

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111218\
 Data File : BE098197.D
 Acq On : 12 Nov 2018 19:27
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

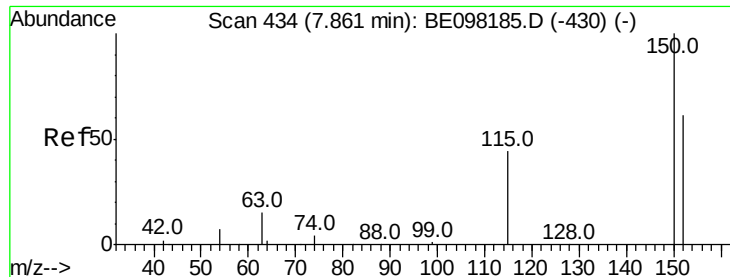
Quant Time: Nov 13 00:10:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1231	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5901	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3992	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9510	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11235	0.40	ng	0.00
34) Perylene-d12	24.01	264	10499	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1366	0.39	ng	0.00
5) Phenol-d6	7.04	99	2198	0.39	ng	0.00
8) Nitrobenzene-d5	9.02	82	2358	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4068	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	630	0.36	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	6224	0.37	ng	0.01
25) Fluoranthene-d10	19.31	212	44660	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	9285	0.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	764	0.413	ng	96
3) n-Nitrosodimethylamine	3.69	42	936	0.387	ng	# 89
6) bis(2-Chloroethyl)ether	7.29	93	1666	0.370	ng	97
9) Naphthalene	10.72	128	23525	0.392	ng	99
10) Hexachlorobutadiene	11.00	225	1501	0.402	ng	96
12) 2-Methylnaphthalene	12.34	142	4169	0.400	ng	95
16) Acenaphthylene	14.25	152	7126	0.389	ng	99
17) Acenaphthene	14.60	154	4423	0.396	ng	98
18) Fluorene	15.58	166	5647	0.395	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	2222	0.383	ng	93
21) Hexachlorobenzene	16.59	284	2299	0.381	ng	97
22) Pentachlorophenol	16.94	266	480	0.437	ng	96
23) Phenanthrene	17.31	178	9113	0.385	ng	99
24) Anthracene	17.41	178	8403	0.381	ng	98
26) Fluoranthene	19.34	202	11046	0.377	ng	99
28) Pyrene	19.70	202	11510	0.372	ng	99
30) Benzo(a)anthracene	21.45	228	11847	0.371	ng	99
31) Chrysene	21.50	228	11973	0.369	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	25666	0.387	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	11137	0.375	ng	# 89
35) Benzo(b)fluoranthene	23.23	252	11133	0.374	ng	99
36) Benzo(k)fluoranthene	23.28	252	12325	0.392	ng	99
37) Benzo(a)pyrene	23.90	252	10846	0.380	ng	98
38) Dibenzo(a,h)anthracene	26.72	278	9695	0.398	ng	98
39) Benzo(g,h,i)perylene	27.53	276	9510	0.374	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

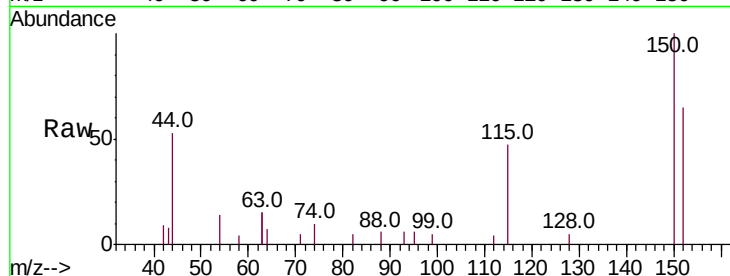
Tot Ion:152 Resp: 1231

Ion Ratio Lower Upper

152 100

150 153.8 127.5 191.3

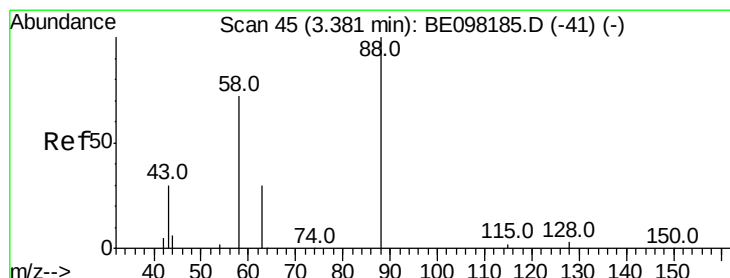
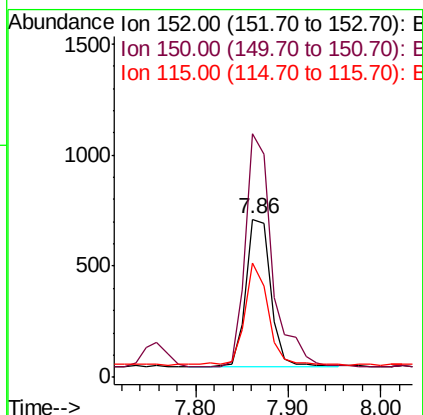
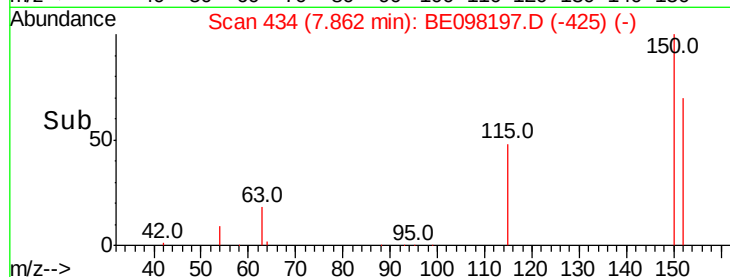
115 71.9 60.3 90.5



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: 0.413 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

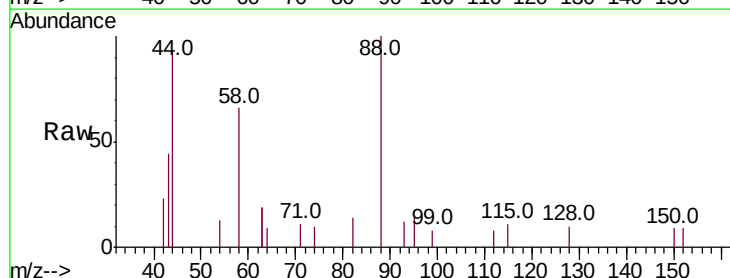
Tgt Ion: 88 Resp: 764

Ion Ratio Lower Upper

88 100

58 93.5 79.0 118.4

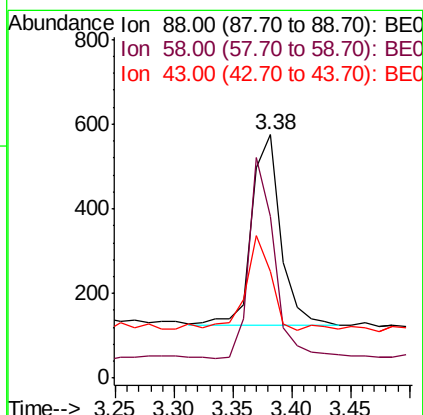
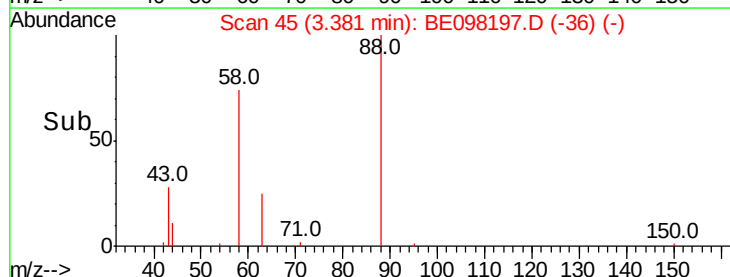
43 46.7 38.1 57.1

