

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\
 Data File : BE098485.D
 Acq On : 15 Dec 2018 23:09
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 16 02:35:49 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	710	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3017	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	1942	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5184	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	5942	0.40	ng	0.00
34) Perylene-d12	24.00	264	5631	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	753	0.45	ng	0.00
5) Phenol-d6	7.05	99	980	0.42	ng	0.00
8) Nitrobenzene-d5	9.03	82	998	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	1990	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	282	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3298	0.40	ng	0.00
25) Fluoranthene-d10	19.30	212	27242	0.41	ng	0.00
29) Terphenyl-d14	19.91	244	4787	0.33	ng	0.00

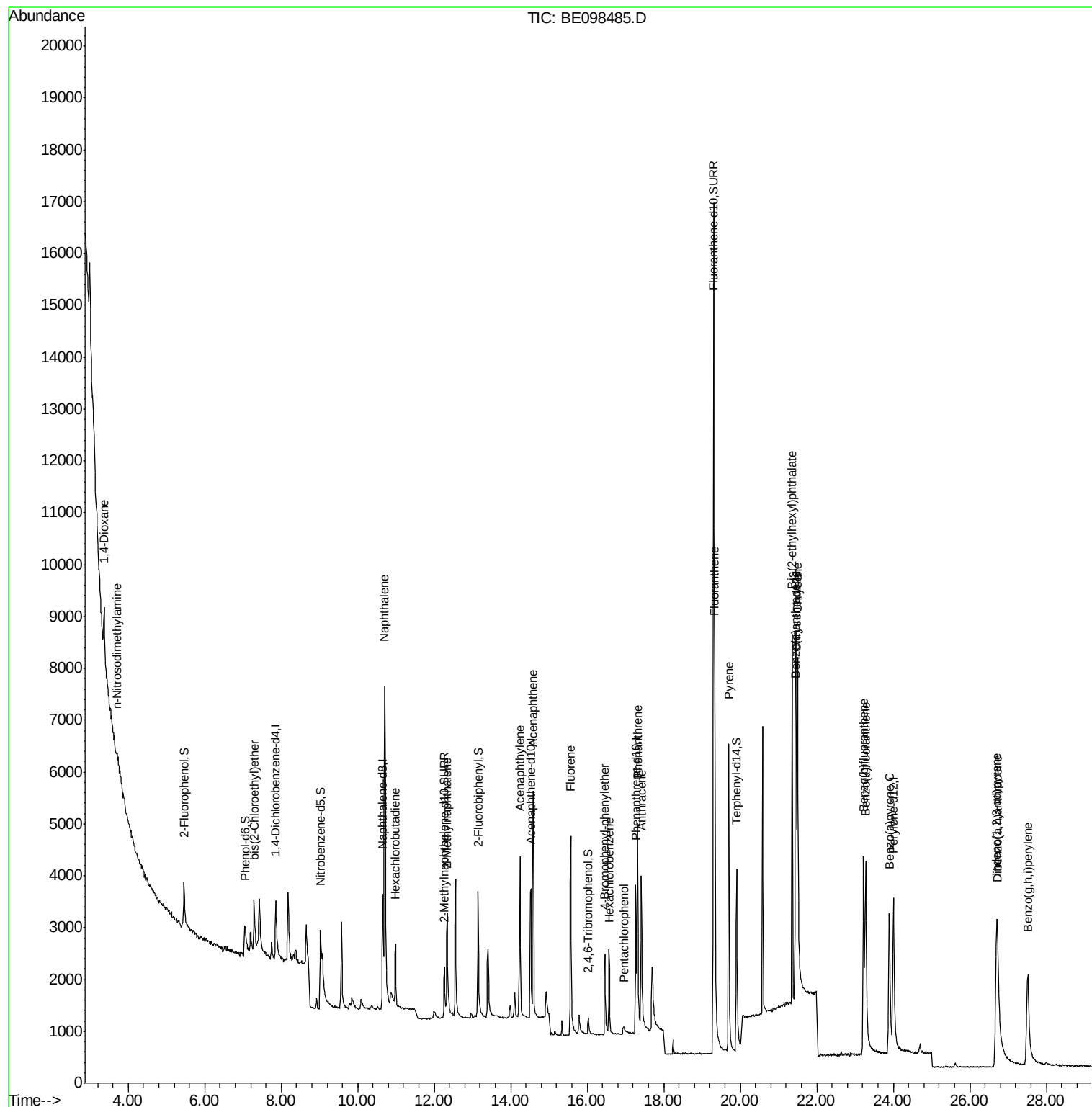
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	427	0.348	ng	# 86
3) n-Nitrosodimethylamine	3.70	42	244	0.221	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	785	0.351	ng	71
9) Naphthalene	10.71	128	12592	0.415	ng	99
10) Hexachlorobutadiene	10.99	225	903	0.467	ng	99
12) 2-Methylnaphthalene	12.34	142	1917	0.389	ng	94
16) Acenaphthylene	14.24	152	3814	0.419	ng	99
17) Acenaphthene	14.59	154	2207	0.404	ng	94
18) Fluorene	15.57	166	3043	0.416	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1041	0.373	ng	# 84
21) Hexachlorobenzene	16.58	284	1310	0.437	ng	95
22) Pentachlorophenol	16.95	266	175	0.368	ng	88
23) Phenanthrene	17.32	178	5079	0.403	ng	99
24) Anthracene	17.41	178	3856	0.343	ng	99
26) Fluoranthene	19.33	202	6915	0.415	ng	98
28) Pyrene	19.70	202	6992	0.375	ng	99
30) Benzo(a)anthracene	21.44	228	6367	0.376	ng	98
31) Chrysene	21.50	228	7093	0.400	ng	97
32) Bis(2-ethylhexyl)phthalate	21.35	149	9012	0.262	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	6566	0.372	ng	99
35) Benzo(b)fluoranthene	23.22	252	6066	0.394	ng	99
36) Benzo(k)fluoranthene	23.28	252	7940	0.443	ng	99
37) Benzo(a)pyrene	23.89	252	6447	0.406	ng	99
38) Dibenzo(a,h)anthracene	26.73	278	5162	0.345	ng	97
39) Benzo(g,h,i)perylene	27.50	276	2158	0.143	ng	98

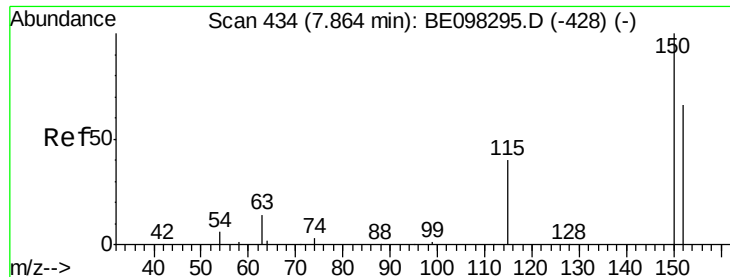
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

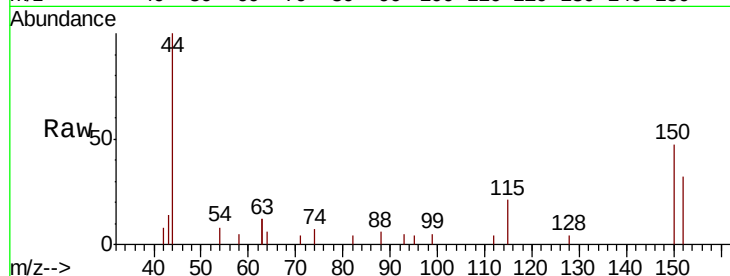
Tgt Ion:152 Resp: 710

Ion Ratio Lower Upper

152 100

150 147.9 124.2 186.4

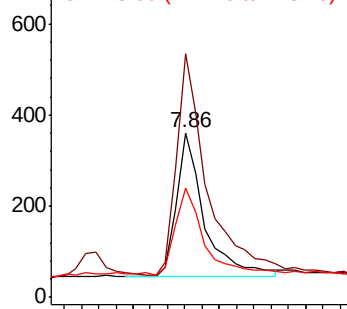
115 66.8 53.9 80.9



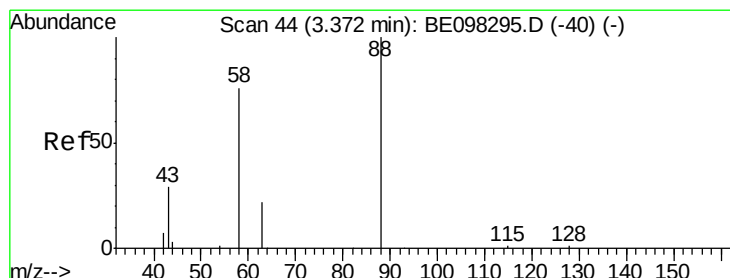
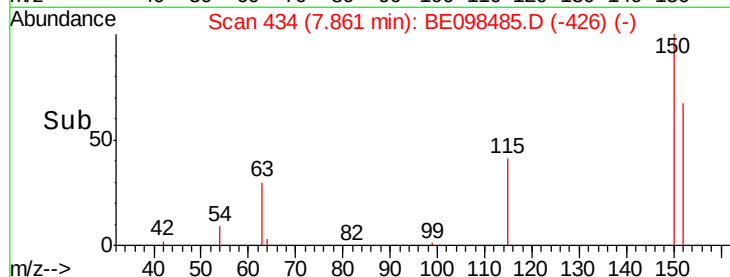
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.348 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

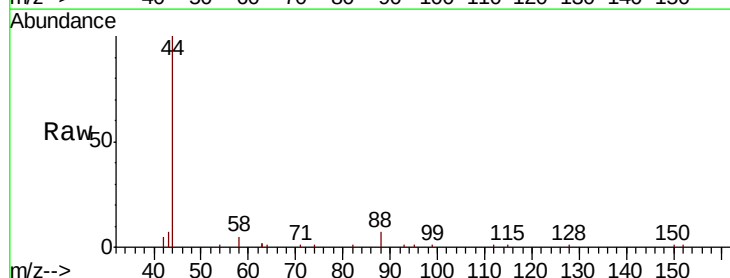
Tgt Ion: 88 Resp: 427

Ion Ratio Lower Upper

88 100

58 95.1 75.0 112.6

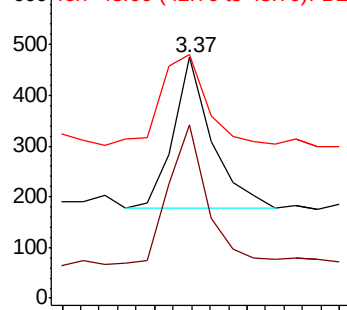
43 73.3 38.3 57.5#



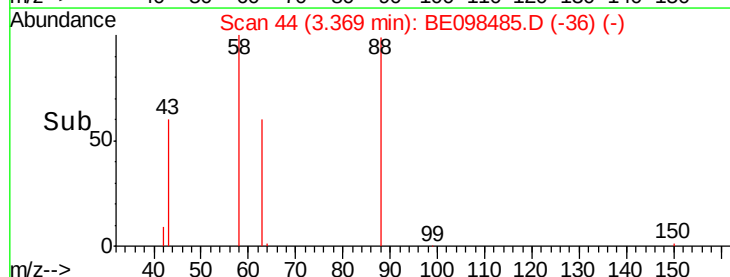
Abundance Ion 88.00 (87.70 to 88.70): BE0

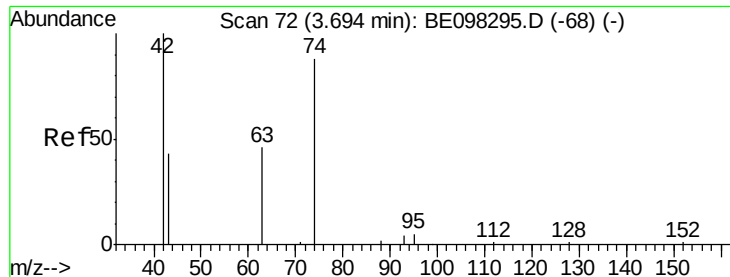
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.221 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

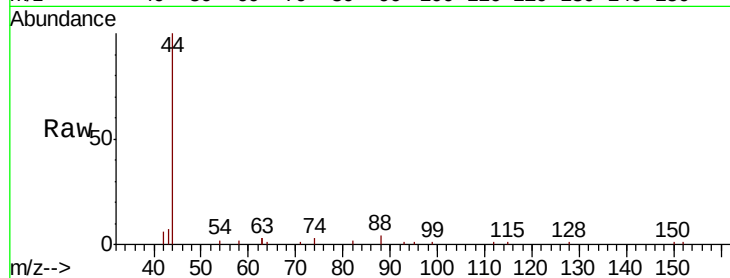
Tgt Ion: 42 Resp: 244

Ion Ratio Lower Upper

42 100

74 75.4 0.0 0.0#

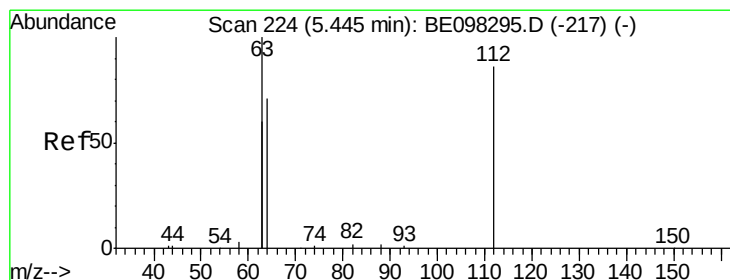
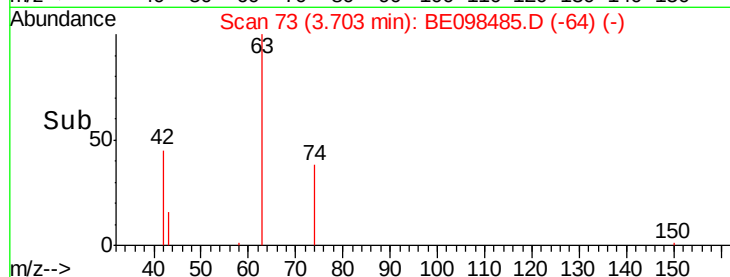
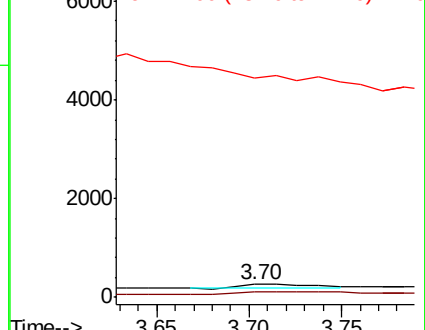
44 0.0 0.0 0.0



