

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110718\
 Data File : BE098177.D
 Acq On : 7 Nov 2018 17:04
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Nov 08 08:46:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	995	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	5042	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3242	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7899	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9014	0.40	ng	0.00
34) Perylene-d12	24.02	264	8741	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1224	0.41	ng	0.00
5) Phenol-d6	7.04	99	2077	0.43	ng	0.00
8) Nitrobenzene-d5	9.02	82	2136	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	3617	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	624	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5521	0.41	ng	-0.01
25) Fluoranthene-d10	19.32	212	41318	0.41	ng	0.00
29) Terphenyl-d14	19.91	244	8733	0.42	ng	0.00

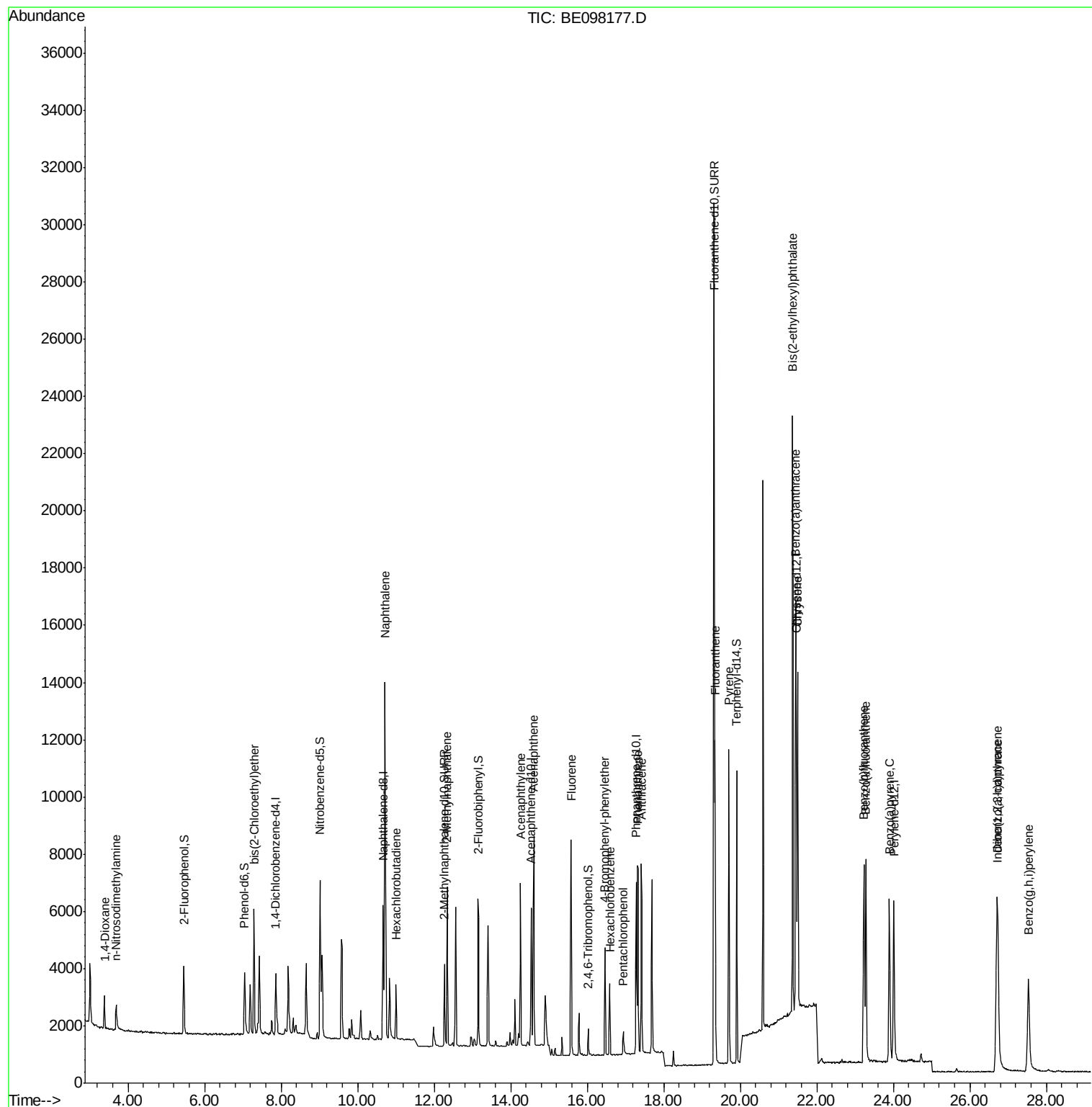
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	635	0.428	ng	95
3) n-Nitrosodimethylamine	3.69	42	812	0.410	ng	# 81
6) bis(2-Chloroethyl)ether	7.29	93	1461	0.410	ng	88
9) Naphthalene	10.72	128	20388	0.405	ng	99
10) Hexachlorobutadiene	11.00	225	1327	0.401	ng	96
12) 2-Methylnaphthalene	12.34	142	3709	0.412	ng	94
16) Acenaphthylene	14.25	152	6398	0.433	ng	99
17) Acenaphthene	14.60	154	3934	0.443	ng	98
18) Fluorene	15.58	166	5097	0.433	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2047	0.425	ng	# 84
21) Hexachlorobenzene	16.59	284	2111	0.419	ng	98
22) Pentachlorophenol	16.94	266	543	0.499	ng	97
23) Phenanthrene	17.33	178	7988	0.408	ng	100
24) Anthracene	17.41	178	7609	0.409	ng	99
26) Fluoranthene	19.34	202	10031	0.409	ng	96
28) Pyrene	19.71	202	10314	0.419	ng	100
30) Benzo(a)anthracene	21.45	228	10986	0.417	ng	98
31) Chrysene	21.50	228	10973	0.421	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	25915	0.294	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	11035	0.407	ng	# 95
35) Benzo(b)fluoranthene	23.23	252	9983	0.406	ng	# 90
36) Benzo(k)fluoranthene	23.28	252	10718	0.421	ng	# 88
37) Benzo(a)pyrene	23.90	252	9846	0.409	ng	# 90
38) Dibenzo(a,h)anthracene	26.73	278	9059	0.404	ng	# 95
39) Benzo(g,h,i)perylene	27.53	276	9034	0.404	ng	# 92

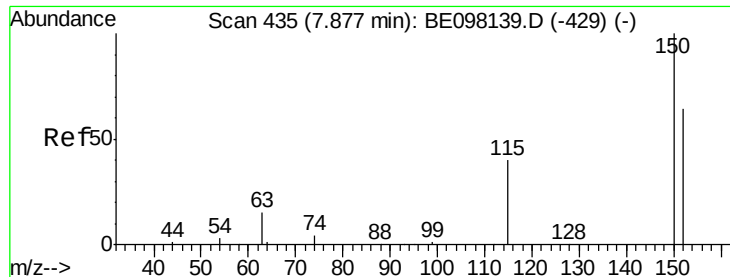
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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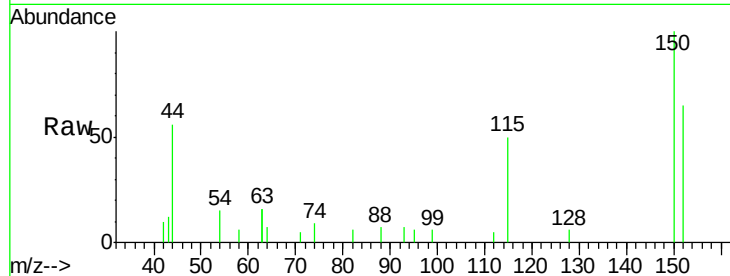


#1

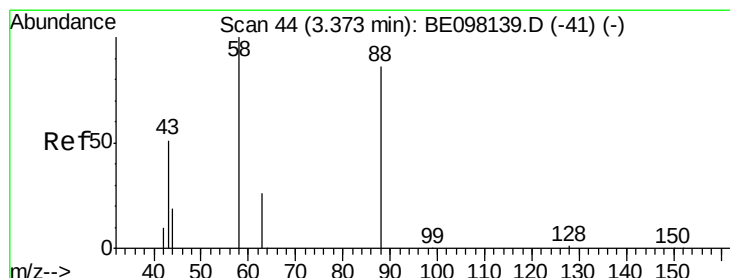
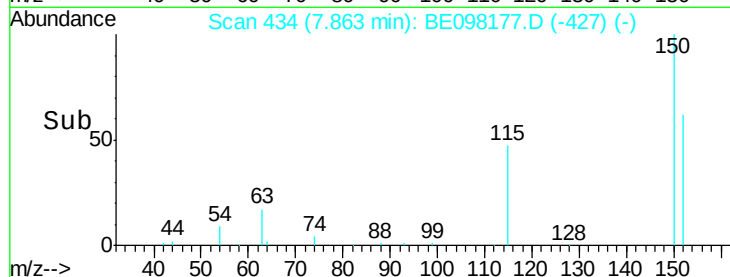
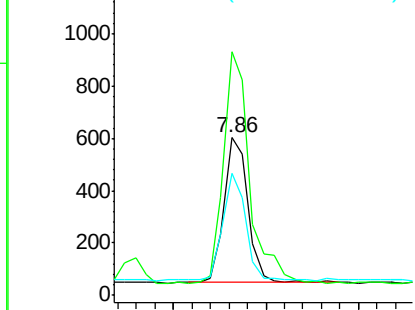
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098177.D
Acq: 7 Nov 2018 17:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 995
Ion Ratio Lower Upper
152 100
150 154.9 118.2 177.4
115 77.9 50.9 76.3#



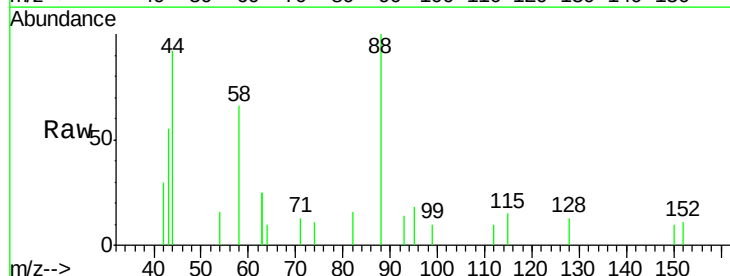
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



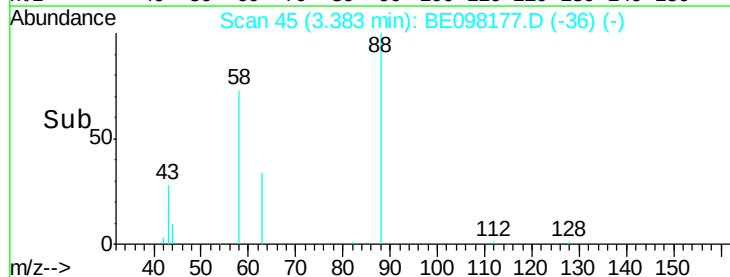
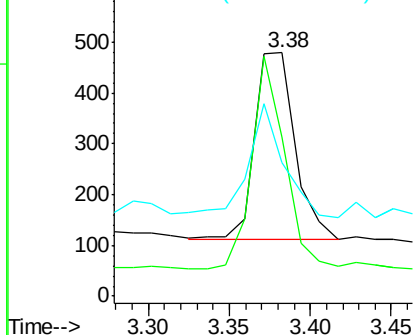
#2

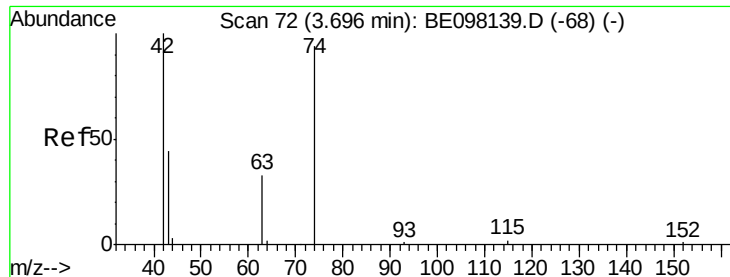
1,4-Dioxane
Concen: 0.428 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098177.D
Acq: 7 Nov 2018 17:04

Tgt Ion: 88 Resp: 635
Ion Ratio Lower Upper
88 100
58 93.4 73.2 109.8
43 53.2 36.9 55.3



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: 0.410 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

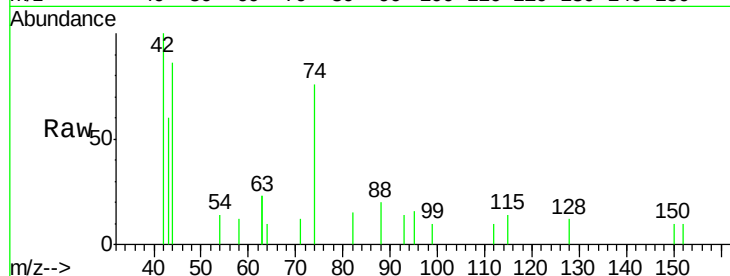
Tgt Ion: 42 Resp: 812

Ion Ratio Lower Upper

42 100

74 78.7 77.6 116.4

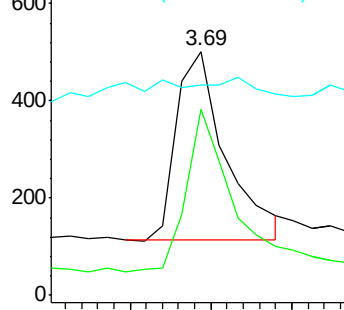
44 0.0 7.6 11.4#



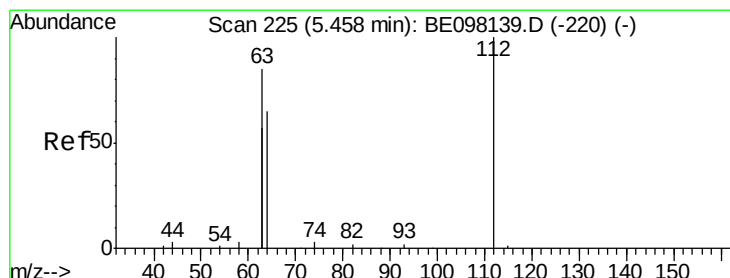
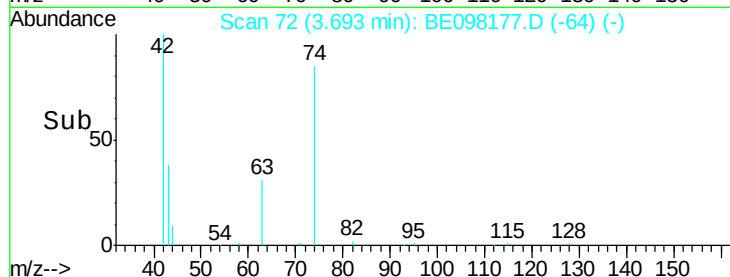
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.414 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