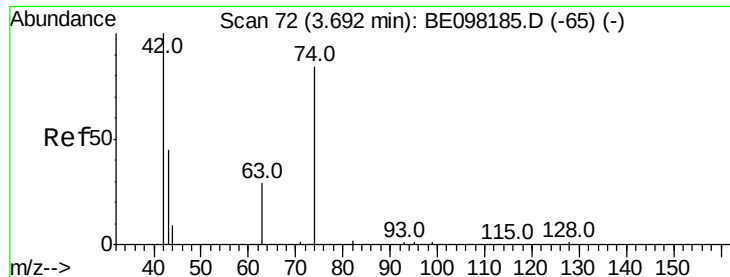


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



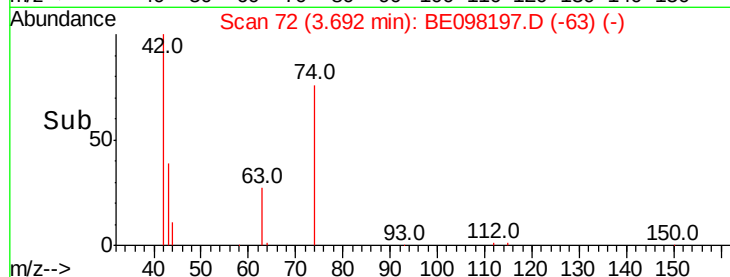
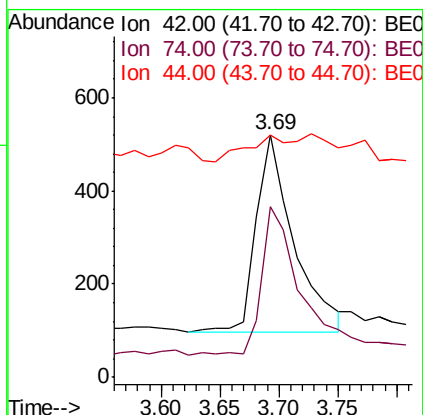
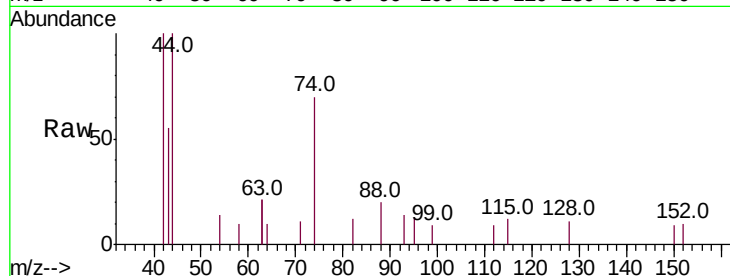


#3

n-Nitrosodimethylamine
 Concen: 0.387 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098197.D
 Acq: 12 Nov 2018 19:27

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

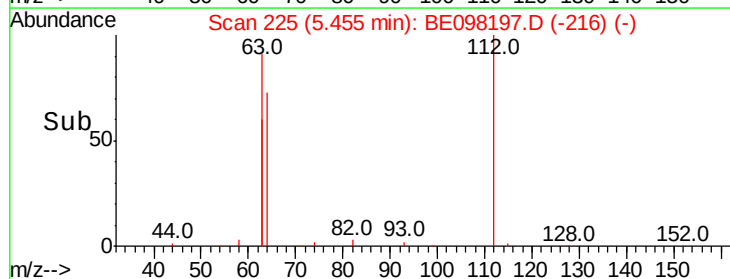
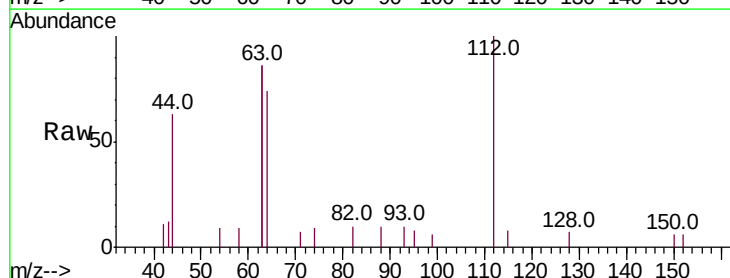
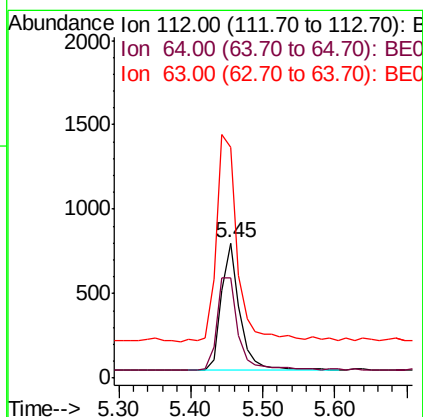
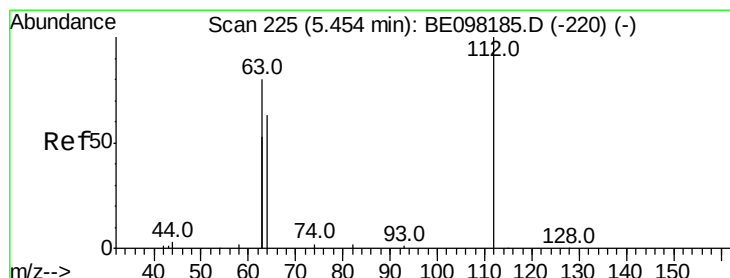
Tot Ion: 42 Resp: 936
 Ion Ratio Lower Upper
 42 100
 74 73.7 61.7 92.5
 44 0.0 14.0 21.0#

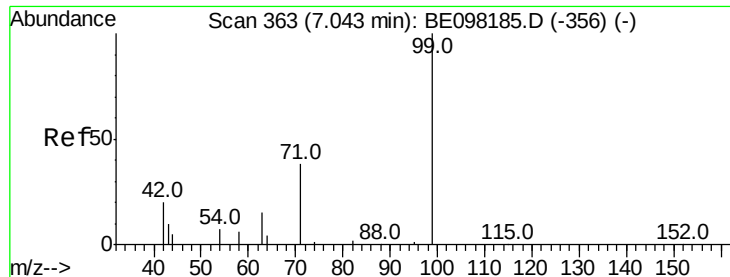


#4

2-Fluorophenol
 Concen: 0.393 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098197.D
 Acq: 12 Nov 2018 19:27

