

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098414.D
 Acq On : 14 Dec 2018 1:44
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 14 02:15:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1286	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	5590	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	3594	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	9681	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	11409	0.40	ng	-0.01
34) Perylene-d12	24.00	264	10953	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1135	0.38	ng	0.00
5) Phenol-d6	7.05	99	1634	0.38	ng	0.00
8) Nitrobenzene-d5	9.03	82	1939	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3304	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	418	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5378	0.35	ng	0.00
25) Fluoranthene-d10	19.30	212	46867	0.38	ng	0.00
29) Terphenyl-d14	19.90	244	8816	0.32	ng	0.00

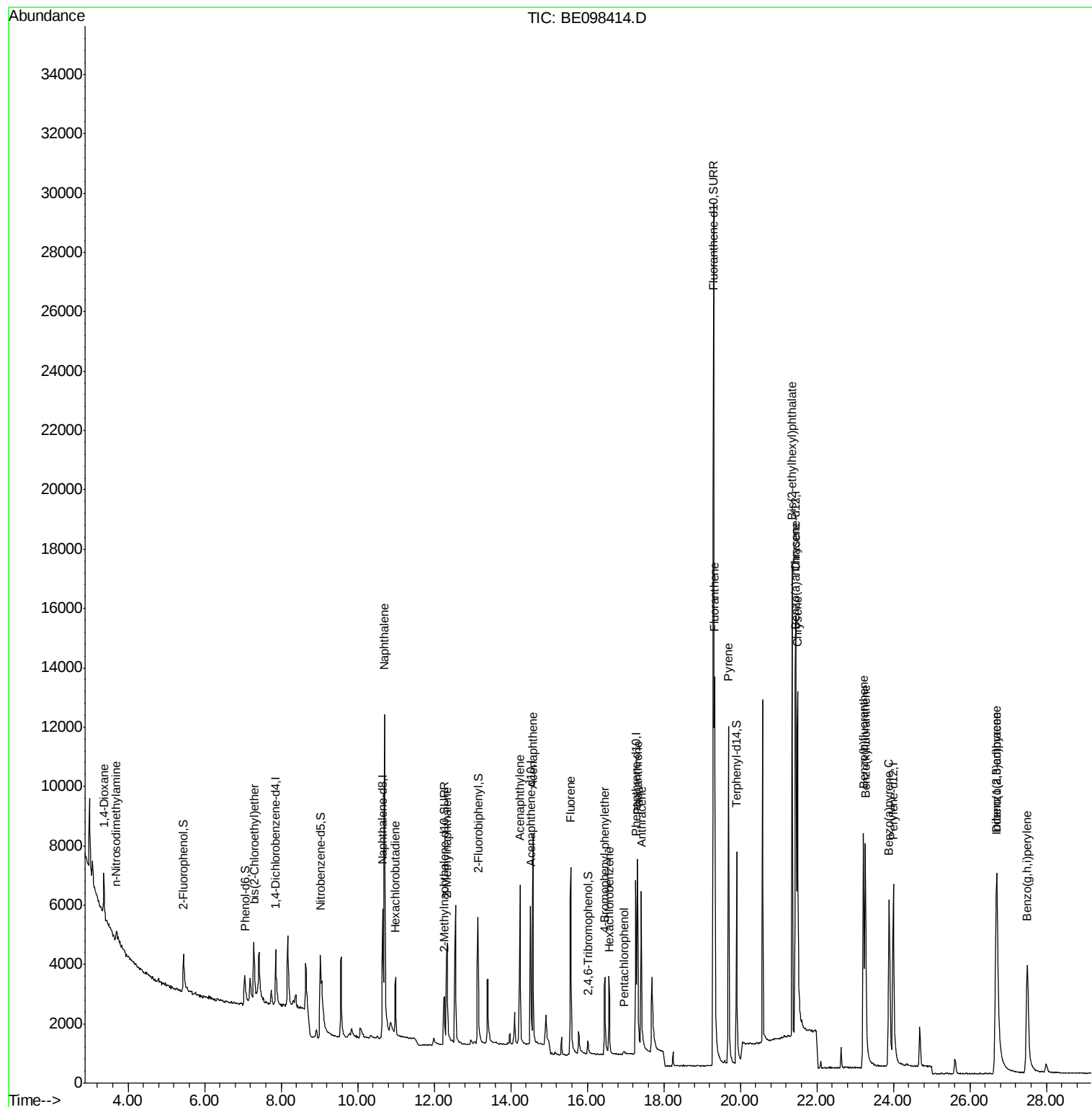
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	824	0.371	ng	93
3) n-Nitrosodimethylamine	3.70	42	475	0.237	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1400	0.346	ng	77
9) Naphthalene	10.71	128	21449	0.381	ng	100
10) Hexachlorobutadiene	10.99	225	1523	0.425	ng	95
12) 2-Methylnaphthalene	12.34	142	3264	0.357	ng	98
16) Acenaphthylene	14.24	152	6433	0.382	ng	99
17) Acenaphthene	14.59	154	3680	0.364	ng	95
18) Fluorene	15.57	166	5020	0.371	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	1805	0.346	ng	# 81
21) Hexachlorobenzene	16.58	284	2096	0.374	ng	95
22) Pentachlorophenol	16.95	266	132	0.167	ng	91
23) Phenanthrene	17.32	178	8794	0.374	ng	99
24) Anthracene	17.41	178	7117	0.339	ng	99
26) Fluoranthene	19.33	202	12095	0.389	ng	99
28) Pyrene	19.69	202	12418	0.347	ng	99
30) Benzo(a)anthracene	21.44	228	11891	0.366	ng	99
31) Chrysene	21.50	228	12680	0.373	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	19171	0.291	ng	100
33) Indeno(1,2,3-cd)pyrene	26.69	276	13380	0.395	ng	97
35) Benzo(b)fluoranthene	23.22	252	11785	0.393	ng	# 94
36) Benzo(k)fluoranthene	23.27	252	14701	0.421	ng	97
37) Benzo(a)pyrene	23.88	252	12196	0.395	ng	96
38) Dibenzo(a,h)anthracene	26.71	278	10830	0.372	ng	# 92
39) Benzo(g,h,i)perylene	27.50	276	11439	0.390	ng	97

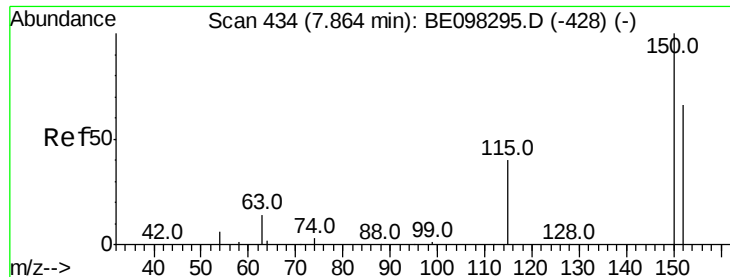
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 10 14:59:55 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

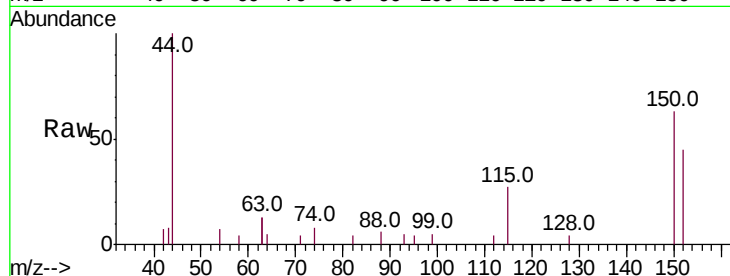
Tot Ion:152 Resp: 1286

Ion Ratio Lower Upper

152 100

150 138.7 124.2 186.4

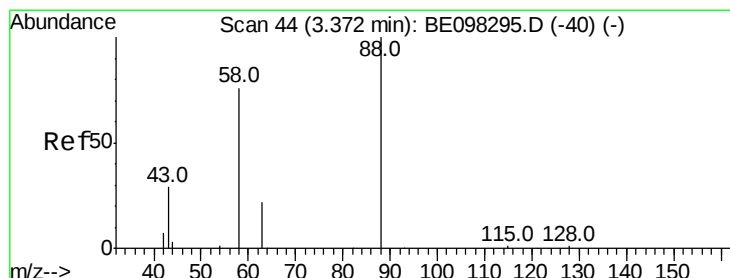
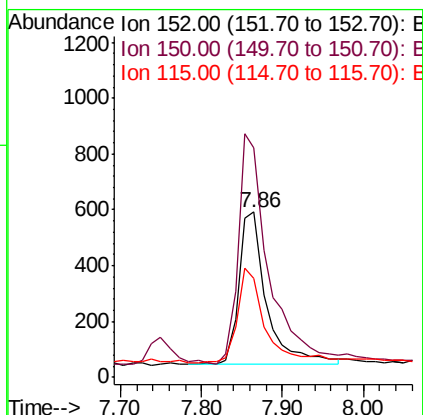
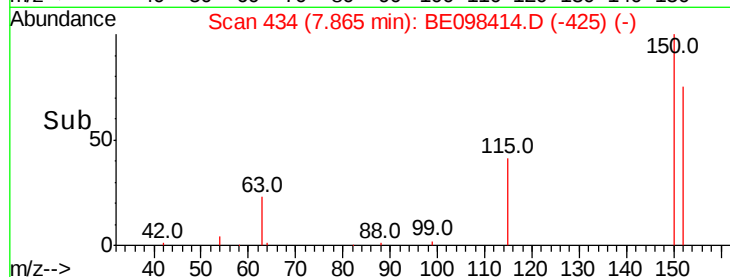
115 60.0 53.9 80.9



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: 0.371 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

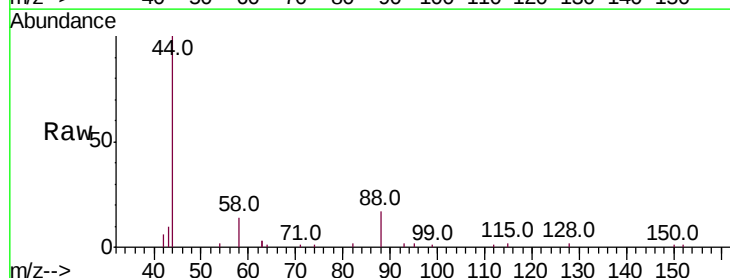
Tgt Ion: 88 Resp: 824

Ion Ratio Lower Upper

88 100

58 88.7 75.0 112.6

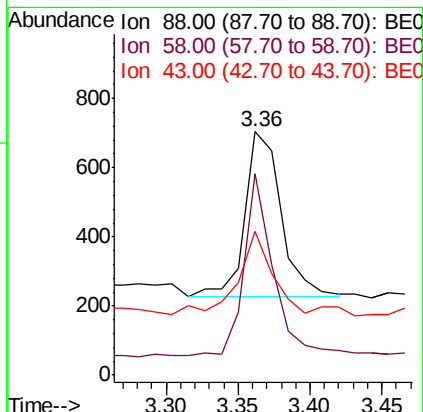
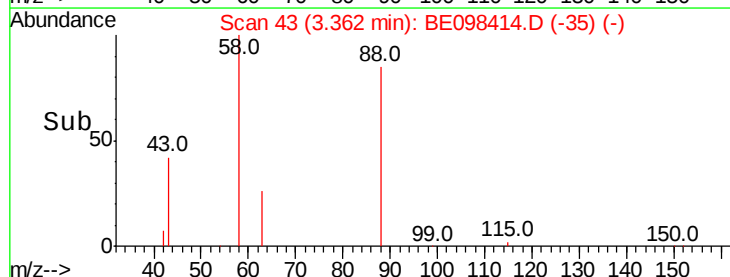
43 54.5 38.3 57.5

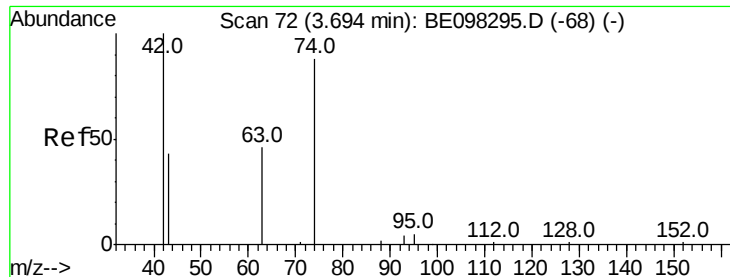


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.237 ng

RT: 3.70 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

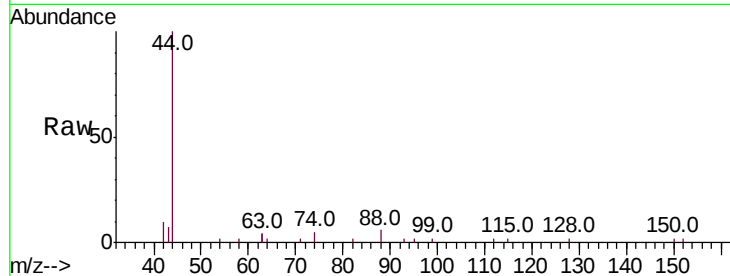
Tot Ion: 42 Resp: 475

Ion Ratio Lower Upper

42 100

74 70.5 0.0 0.0#

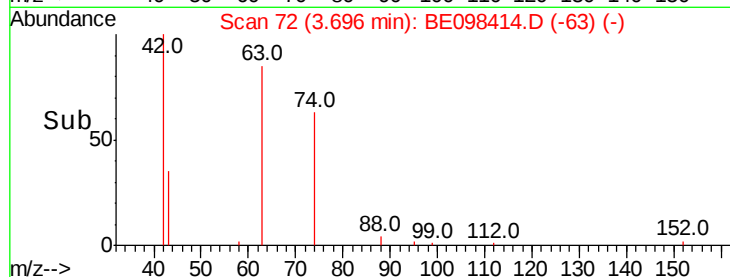
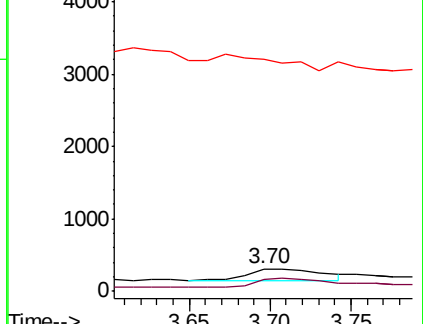
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.377 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