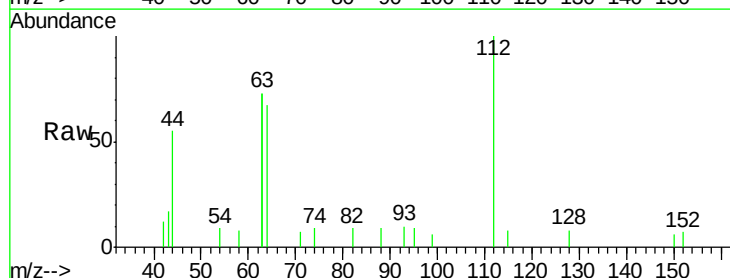
Tgt Ion: 112 Resp: 1224

Ion Ratio Lower Upper

112 100

64 81.0 58.9 88.3

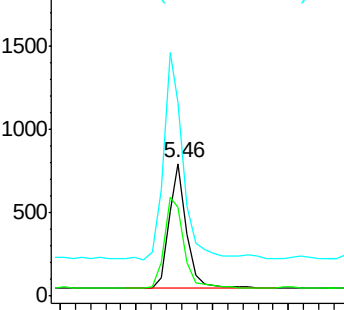
63 176.8 120.3 180.5



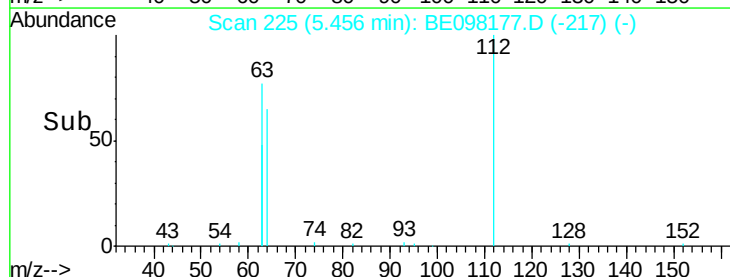
Abundance Ion 112.00 (111.70 to 112.70): E

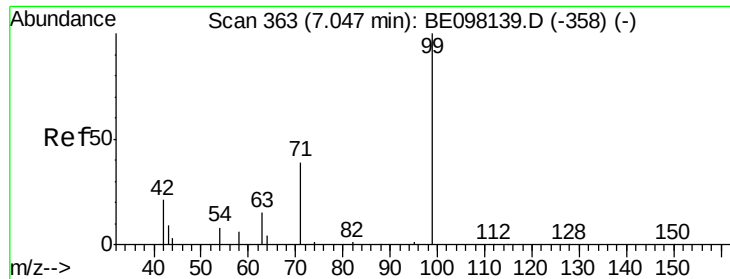
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.427 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

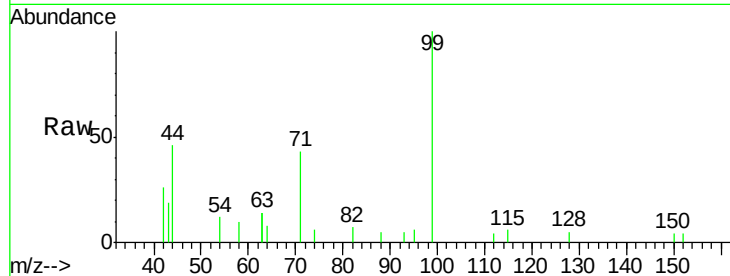
Tgt Ion: 99 Resp: 2077

Ion Ratio Lower Upper

99 100

42 31.9 19.9 29.9#

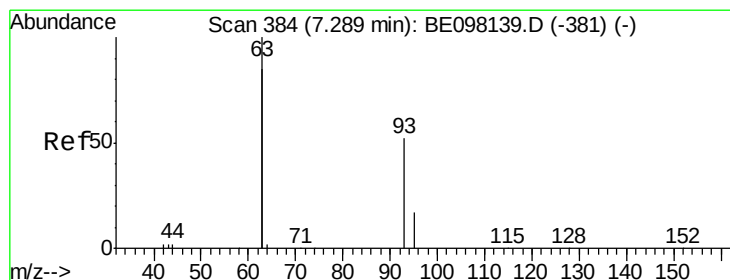
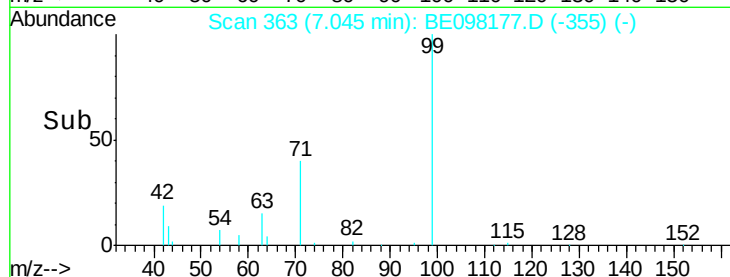
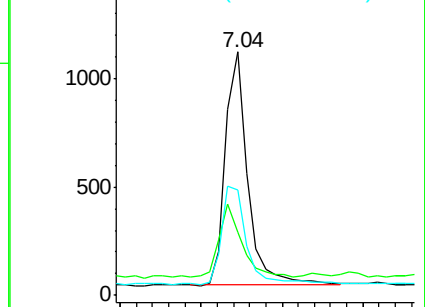
71 47.4 27.8 41.8#



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: 0.410 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

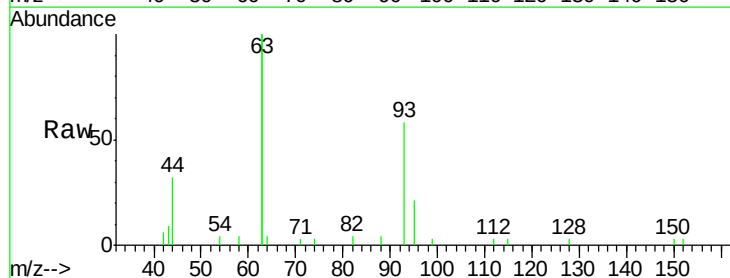
Tgt Ion: 93 Resp: 1461

Ion Ratio Lower Upper

93 100

63 351.1 259.0 388.4

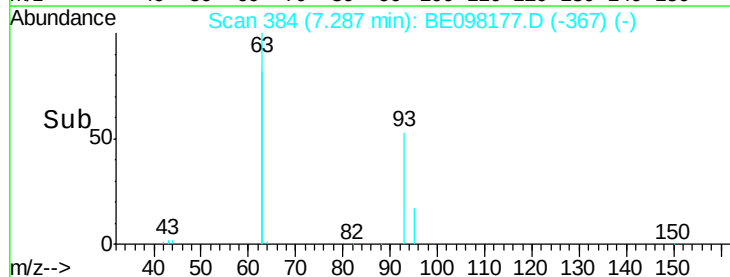
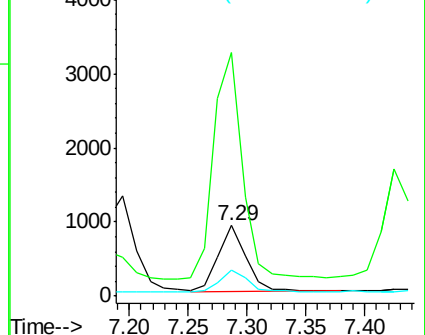
95 33.9 27.8 41.8

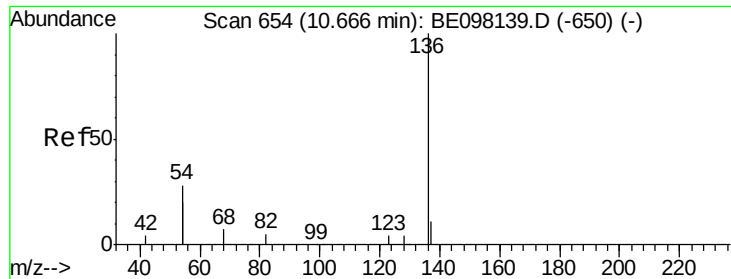


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 5042

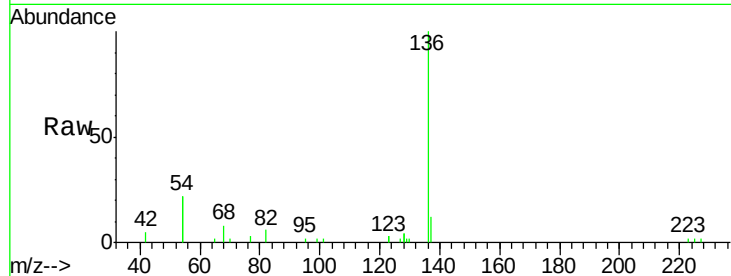
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 44.1 27.7 41.5#

68 8.0 5.3 7.9#

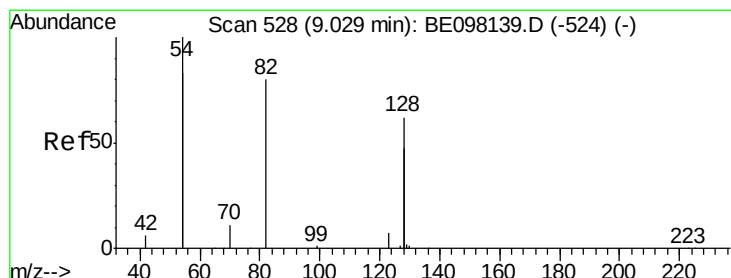
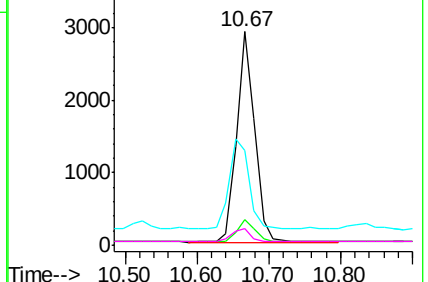
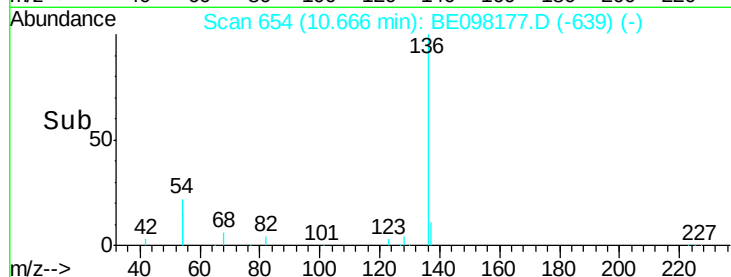


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.01 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

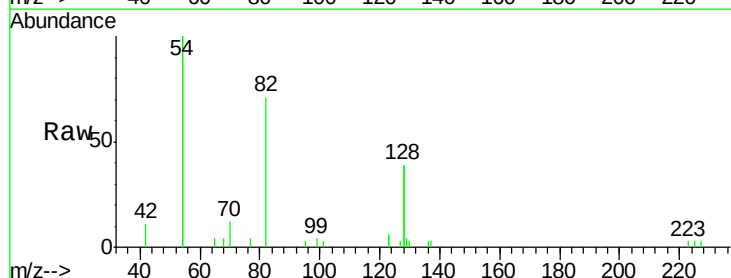
Tgt Ion: 82 Resp: 2136

Ion Ratio Lower Upper

82 100

128 108.9 129.9 194.9#

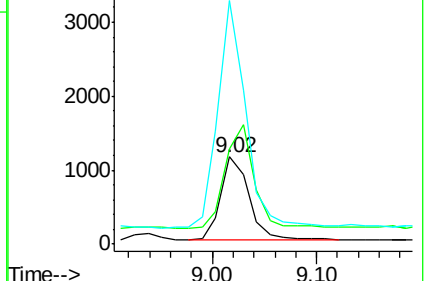
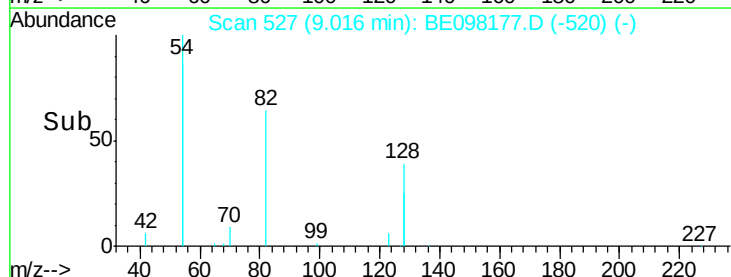
54 280.2 174.0 261.0#

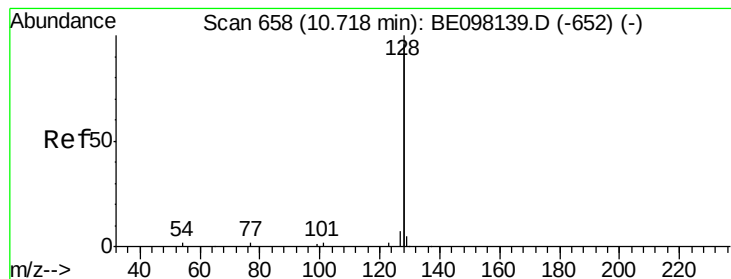


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.405 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