Tgt Ion: 112 Resp: 1366
 Ion Ratio Lower Upper
 112 100
 64 84.5 61.7 92.5
 63 178.8 136.2 204.2





#5

Phenol-d6

Concen: 0.394 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

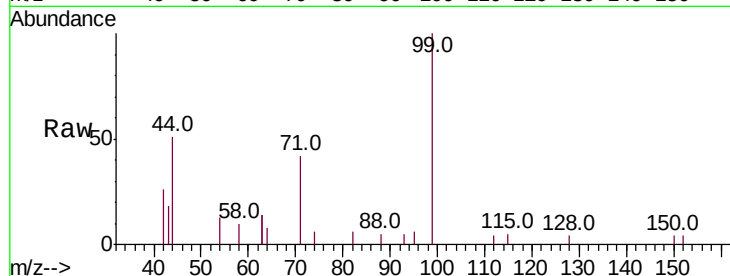
Tot Ion: 99 Resp: 2198

Ion Ratio Lower Upper

99 100

42 30.0 27.1 40.7

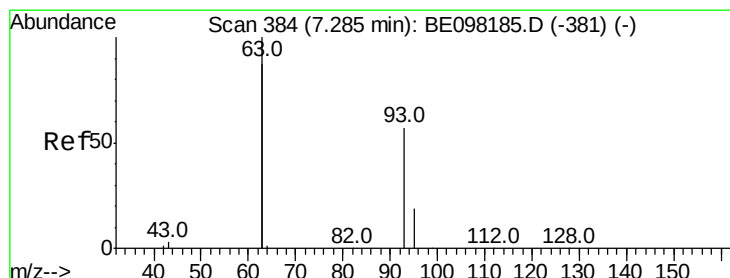
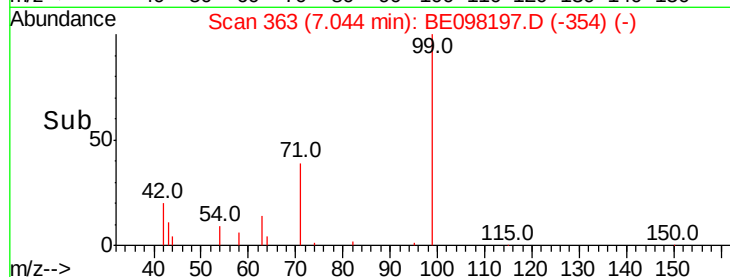
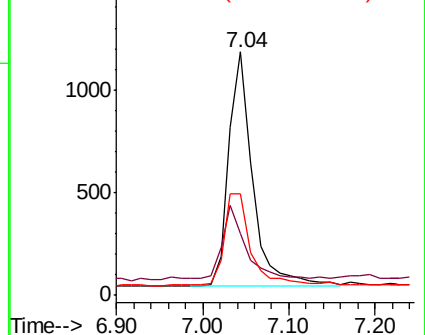
71 43.3 37.0 55.6



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: 0.370 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

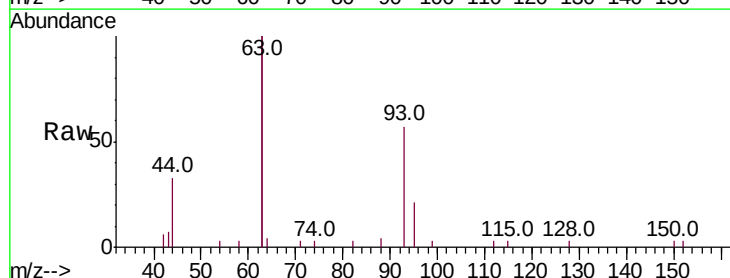
Tgt Ion: 93 Resp: 1666

Ion Ratio Lower Upper

93 100

63 347.6 272.6 409.0

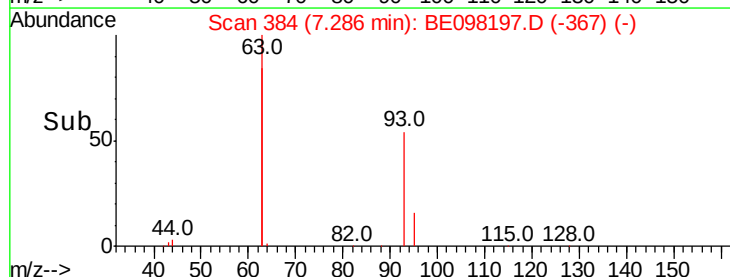
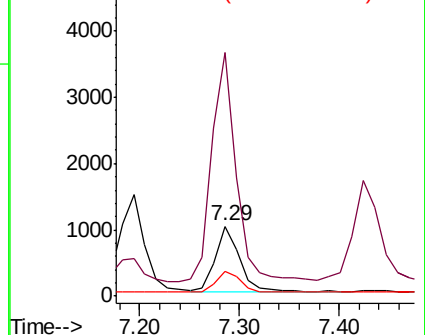
95 34.2 27.1 40.7

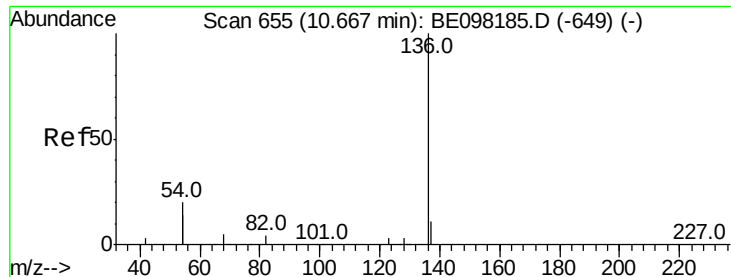


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 5901

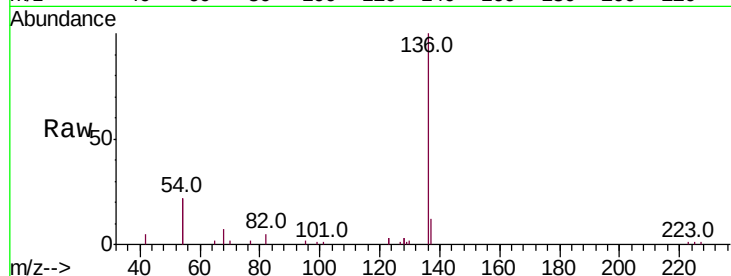
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 44.4 31.3 46.9

