708	0.921	ng	96
38) Dibenzo(a,h)anthracene	26.57	278	17183	1.009	ng	95
39) Benzo(g,h,i)perylene	27.34	276	17380	0.931	ng	99

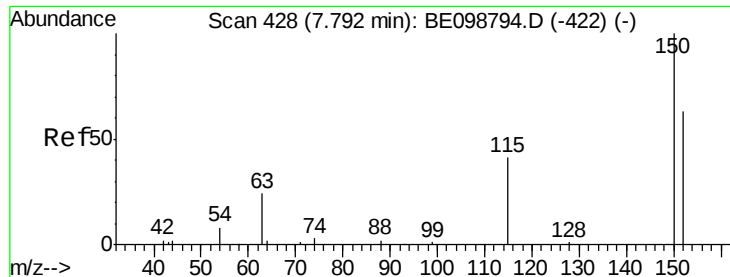
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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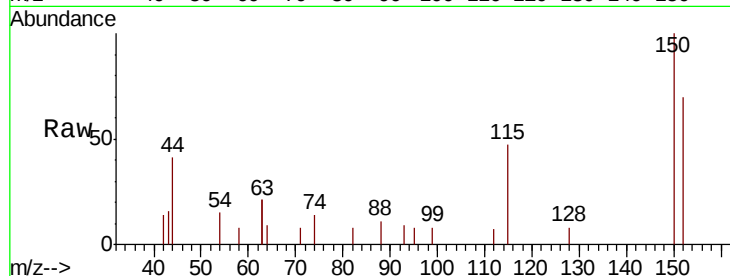


#1

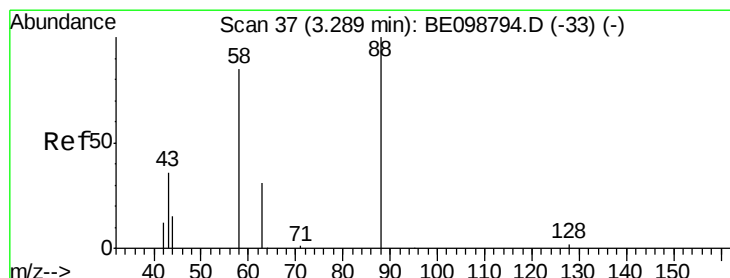
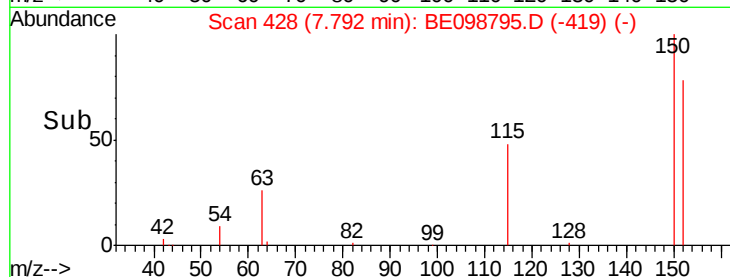
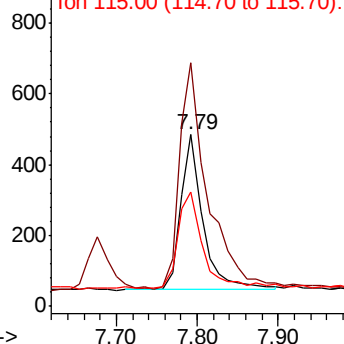
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 822
Ion Ratio Lower Upper
152 100
150 142.1 122.5 183.7
115 66.5 57.4 86.2



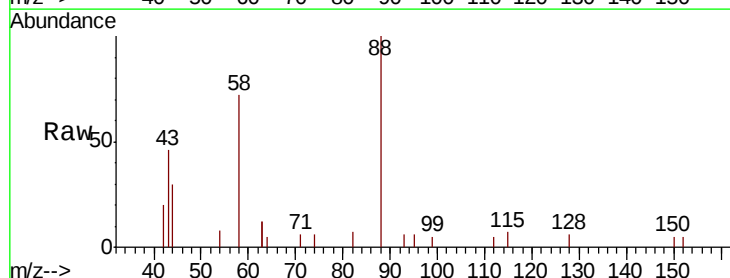
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



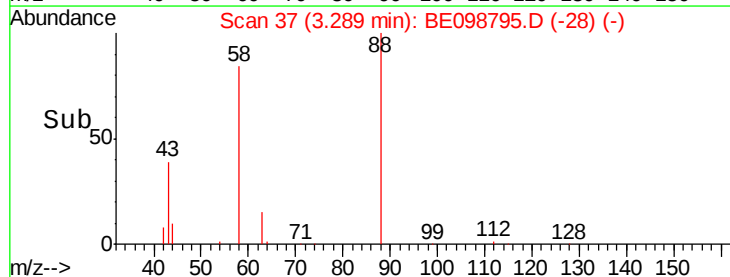
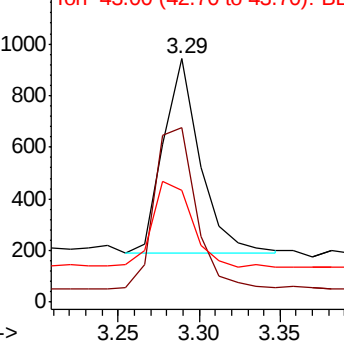
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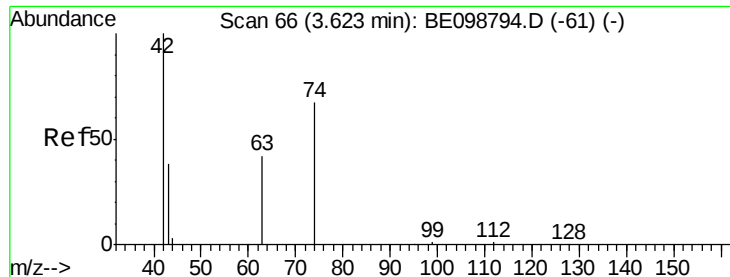
1,4-Dioxane
Concen: 0.723 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

Tgt Ion: 88 Resp: 1172
Ion Ratio Lower Upper
88 100
58 96.3 75.8 113.6
43 47.1 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



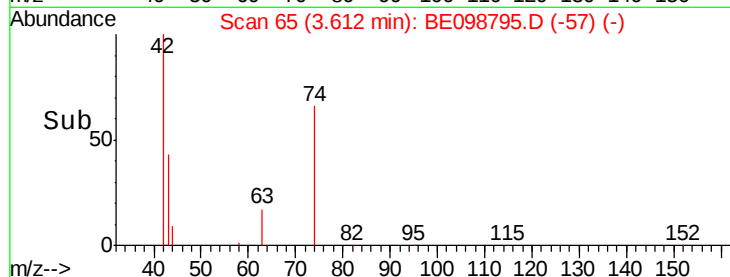
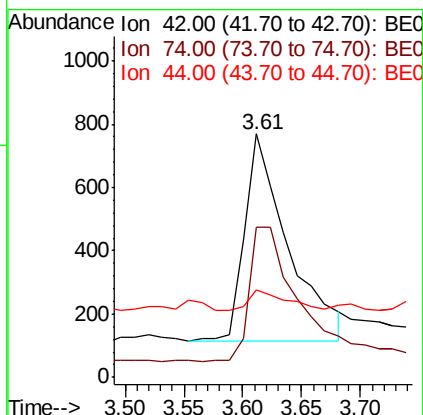
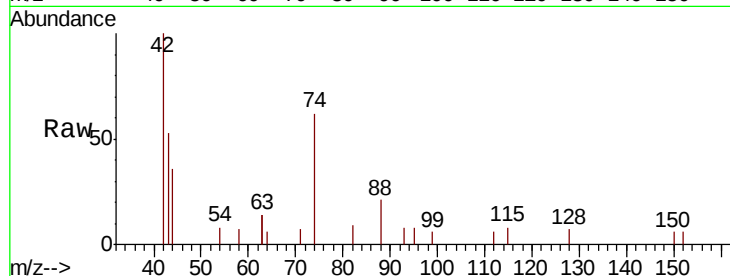


#3

n-Nitrosodimethylamine
 Concen: 1.410 ng
 RT: 3.61 min Scan# 65
 Delta R.T. -0.01 min
 Lab File: BE098795.D
 Acq: 6 Mar 2019 12:43

Instrument :
 BNA_E
 ClientSampleId :

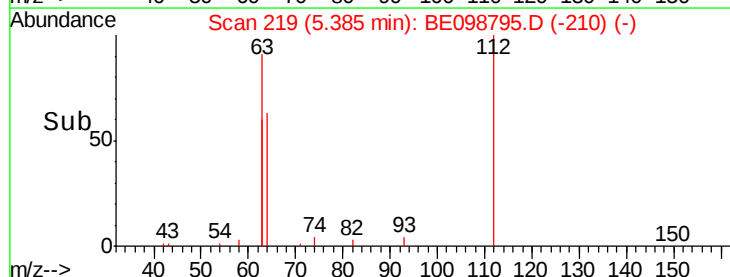
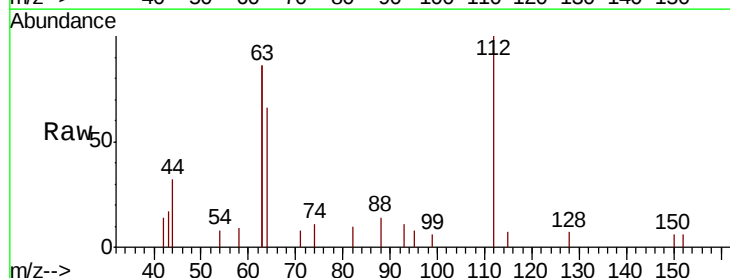
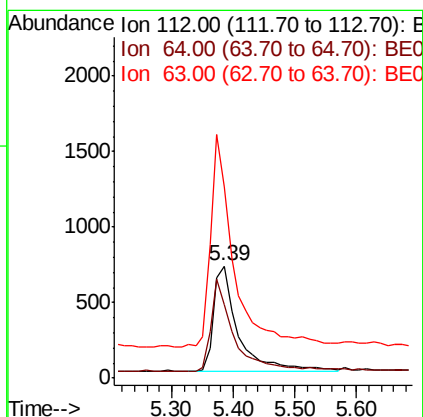
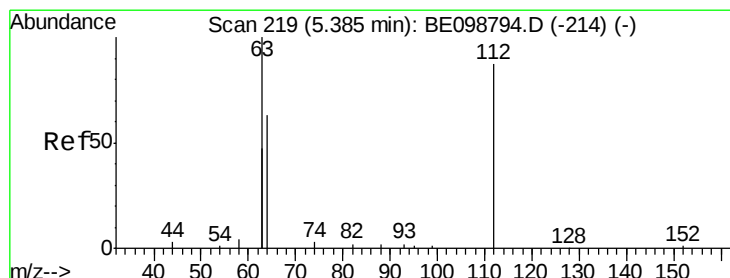
Tot Ion: 42 Resp: 1676
 Ion Ratio Lower Upper
 42 100
 74 70.1 57.0 85.4
 44 8.3 0.0 0.0#

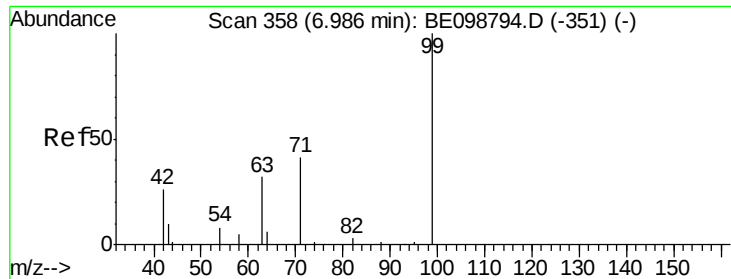


#4

2-Fluorophenol
 Concen: 0.881 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE098795.D
 Acq: 6 Mar 2019 12:43

Tgt Ion: 112 Resp: 1931
 Ion Ratio Lower Upper
 112 100
 64 80.5 57.9 86.9
 63 191.6 158.3 237.5





#5

Phenol-d6

Concen: 0.866 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampled :

