

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031419\
 Data File : BE098965.D
 Acq On : 15 Mar 2019 4:31
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 23 04:18:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	918	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4174	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2744	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6669	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7424	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7312	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1005	0.37	ng	0.01
5) Phenol-d6	6.99	99	1499	0.39	ng	0.00
8) Nitrobenzene-d5	8.97	82	1398	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2977	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	433	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	4301	0.38	ng	-0.01
25) Fluoranthene-d10	19.24	212	35908	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	6874	0.38	ng	0.00

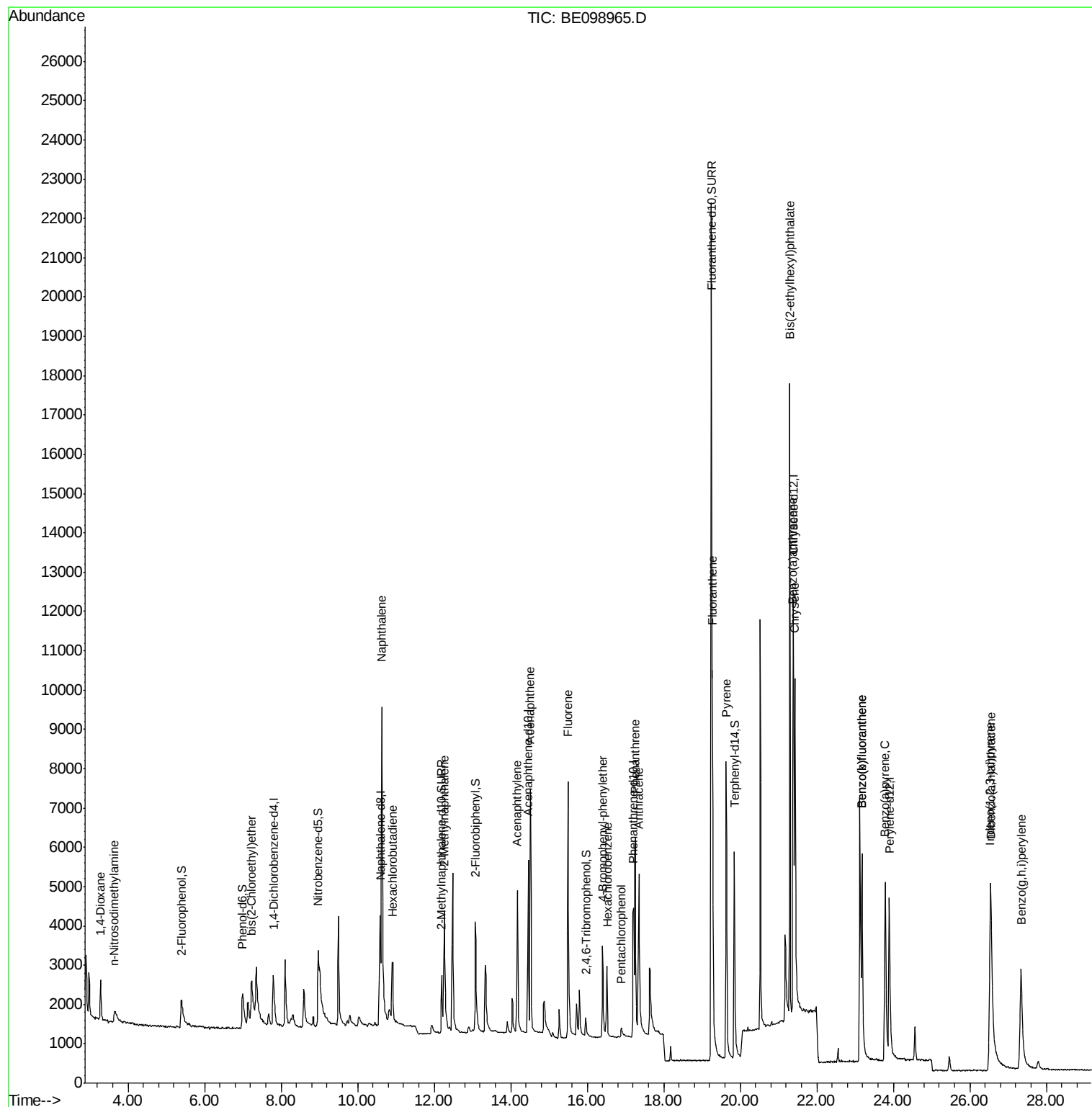
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	647	0.353	ng	96
3) n-Nitrosodimethylamine	3.64	42	480	0.208	ng	# 14
6) bis(2-Chloroethyl)ether	7.23	93	1063	0.355	ng	83
9) Naphthalene	10.63	128	18718	0.392	ng	100
10) Hexachlorobutadiene	10.91	225	1196	0.378	ng	99
12) 2-Methylnaphthalene	12.27	142	3016	0.389	ng	97
16) Acenaphthylene	14.17	152	5409	0.383	ng	97
17) Acenaphthene	14.51	154	3275	0.391	ng	99
18) Fluorene	15.50	166	4460	0.369	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1384	0.383	ng	95
21) Hexachlorobenzene	16.52	284	1644	0.383	ng	98
22) Pentachlorophenol	16.89	266	272	0.450	ng	88
23) Phenanthrene	17.25	178	7061	0.372	ng	99
24) Anthracene	17.35	178	5552	0.343	ng	99
26) Fluoranthene	19.27	202	9045	0.338	ng	99
28) Pyrene	19.63	202	9249	0.407	ng	99
30) Benzo(a)anthracene	21.38	228	8094	0.349	ng	99
31) Chrysene	21.43	228	9916	0.400	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	17120	0.347	ng	99
33) Indeno(1,2,3-cd)pyrene	26.53	276	9808	0.375	ng	99
35) Benzo(b)fluoranthene	23.18	252	9585	0.399	ng	97
36) Benzo(k)fluoranthene	23.18	252	9585	0.381	ng	100
37) Benzo(a)pyrene	23.78	252	9032	0.392	ng	# 90
38) Dibenzo(a,h)anthracene	26.55	278	6802	0.312	ng	# 93
39) Benzo(g,h,i)perylene	27.34	276	8370	0.367	ng	98

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

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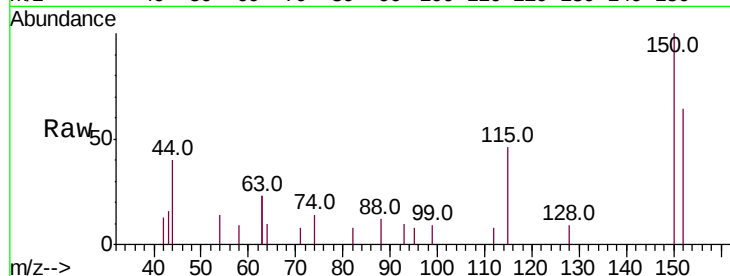


#1

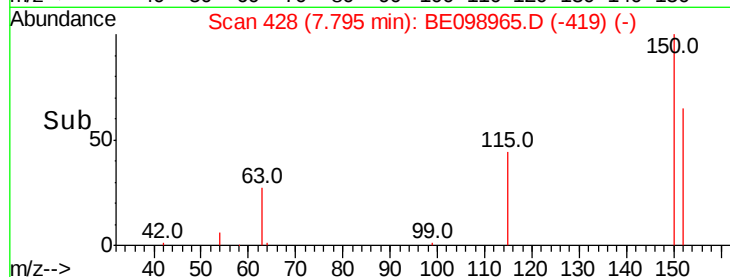
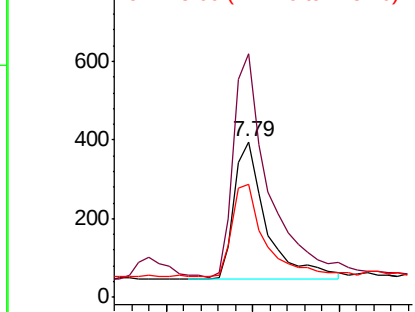
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BE098965.D
 Acq: 15 Mar 2019 4:31

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:152 Resp: 918
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.5 183.7
 115 72.7 57.4 86.2



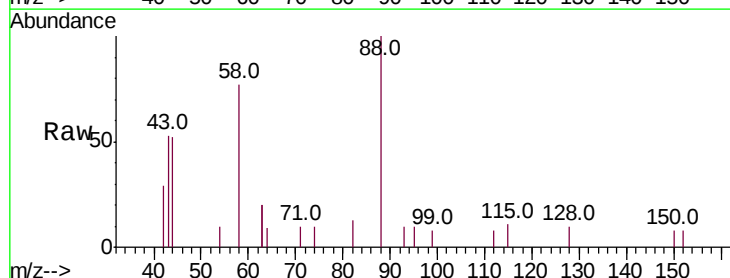
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



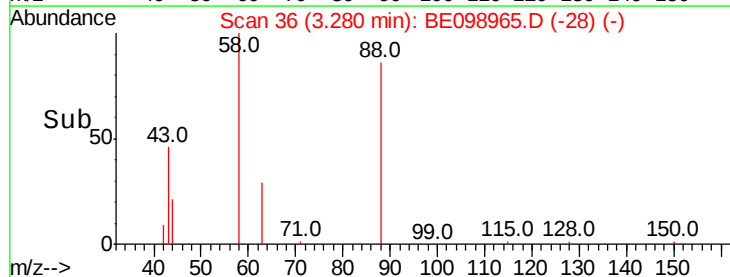
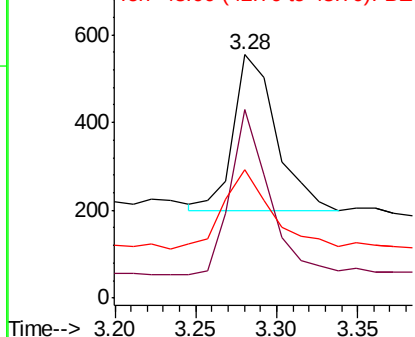
#2

1,4-Dioxane
 Concen: 0.353 ng
 RT: 3.28 min Scan# 36
 Delta R.T. -0.01 min
 Lab File: BE098965.D
 Acq: 15 Mar 2019 4:31

Tgt Ion: 88 Resp: 647
 Ion Ratio Lower Upper
 88 100
 58 96.1 75.8 113.6
 43 58.3 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: 0.208 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

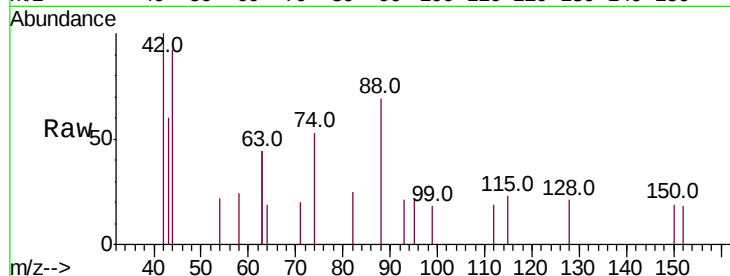
Tot Ion: 42 Resp: 480

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

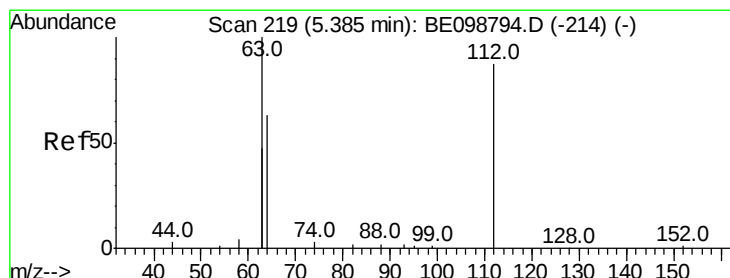
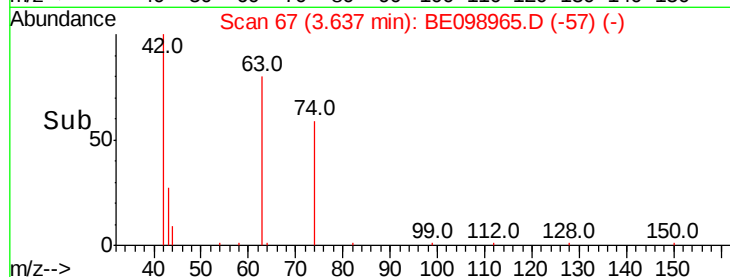
3.64