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: 0.453 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

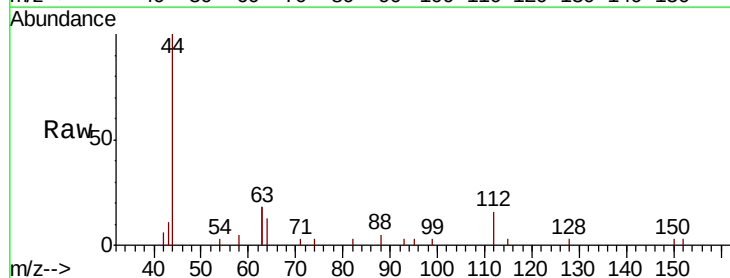
Tgt Ion: 112 Resp: 753

Ion Ratio Lower Upper

112 100

64 70.0 59.8 89.8

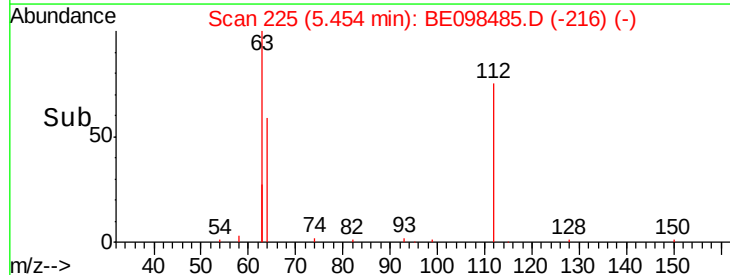
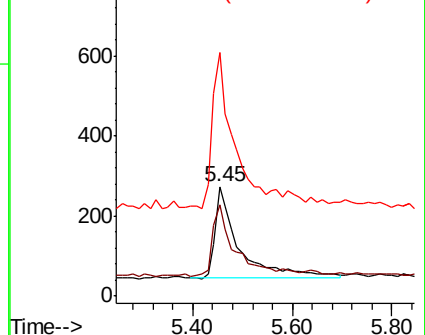
63 149.4 133.7 200.5

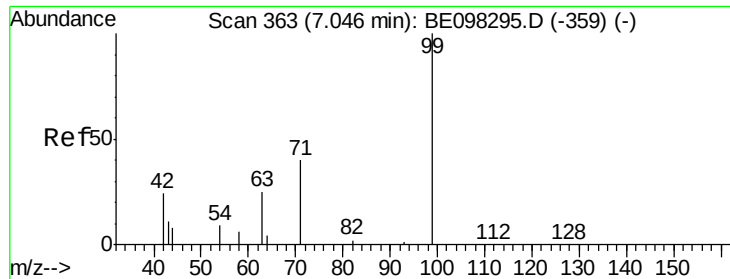


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.416 ng

RT: 7.05 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

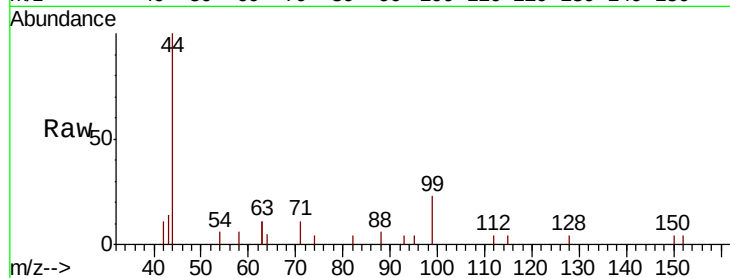
Tgt Ion: 99 Resp: 980

Ion Ratio Lower Upper

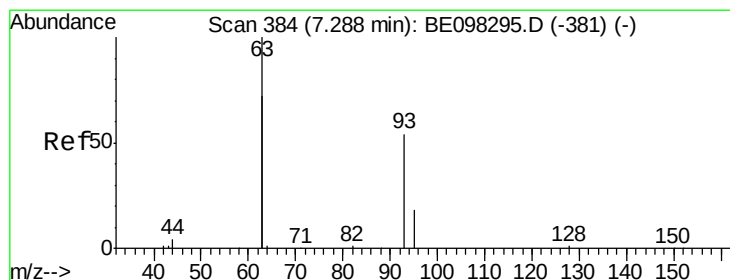
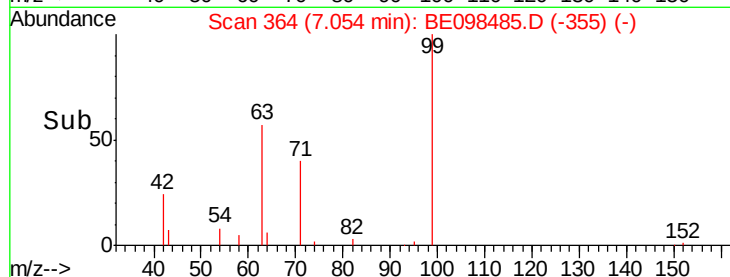
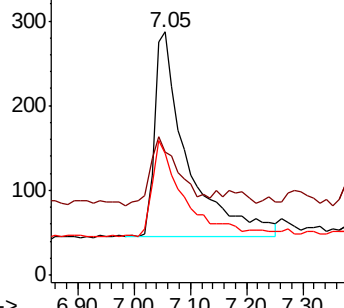
99 100

42 29.7 26.3 39.5

71 45.2 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: 0.351 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

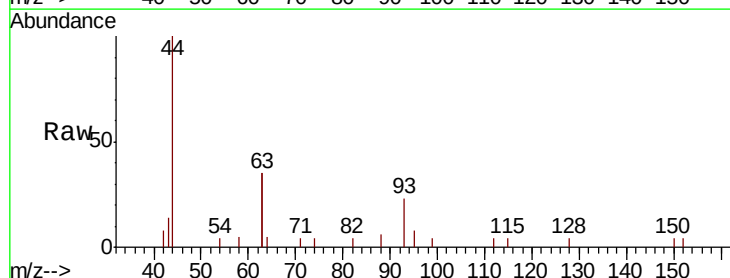
Tgt Ion: 93 Resp: 785

Ion Ratio Lower Upper

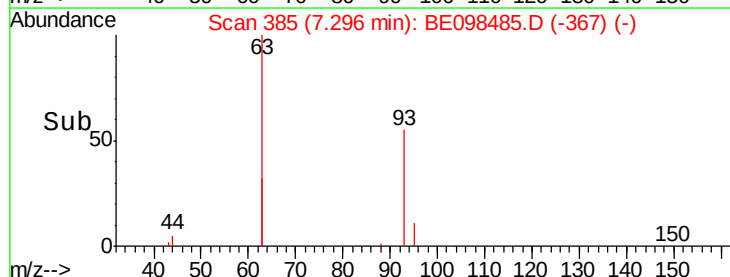
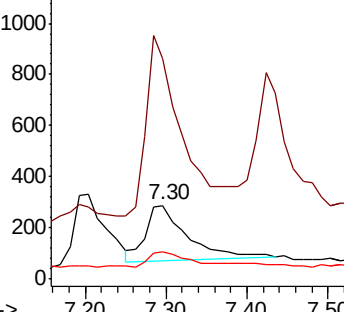
93 100

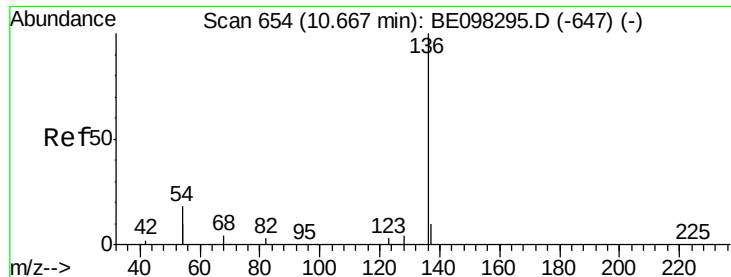
63 265.9 264.4 396.6

95 28.8 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# 654

Delta R.T. -0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 3017

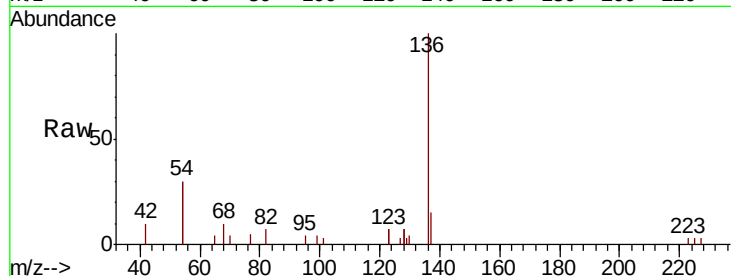
Ion Ratio Lower Upper

136 100

137 14.7 9.2 13.8#

54 59.7 28.4 42.6#

68 9.8 5.4 8.0#

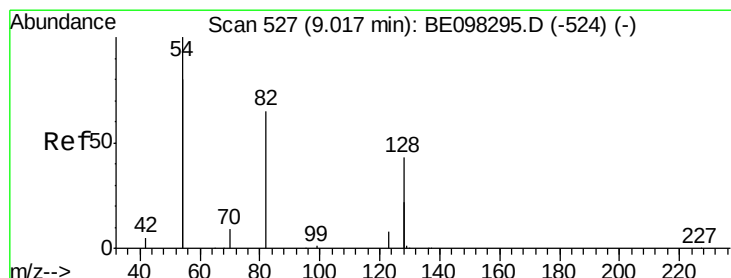
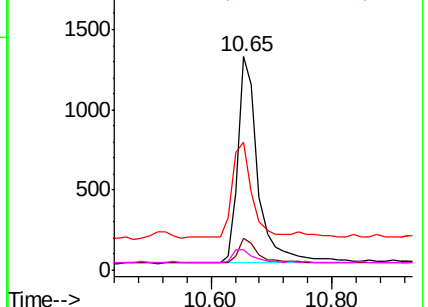
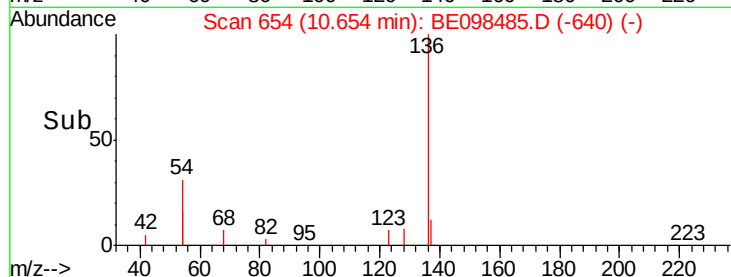


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.363 ng

RT: 9.03 min Scan# 529

Delta R.T. 0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

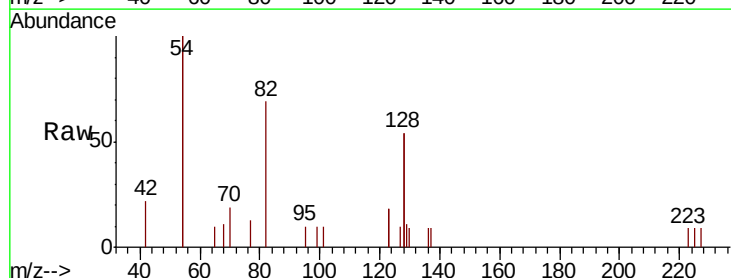
Tgt Ion: 82 Resp: 998

Ion Ratio Lower Upper

82 100

128 155.5 102.4 153.6#

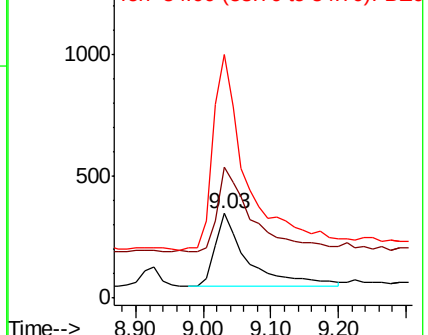
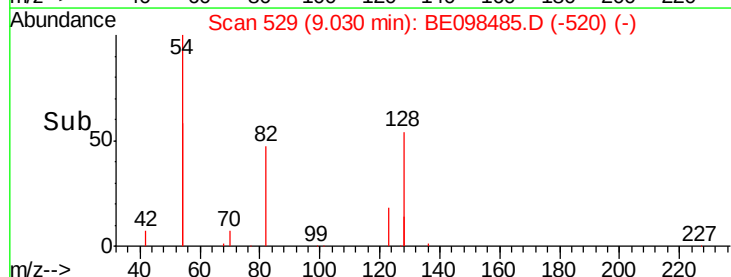
54 288.4 221.8 332.8