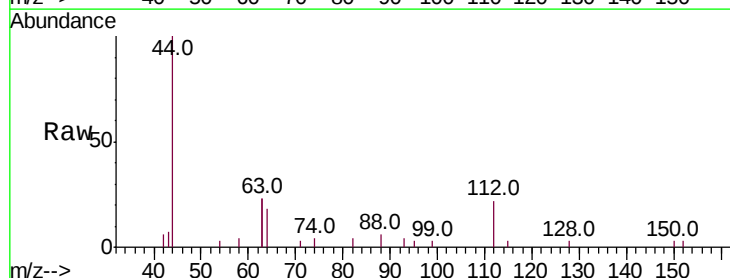
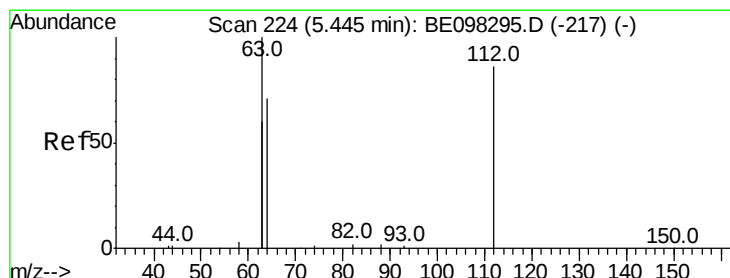
Tgt Ion: 112 Resp: 1135

Ion Ratio Lower Upper

112 100

64 73.6 59.8 89.8

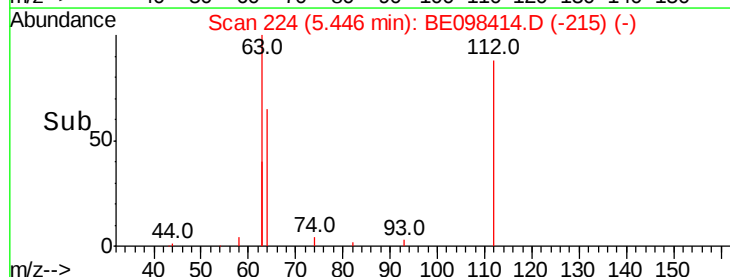
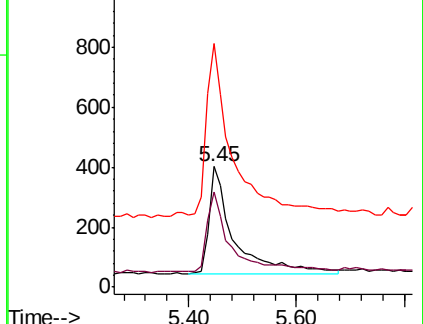
63 175.1 133.7 200.5

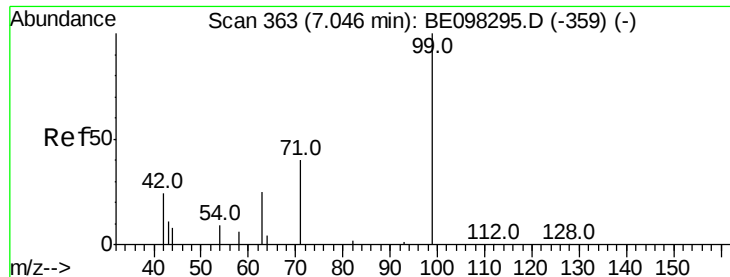


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.383 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

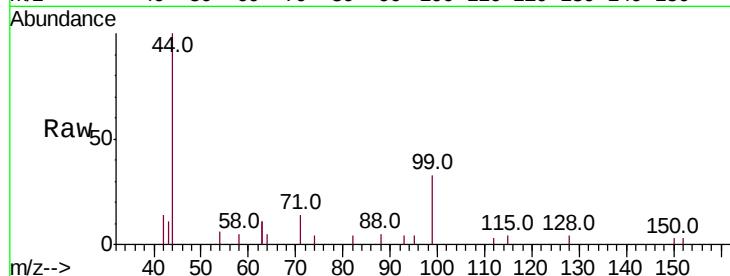
Tot Ion: 99 Resp: 1634

Ion Ratio Lower Upper

99 100

42 26.4 26.3 39.5

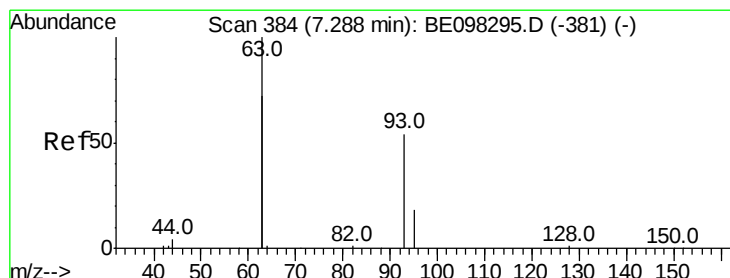
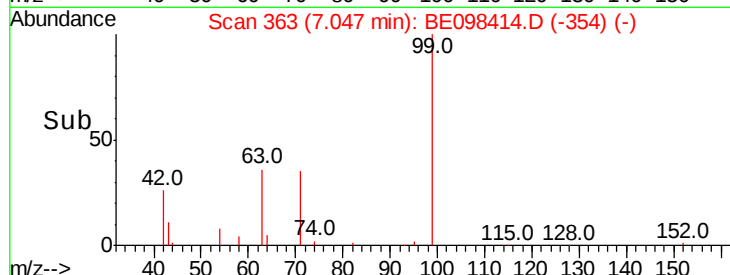
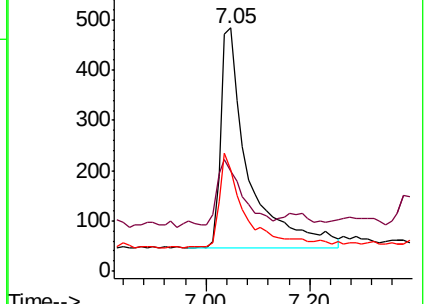
71 38.6 33.6 50.4



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: 0.346 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

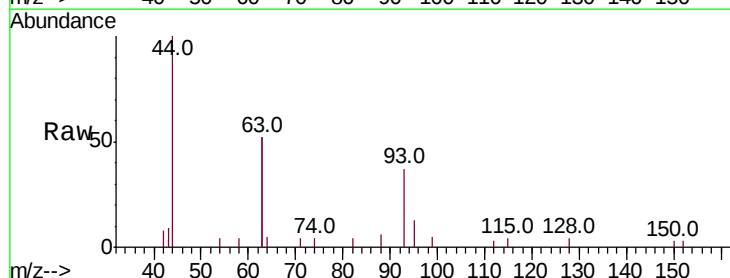
Tgt Ion: 93 Resp: 1400

Ion Ratio Lower Upper

93 100

63 279.1 264.4 396.6

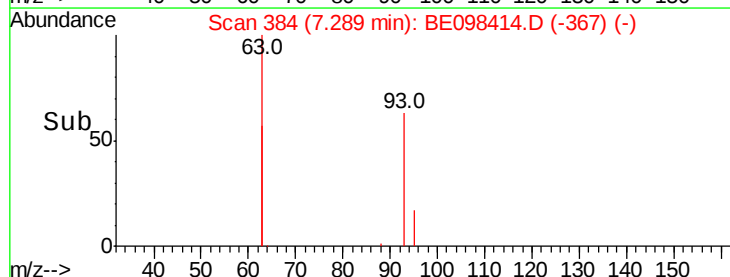
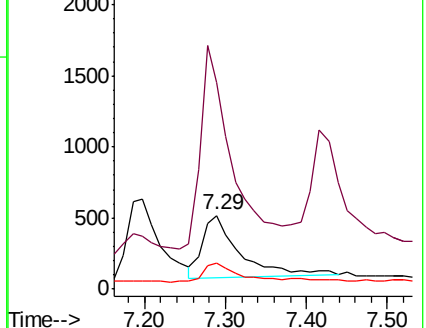
95 28.4 26.6 40.0

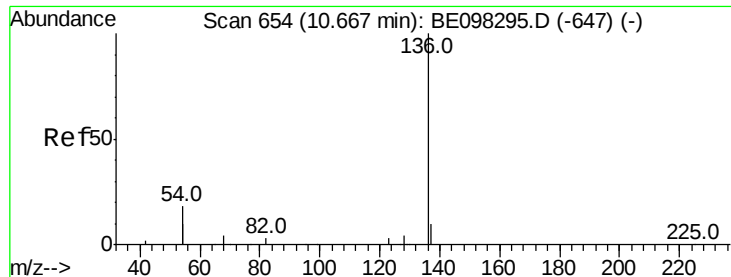


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 5590

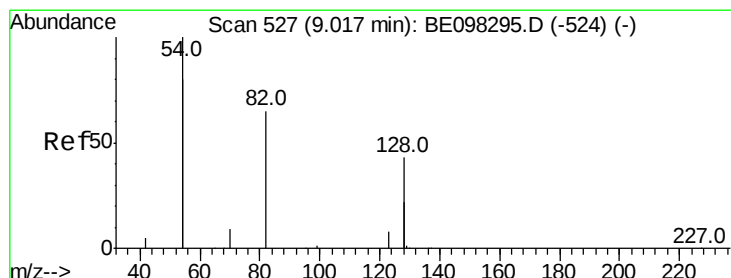
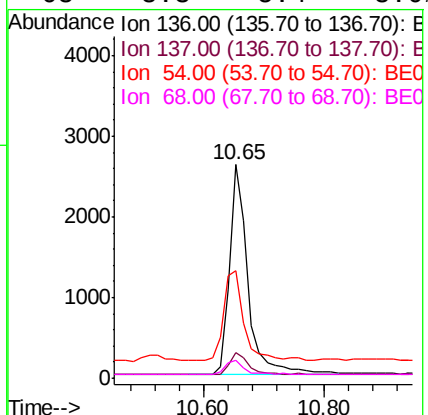
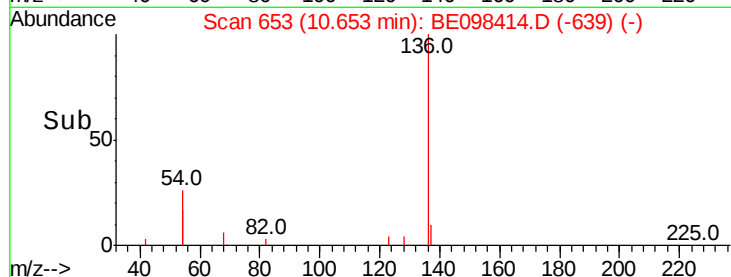
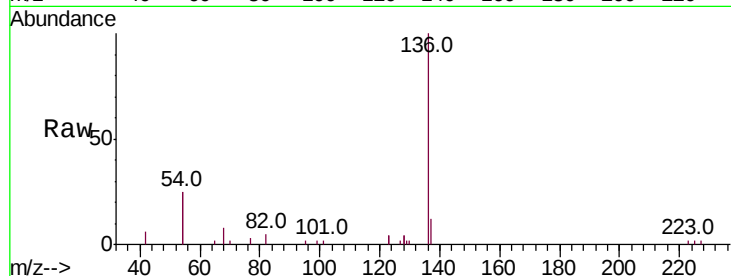
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 50.3 28.4 42.6#

68 8.3 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.381 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

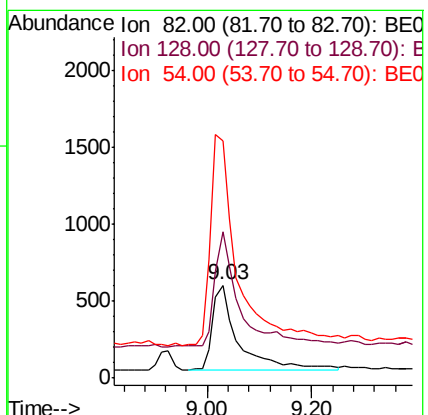
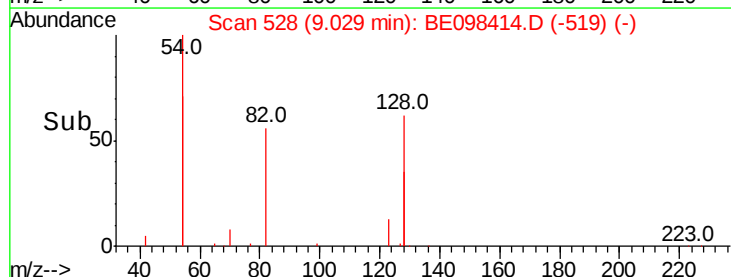
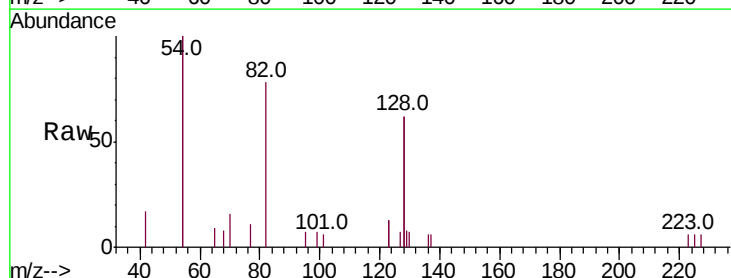
Tgt Ion: 82 Resp: 1939