200

100

0

Time--> 3.55 3.60 3.65 3.70



#4

2-Fluorophenol

Concen: 0.366 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

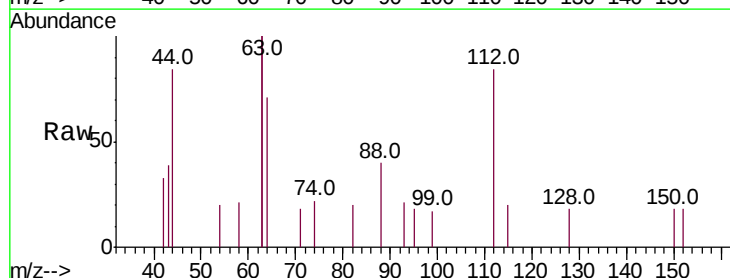
Tgt Ion: 112 Resp: 1005

Ion Ratio Lower Upper

112 100

64 76.6 57.9 86.9

63 175.4 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

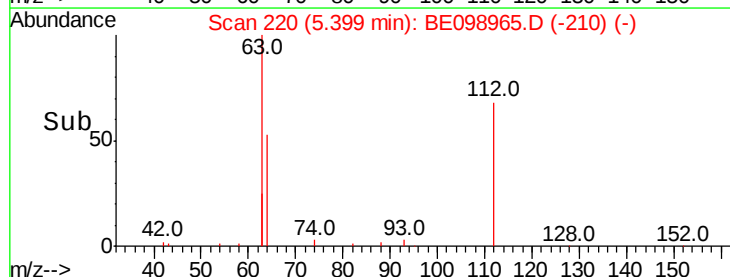
5.40

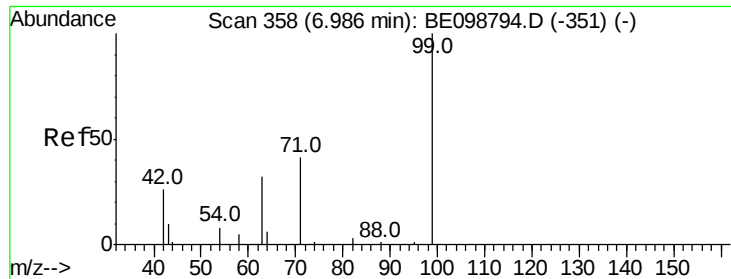
400

200

0

Time--> 5.20 5.40 5.60





#5

Phenol-d6

Concen: 0.387 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

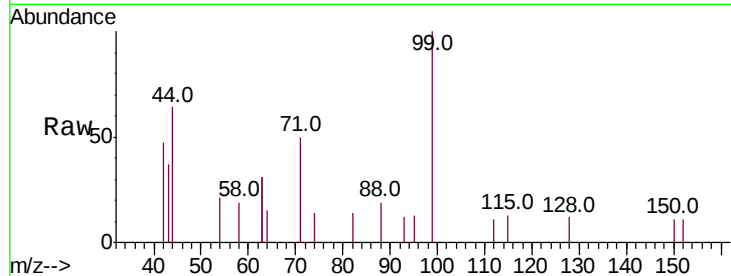
Tot Ion: 99 Resp: 1499

Ion Ratio Lower Upper

99 100

42 34.1 24.2 36.2

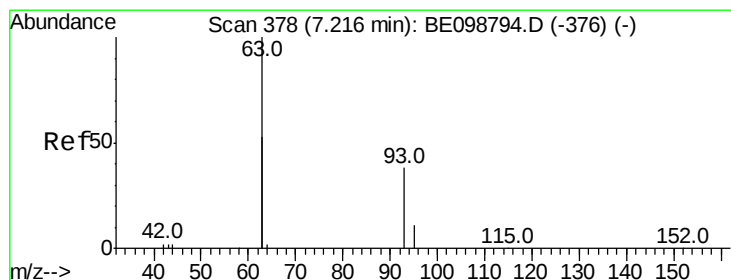
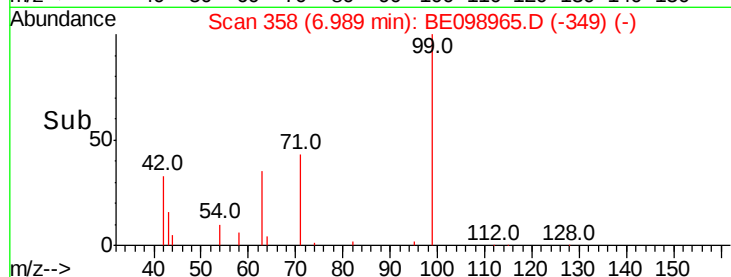
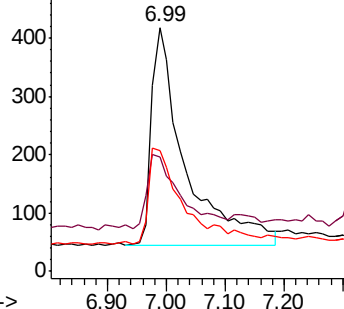
71 45.9 35.7 53.5



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: 0.355 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

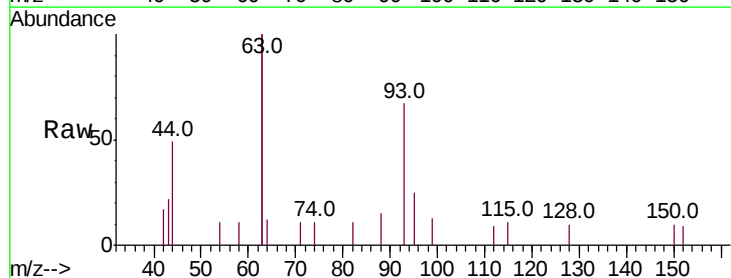
Tgt Ion: 93 Resp: 1063

Ion Ratio Lower Upper

93 100

63 274.7 247.5 371.3

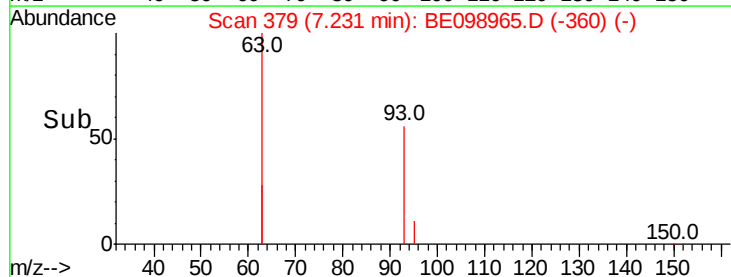
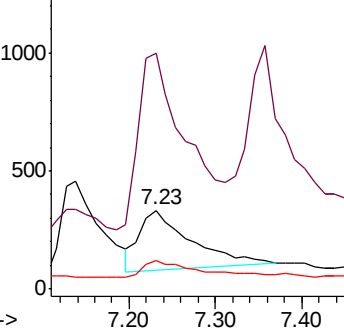
95 31.4 21.8 32.8

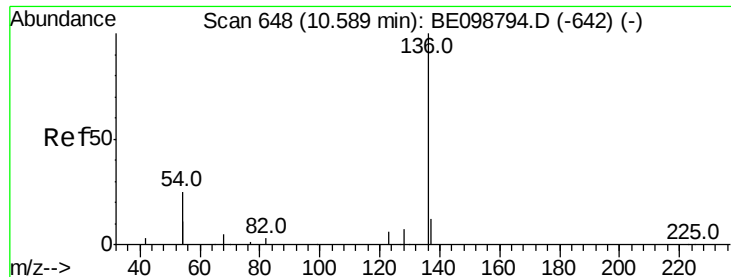


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4174

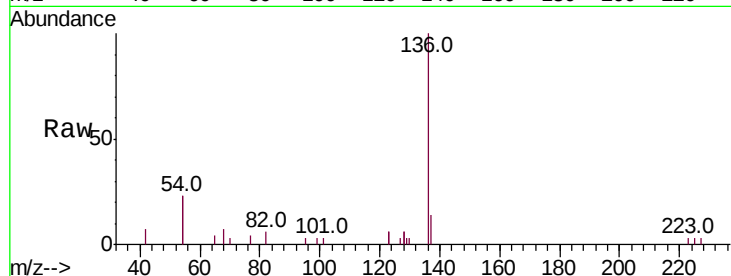
Ion Ratio Lower Upper

136 100

137 14.2 11.4 17.0

54 45.6 39.3 58.9

68 7.5 6.7 10.1

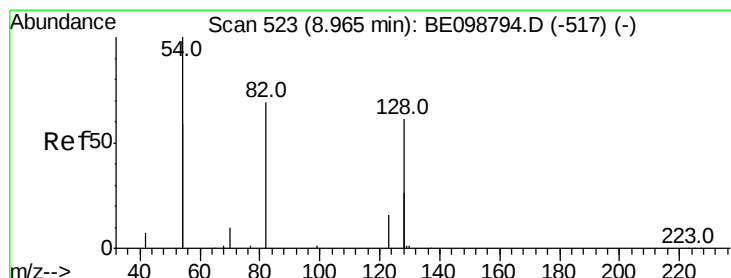
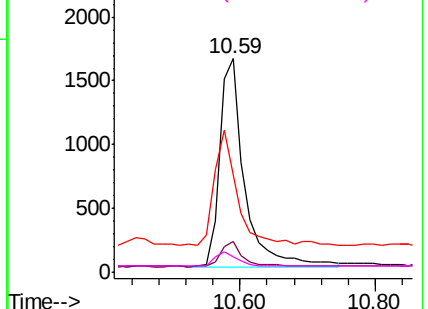
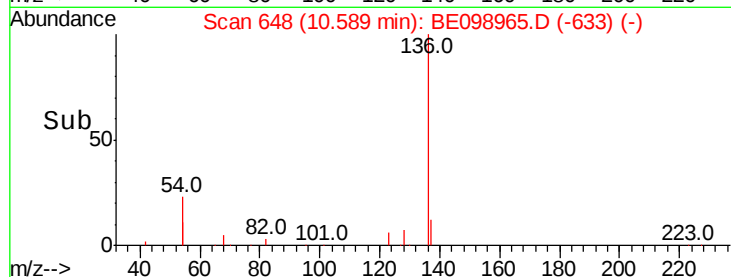


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.319 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

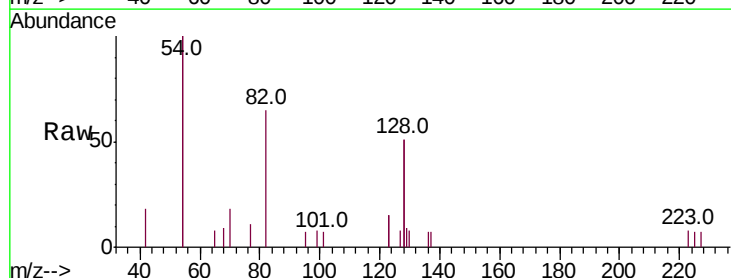
Tgt Ion: 82 Resp: 1398

Ion Ratio Lower Upper

82 100

128 156.8 123.8 185.8

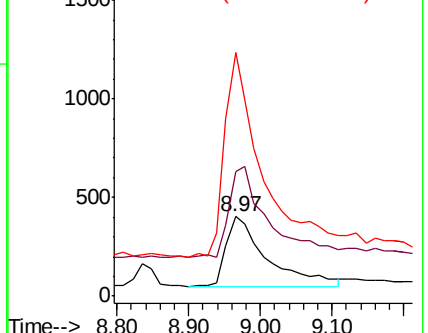
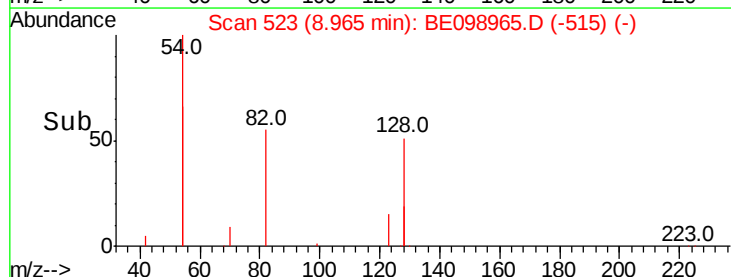
54 306.2 203.4 305.2#

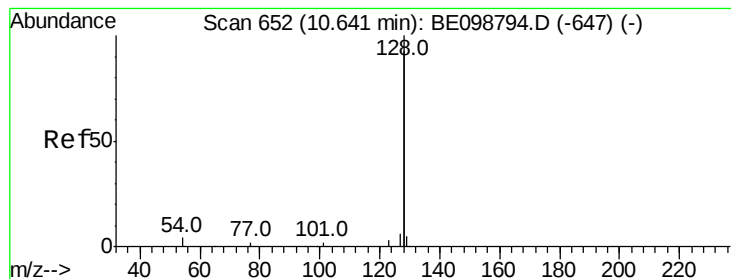


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.392 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

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ClientSampleId :

SSTDCCC0.4EC

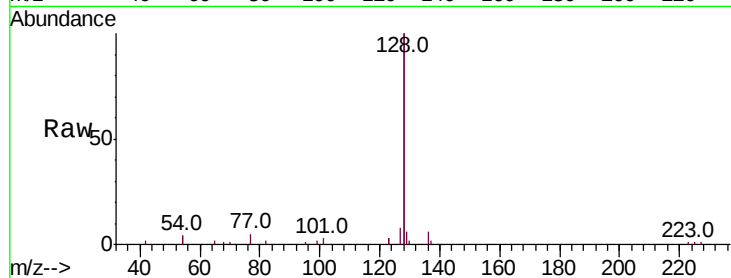
Tot Ion:128 Resp: 18718

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

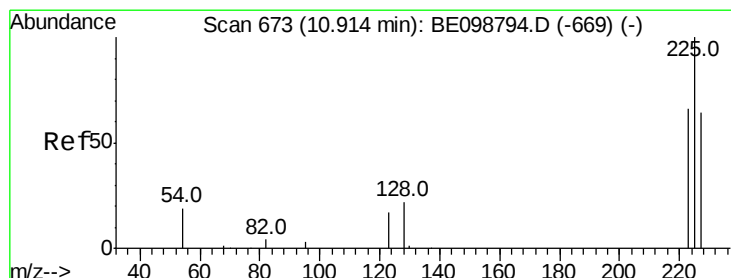
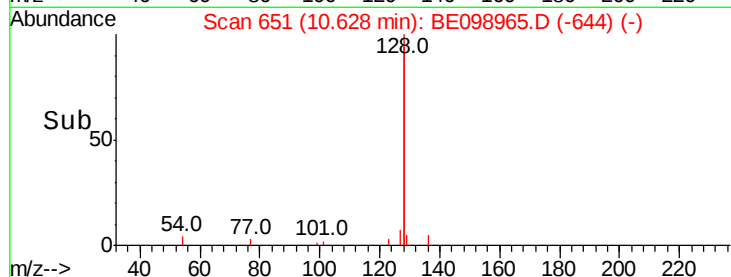
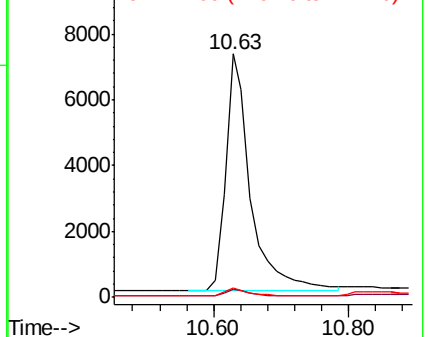
127 3.9 3.1 4.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.378 ng