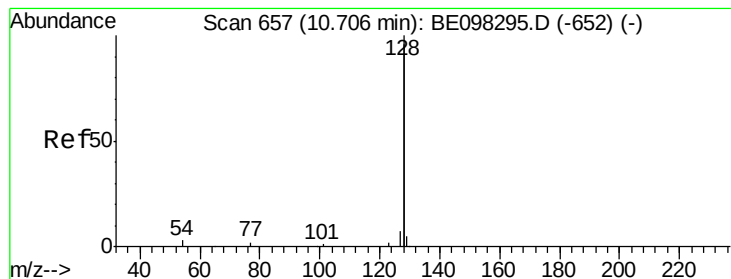


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.415 ng

RT: 10.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

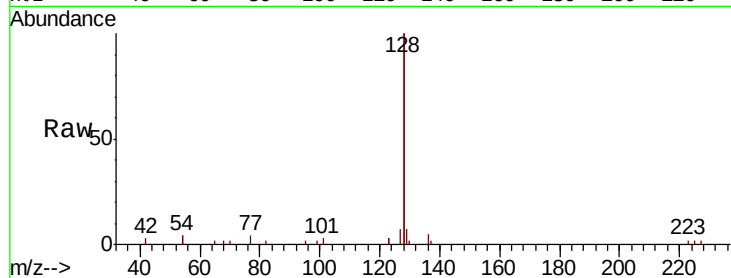
Tgt Ion:128 Resp: 12592

Ion Ratio Lower Upper

128 100

129 3.7 2.5 3.7

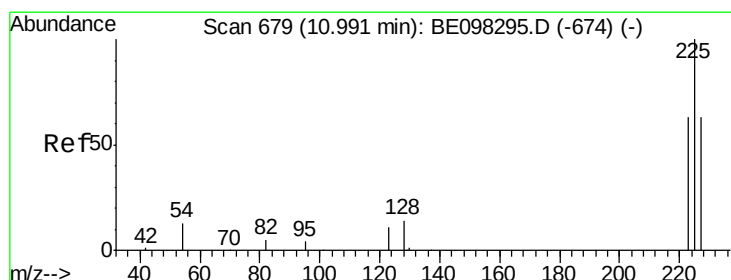
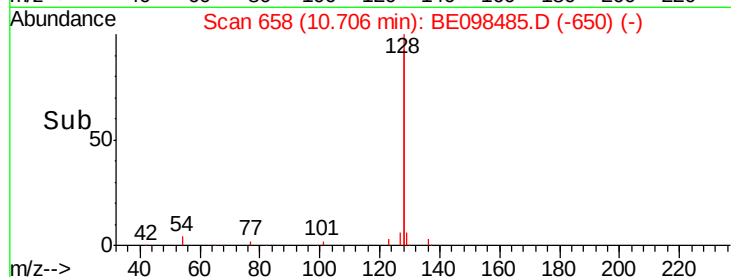
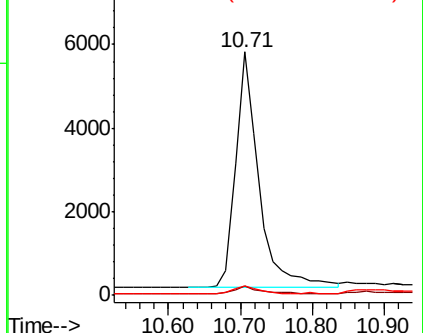
127 3.7 2.7 4.1



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: 0.467 ng

RT: 10.99 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

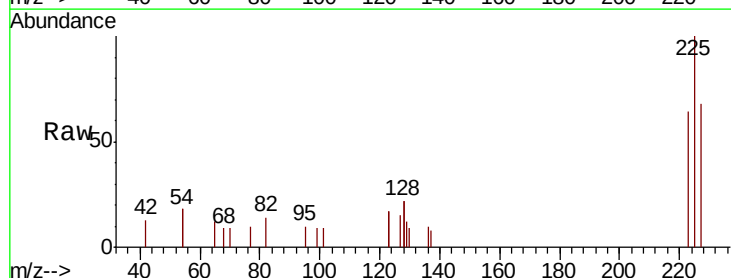
Tgt Ion:225 Resp: 903

Ion Ratio Lower Upper

225 100

223 62.1 49.4 74.0

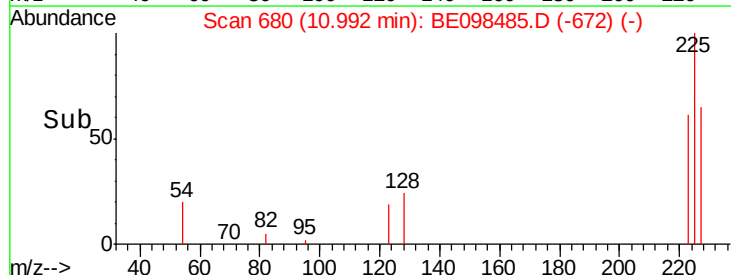
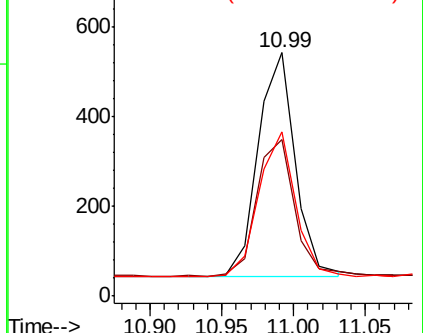
227 64.1 52.0 78.0

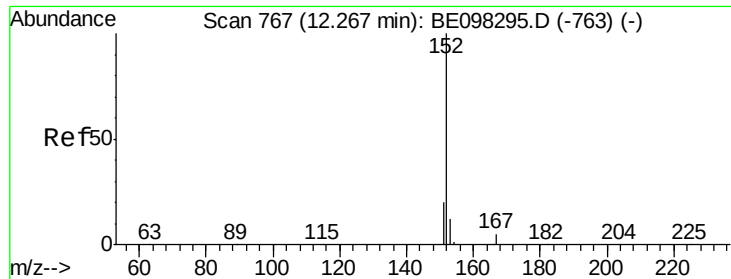


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

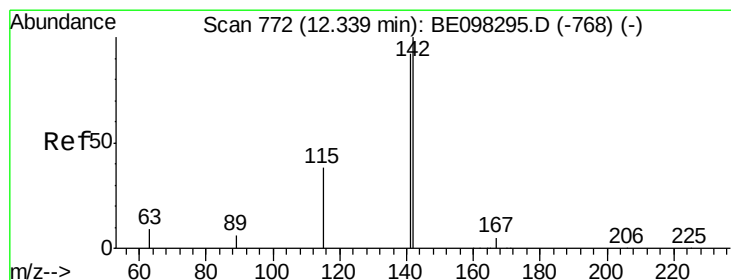
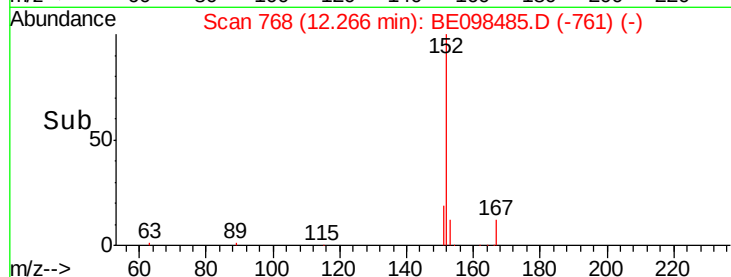
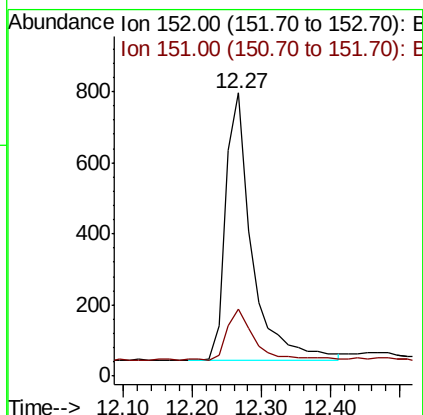
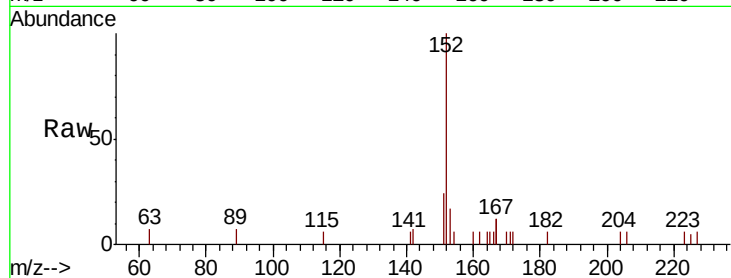




#11
 2-Methylnaphthalene-d10
 Concen: 0.406 ng
 RT: 12.27 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE098485.D
 Acq: 15 Dec 2018 23:09

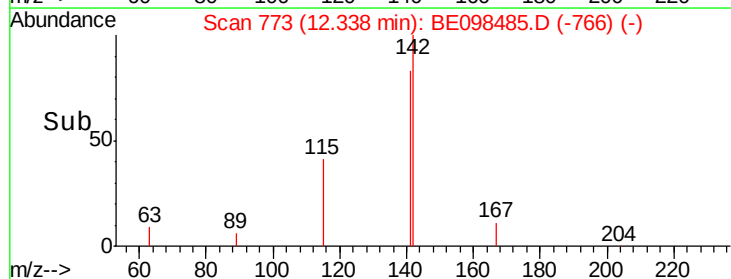
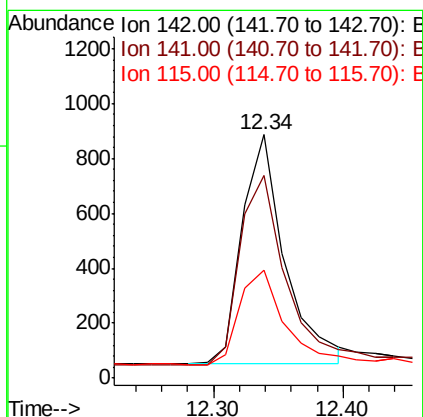
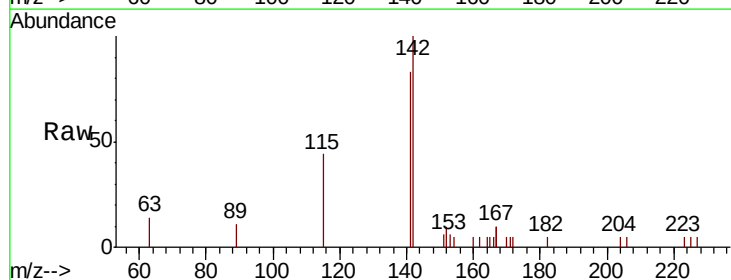
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

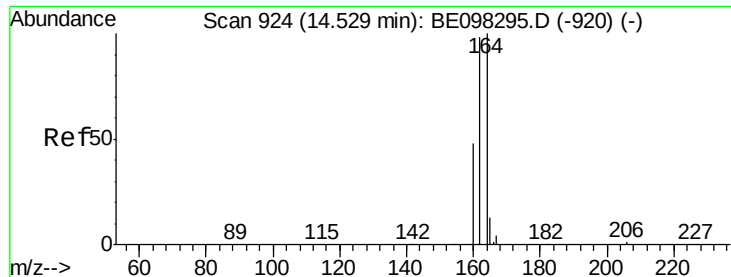
Tgt Ion:152 Resp: 1990
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.389 ng
 RT: 12.34 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BE098485.D
 Acq: 15 Dec 2018 23:09

Tgt Ion:142 Resp: 1917
 Ion Ratio Lower Upper
 142 100
 141 83.2 71.0 106.6
 115 44.1 32.2 48.2

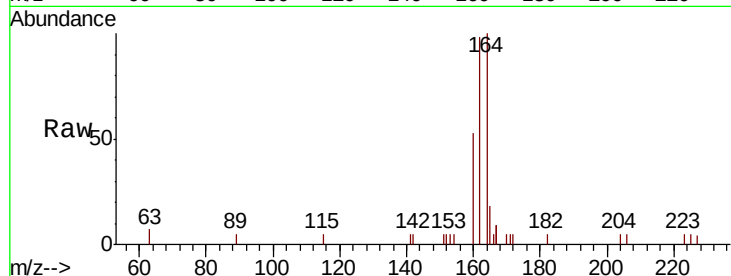




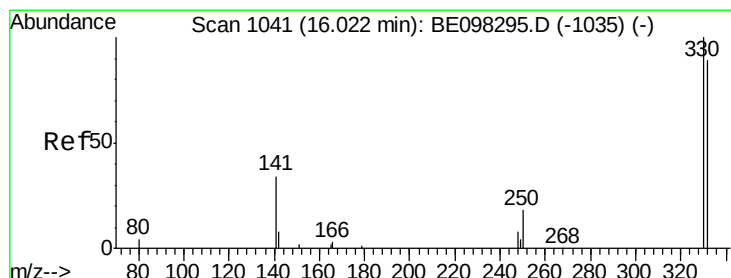
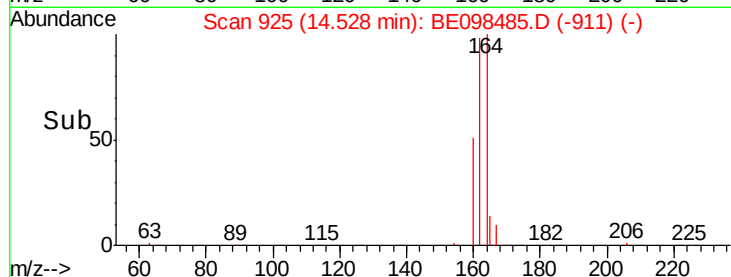
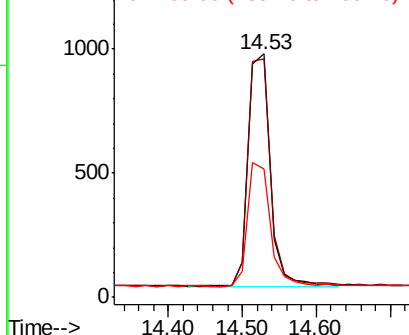
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BE098485.D
 Acq: 15 Dec 2018 23:09

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 1942
 Ion Ratio Lower Upper
 164 100
 162 97.9 77.6 116.4
 160 53.0 36.0 54.0

