

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
 Data File : BE098793.D
 Acq On : 6 Mar 2019 11:29
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Mar 06 13:27:00 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	752	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3169	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2044	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5522	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7176	0.40	ng	0.00
34) Perylene-d12	23.91	264	7079	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	431	0.21	ng	0.00
5) Phenol-d6	6.99	99	590	0.21	ng	0.00
8) Nitrobenzene-d5	8.97	82	602	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	1077	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	184	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	1533	0.18	ng	0.00
25) Fluoranthene-d10	19.25	212	16514	0.24	ng	0.00
29) Terphenyl-d14	19.84	244	3358	0.21	ng	0.00

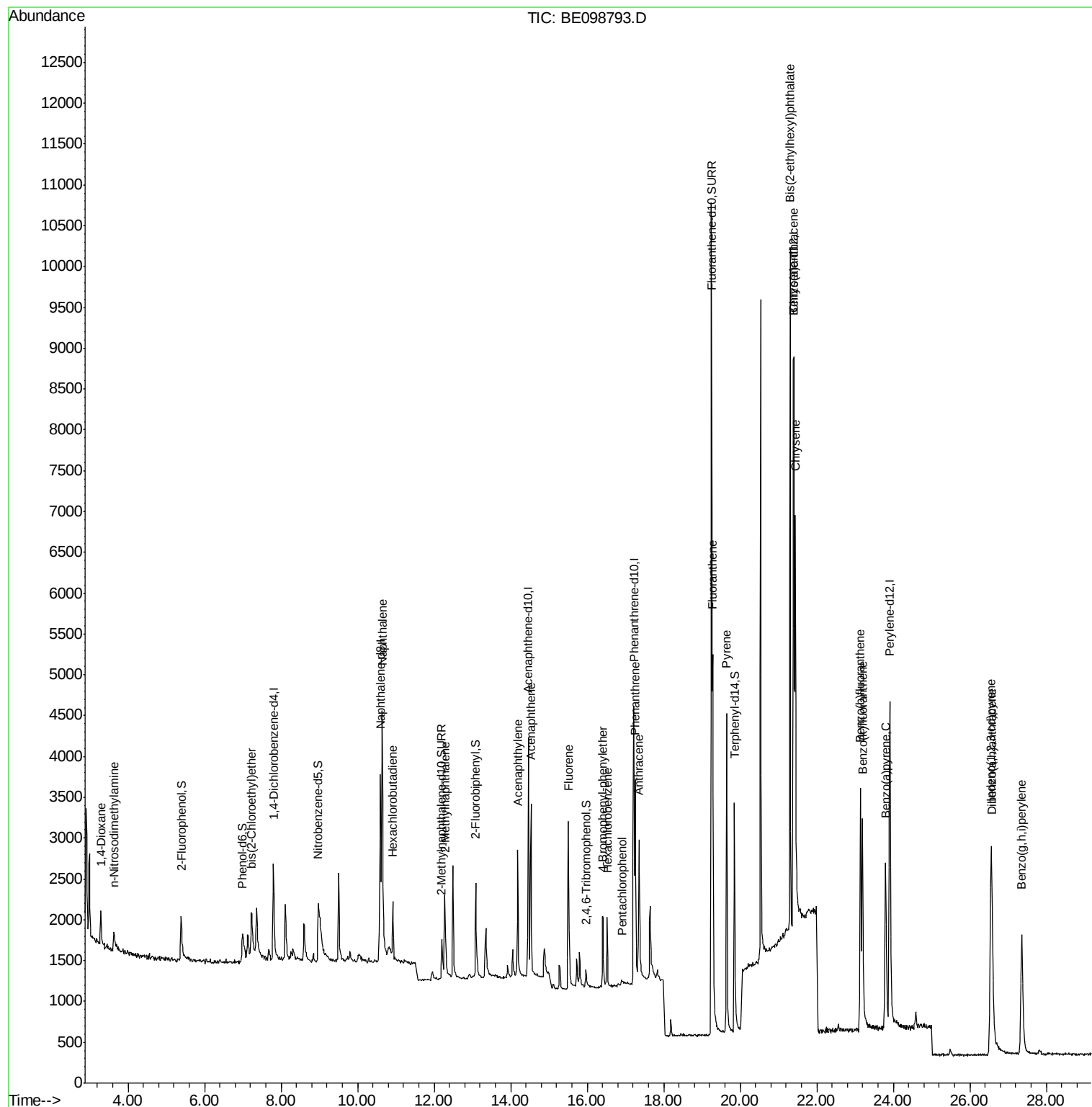
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	285	0.192	ng	# 92
3) n-Nitrosodimethylamine	3.62	42	377	0.347	ng	# 92
6) bis(2-Chloroethyl)ether	7.23	93	457	0.212	ng	90
9) Naphthalene	10.64	128	6992	0.222	ng	# 98
10) Hexachlorobutadiene	10.91	225	465	0.206	ng	99
12) 2-Methylnaphthalene	12.28	142	1084	0.207	ng	93
16) Acenaphthylene	14.18	152	1939	0.219	ng	97
17) Acenaphthene	14.53	154	1179	0.212	ng	99
18) Fluorene	15.51	166	1728	0.239	ng	94
20) 4-Bromophenyl-phenylether	16.41	248	539	0.184	ng	# 81
21) Hexachlorobenzene	16.52	284	674	0.191	ng	98
22) Pentachlorophenol	16.91	266	83	0.080	ng	96
23) Phenanthrene	17.25	178	2944	0.225	ng	96
24) Anthracene	17.35	178	2332	0.208	ng	97
26) Fluoranthene	19.28	202	4087	0.243	ng	99
28) Pyrene	19.64	202	4292	0.217	ng	100
30) Benzo(a)anthracene	21.39	228	4213	0.218	ng	98
31) Chrysene	21.44	228	4596	0.230	ng	96
32) Bis(2-ethylhexyl)phthalate	21.31	149	9247	0.226	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	4858	0.236	ng	98
35) Benzo(b)fluoranthene	23.14	252	4291	0.222	ng	# 92
36) Benzo(k)fluoranthene	23.19	252	4740	0.225	ng	# 92
37) Benzo(a)pyrene	23.80	252	4196	0.221	ng	# 92
38) Dibenzo(a,h)anthracene	26.58	278	3811	0.227	ng	# 93
39) Benzo(g,h,i)perylene	27.36	276	4111	0.223	ng	# 93

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

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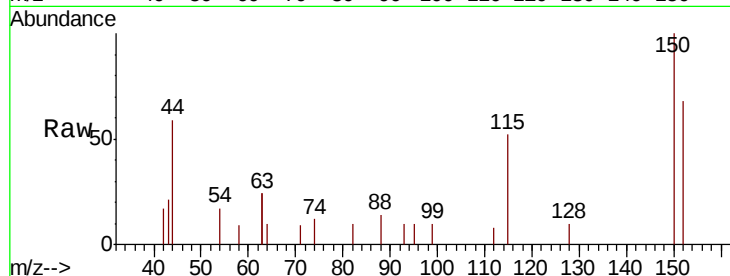


#1

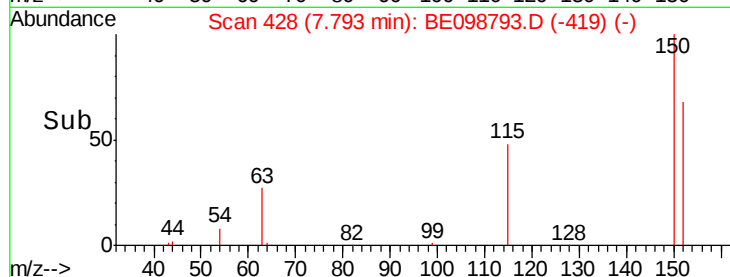
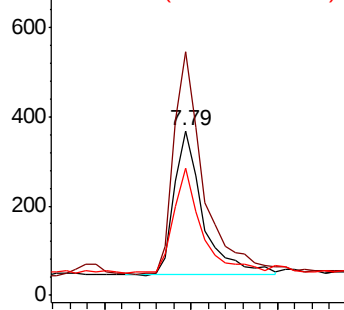
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 752
Ion Ratio Lower Upper
152 100
150 147.8 122.5 183.7
115 76.9 57.4 86.2



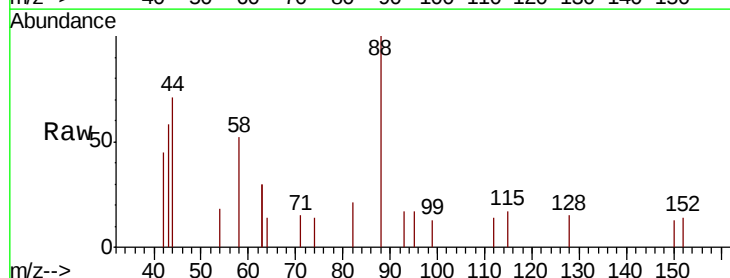
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



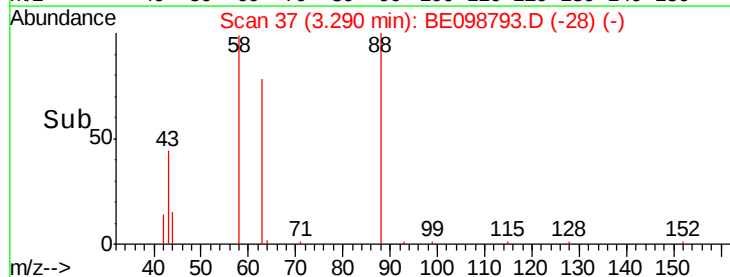
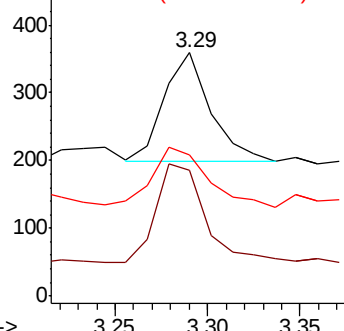
#2

1,4-Dioxane
Concen: 0.192 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion: 88 Resp: 285
Ion Ratio Lower Upper
88 100
58 93.0 75.8 113.6
43 64.9 41.8 62.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



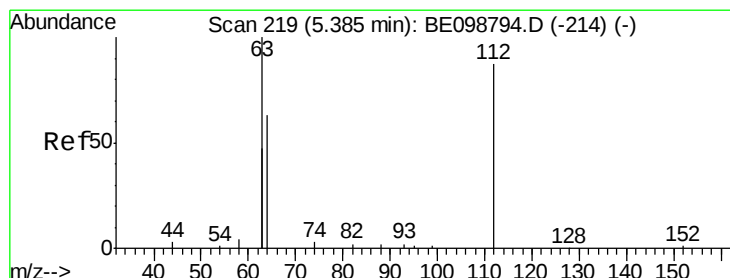
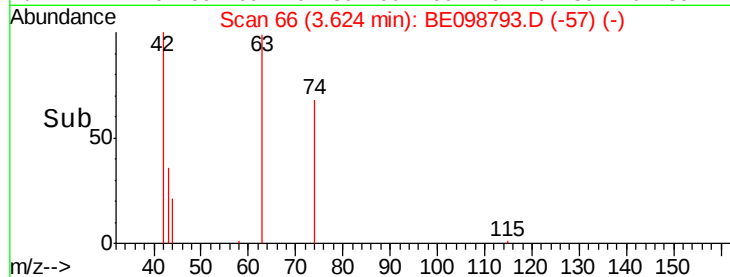
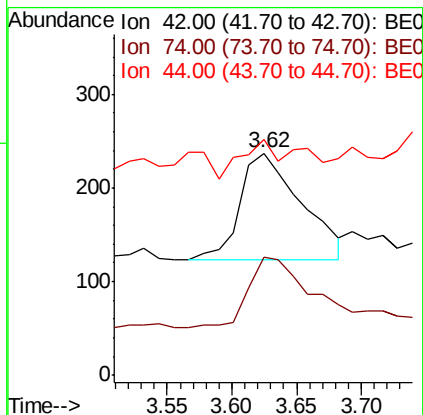
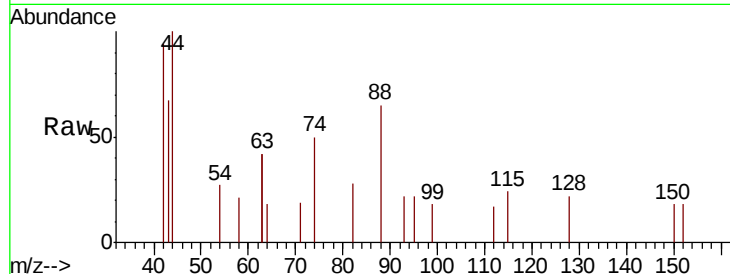


#3

n-Nitrosodimethylamine
 Concen: 0.347 ng
 RT: 3.62 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: BE098793.D
 Acq: 6 Mar 2019 11:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