RT: 10.91 min Scan# 673

Delta R.T. 0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

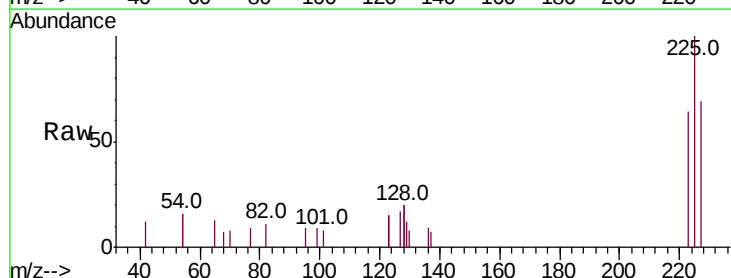
Tgt Ion:225 Resp: 1196

Ion Ratio Lower Upper

225 100

223 64.9 51.1 76.7

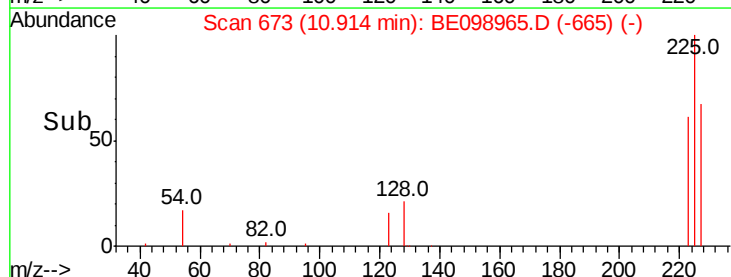
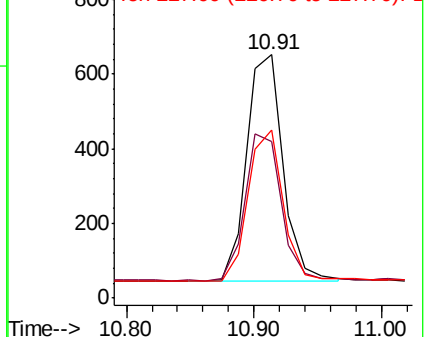
227 65.1 51.6 77.4

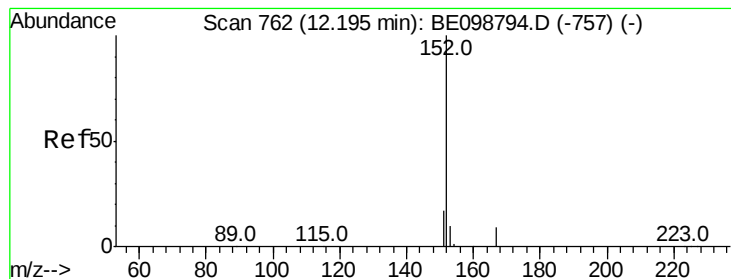


Abundance Ion 225.00 (224.70 to 225.70): E

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: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

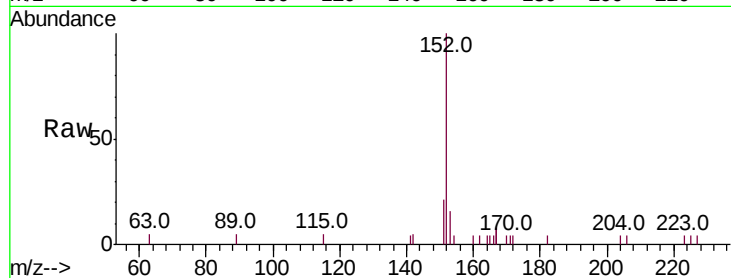
SSTDCCC0.4EC

Tot Ion:152 Resp: 2977

Ion Ratio Lower Upper

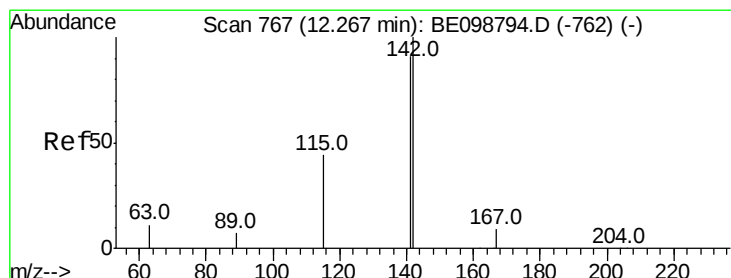
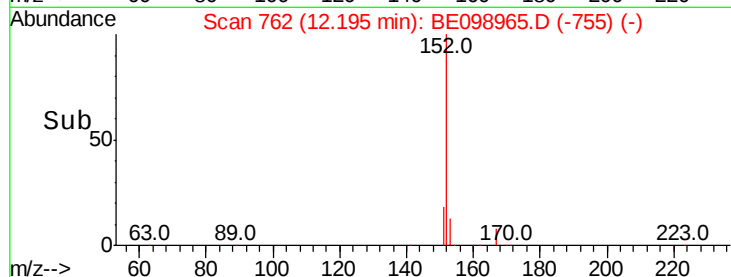
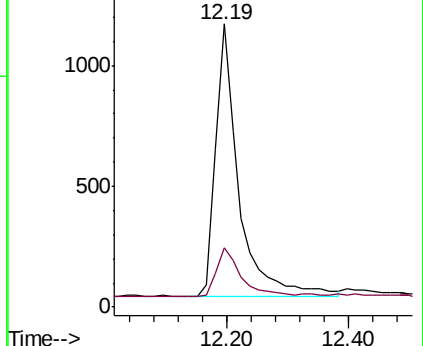
152 100

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: 0.389 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

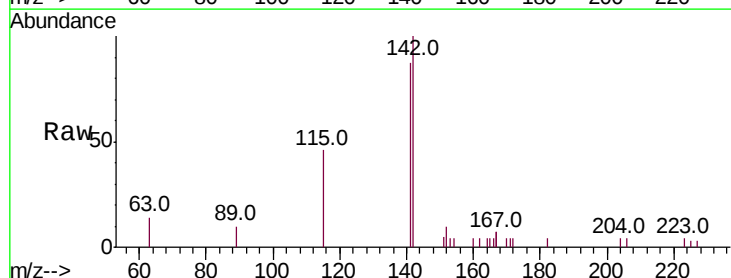
Tgt Ion:142 Resp: 3016

Ion Ratio Lower Upper

142 100

141 86.8 72.6 108.8

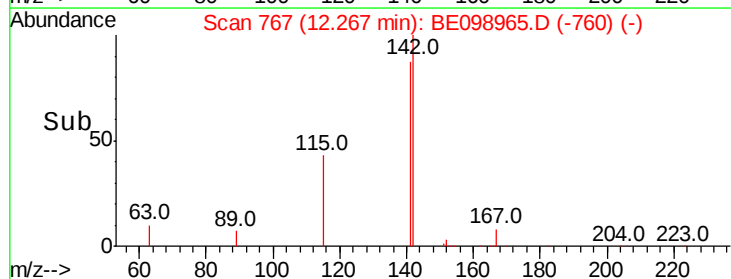
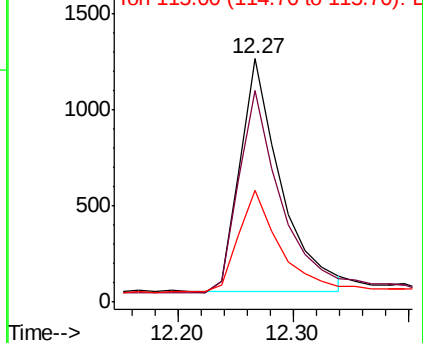
115 45.8 37.4 56.2

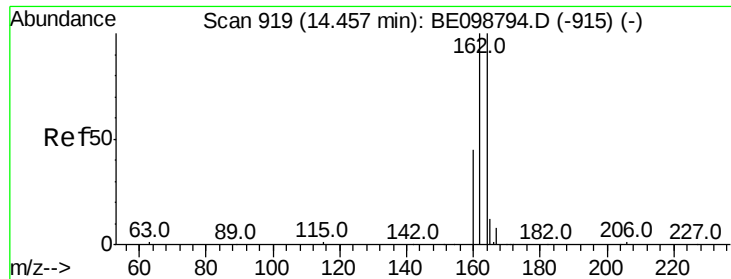


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

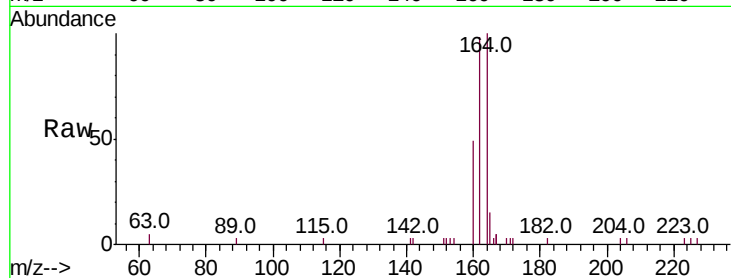




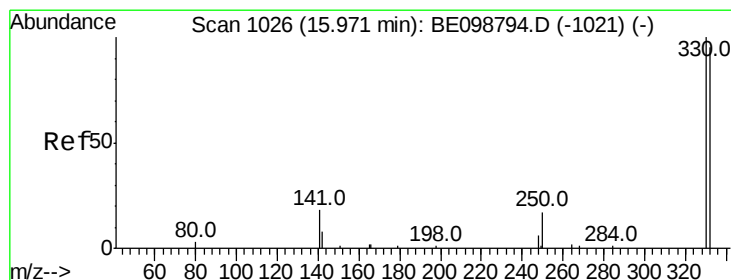
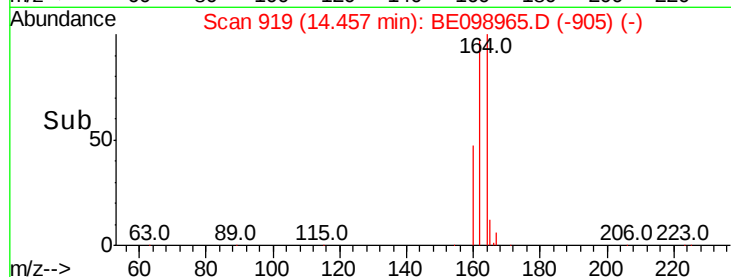
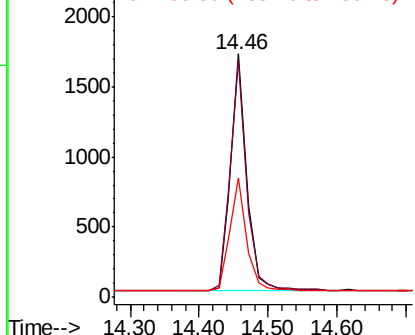
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098965.D
Acq: 15 Mar 2019 4:31

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 2744
Ion Ratio Lower Upper
164 100
162 97.6 80.2 120.2
160 48.9 37.8 56.8

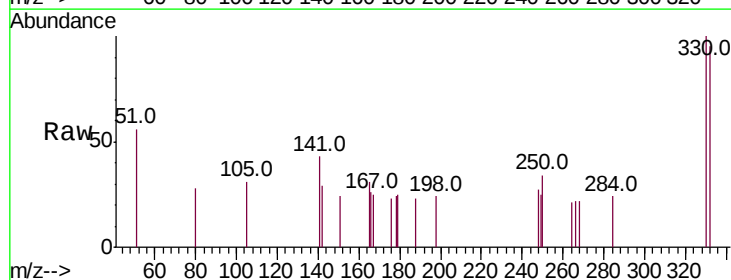


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

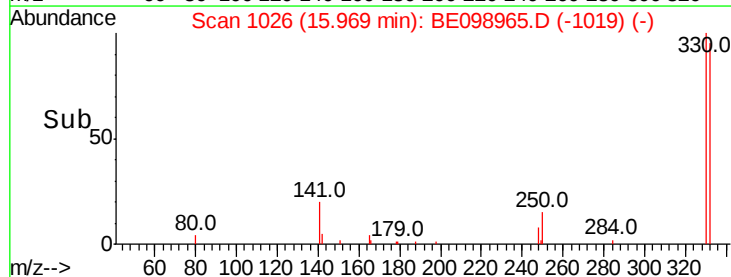
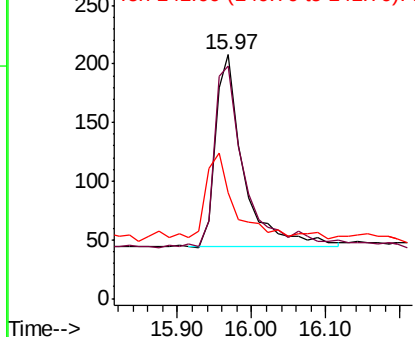