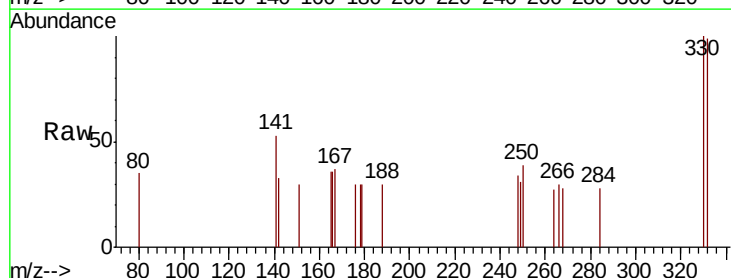


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

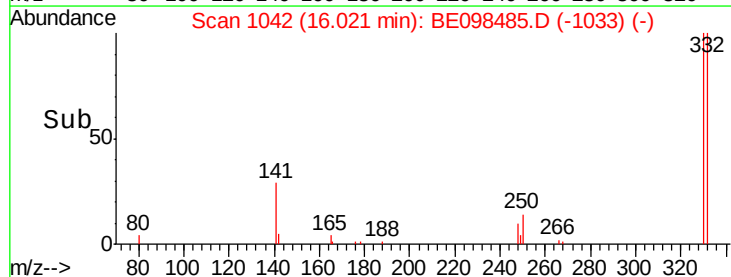
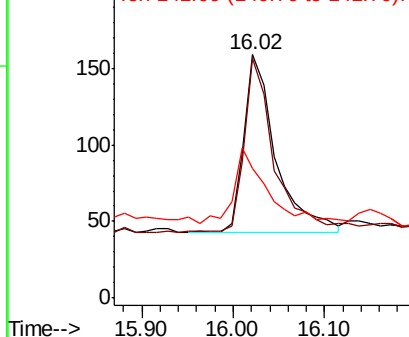


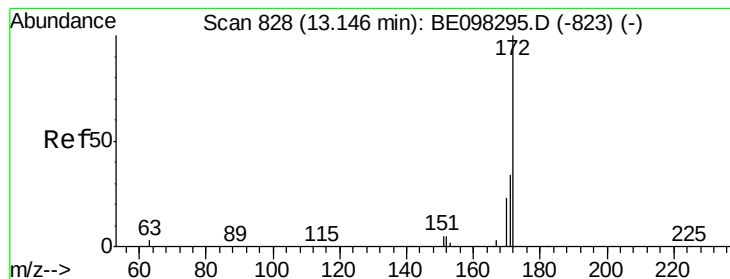
#14
 2,4,6-Tribromophenol
 Concen: 0.396 ng
 RT: 16.02 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE098485.D
 Acq: 15 Dec 2018 23:09

Tgt Ion:330 Resp: 282
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 43.3 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: 0.403 ng

RT: 13.15 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

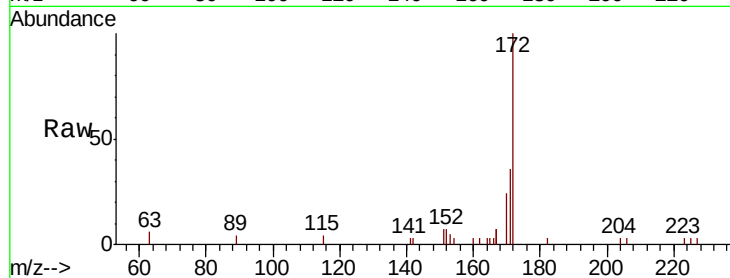
Tgt Ion:172 Resp: 3298

Ion Ratio Lower Upper

172 100

171 35.7 27.5 41.3

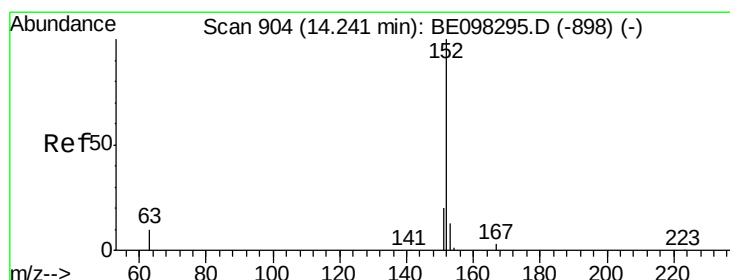
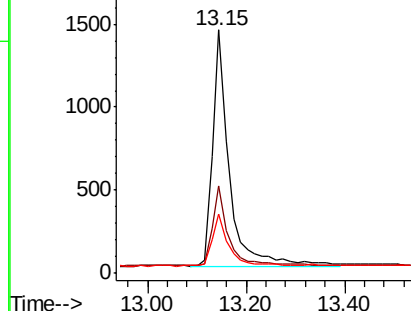
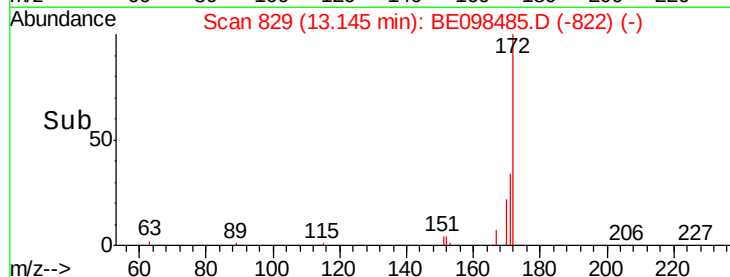
170 24.4 19.6 29.4



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: 0.419 ng

RT: 14.24 min Scan# 905

Delta R.T. -0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

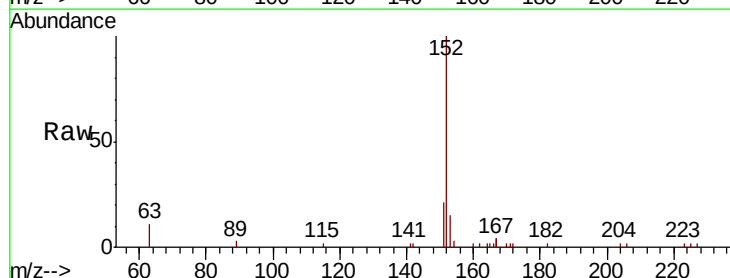
Tgt Ion:152 Resp: 3814

Ion Ratio Lower Upper

152 100

151 19.3 15.5 23.3

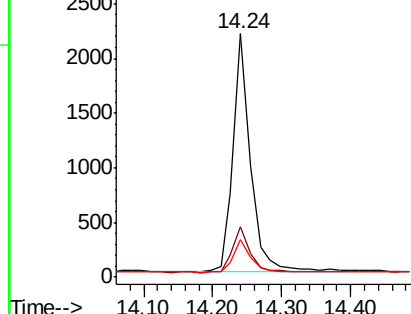
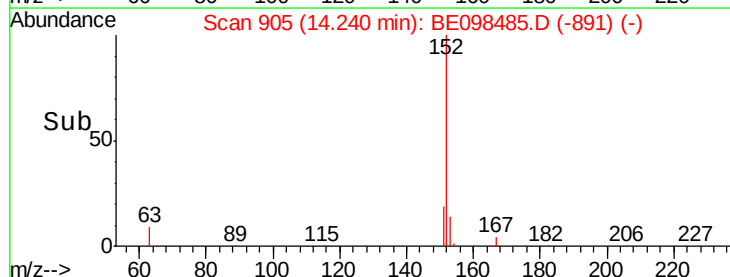
153 14.2 10.6 16.0

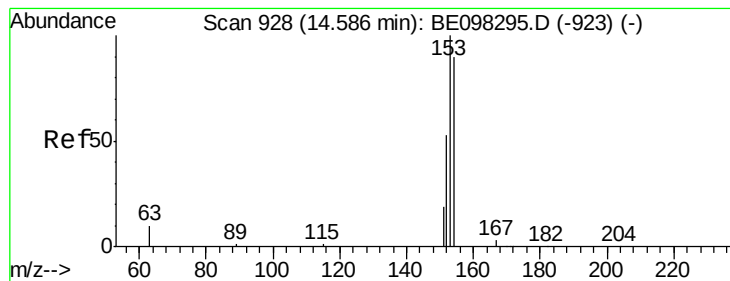


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.59 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

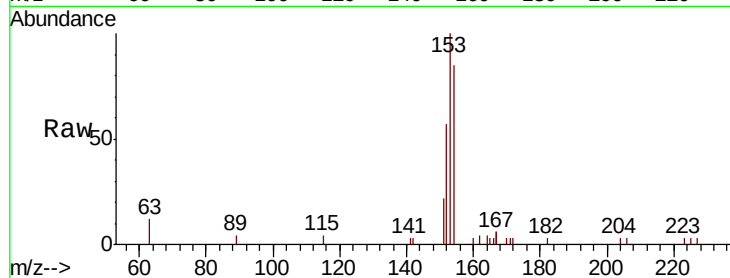
Tgt Ion:154 Resp: 2207

Ion Ratio Lower Upper

154 100

153 118.2 91.8 137.6

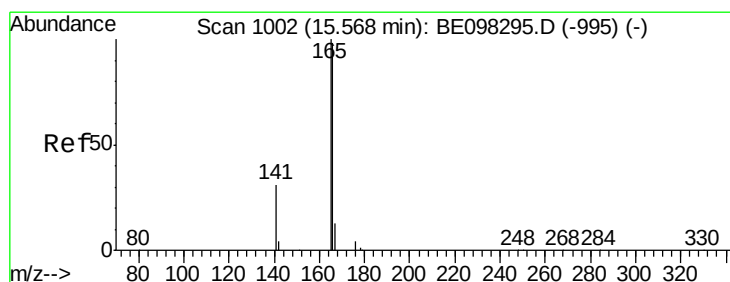
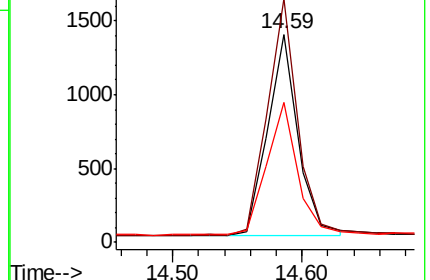
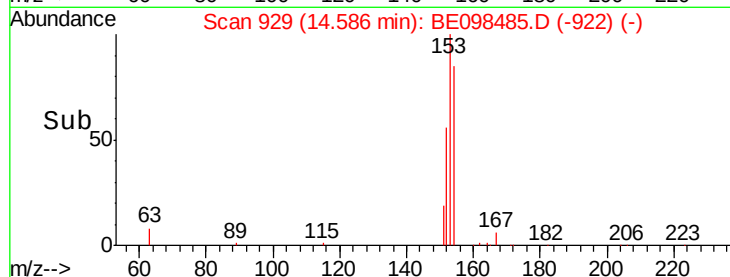
152 66.4 45.5 68.3



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: 0.416 ng

RT: 15.57 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

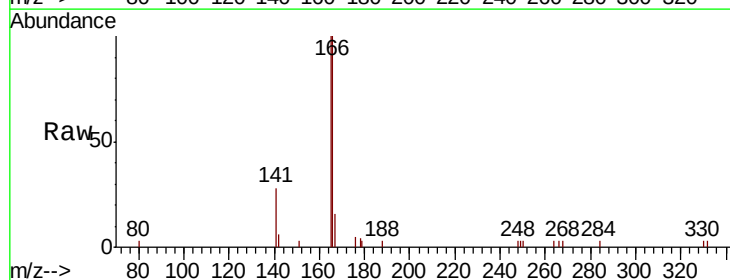
Tgt Ion:166 Resp: 3043

Ion Ratio Lower Upper

166 100

165 100.5 79.3 118.9

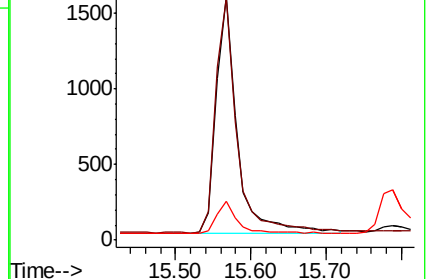
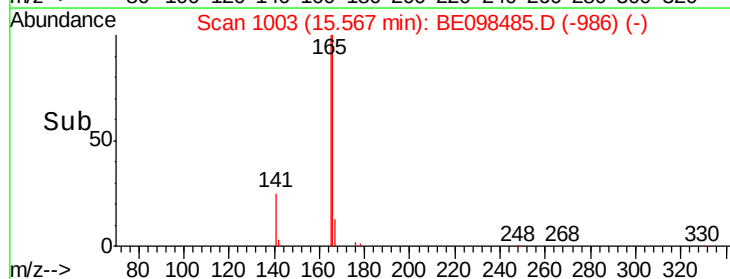
167 13.6 11.3 16.9