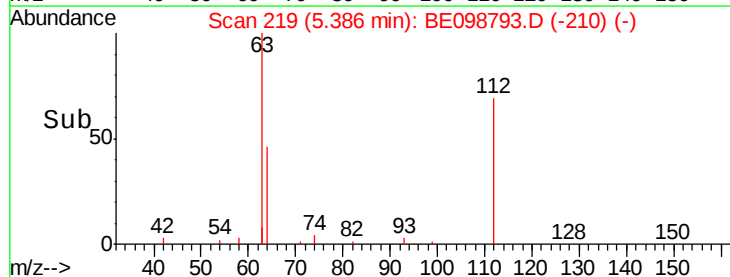
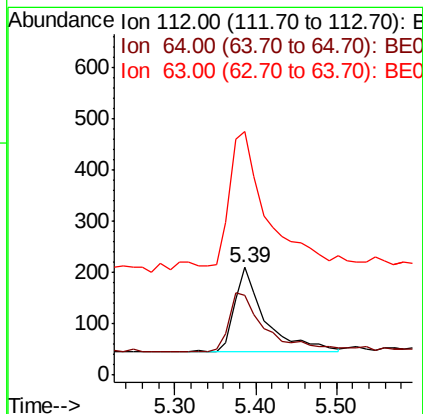
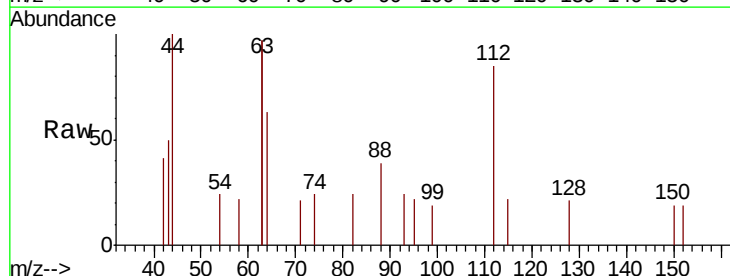
Tot Ion: 42 Resp: 377
 Ion Ratio Lower Upper
 42 100
 74 64.5 57.0 85.4
 44 19.9 0.0 0.0#

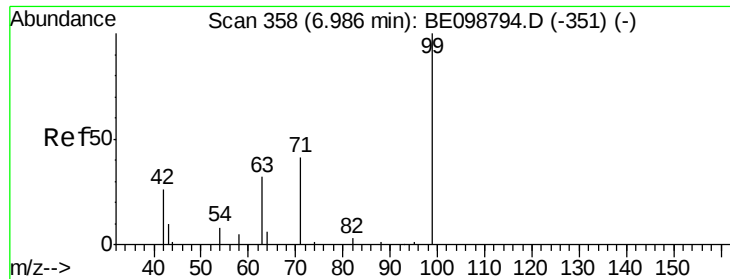


#4

2-Fluorophenol
 Concen: 0.215 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE098793.D
 Acq: 6 Mar 2019 11:29

Tgt Ion: 112 Resp: 431
 Ion Ratio Lower Upper
 112 100
 64 91.2 57.9 86.9#
 63 190.7 158.3 237.5





#5

Phenol-d6

Concen: 0.207 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

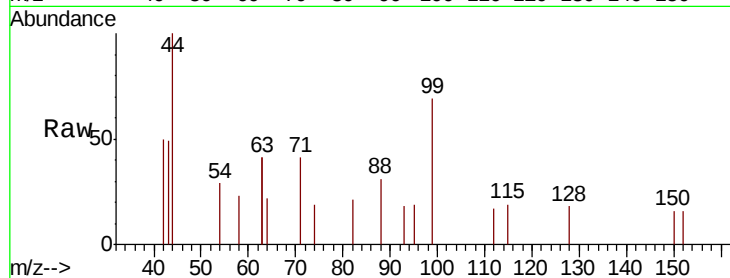
Tot Ion: 99 Resp: 590

Ion Ratio Lower Upper

99 100

42 50.5 24.2 36.2#

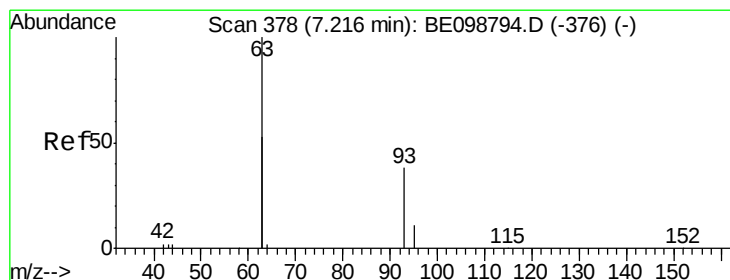
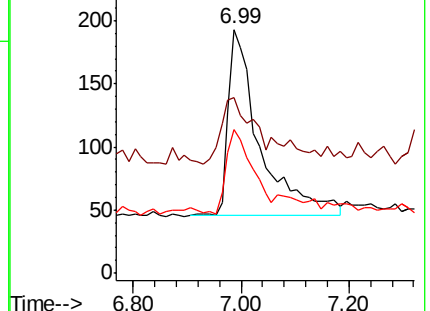
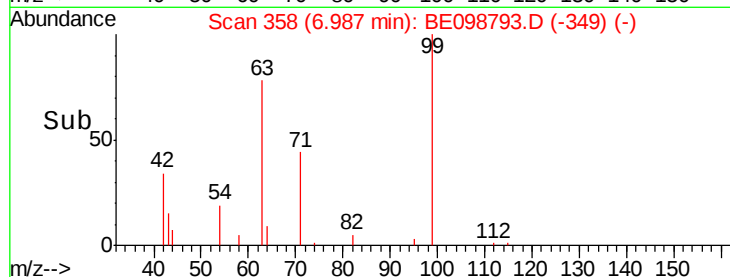
71 36.6 35.7 53.5



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



#6

bis(2-Chloroethyl)ether

Concen: 0.212 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

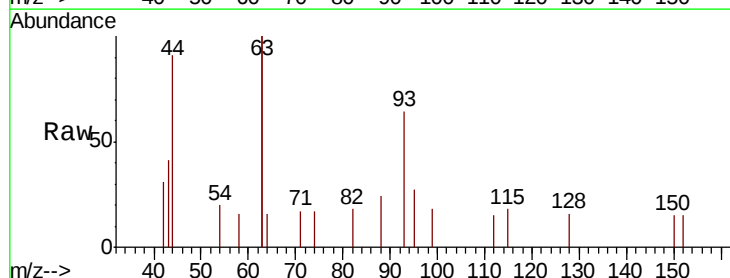
Tgt Ion: 93 Resp: 457

Ion Ratio Lower Upper

93 100

63 290.4 247.5 371.3

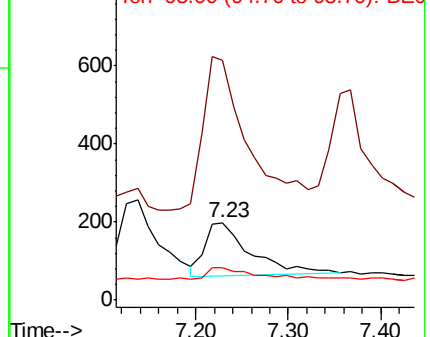
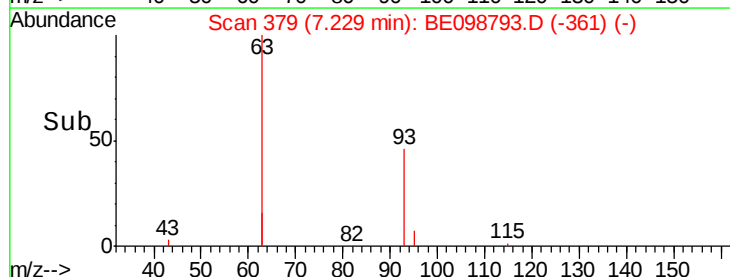
95 22.1 21.8 32.8



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: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 3169

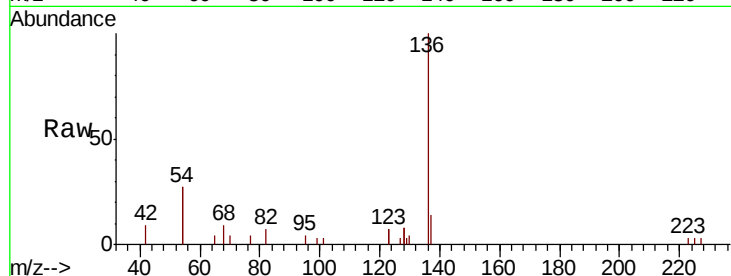
Ion Ratio Lower Upper

136 100

137 13.5 11.4 17.0

54 54.2 39.3 58.9

68 8.7 6.7 10.1

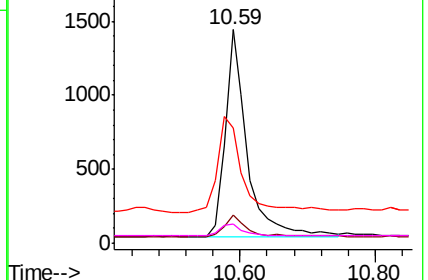
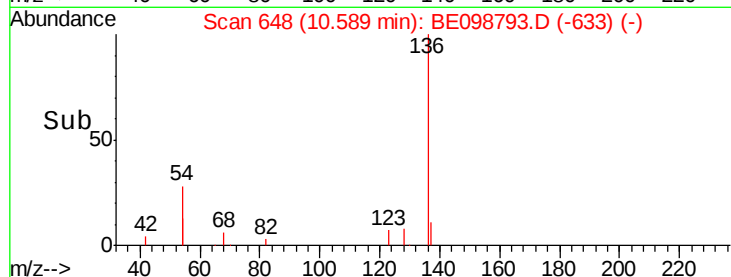


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.240 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

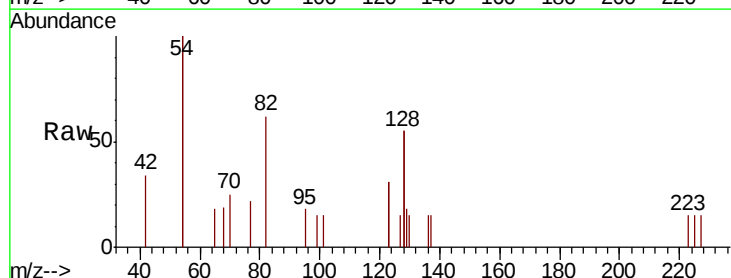
Tgt Ion: 82 Resp: 602

Ion Ratio Lower Upper

82 100

128 178.7 123.8 185.8

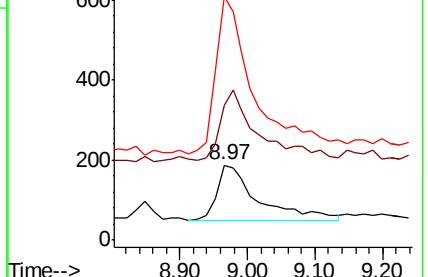
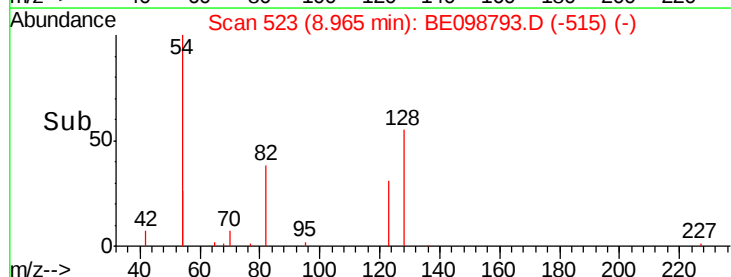
54 323.4 203.4 305.2#