68 6.8 4.8 7.2

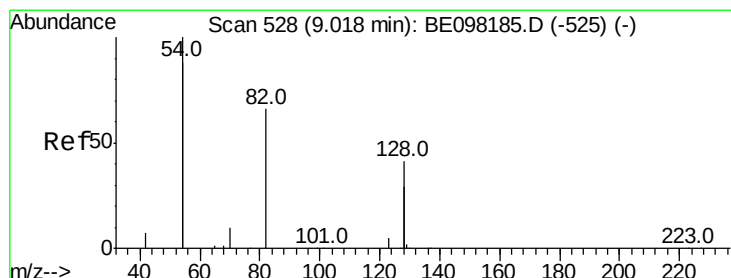
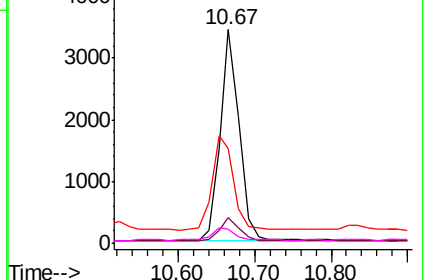
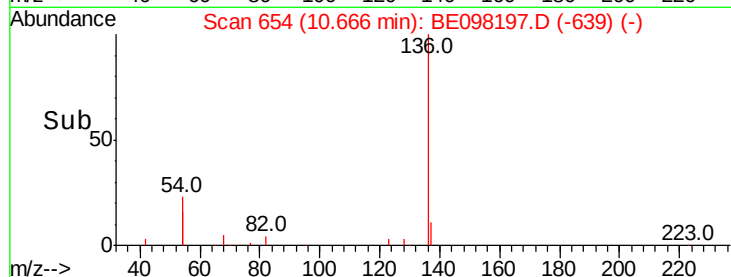


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

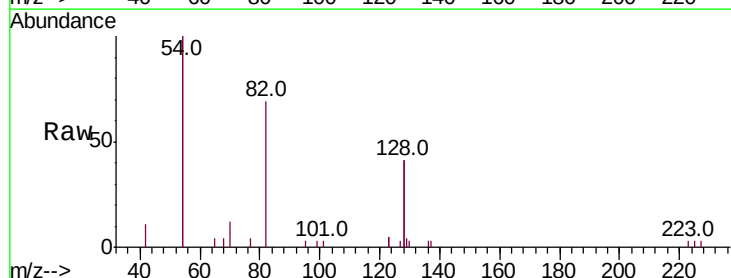
Tgt Ion: 82 Resp: 2358

Ion Ratio Lower Upper

82 100

128 119.7 96.1 144.1

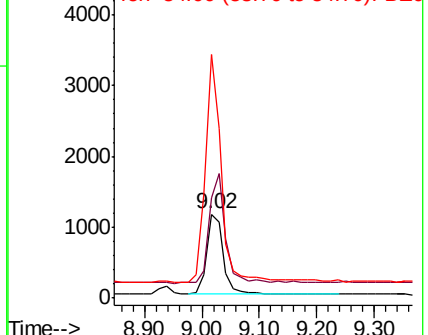
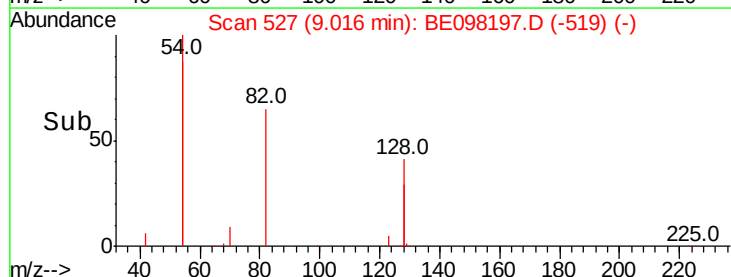
54 290.1 232.0 348.0

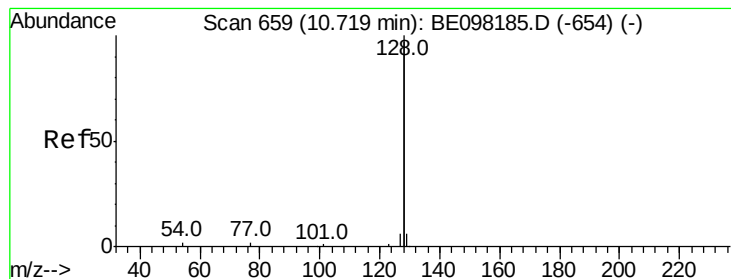


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.392 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

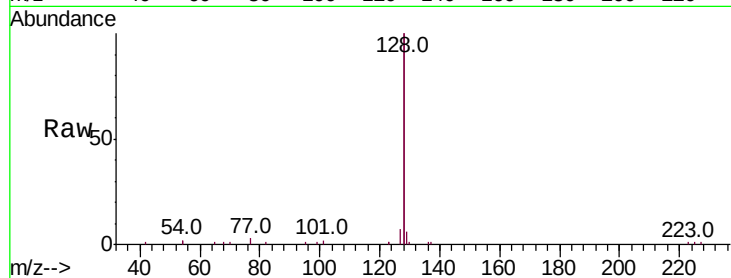
Tot Ion:128 Resp: 23525

Ion Ratio Lower Upper

128 100

129 2.9 2.6 4.0

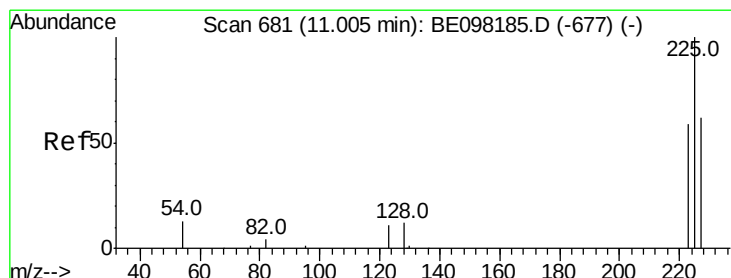
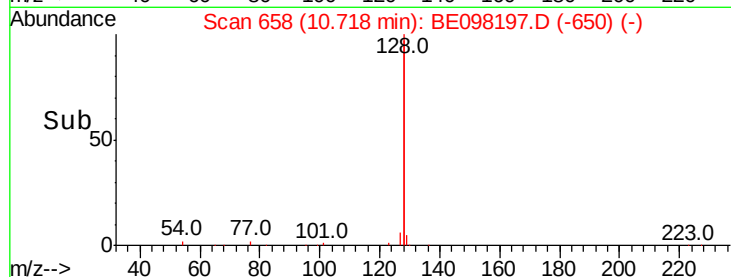
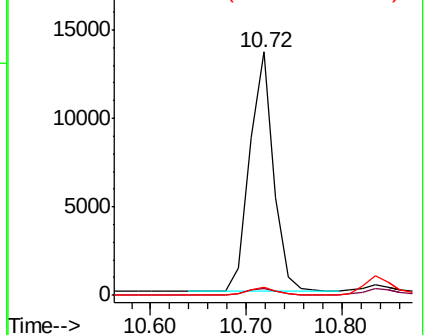
127 3.5 2.8 4.2



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: 0.402 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