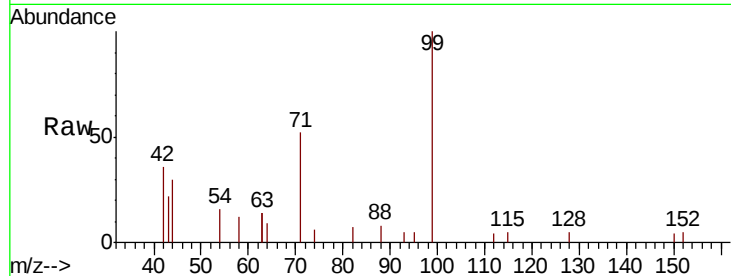
Tot Ion: 99 Resp: 2705

Ion Ratio Lower Upper

99 100

42 33.7 24.2 36.2

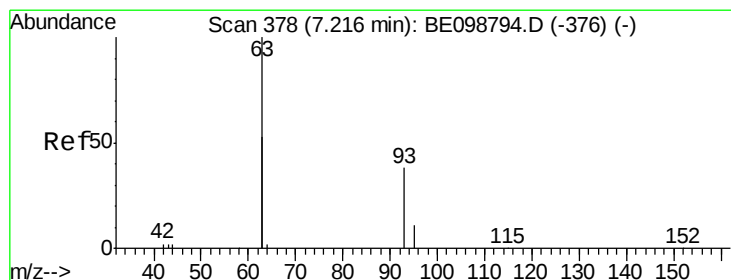
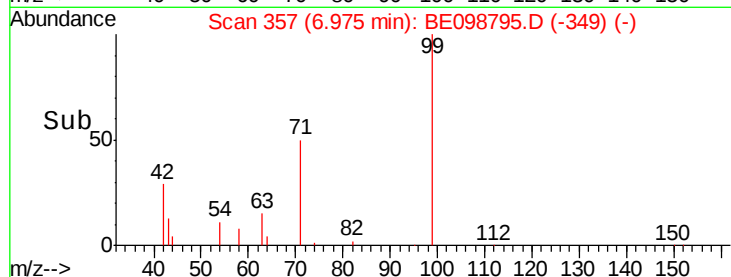
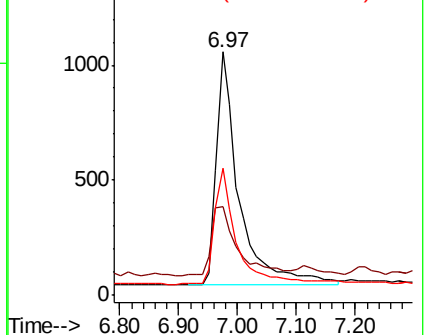
71 48.2 35.7 53.5



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: 0.933 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

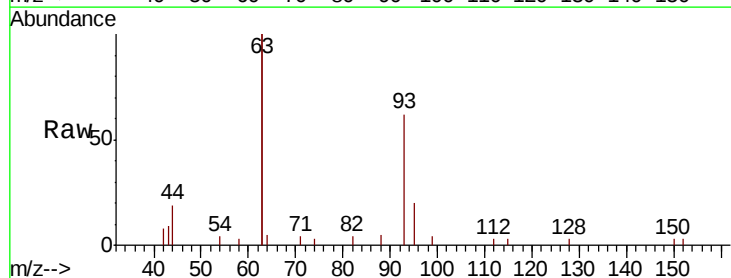
Tgt Ion: 93 Resp: 2203

Ion Ratio Lower Upper

93 100

63 317.9 247.5 371.3

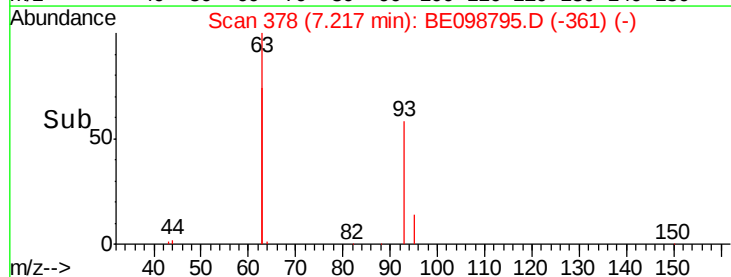
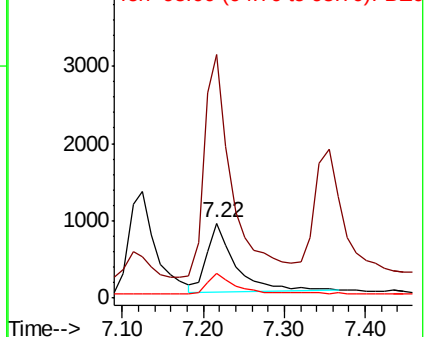
95 31.0 21.8 32.8

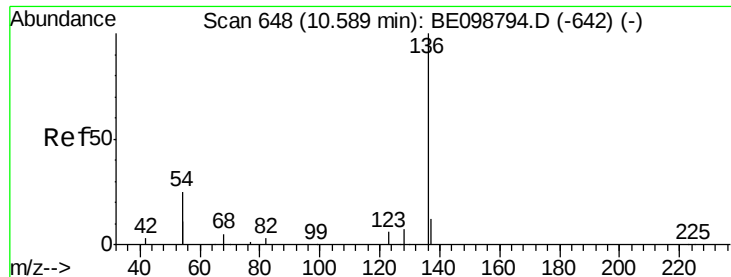


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3308

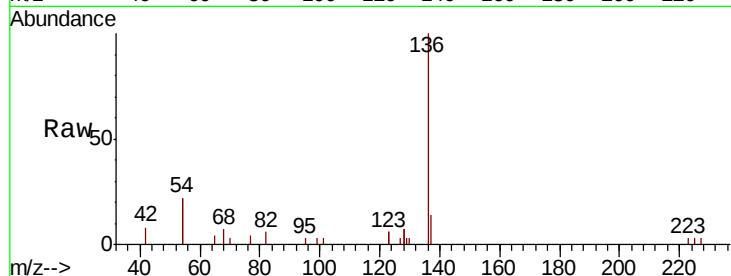
Ion Ratio Lower Upper

136 100

137 13.8 11.4 17.0

54 43.5 39.3 58.9

68 6.8 6.7 10.1

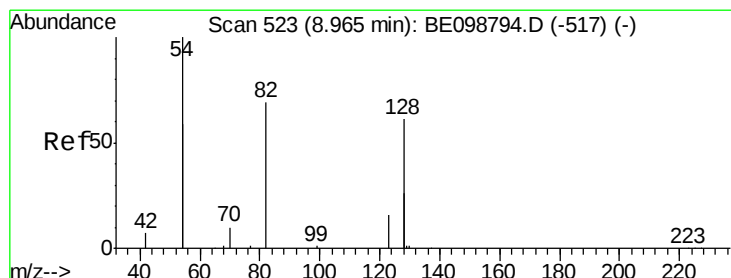
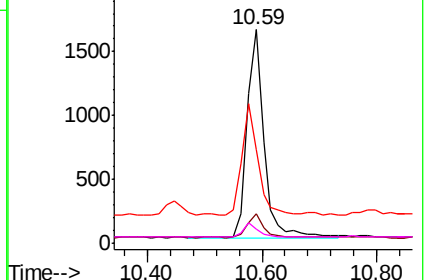
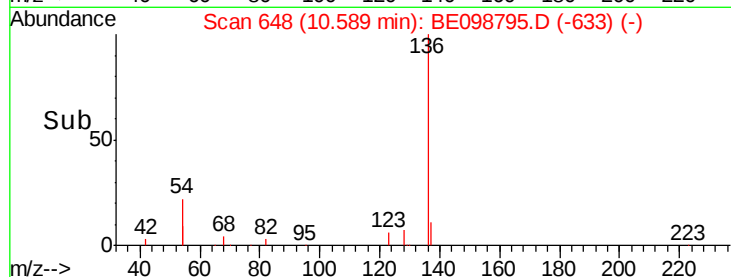


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.026 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

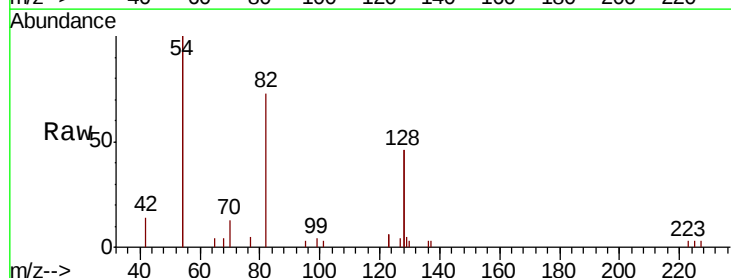
Tgt Ion: 82 Resp: 2693

Ion Ratio Lower Upper

82 100

128 125.9 123.8 185.8

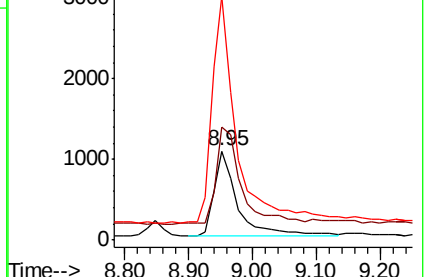
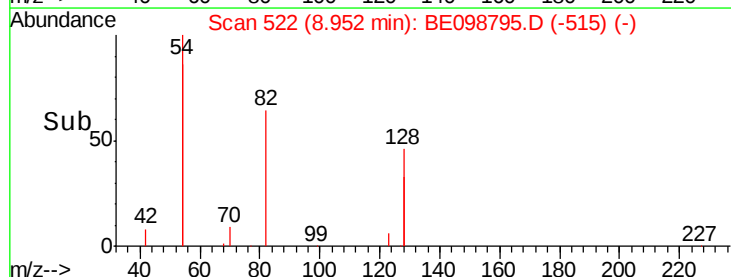
54 272.6 203.4 305.2

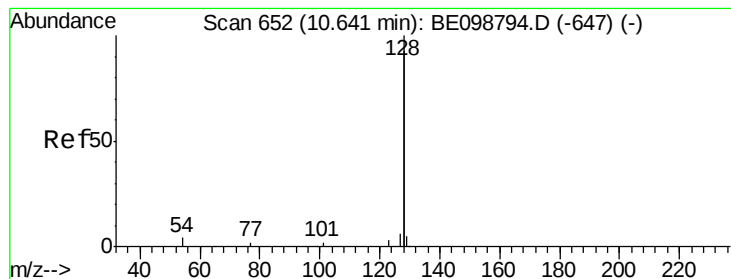


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.908 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

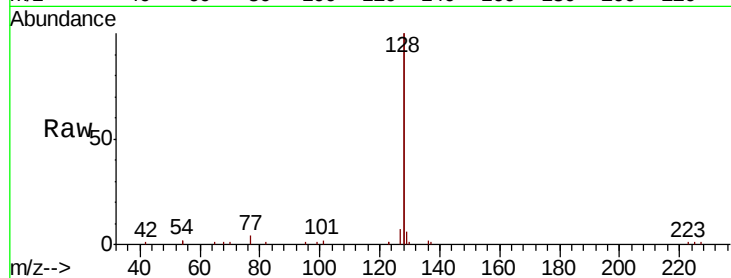
Tot Ion:128 Resp: 29930

Ion Ratio Lower Upper

128 100

129 2.9 2.6 4.0

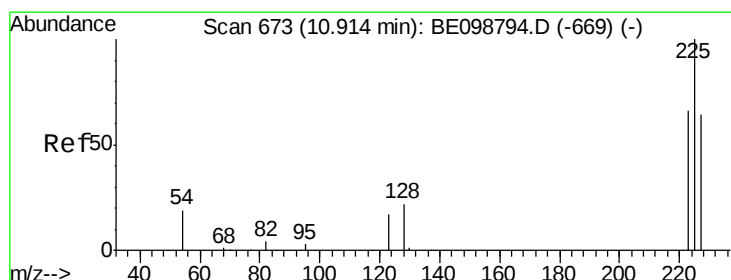
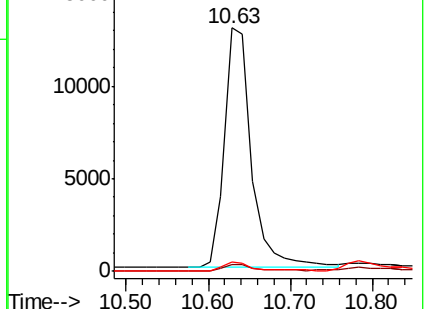
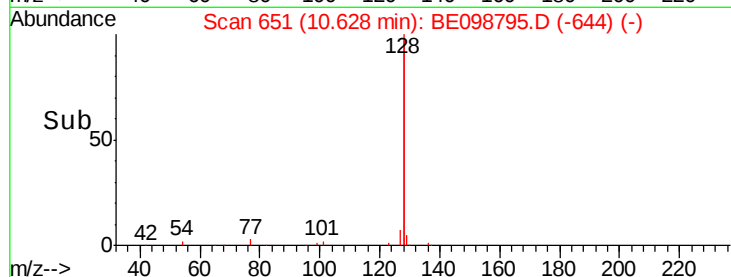
127 3.7 3.1 4.7



