

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
 Data File : BE098907.D
 Acq On : 12 Mar 2019 20:45
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 13 07:46:40 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	870	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4033	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2613	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6729	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7561	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7469	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	866	0.33	ng	0.01
5) Phenol-d6	6.99	99	1401	0.38	ng	0.00
8) Nitrobenzene-d5	8.96	82	1308	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2877	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	390	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4264	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	36594	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	7184	0.39	ng	0.00

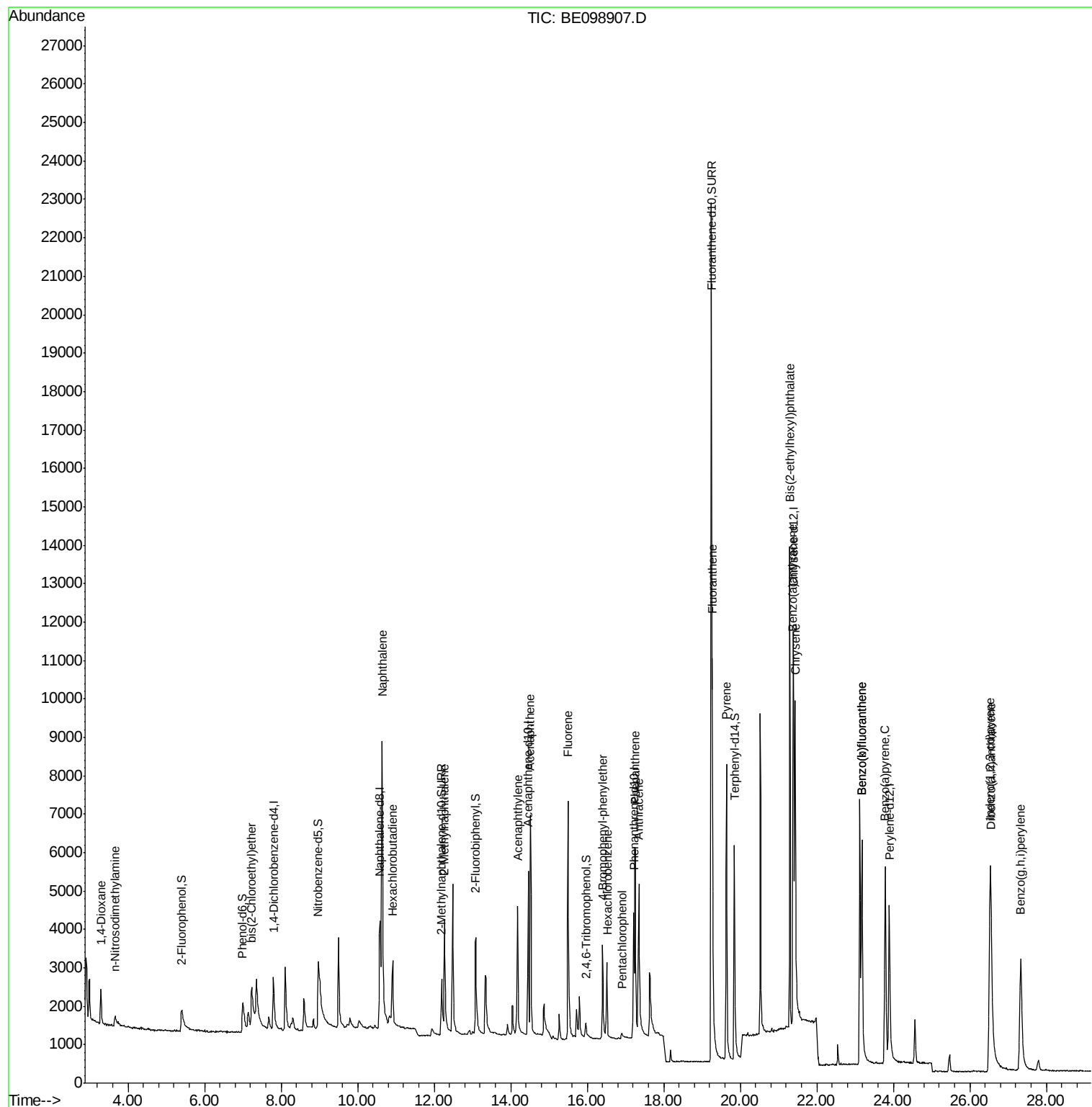
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	638	0.372	ng	96
3) n-Nitrosodimethylamine	3.66	42	401	0.183	ng	# 92
6) bis(2-Chloroethyl)ether	7.23	93	944	0.333	ng	97
9) Naphthalene	10.64	128	18273	0.396	ng	100
10) Hexachlorobutadiene	10.91	225	1225	0.401	ng	98
12) 2-Methylnaphthalene	12.27	142	2910	0.388	ng	97
16) Acenaphthylene	14.18	152	5127	0.382	ng	97
17) Acenaphthene	14.51	154	3173	0.398	ng	98
18) Fluorene	15.50	166	4430	0.385	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	1313	0.360	ng	97
21) Hexachlorobenzene	16.52	284	1684	0.388	ng	96
22) Pentachlorophenol	16.91	266	173	0.382	ng	93
23) Phenanthrene	17.26	178	7243	0.379	ng	99
24) Anthracene	17.35	178	5364	0.328	ng	99
26) Fluoranthene	19.27	202	9299	0.344	ng	99
28) Pyrene	19.64	202	9343	0.404	ng	100
30) Benzo(a)anthracene	21.38	228	7917	0.335	ng	98
31) Chrysene	21.44	228	10384	0.411	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	14092	0.281	ng	99
33) Indeno(1,2,3-cd)pyrene	26.53	276	10813	0.406	ng	97
35) Benzo(b)fluoranthene	23.18	252	10372	0.422	ng	98
36) Benzo(k)fluoranthene	23.18	252	10484	0.408	ng	99
37) Benzo(a)pyrene	23.79	252	9169	0.389	ng	# 82
38) Dibenzo(a,h)anthracene	26.55	278	8353	0.375	ng	# 94
39) Benzo(g,h,i)perylene	27.33	276	9084	0.390	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
Data File : BE098907.D
Acq On : 12 Mar 2019 20:45
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 13 07:46:40 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



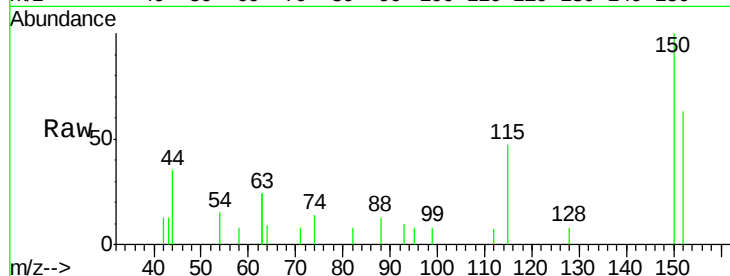


#1

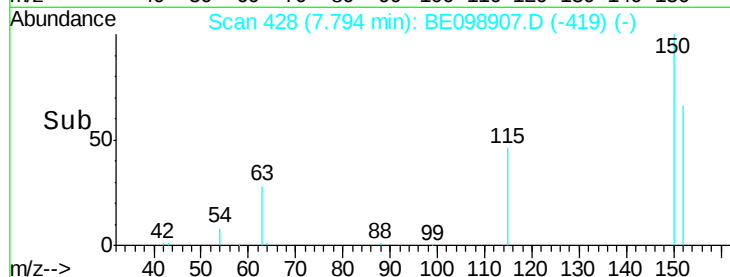
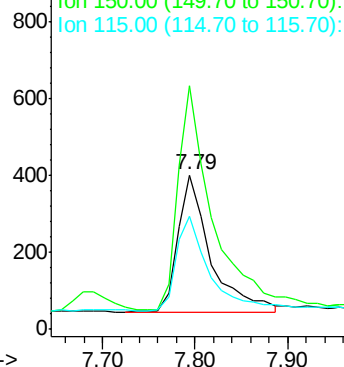
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 870
Ion Ratio Lower Upper
152 100
150 157.6 122.5 183.7
115 73.3 57.4 86.2



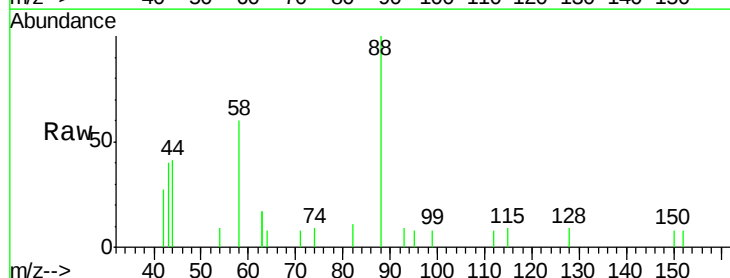
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



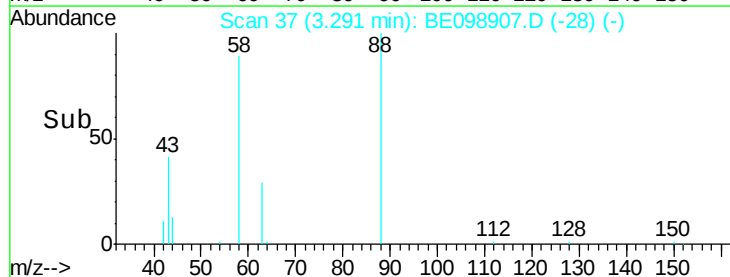
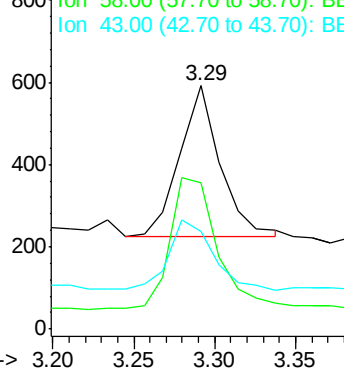
#2

1,4-Dioxane
Concen: 0.372 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion: 88 Resp: 638
Ion Ratio Lower Upper
88 100
58 100.5 75.8 113.6
43 51.7 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

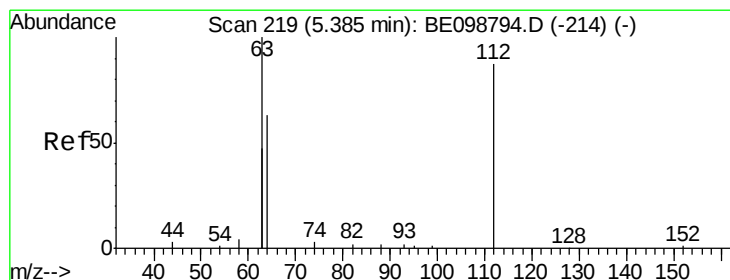
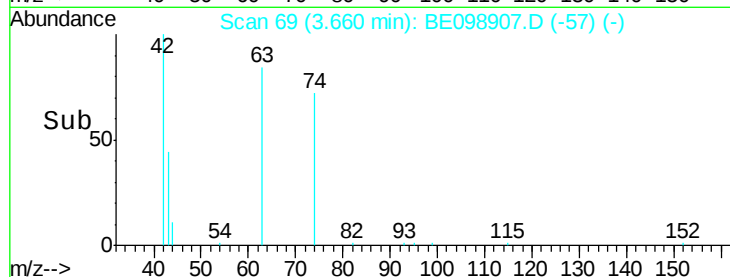
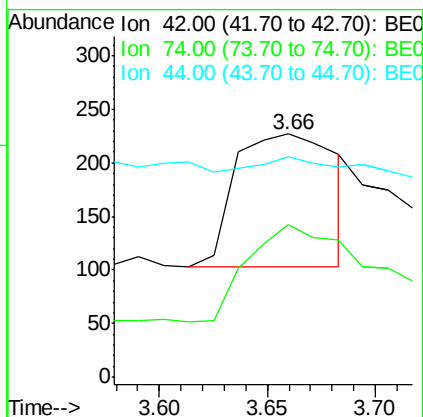
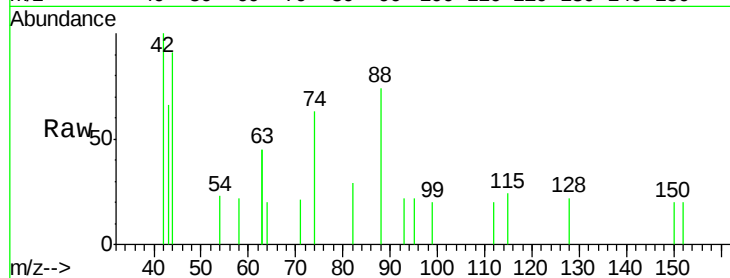