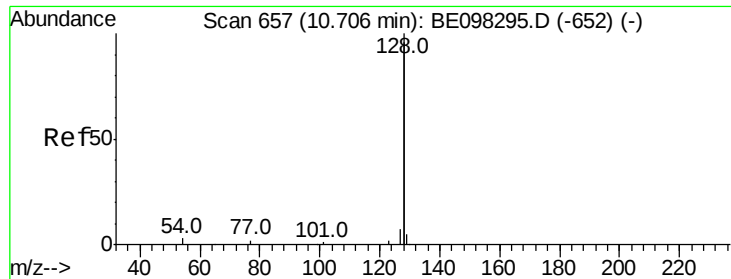
Ion Ratio Lower Upper

82 100

128 157.6 102.4 153.6#

54 255.3 221.8 332.8





#9

Naphthalene

Concen: 0.381 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

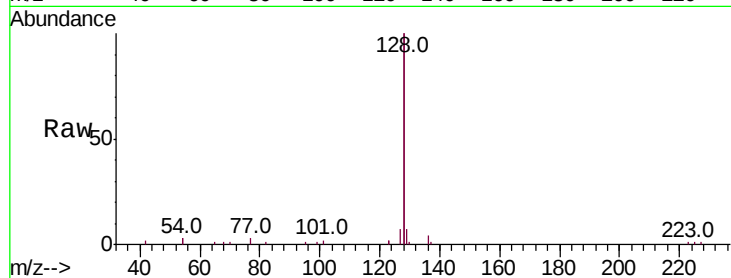
Tot Ion:128 Resp: 21449

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

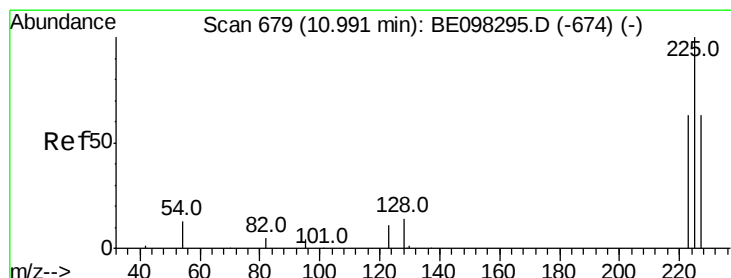
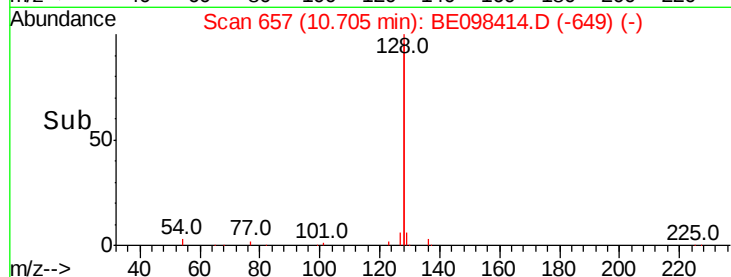
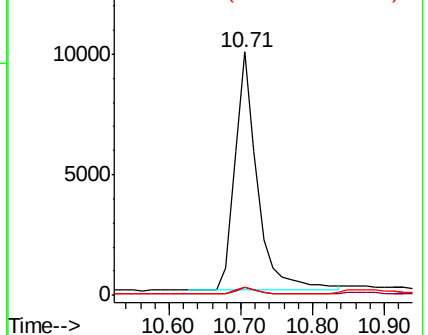
127 3.6 2.7 4.1



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: 0.425 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

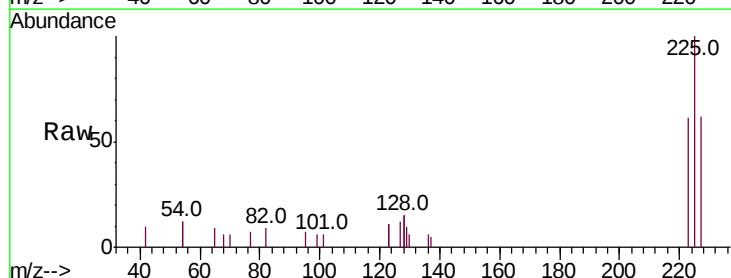
Tgt Ion:225 Resp: 1523

Ion Ratio Lower Upper

225 100

223 60.0 49.4 74.0

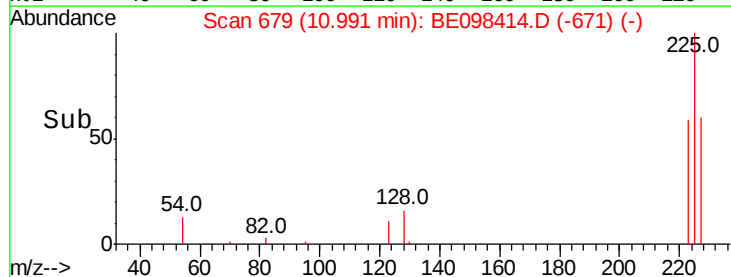
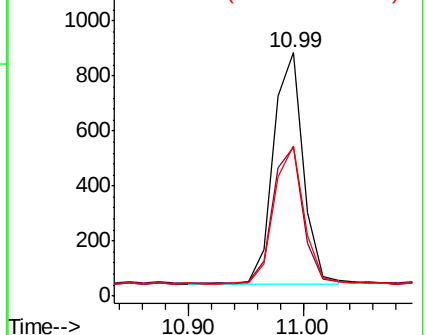
227 59.7 52.0 78.0

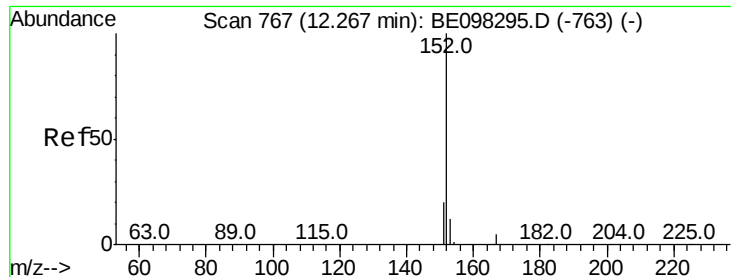


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

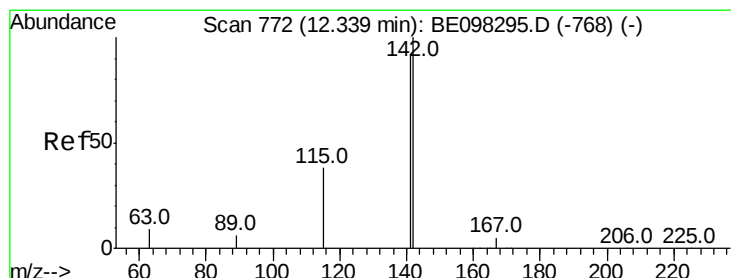
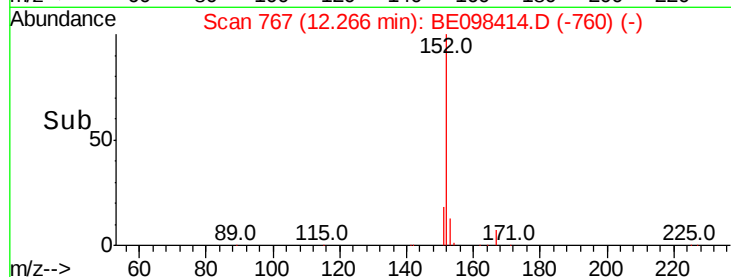
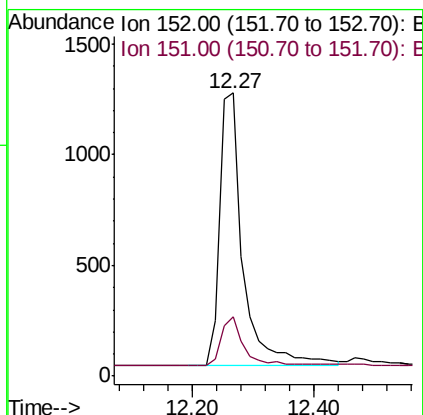
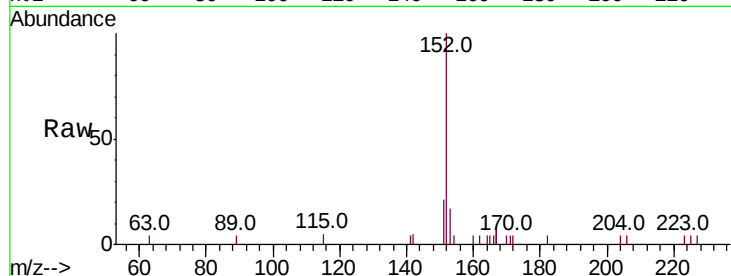




#11
 2-Methylnaphthalene-d10
 Concen: 0.363 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098414.D
 Acq: 14 Dec 2018 1:44

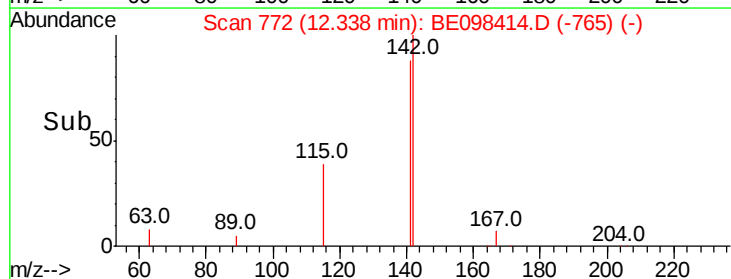
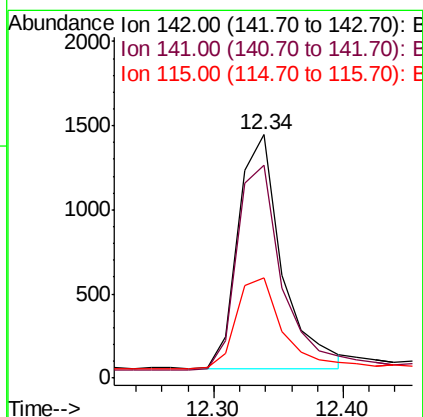
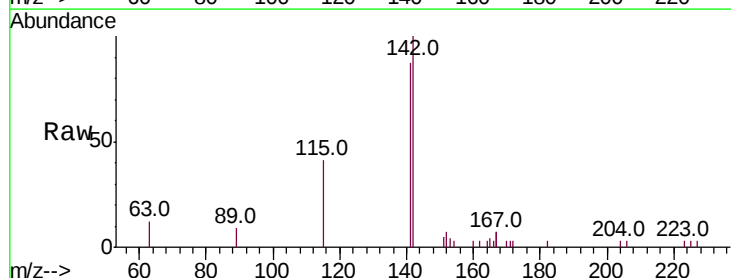
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

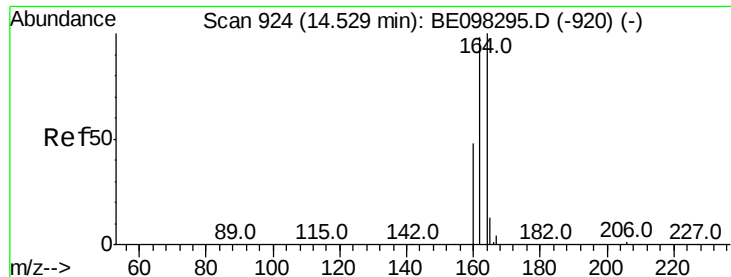
Tot Ion:152 Resp: 3304
 Ion Ratio Lower Upper
 152 100
 151 18.4 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.357 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098414.D
 Acq: 14 Dec 2018 1:44

Tgt Ion:142 Resp: 3264
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.0 106.6
 115 41.3 32.2 48.2

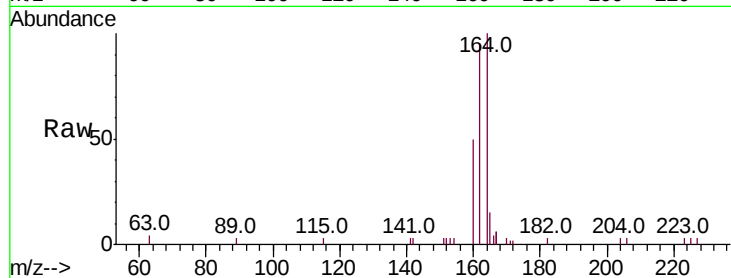




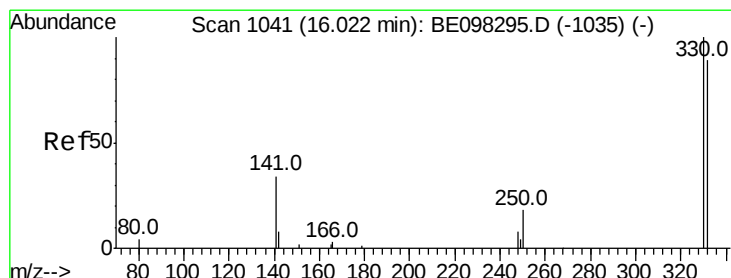
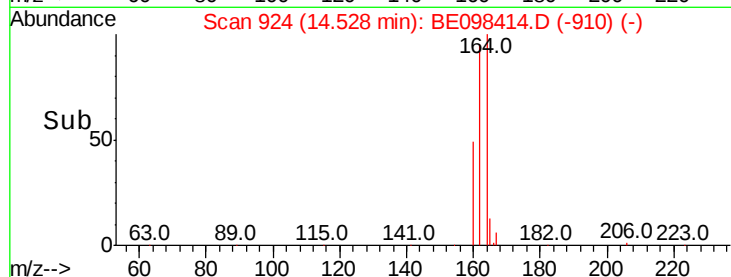
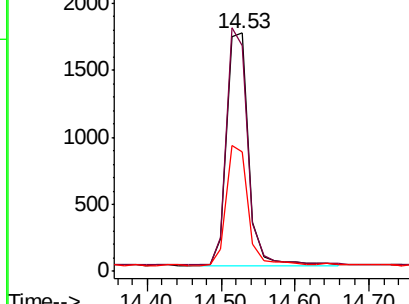
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098414.D
 Acq: 14 Dec 2018 1:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion:164 Resp: 3594
 Ion Ratio Lower Upper
 164 100
 162 95.0 77.6 116.4
 160 50.0 36.0 54.0