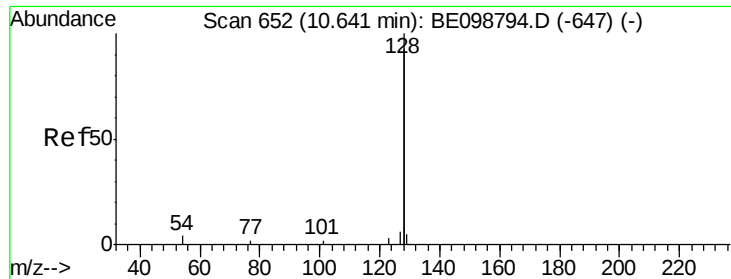


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

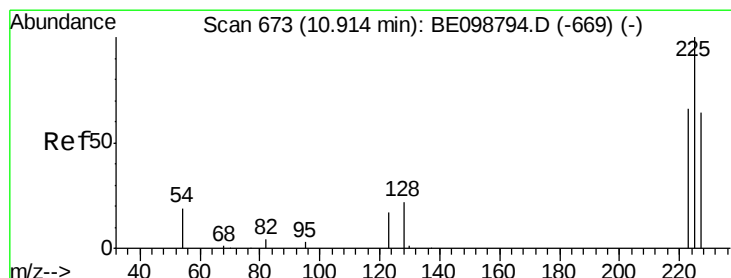
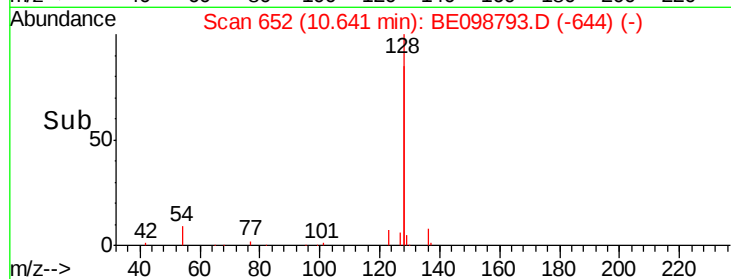
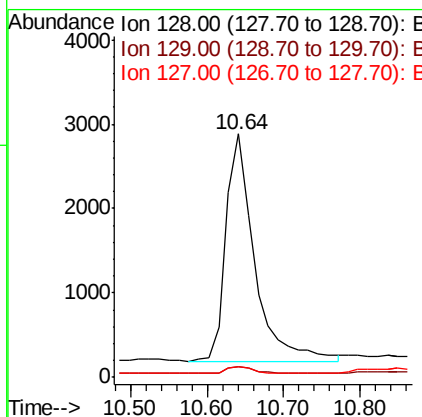
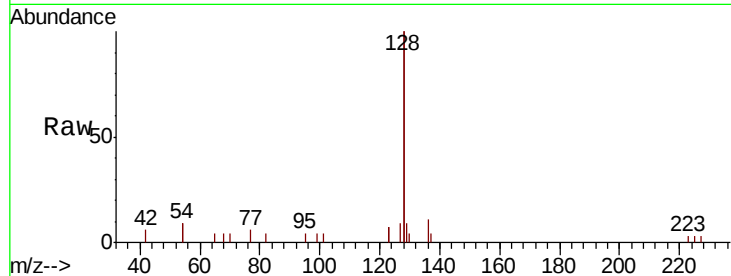




#9
Naphthalene
Concen: 0.222 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

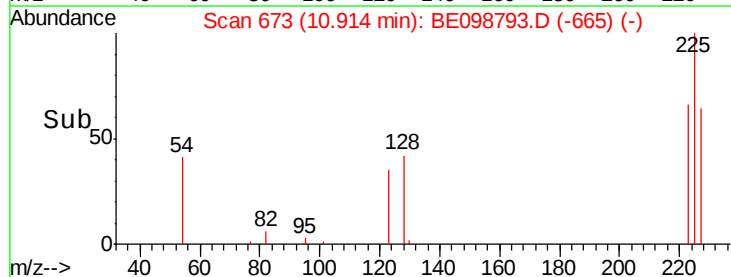
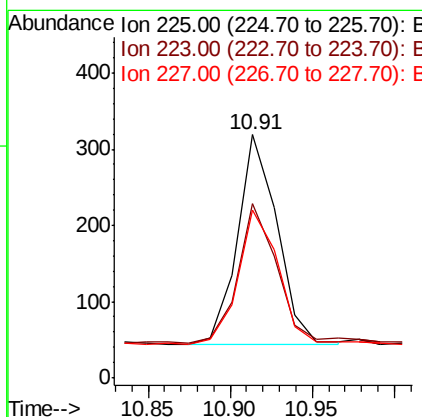
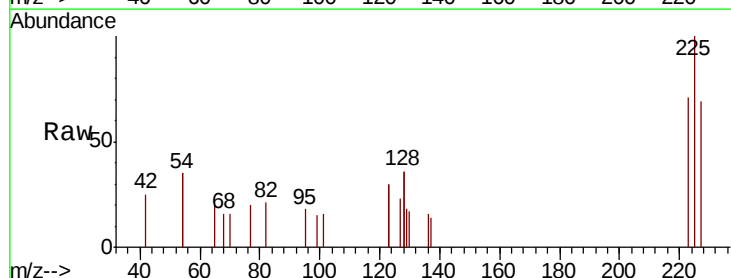
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

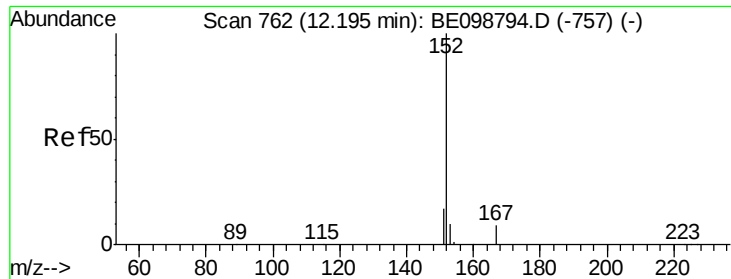
Tot Ion:128 Resp: 6992
Ion Ratio Lower Upper
128 100
129 4.4 2.6 4.0#
127 4.5 3.1 4.7



#10
Hexachlorobutadiene
Concen: 0.206 ng
RT: 10.91 min Scan# 673
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:225 Resp: 465
Ion Ratio Lower Upper
225 100
223 64.3 51.1 76.7
227 65.2 51.6 77.4

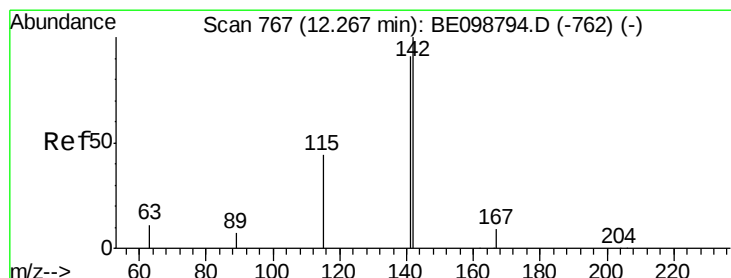
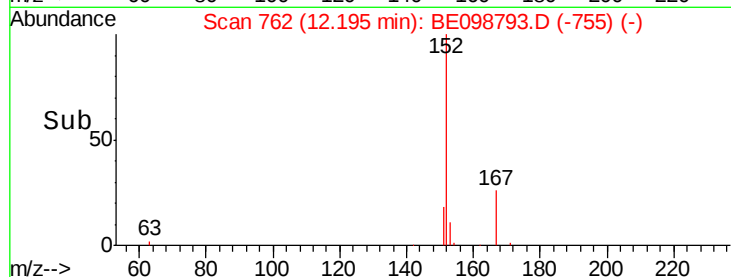
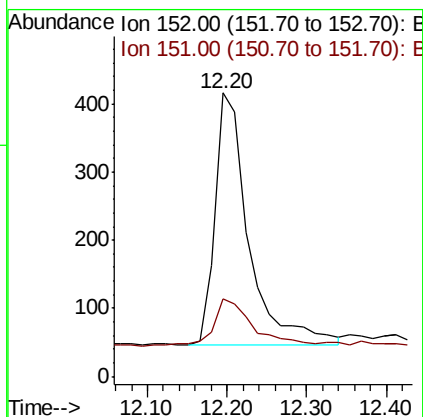
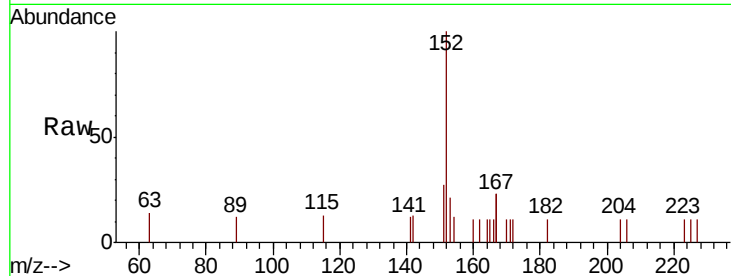




#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

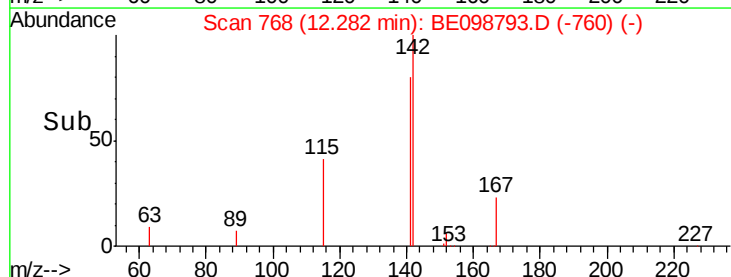
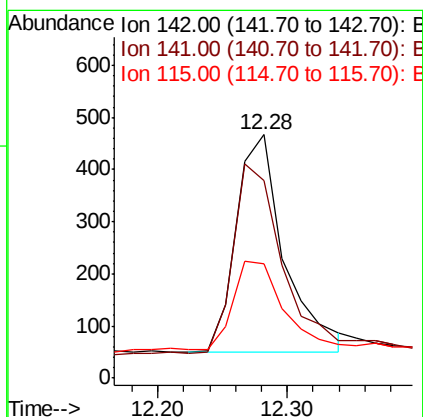
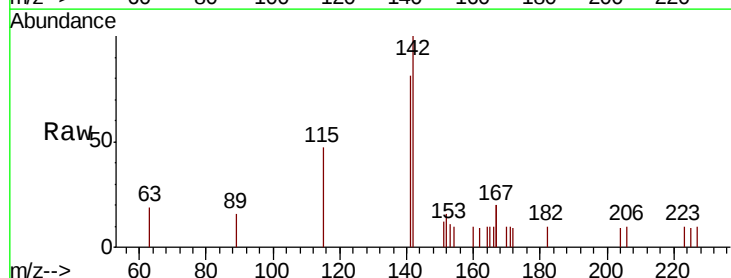
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 1077
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.207 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:142 Resp: 1084
Ion Ratio Lower Upper
142 100
141 80.9 72.6 108.8
115 47.1 37.4 56.2

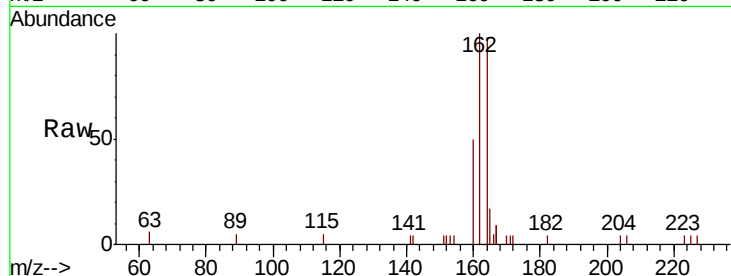




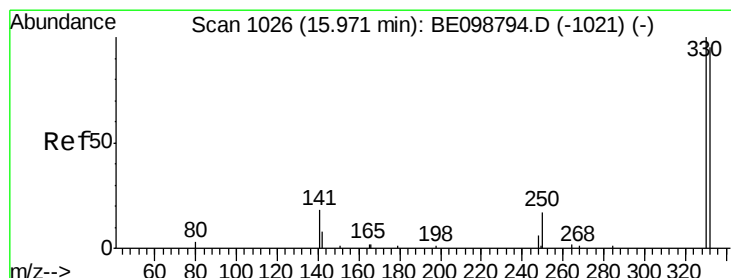
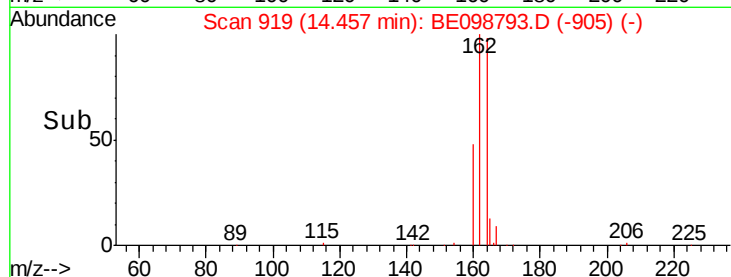
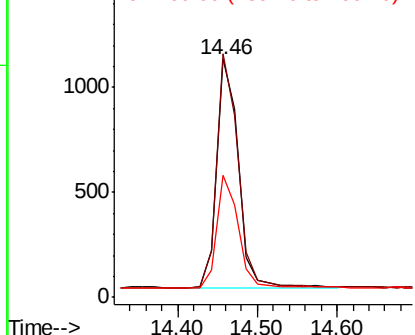
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:164 Resp: 2044
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 51.4 37.8 56.8