#3
n-Nitrosodimethylamine
Concen: 0.183 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.04 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

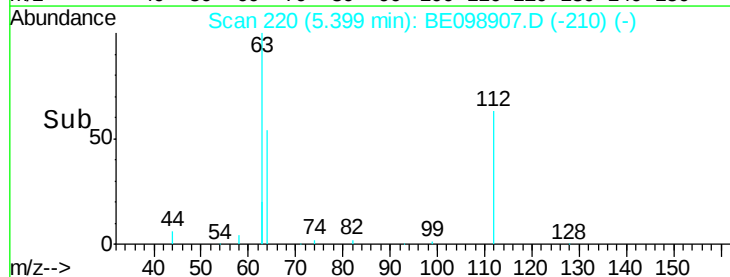
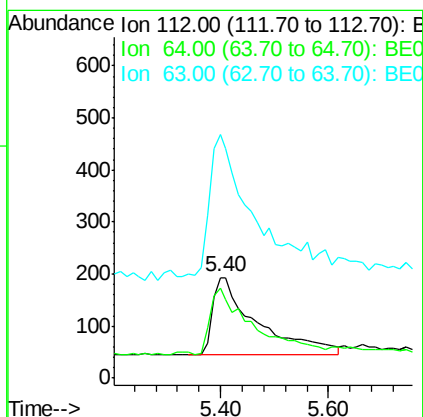
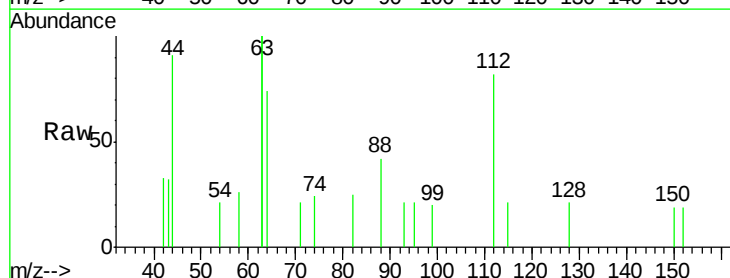
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 401
Ion Ratio Lower Upper
42 100
74 64.6 57.0 85.4
44 7.0 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.333 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion: 112 Resp: 866
Ion Ratio Lower Upper
112 100
64 81.6 57.9 86.9
63 188.3 158.3 237.5





#5

Phenol-d6

Concen: 0.381 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

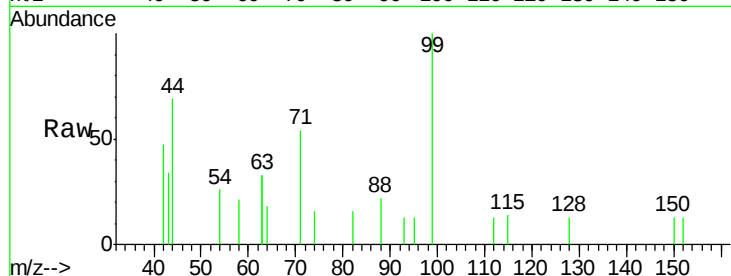
Tgt Ion: 99 Resp: 1401

Ion Ratio Lower Upper

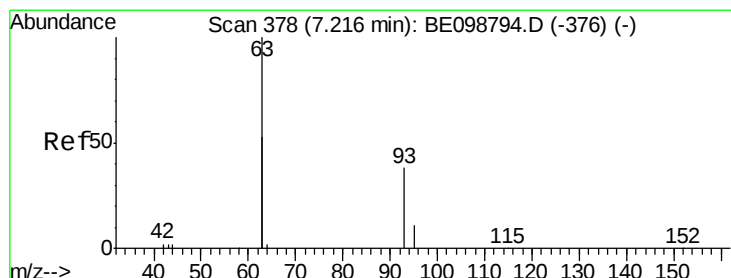
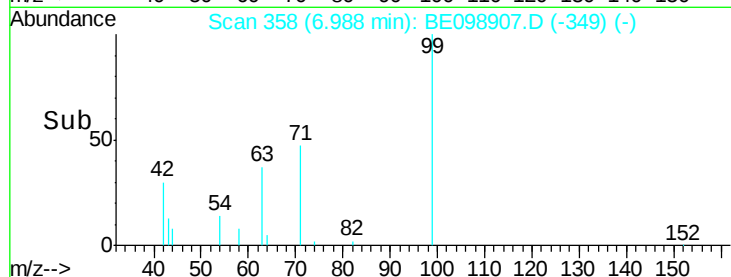
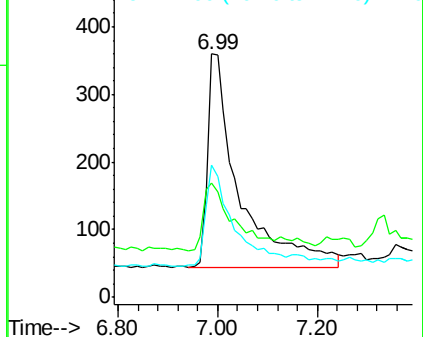
99 100

42 30.1 24.2 36.2

71 41.3 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: 0.333 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

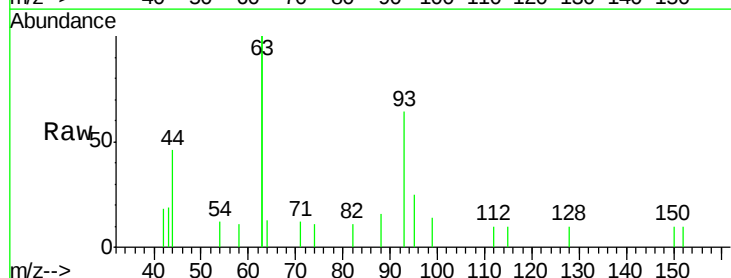
Tgt Ion: 93 Resp: 944

Ion Ratio Lower Upper

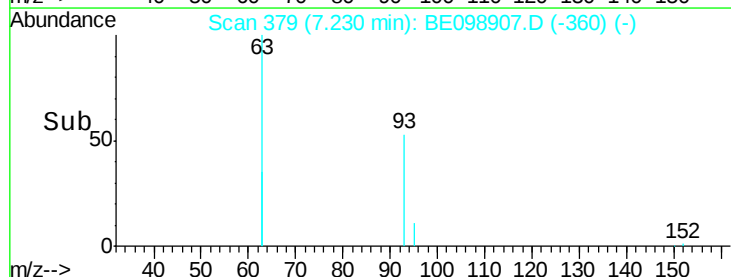
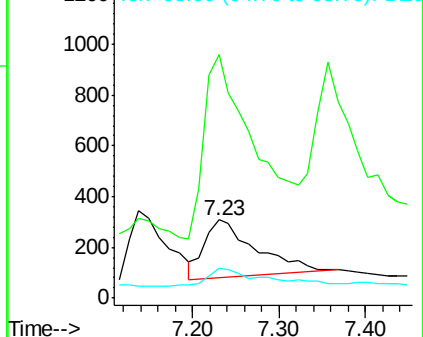
93 100

63 314.4 247.5 371.3

95 31.7 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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 4033

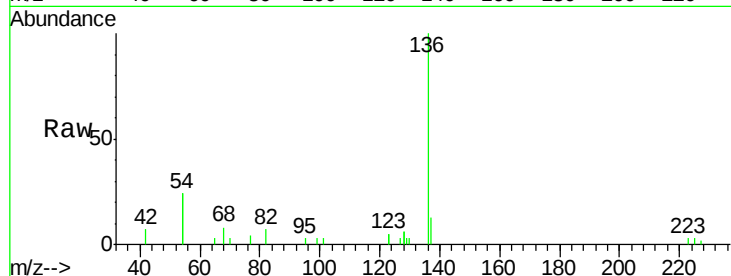
Ion Ratio Lower Upper

136 100

137 13.2 11.4 17.0

54 47.5 39.3 58.9

68 8.1 6.7 10.1

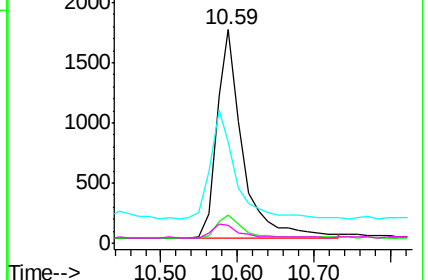
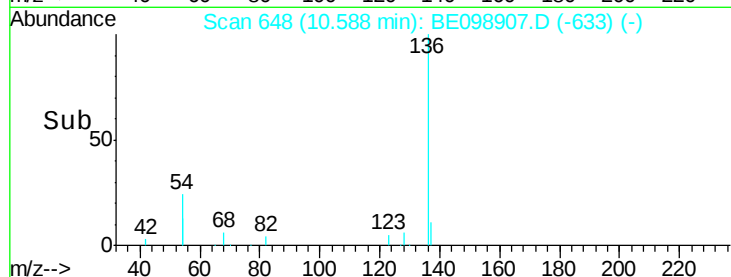


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.309 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

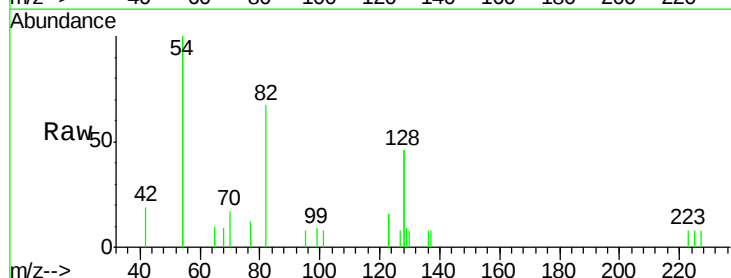
Tgt Ion: 82 Resp: 1308

Ion Ratio Lower Upper

82 100

128 138.0 123.8 185.8

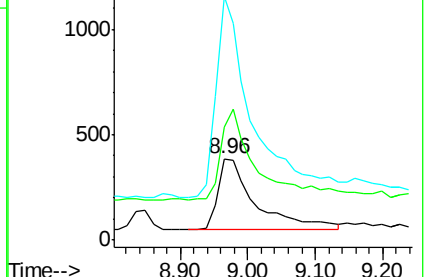
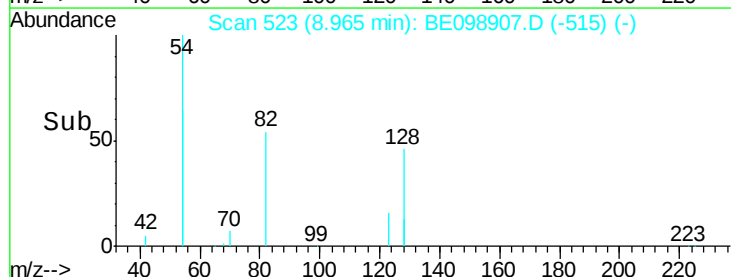
54 298.7 203.4 305.2



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: 0.396 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

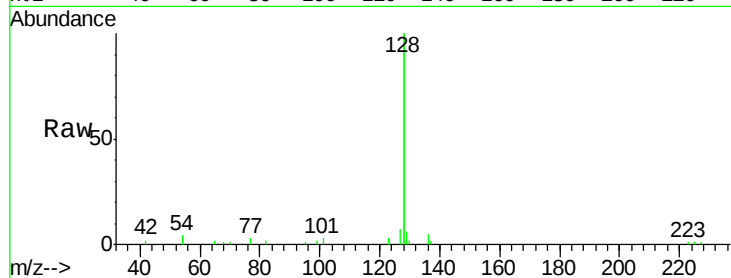
Tgt Ion:128 Resp: 18273

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

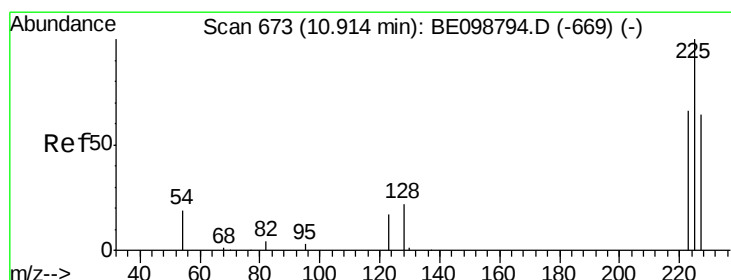
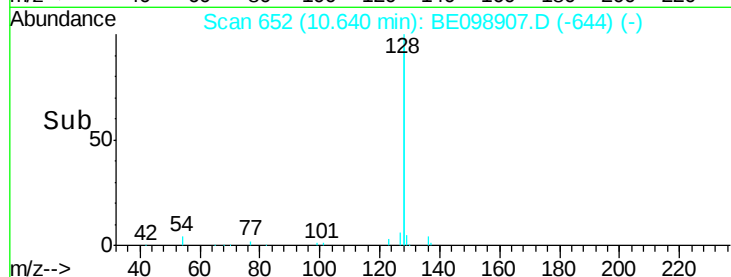
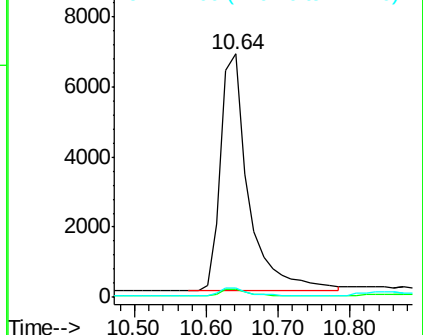
127 3.7 3.1 4.7