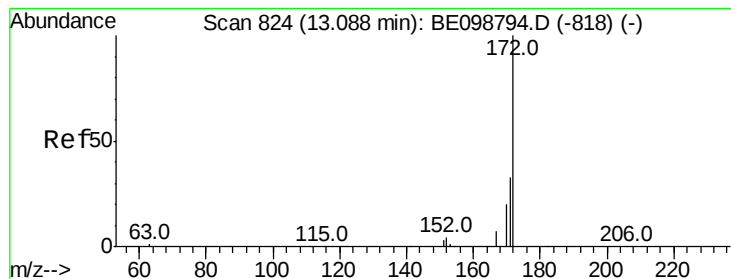
#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098965.D
Acq: 15 Mar 2019 4:31

Tgt Ion:330 Resp: 433
Ion Ratio Lower Upper
330 100
332 110.6 77.6 116.4
141 41.8 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: 0.379 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

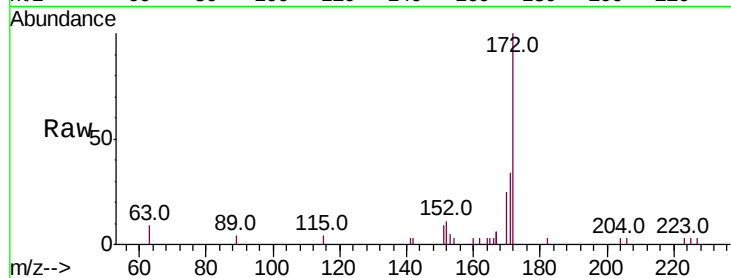
Tot Ion:172 Resp: 4301

Ion Ratio Lower Upper

172 100

171 33.9 28.0 42.0

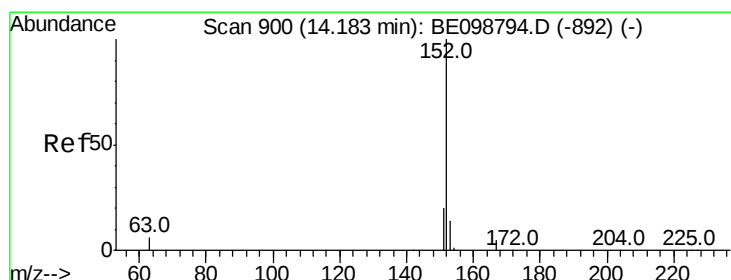
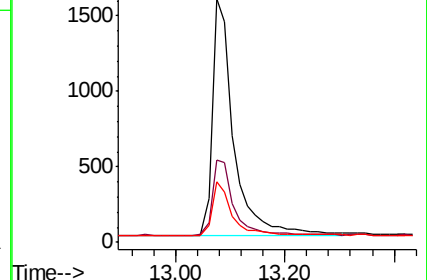
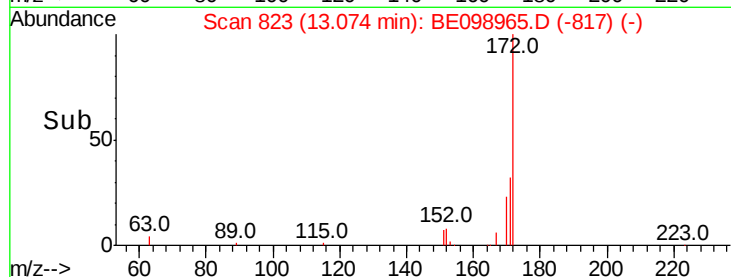
170 25.1 17.7 26.5



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: 0.383 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

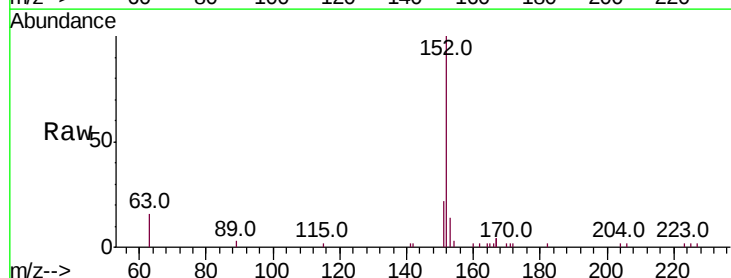
Tgt Ion:152 Resp: 5409

Ion Ratio Lower Upper

152 100

151 19.8 17.0 25.6

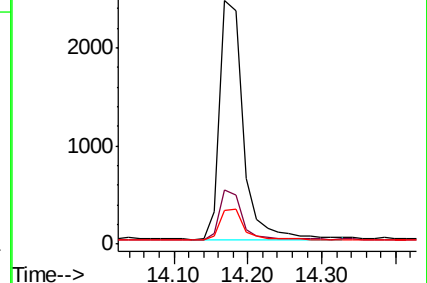
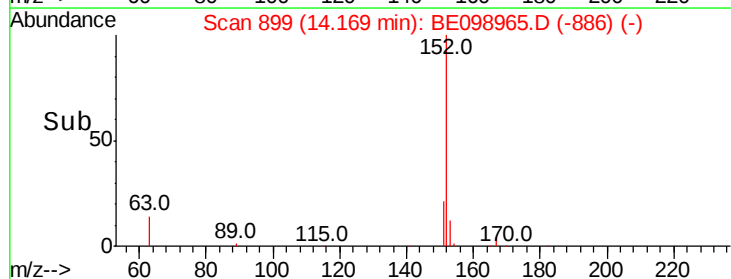
153 13.0 11.2 16.8

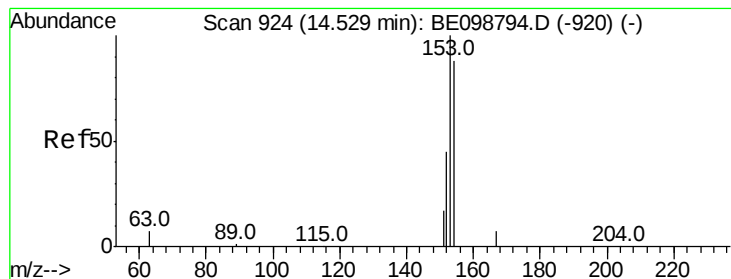


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

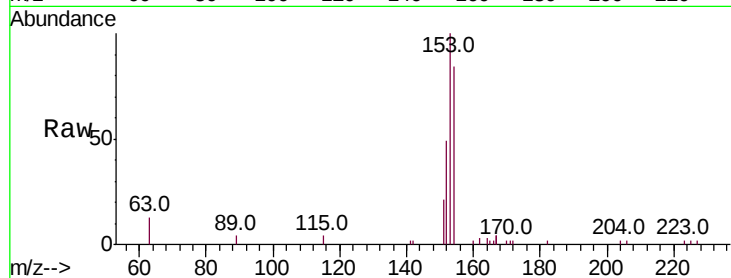
Tot Ion:154 Resp: 3275

Ion Ratio Lower Upper

154 100

153 117.6 94.2 141.4

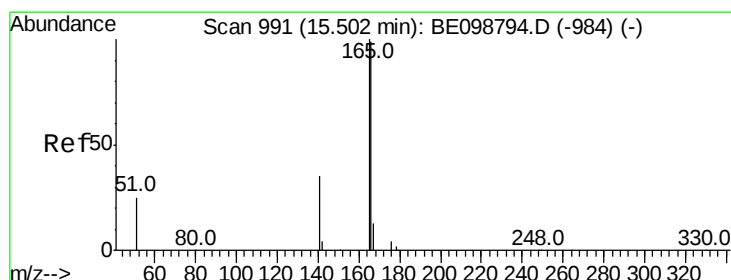
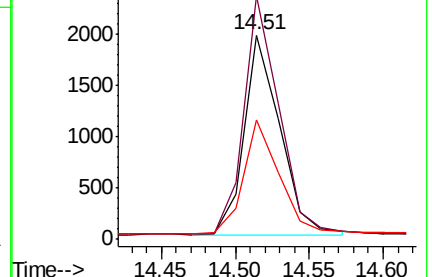
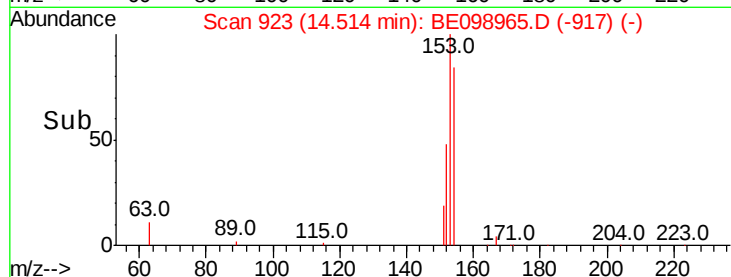
152 57.3 45.0 67.4



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: 0.369 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

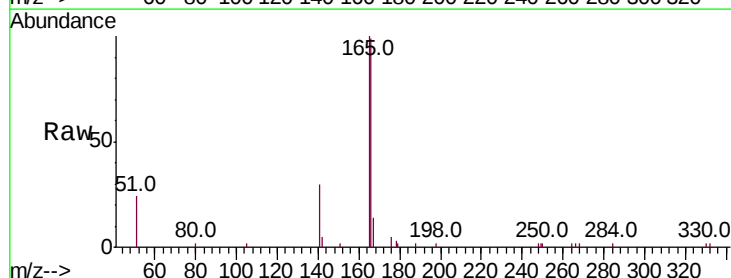
Tgt Ion:166 Resp: 4460

Ion Ratio Lower Upper

166 100

165 99.9 79.3 118.9

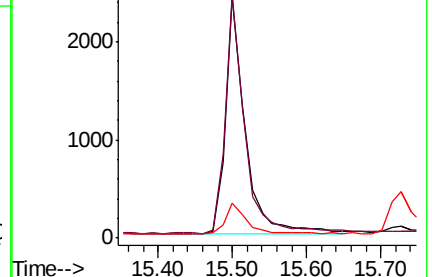
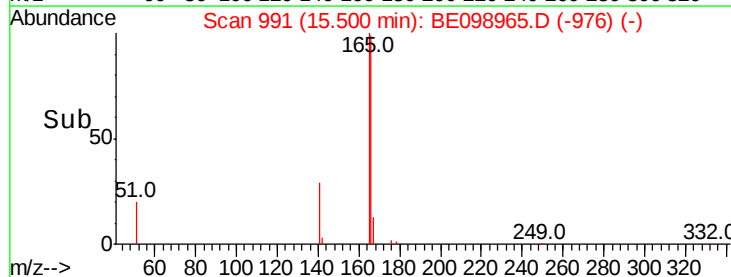
167 13.3 10.5 15.7

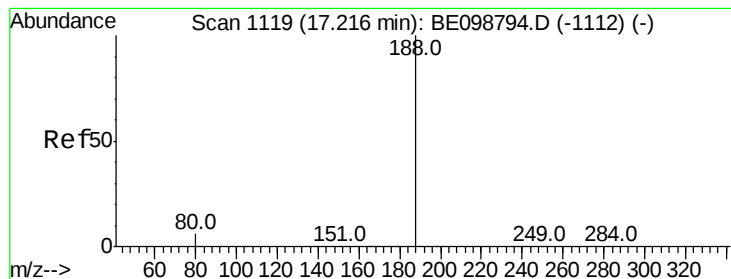


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

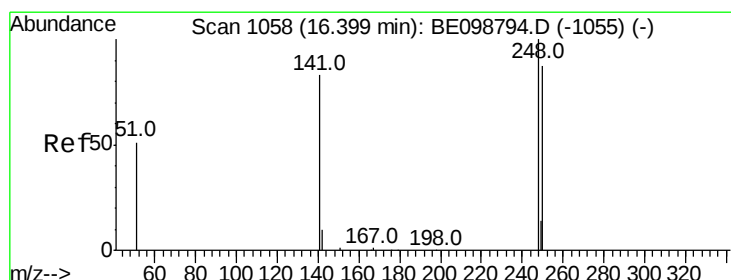
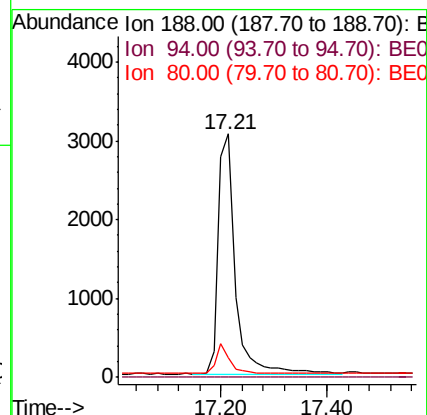
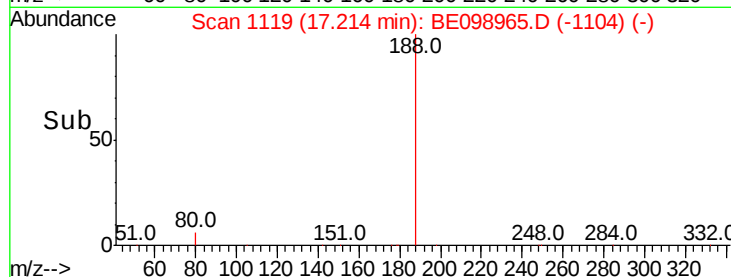
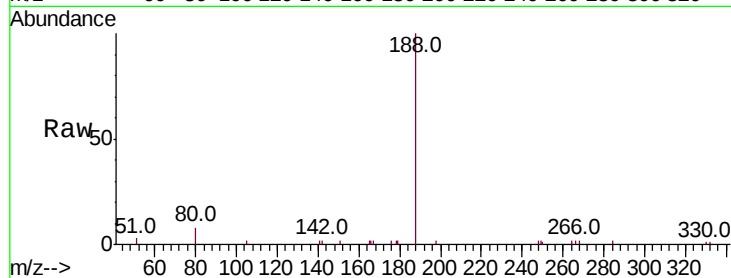
Tot Ion:188 Resp: 6669