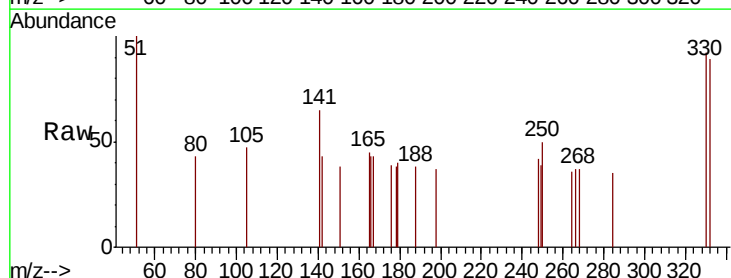


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

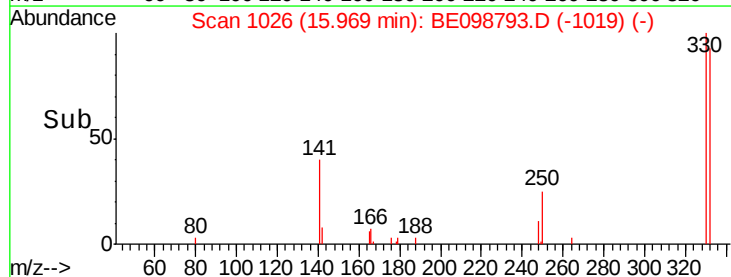
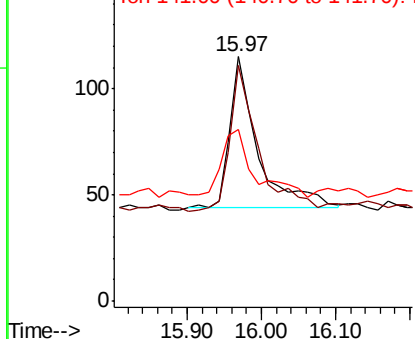


#14
2,4,6-Tribromophenol
Concen: 0.207 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:330 Resp: 184
Ion Ratio Lower Upper
330 100
332 101.1 77.6 116.4
141 52.2 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

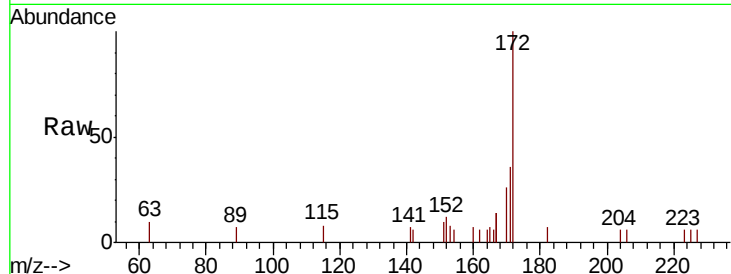




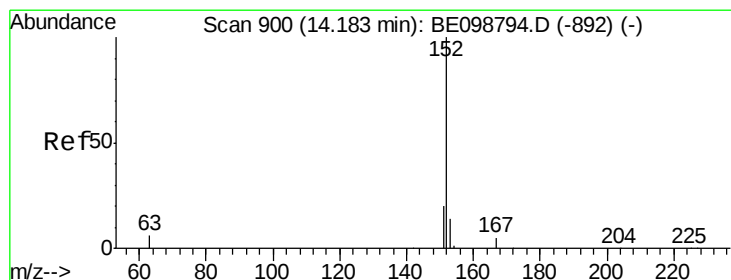
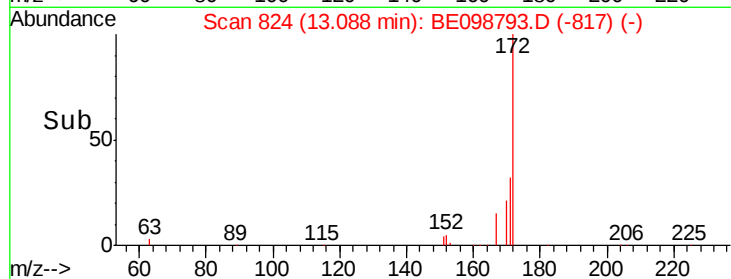
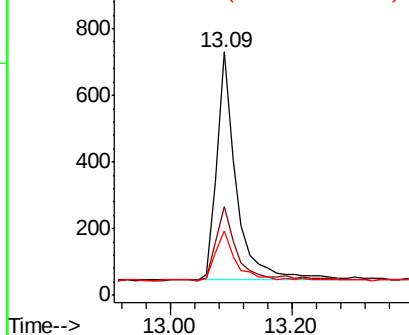
#15
2-Fluorobiphenyl
Concen: 0.183 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:172 Resp: 1533
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 26.4 17.7 26.5

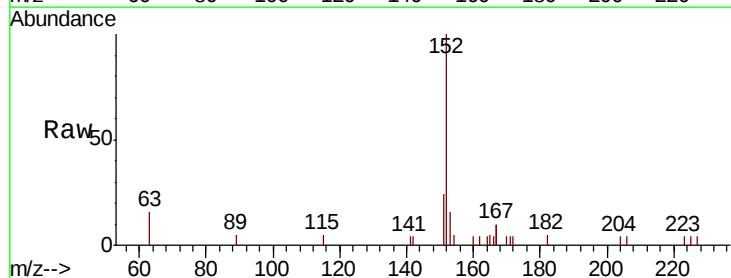


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

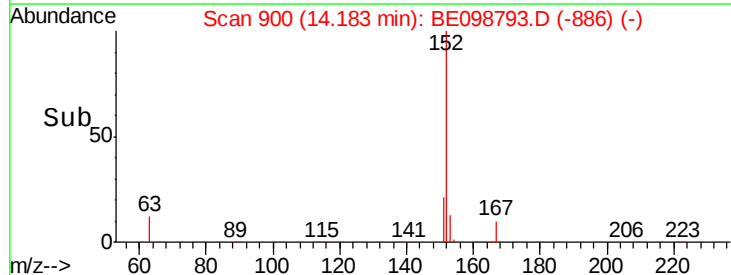
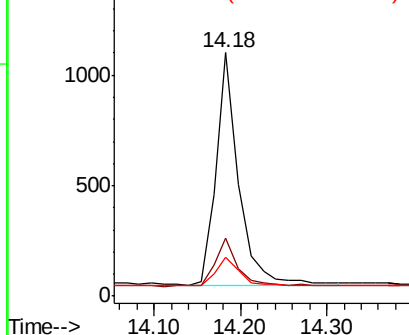


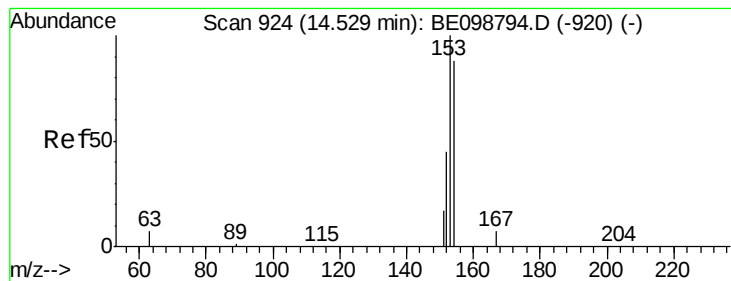
#16
Acenaphthylene
Concen: 0.219 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:152 Resp: 1939
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: 0.212 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

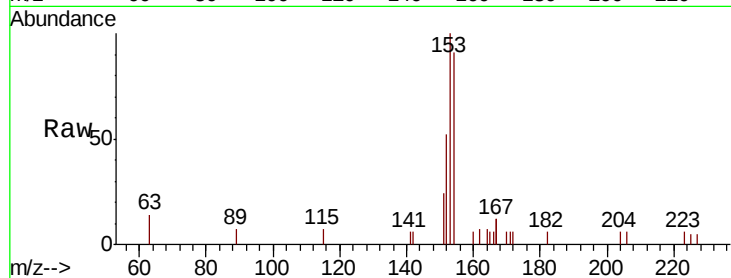
Tot Ion:154 Resp: 1179

Ion Ratio Lower Upper

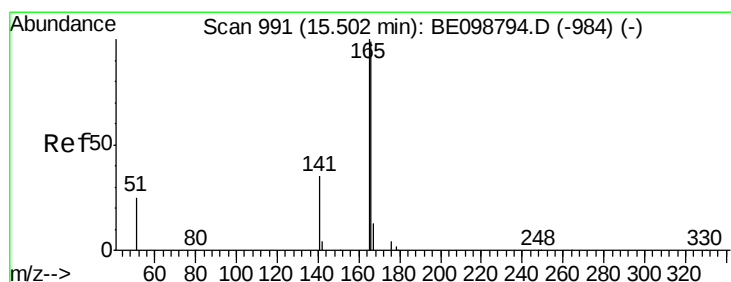
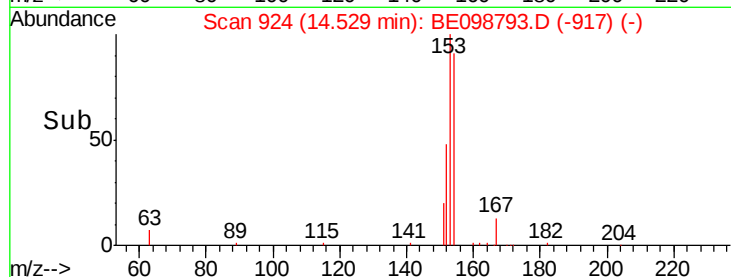
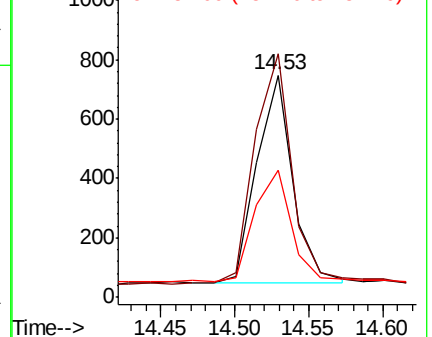
154 100

153 115.9 94.2 141.4

152 56.1 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: 0.239 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.01 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

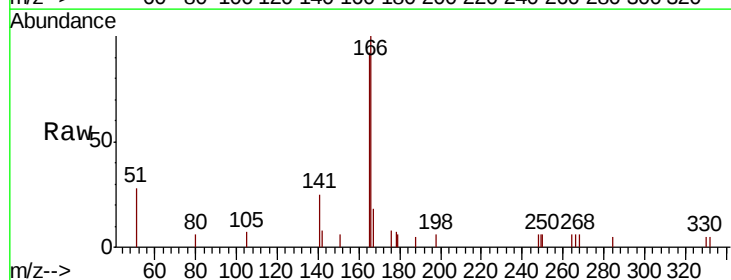
Tgt Ion:166 Resp: 1728

Ion Ratio Lower Upper

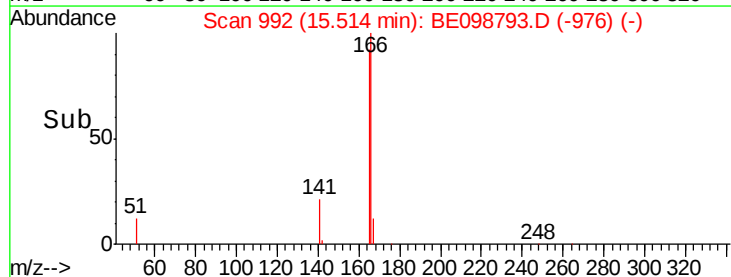
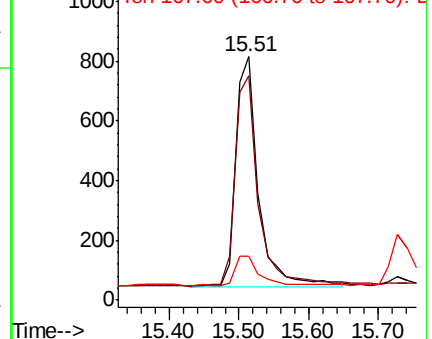
166 100