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: 0.401 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

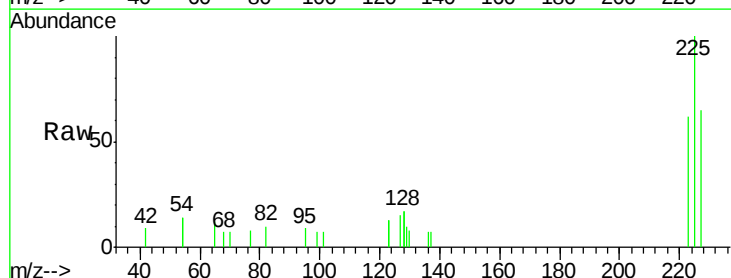
Tgt Ion:225 Resp: 1225

Ion Ratio Lower Upper

225 100

223 61.6 51.1 76.7

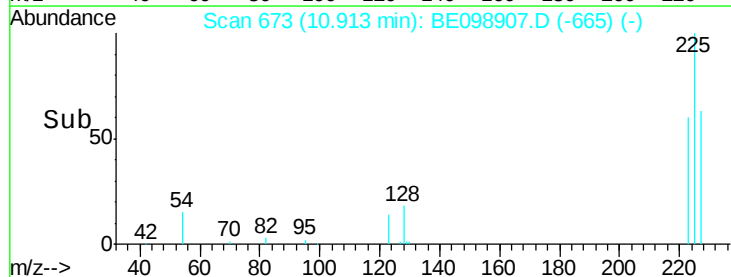
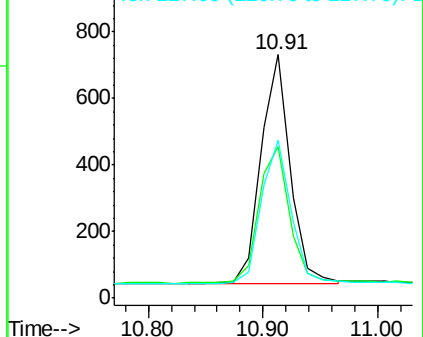
227 63.6 51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

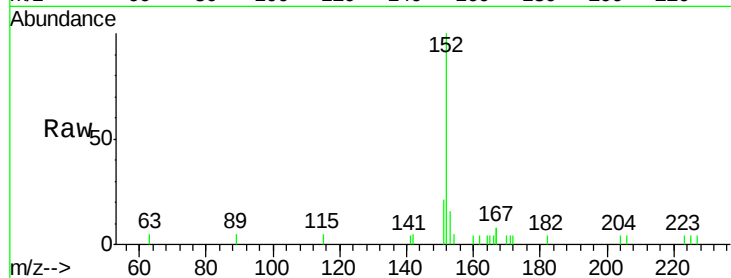
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2877

Ion Ratio Lower Upper

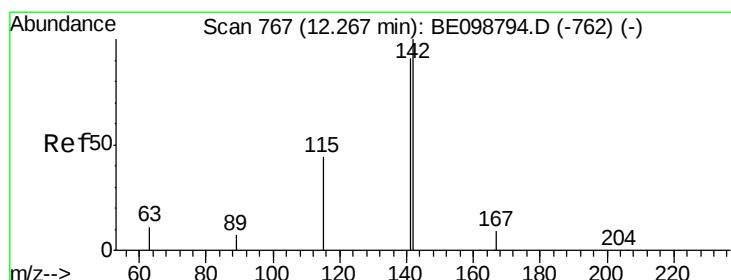
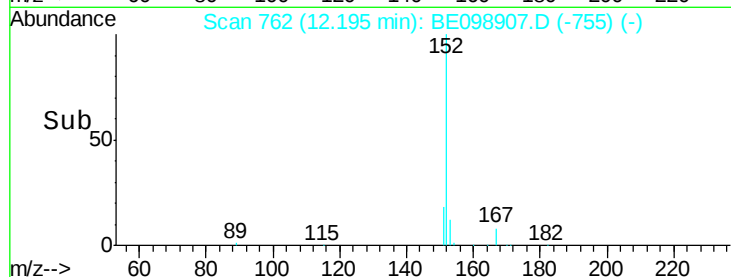
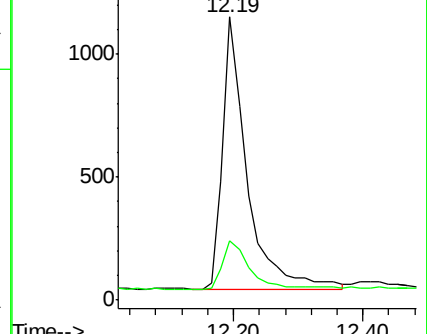
152 100

151 19.4 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: 0.388 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

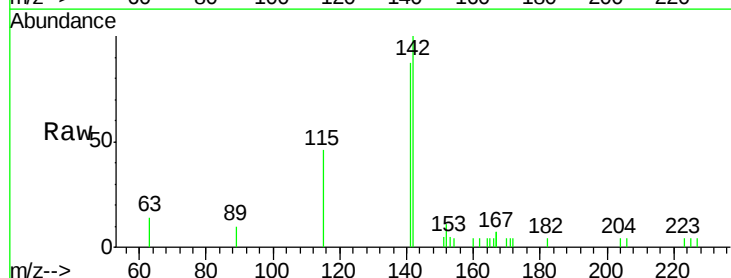
Tgt Ion:142 Resp: 2910

Ion Ratio Lower Upper

142 100

141 87.0 72.6 108.8

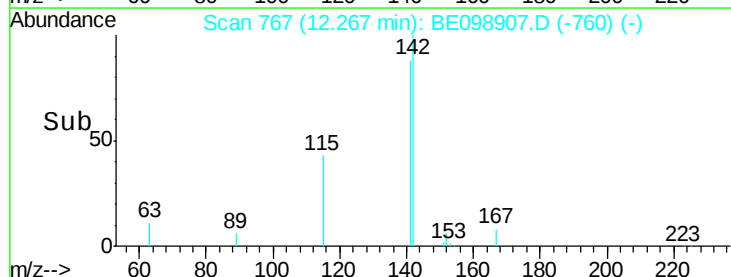
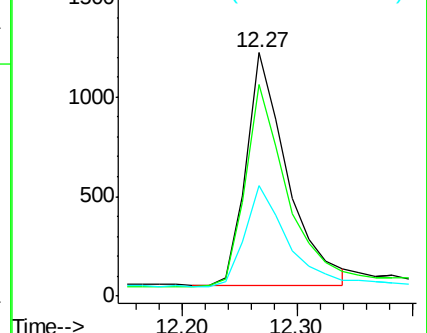
115 45.5 37.4 56.2

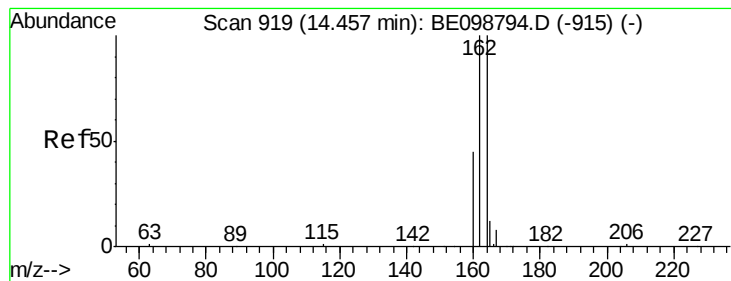


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

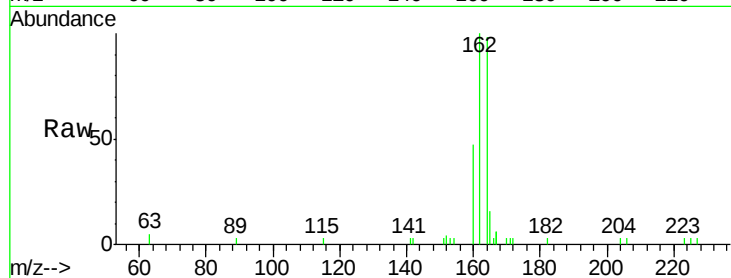
Tgt Ion:164 Resp: 2613

Ion Ratio Lower Upper

164 100

162 102.4 80.2 120.2

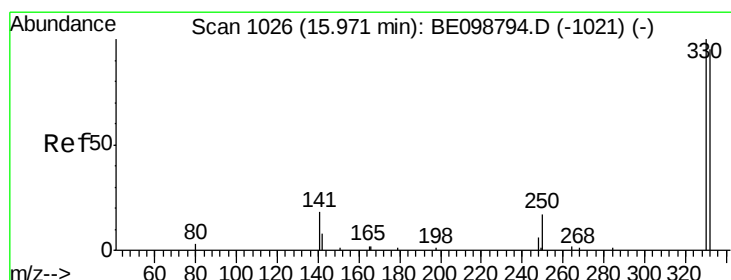
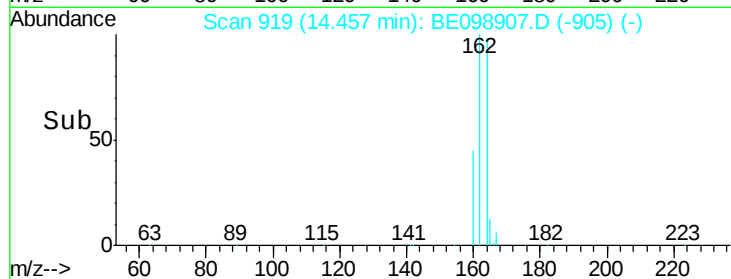
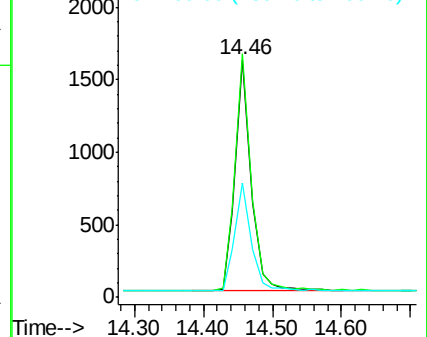
160 48.0 37.8 56.8



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: 0.296 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

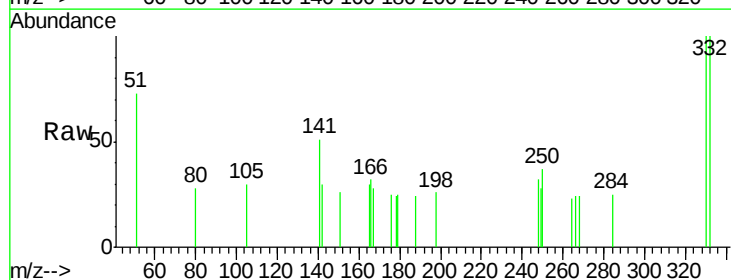
Tgt Ion:330 Resp: 390

Ion Ratio Lower Upper

330 100

332 99.5 77.6 116.4

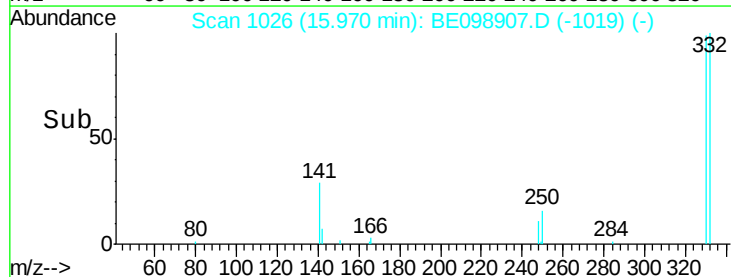
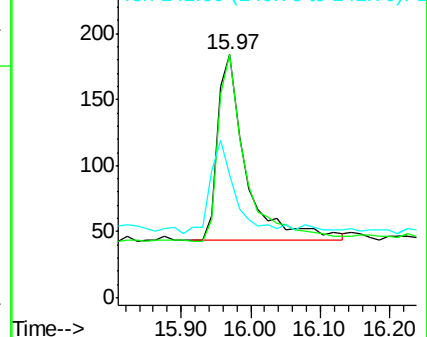
141 45.6 31.0 46.4