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: 0.816 ng

RT: 10.91 min Scan# 673

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

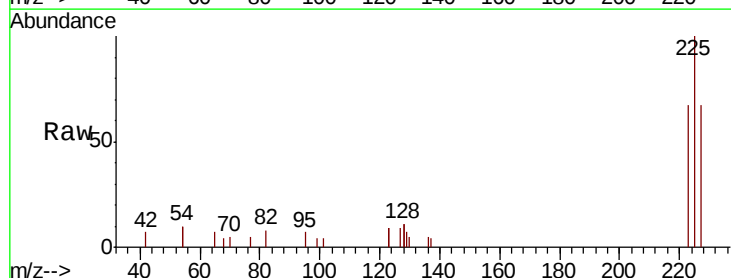
Tgt Ion:225 Resp: 1923

Ion Ratio Lower Upper

225 100

223 64.4 51.1 76.7

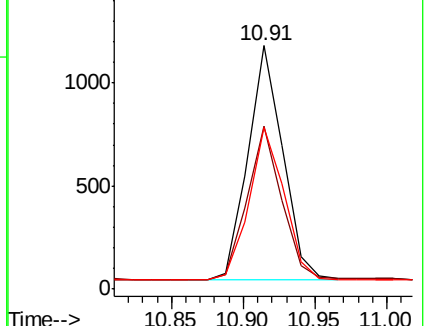
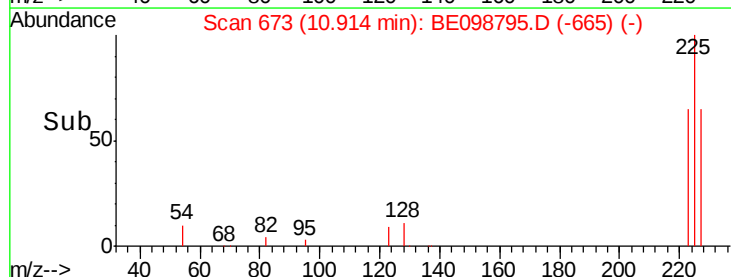
227 65.3 51.6 77.4

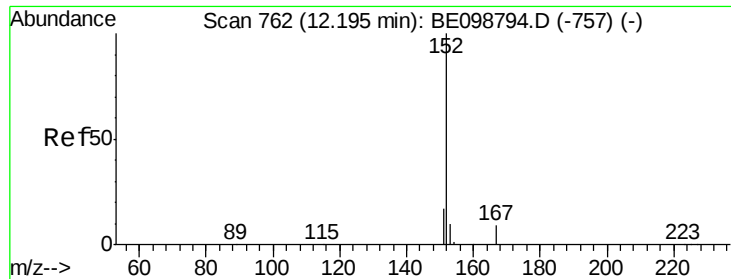


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

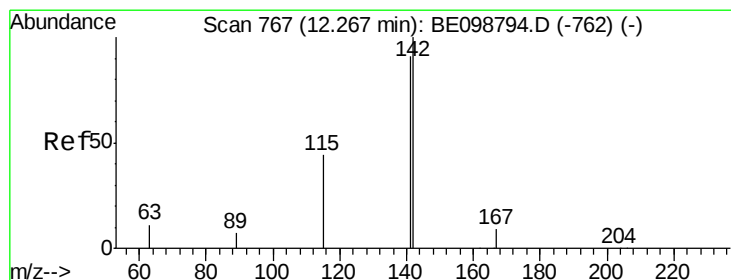
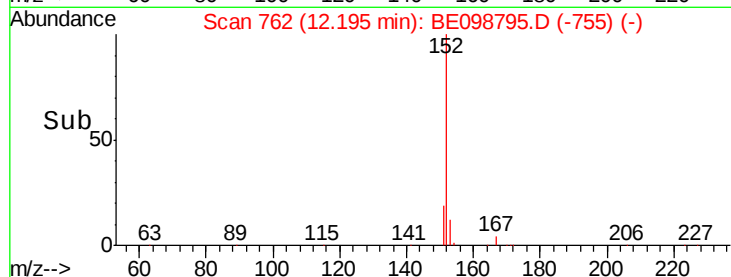
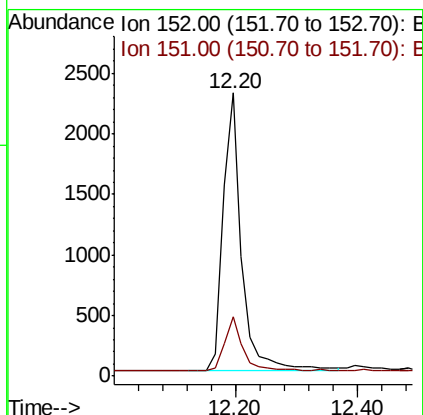
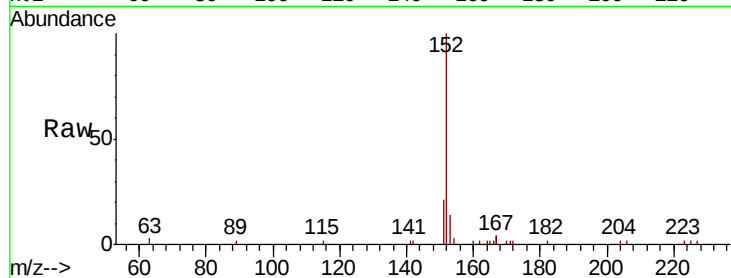




#11
2-Methylnaphthalene-d10
Concen: 0.899 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

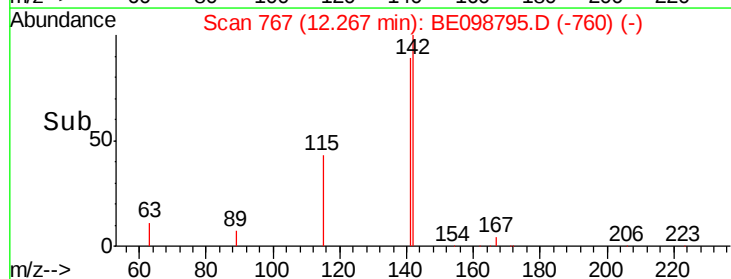
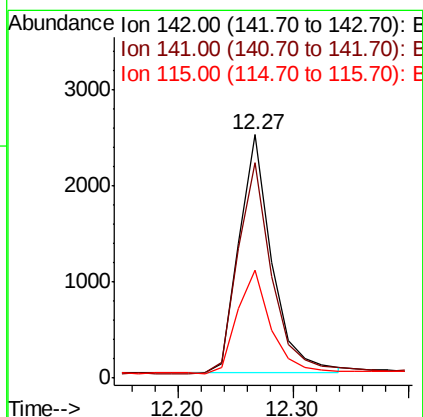
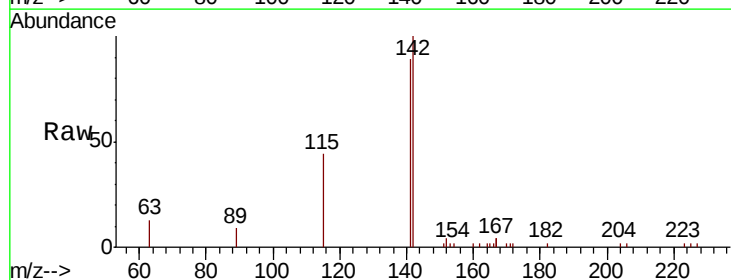
Instrument :
BNA_E
ClientSampleId :

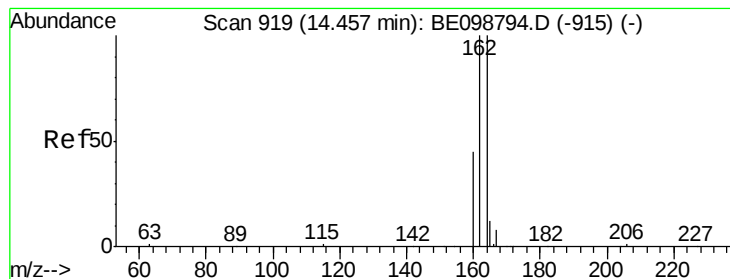
Tot Ion:152 Resp: 4894
Ion Ratio Lower Upper
152 100
151 18.7 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.904 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

Tgt Ion:142 Resp: 4938
Ion Ratio Lower Upper
142 100
141 88.7 72.6 108.8
115 44.2 37.4 56.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

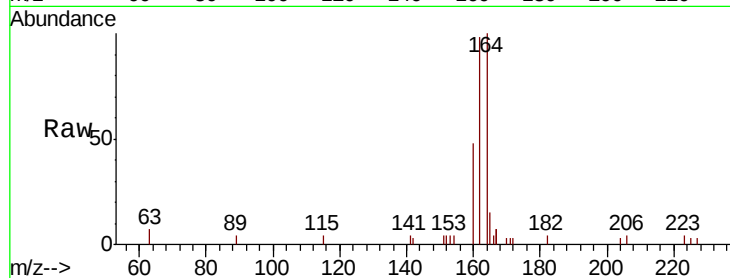
Tot Ion:164 Resp: 2178

Ion Ratio Lower Upper

164 100

162 98.0 80.2 120.2

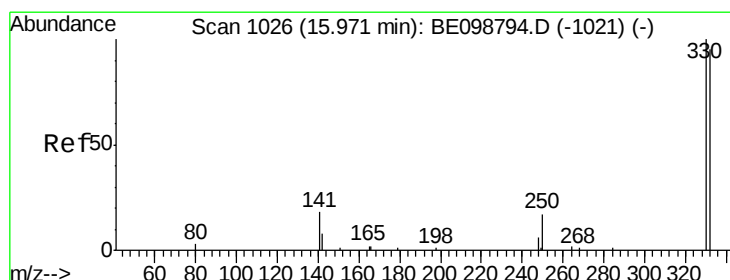
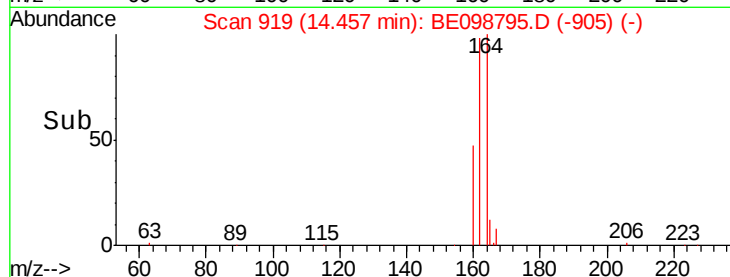
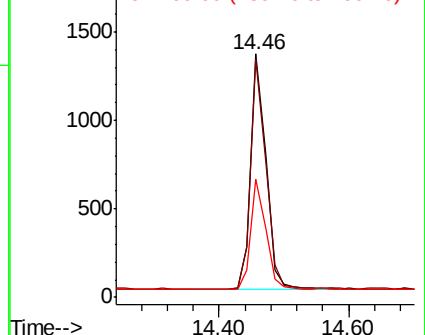
160 48.4 37.8 56.8



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: 0.938 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

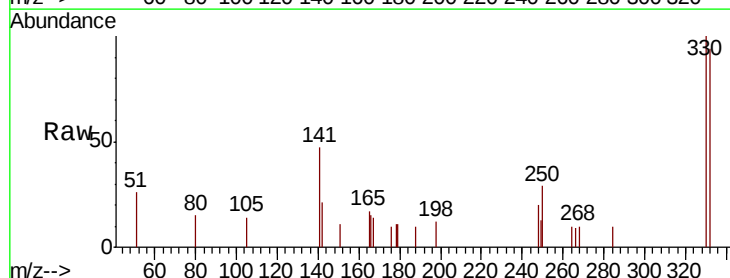
Tgt Ion:330 Resp: 889

Ion Ratio Lower Upper

330 100

332 99.0 77.6 116.4

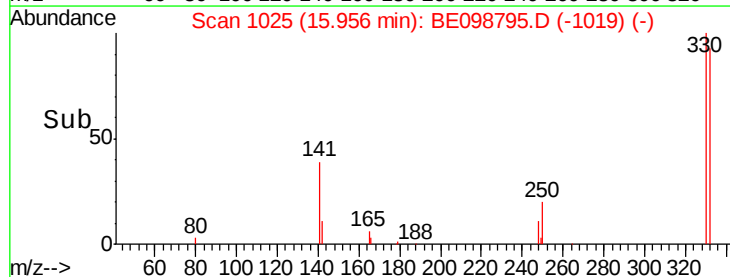
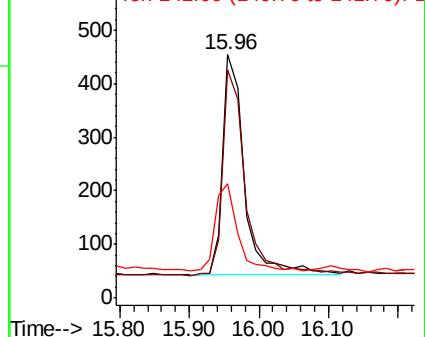
141 40.3 31.0 46.4