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.383 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

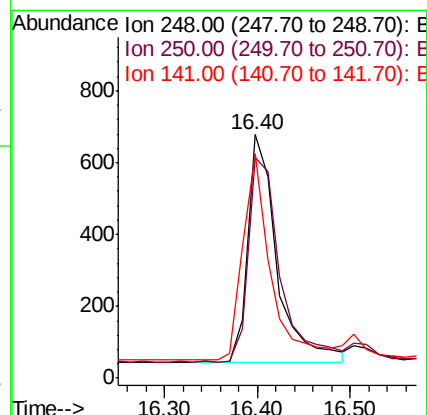
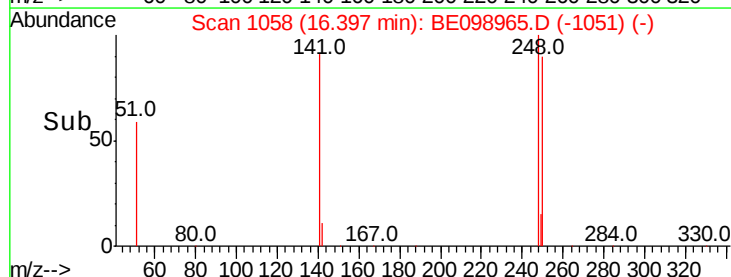
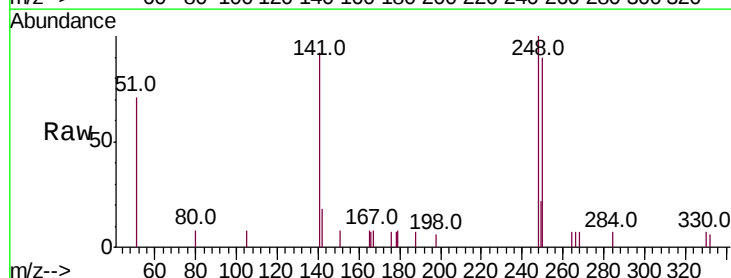
Tgt Ion:248 Resp: 1384

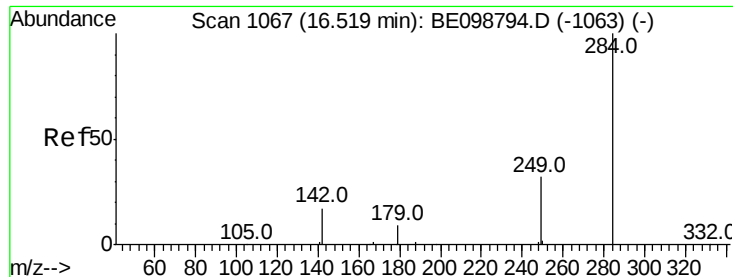
Ion Ratio Lower Upper

248 100

250 90.4 70.6 105.8

141 92.2 68.6 102.8





#21

Hexachlorobenzene

Concen: 0.383 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

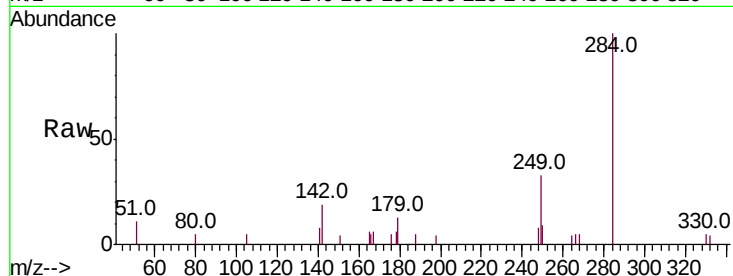
Tot Ion:284 Resp: 1644

Ion Ratio Lower Upper

284 100

142 36.4 28.7 43.1

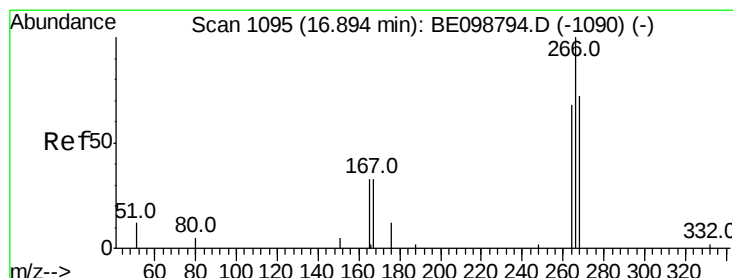
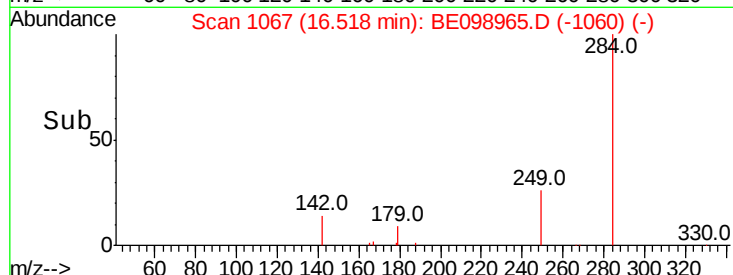
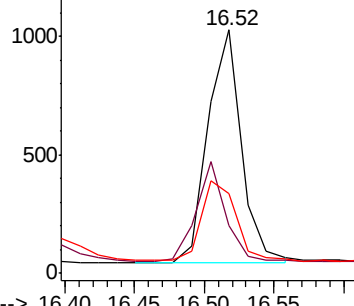
249 34.8 29.6 44.4



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: 0.450 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

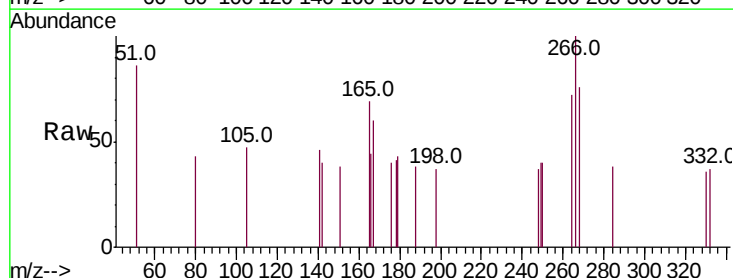
Tgt Ion:266 Resp: 272

Ion Ratio Lower Upper

266 100

264 72.4 66.6 100.0

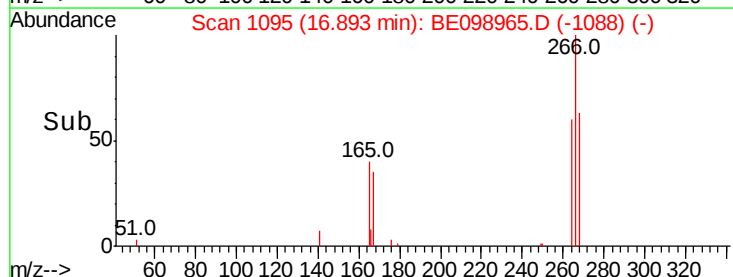
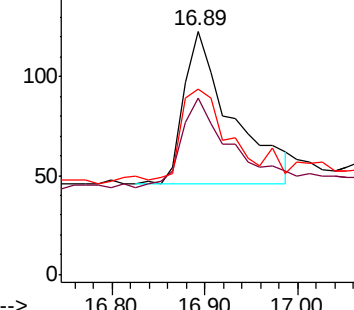
268 76.4 69.8 104.8

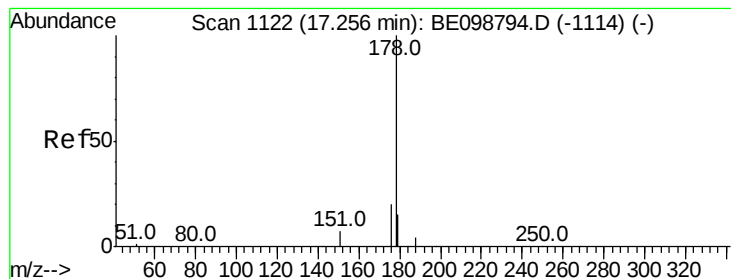


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.372 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

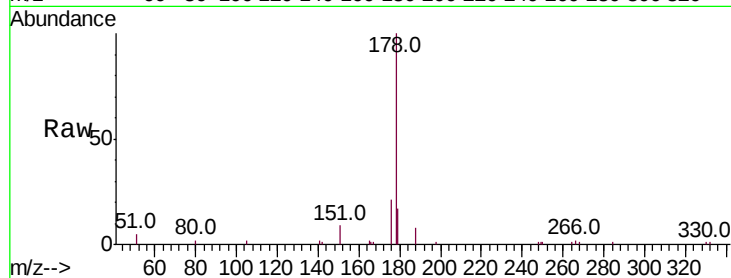
Tot Ion:178 Resp: 7061

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

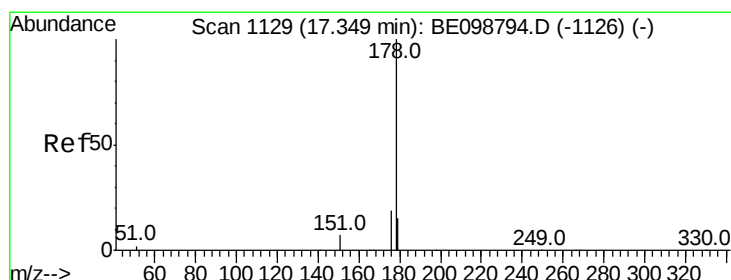
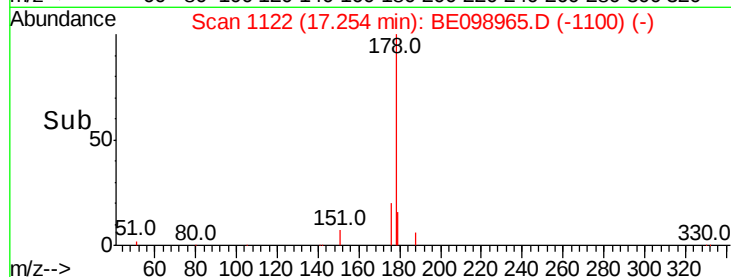
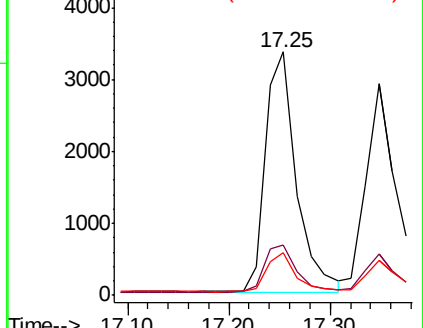
179 15.7 12.1 18.1



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: 0.343 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

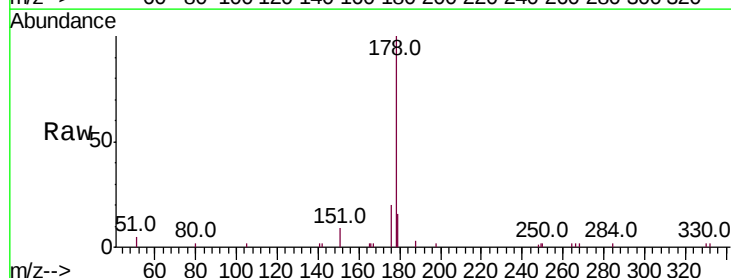
Tgt Ion:178 Resp: 5552

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

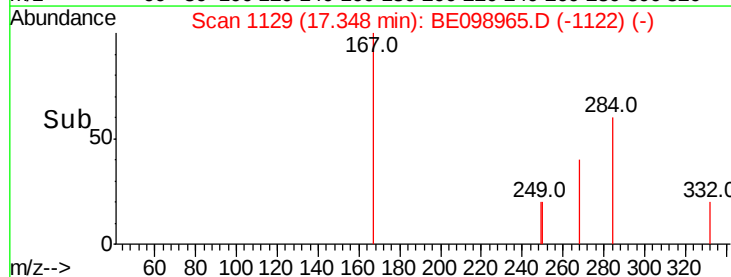
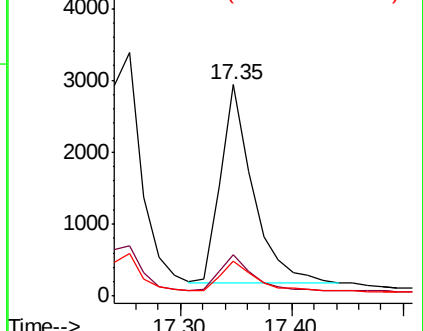
179 15.7 12.2 18.4