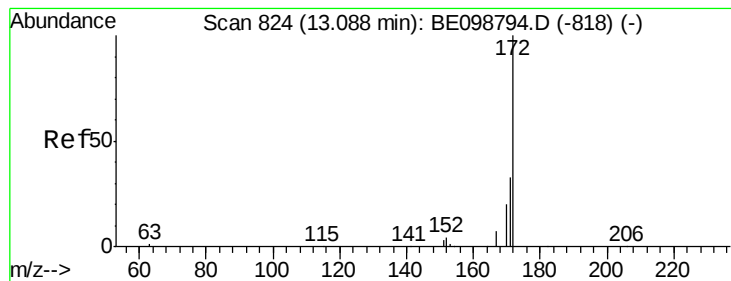


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.394 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

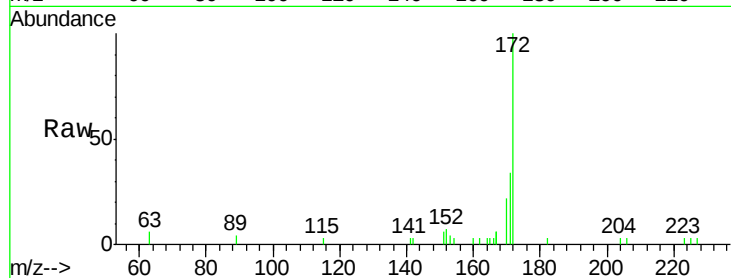
Tgt Ion:172 Resp: 4264

Ion Ratio Lower Upper

172 100

171 33.8 28.0 42.0

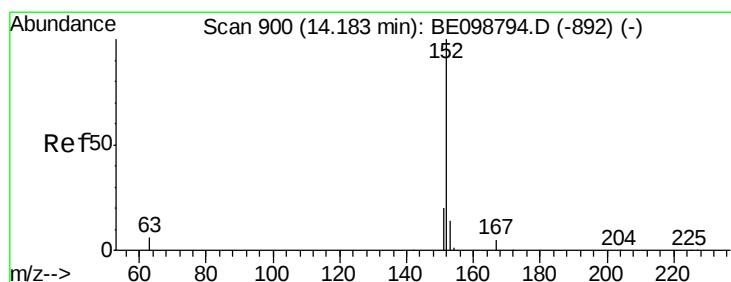
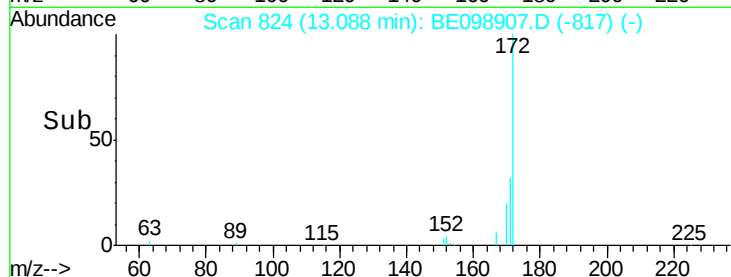
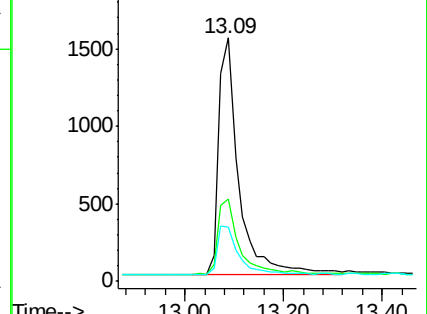
170 22.4 17.7 26.5



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: BE098907.D

Acq: 12 Mar 2019 20:45

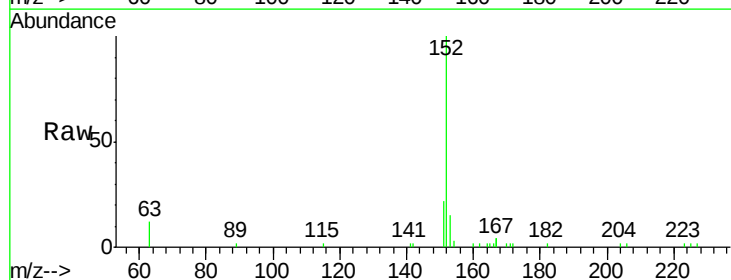
Tgt Ion:152 Resp: 5127

Ion Ratio Lower Upper

152 100

151 19.7 17.0 25.6

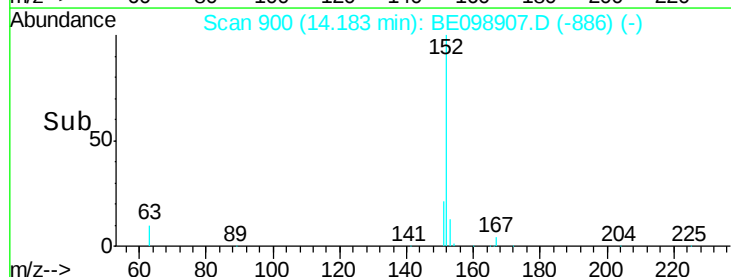
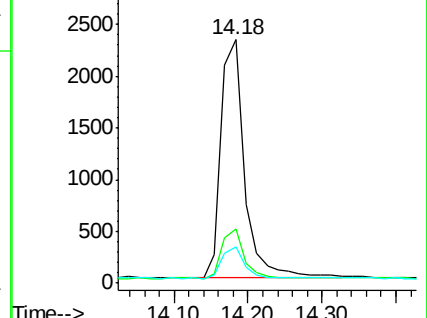
153 13.1 11.2 16.8

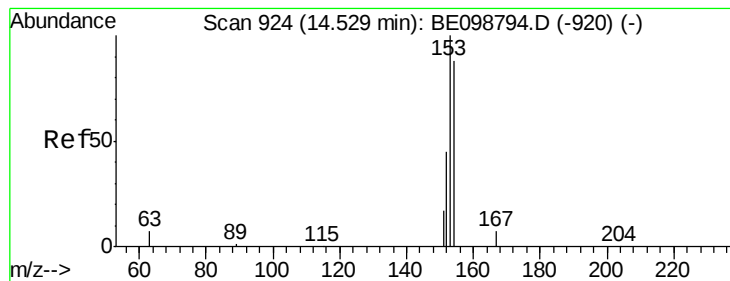


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

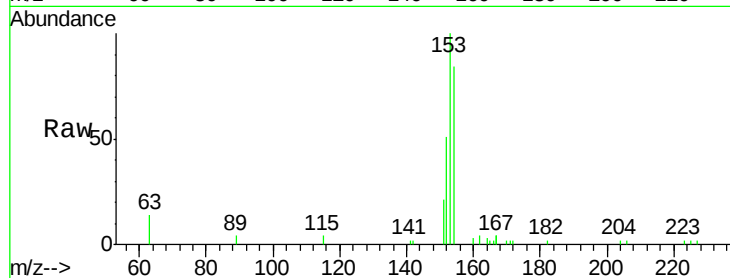
Tgt Ion:154 Resp: 3173

Ion Ratio Lower Upper

154 100

153 114.8 94.2 141.4

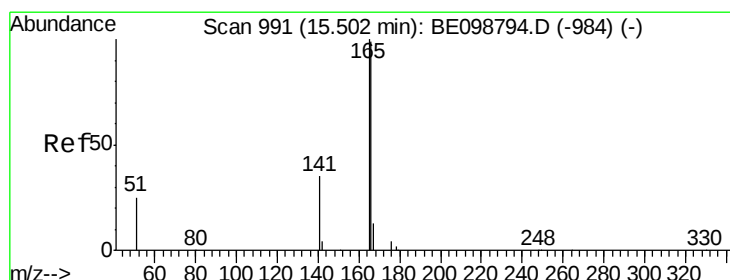
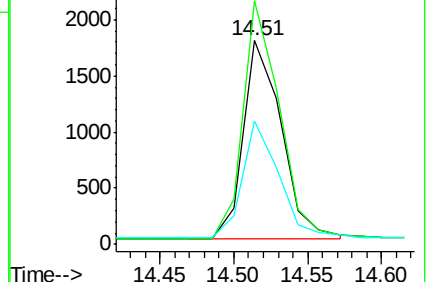
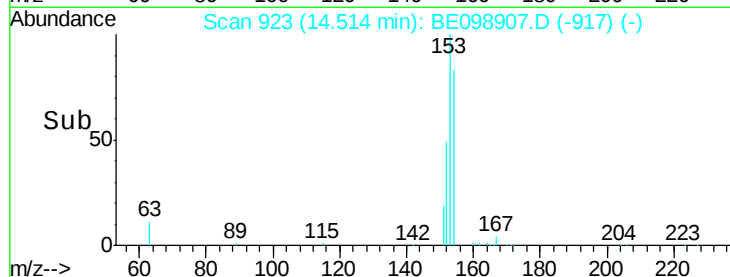
152 56.2 45.0 67.4



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: 0.385 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

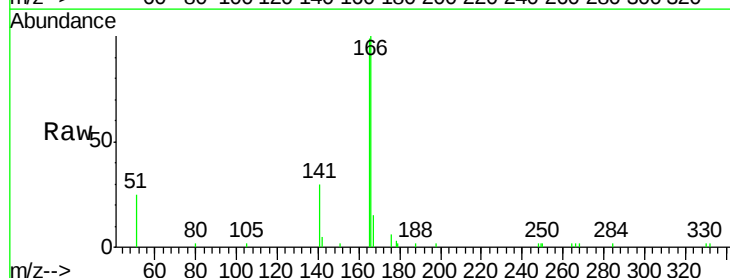
Tgt Ion:166 Resp: 4430

Ion Ratio Lower Upper

166 100

165 99.3 79.3 118.9

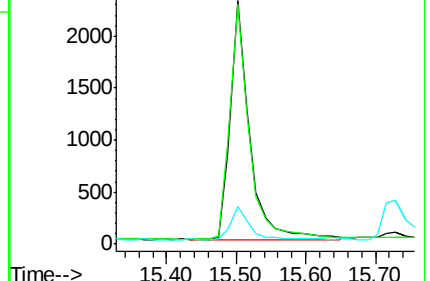
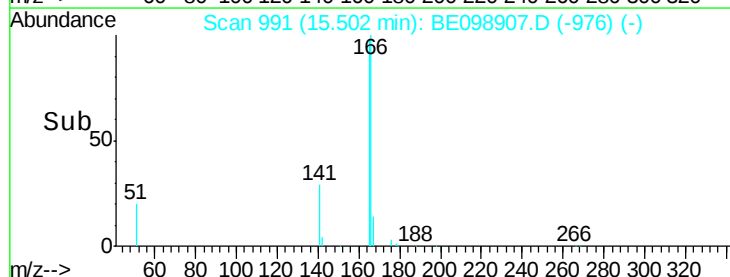
167 13.1 10.5 15.7



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: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