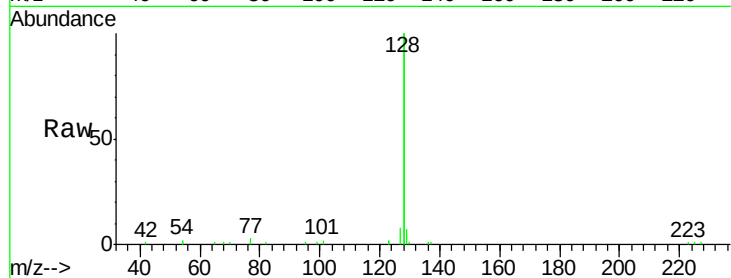
Tgt Ion:128 Resp: 20388

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

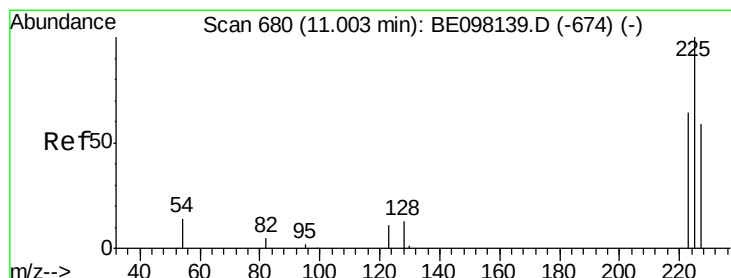
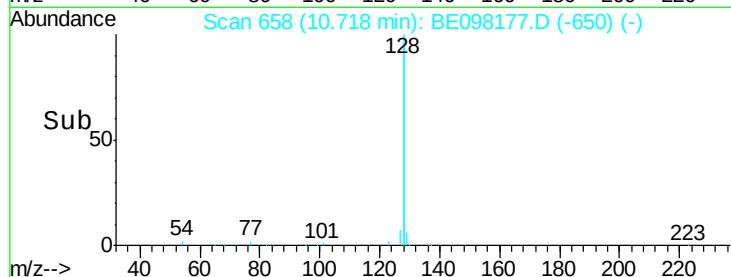
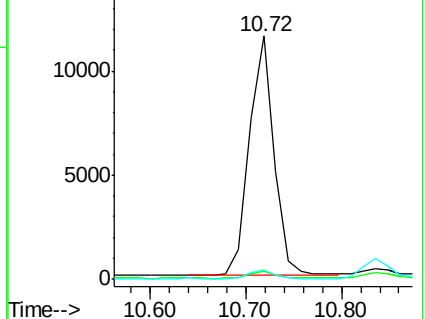
127 3.8 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.401 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

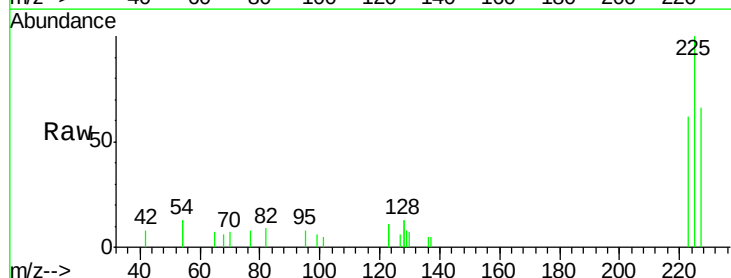
Tgt Ion:225 Resp: 1327

Ion Ratio Lower Upper

225 100

223 61.1 51.8 77.8

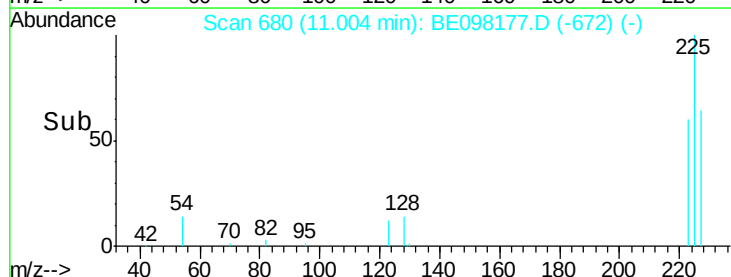
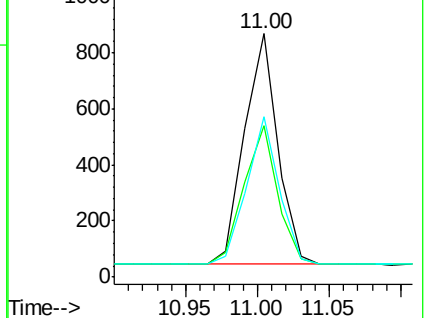
227 63.1 53.0 79.6

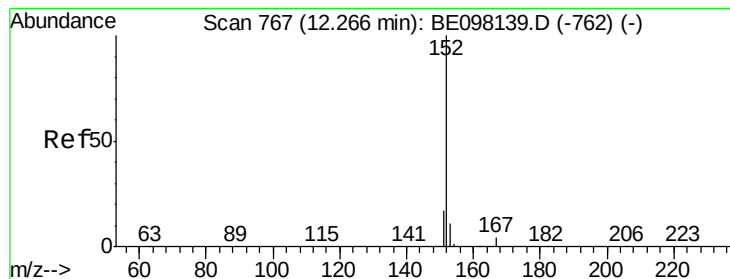


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

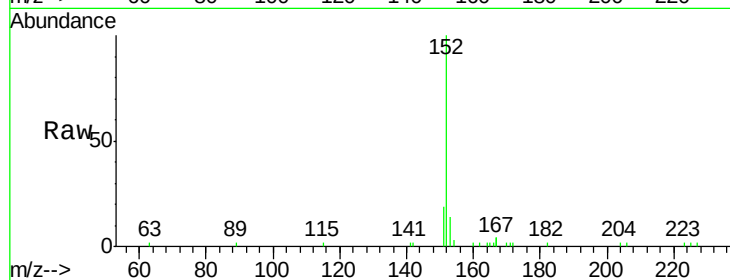
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3617

Ion Ratio Lower Upper

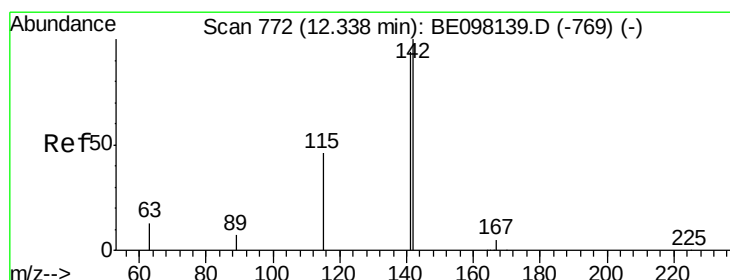
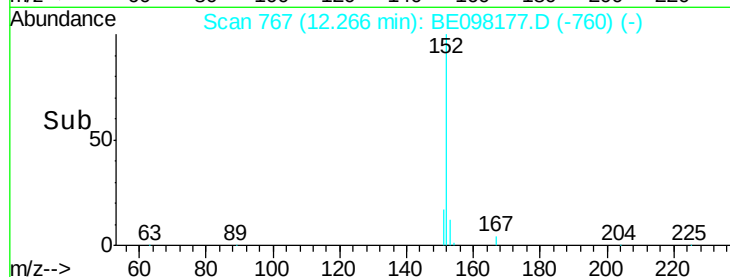
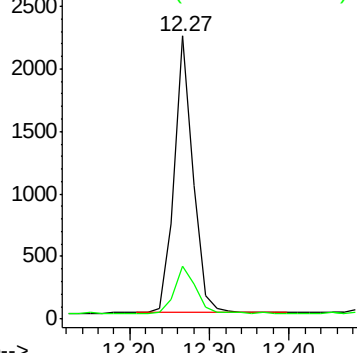
152 100

151 19.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.412 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

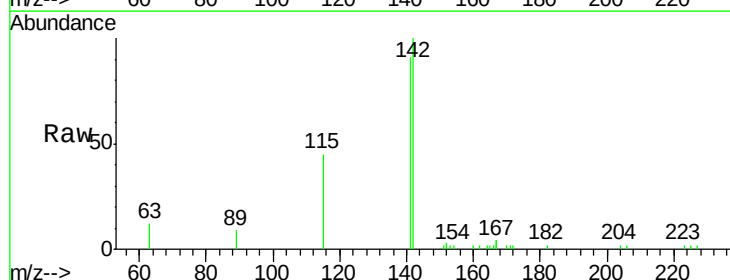
Tgt Ion:142 Resp: 3709

Ion Ratio Lower Upper

142 100

141 90.7 69.8 104.6

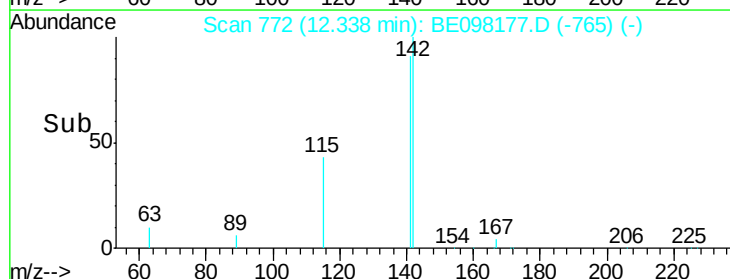
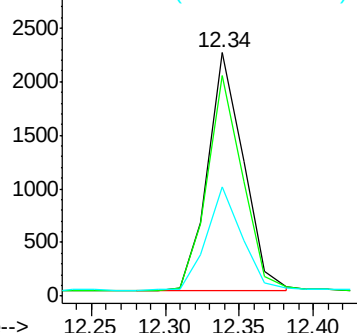
115 44.8 30.5 45.7

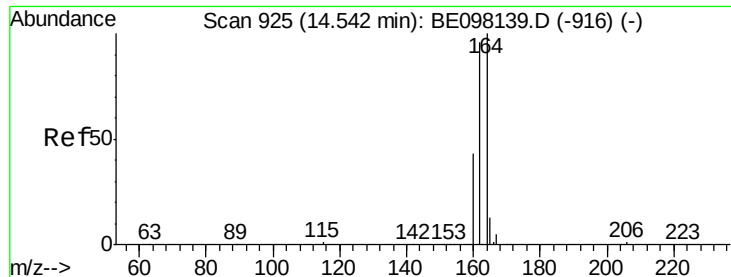


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

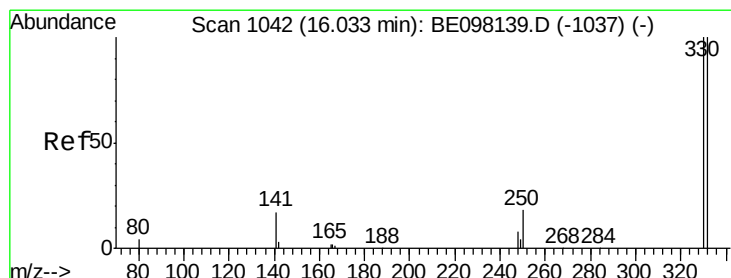
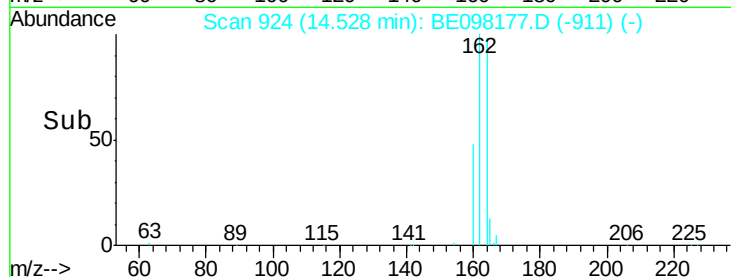
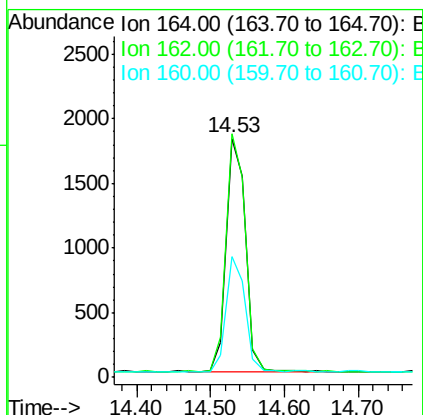
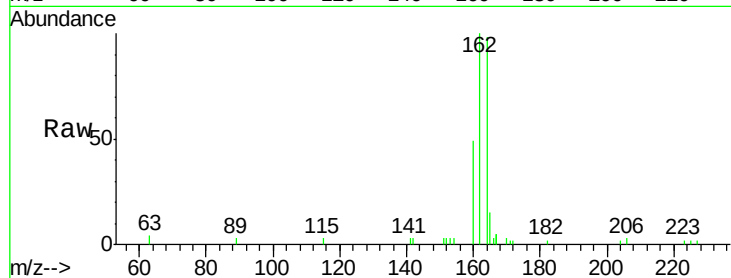




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BE098177.D
 Acq: 7 Nov 2018 17:04