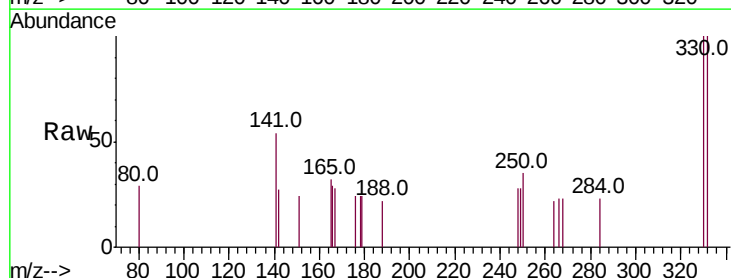


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

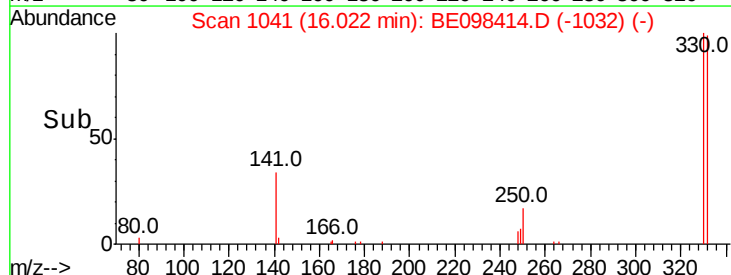
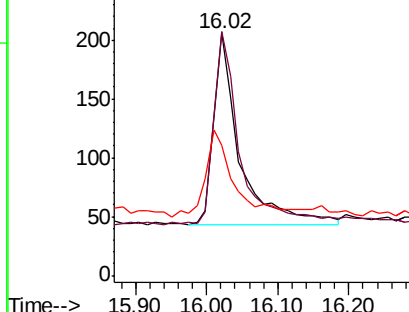


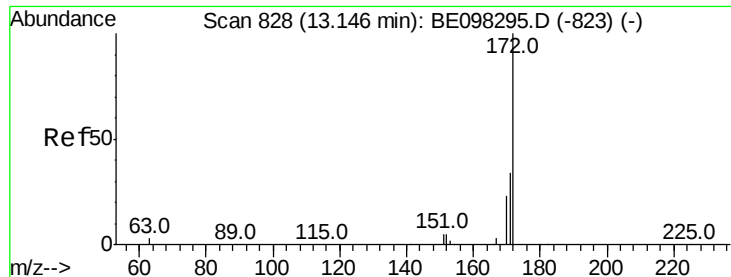
#14
 2,4,6-Tribromophenol
 Concen: 0.317 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098414.D
 Acq: 14 Dec 2018 1:44

Tgt Ion:330 Resp: 418
 Ion Ratio Lower Upper
 330 100
 332 109.3 76.2 114.4
 141 49.5 39.0 58.4



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

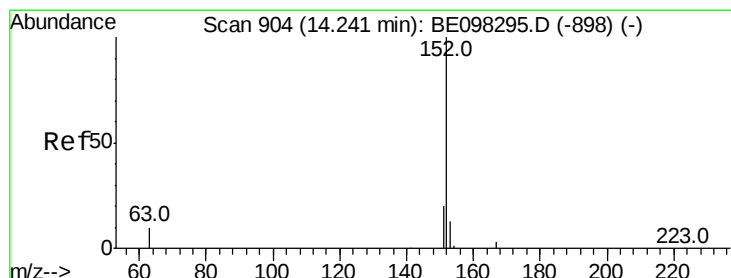
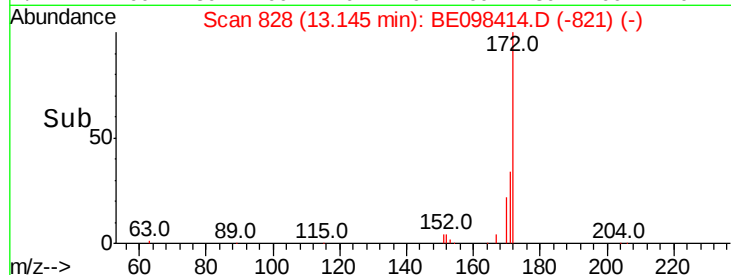
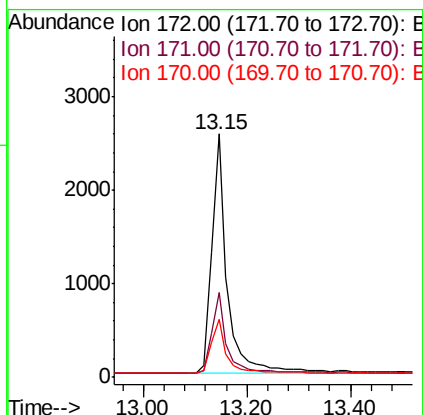
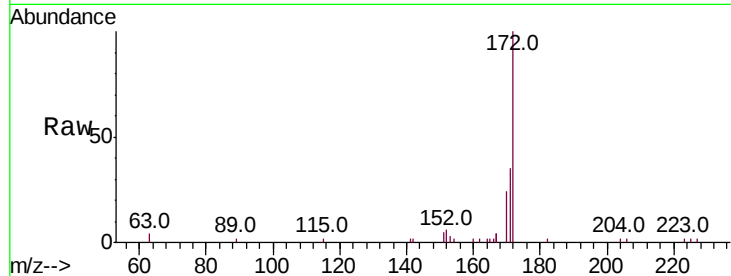




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098414.D
Acq: 14 Dec 2018 1:44

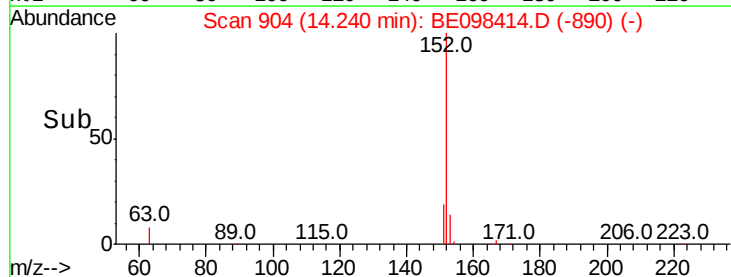
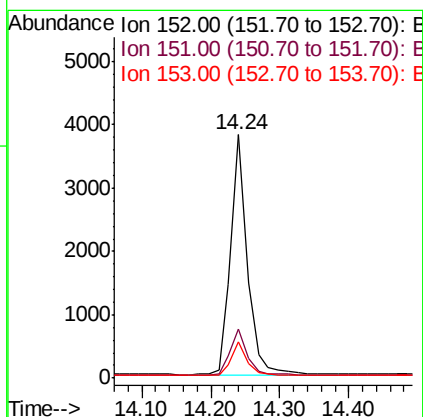
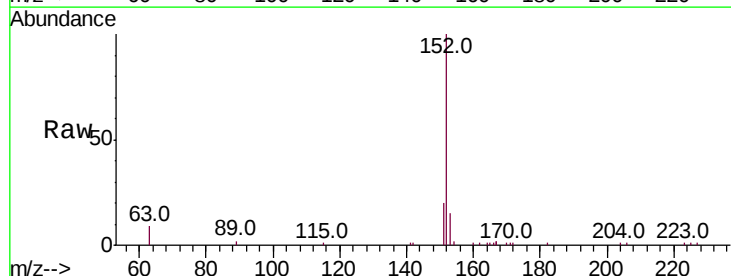
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

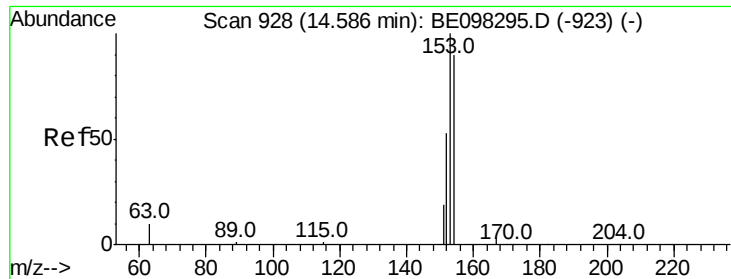
Tot Ion:172 Resp: 5378
Ion Ratio Lower Upper
172 100
171 34.7 27.5 41.3
170 23.6 19.6 29.4



#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098414.D
Acq: 14 Dec 2018 1:44

Tgt Ion:152 Resp: 6433
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 12.9 10.6 16.0

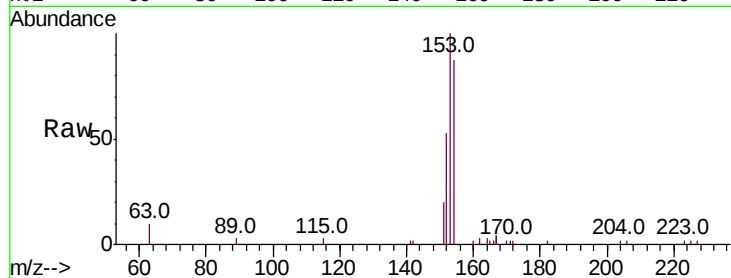




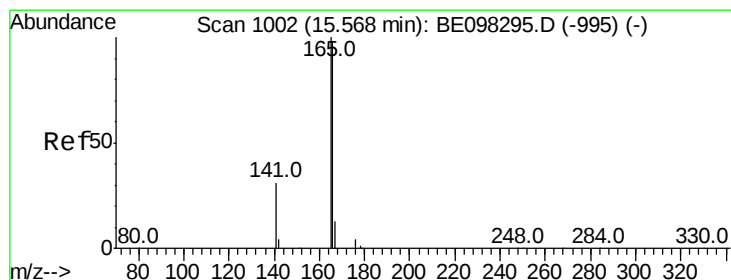
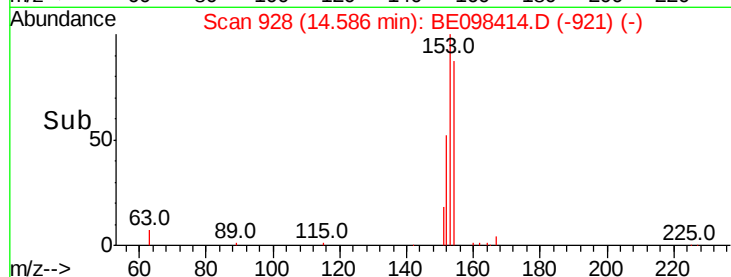
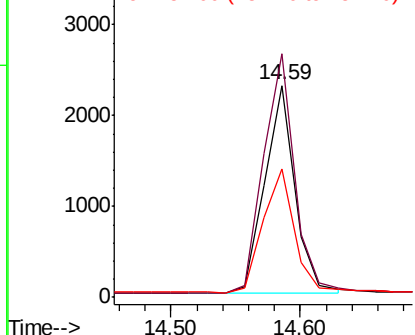
#17
Acenaphthene
Concen: 0.364 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098414.D
Acq: 14 Dec 2018 1:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 3680
Ion Ratio Lower Upper
154 100
153 119.0 91.8 137.6
152 61.7 45.5 68.3

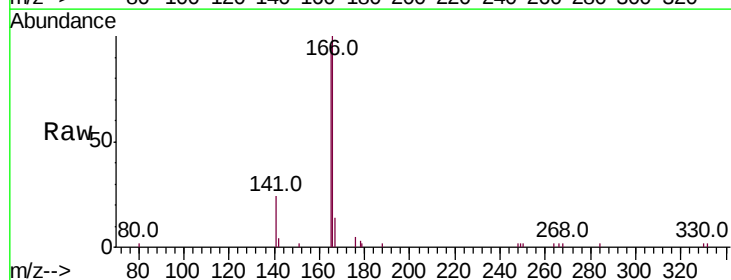


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

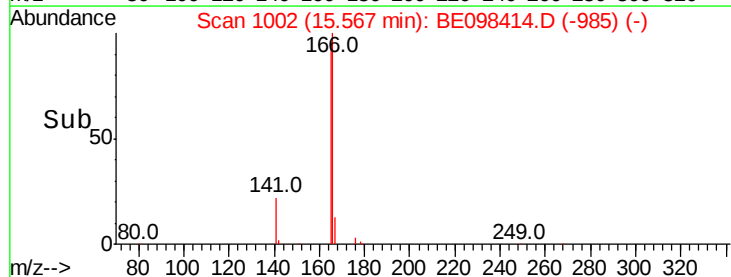
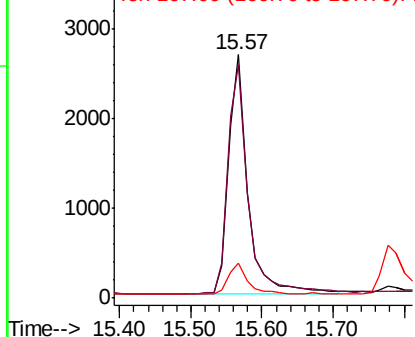