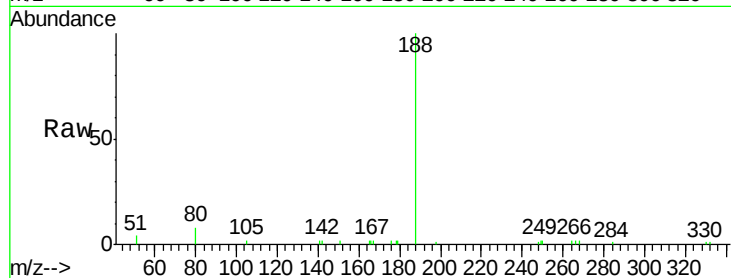
Tgt Ion:188 Resp: 6729

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

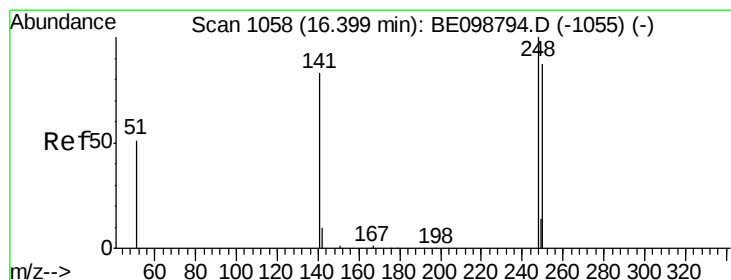
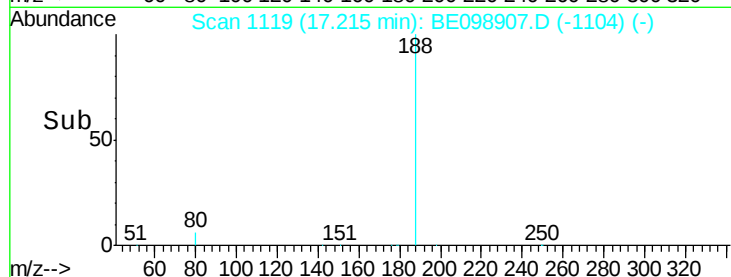
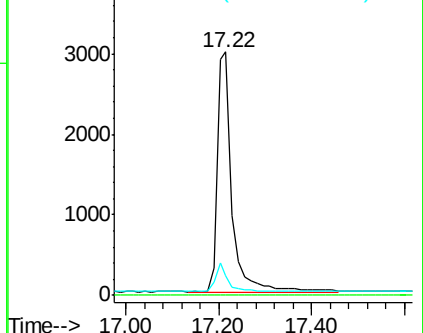
80 7.8 6.3 9.5



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: 0.360 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

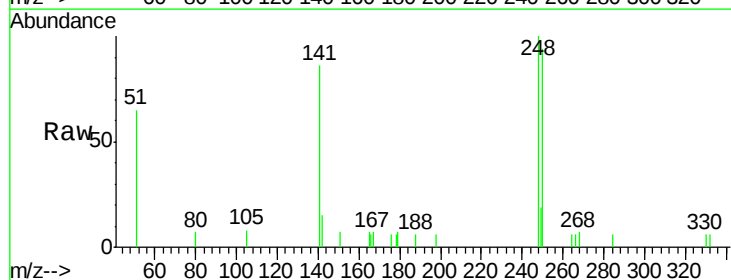
Tgt Ion:248 Resp: 1313

Ion Ratio Lower Upper

248 100

250 94.3 70.6 105.8

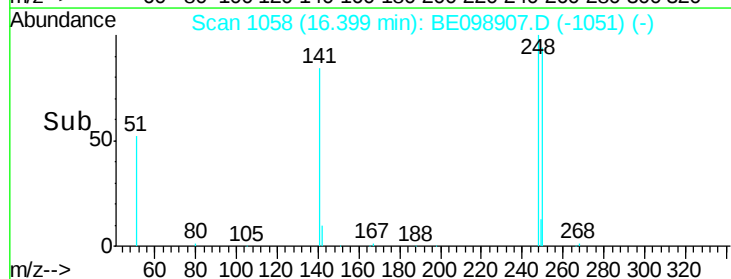
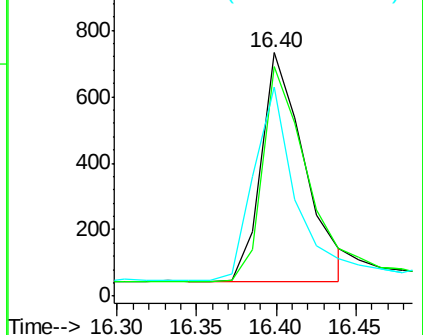
141 85.7 68.6 102.8



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

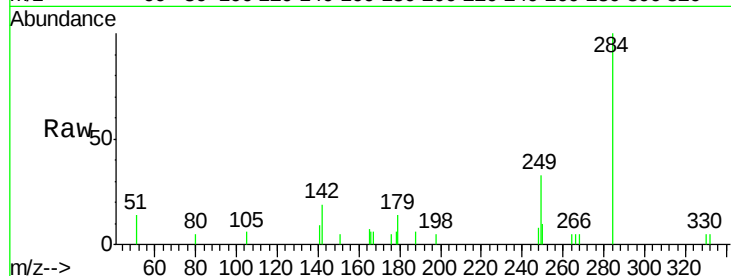




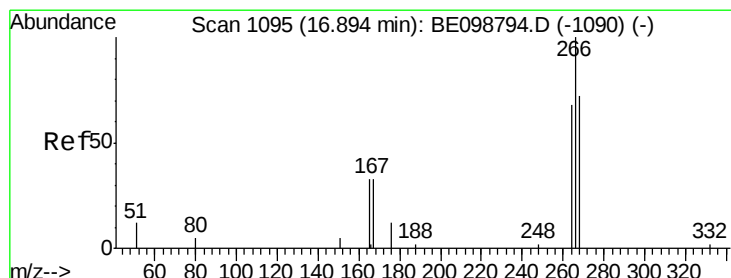
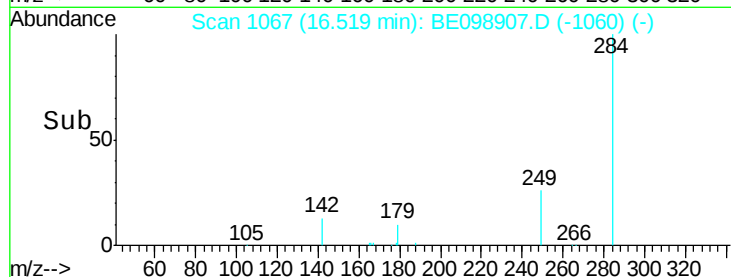
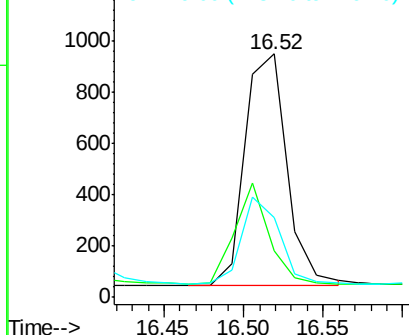
#21
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 1684
Ion Ratio Lower Upper
284 100
142 35.3 28.7 43.1
249 33.3 29.6 44.4

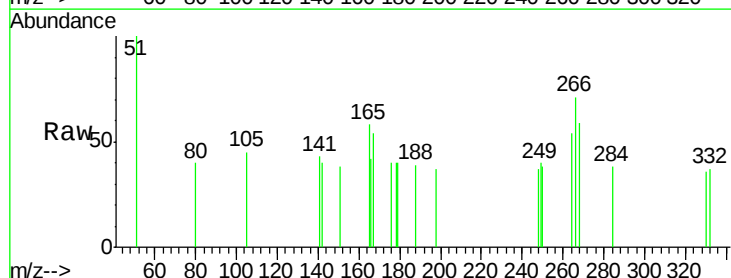


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

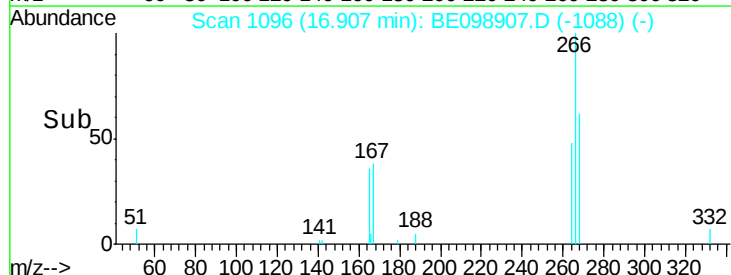
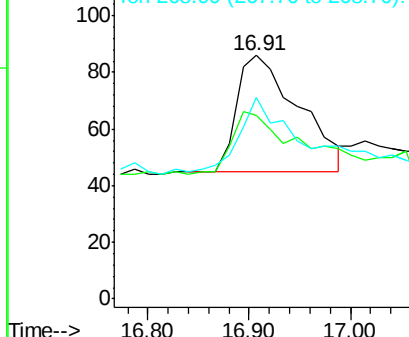


#22
Pentachlorophenol
Concen: 0.382 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098907.D
Acq: 12 Mar 2019 20:45

Tgt Ion: 266 Resp: 173
Ion Ratio Lower Upper
266 100
264 75.6 66.6 100.0
268 82.6 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: 0.379 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

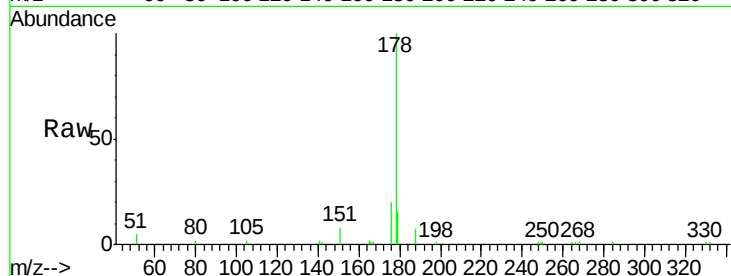
Tgt Ion:178 Resp: 7243

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

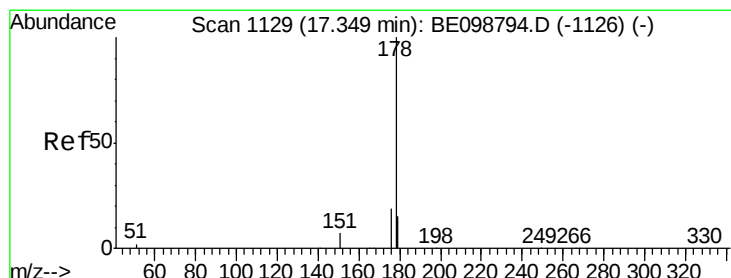
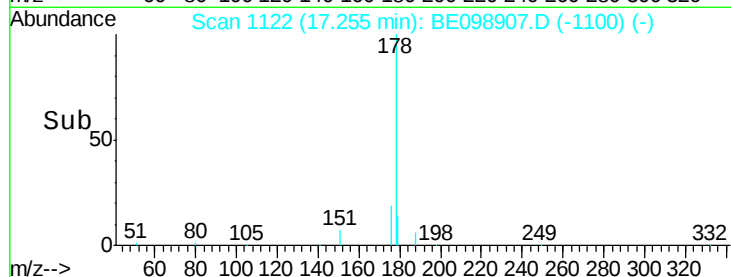
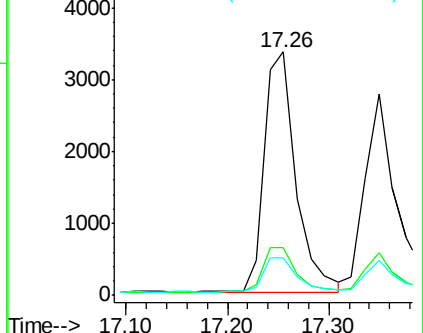
179 15.1 12.1 18.1



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: 0.328 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

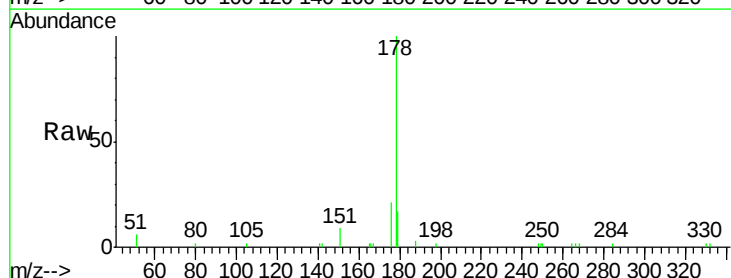
Tgt Ion:178 Resp: 5364

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

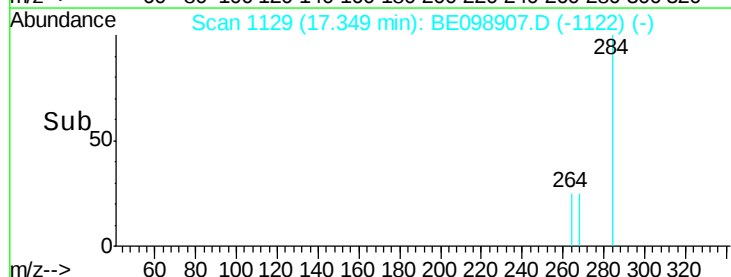
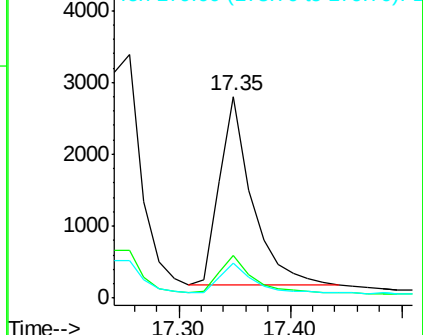
179 15.8 12.2 18.4