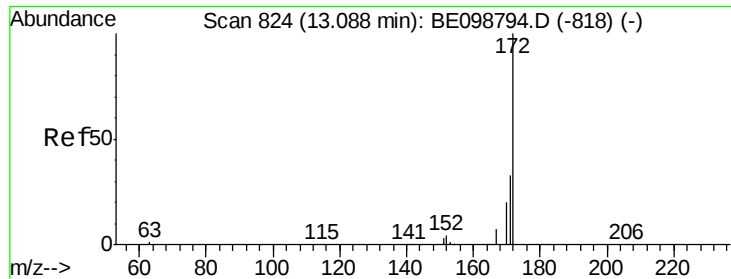


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

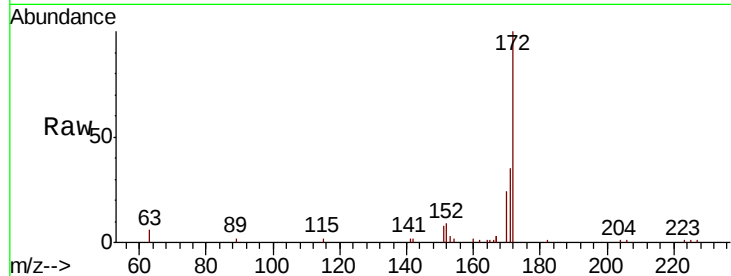




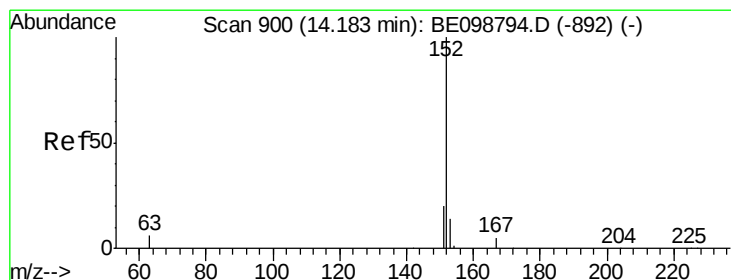
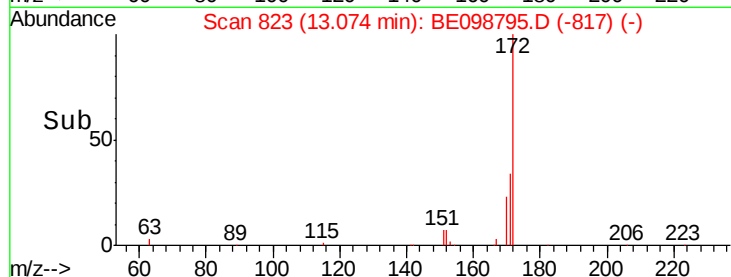
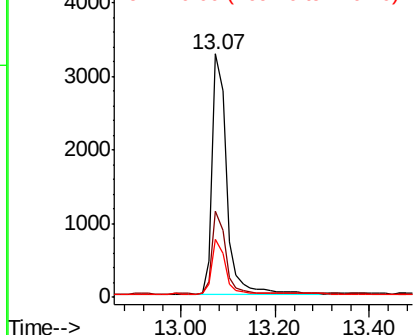
#15
2-Fluorobiphenyl
Concen: 0.777 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6932
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 24.1 17.7 26.5

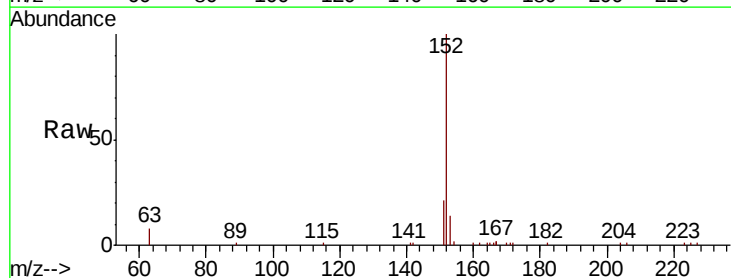


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

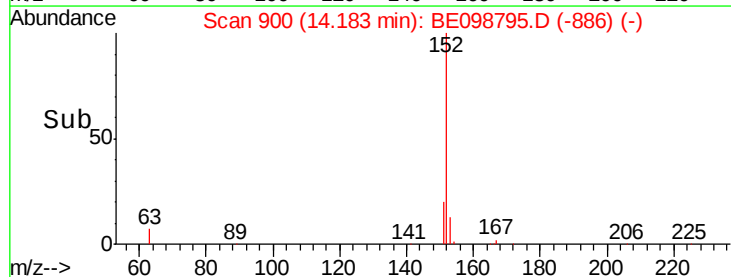
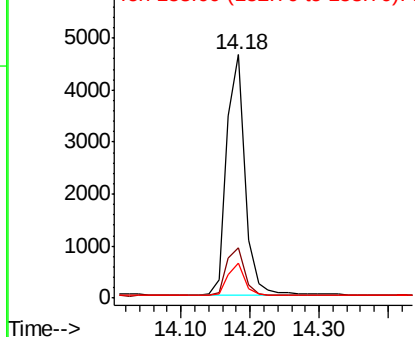


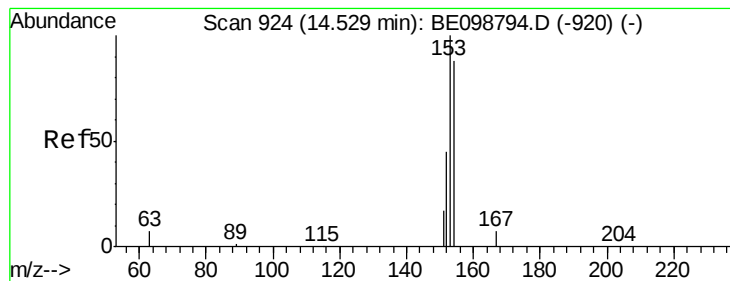
#16
Acenaphthylene
Concen: 0.913 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

Tgt Ion:152 Resp: 8614
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.6
153 12.8 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: 0.871 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

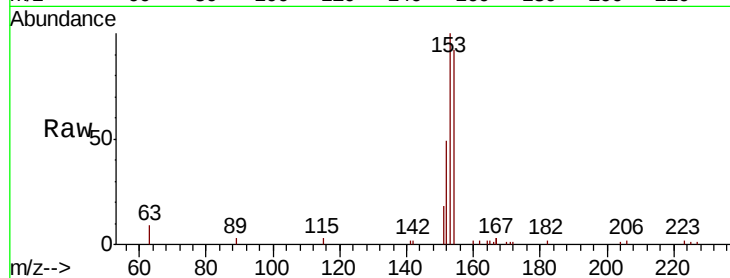
Tot Ion:154 Resp: 5155

Ion Ratio Lower Upper

154 100

153 116.5 94.2 141.4

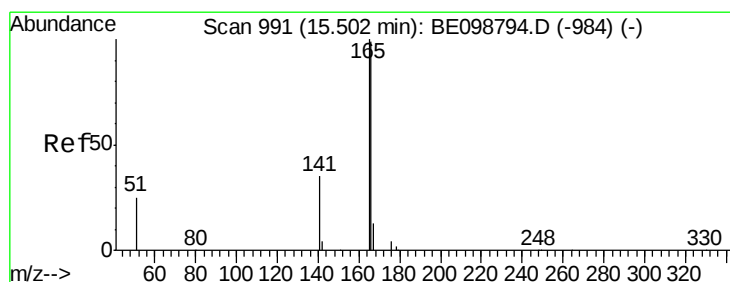
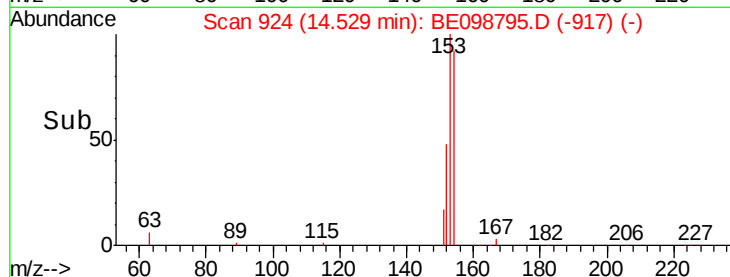
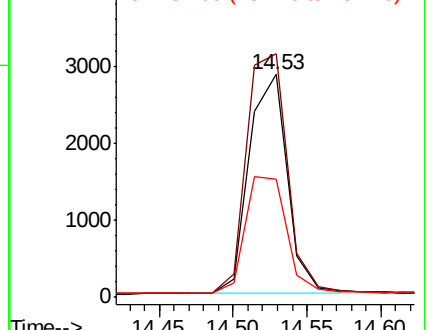
152 56.8 45.0 67.4



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: 0.969 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

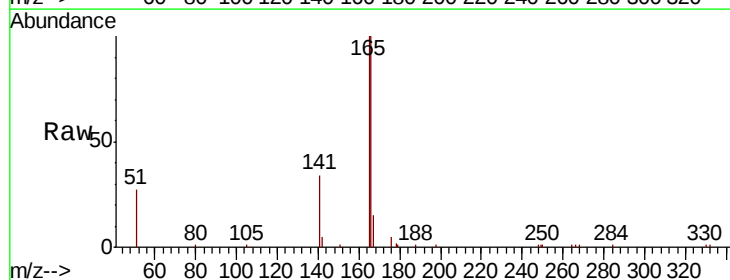
Tgt Ion:166 Resp: 7461

Ion Ratio Lower Upper

166 100

165 98.8 79.3 118.9

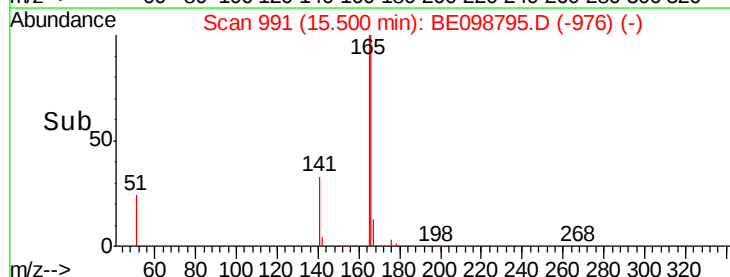
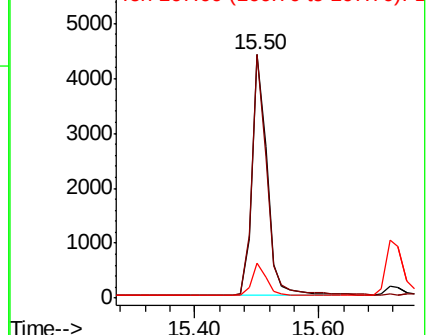
167 13.3 10.5 15.7

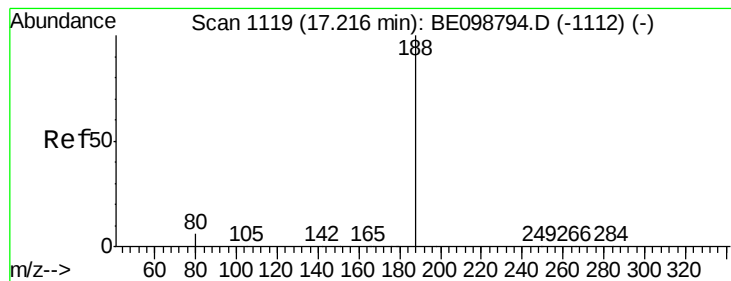


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

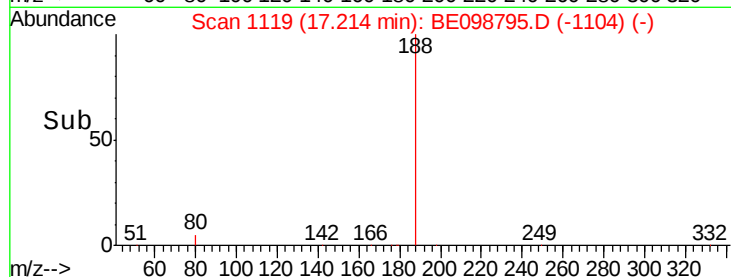
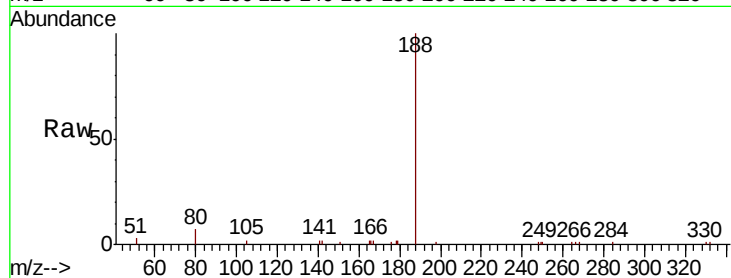
Tot Ion:188 Resp: 5744

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

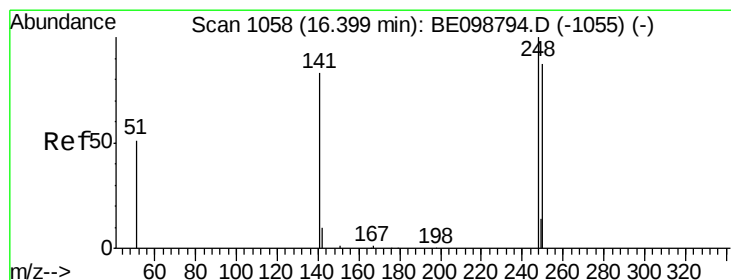
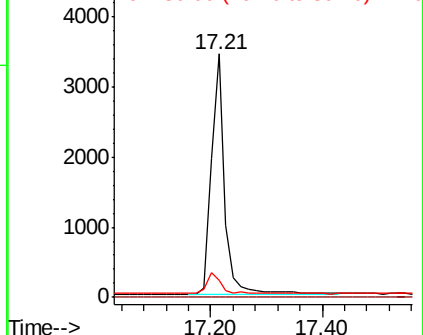
80 6.9 6.3 9.5