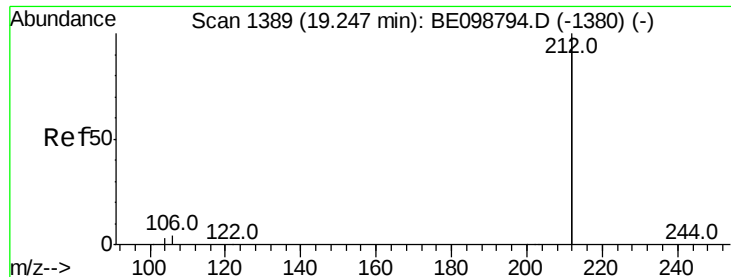


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

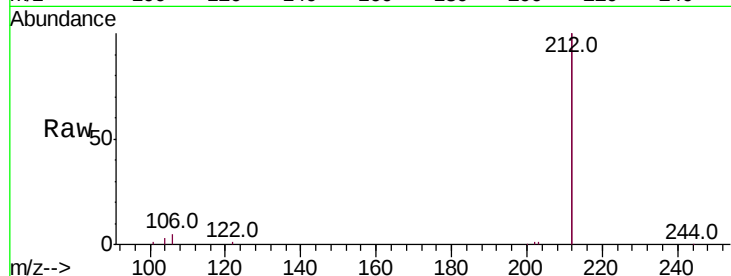
Tot Ion:212 Resp: 35908

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

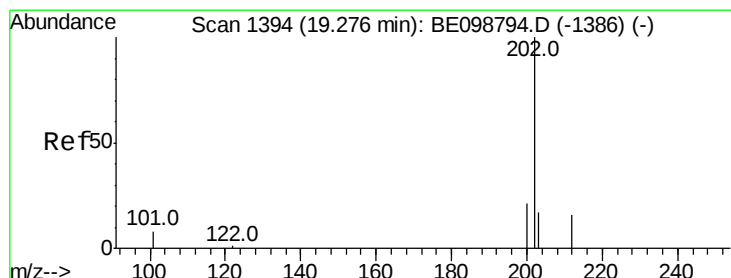
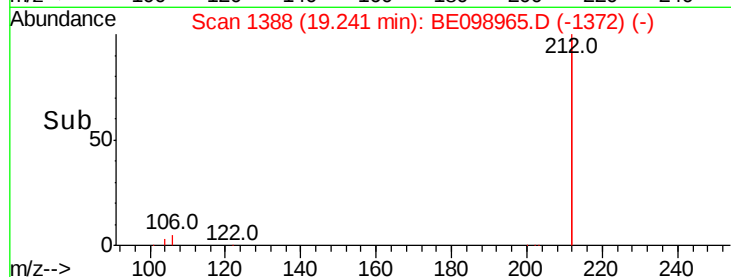
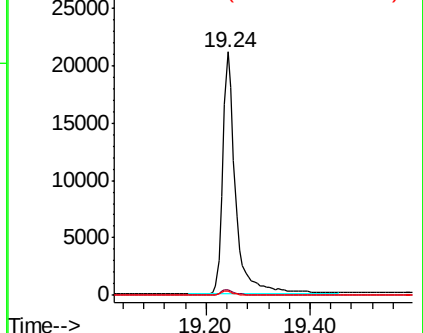
104 1.3 1.0 1.6



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.338 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

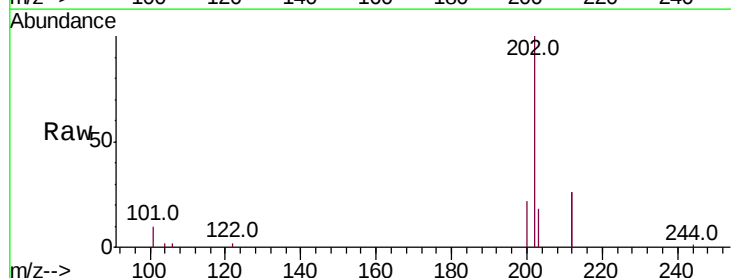
Tgt Ion:202 Resp: 9045

Ion Ratio Lower Upper

202 100

101 8.8 7.3 10.9

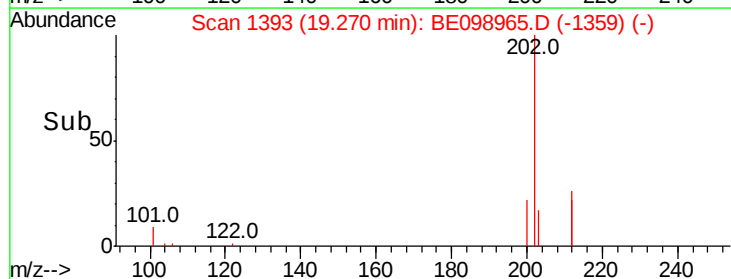
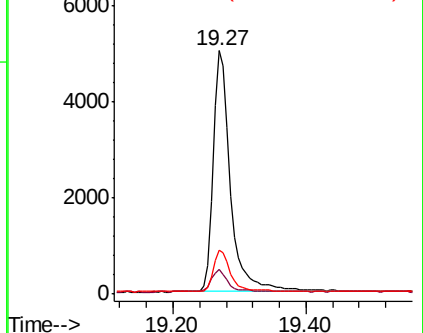
203 17.4 13.4 20.2

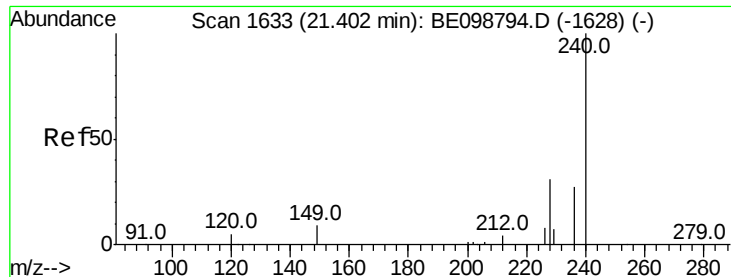


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

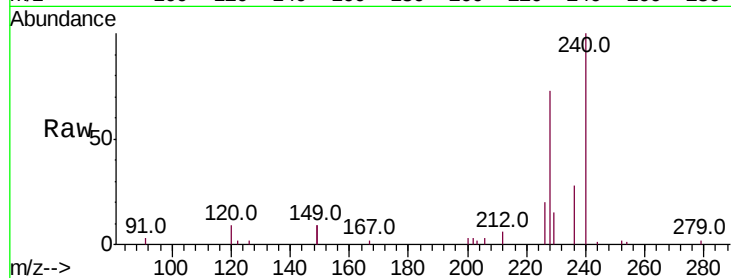
Tot Ion:240 Resp: 7424

Ion Ratio Lower Upper

240 100

120 8.7 5.0 7.4#

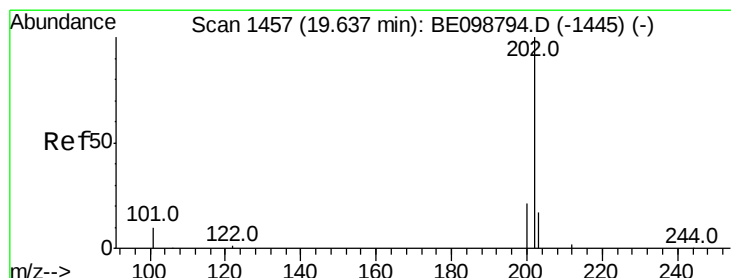
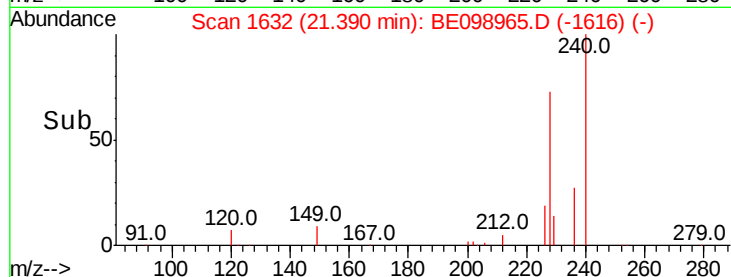
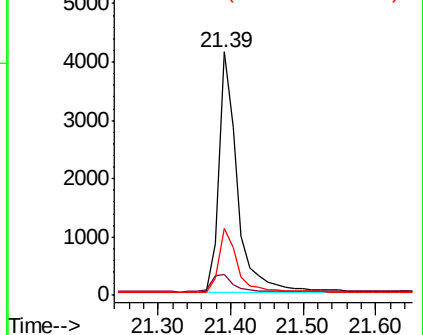
236 27.8 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.407 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

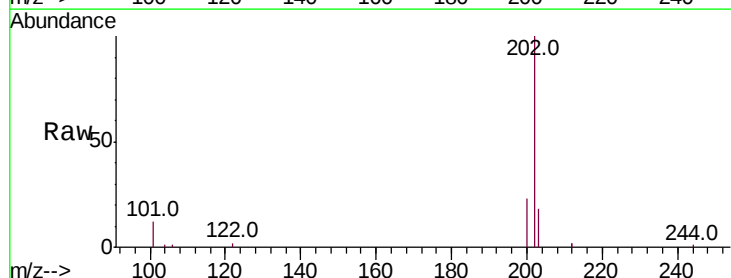
Tgt Ion:202 Resp: 9249

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

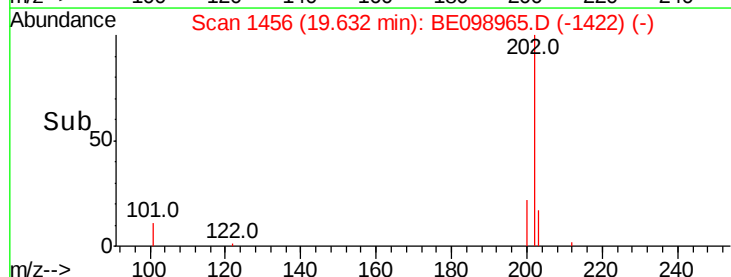
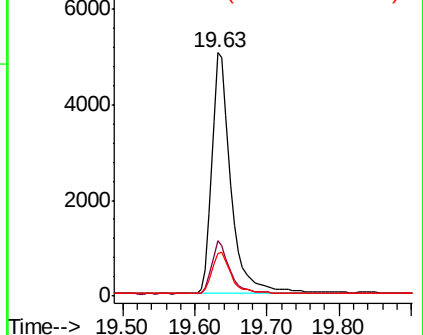
203 17.1 14.2 21.2

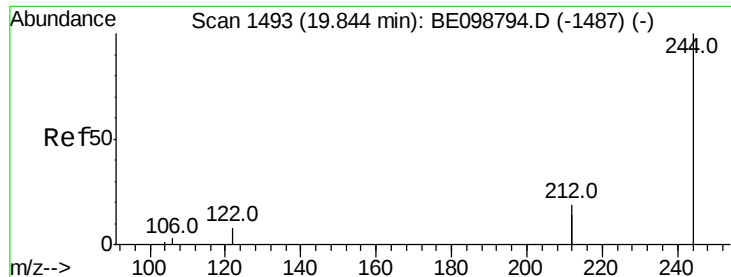


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

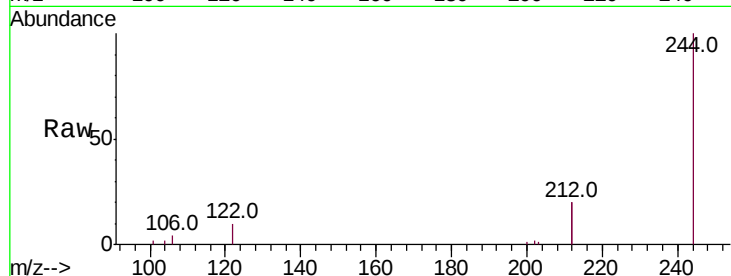
Tot Ion:244 Resp: 6874

Ion Ratio Lower Upper

244 100

212 39.9 29.4 44.2

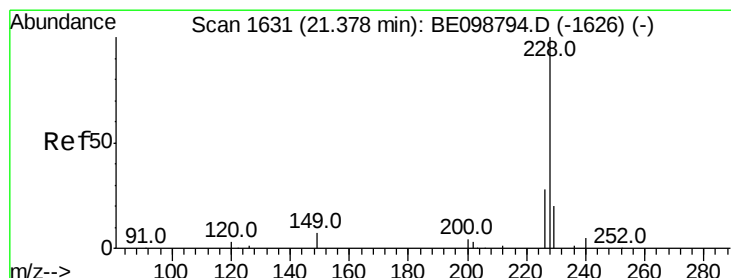
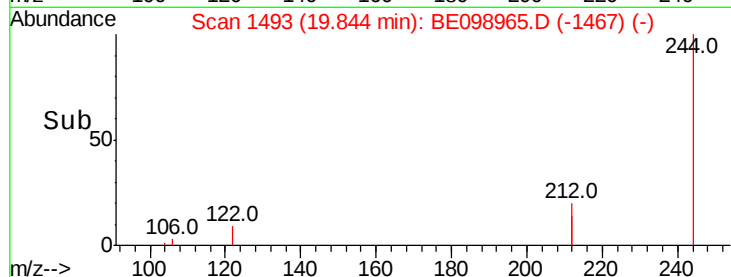
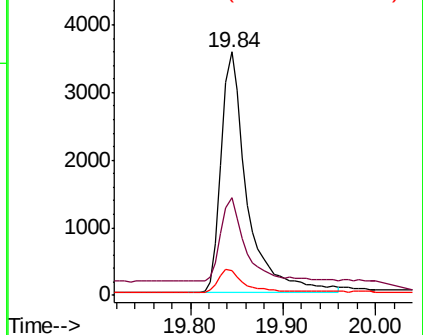
122 10.1 7.1 10.7