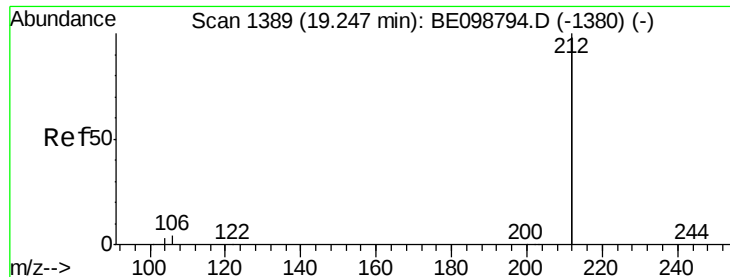


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.341 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

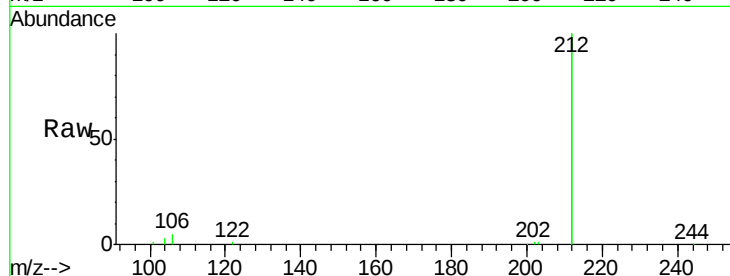
Tgt Ion:212 Resp: 36594

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

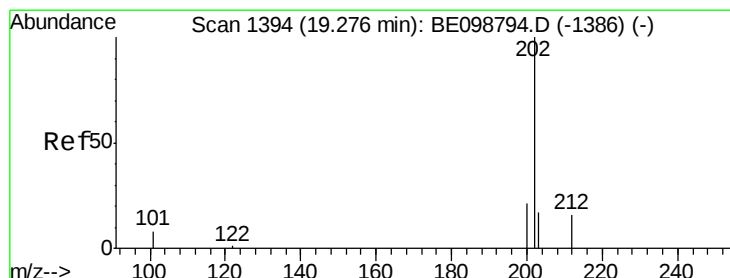
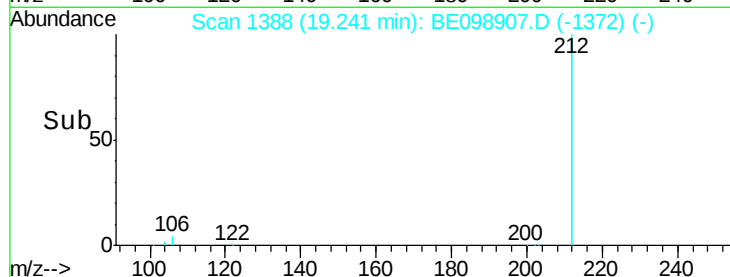
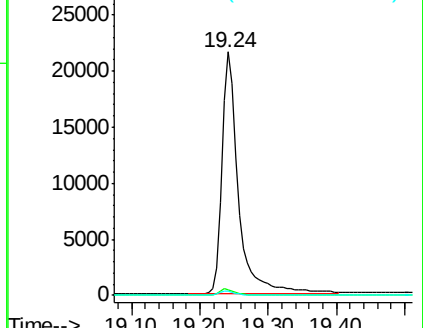
104 1.3 1.0 1.6



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: 0.344 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

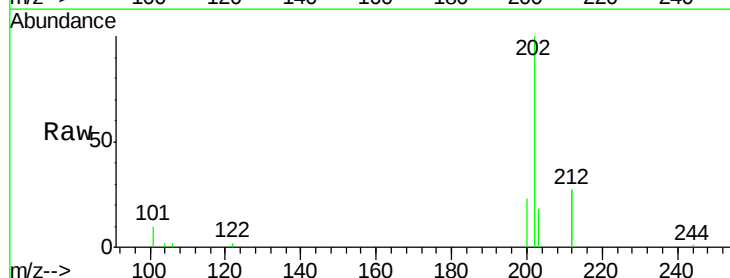
Tgt Ion:202 Resp: 9299

Ion Ratio Lower Upper

202 100

101 8.5 7.3 10.9

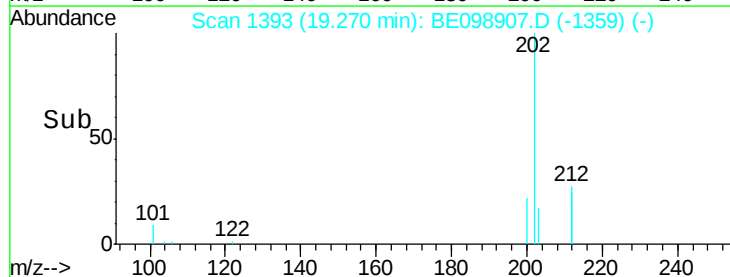
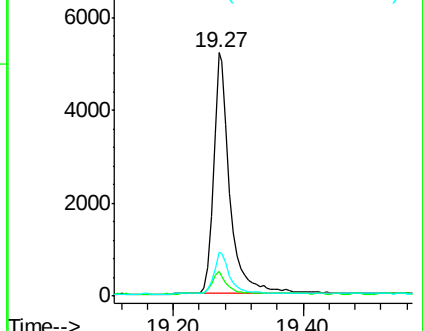
203 16.9 13.4 20.2

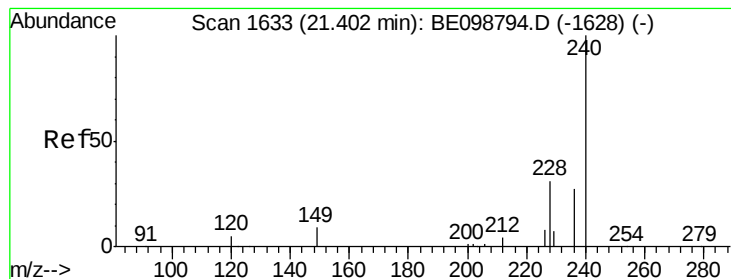


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1632

Delta R.T. -0.01 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

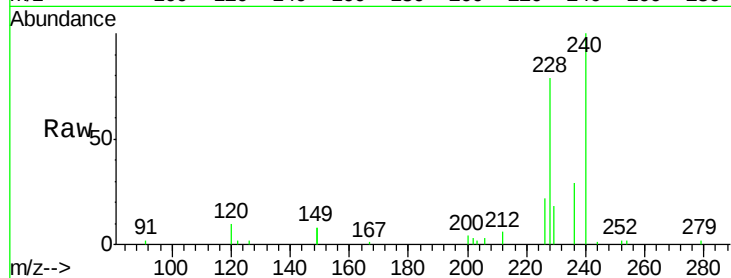
Tgt Ion:240 Resp: 7561

Ion Ratio Lower Upper

240 100

120 10.0 5.0 7.4#

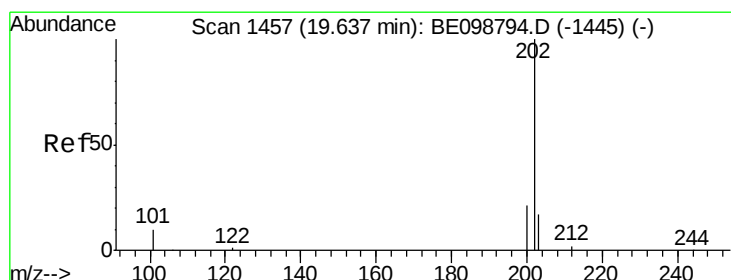
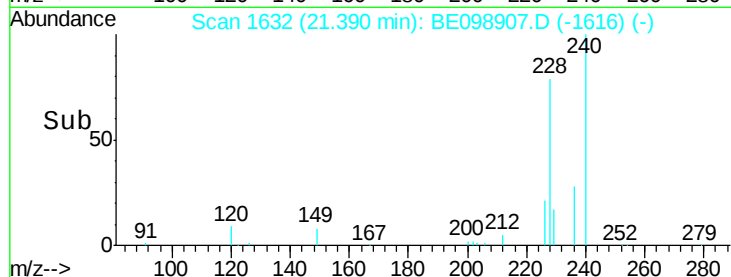
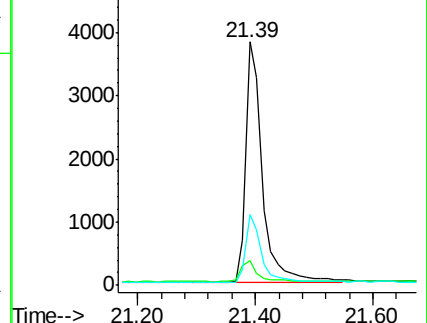
236 28.9 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.404 ng

RT: 19.64 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

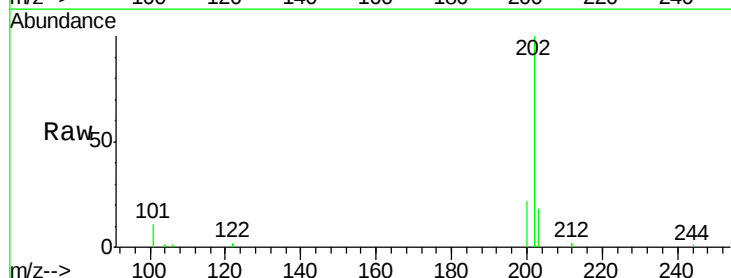
Tgt Ion:202 Resp: 9343

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

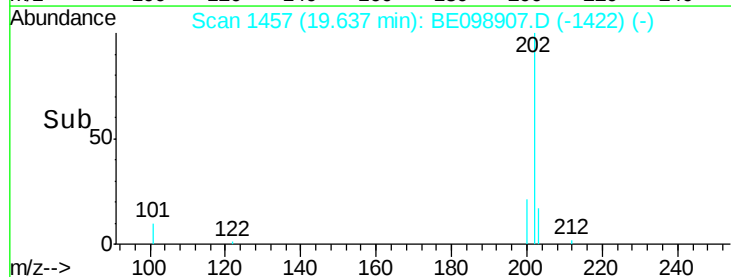
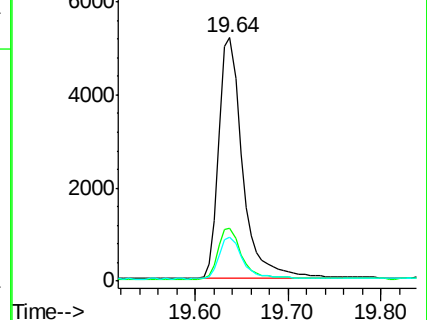
203 17.7 14.2 21.2