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: 0.830 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

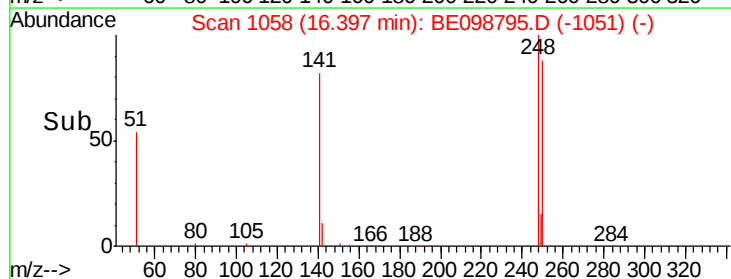
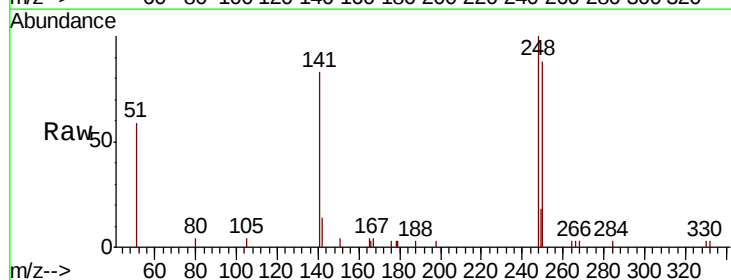
Tgt Ion:248 Resp: 2525

Ion Ratio Lower Upper

248 100

250 88.1 70.6 105.8

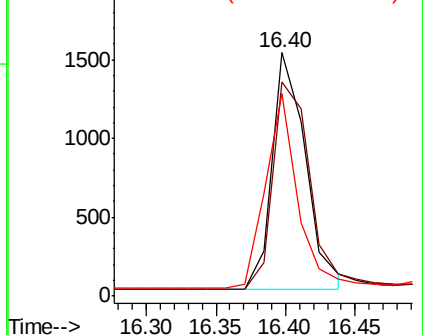
141 83.0 68.6 102.8

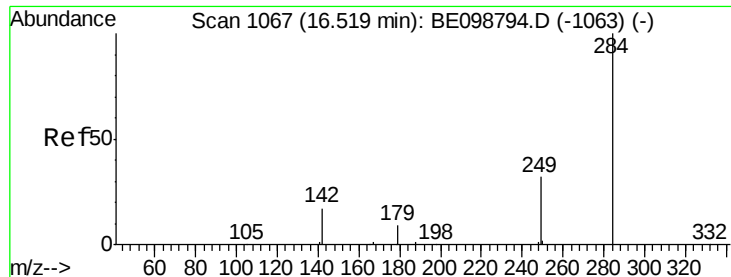


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

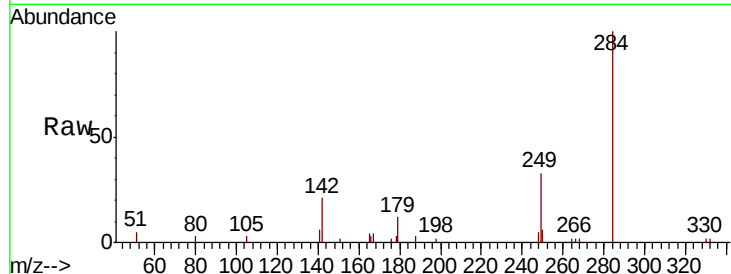




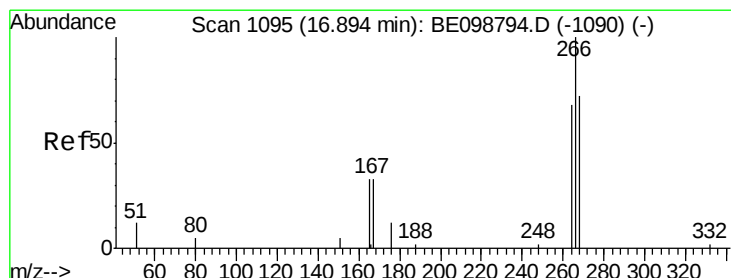
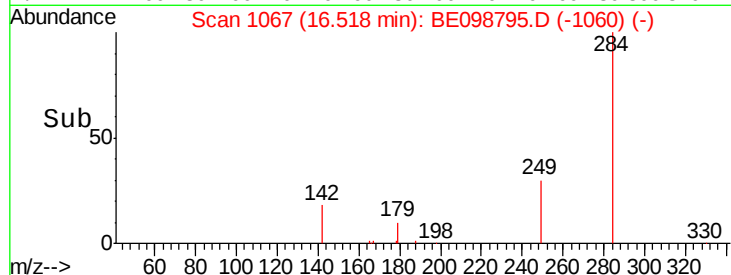
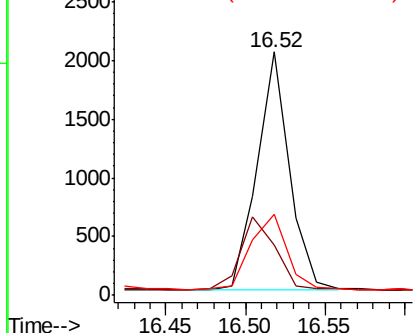
#21
Hexachlorobenzene
Concen: 0.776 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.7	43.1
249	34.7	29.6	44.4

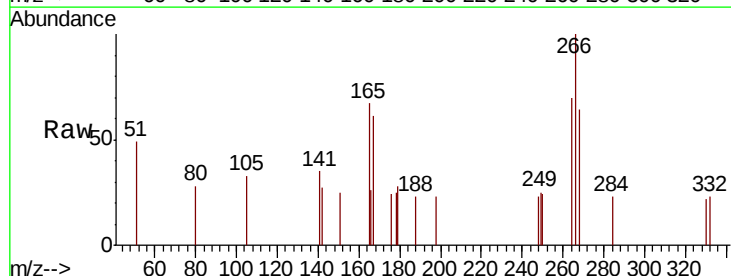


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

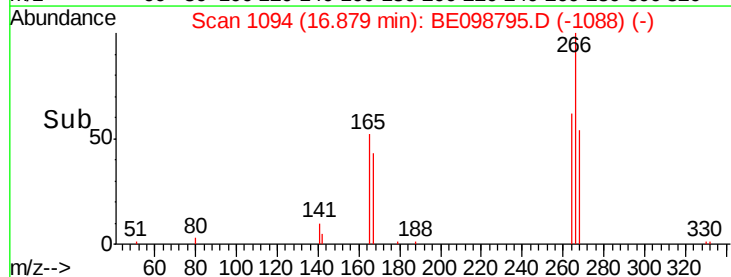
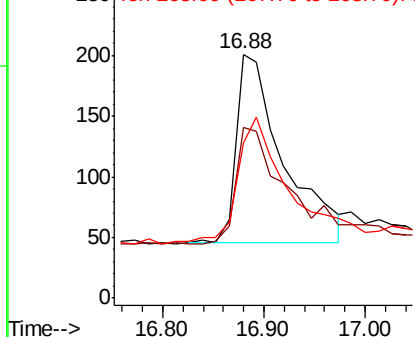


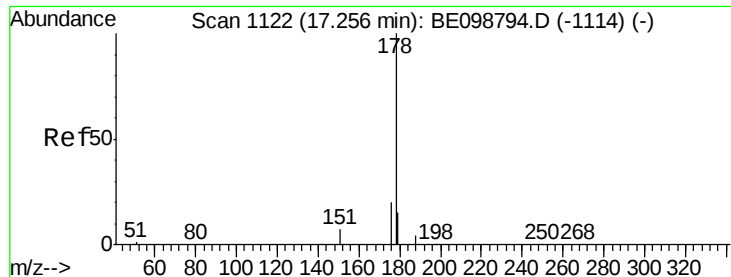
#22
Pentachlorophenol
Concen: 0.466 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

Tgt Ion	Ratio	Lower	Upper
266	100		
264	70.1	66.6	100.0
268	63.7	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: 0.925 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

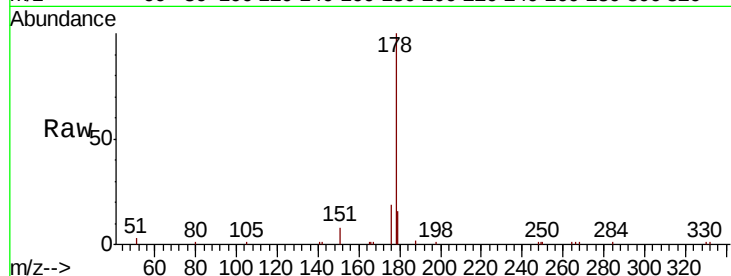
Tot Ion:178 Resp: 12591

Ion Ratio Lower Upper

178 100

176 19.0 16.0 24.0

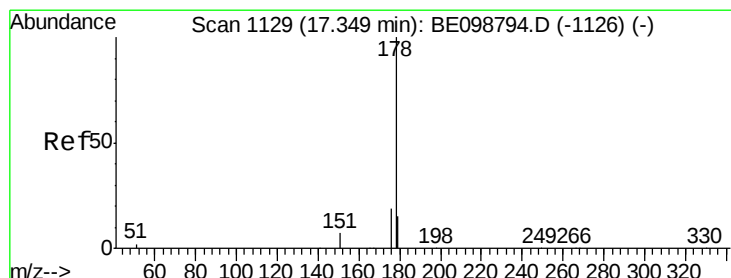
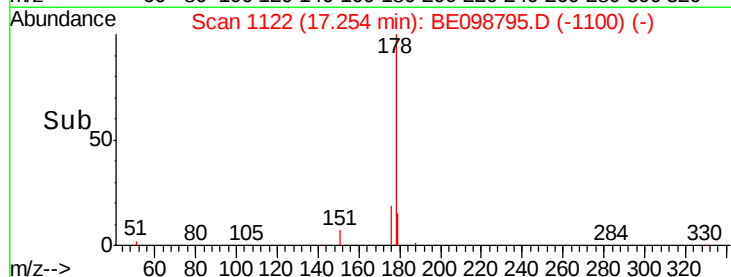
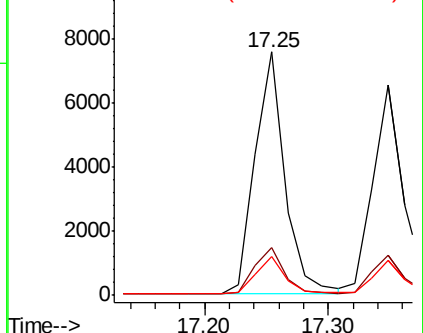
179 15.4 12.1 18.1



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: 0.934 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

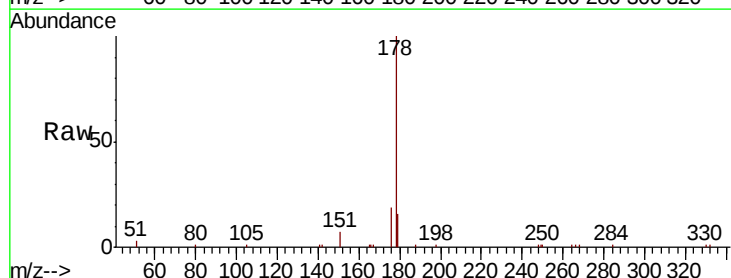
Tgt Ion:178 Resp: 10887

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

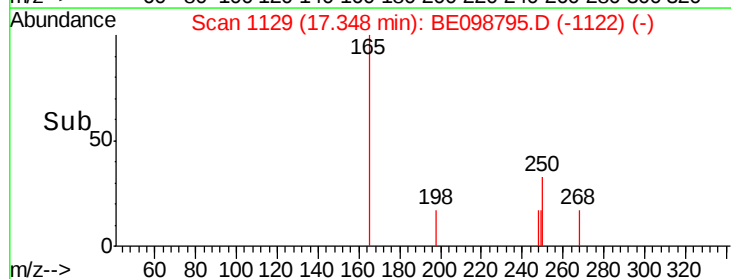
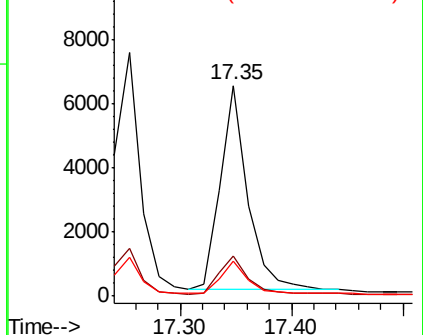
179 15.1 12.2 18.4