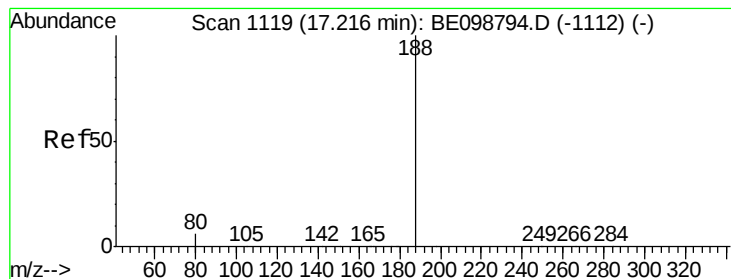
165 93.1 79.3 118.9

167 12.5 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

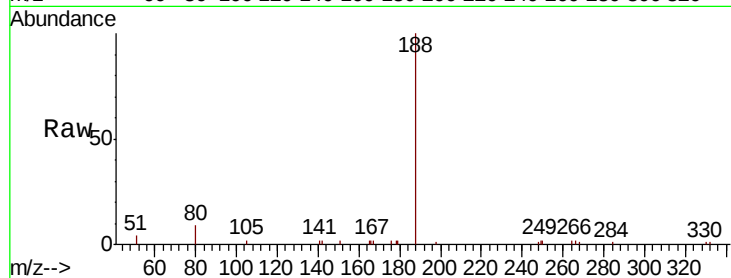
Tot Ion:188 Resp: 5522

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

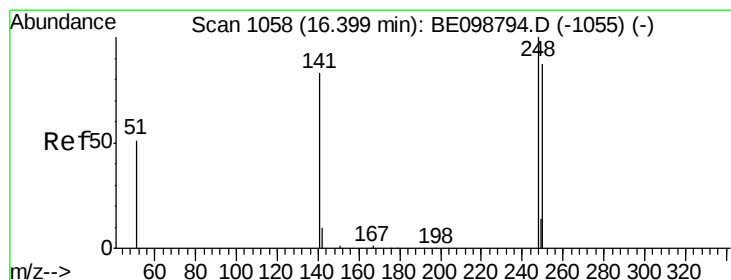
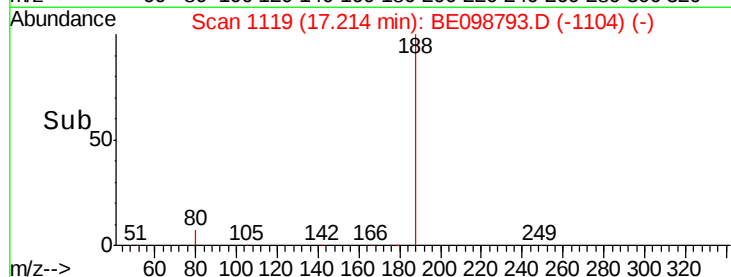
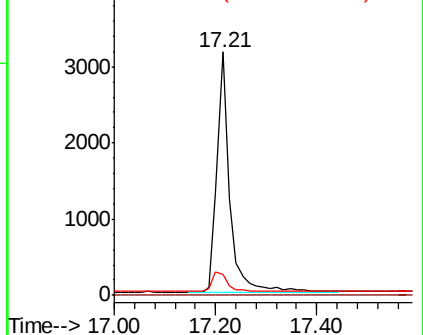
80 8.7 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.184 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

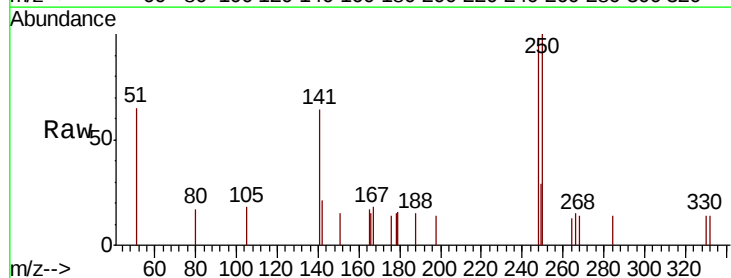
Tgt Ion:248 Resp: 539

Ion Ratio Lower Upper

248 100

250 101.9 70.6 105.8

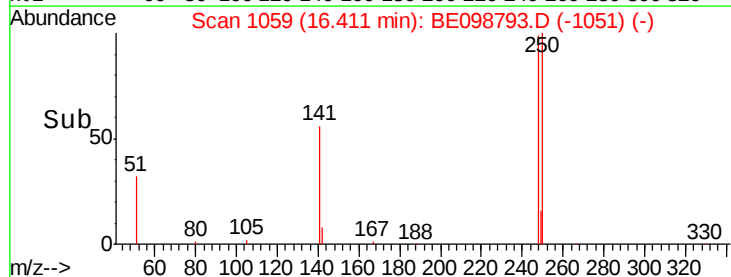
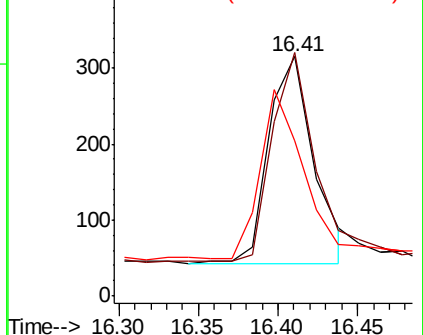
141 64.8 68.6 102.8#

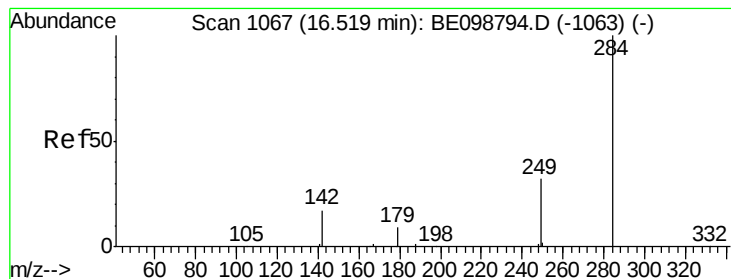


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.191 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

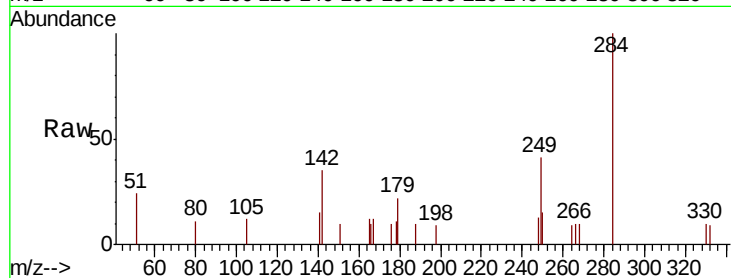
Tot Ion:284 Resp: 674

Ion Ratio Lower Upper

284 100

142 36.1 28.7 43.1

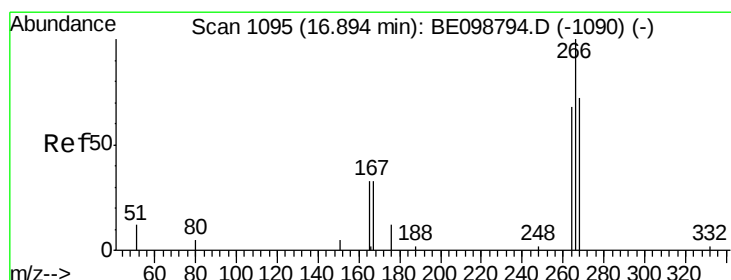
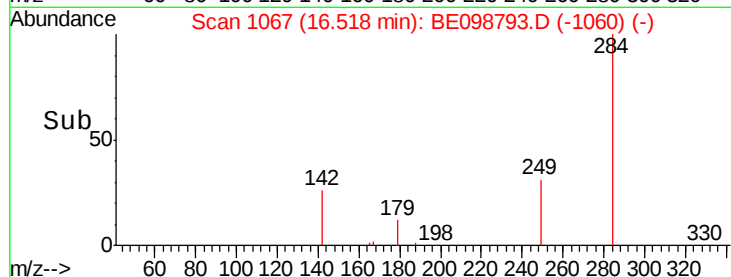
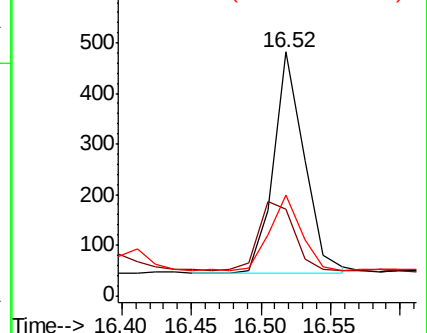
249 35.2 29.6 44.4



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: 0.080 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

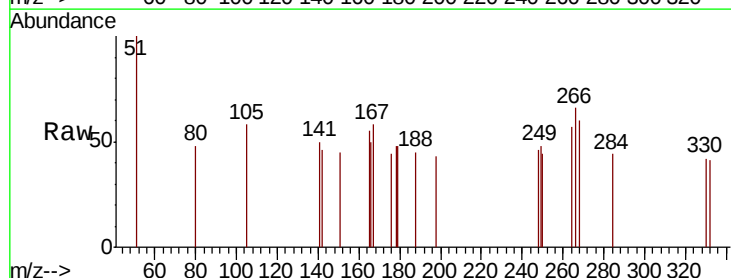
Tgt Ion:266 Resp: 83

Ion Ratio Lower Upper

266 100

264 85.7 66.6 100.0

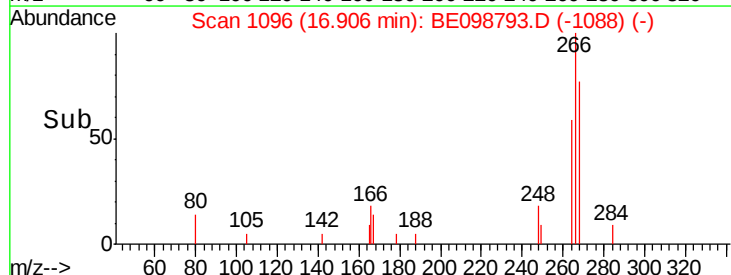
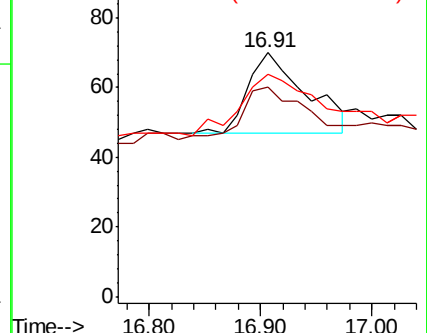
268 91.4 69.8 104.8

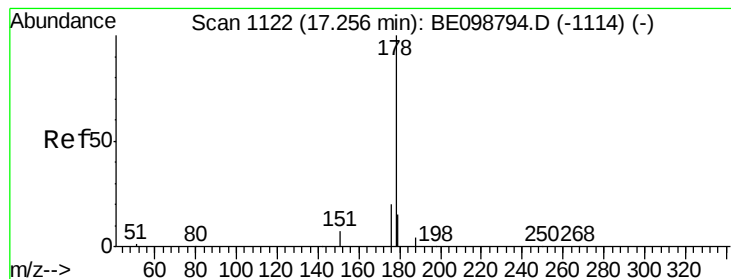


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.225 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

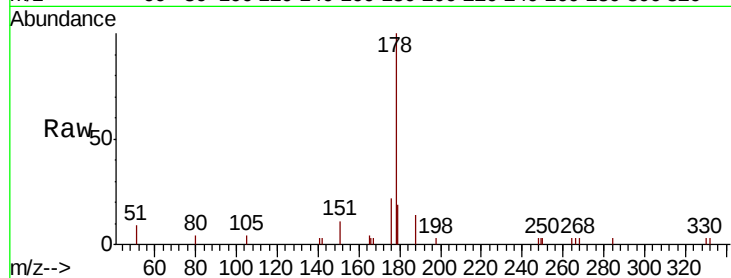
Tot Ion:178 Resp: 2944

Ion Ratio Lower Upper

178 100

176 18.4 16.0 24.0

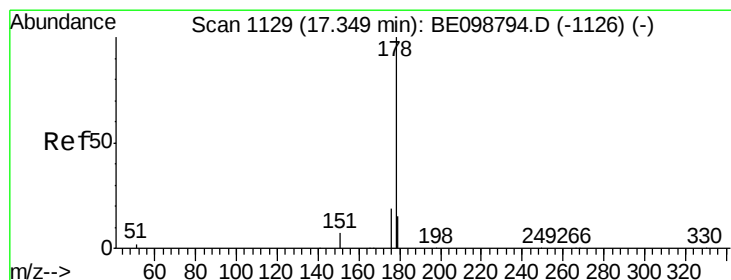
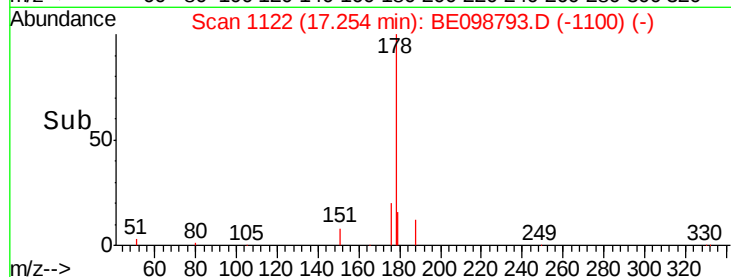
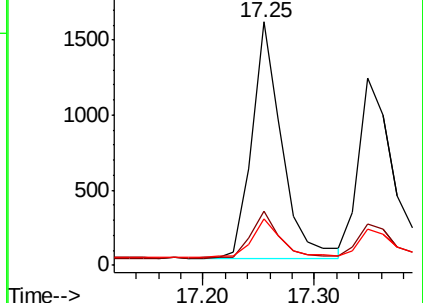
179 16.6 12.1 18.1



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: 0.208 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