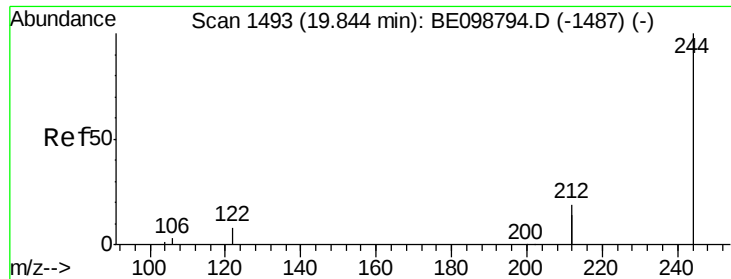


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

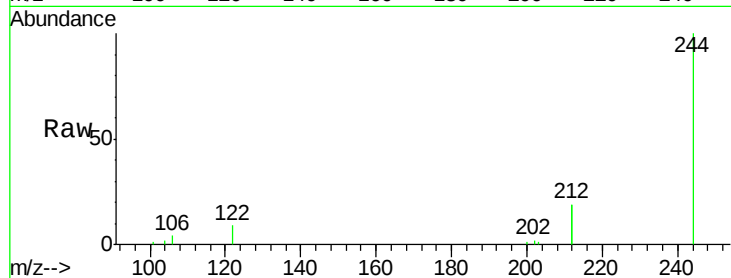
Tgt Ion:244 Resp: 7184

Ion Ratio Lower Upper

244 100

212 38.7 29.4 44.2

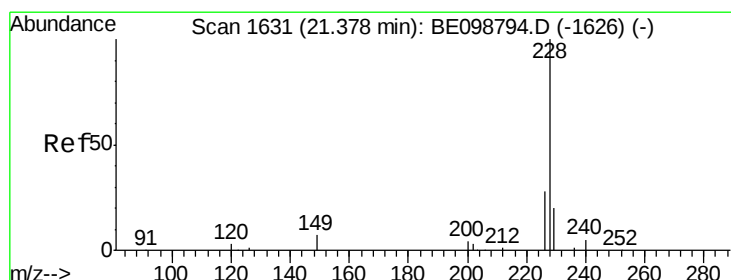
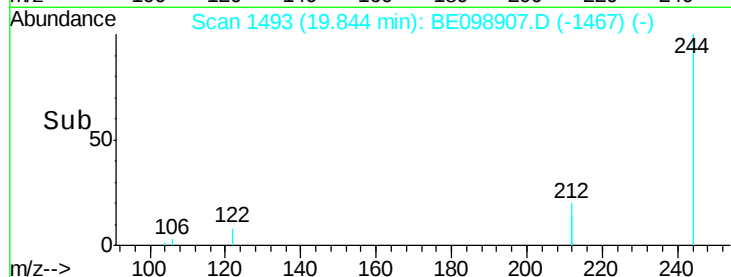
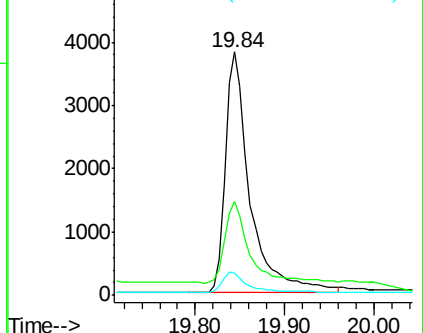
122 9.2 7.1 10.7



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: 0.335 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

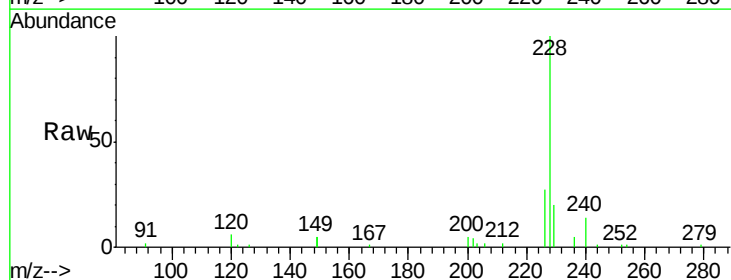
Tgt Ion:228 Resp: 7917

Ion Ratio Lower Upper

228 100

226 27.3 23.0 34.4

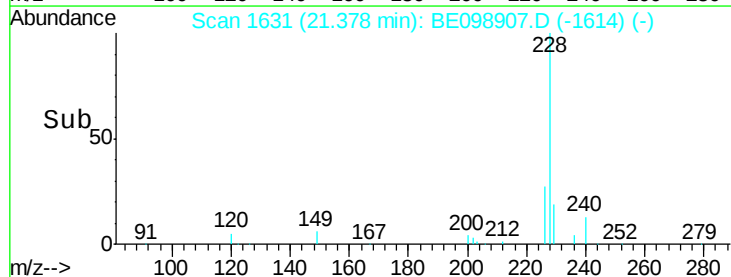
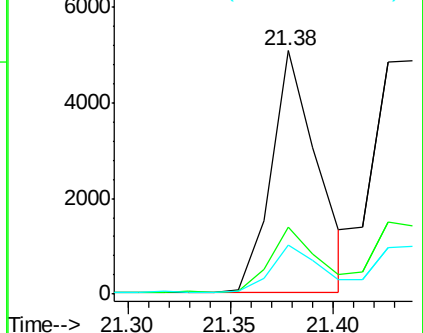
229 20.2 16.5 24.7



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: 0.411 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

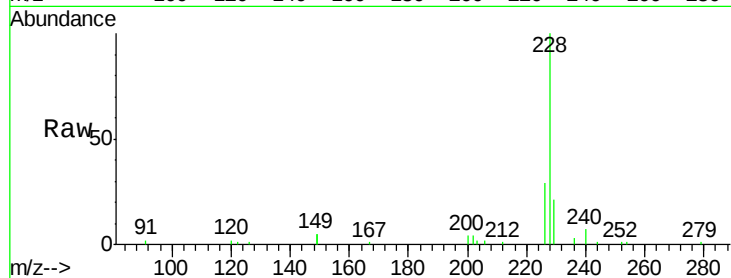
Tgt Ion:228 Resp: 10384

Ion Ratio Lower Upper

228 100

226 29.1 23.7 35.5

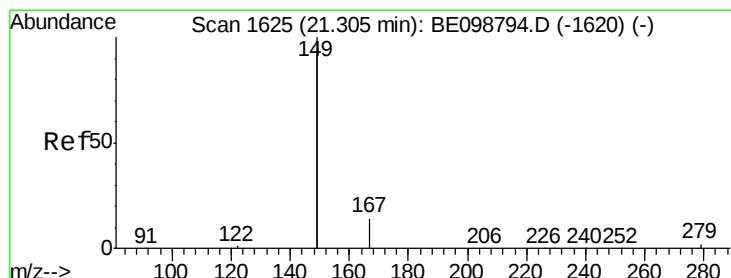
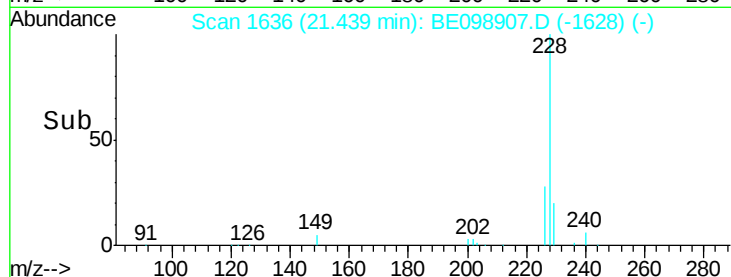
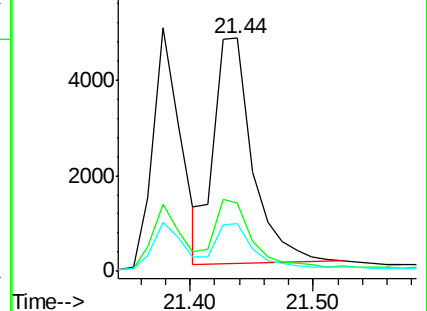
229 20.5 16.1 24.1



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: 0.281 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

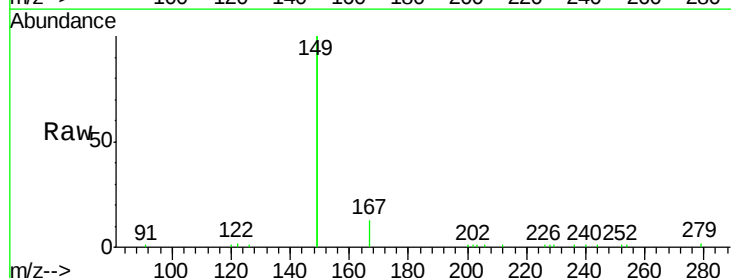
Tgt Ion:149 Resp: 14092

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

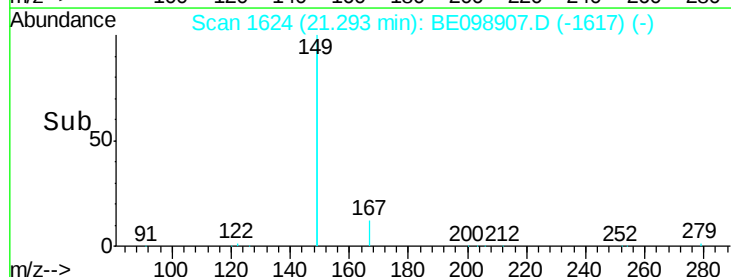
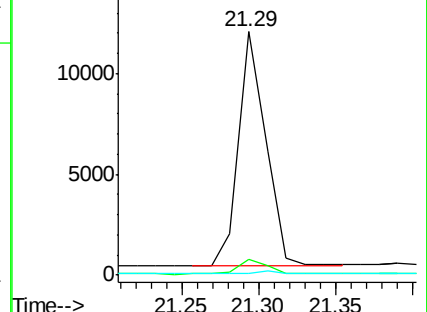
279 1.1 1.0 1.4



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: 0.406 ng

RT: 26.53 min Scan# 2941

Delta R.T. -0.01 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

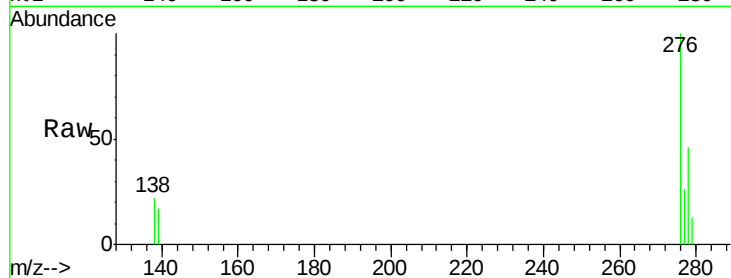
Tgt Ion:276 Resp: 10813

Ion Ratio Lower Upper

276 100

138 19.0 13.8 20.8

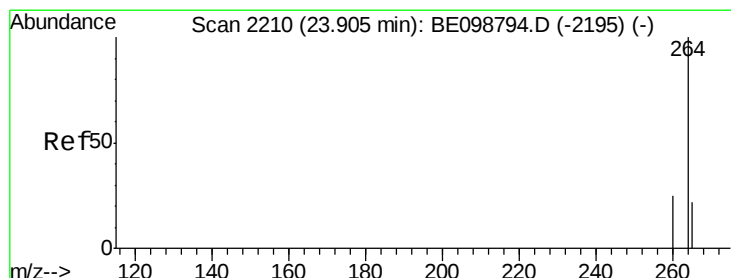
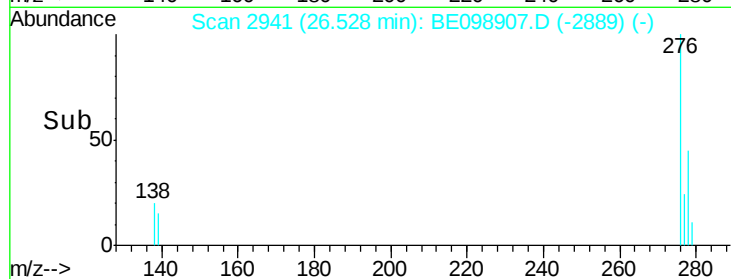
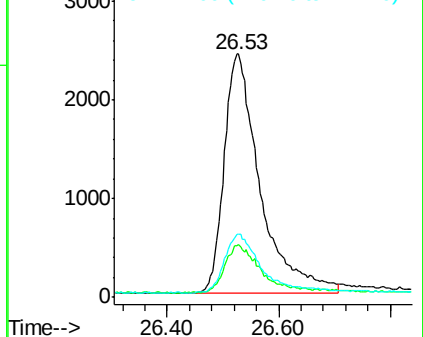
277 23.6 19.5 29.3



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# 2207

Delta R.T. -0.01 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

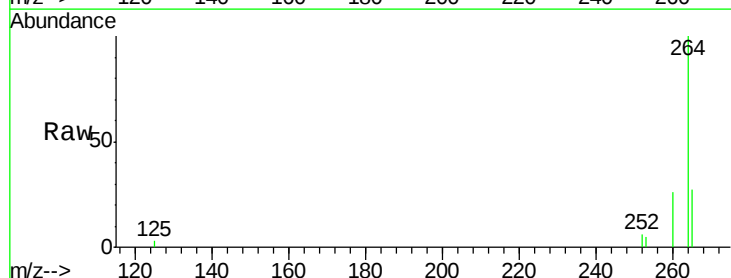
Tgt Ion:264 Resp: 7469

Ion Ratio Lower Upper

264 100

260 25.7 21.2 31.8

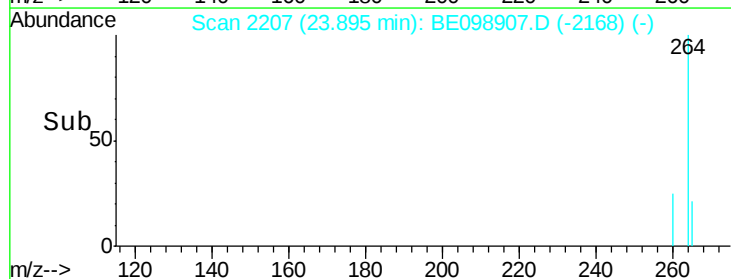
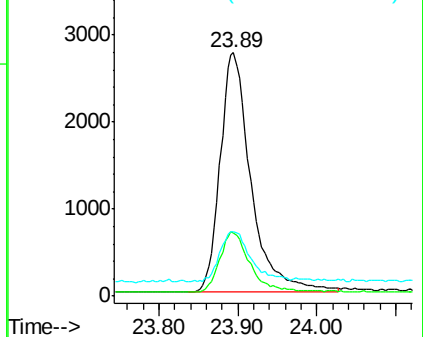
265 26.7 24.6 36.8