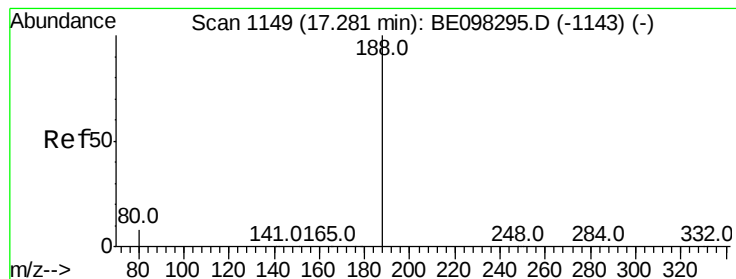
#18
Fluorene
Concen: 0.371 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098414.D
Acq: 14 Dec 2018 1:44

Tgt Ion:166 Resp: 5020
Ion Ratio Lower Upper
166 100
165 100.8 79.3 118.9
167 12.5 11.3 16.9



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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

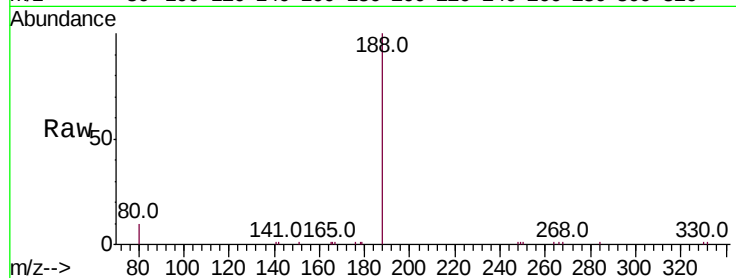
Tot Ion:188 Resp: 9681

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

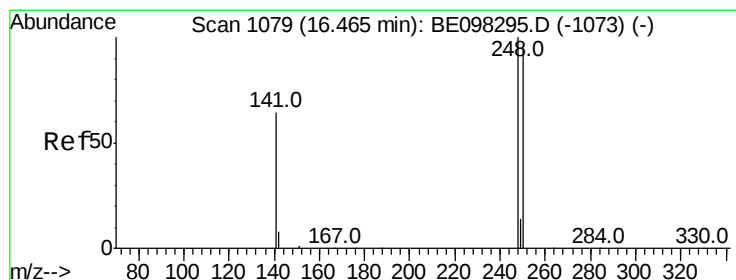
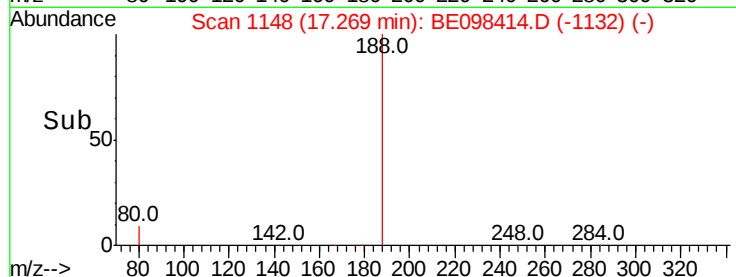
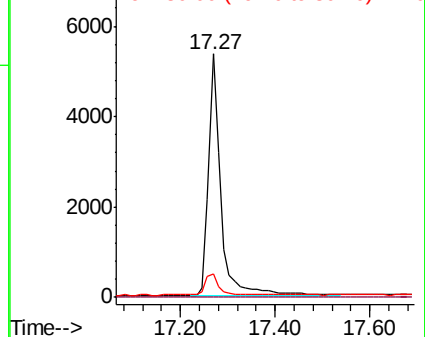
80 9.8 7.2 10.8



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: 0.346 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

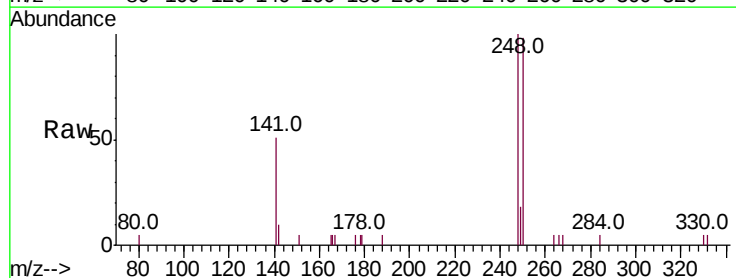
Tgt Ion:248 Resp: 1805

Ion Ratio Lower Upper

248 100

250 98.0 71.0 106.6

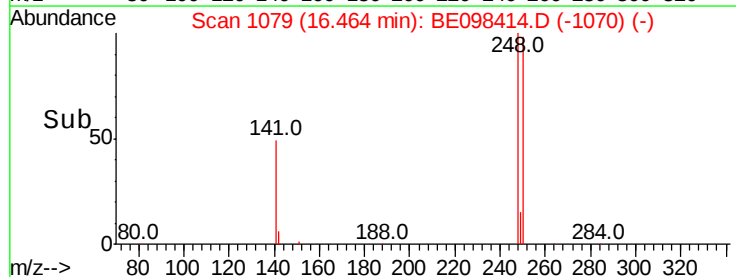
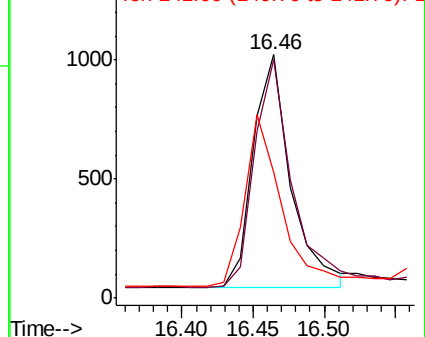
141 51.5 62.1 93.1#

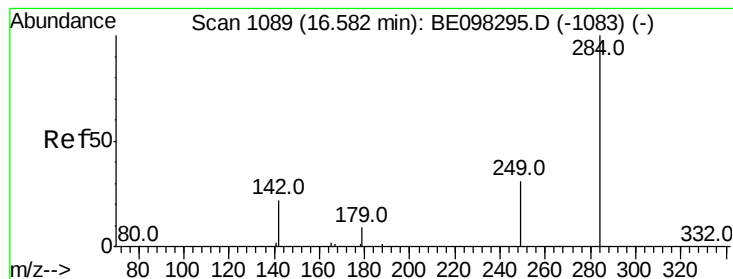


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.374 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

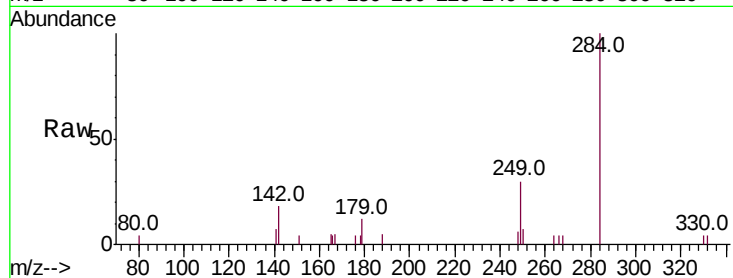
Tot Ion:284 Resp: 2096

Ion Ratio Lower Upper

284 100

142 36.0 26.3 39.5

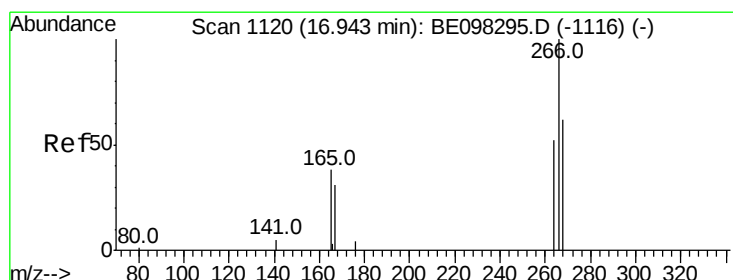
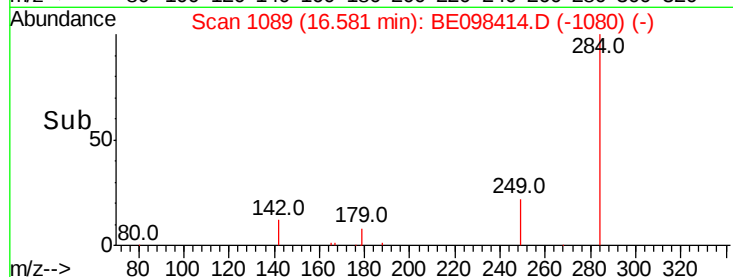
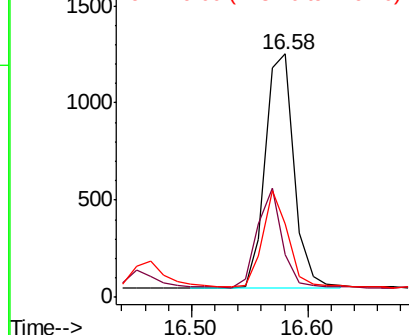
249 34.9 26.0 39.0



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: 0.167 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

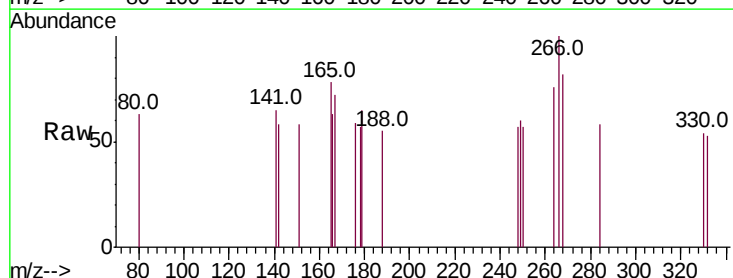
Tgt Ion:266 Resp: 132

Ion Ratio Lower Upper

266 100

264 75.9 59.0 88.4

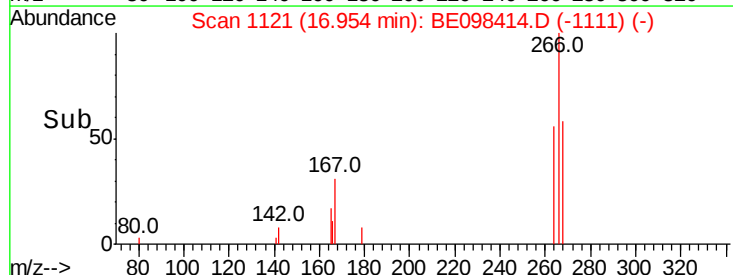
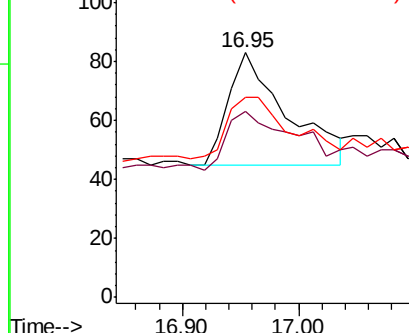
268 81.9 55.1 82.7

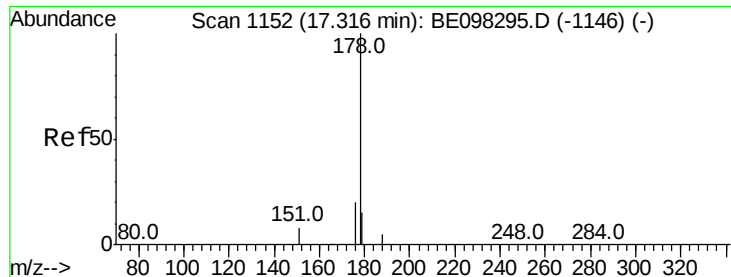


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.374 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

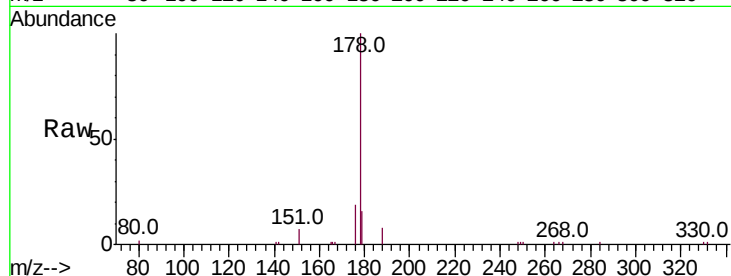
Tot Ion:178 Resp: 8794

Ion Ratio Lower Upper

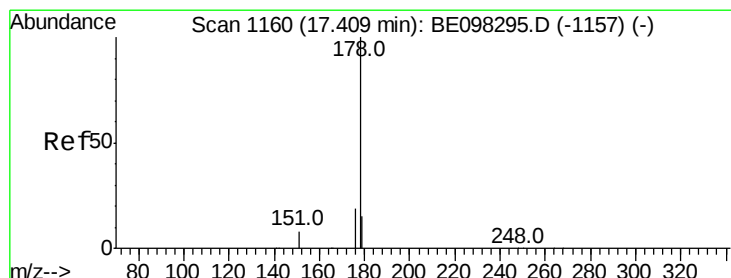
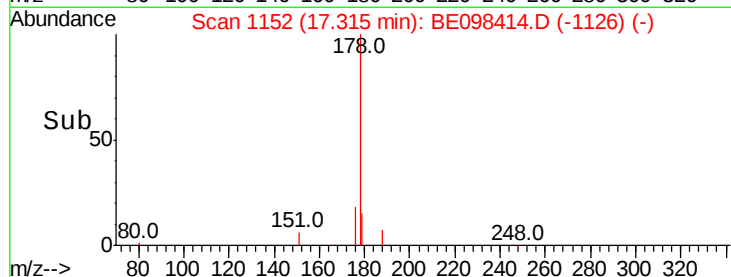
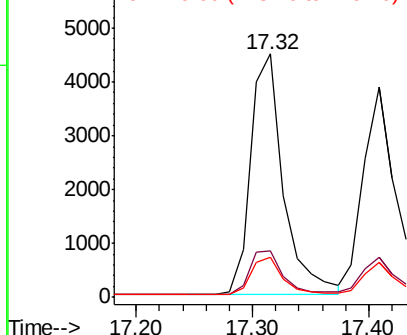
178 100