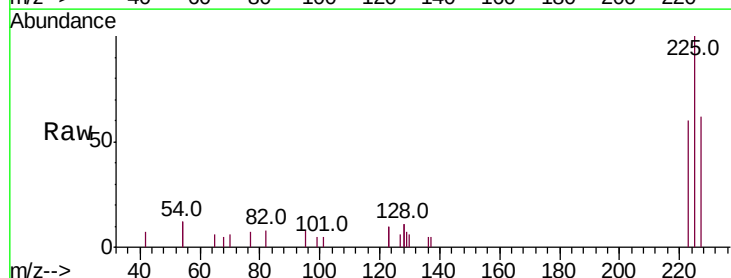
Tgt Ion:225 Resp: 1501

Ion Ratio Lower Upper

225 100

223 60.2 50.5 75.7

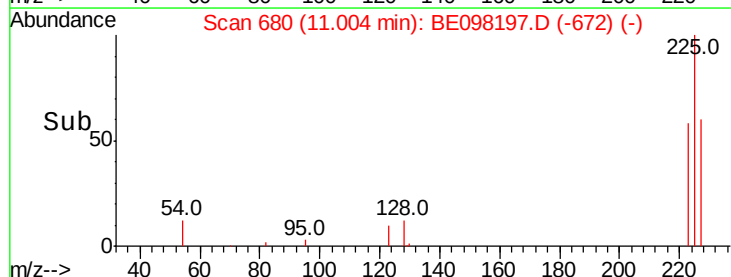
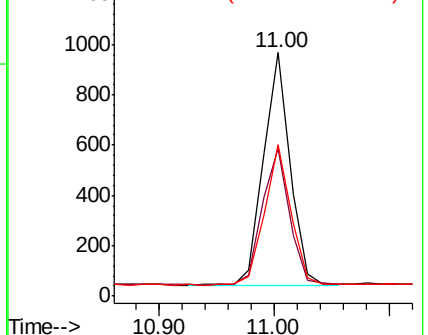
227 59.8 50.3 75.5

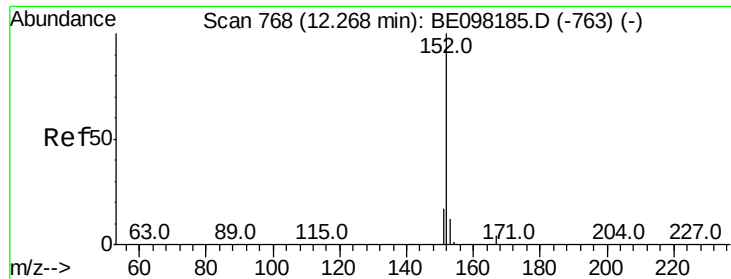


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

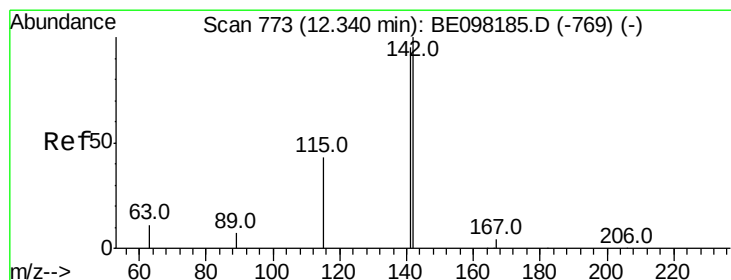
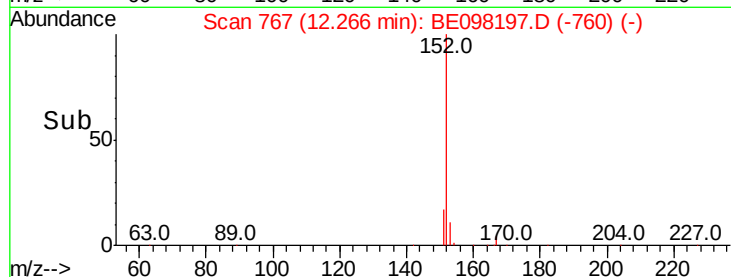
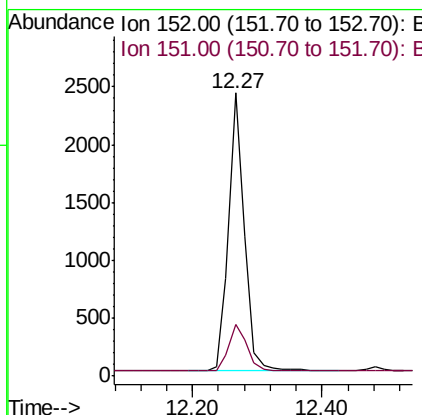
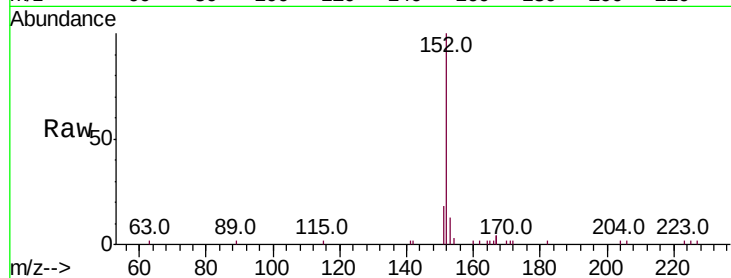




#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098197.D
 Acq: 12 Nov 2018 19:27

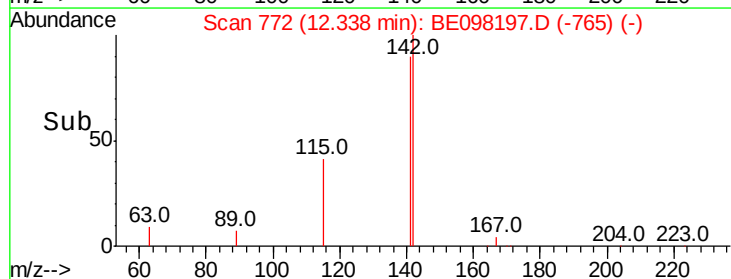
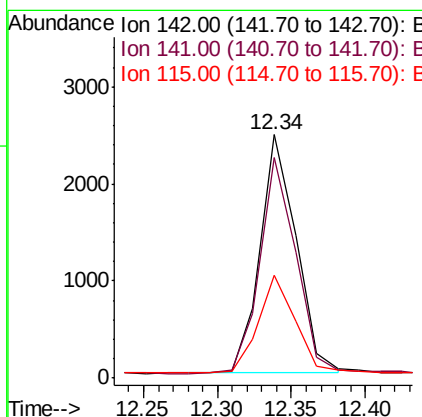
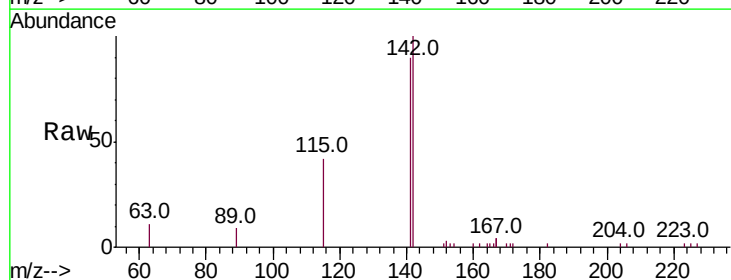
Instrument :
 BNA_E
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 SSTDCCC0.4

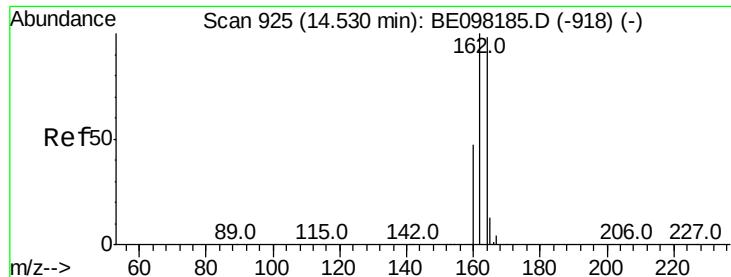
Tot Ion:152 Resp: 4068
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.400 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098197.D
 Acq: 12 Nov 2018 19:27