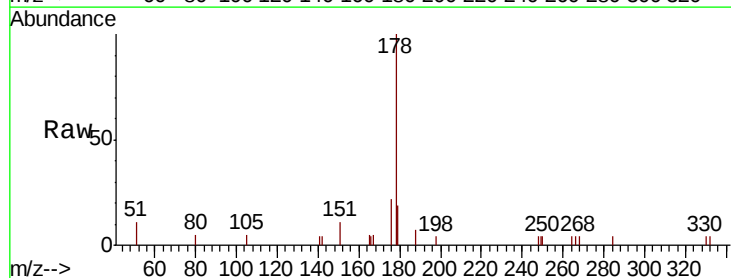
Tgt Ion:178 Resp: 2332

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

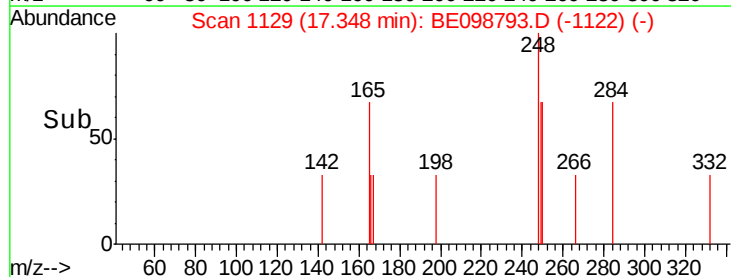
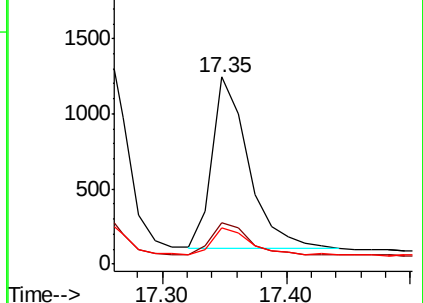
179 16.8 12.2 18.4

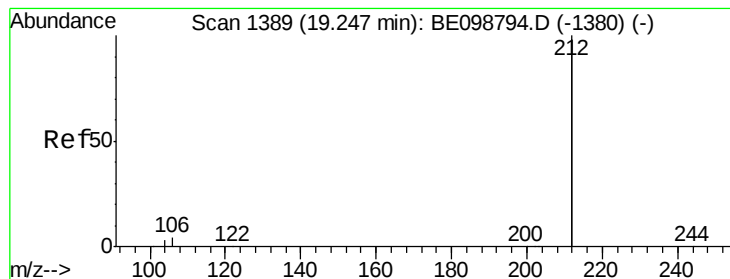


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.241 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

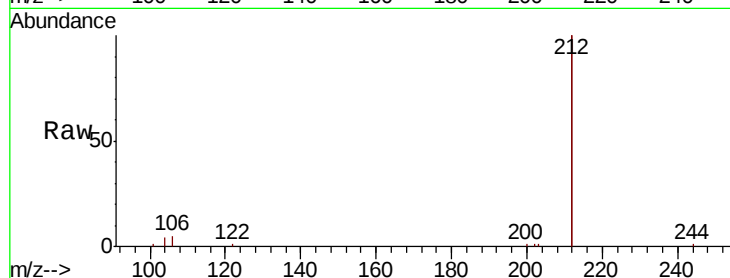
Tot Ion:212 Resp: 16514

Ion Ratio Lower Upper

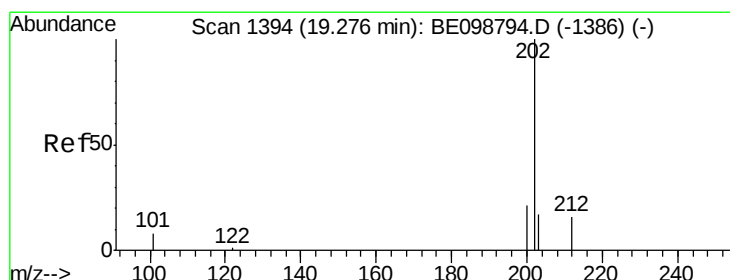
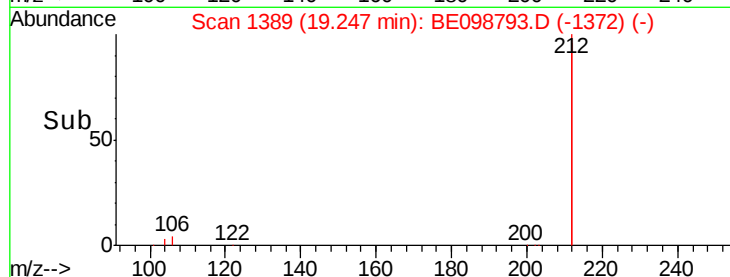
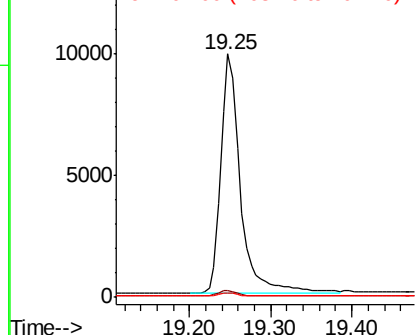
212 100

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: 0.243 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

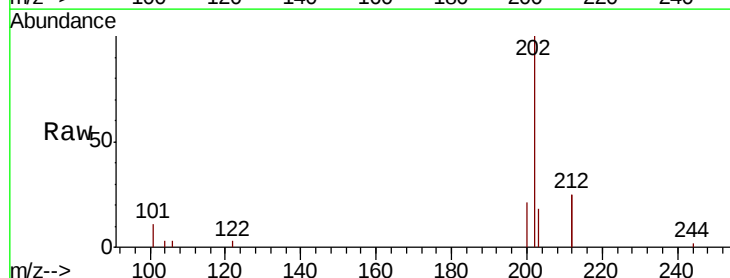
Tgt Ion:202 Resp: 4087

Ion Ratio Lower Upper

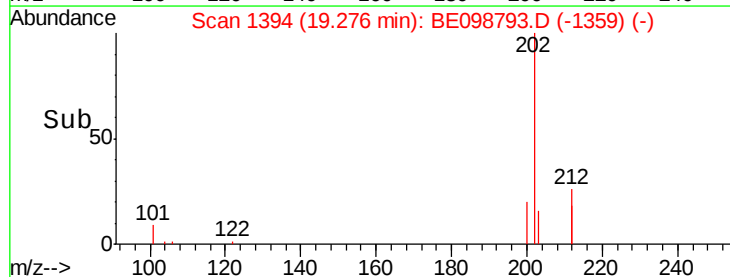
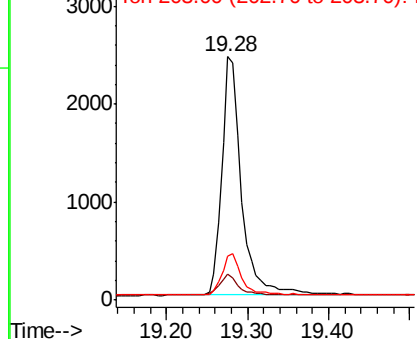
202 100

101 8.1 7.3 10.9

203 16.7 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

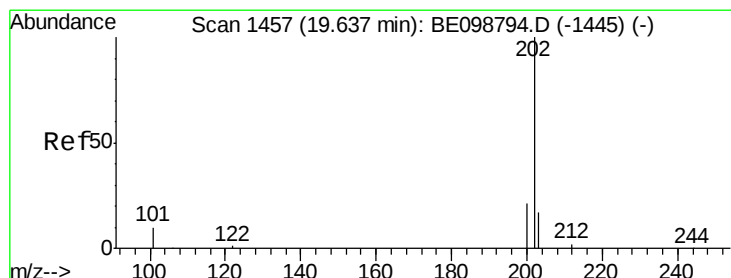
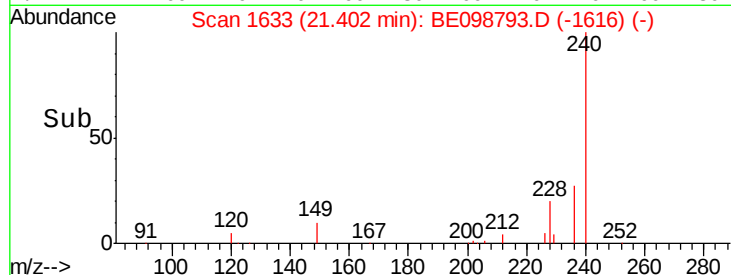
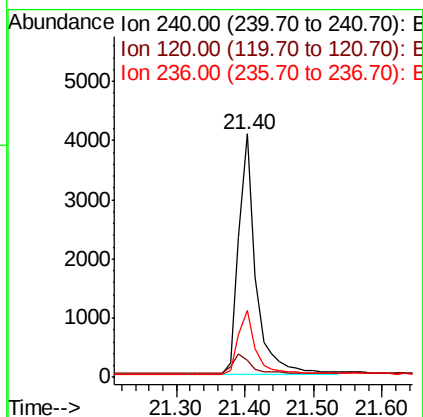
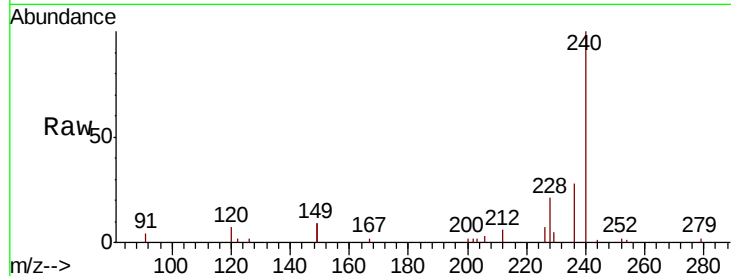




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

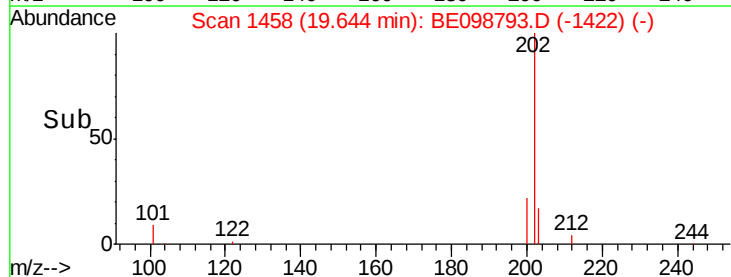
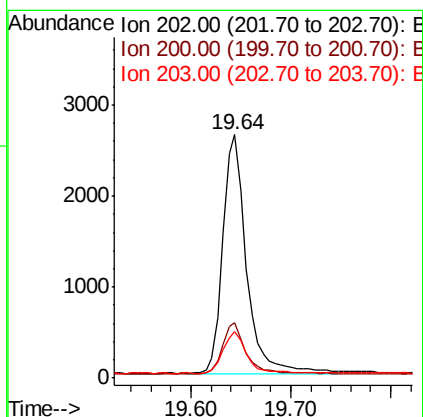
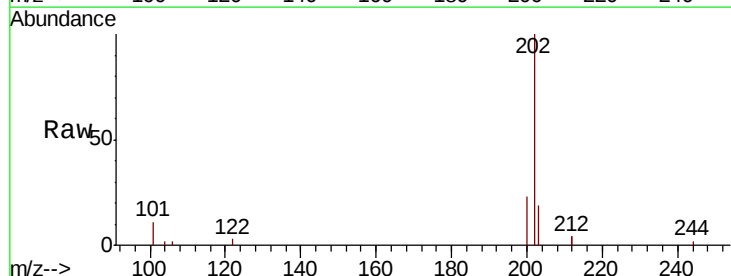
Instrument :
BNA_E
ClientSampled :
SSTDIC0.2

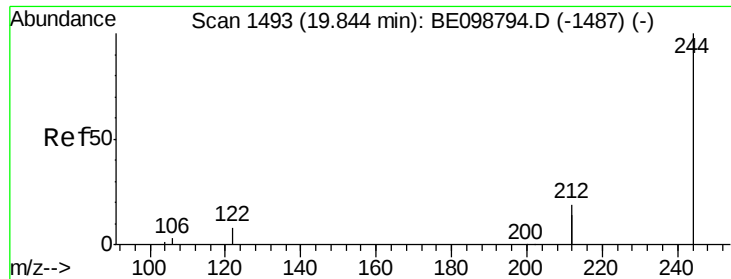
Tot Ion:240 Resp: 7176
Ion Ratio Lower Upper
240 100
120 6.8 5.0 7.4
236 27.7 22.7 34.1



#28
Pyrene
Concen: 0.217 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:202 Resp: 4292
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.7 14.2 21.2