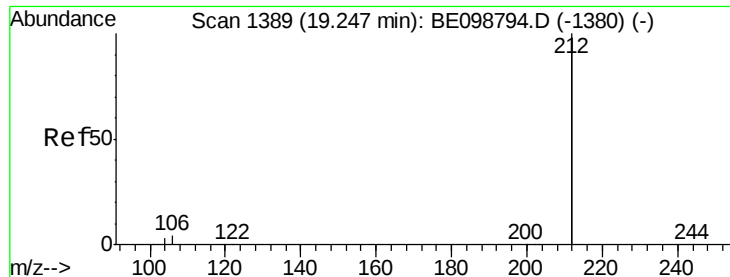


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.989 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

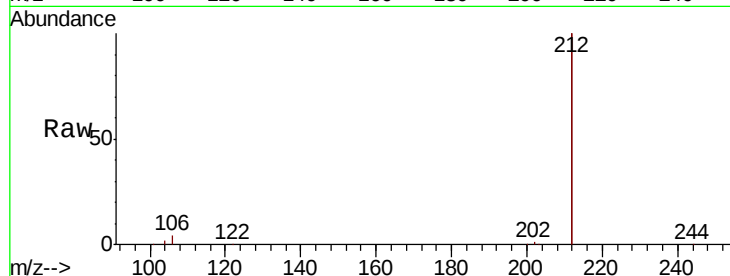
Tot Ion:212 Resp: 70398

Ion Ratio Lower Upper

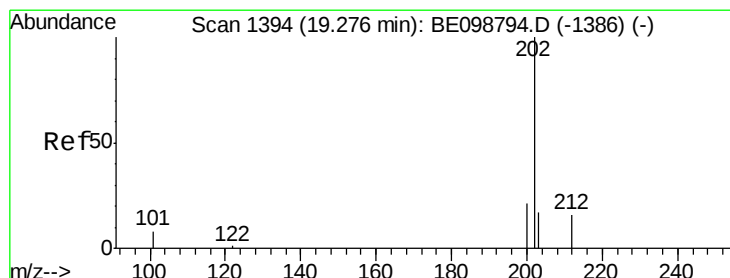
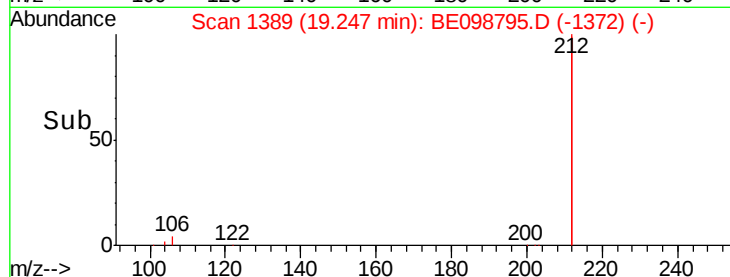
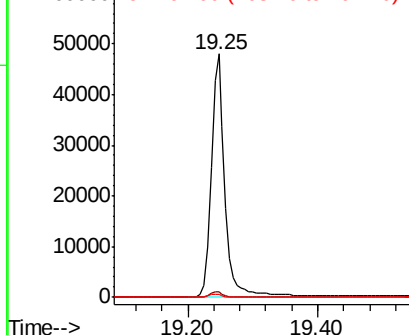
212 100

106 2.3 1.8 2.8

104 1.4 1.0 1.6



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 1.020 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

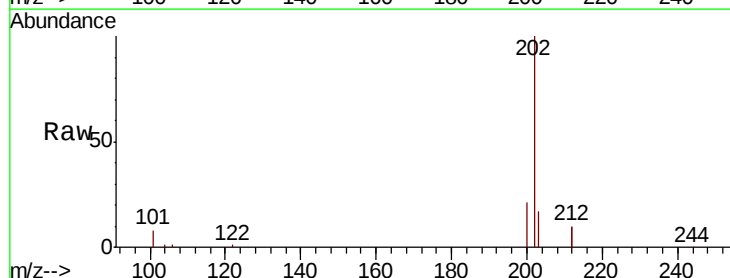
Tgt Ion:202 Resp: 17868

Ion Ratio Lower Upper

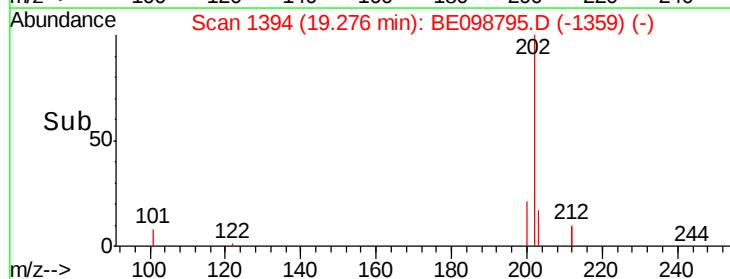
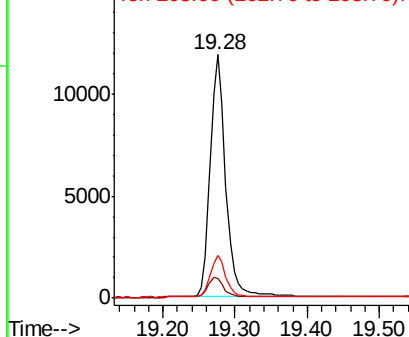
202 100

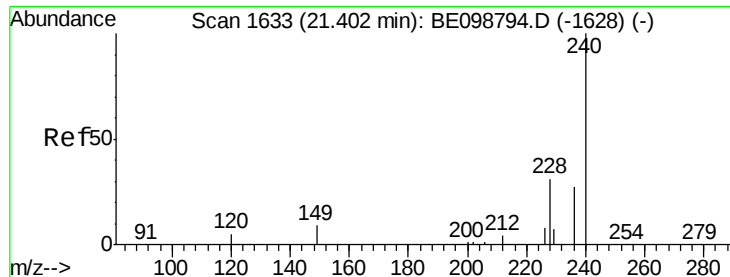
101 8.5 7.3 10.9

203 17.0 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: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

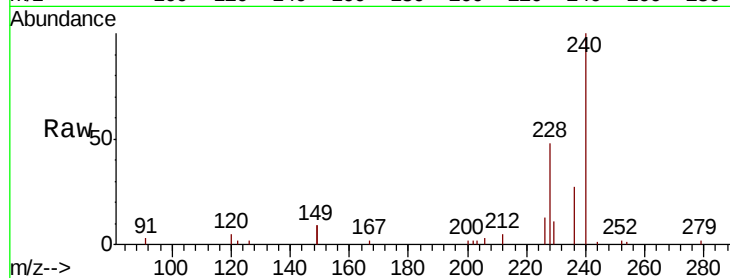
Tot Ion:240 Resp: 7572

Ion Ratio Lower Upper

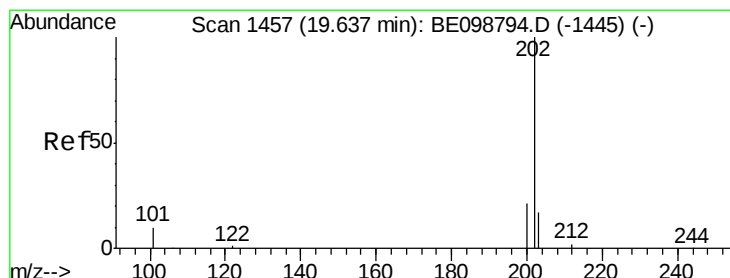
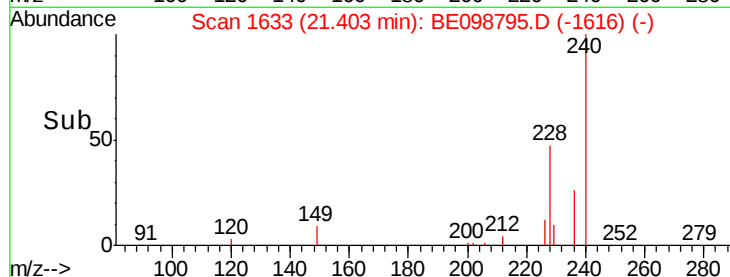
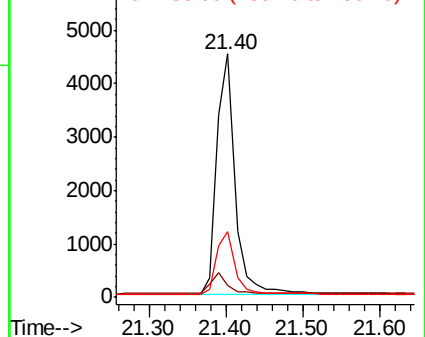
240 100

120 4.9 5.0 7.4#

236 27.2 22.7 34.1



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



#28

Pyrene

Concen: 0.876 ng

RT: 19.64 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

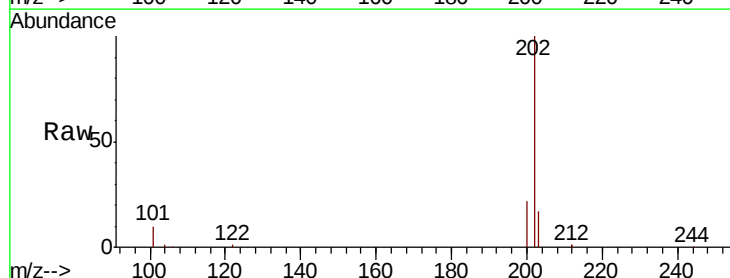
Tgt Ion:202 Resp: 18271

Ion Ratio Lower Upper

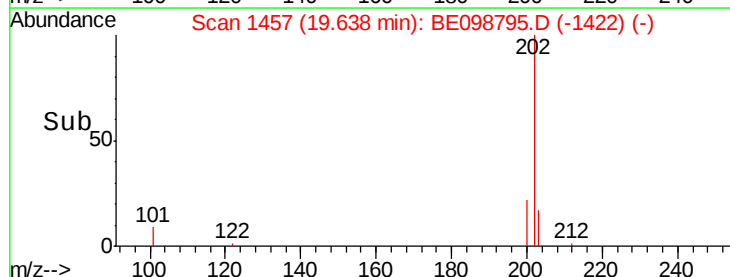
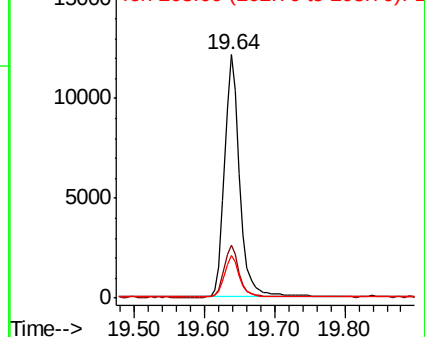
202 100

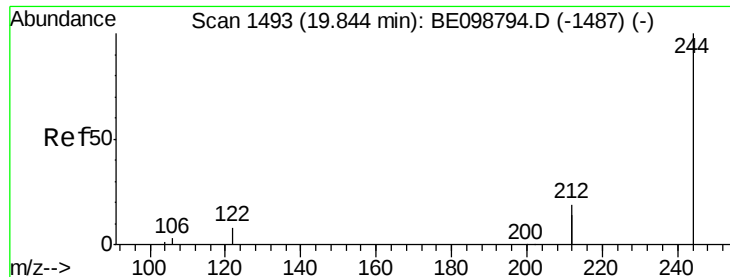
200 21.7 17.0 25.6

203 17.2 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: 0.865 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

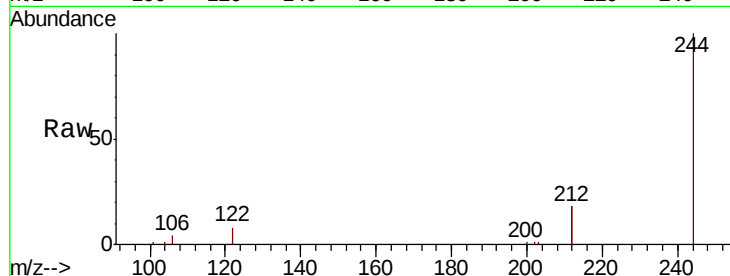
Tot Ion:244 Resp: 14493

Ion Ratio Lower Upper

244 100

212 36.8 29.4 44.2

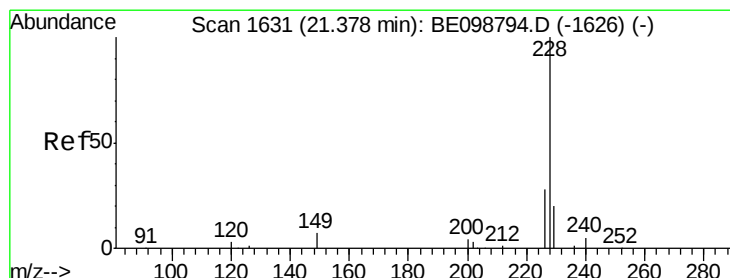
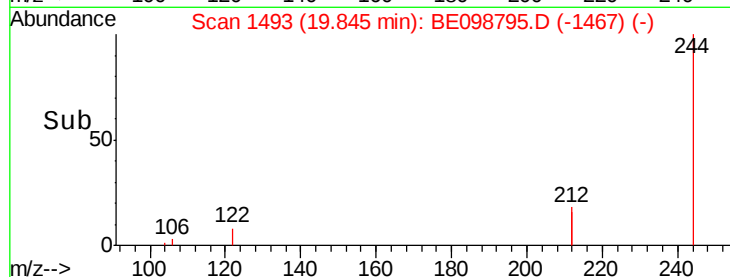
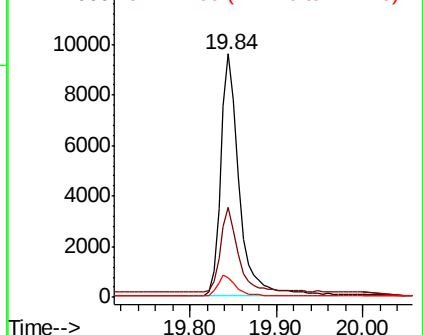
122 8.2 7.1 10.7