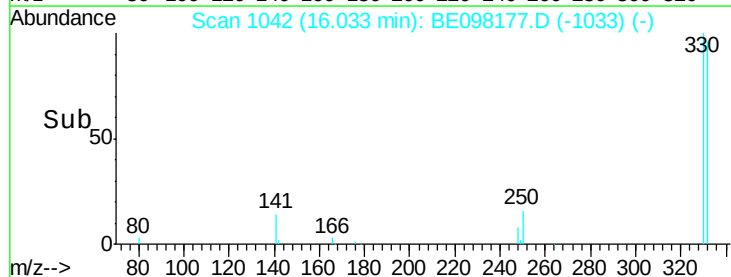
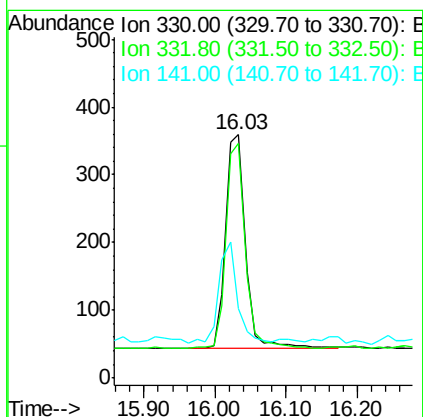
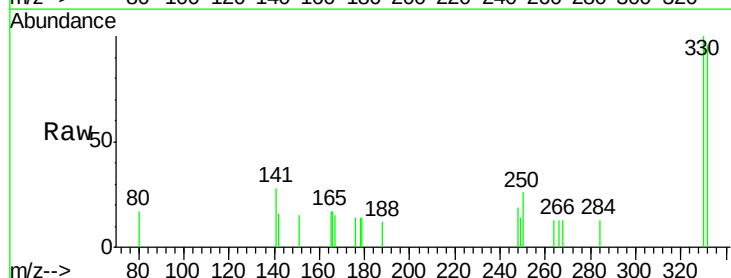
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

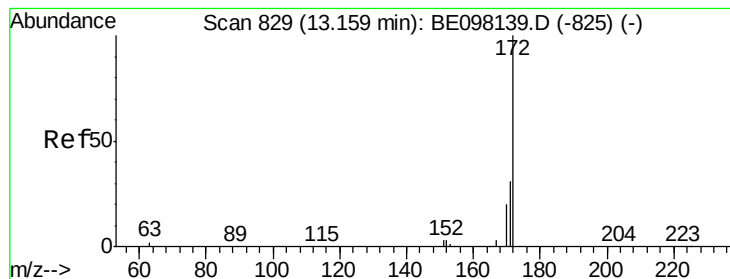
Tgt Ion:164 Resp: 3242
 Ion Ratio Lower Upper
 164 100
 162 101.9 77.4 116.2
 160 50.5 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.406 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE098177.D
 Acq: 7 Nov 2018 17:04

Tgt Ion:330 Resp: 624
 Ion Ratio Lower Upper
 330 100
 332 92.9 76.5 114.7
 141 42.6 31.8 47.6





#15

2-Fluorobiphenyl

Concen: 0.414 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

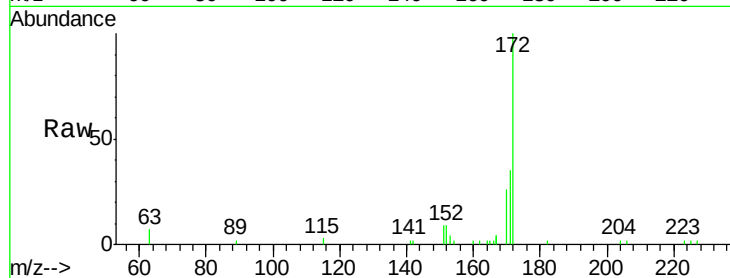
Tgt Ion:172 Resp: 5521

Ion Ratio Lower Upper

172 100

171 35.1 26.0 39.0

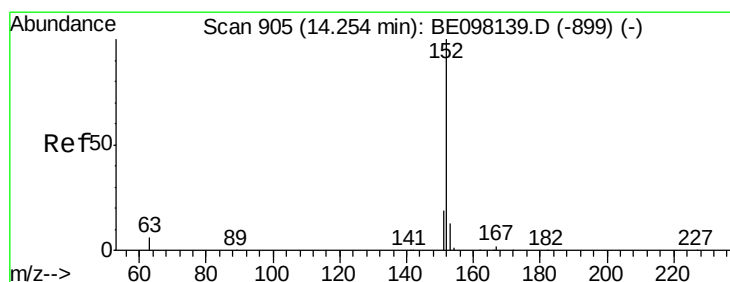
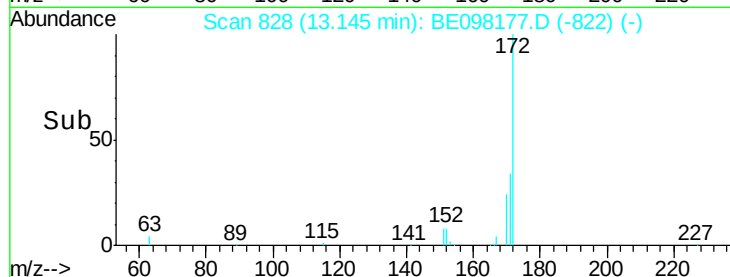
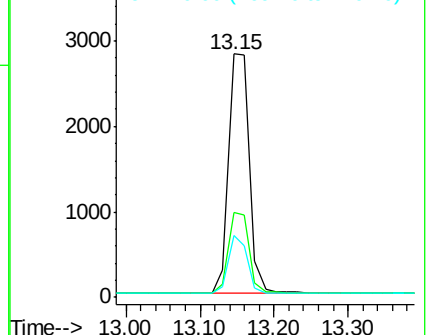
170 25.6 18.0 27.0



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: 0.433 ng

RT: 14.25 min Scan# 905

Delta R.T. 0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

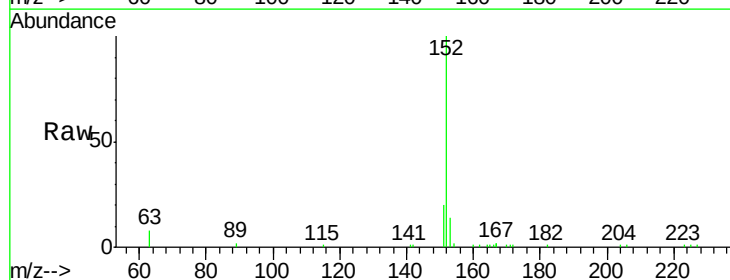
Tgt Ion:152 Resp: 6398

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

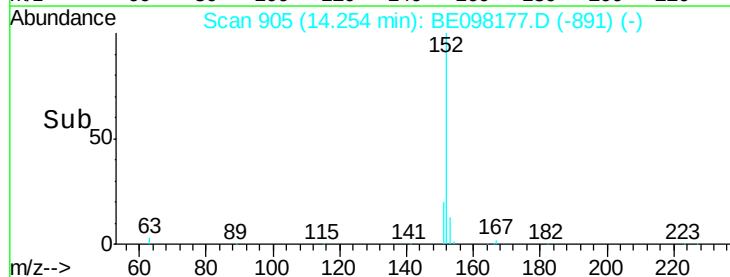
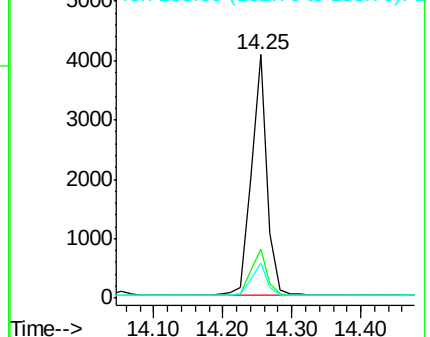
153 13.0 10.9 16.3

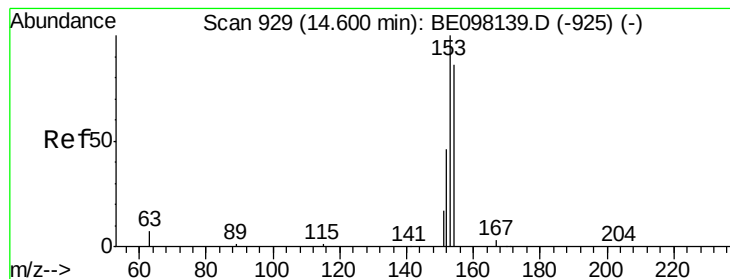


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.443 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

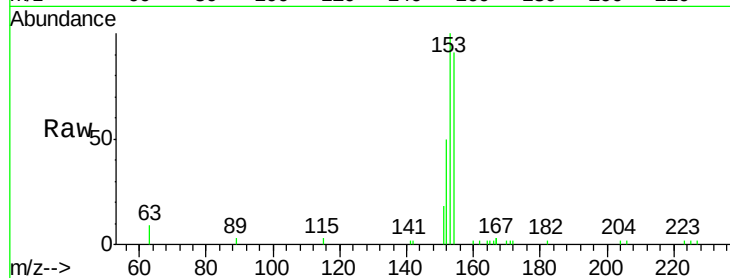
Tgt Ion:154 Resp: 3934

Ion Ratio Lower Upper

154 100

153 113.3 92.6 139.0

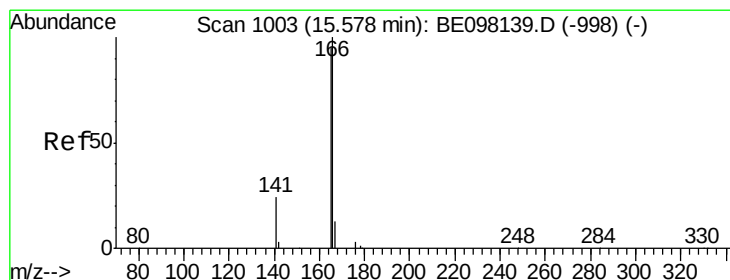
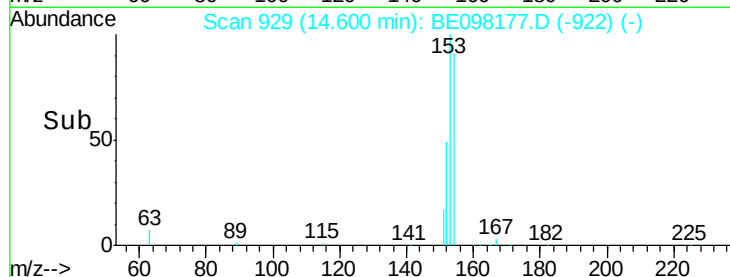
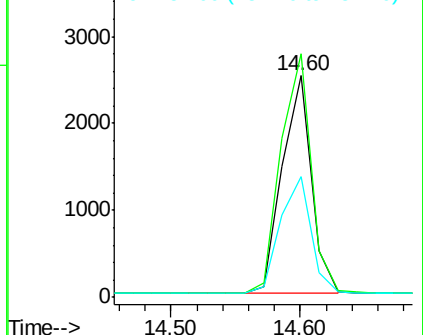
152 56.1 45.5 68.3



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: 0.433 ng

RT: 15.58 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

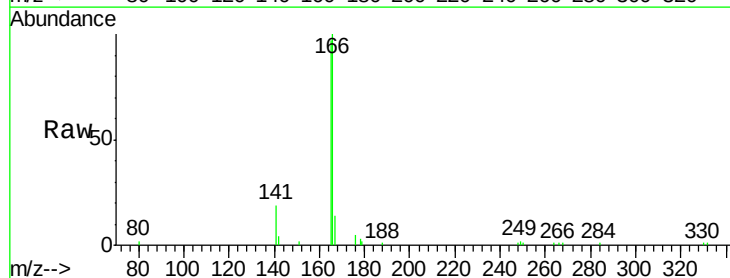
Tgt Ion:166 Resp: 5097

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.4

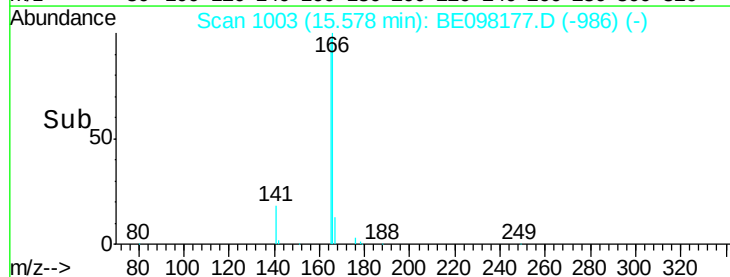
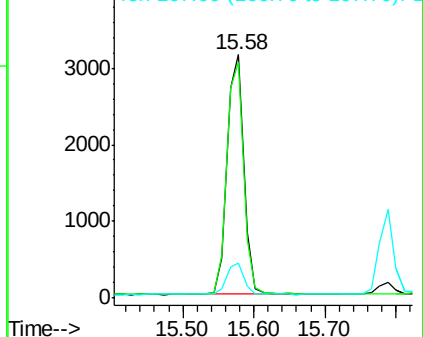
167 13.3 11.0 16.6