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: 0.422 ng

RT: 23.18 min Scan# 2007

Delta R.T. 0.05 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

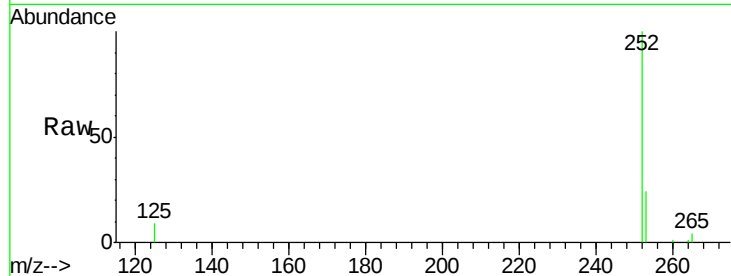
Tgt Ion:252 Resp: 10372

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

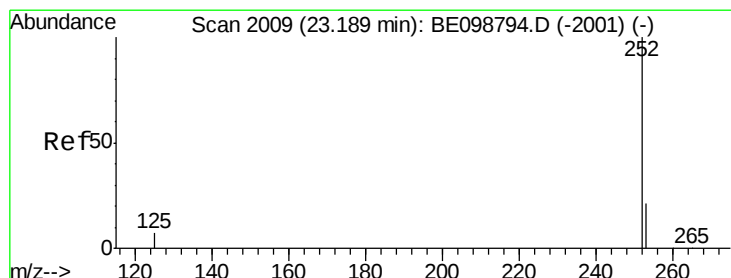
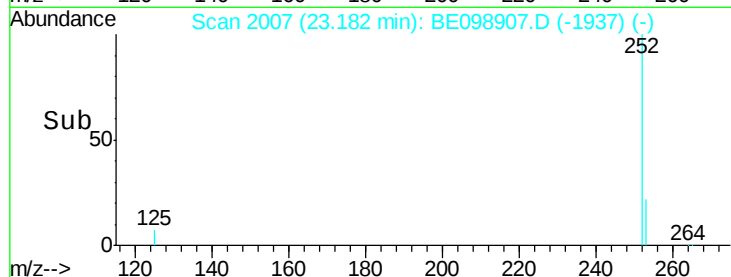
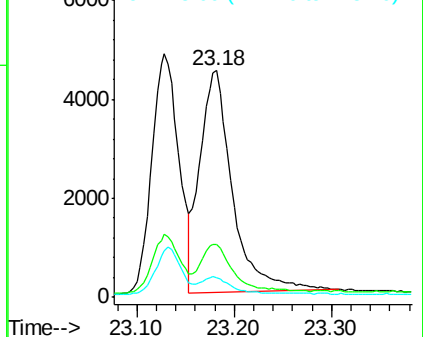
125 8.6 7.3 10.9



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: 0.408 ng

RT: 23.18 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

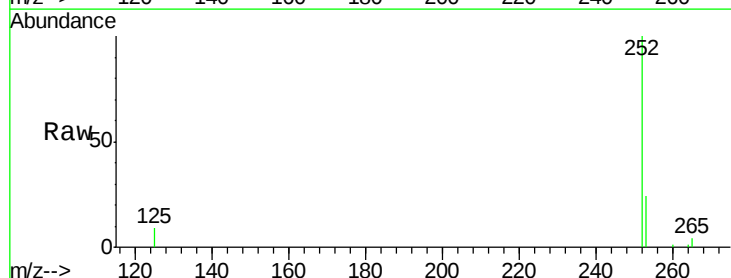
Tgt Ion:252 Resp: 10484

Ion Ratio Lower Upper

252 100

253 23.6 19.3 28.9

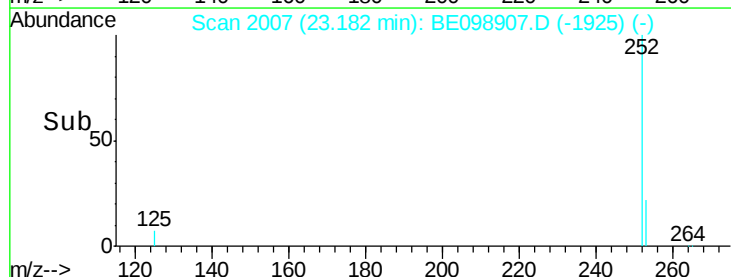
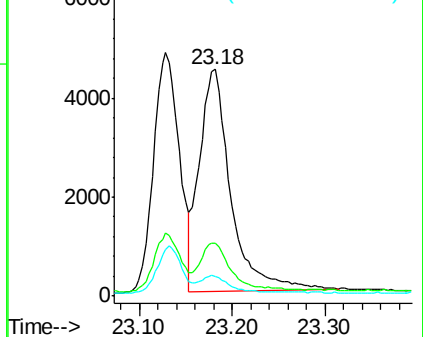
125 8.6 7.5 11.3



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: 0.389 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

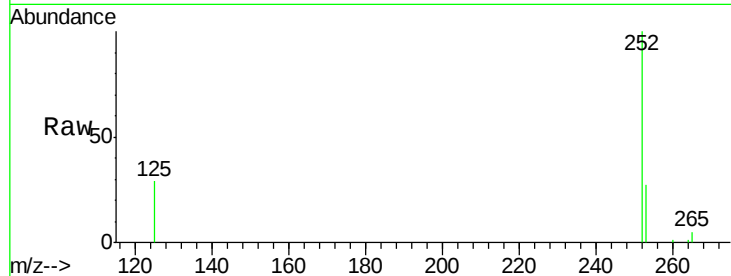
Tgt Ion:252 Resp: 9169

Ion Ratio Lower Upper

252 100

253 27.1 19.9 29.9

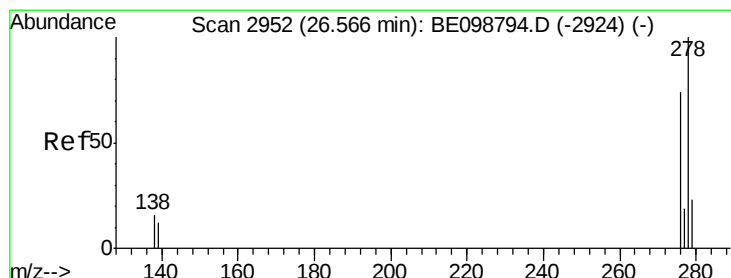
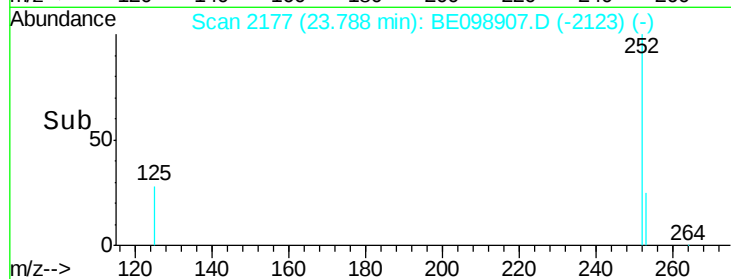
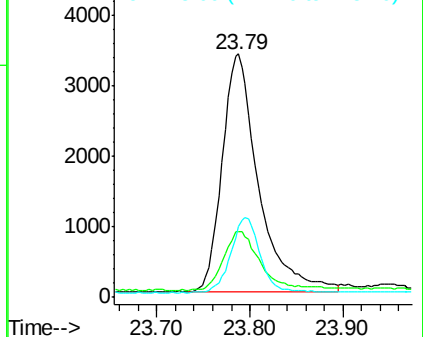
125 29.0 9.0 13.4#



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: 0.375 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BE098907.D

Acq: 12 Mar 2019 20:45

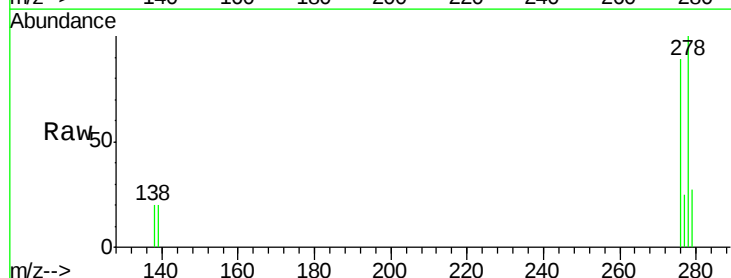
Tgt Ion:278 Resp: 8353

Ion Ratio Lower Upper

278 100

139 19.9 11.8 17.6#

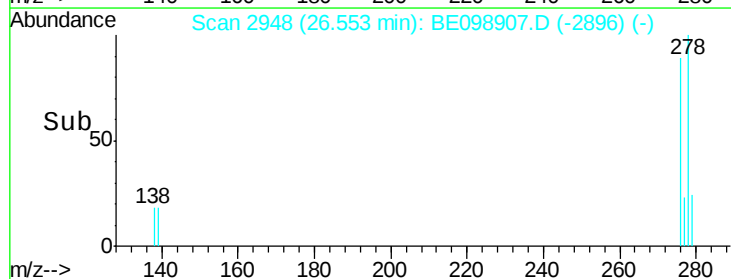
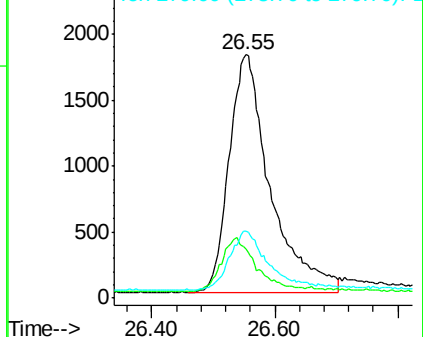
279 27.4 21.1 31.7

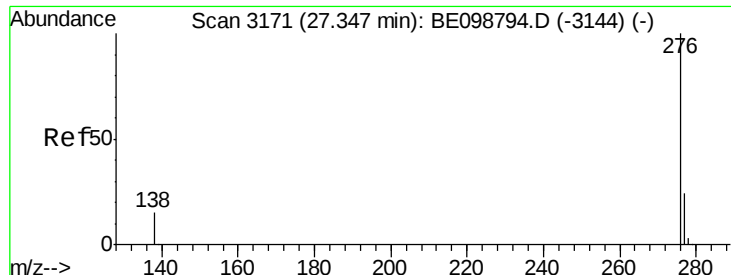


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.390 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BE098907.D

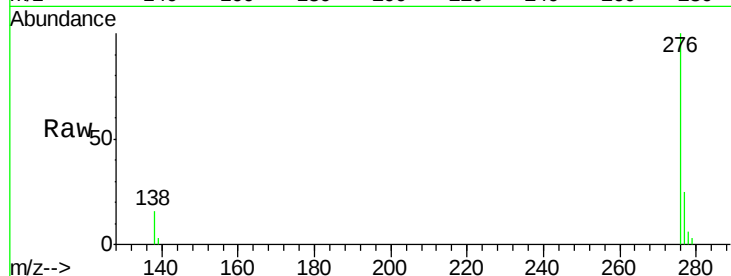
Acq: 12 Mar 2019 20:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



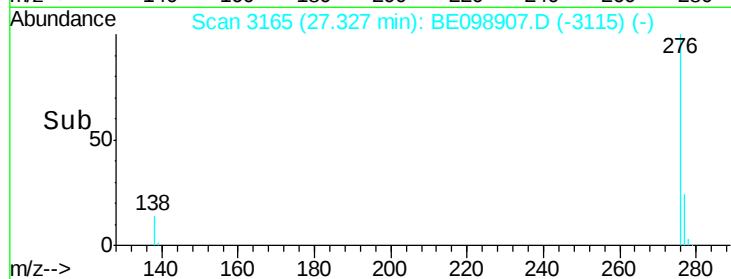
Tgt Ion: 276 Resp: 9084

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 16.4 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