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: 0.929 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

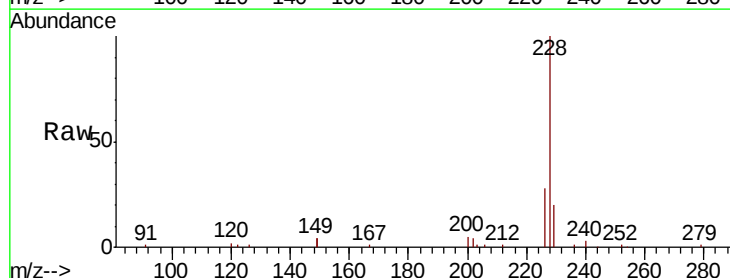
Tgt Ion:228 Resp: 18909

Ion Ratio Lower Upper

228 100

226 28.0 23.0 34.4

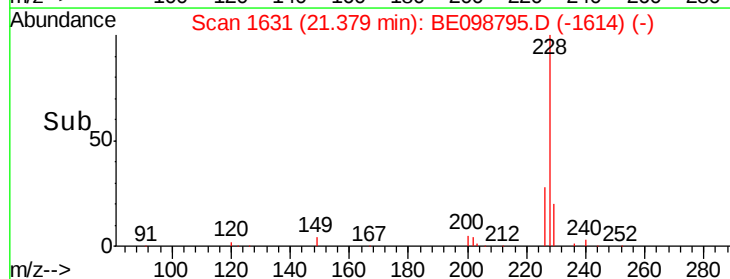
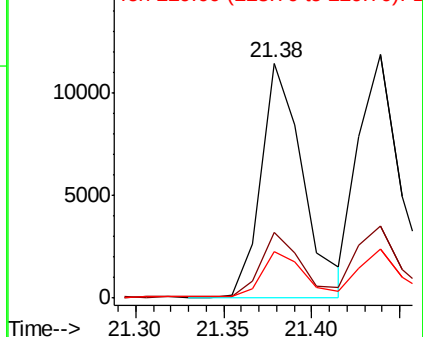
229 20.0 16.5 24.7

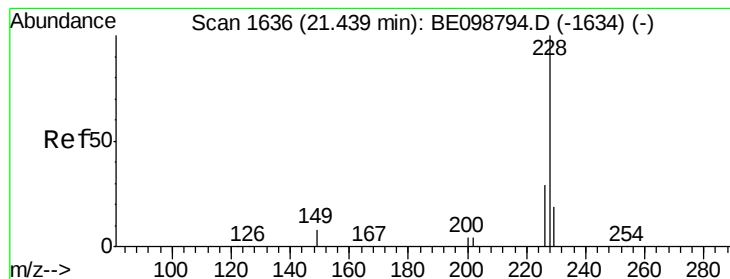


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.913 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

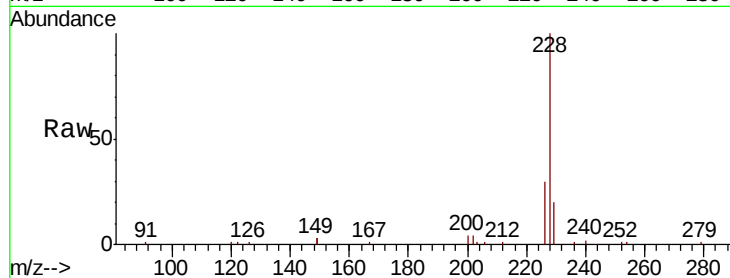
Tot Ion:228 Resp: 19264

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

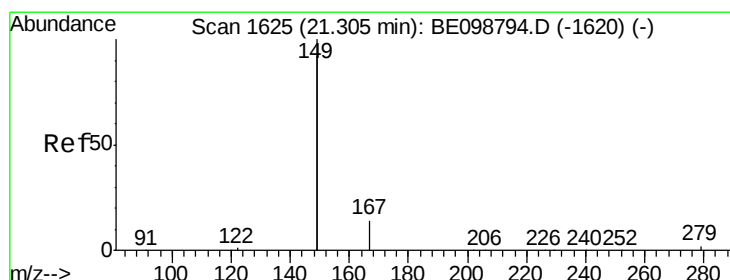
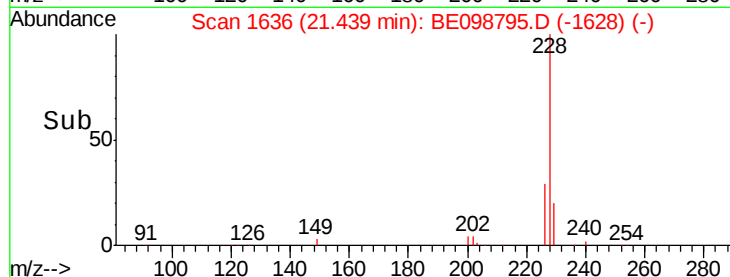
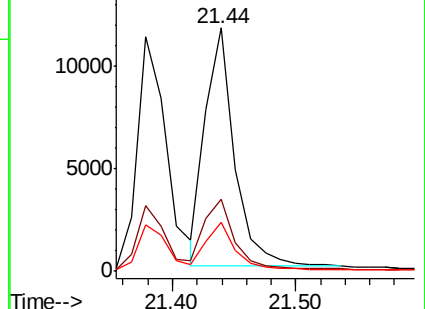
229 20.4 16.1 24.1



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: 0.858 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

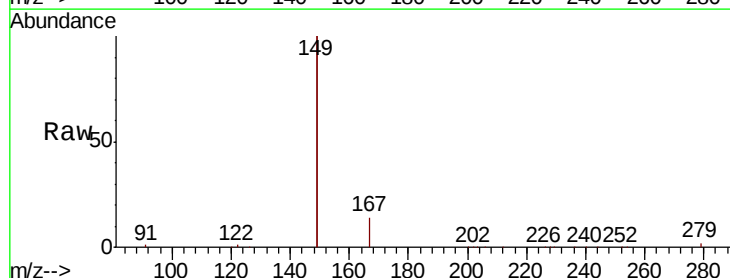
Tgt Ion:149 Resp: 37063

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

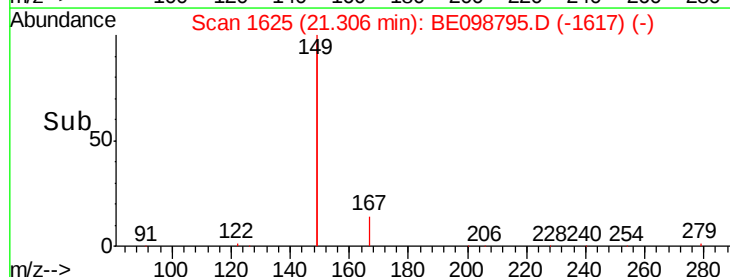
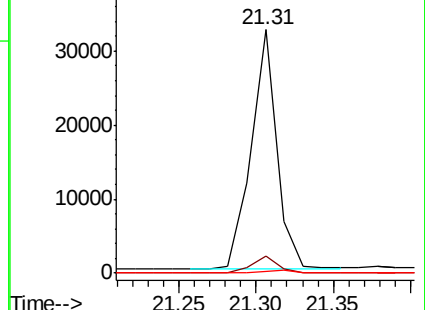
279 1.0 1.0 1.4

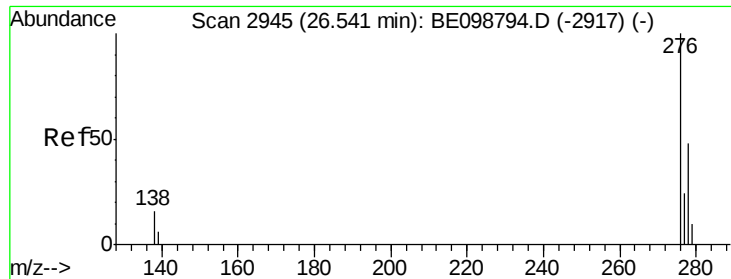


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

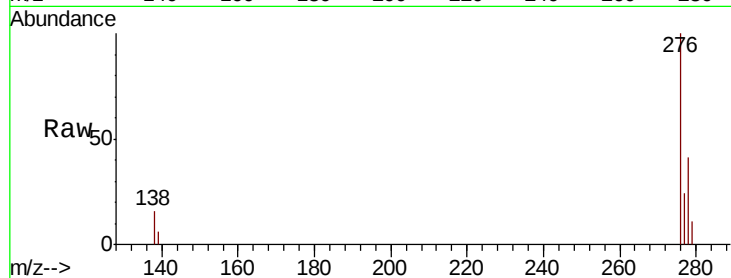




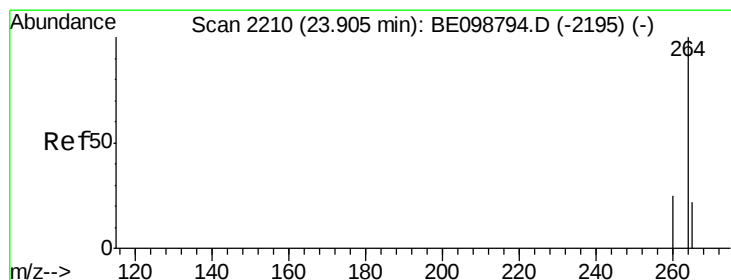
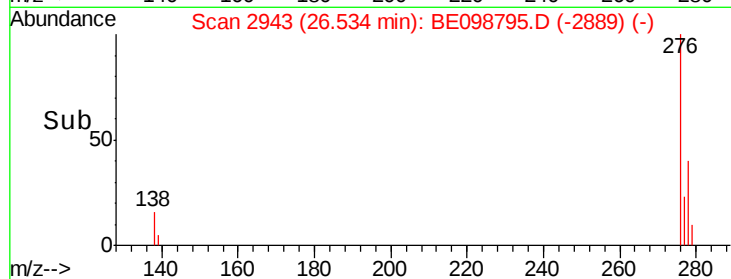
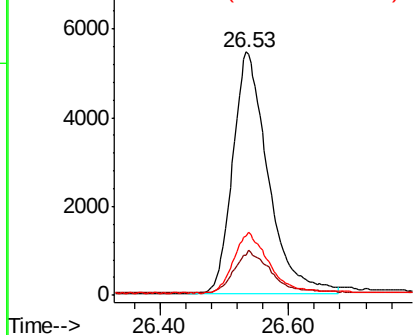
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.952 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 20712
Ion Ratio Lower Upper
276 100
138 18.1 13.8 20.8
277 25.2 19.5 29.3

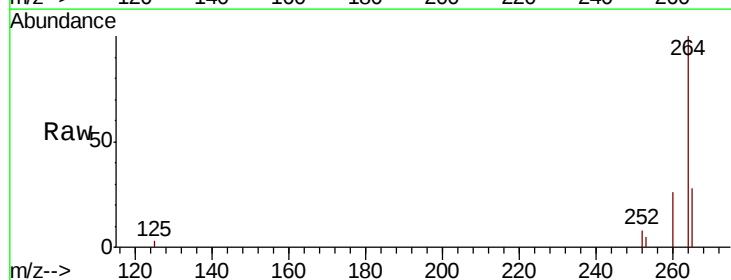


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

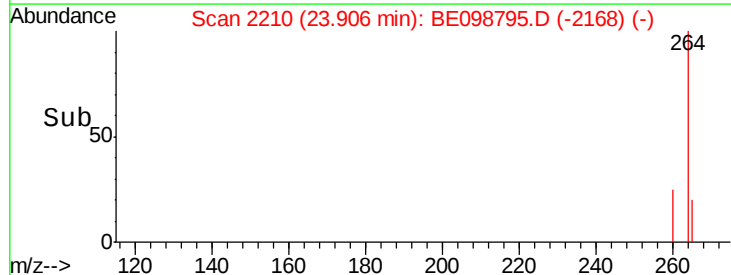
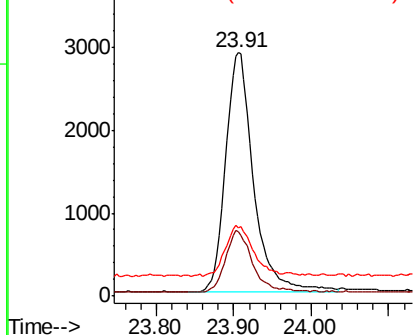