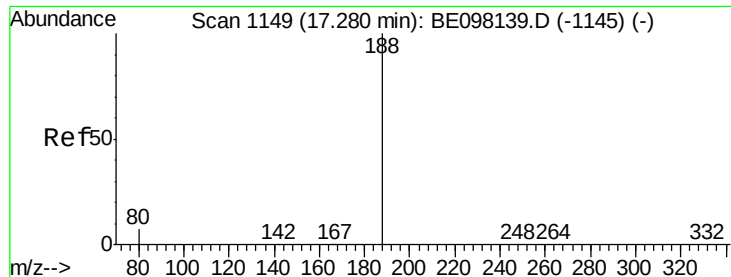


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

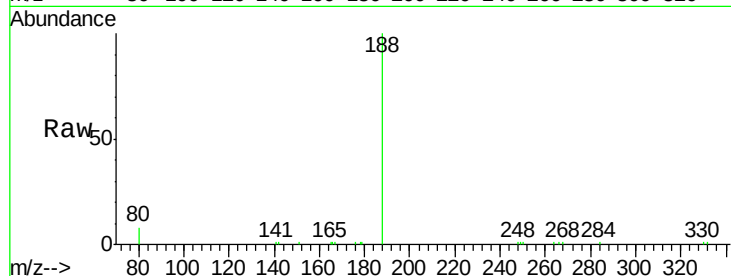
Tgt Ion:188 Resp: 7899

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

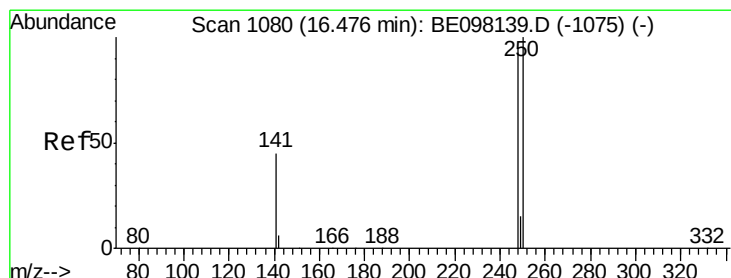
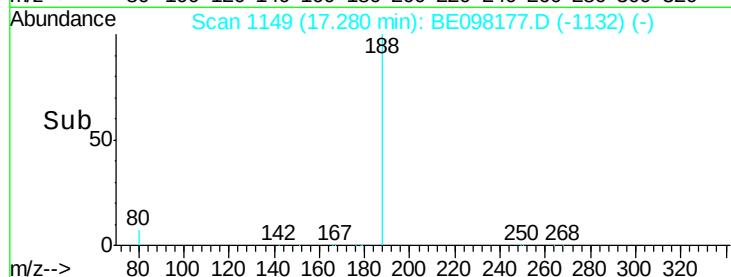
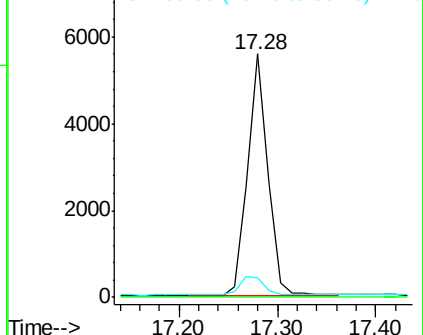
80 8.3 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.425 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

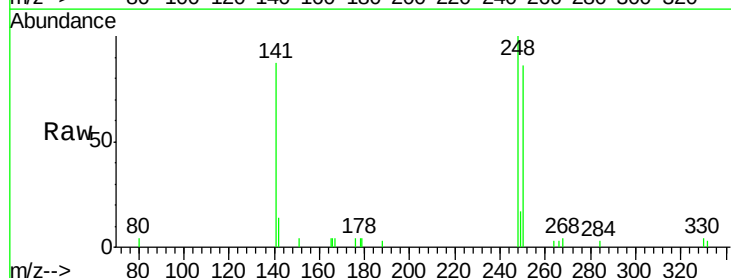
Tgt Ion:248 Resp: 2047

Ion Ratio Lower Upper

248 100

250 85.9 75.1 112.7

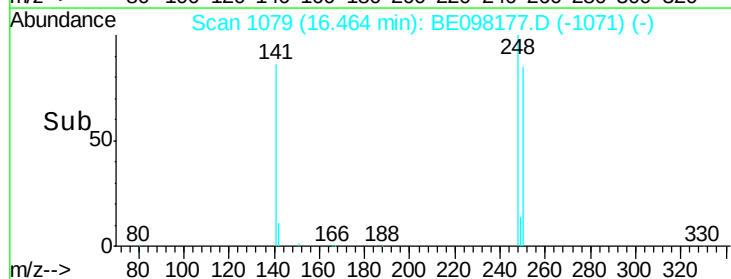
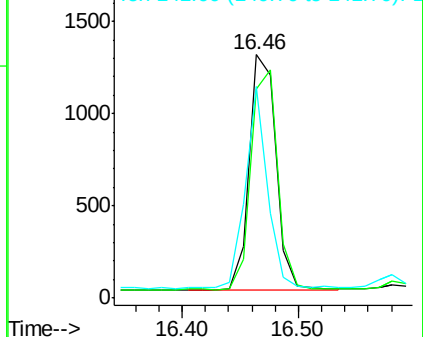
141 86.8 51.8 77.8#

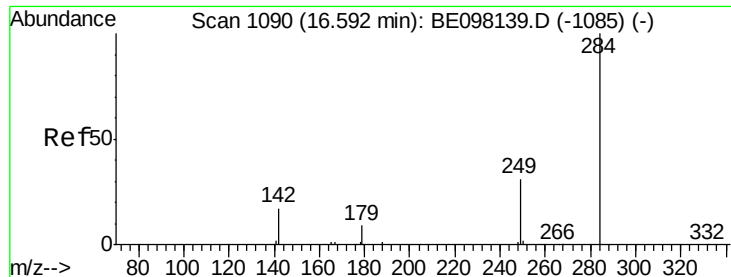


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

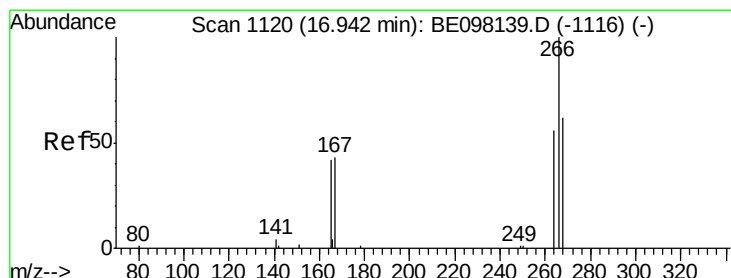
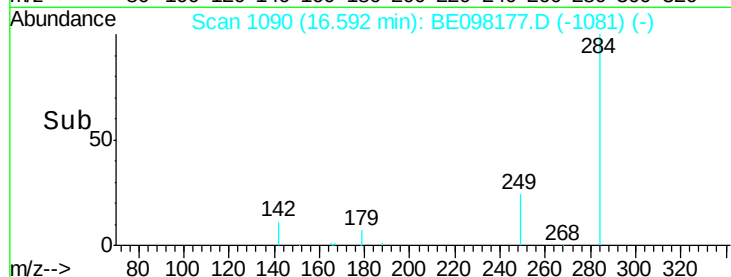
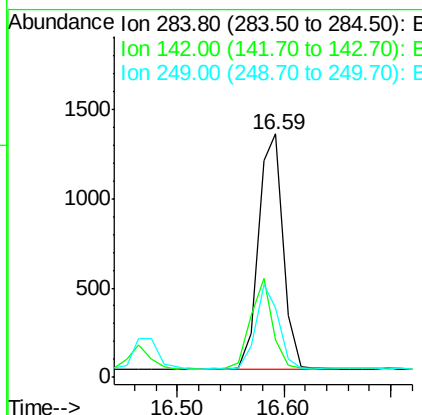
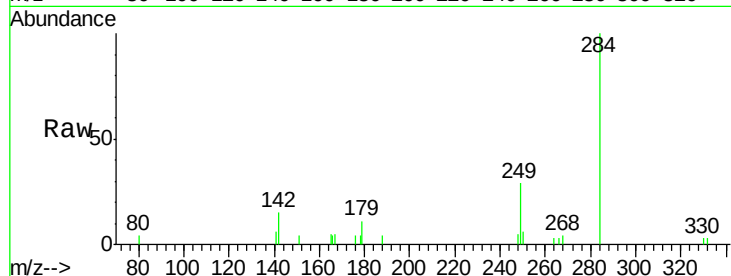




#21
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BE098177.D
Acq: 7 Nov 2018 17:04

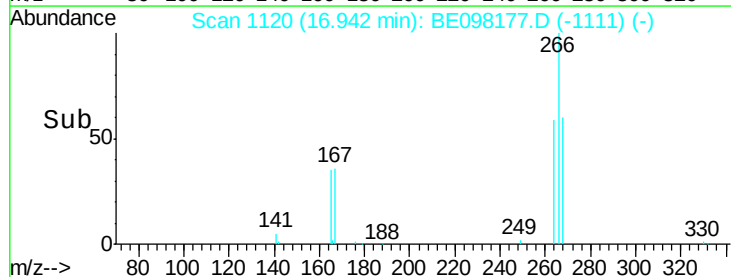
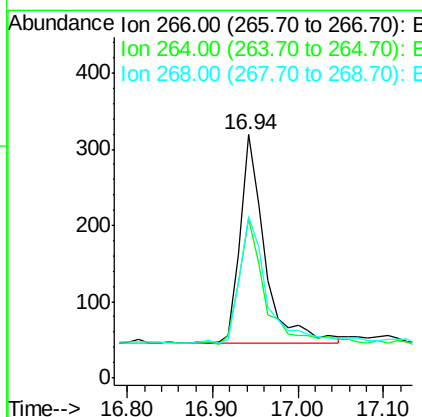
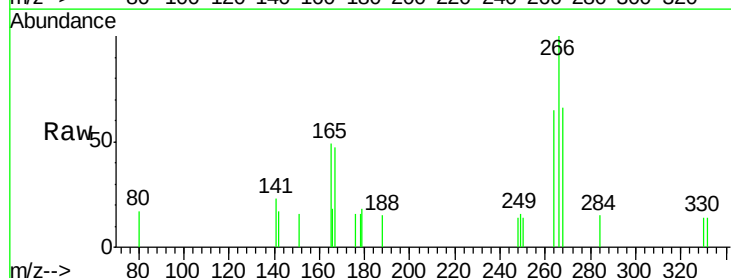
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

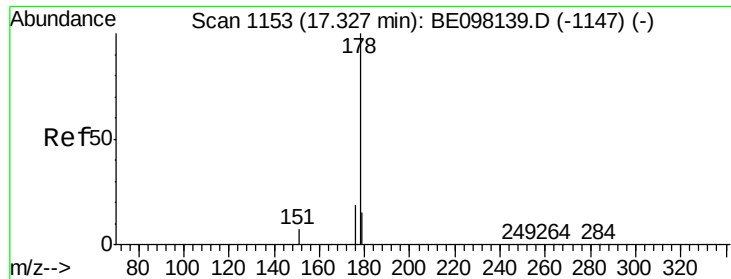
Tgt Ion:284 Resp: 2111
Ion Ratio Lower Upper
284 100
142 34.4 25.9 38.9
249 33.5 26.6 40.0



#22
Pentachlorophenol
Concen: 0.499 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098177.D
Acq: 7 Nov 2018 17:04

Tgt Ion:266 Resp: 543
Ion Ratio Lower Upper
266 100
264 65.2 51.3 76.9
268 66.5 50.1 75.1





#23

Phenanthrene

Concen: 0.408 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

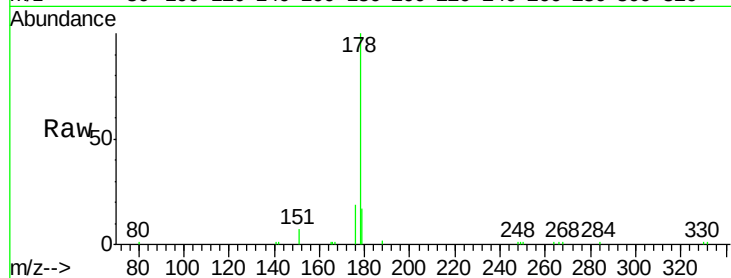
Tgt Ion:178 Resp: 7988

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

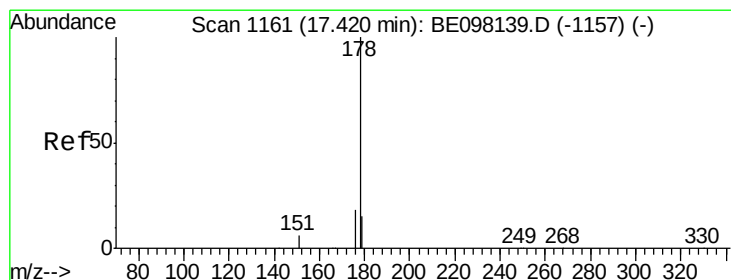
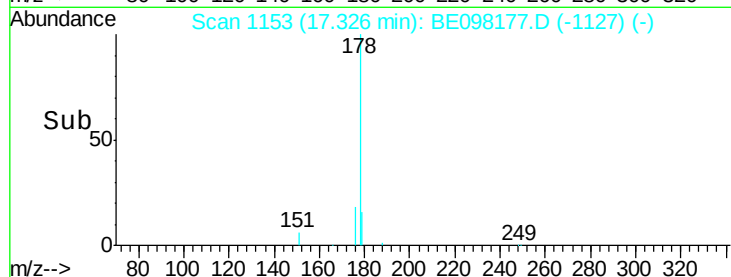
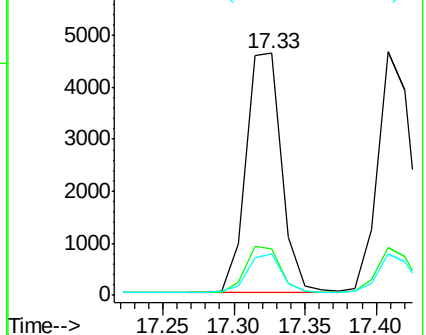
179 15.3 12.2 18.4