Tgt Ion:142 Resp: 4169
 Ion Ratio Lower Upper
 142 100
 141 90.4 76.3 114.5
 115 42.4 35.8 53.8

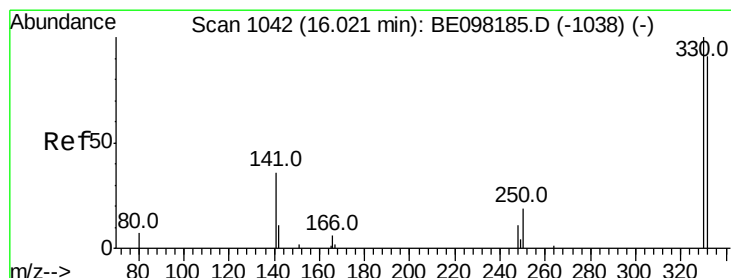
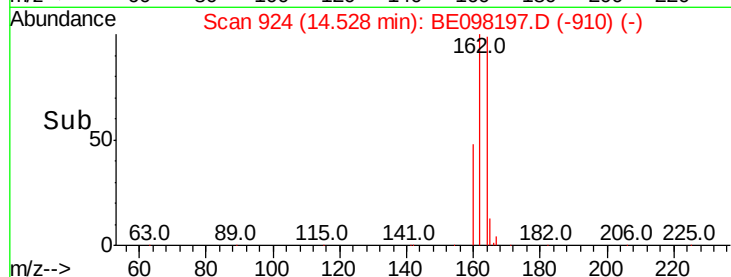
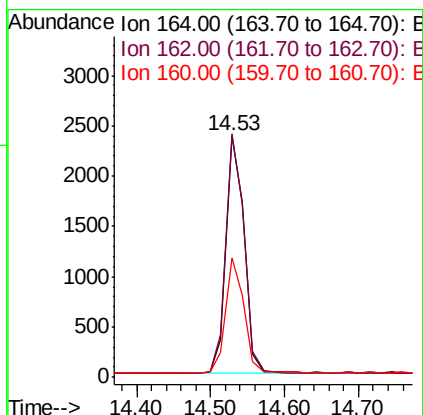
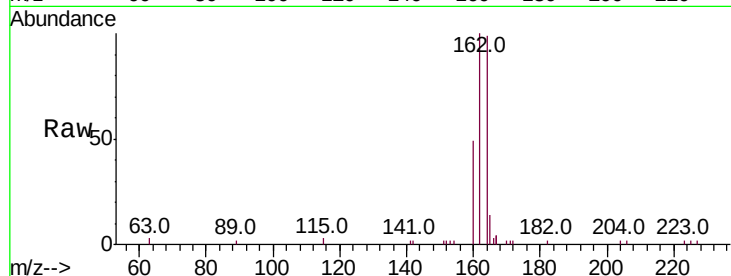




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

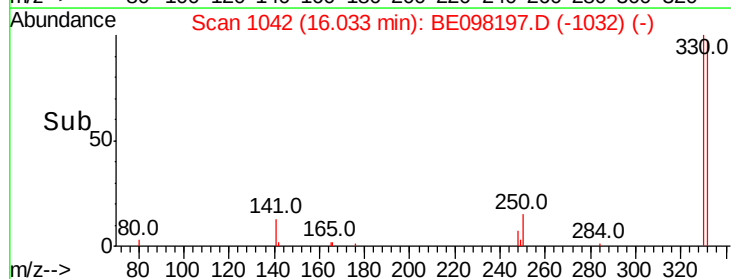
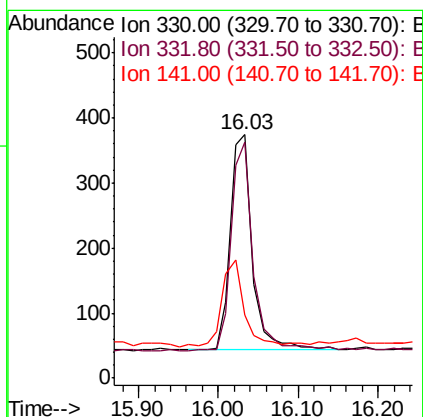
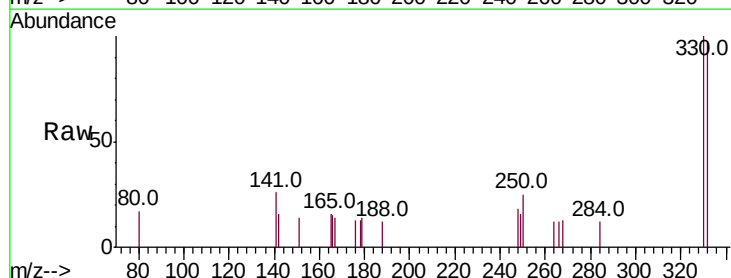
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

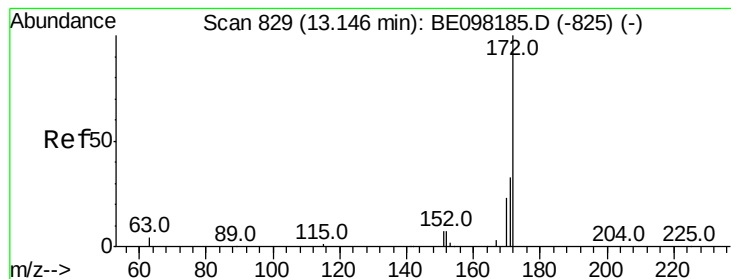
Tot Ion:164 Resp: 3992
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 49.6 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:330 Resp: 630
Ion Ratio Lower Upper
330 100
332 97.6 77.7 116.5
141 40.0 33.6 50.4