176 19.3 15.9 23.9

179 15.6 12.3 18.5



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: 0.339 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

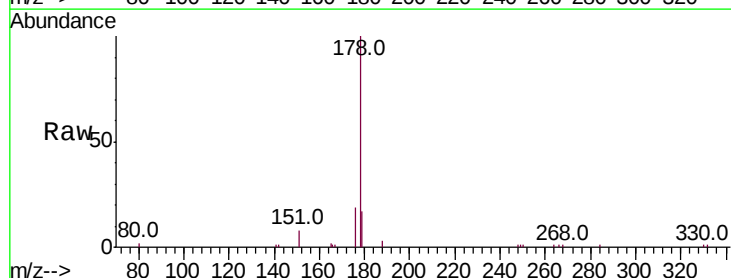
Tgt Ion:178 Resp: 7117

Ion Ratio Lower Upper

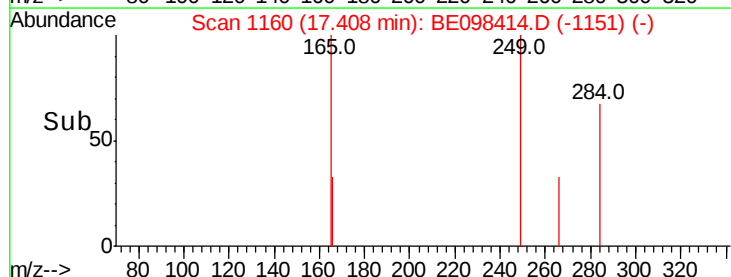
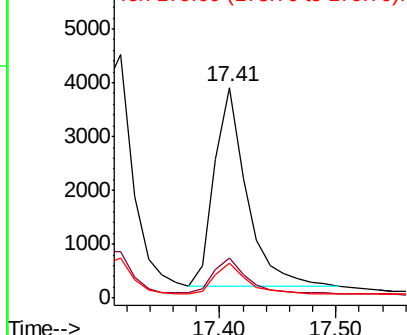
178 100

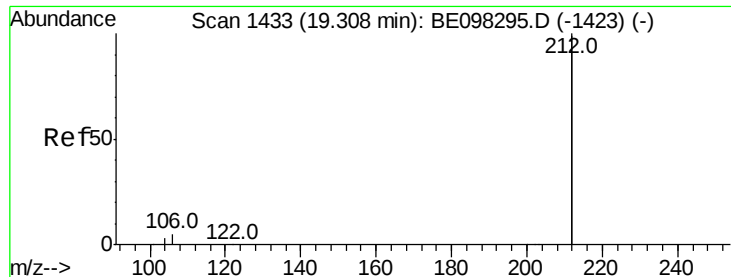
176 19.4 15.0 22.4

179 15.0 12.3 18.5



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: 0.377 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

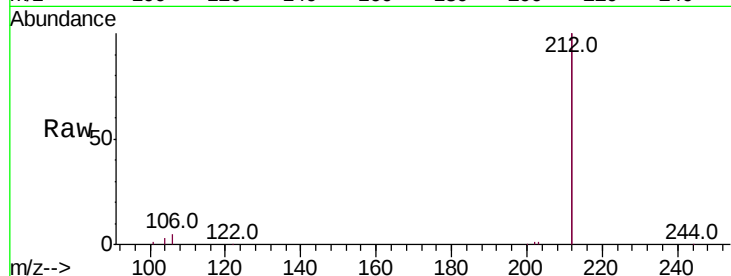
Tot Ion:212 Resp: 46867

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

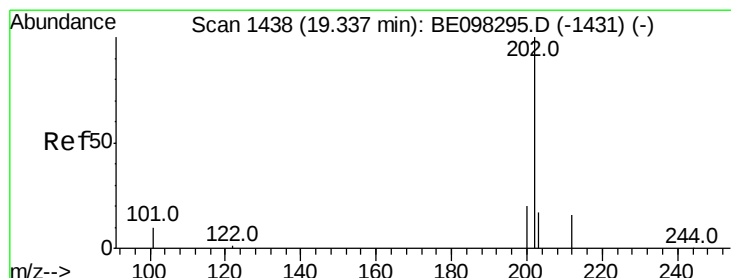
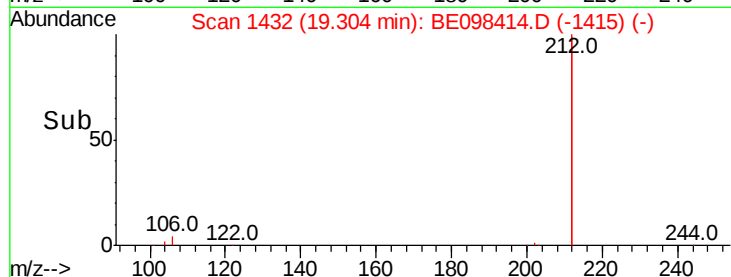
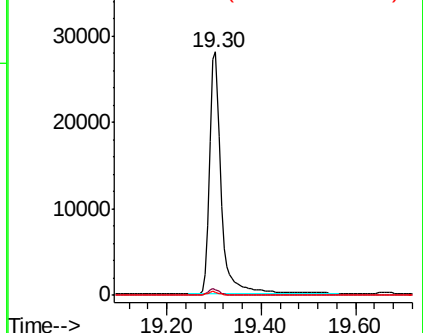
104 1.5 1.3 1.9



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: 0.389 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

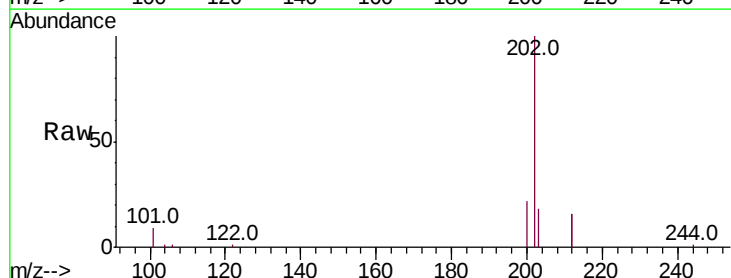
Tgt Ion:202 Resp: 12095

Ion Ratio Lower Upper

202 100

101 9.4 8.0 12.0

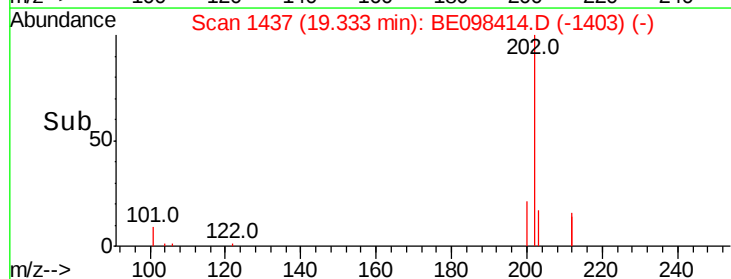
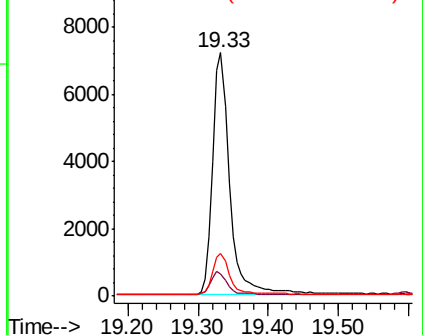
203 16.8 13.8 20.6

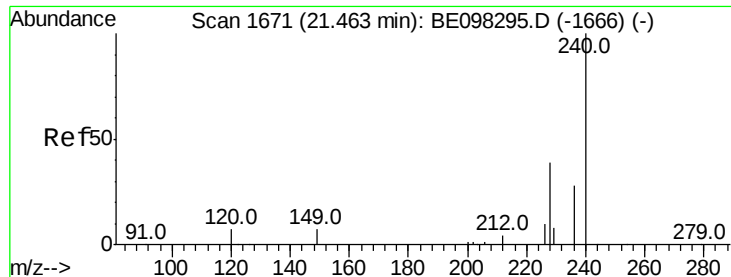


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

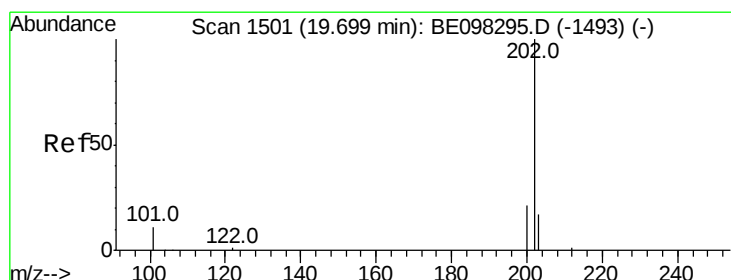
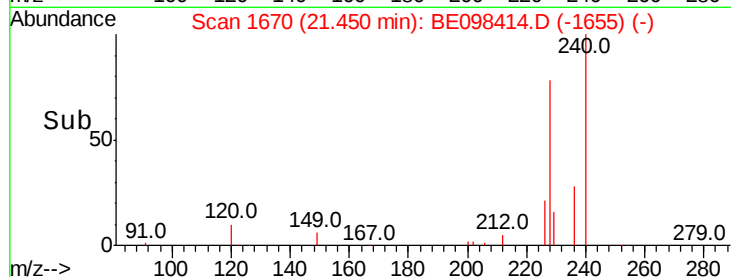
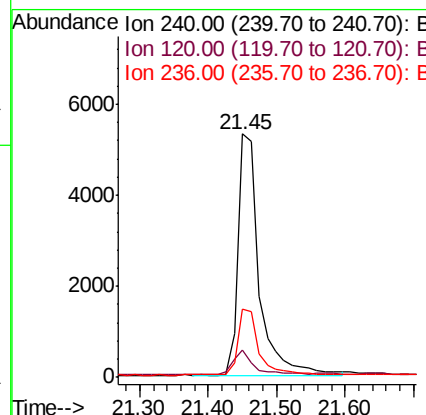
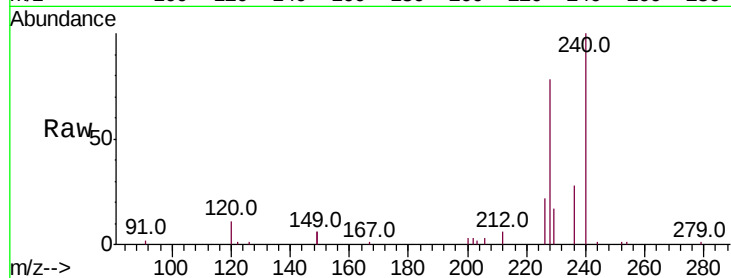




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098414.D
Acq: 14 Dec 2018 1:44

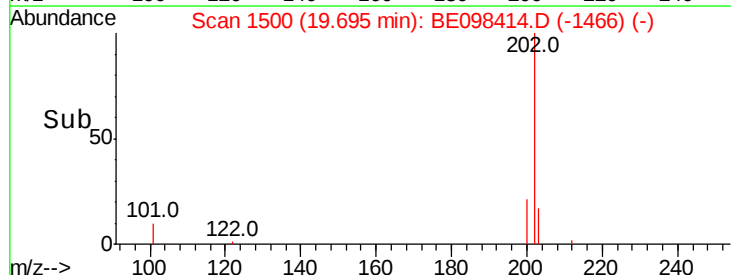
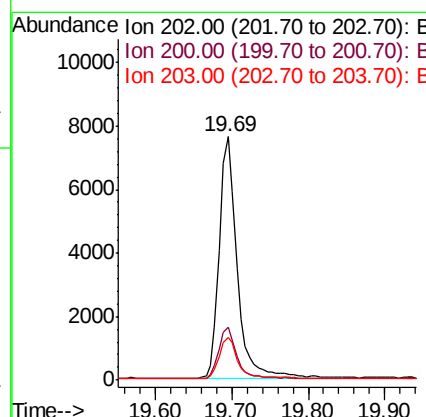
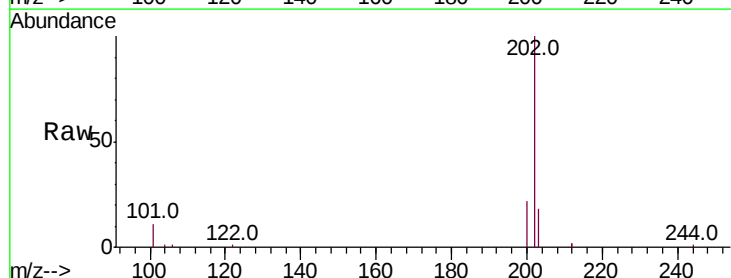
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

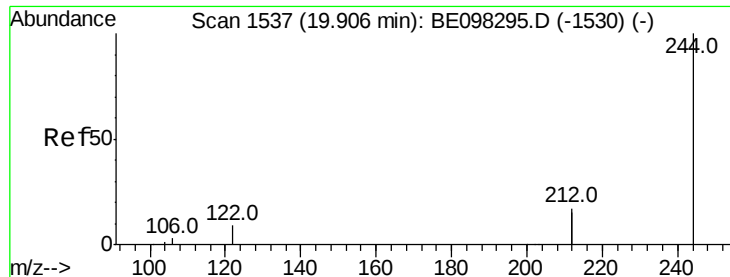
Tot Ion:240 Resp: 11409
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 28.3 22.7 34.1



#28
Pyrene
Concen: 0.347 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE098414.D
Acq: 14 Dec 2018 1:44

Tgt Ion:202 Resp: 12418
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 0.318 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