#29

Terphenyl-d14

Concen: 0.211 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

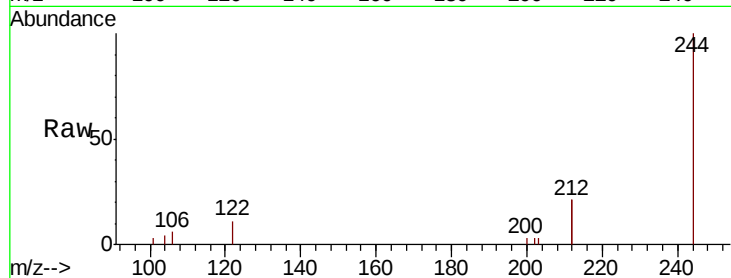
Tot Ion:244 Resp: 3358

Ion Ratio Lower Upper

244 100

212 42.7 29.4 44.2

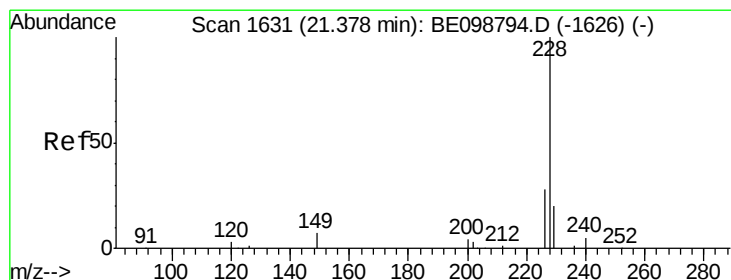
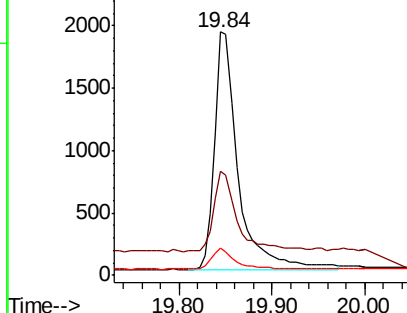
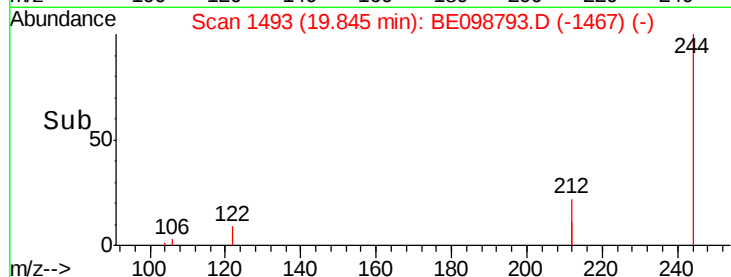
122 11.4 7.1 10.7#



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: 0.218 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

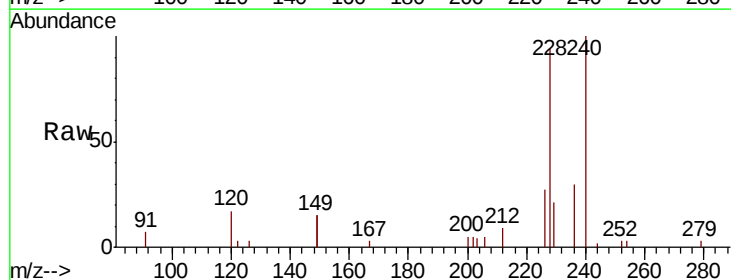
Tgt Ion:228 Resp: 4213

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.4

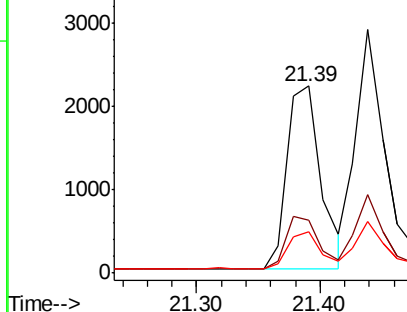
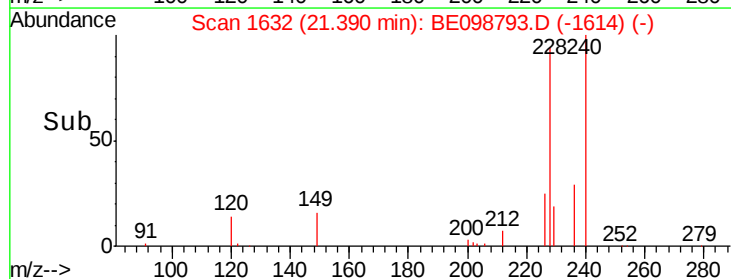
229 22.2 16.5 24.7

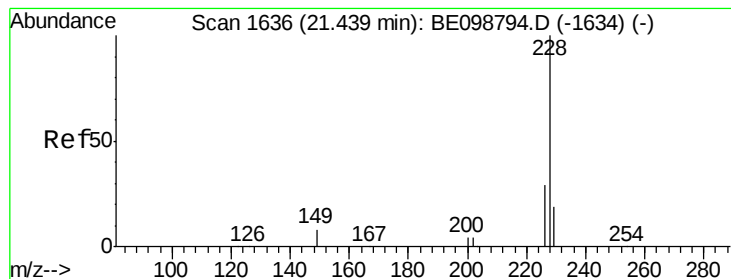


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.230 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

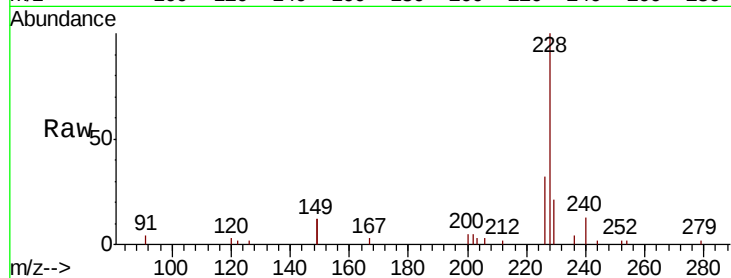
Tot Ion:228 Resp: 4596

Ion Ratio Lower Upper

228 100

226 32.1 23.7 35.5

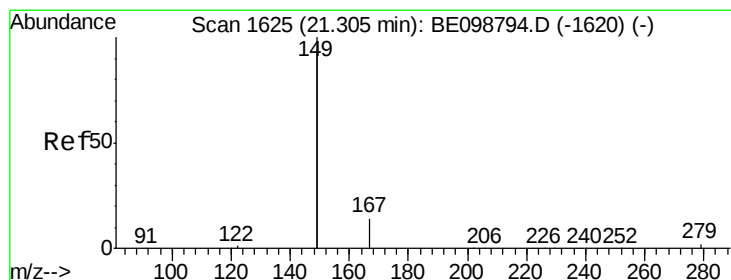
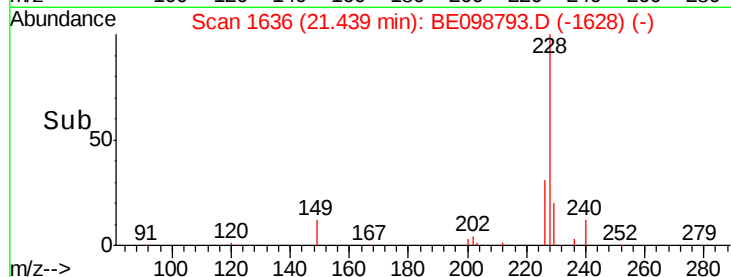
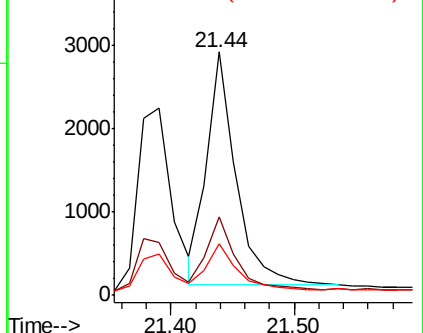
229 21.2 16.1 24.1



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: 0.226 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

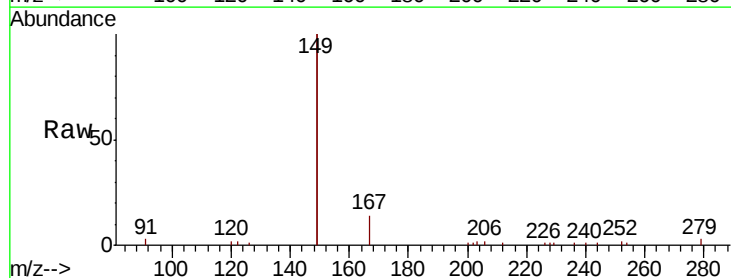
Tgt Ion:149 Resp: 9247

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

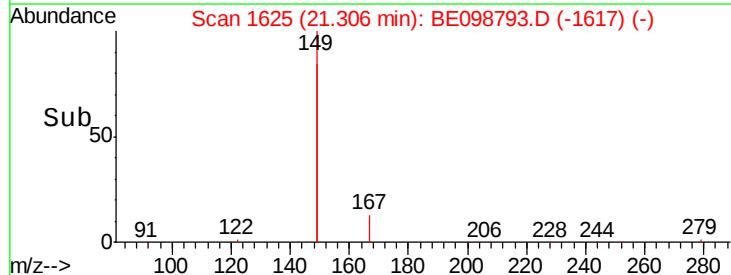
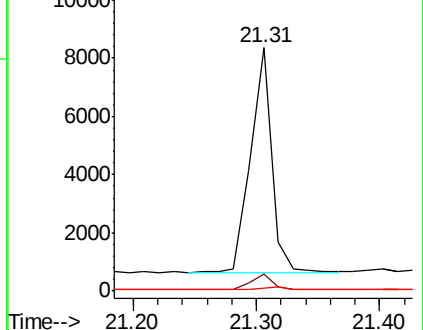
279 1.4 1.0 1.4



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

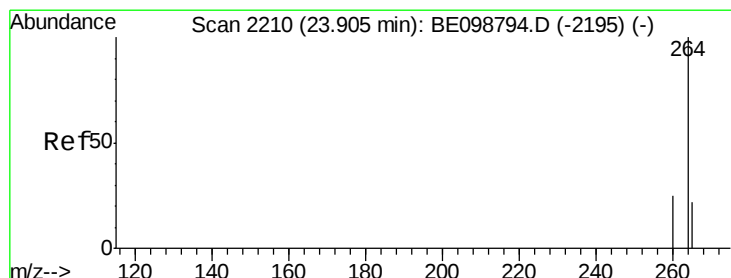
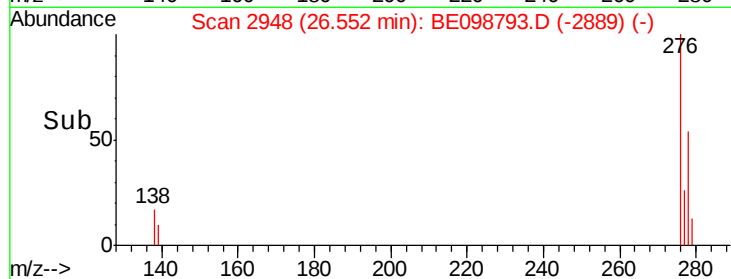
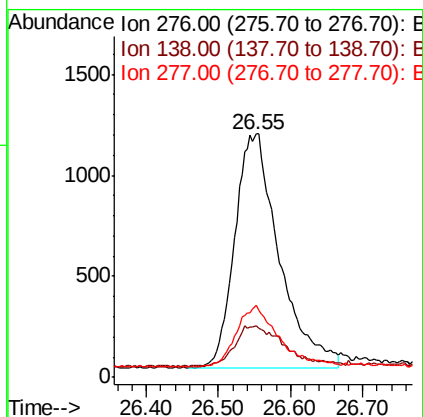
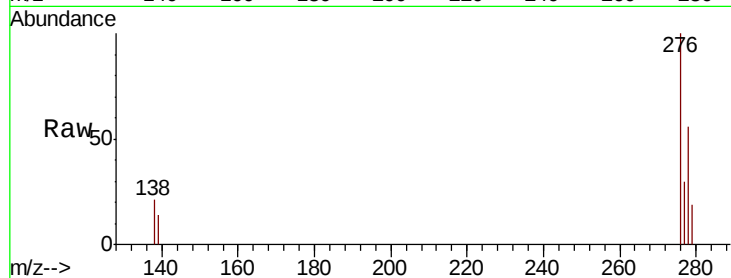




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.236 ng
RT: 26.55 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

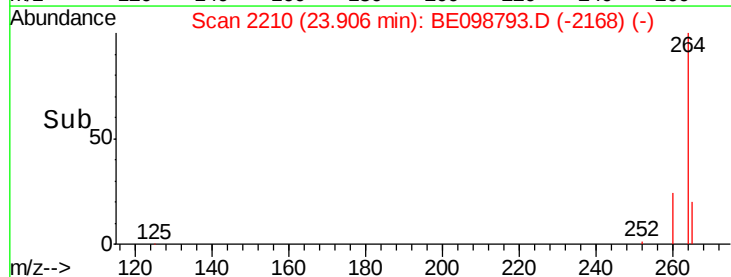
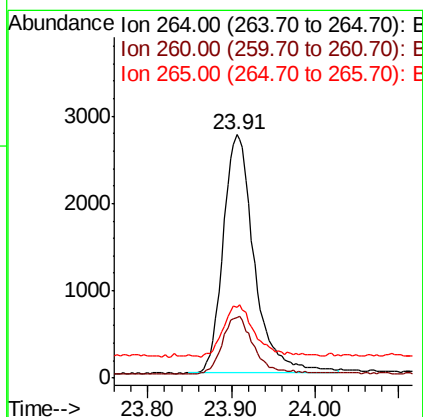
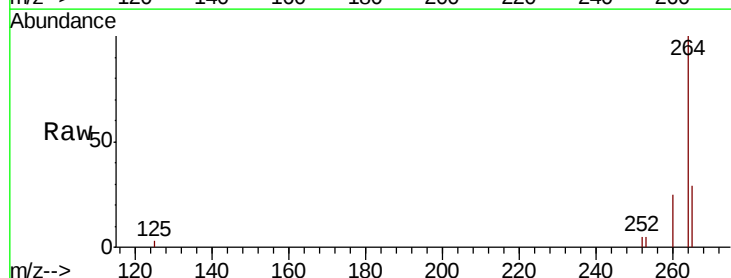
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