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: 0.349 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

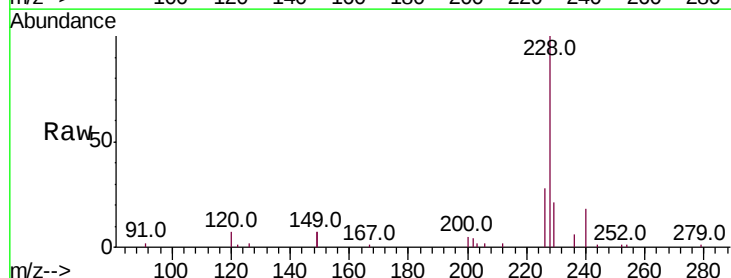
Tgt Ion:228 Resp: 8094

Ion Ratio Lower Upper

228 100

226 27.8 23.0 34.4

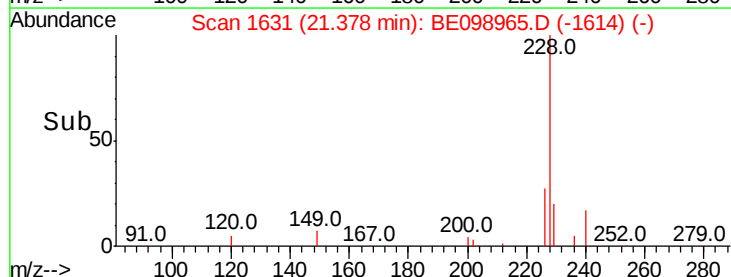
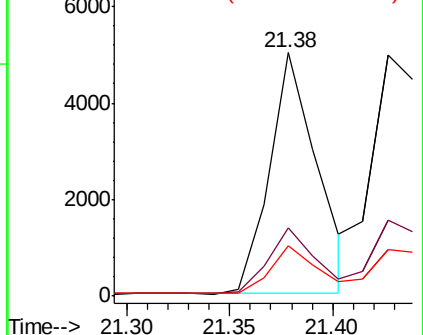
229 20.5 16.5 24.7

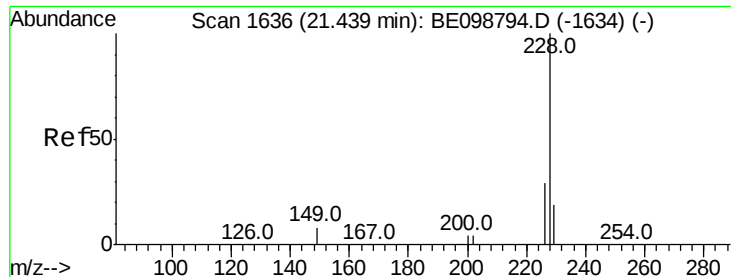


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.400 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

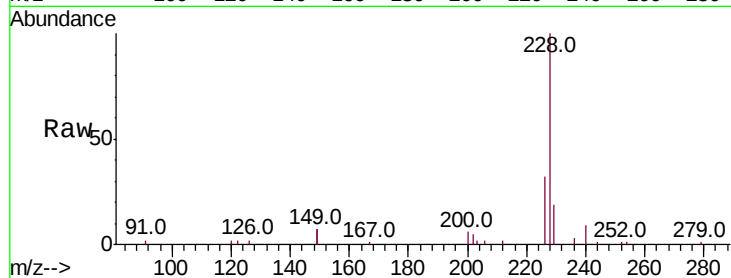
Tot Ion:228 Resp: 9916

Ion Ratio Lower Upper

228 100

226 31.8 23.7 35.5

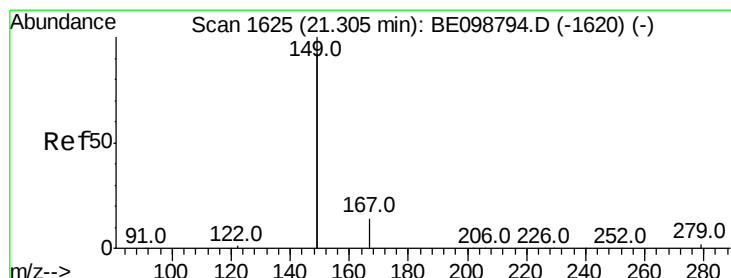
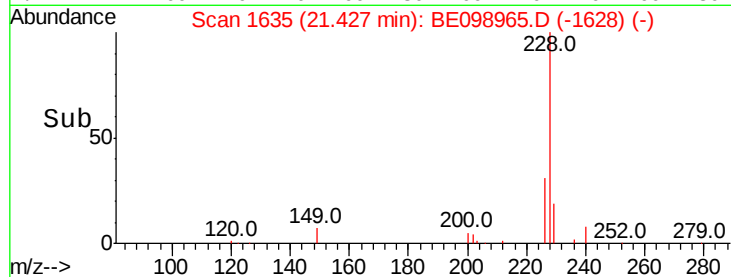
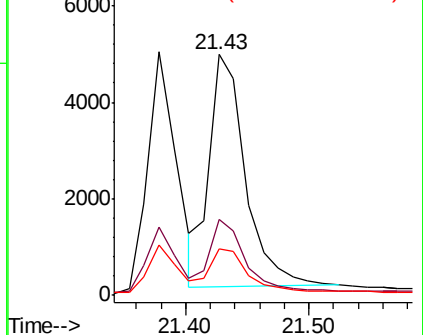
229 19.4 16.1 24.1



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: 0.347 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

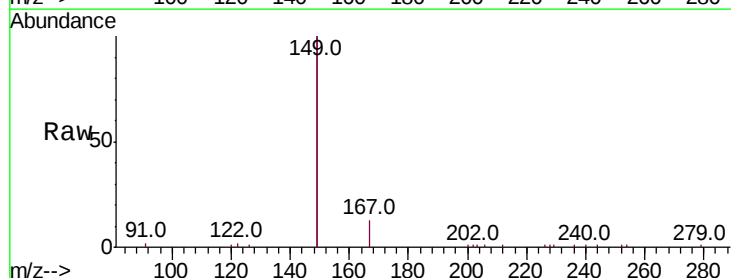
Tgt Ion:149 Resp: 17120

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

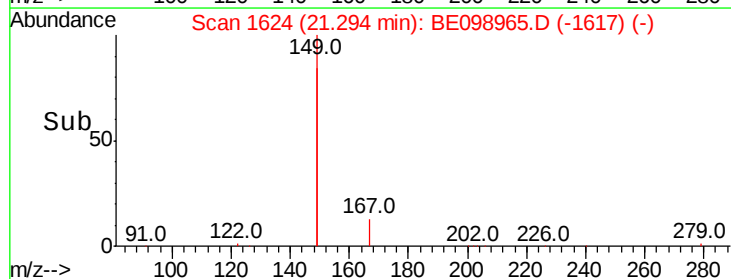
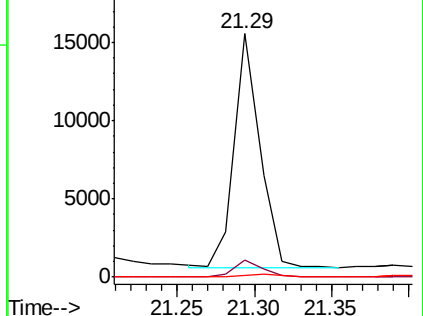
279 1.0 1.0 1.4

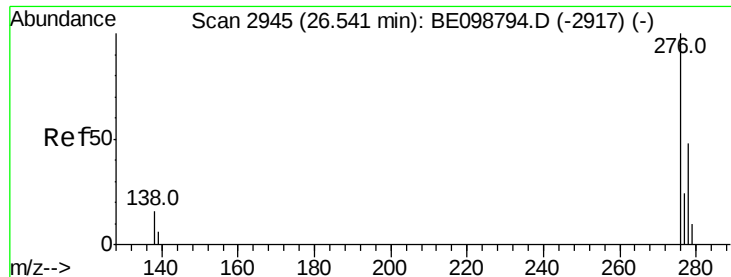


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.375 ng

RT: 26.53 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

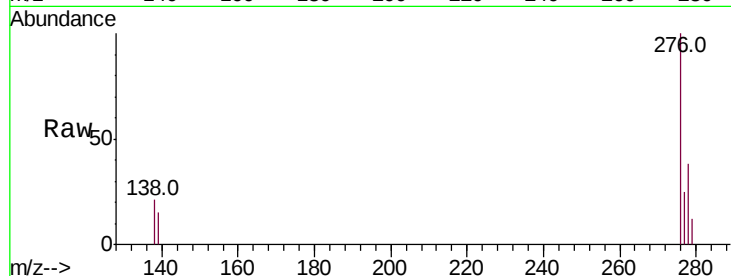
Tot Ion:276 Resp: 9808

Ion Ratio Lower Upper

276 100

138 17.0 13.8 20.8

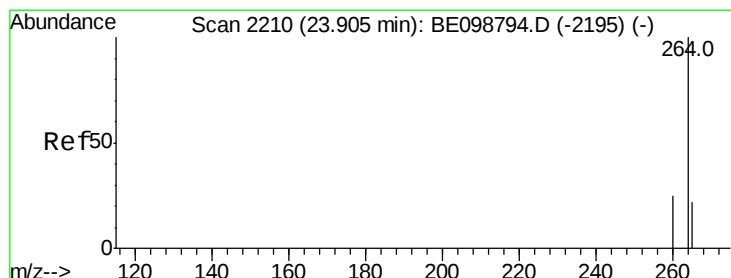
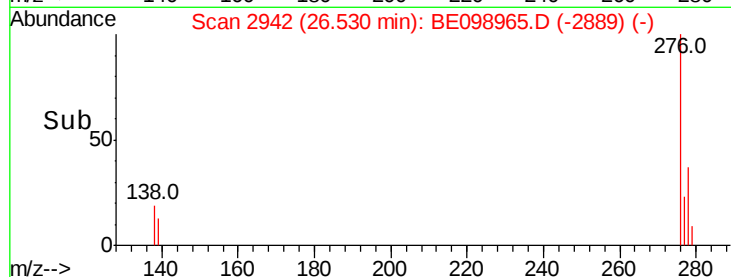
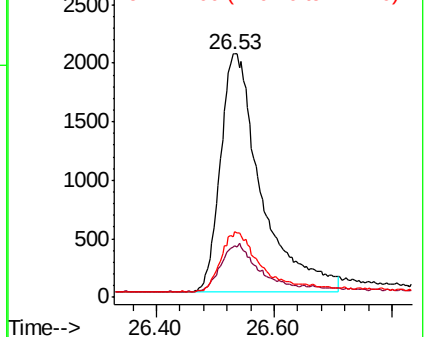
277 23.4 19.5 29.3



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: BE098965.D

Acq: 15 Mar 2019 4:31

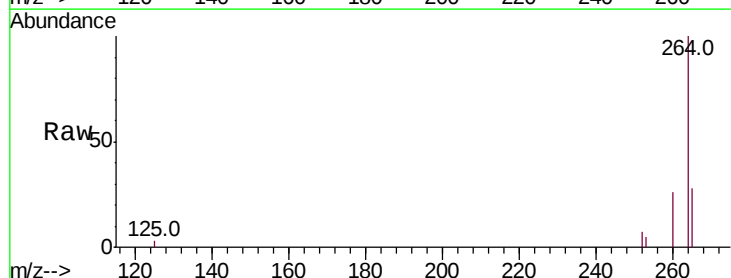
Tgt Ion:264 Resp: 7312

Ion Ratio Lower Upper

264 100

260 25.6 21.2 31.8

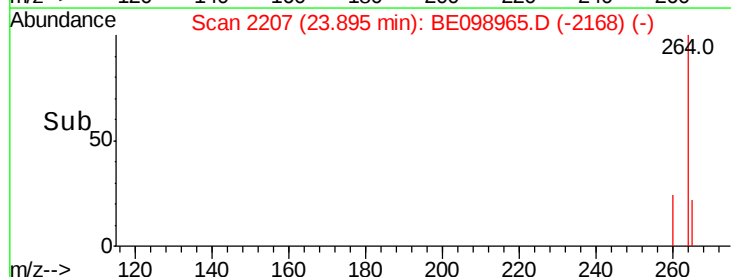
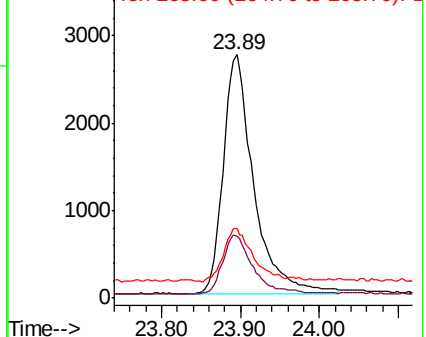
265 28.5 24.6 36.8