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



#24

Anthracene

Concen: 0.409 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

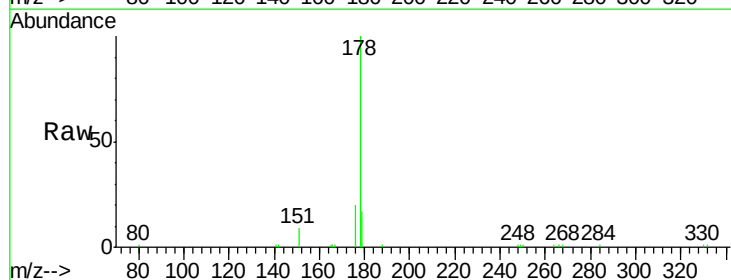
Tgt Ion:178 Resp: 7609

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

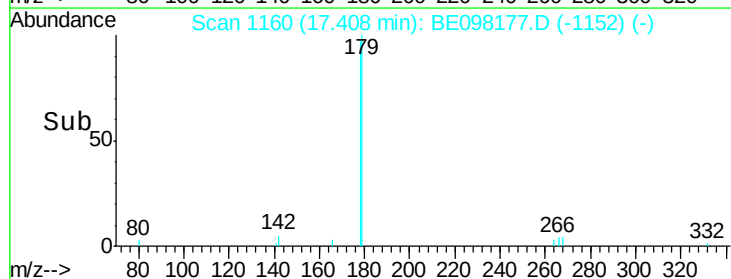
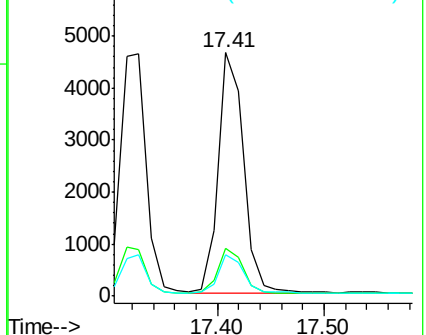
179 15.6 11.9 17.9

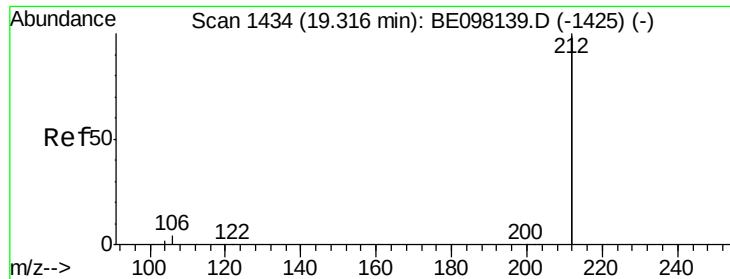


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.32 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

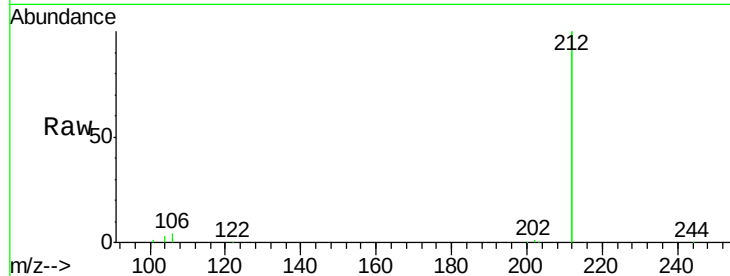
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

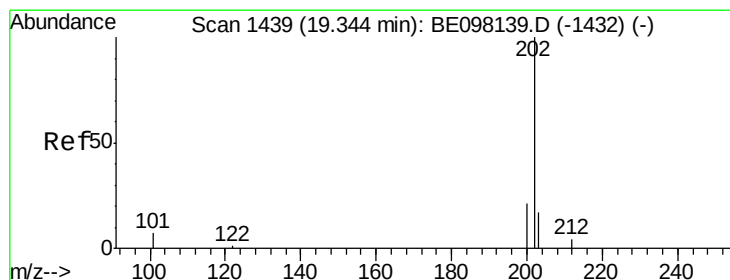
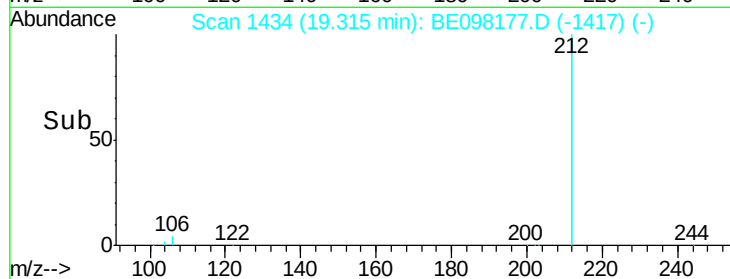
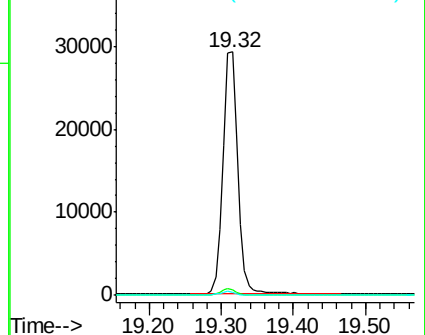
Tgt Ion:	212	Resp:	41318
Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.3	3.5#
104	1.4	1.3	1.9



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: 0.409 ng

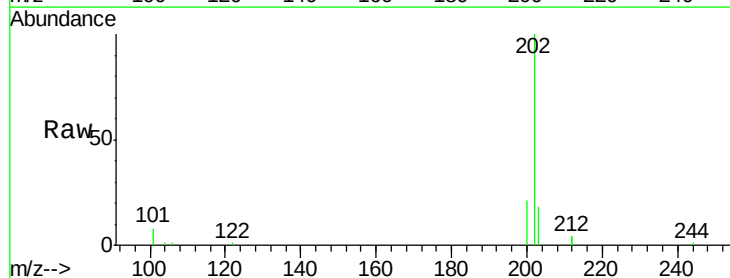
RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

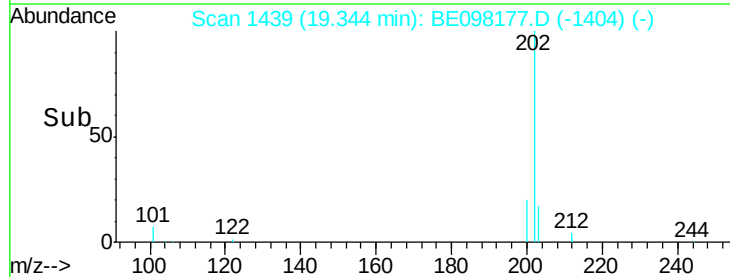
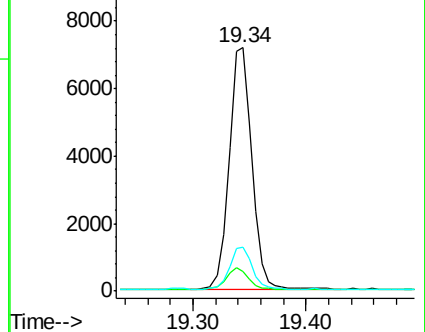
Tgt Ion:	202	Resp:	10031
Ion	Ratio	Lower	Upper
202	100		
101	8.6	8.2	12.2
203	16.9	15.0	22.4

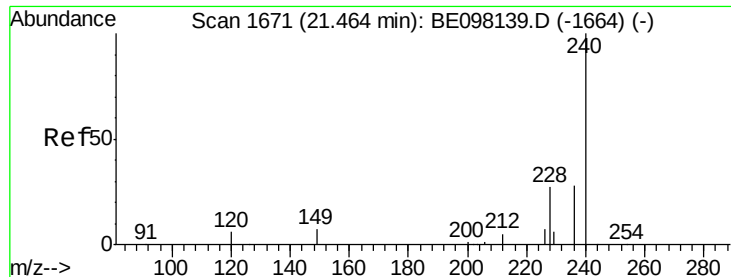


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

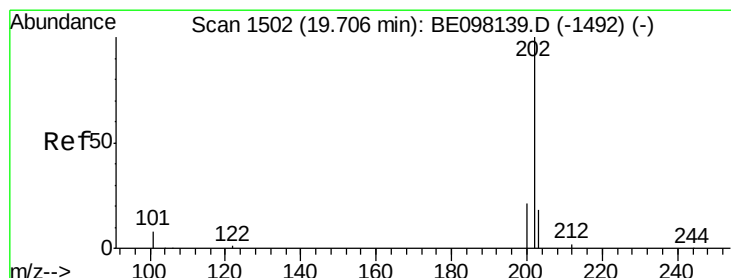
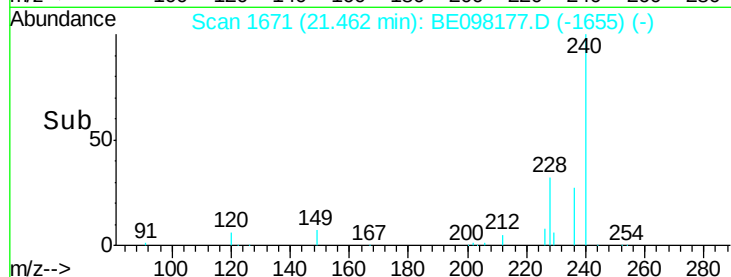
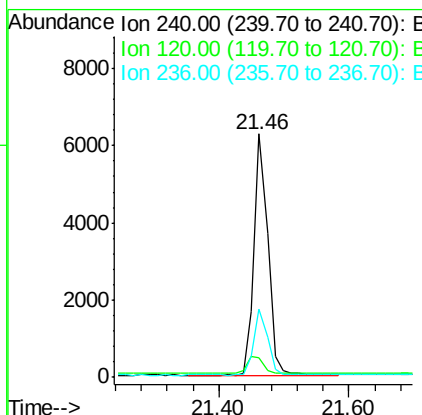
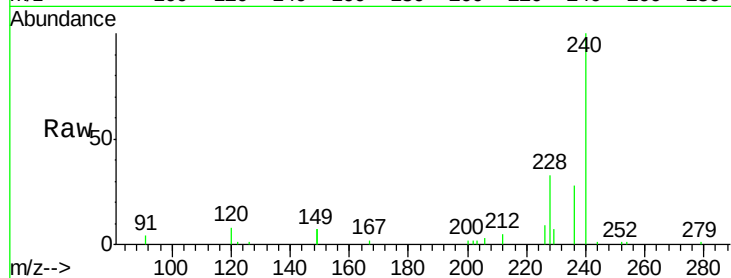




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098177.D
 Acq: 7 Nov 2018 17:04

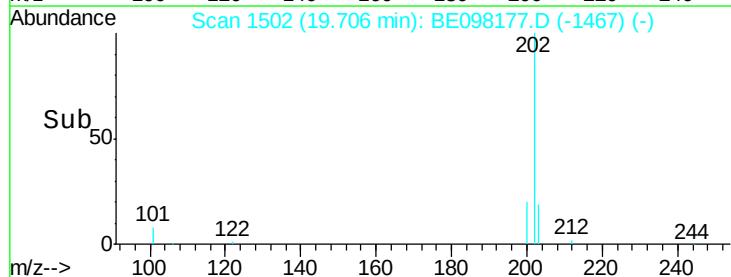
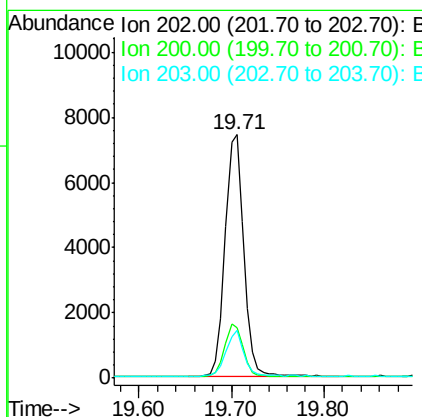
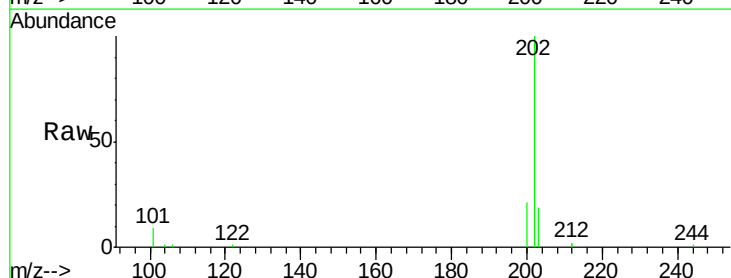
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

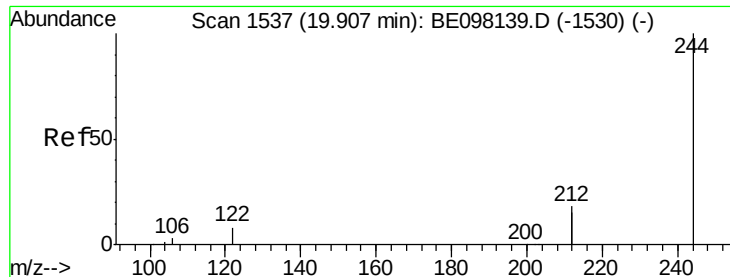
Tgt Ion:240 Resp: 9014
 Ion Ratio Lower Upper
 240 100
 120 8.1 7.1 10.7
 236 27.8 21.3 31.9



#28
 Pyrene
 Concen: 0.419 ng
 RT: 19.71 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BE098177.D
 Acq: 7 Nov 2018 17:04

Tgt Ion:202 Resp: 10314
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.0 25.4
 203 17.8 14.2 21.4