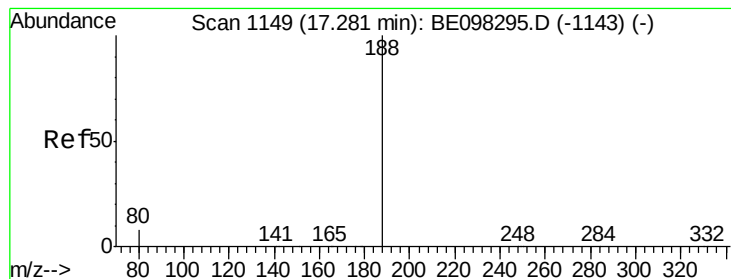


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1149

Delta R.T. -0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

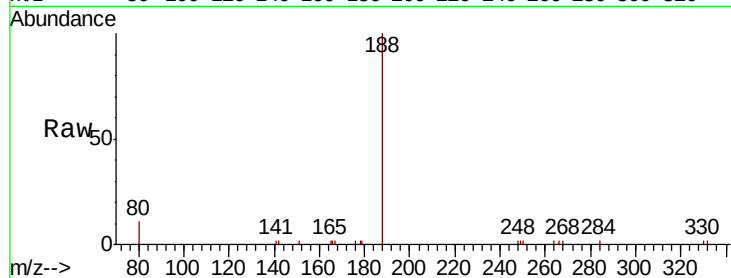
Tgt Ion:188 Resp: 5184

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

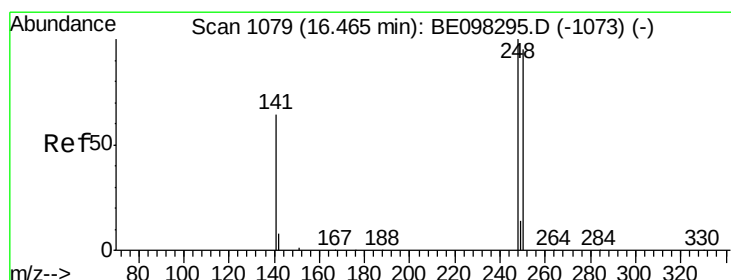
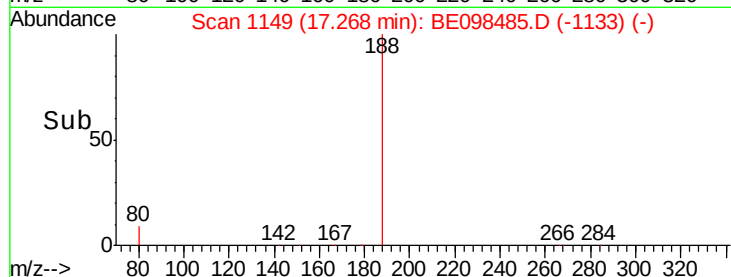
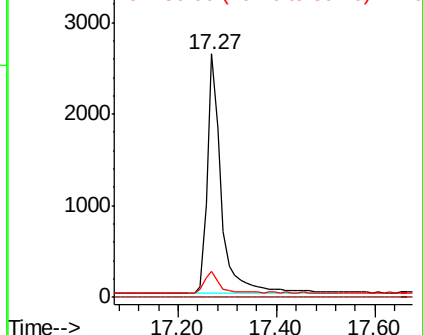
80 10.6 7.2 10.8



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: 0.373 ng

RT: 16.46 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

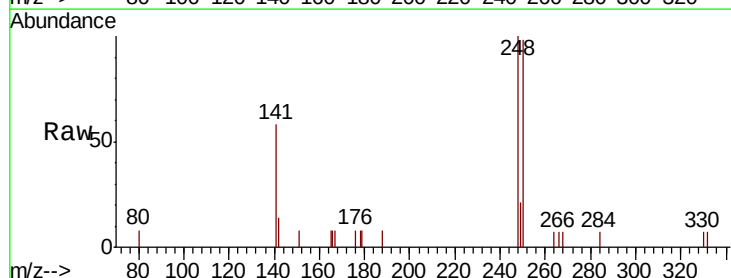
Tgt Ion:248 Resp: 1041

Ion Ratio Lower Upper

248 100

250 97.6 71.0 106.6

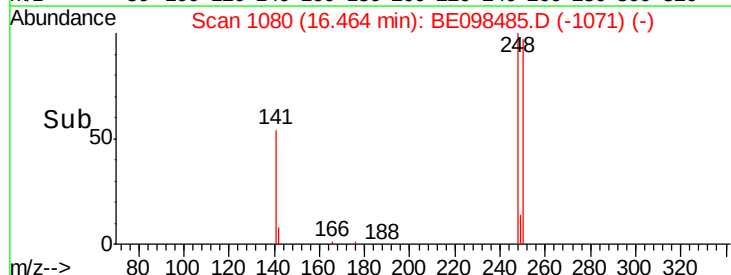
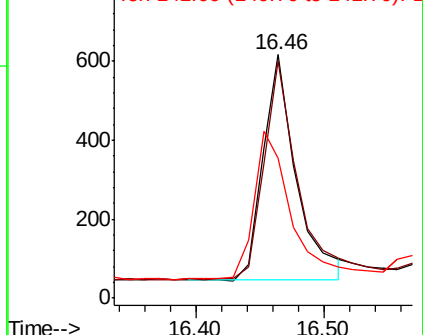
141 57.7 62.1 93.1#

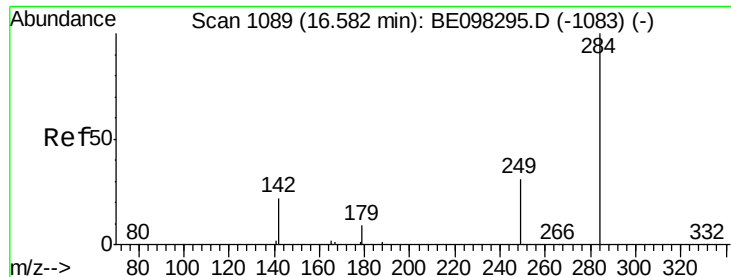


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

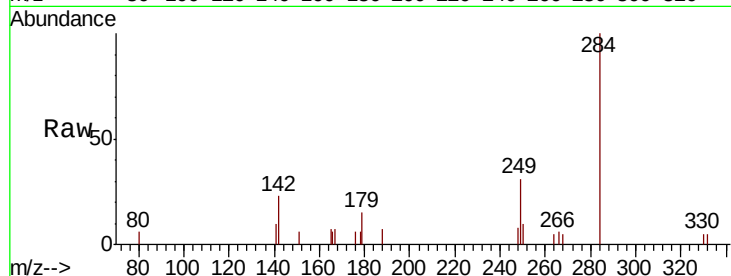




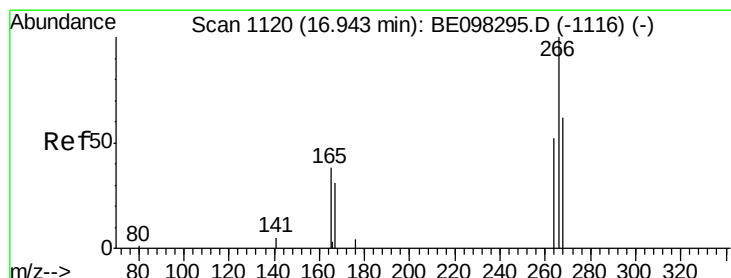
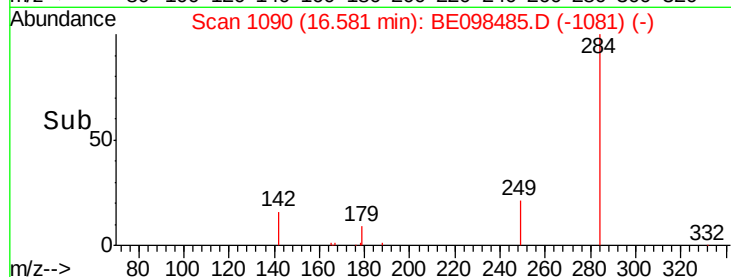
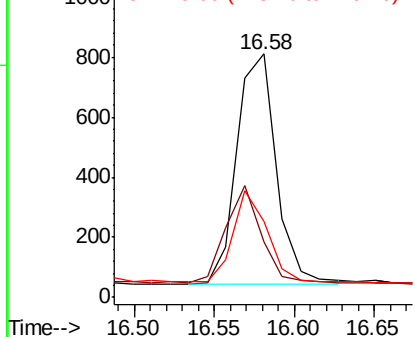
#21
Hexachlorobenzene
Concen: 0.437 ng
RT: 16.58 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BE098485.D
Acq: 15 Dec 2018 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 1310
Ion Ratio Lower Upper
284 100
142 37.0 26.3 39.5
249 34.2 26.0 39.0

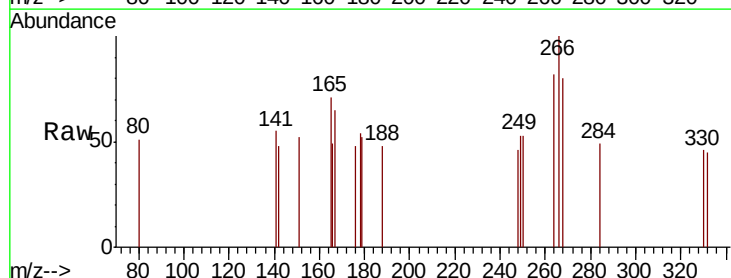


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

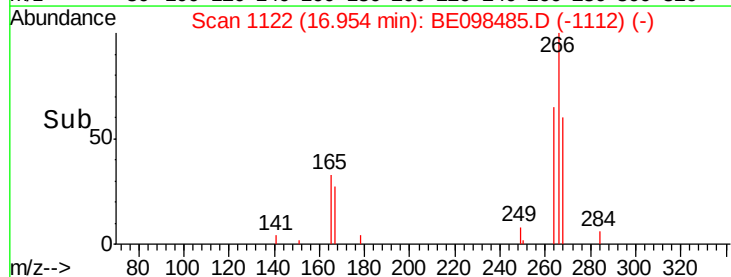
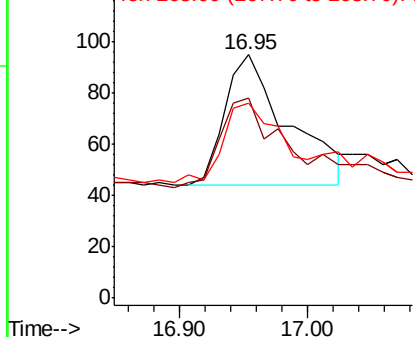


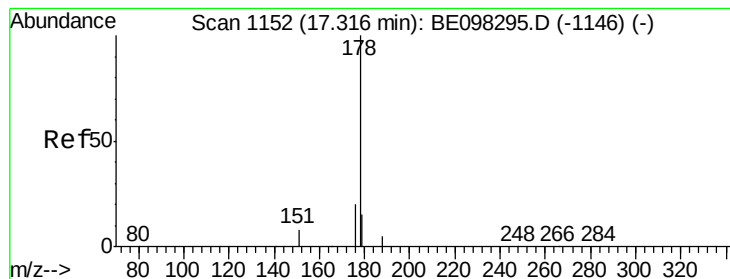
#22
Pentachlorophenol
Concen: 0.368 ng
RT: 16.95 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE098485.D
Acq: 15 Dec 2018 23:09

Tgt Ion: 266 Resp: 175
Ion Ratio Lower Upper
266 100
264 82.1 59.0 88.4
268 80.0 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: 0.403 ng

RT: 17.32 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

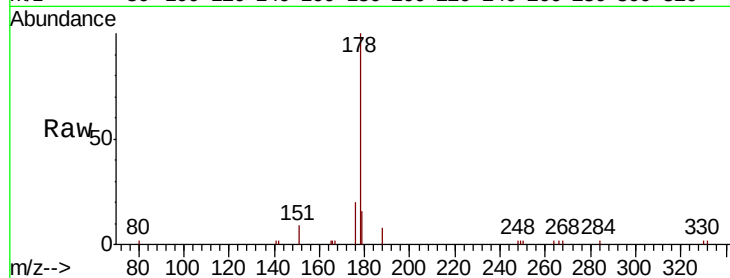
Tgt Ion:178 Resp: 5079

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

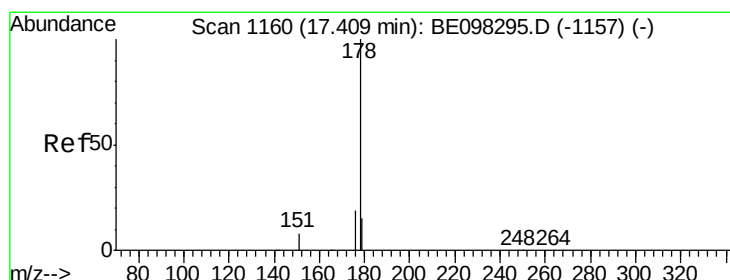
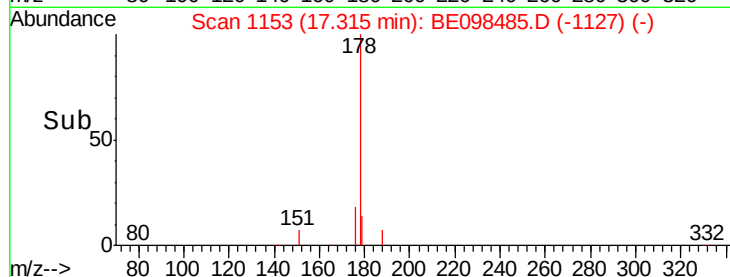
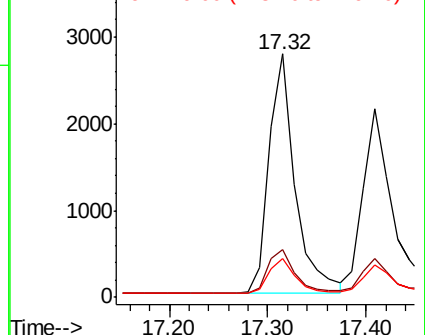
179 14.8 12.3 18.5