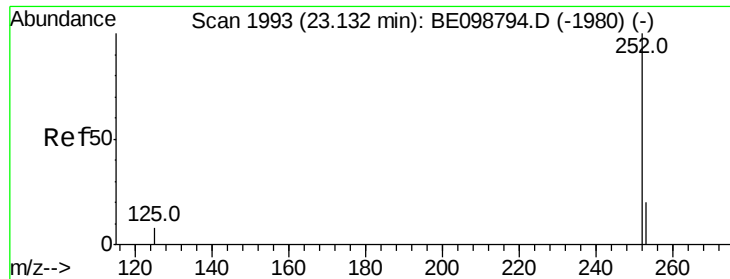


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

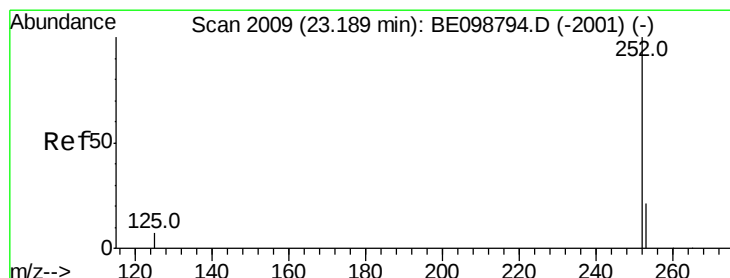
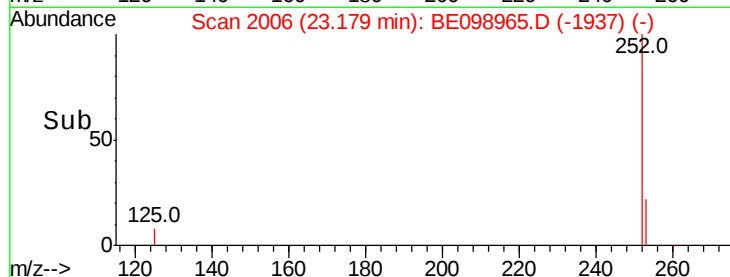
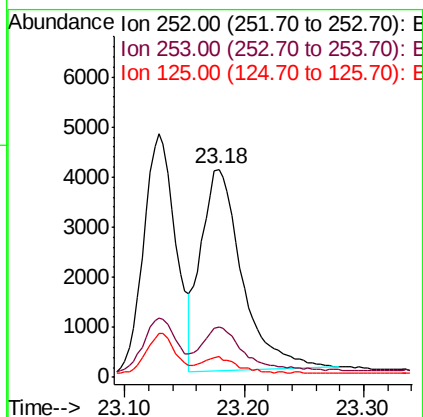
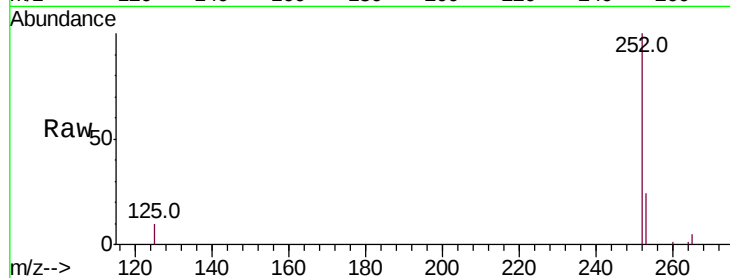




#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098965.D
Acq: 15 Mar 2019 4:31

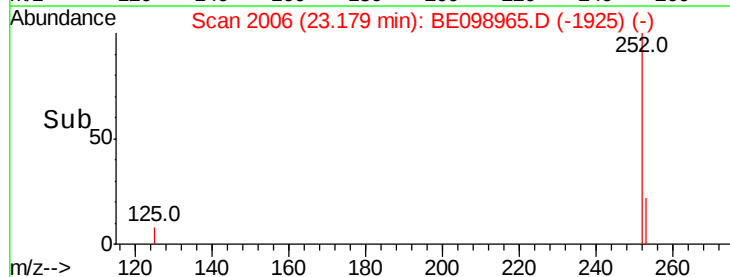
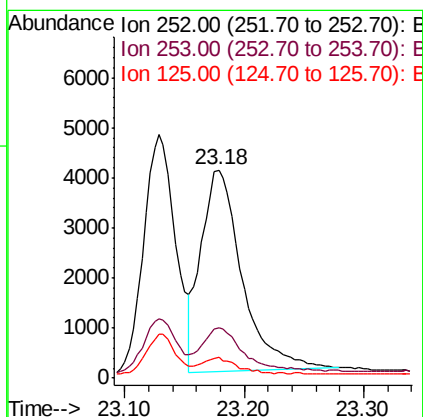
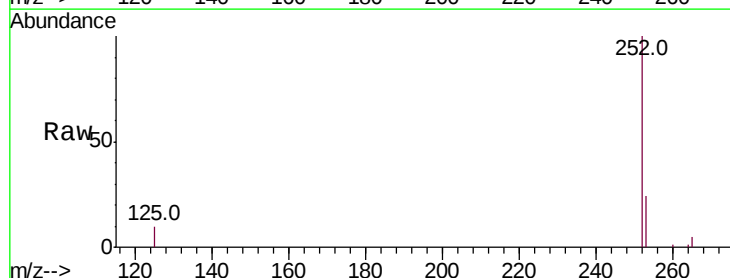
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

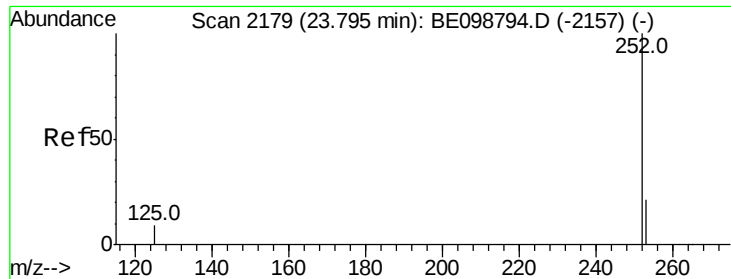
Tot Ion:252 Resp: 9585
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.2
125 9.8 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.381 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098965.D
Acq: 15 Mar 2019 4:31

Tgt Ion:252 Resp: 9585
Ion Ratio Lower Upper
252 100
253 24.1 19.3 28.9
125 9.8 7.5 11.3

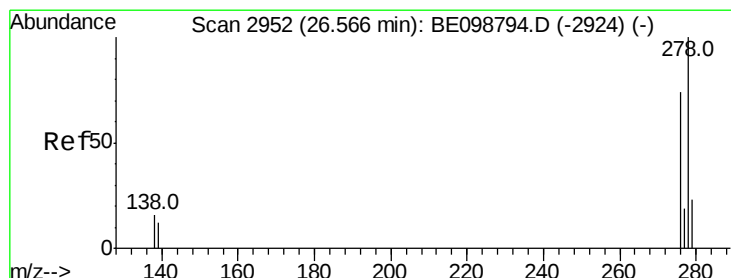
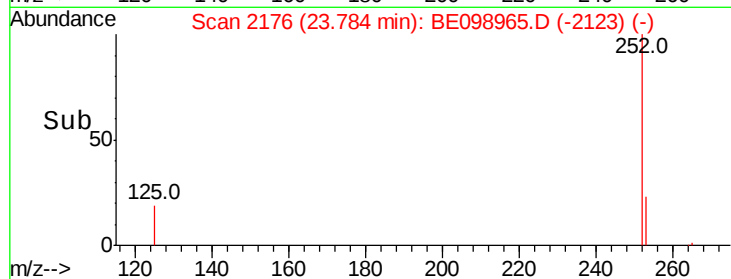
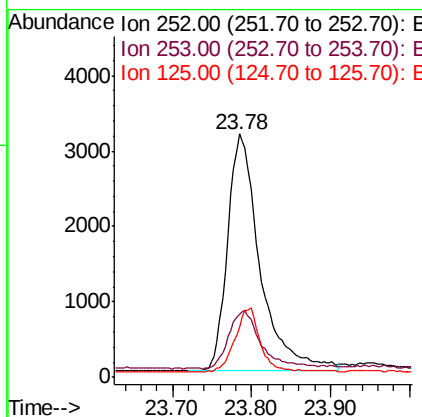
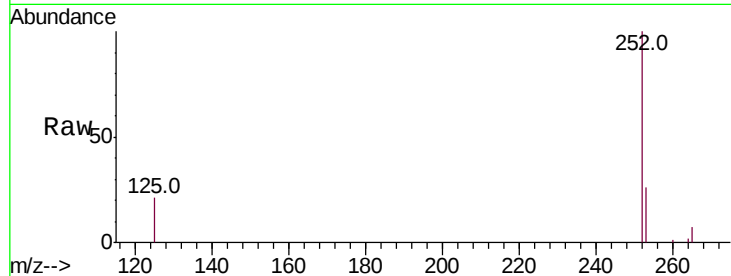




#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE098965.D
Acq: 15 Mar 2019 4:31

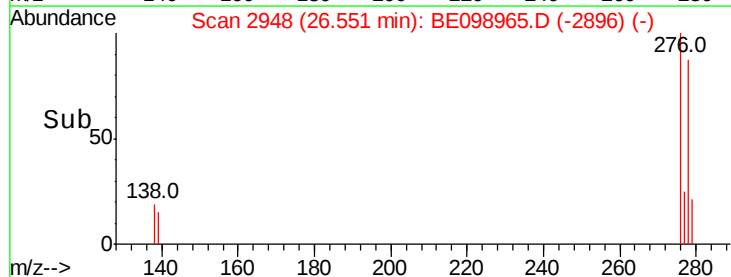
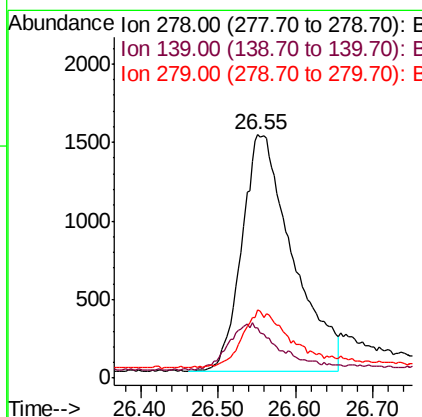
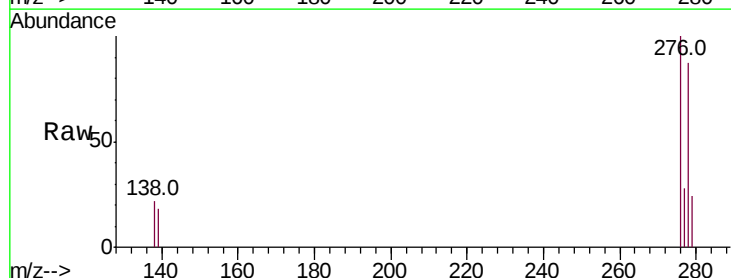
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

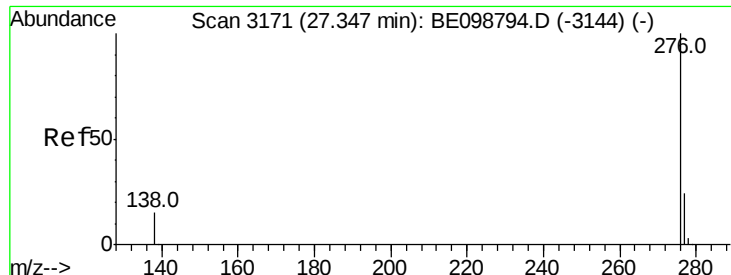
Tot Ion:252 Resp: 9032
Ion Ratio Lower Upper
252 100
253 26.1 19.9 29.9
125 20.8 9.0 13.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.312 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE098965.D
Acq: 15 Mar 2019 4:31

Tgt Ion:278 Resp: 6802
Ion Ratio Lower Upper
278 100
139 20.7 11.8 17.6#
279 27.9 21.1 31.7





#39

Benzo(a,h,i)perylene

Concen: 0.367 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE098965.D

Acq: 15 Mar 2019 4:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

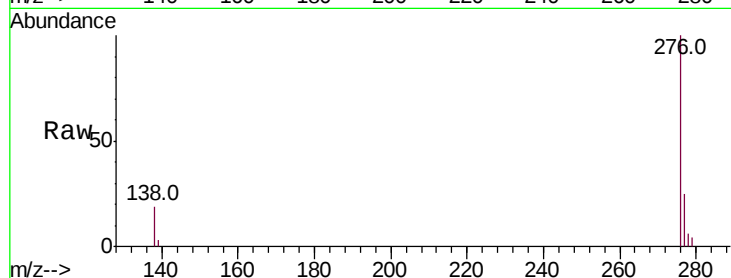
Tot Ion:276 Resp: 8370

Ion Ratio Lower Upper

276 100

277 24.8 20.4 30.6

138 18.8 13.6 20.4



Abundance Ion 276.00 (275.70 to 276.70): E

2500 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