#15

2-Fluorobiphenyl

Concen: 0.372 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

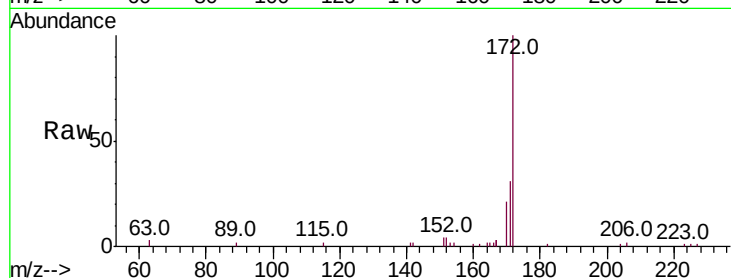
Tot Ion:172 Resp: 6224

Ion Ratio Lower Upper

172 100

171 31.5 27.3 40.9

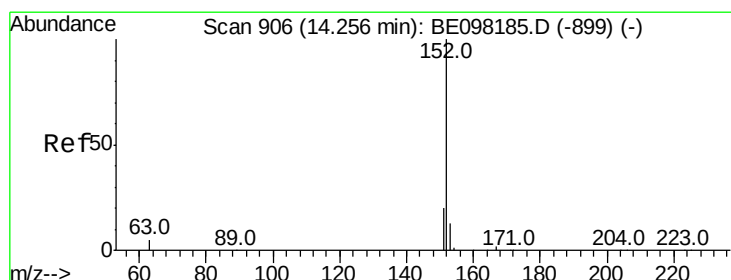
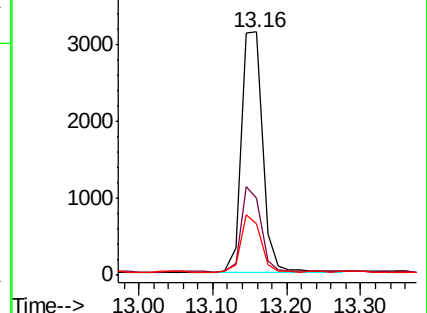
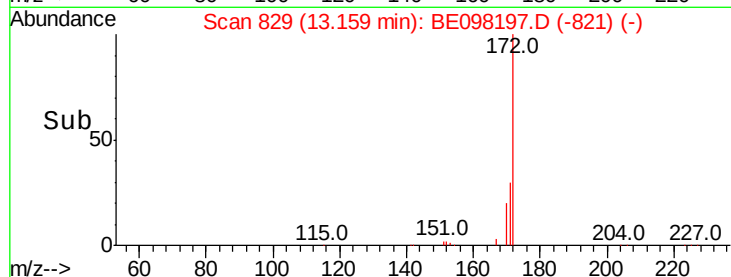
170 21.2 19.4 29.0



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: 0.389 ng

RT: 14.25 min Scan# 905

Delta R.T. -0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

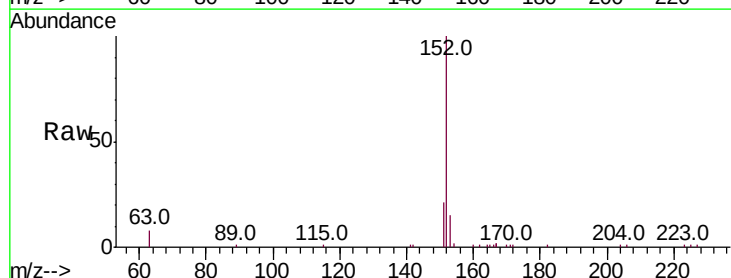
Tgt Ion:152 Resp: 7126

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

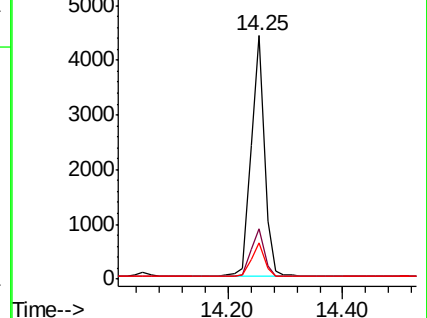
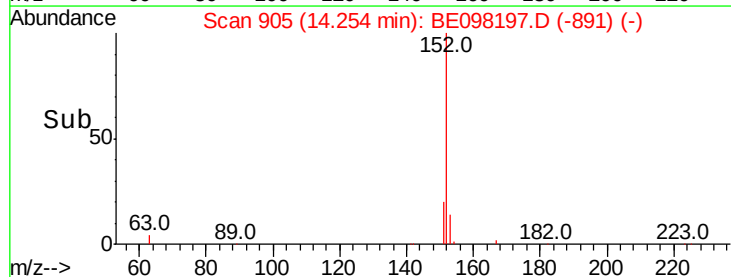
153 13.8 10.6 15.8

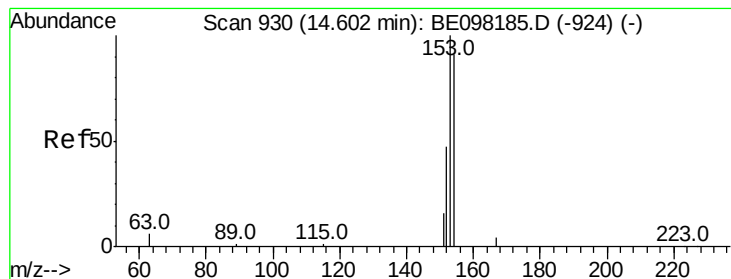


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.396 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

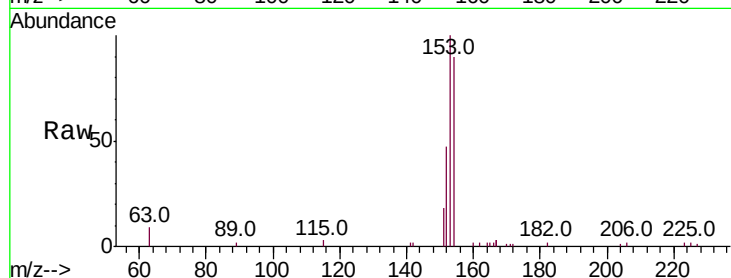
Tot Ion:154 Resp: 4423

Ion Ratio Lower Upper

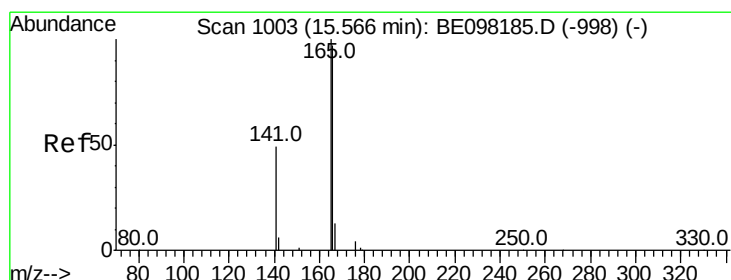
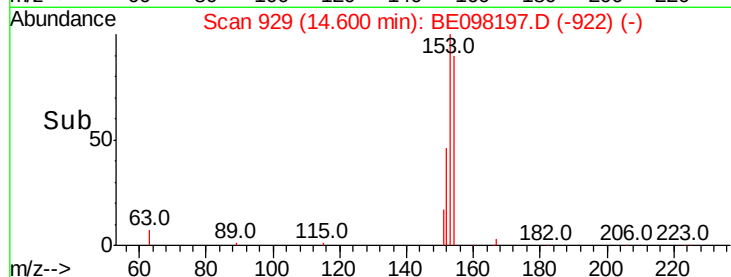
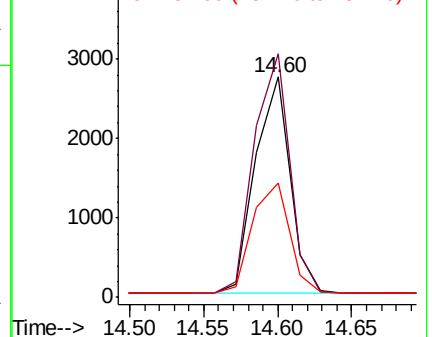
154 100

153 114.0 92.1 138.1

152 55.5 46.2 69.2



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: 0.395 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