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: 0.343 ng

RT: 17.41 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

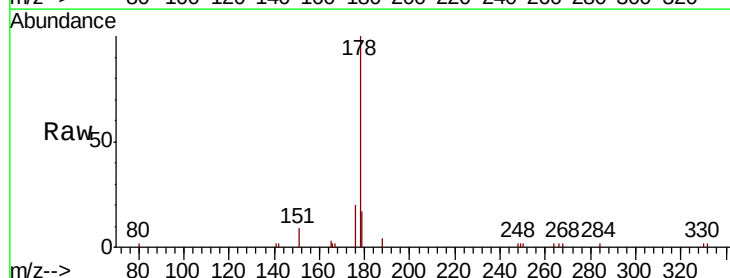
Tgt Ion:178 Resp: 3856

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

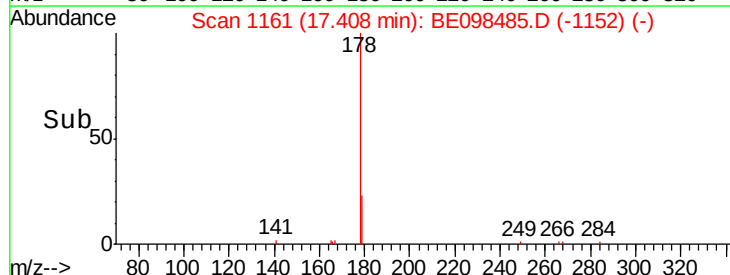
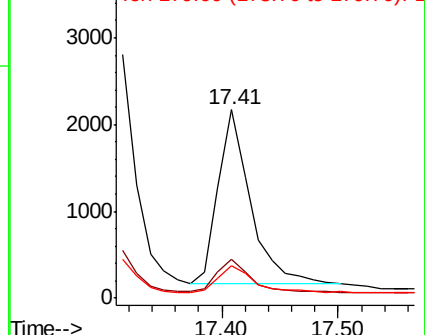
179 15.8 12.3 18.5

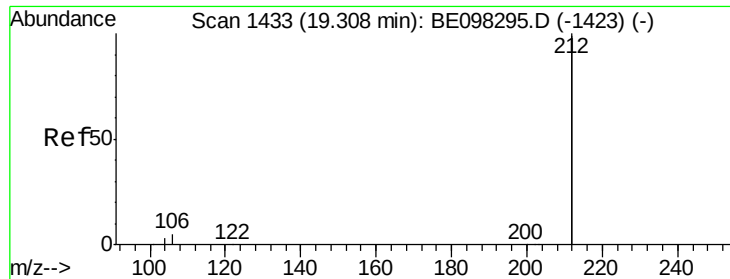


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.30 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

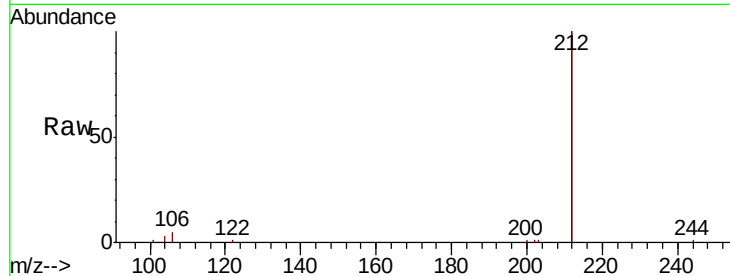
Tgt Ion:212 Resp: 27242

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

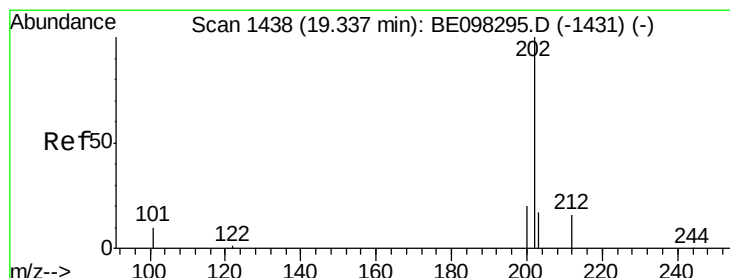
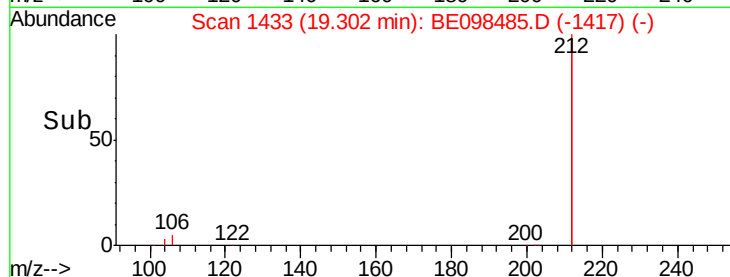
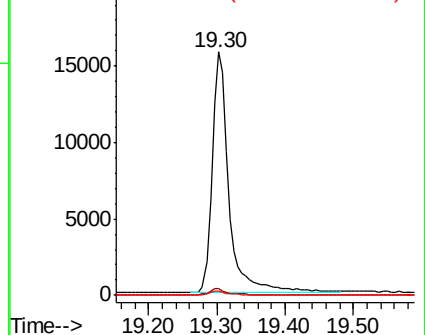
104 1.3 1.3 1.9



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: 0.415 ng

RT: 19.33 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

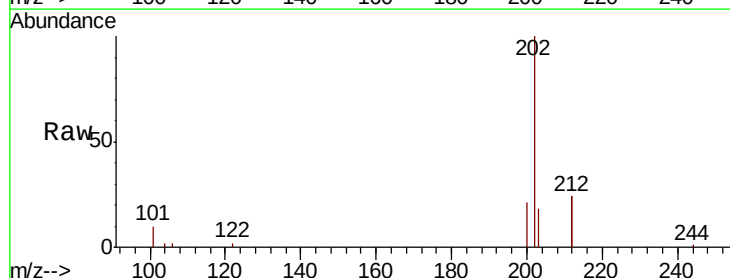
Tgt Ion:202 Resp: 6915

Ion Ratio Lower Upper

202 100

101 8.3 8.0 12.0

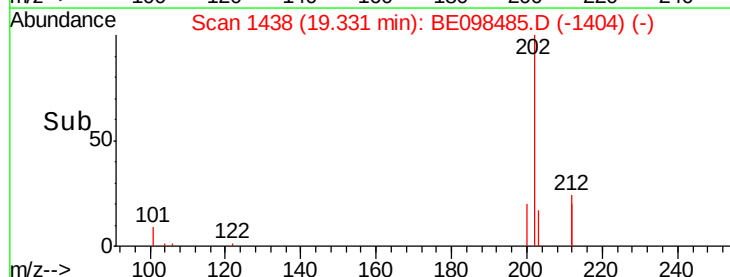
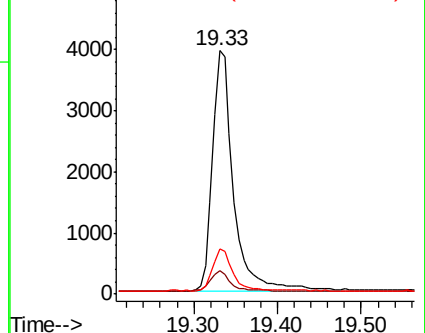
203 16.7 13.8 20.6

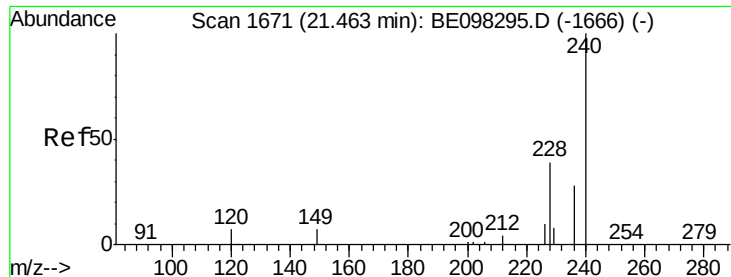


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

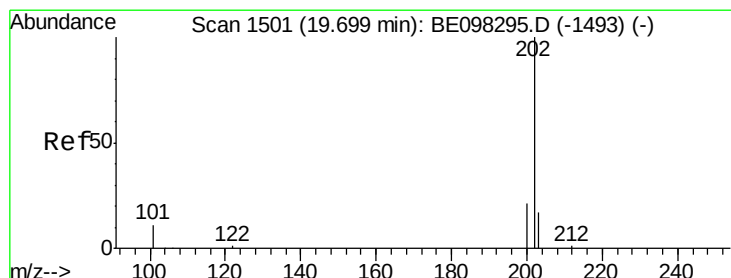
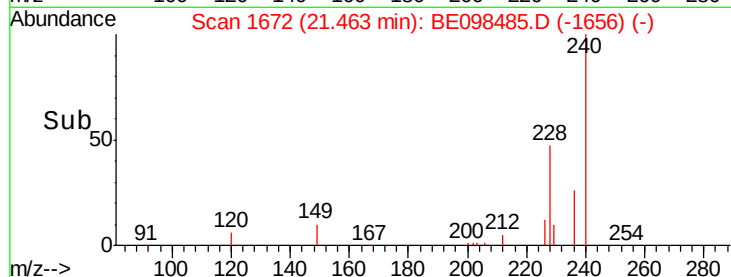
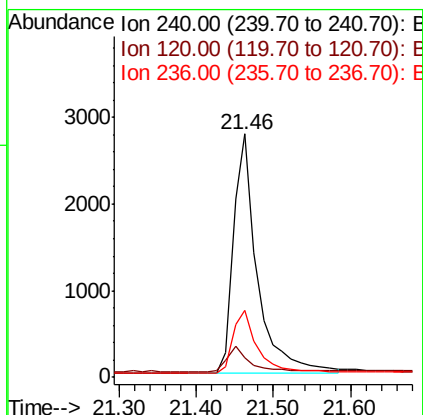
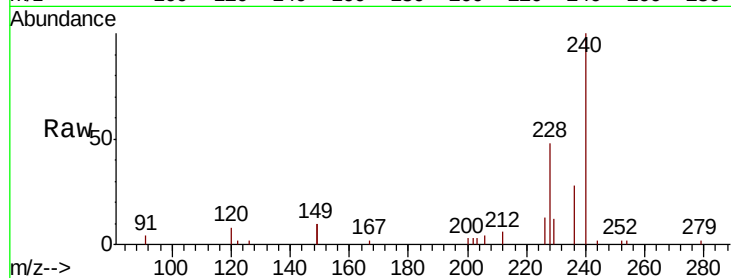




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BE098485.D
 Acq: 15 Dec 2018 23:09

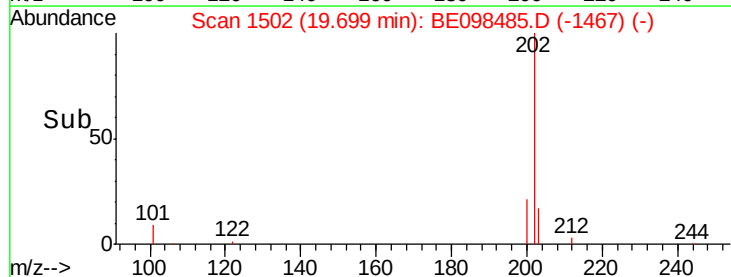
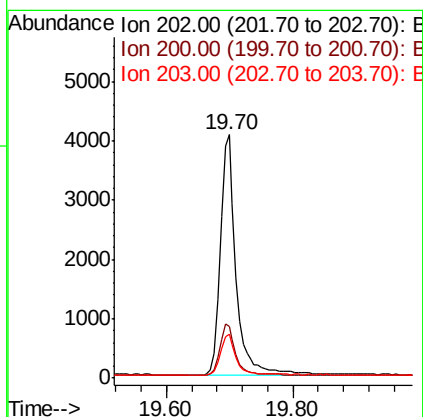
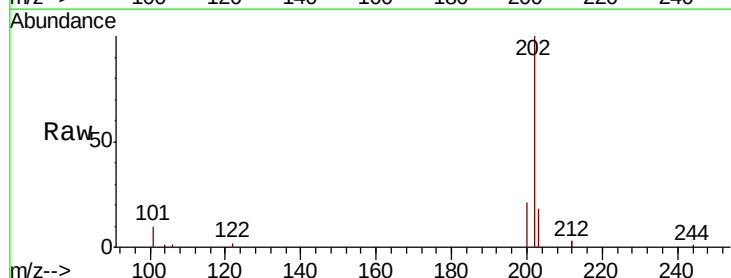
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

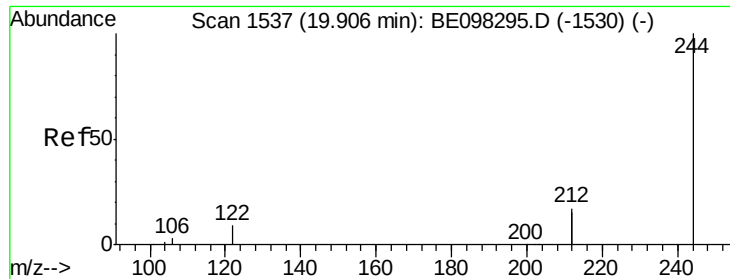
Tgt Ion: 240 Resp: 5942
 Ion Ratio Lower Upper
 240 100
 120 8.3 9.5 14.3#
 236 27.6 22.7 34.1



#28
 Pyrene
 Concen: 0.375 ng
 RT: 19.70 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BE098485.D
 Acq: 15 Dec 2018 23:09

Tgt Ion: 202 Resp: 6992
 Ion Ratio Lower Upper
 202 100
 200 21.5 16.7 25.1
 203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.332 ng