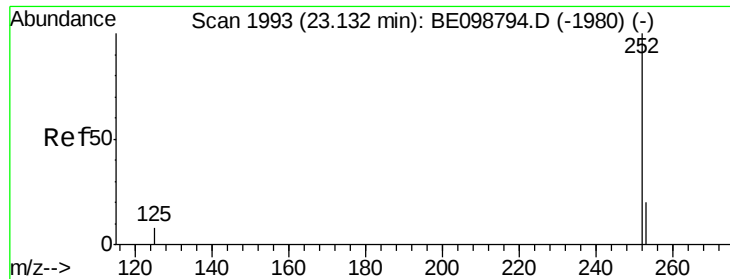
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

Tgt Ion:264 Resp: 7176
Ion Ratio Lower Upper
264 100
260 26.3 21.2 31.8
265 28.1 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: 0.951 ng

RT: 23.14 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

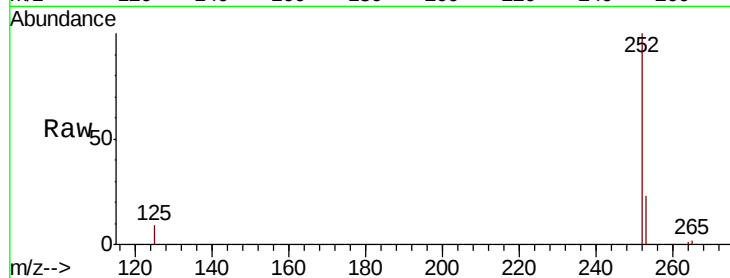
Tot Ion:252 Resp: 18614

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

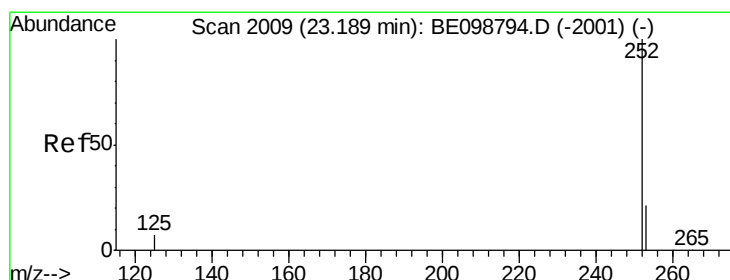
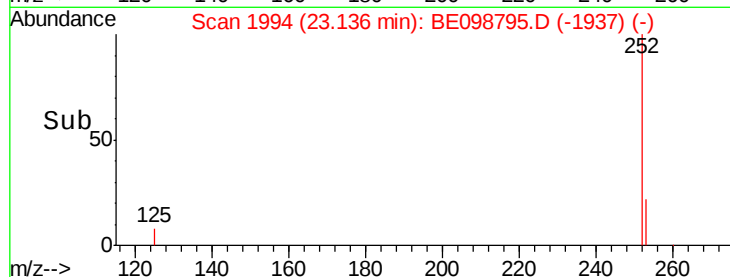
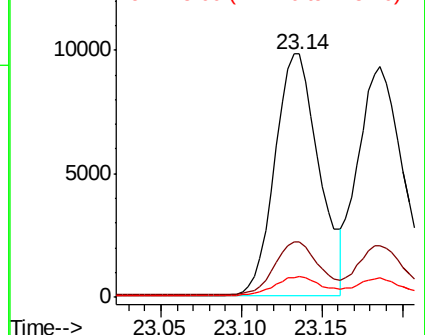
125 8.8 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.916 ng

RT: 23.19 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

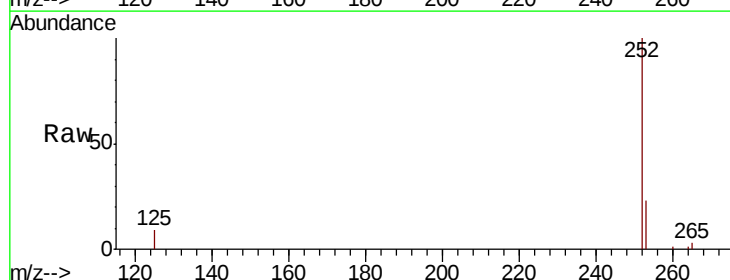
Tgt Ion:252 Resp: 19606

Ion Ratio Lower Upper

252 100

253 22.6 19.3 28.9

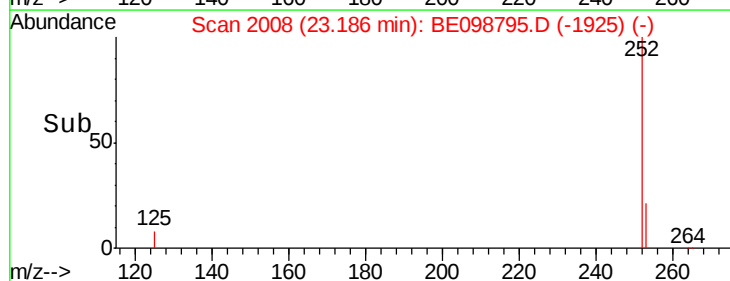
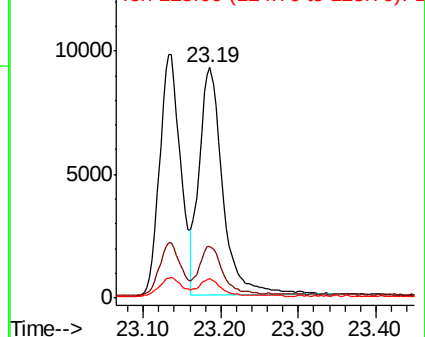
125 8.6 7.5 11.3

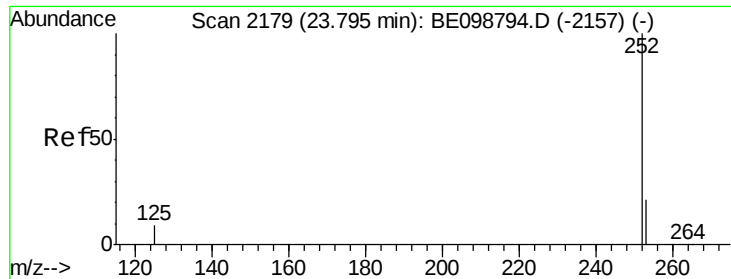


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

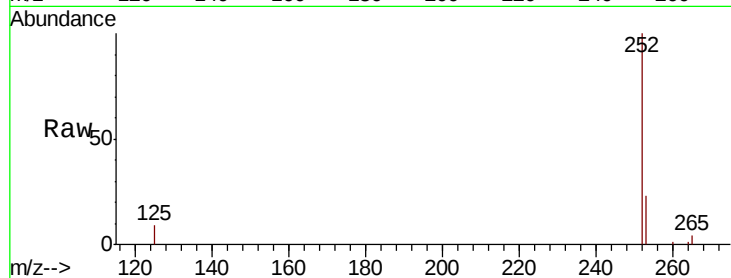




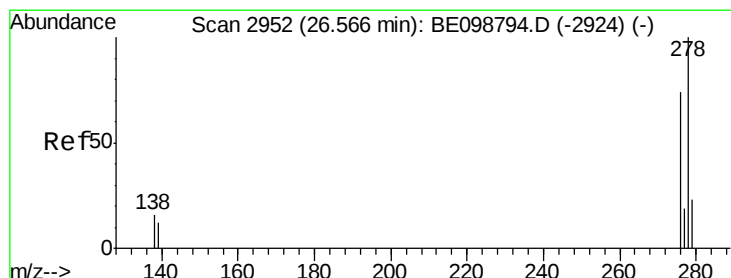
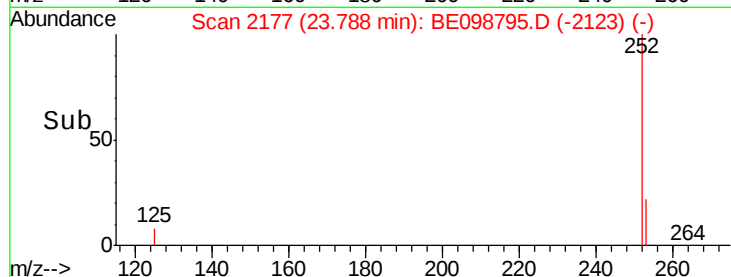
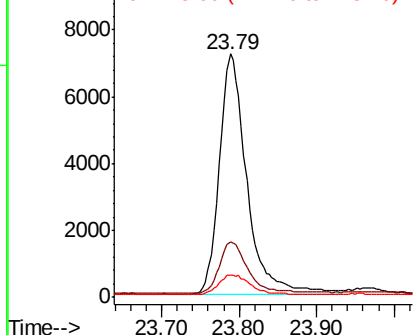
#37
Benzo(a)pyrene
Concen: 0.921 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 17708
Ion Ratio Lower Upper
252 100
253 23.0 19.9 29.9
125 9.3 9.0 13.4

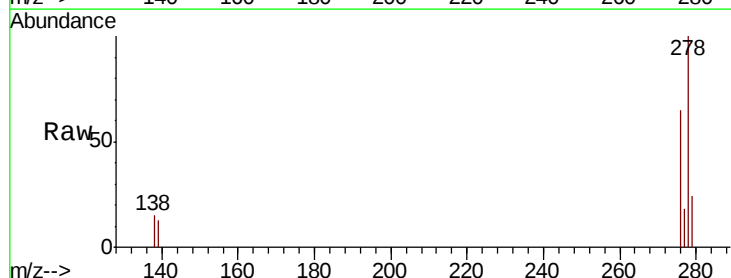


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

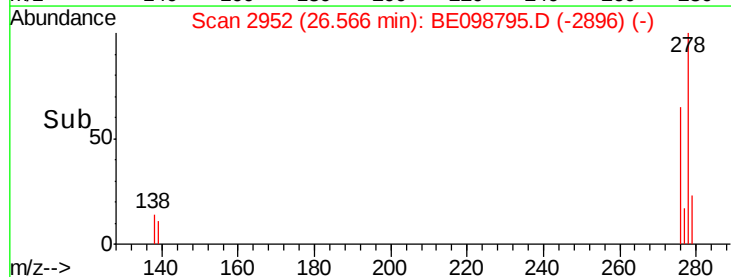
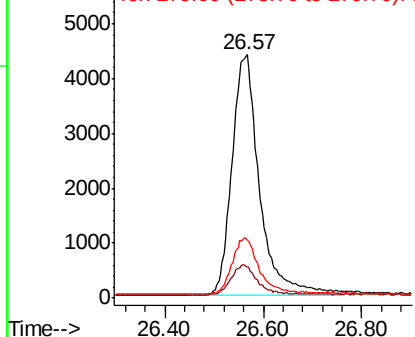


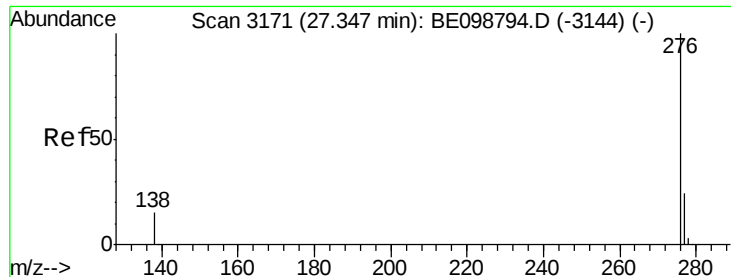
#38
Dibenzo(a,h)anthracene
Concen: 1.009 ng
RT: 26.57 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BE098795.D
Acq: 6 Mar 2019 12:43

Tgt Ion:278 Resp: 17183
Ion Ratio Lower Upper
278 100
139 12.6 11.8 17.6
279 24.0 21.1 31.7



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





#39

Benzo(a,h,i)perylene

Concen: 0.931 ng

RT: 27.34 min Scan# 3170

Delta R.T. -0.00 min

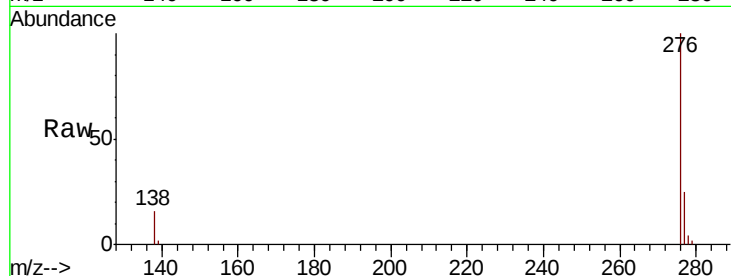
Lab File: BE098795.D

Acq: 6 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 17380

Ion Ratio Lower Upper

276 100

277 24.9 20.4 30.6

138 16.3 13.6 20.4