#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

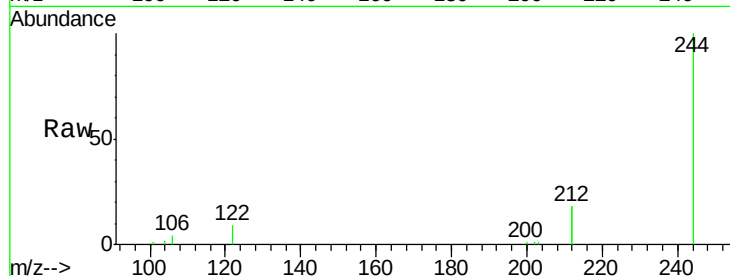
Tgt Ion:244 Resp: 8733

Ion Ratio Lower Upper

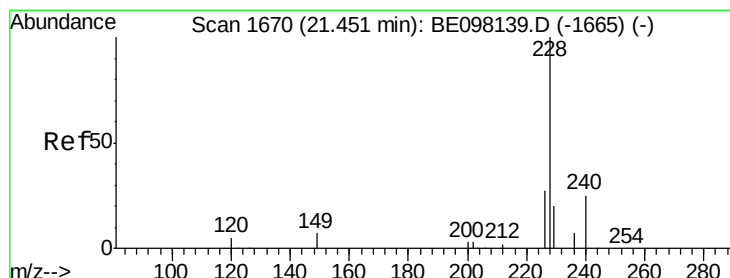
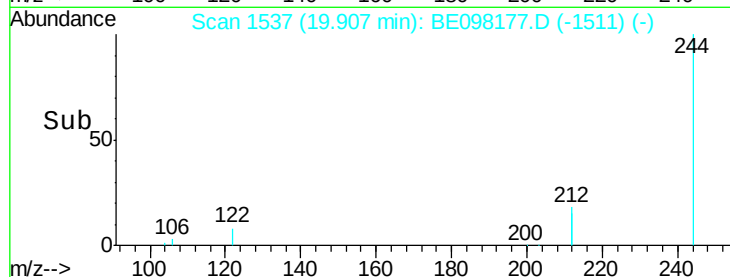
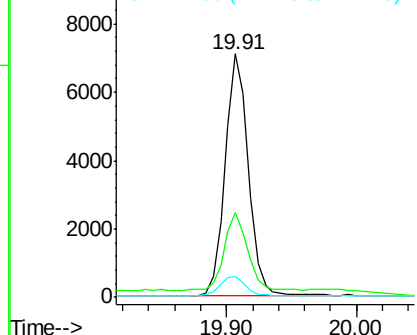
244 100

212 35.0 26.2 39.2

122 8.8 7.7 11.5



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: 0.417 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

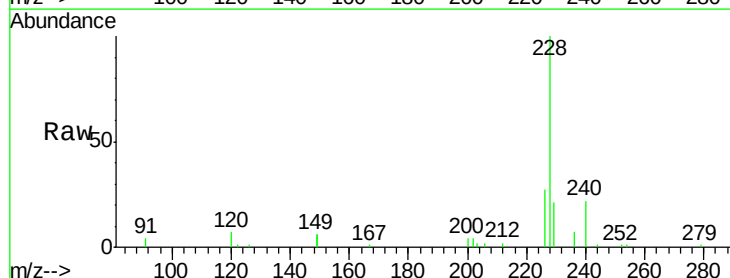
Tgt Ion:228 Resp: 10986

Ion Ratio Lower Upper

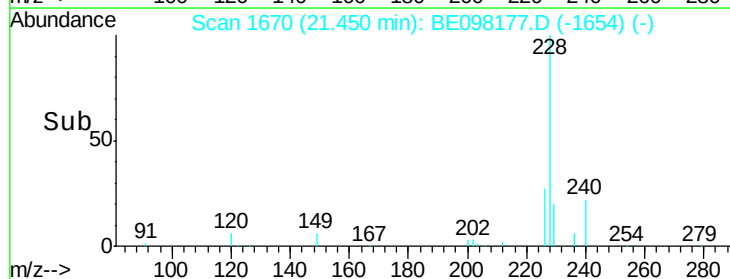
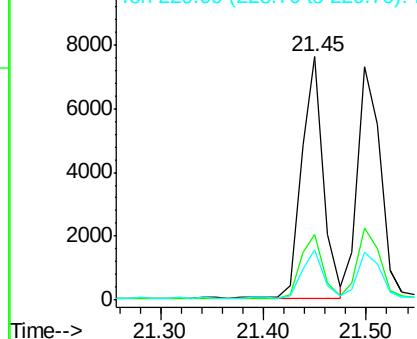
228 100

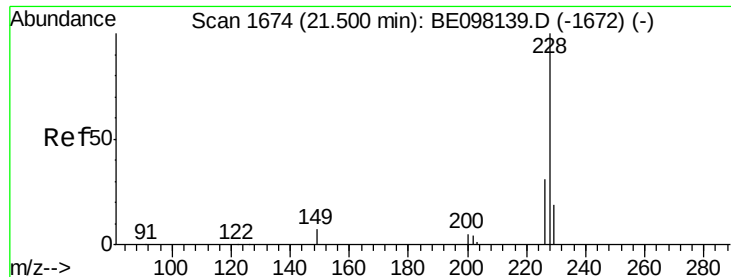
226 27.1 22.6 33.8

229 20.6 16.9 25.3



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: 0.421 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

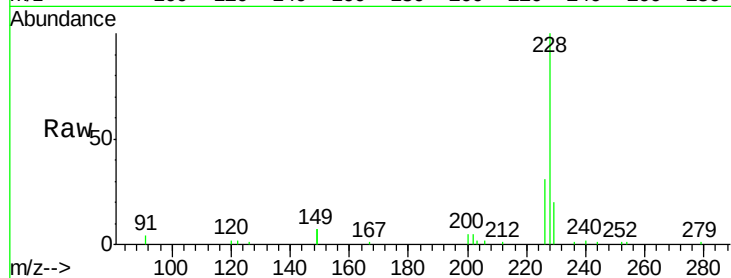
Tgt Ion:228 Resp: 10973

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

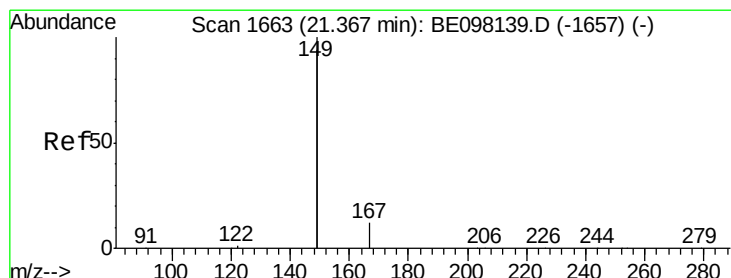
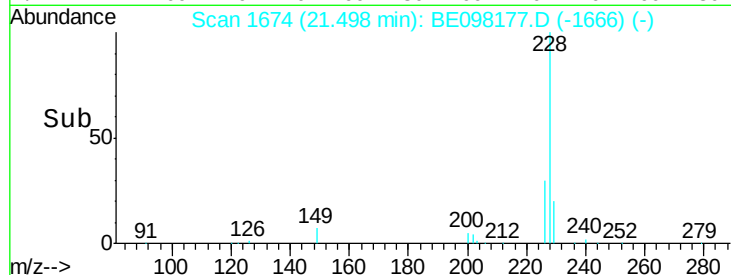
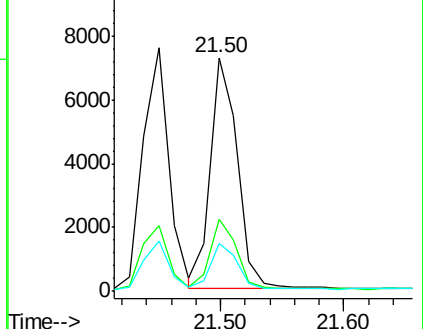
229 20.3 17.3 25.9



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: 0.294 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

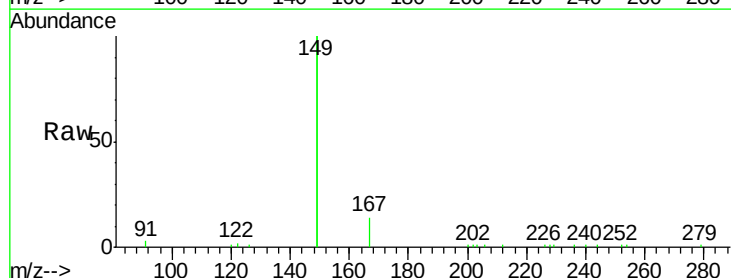
Tgt Ion:149 Resp: 25915

Ion Ratio Lower Upper

149 100

167 7.5 5.6 8.4

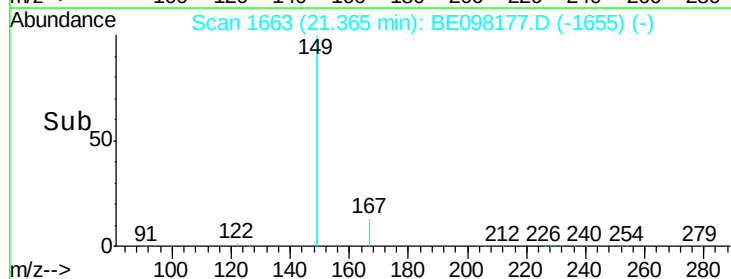
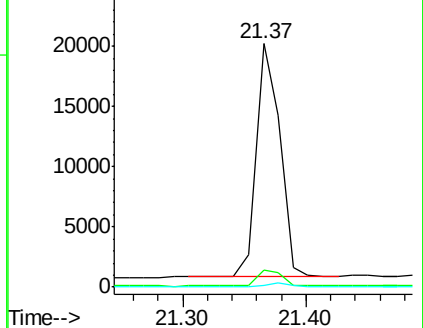
279 1.2 0.9 1.3

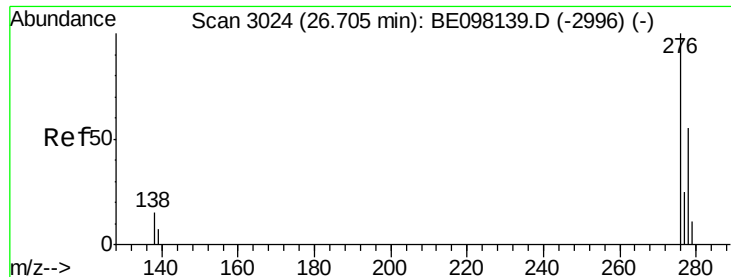


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.407 ng

RT: 26.70 min Scan# 3023

Delta R.T. -0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

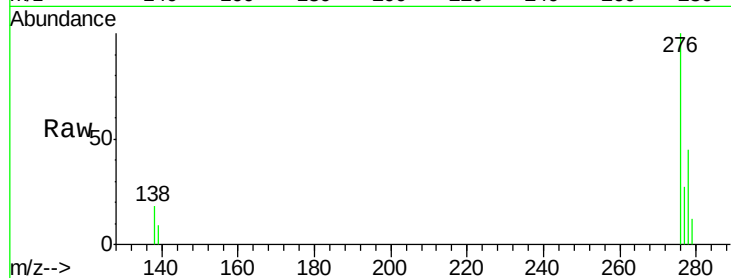
Tgt Ion:276 Resp: 11035

Ion Ratio Lower Upper

276 100

138 16.8 17.0 25.6#

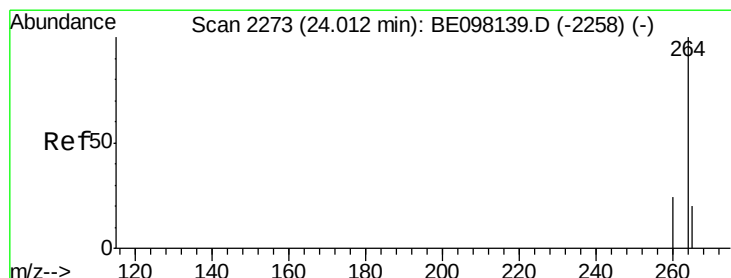
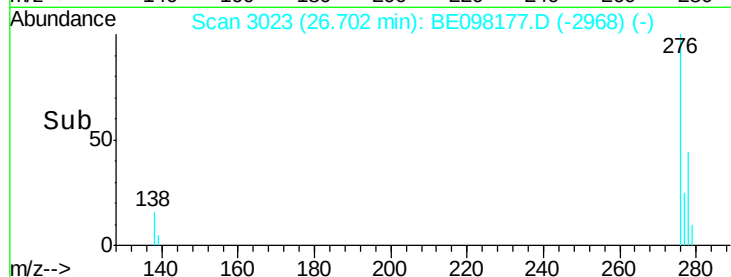
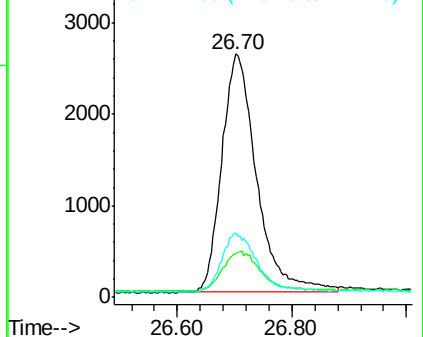
277 24.5 20.5 30.7



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: 24.02 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

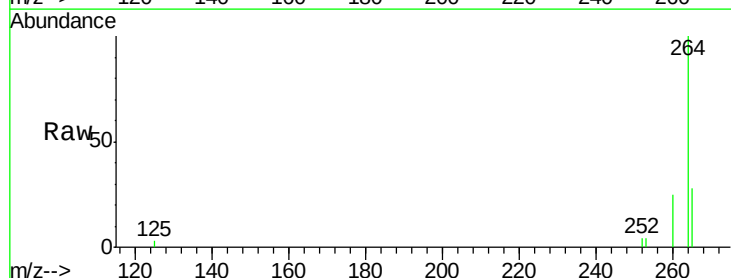
Tgt Ion:264 Resp: 8741

Ion Ratio Lower Upper

264 100

260 24.7 21.1 31.7

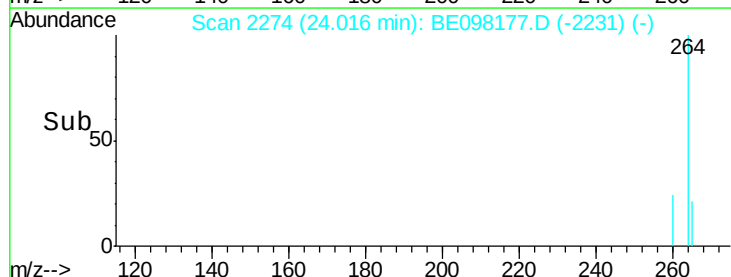
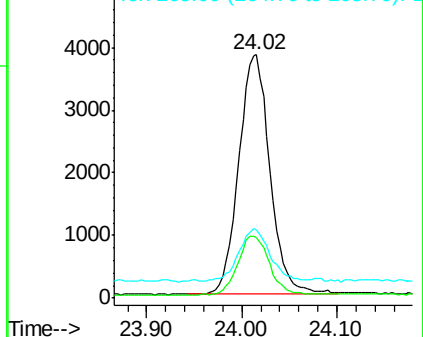
265 28.2 29.2 43.8#