RT: 19.91 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

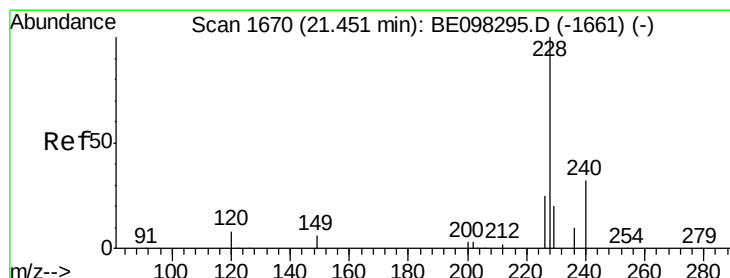
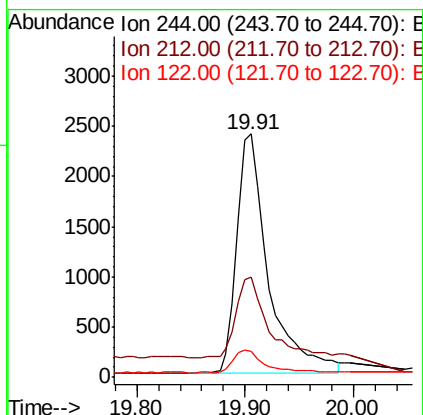
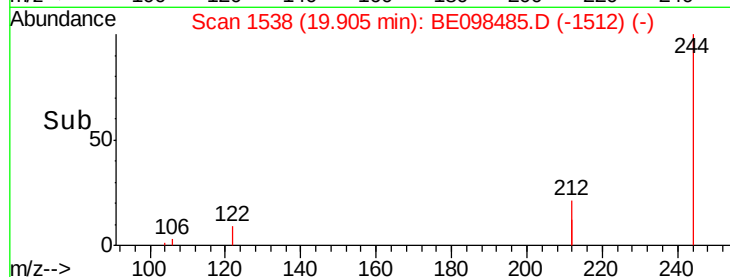
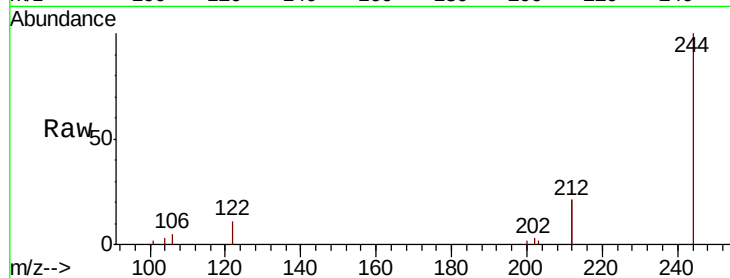
Tgt Ion:244 Resp: 4787

Ion Ratio Lower Upper

244 100

212 41.4 27.4 41.0#

122 10.5 8.3 12.5



#30

Benzo(a)anthracene

Concen: 0.376 ng

RT: 21.44 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

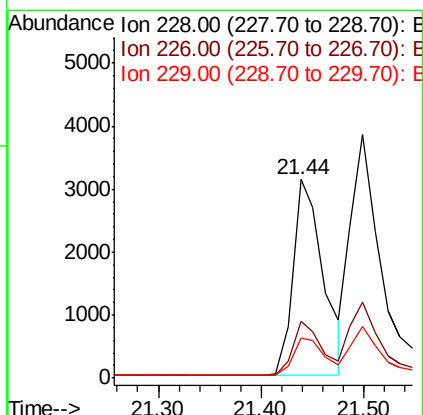
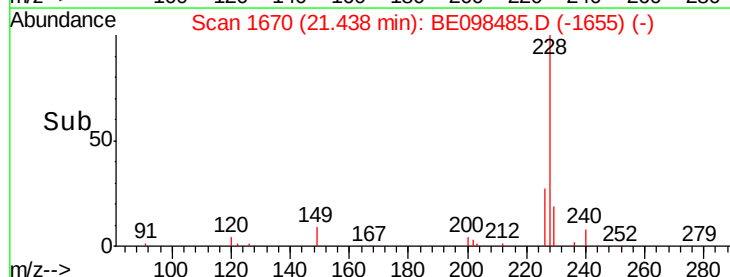
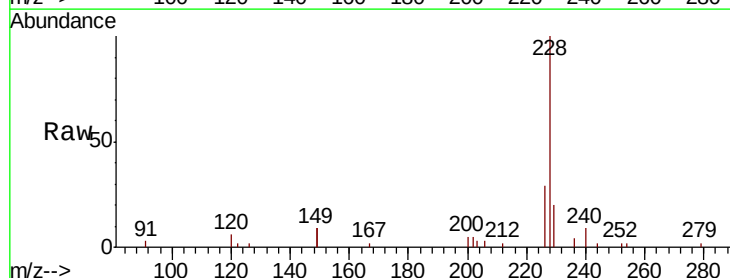
Tgt Ion:228 Resp: 6367

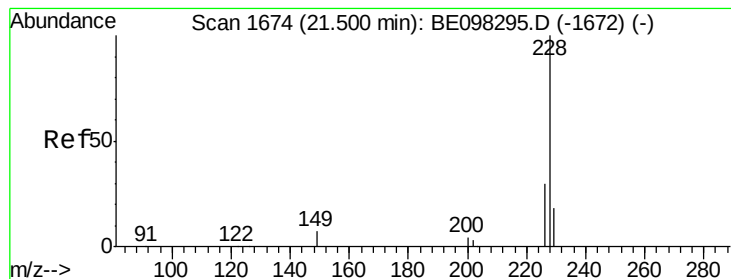
Ion Ratio Lower Upper

228 100

226 28.5 21.8 32.8

229 20.0 16.3 24.5





#31

Chrysene

Concen: 0.400 ng

RT: 21.50 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

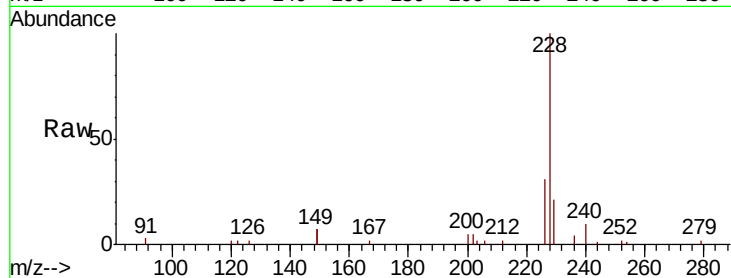
Tgt Ion:228 Resp: 7093

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

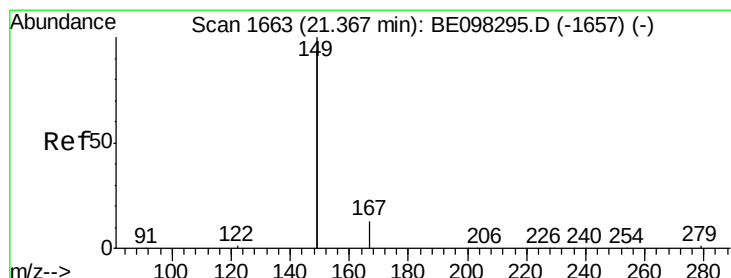
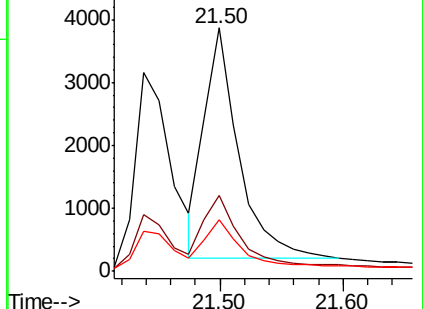
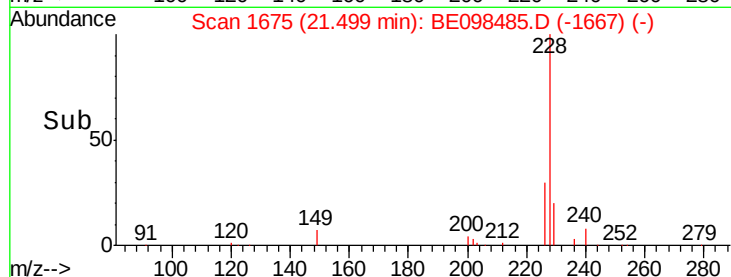
229 21.0 16.2 24.4



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: 0.262 ng

RT: 21.35 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

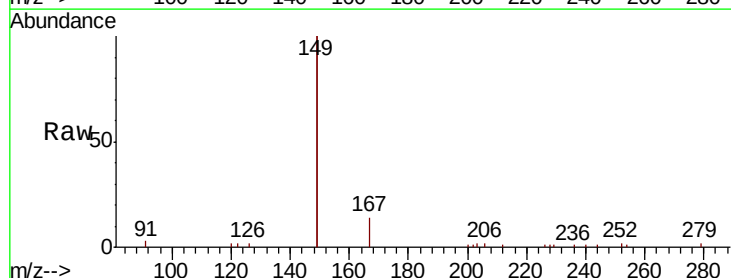
Tgt Ion:149 Resp: 9012

Ion Ratio Lower Upper

149 100

167 7.2 5.7 8.5

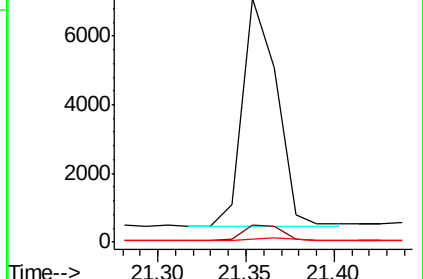
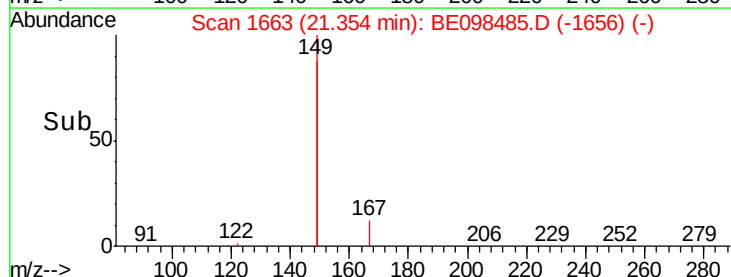
279 1.0 1.0 1.4

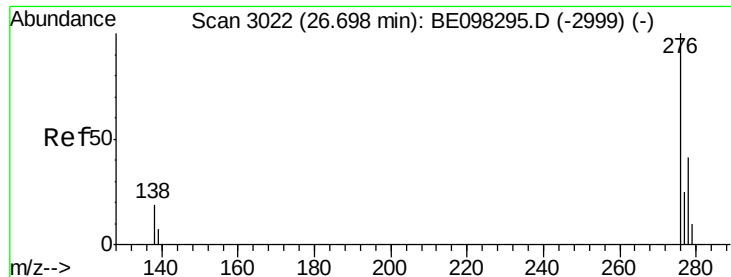


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.372 ng

RT: 26.70 min Scan# 3023

Delta R.T. 0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

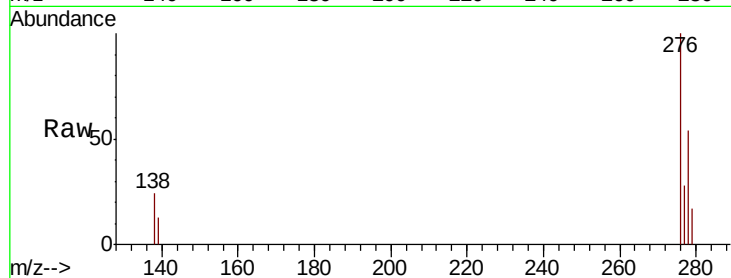
Tgt Ion:276 Resp: 6566

Ion Ratio Lower Upper

276 100

138 20.5 16.3 24.5

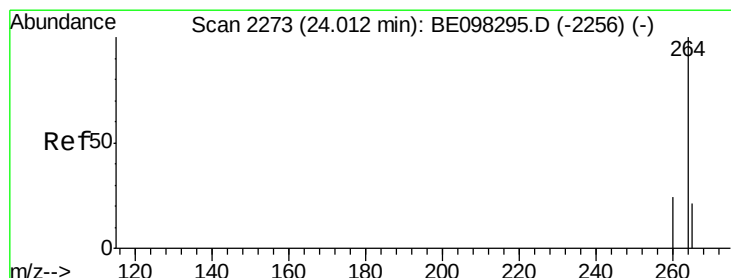
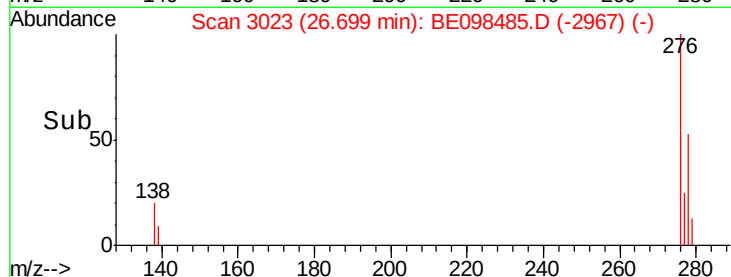
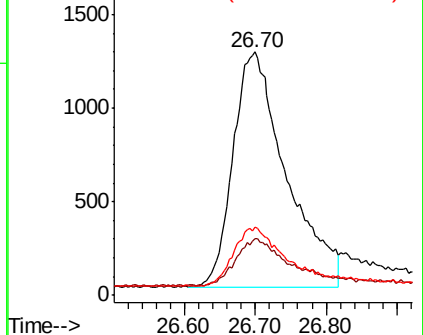
277 25.9 20.2 30.4



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# 2271

Delta R.T. -0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

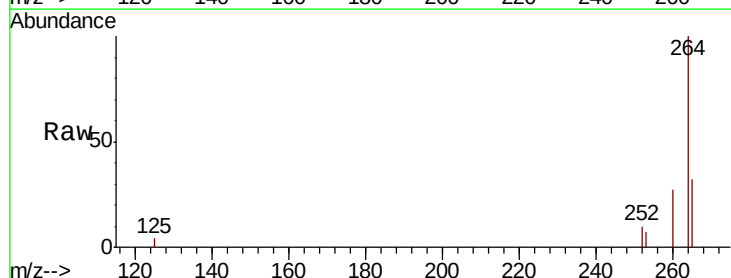
Tgt Ion:264 Resp: 5631

Ion Ratio Lower Upper

264 100

260 26.8 20.2 30.2

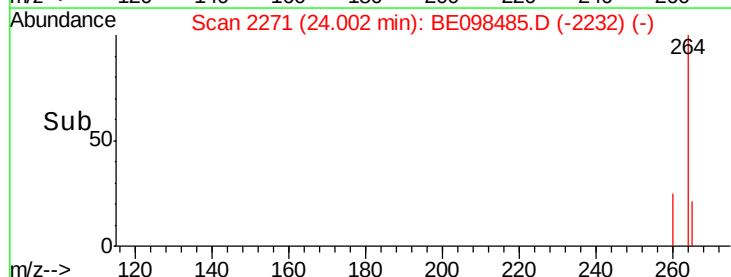
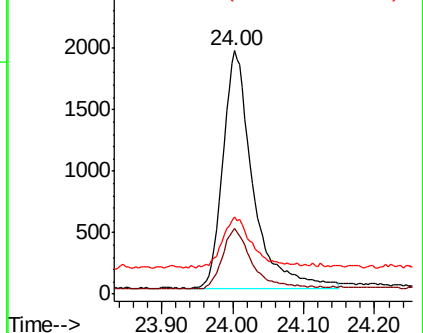
265 31.9 25.2 37.8