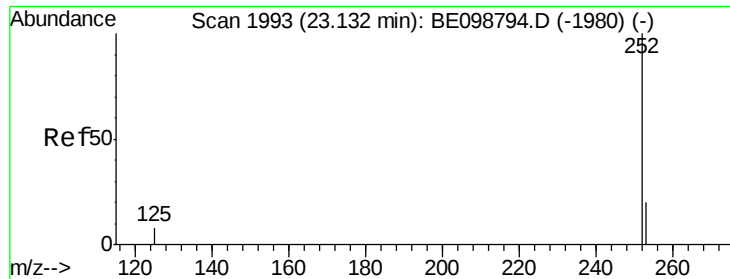
Tot Ion:276 Resp: 4858
Ion Ratio Lower Upper
276 100
138 18.4 13.8 20.8
277 23.8 19.5 29.3



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:264 Resp: 7079
Ion Ratio Lower Upper
264 100
260 25.1 21.2 31.8
265 29.1 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.222 ng

RT: 23.14 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

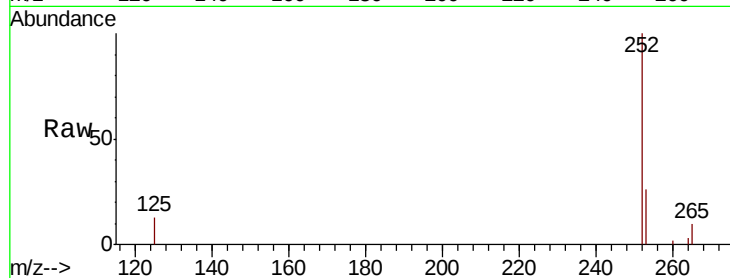
Tot Ion:252 Resp: 4291

Ion Ratio Lower Upper

252 100

253 26.0 18.2 27.2

125 13.3 7.3 10.9#

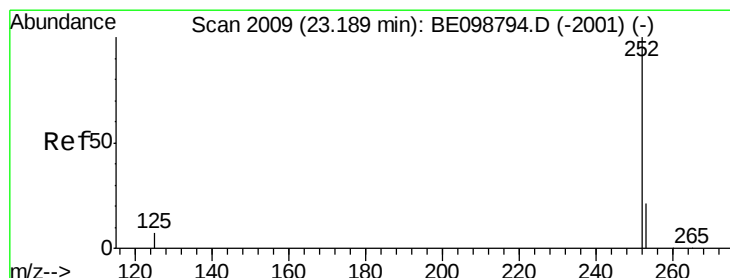
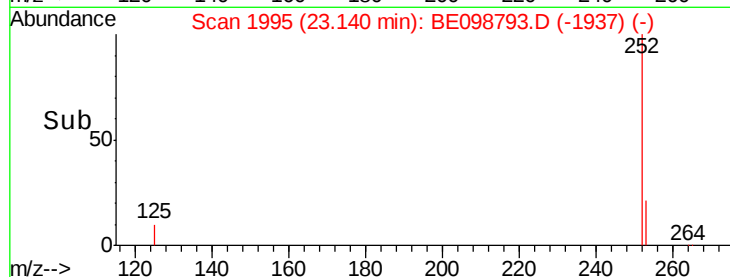
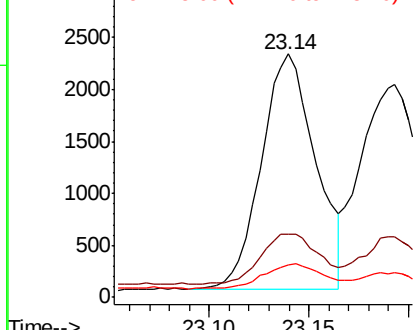


Abundance

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: 0.225 ng

RT: 23.19 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

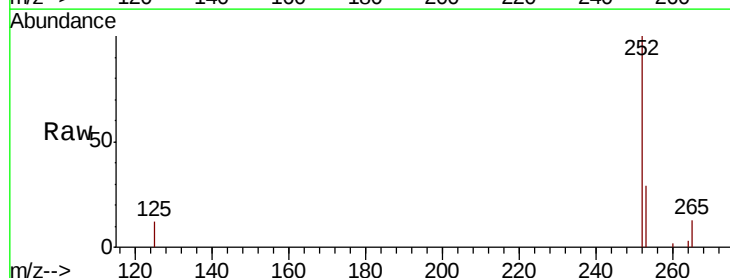
Tgt Ion:252 Resp: 4740

Ion Ratio Lower Upper

252 100

253 28.6 19.3 28.9

125 11.5 7.5 11.3#

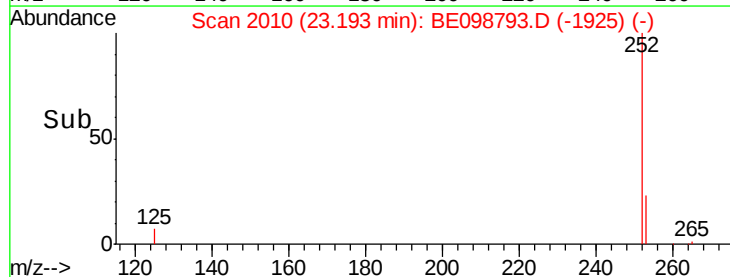
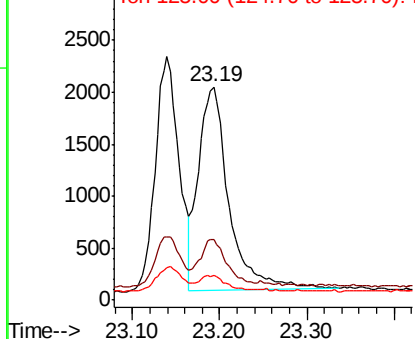


Abundance

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: 0.221 ng

RT: 23.80 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

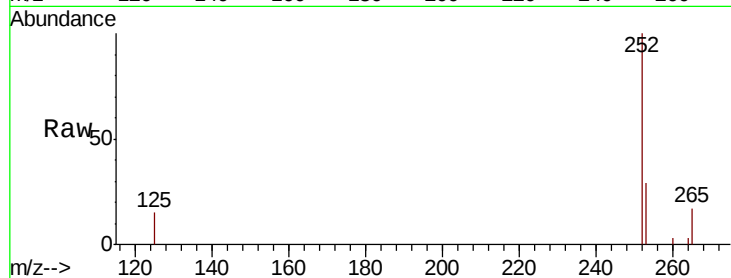
Tot Ion:252 Resp: 4196

Ion Ratio Lower Upper

252 100

253 29.0 19.9 29.9

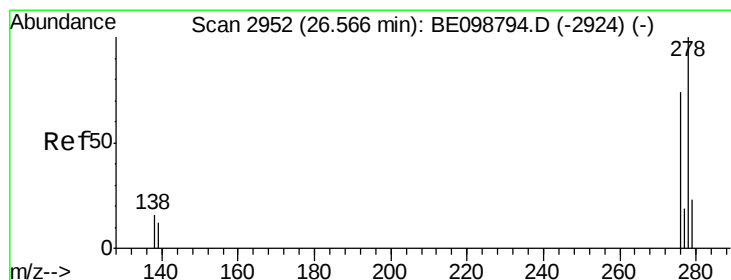
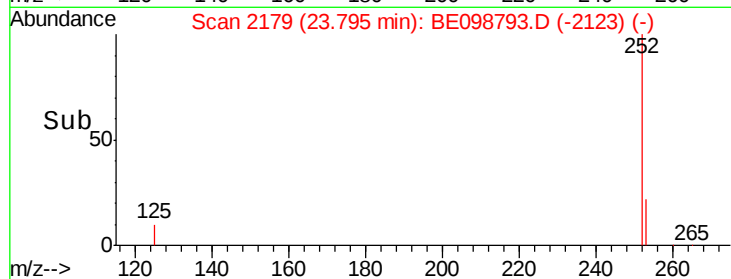
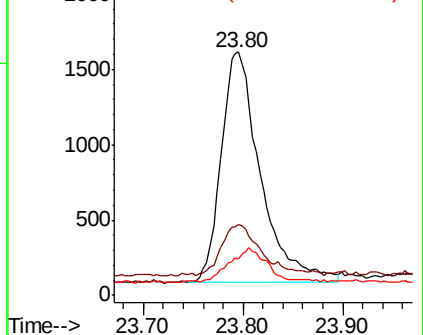
125 14.7 9.0 13.4#



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: 0.227 ng

RT: 26.58 min Scan# 2955

Delta R.T. 0.01 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

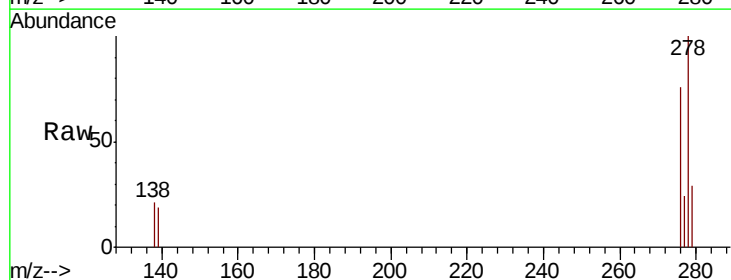
Tgt Ion:278 Resp: 3811

Ion Ratio Lower Upper

278 100

139 19.3 11.8 17.6#

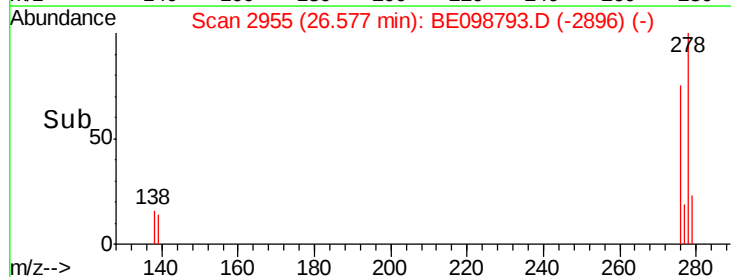
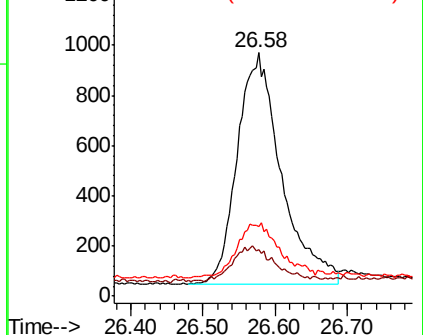
279 28.7 21.1 31.7

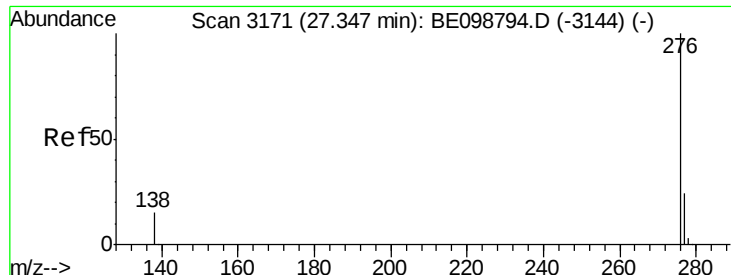


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.223 ng

RT: 27.36 min Scan# 3174

Delta R.T. 0.01 min

Lab File: BE098793.D

Acq: 6 Mar 2019 11:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

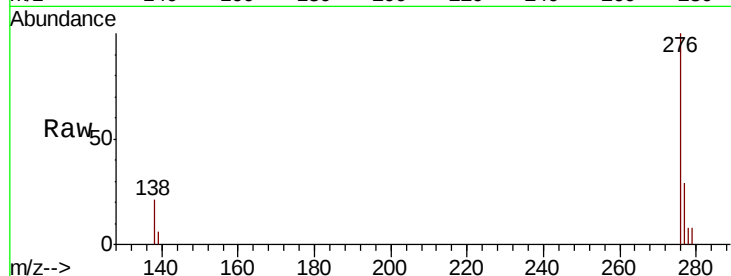
Tot Ion:276 Resp: 4111

Ion Ratio Lower Upper

276 100

277 28.5 20.4 30.6

138 21.0 13.6 20.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