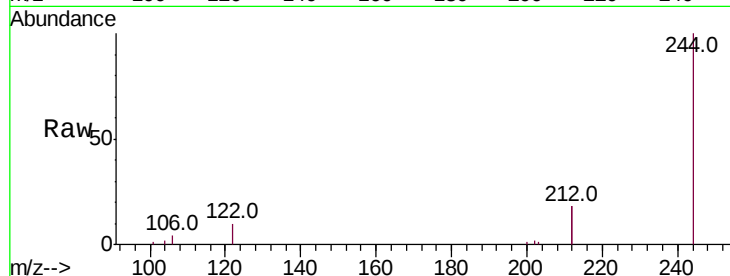
Tot Ion:244 Resp: 8816

Ion Ratio Lower Upper

244 100

212 36.1 27.4 41.0

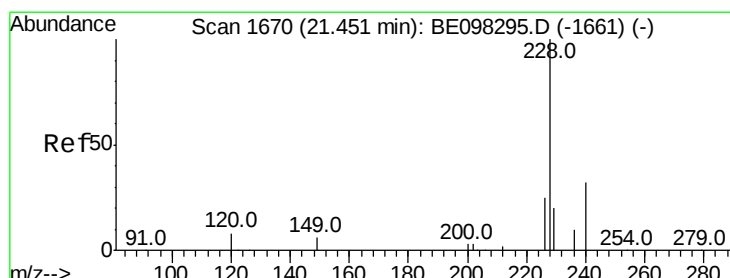
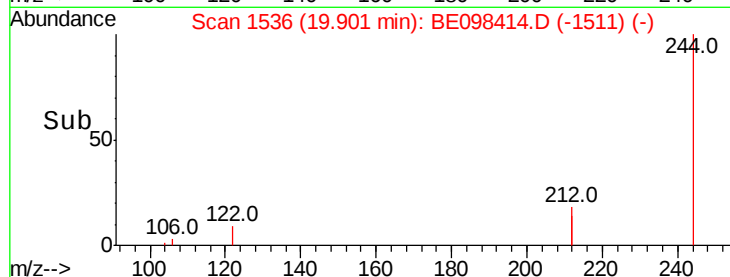
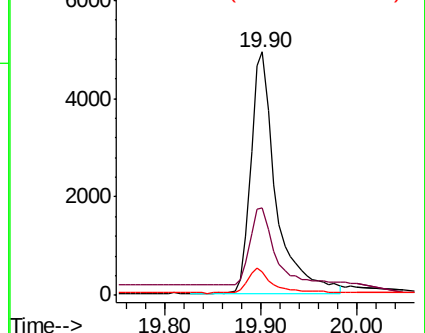
122 9.8 8.3 12.5



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: 0.366 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

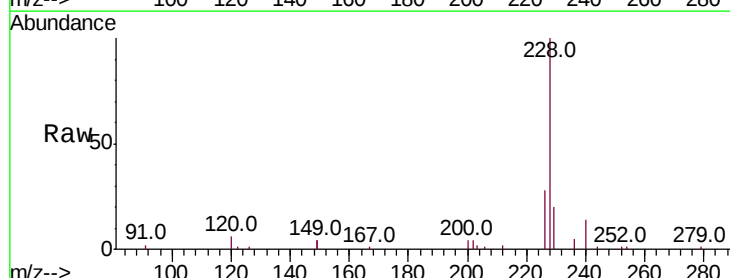
Tgt Ion:228 Resp: 11891

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

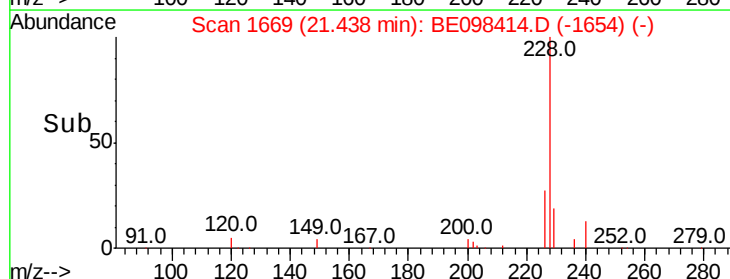
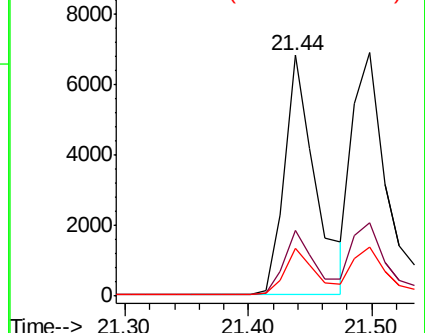
229 19.8 16.3 24.5

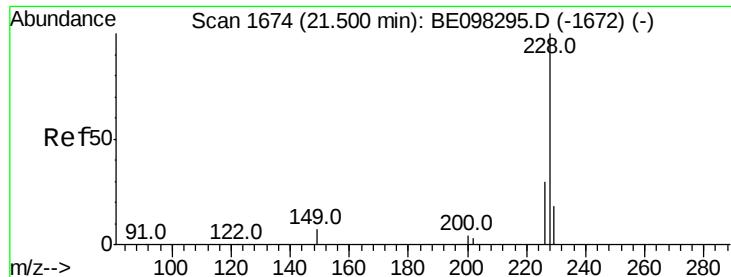


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.373 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

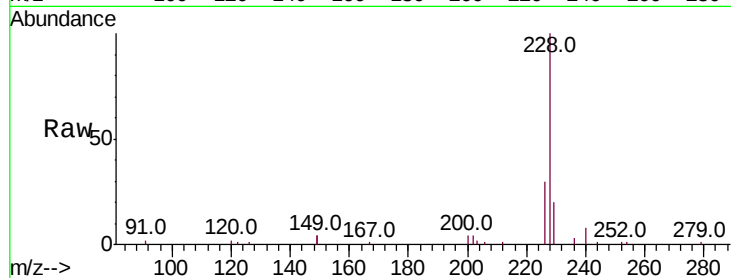
Tot Ion:228 Resp: 12680

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

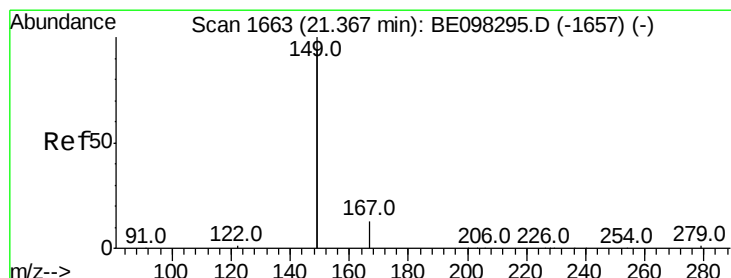
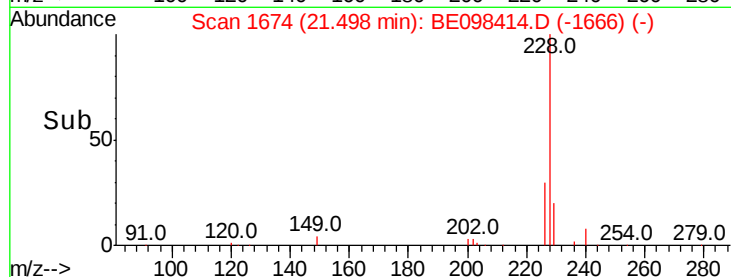
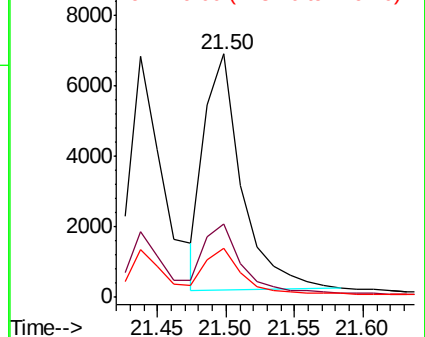
229 20.2 16.2 24.4



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: 0.291 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

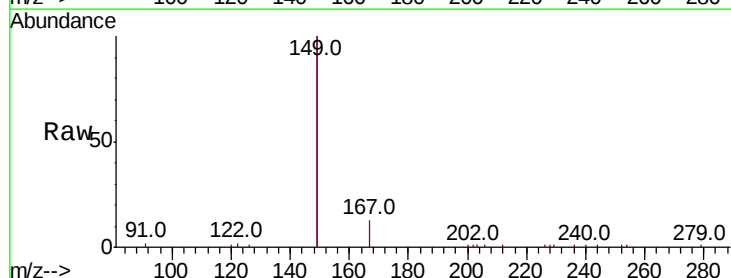
Tgt Ion:149 Resp: 19171

Ion Ratio Lower Upper

149 100

167 7.0 5.7 8.5

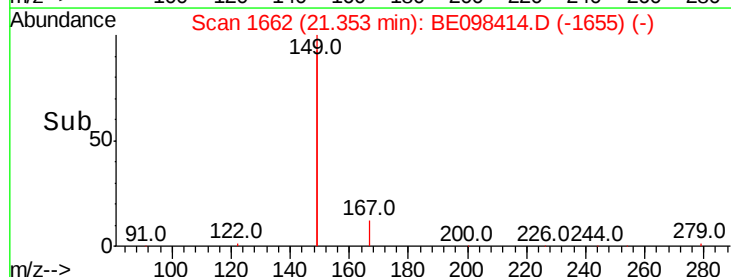
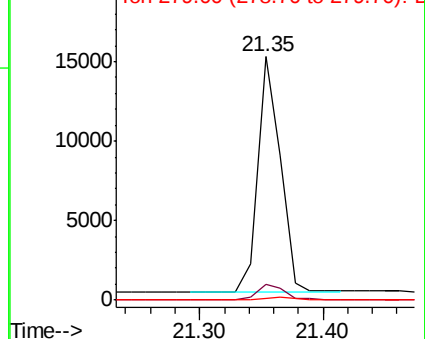
279 1.0 1.0 1.4

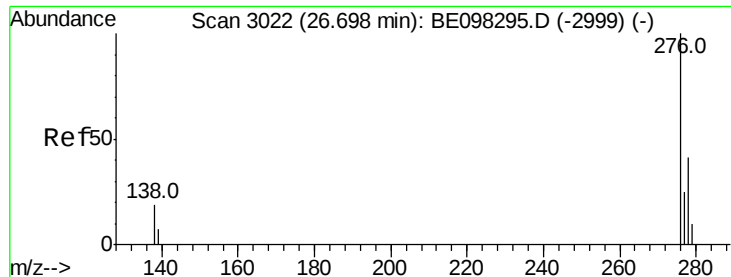


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.395 ng

RT: 26.69 min Scan# 3019

Delta R.T. -0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

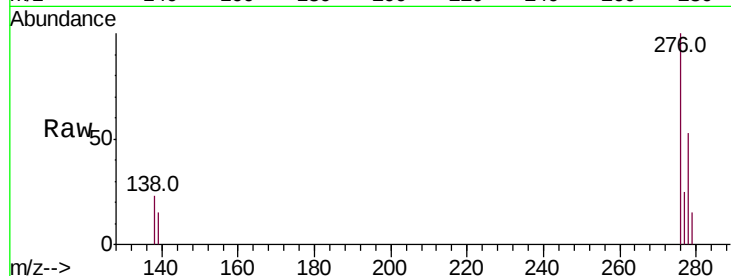
Tot Ion:276 Resp: 13380

Ion Ratio Lower Upper

276 100

138 22.8 16.3 24.5

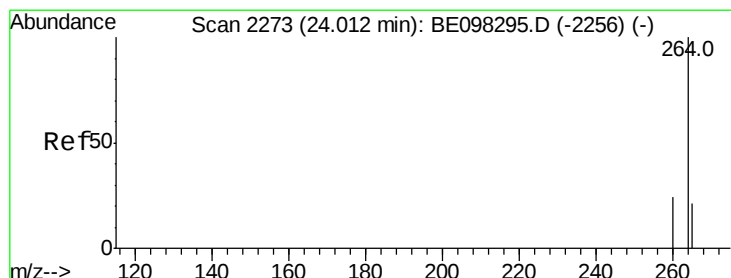
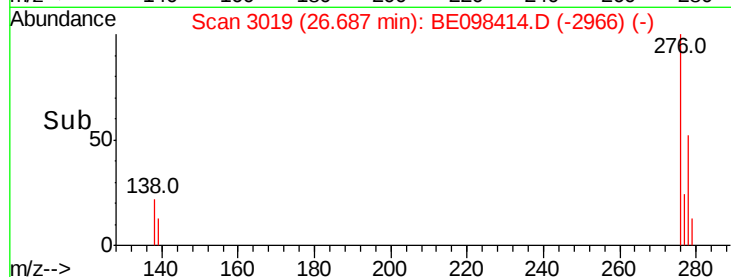
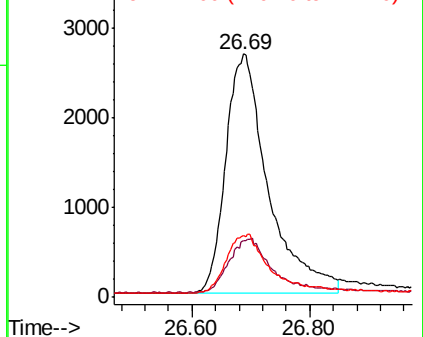
277 24.7 20.2 30.4



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: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