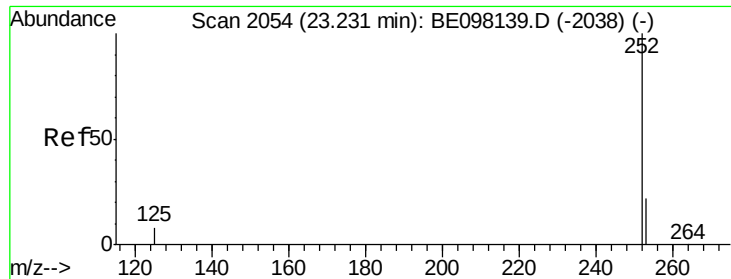


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.406 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

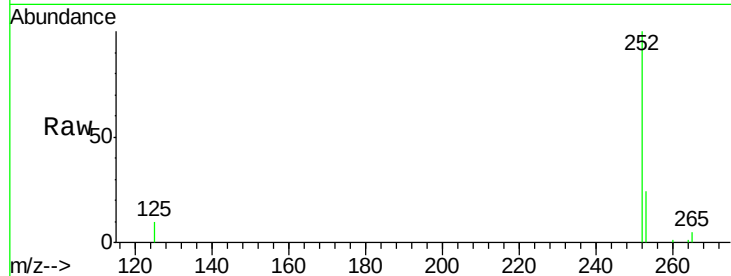
Tgt Ion:252 Resp: 9983

Ion Ratio Lower Upper

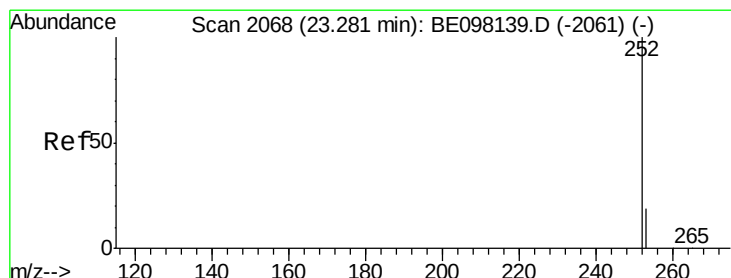
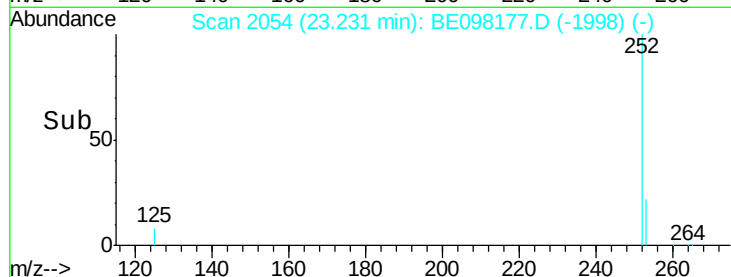
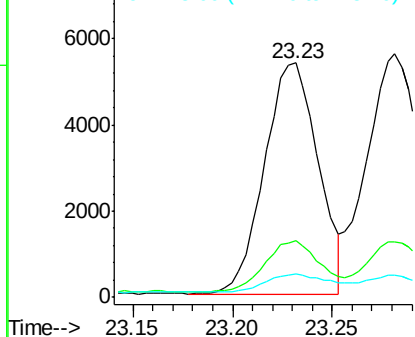
252 100

253 24.0 20.6 31.0

125 9.8 14.3 21.5#



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: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098177.D

Acq: 7 Nov 2018 17:04

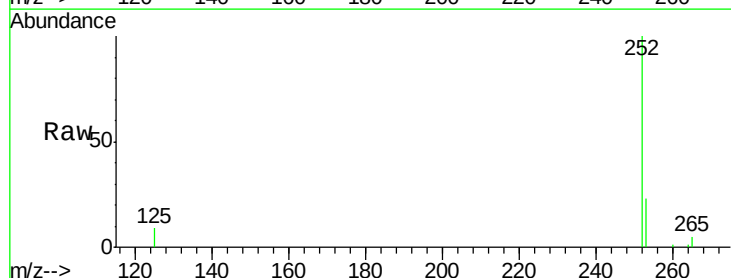
Tgt Ion:252 Resp: 10718

Ion Ratio Lower Upper

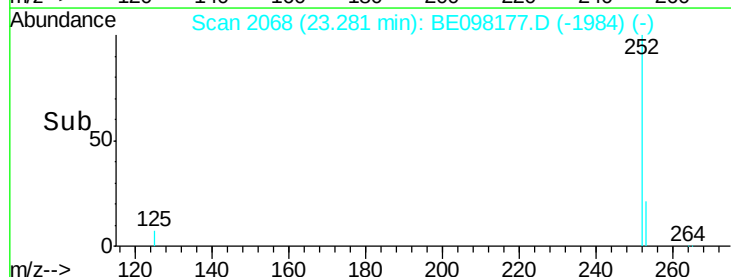
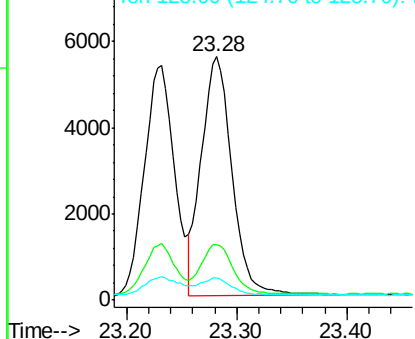
252 100

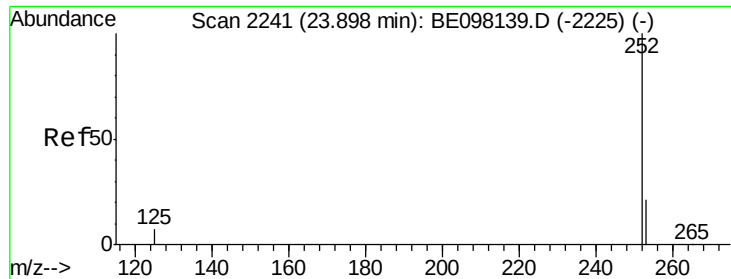
253 22.6 20.4 30.6

125 9.3 14.6 21.8#



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

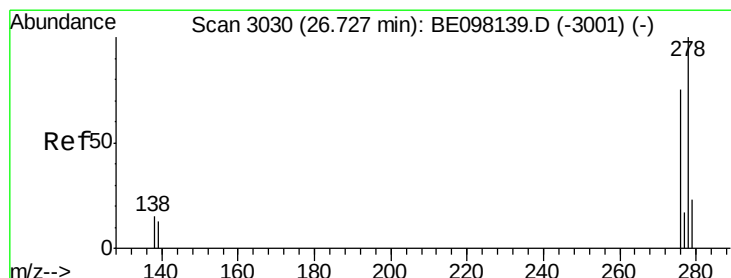
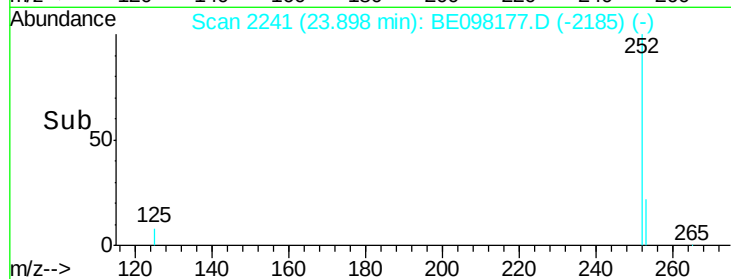
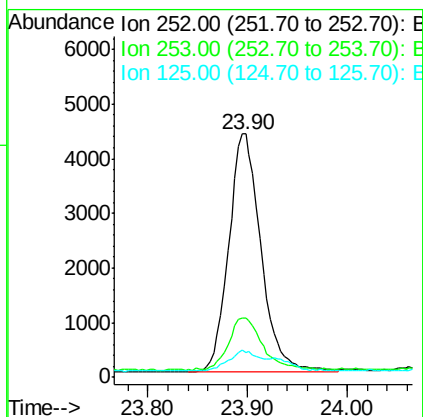
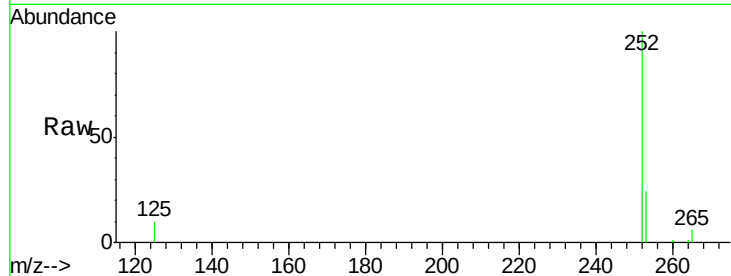




#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098177.D
Acq: 7 Nov 2018 17:04

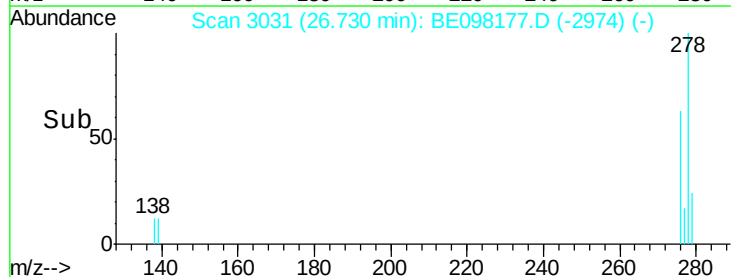
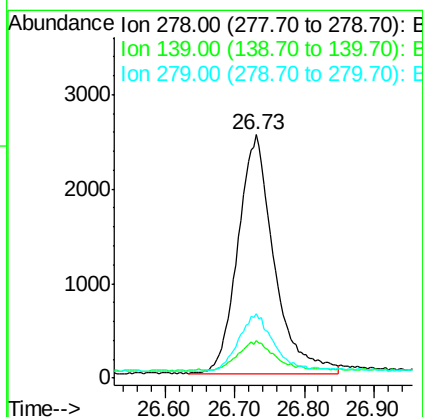
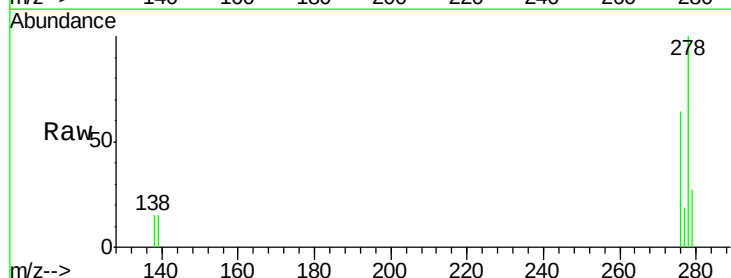
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

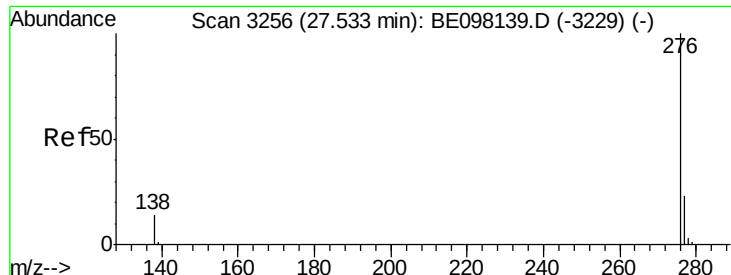
Tgt Ion: 252 Resp: 9846
Ion Ratio Lower Upper
252 100
253 24.3 20.6 31.0
125 10.2 15.6 23.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098177.D
Acq: 7 Nov 2018 17:04

Tgt Ion: 278 Resp: 9059
Ion Ratio Lower Upper
278 100
139 15.3 16.3 24.5#
279 26.6 21.4 32.2





#39

Benzo(g,h,i)perylene

Concen: 0.404 ng

RT: 27.53 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BE098177.D

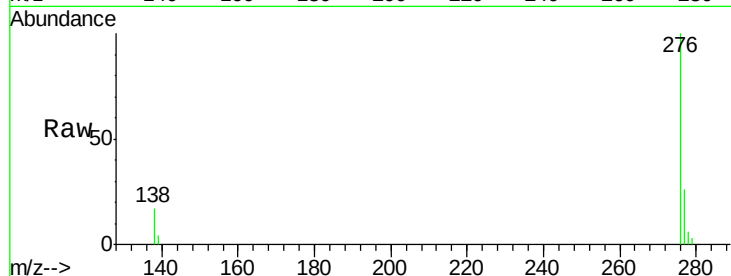
Acq: 7 Nov 2018 17:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



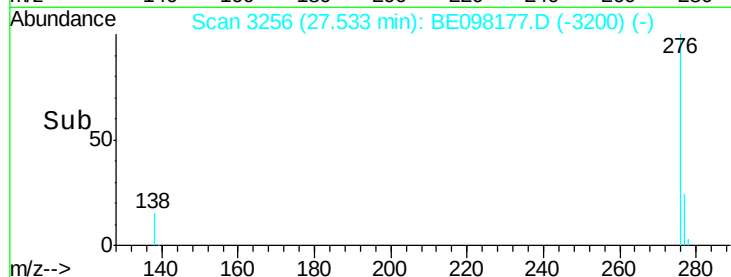
Tgt Ion: 276 Resp: 9034

Ion Ratio Lower Upper

276 100

277 26.5 22.1 33.1

138 17.1 19.3 28.9#



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