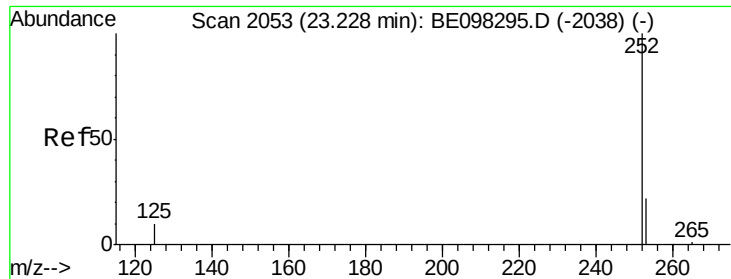


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.394 ng

RT: 23.22 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

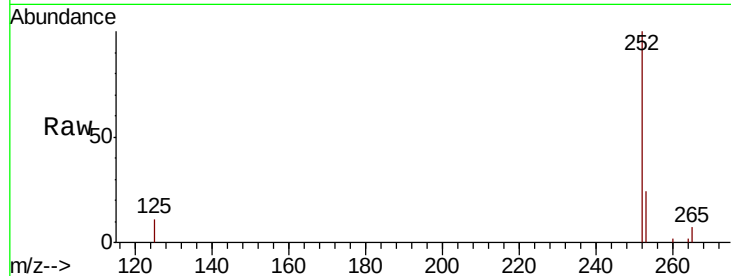
Tgt Ion:252 Resp: 6066

Ion Ratio Lower Upper

252 100

253 24.3 20.0 30.0

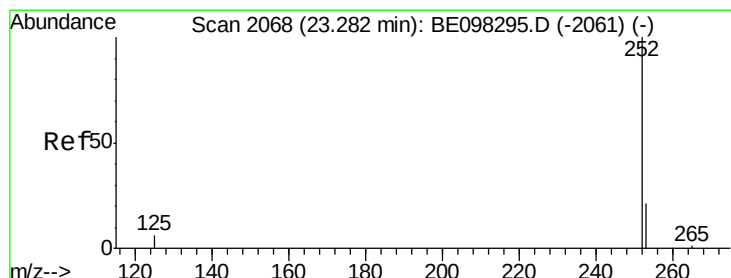
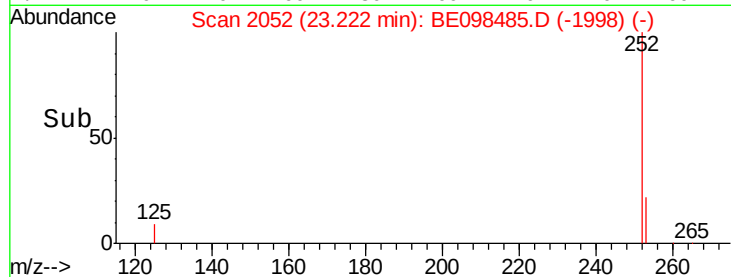
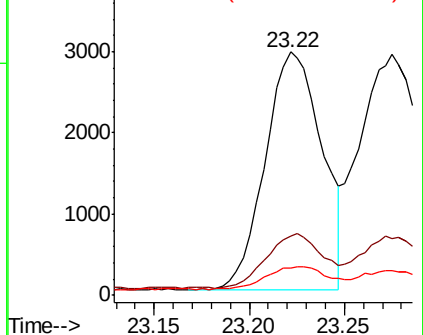
125 11.4 9.6 14.4



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: 0.443 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

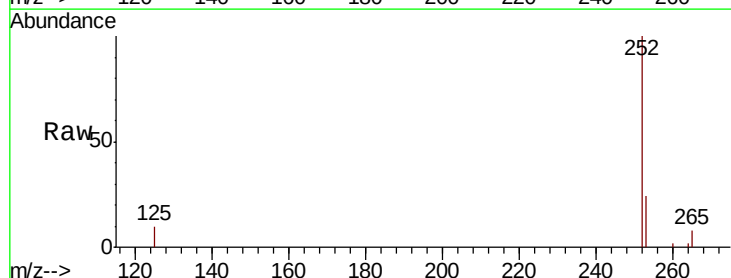
Tgt Ion:252 Resp: 7940

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.6

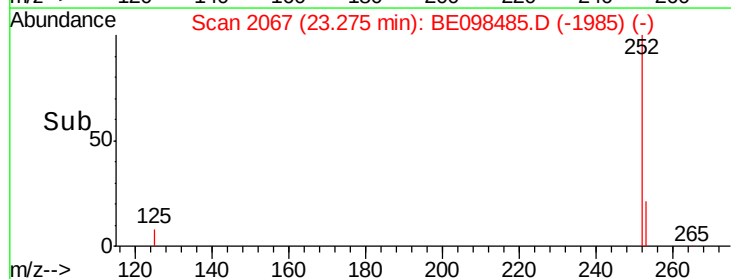
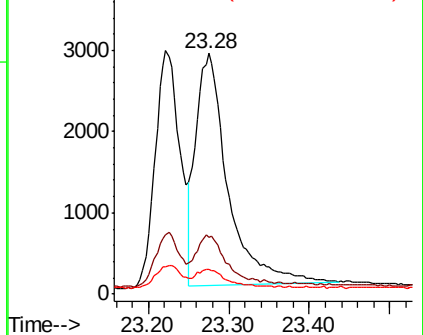
125 10.2 9.1 13.7

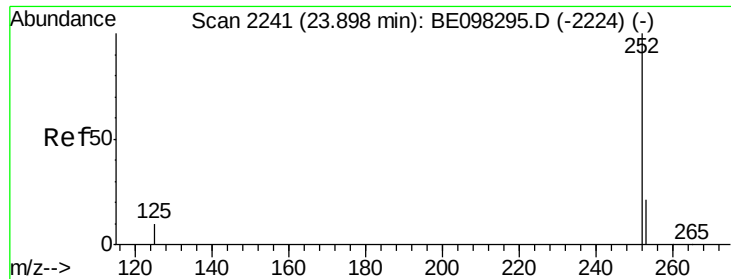


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.406 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

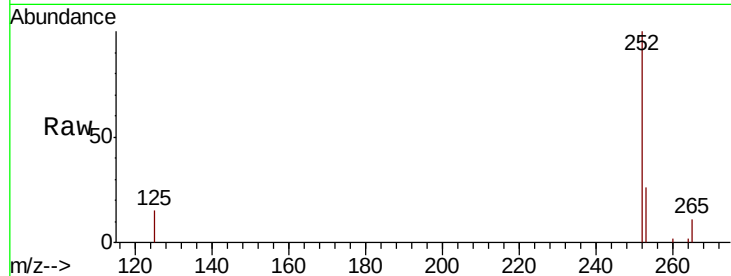
Tgt Ion: 252 Resp: 6447

Ion Ratio Lower Upper

252 100

253 25.8 20.6 30.8

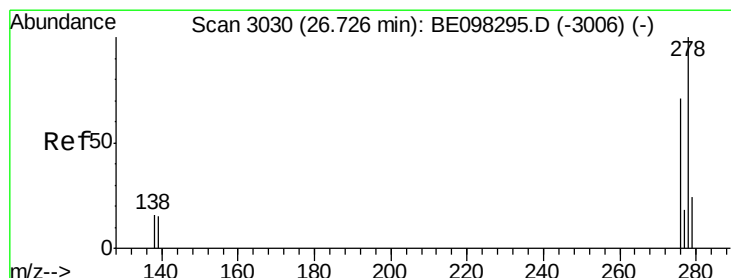
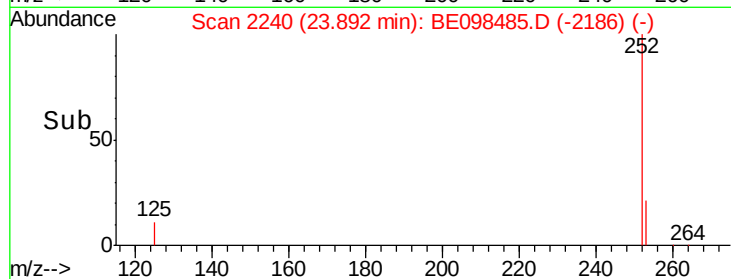
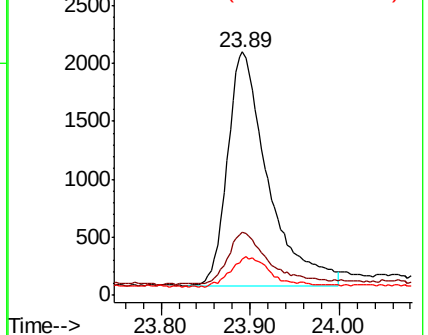
125 14.7 10.5 15.7



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: 0.345 ng

RT: 26.73 min Scan# 3031

Delta R.T. 0.00 min

Lab File: BE098485.D

Acq: 15 Dec 2018 23:09

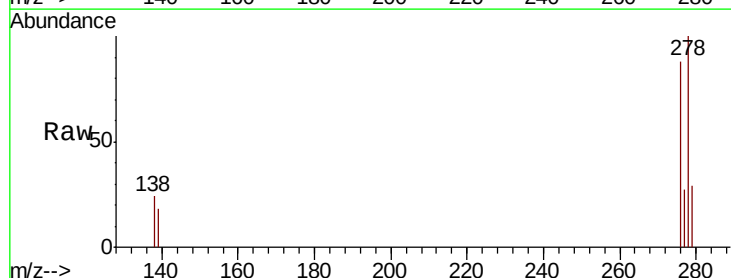
Tgt Ion: 278 Resp: 5162

Ion Ratio Lower Upper

278 100

139 17.9 14.5 21.7

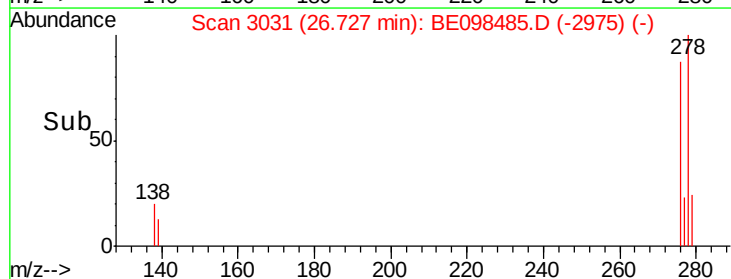
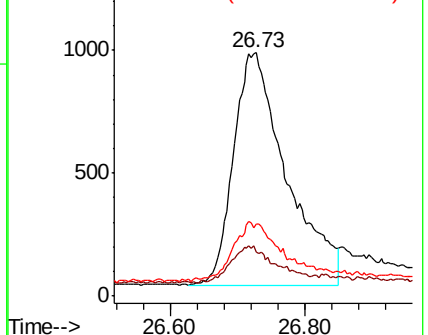
279 29.5 21.8 32.8

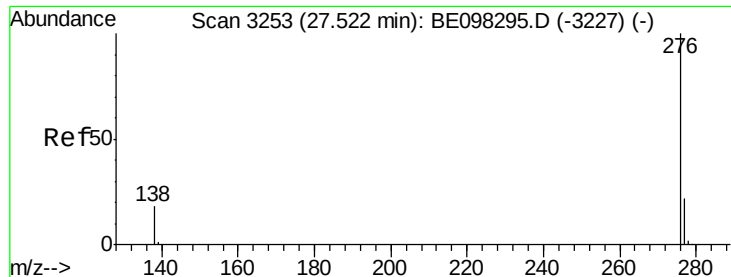


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.143 ng

RT: 27.50 min Scan# 3249

Delta R.T. -0.02 min

Lab File: BE098485.D

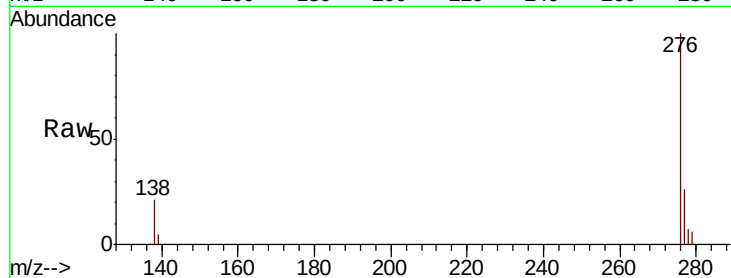
Acq: 15 Dec 2018 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



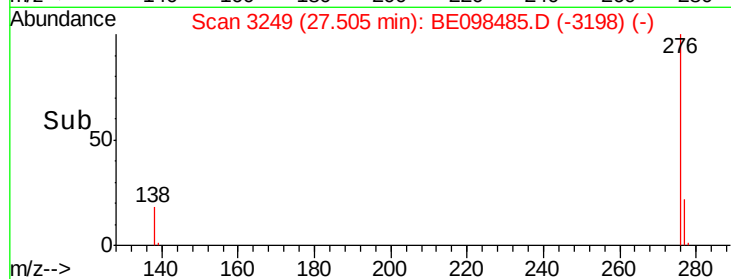
Tgt Ion: 276 Resp: 2158

Ion Ratio Lower Upper

276 100

277 25.7 20.8 31.2

138 21.2 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