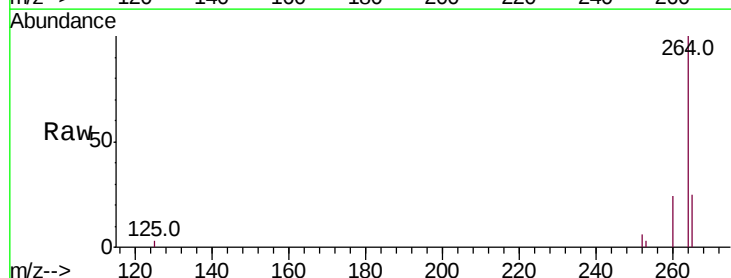
Tgt Ion:264 Resp: 10953

Ion Ratio Lower Upper

264 100

260 24.4 20.2 30.2

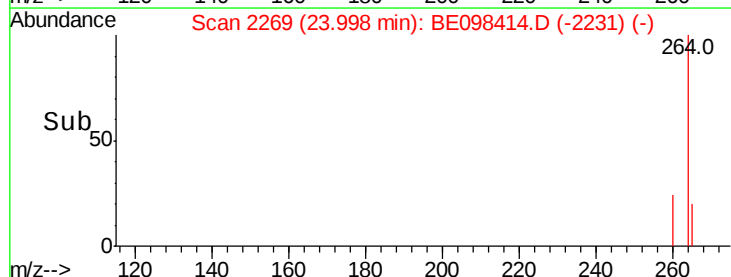
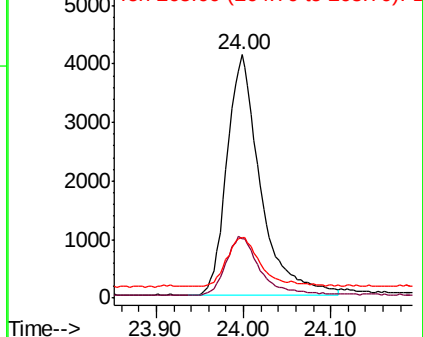
265 24.6 25.2 37.8#

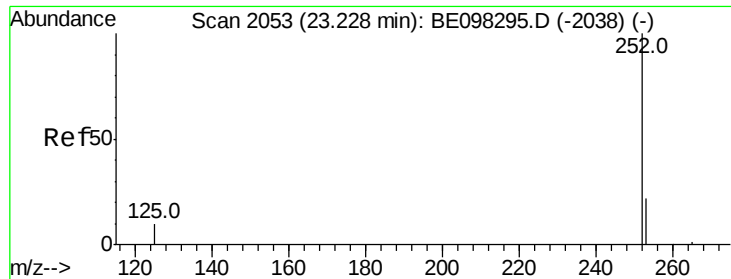


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.393 ng

RT: 23.22 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

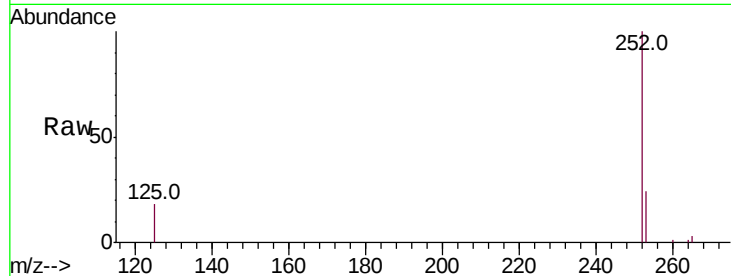
Tot Ion:252 Resp: 11785

Ion Ratio Lower Upper

252 100

253 23.9 20.0 30.0

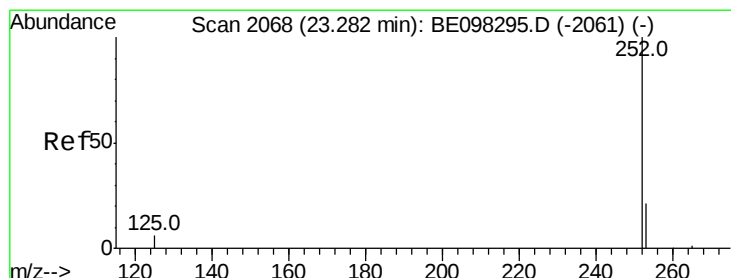
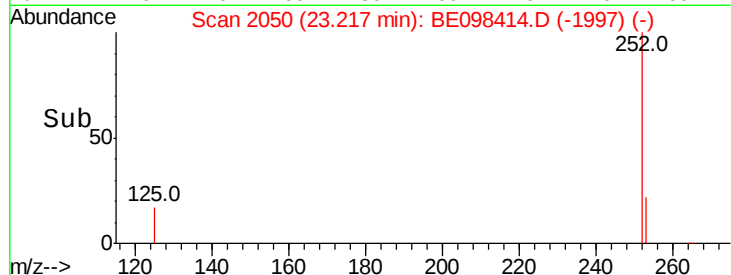
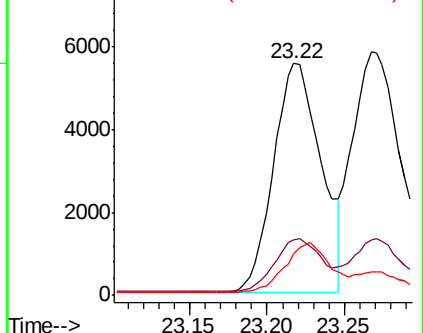
125 17.8 9.6 14.4#



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



#36

Benzo(k)fluoranthene

Concen: 0.421 ng

RT: 23.27 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

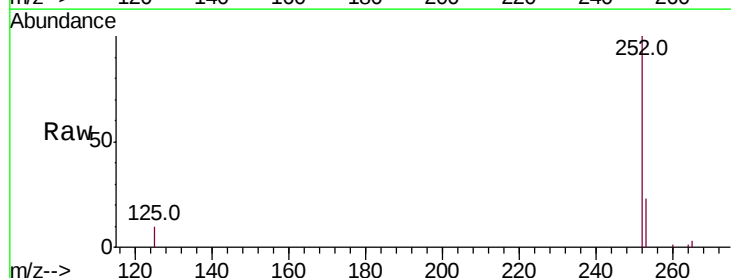
Tgt Ion:252 Resp: 14701

Ion Ratio Lower Upper

252 100

253 22.6 19.0 28.6

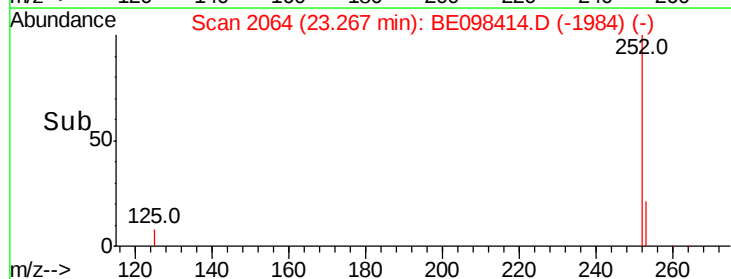
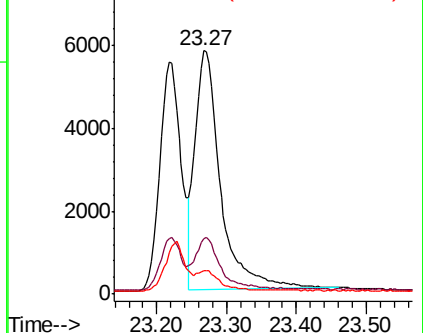
125 9.6 9.1 13.7

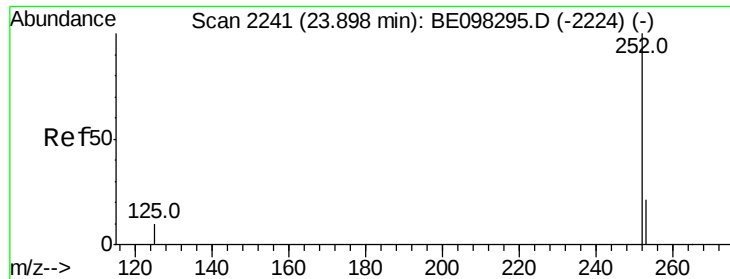


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.88 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

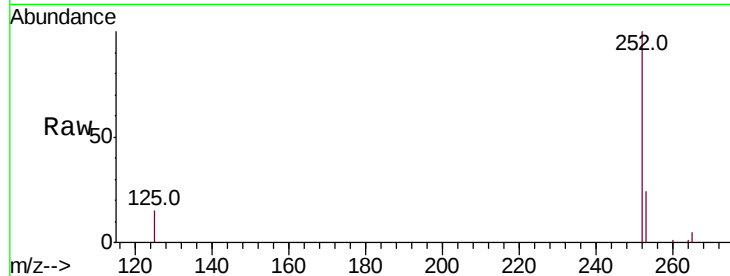
Tot Ion:252 Resp: 12196

Ion Ratio Lower Upper

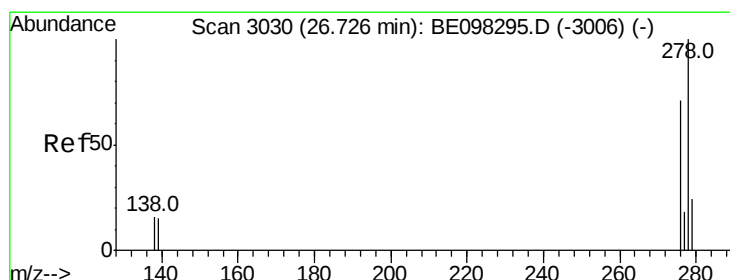
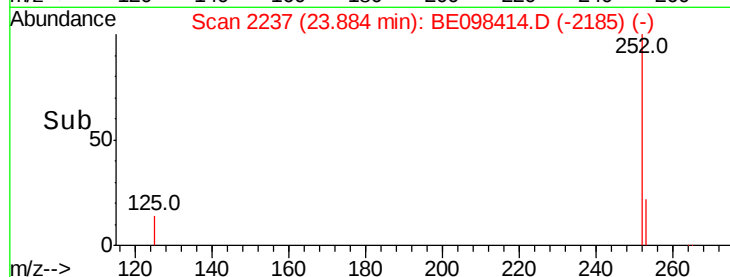
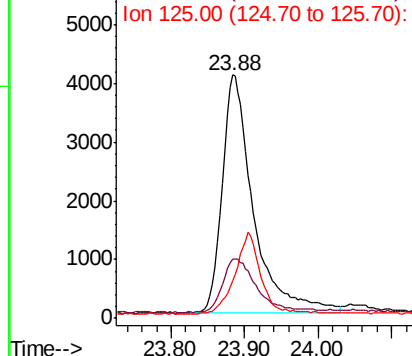
252 100

253 24.4 20.6 30.8

125 15.5 10.5 15.7



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: 0.372 ng

RT: 26.71 min Scan# 3026

Delta R.T. -0.01 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

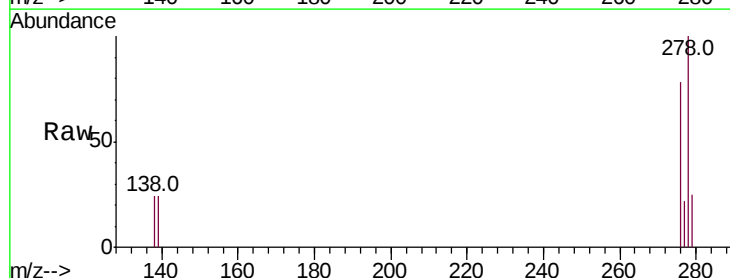
Tgt Ion:278 Resp: 10830

Ion Ratio Lower Upper

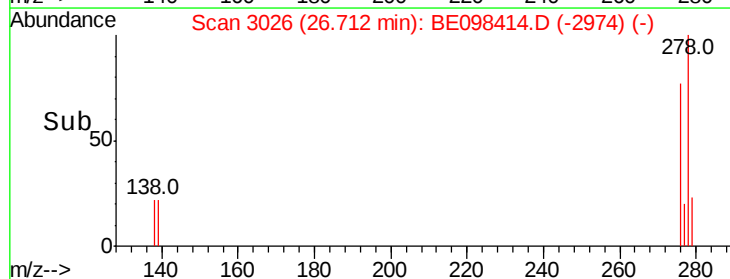
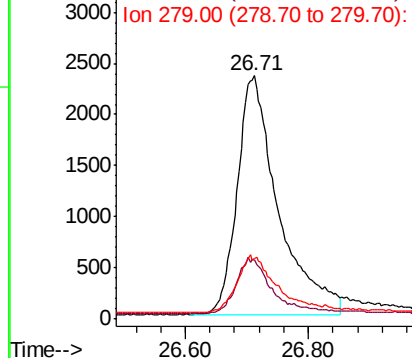
278 100

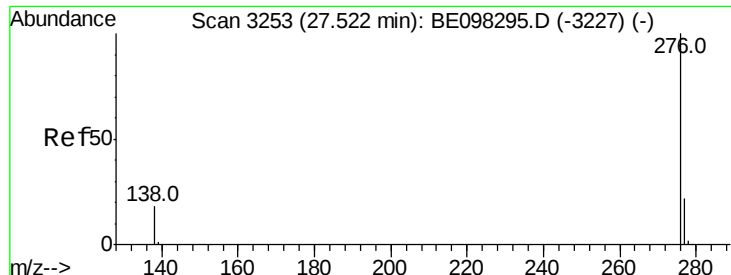
139 24.1 14.5 21.7#

279 25.0 21.8 32.8



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: 0.390 ng

RT: 27.50 min Scan# 3248

Delta R.T. -0.02 min

Lab File: BE098414.D

Acq: 14 Dec 2018 1:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

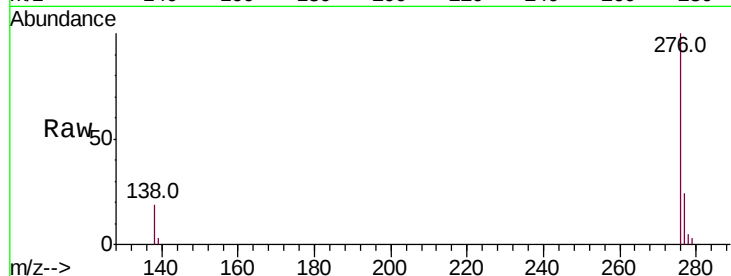
Tot Ion:276 Resp: 11439

Ion Ratio Lower Upper

276 100

277 23.6 20.8 31.2

138 18.9 15.8 23.6



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