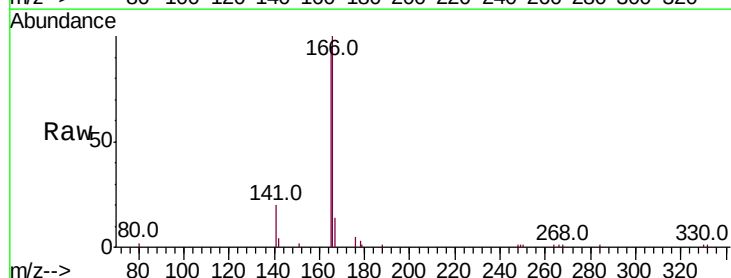
Tgt Ion:166 Resp: 5647

Ion Ratio Lower Upper

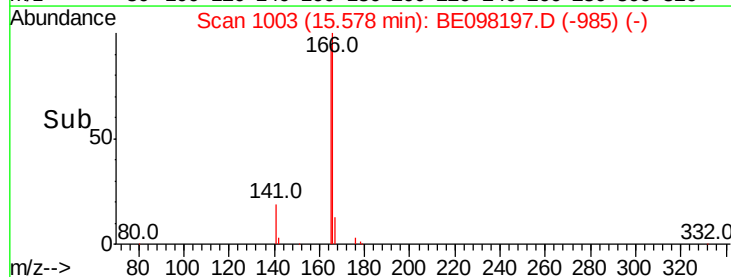
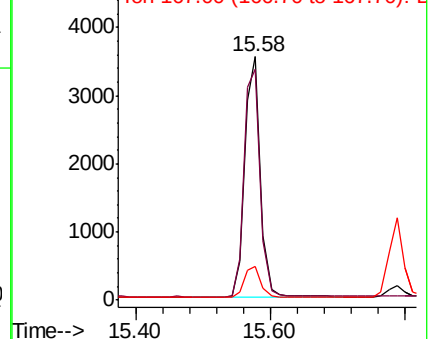
166 100

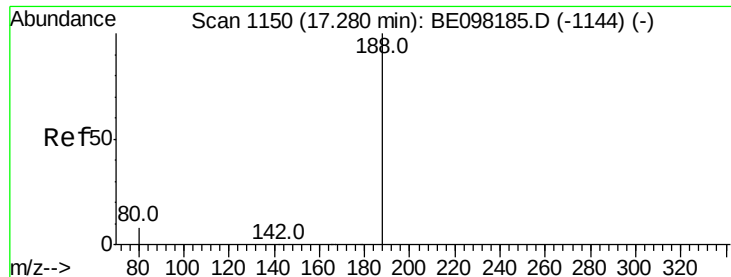
165 99.3 80.1 120.1

167 13.6 10.8 16.2



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: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

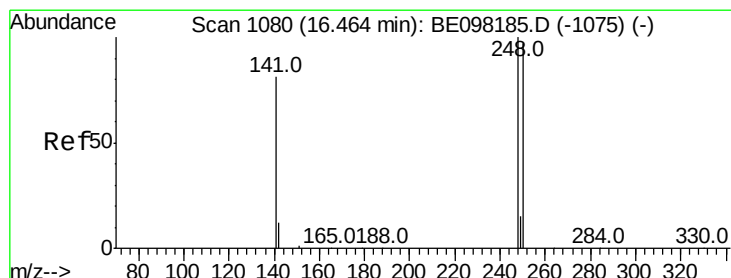
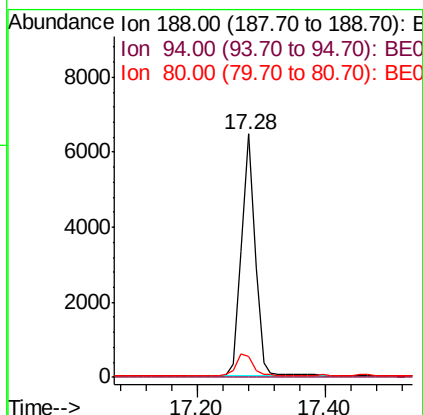
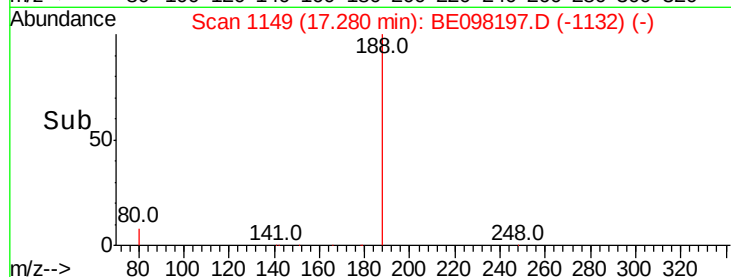
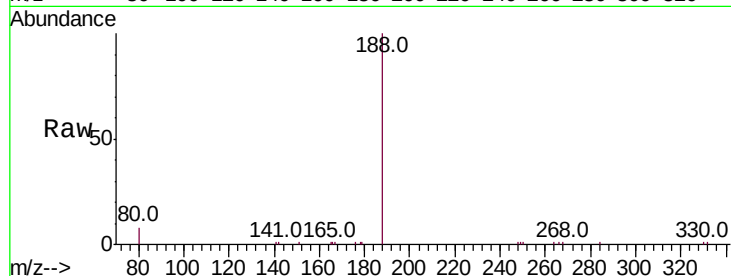
Tot Ion:188 Resp: 9510

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.383 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

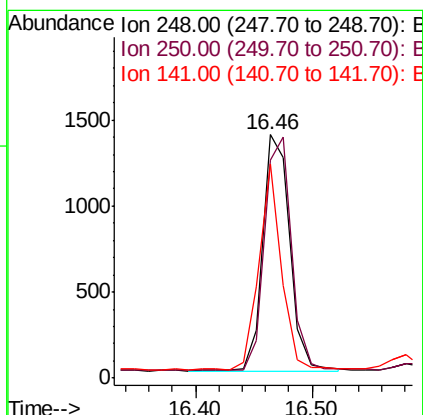
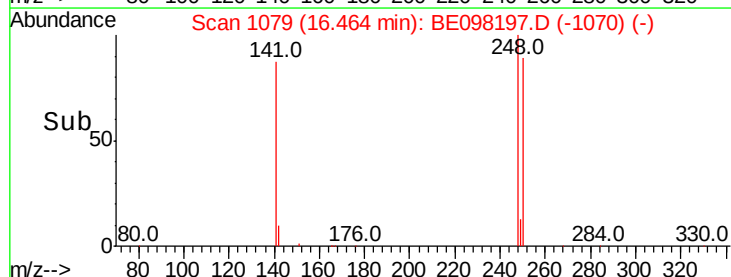
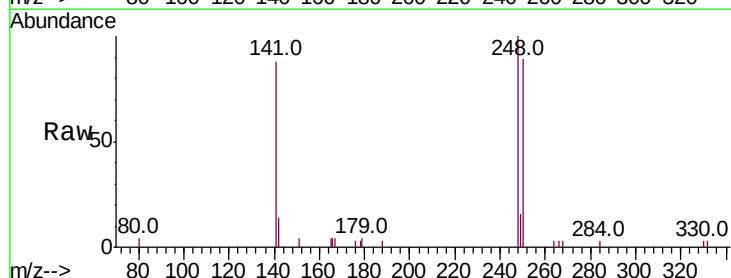
Tgt Ion:248 Resp: 2222

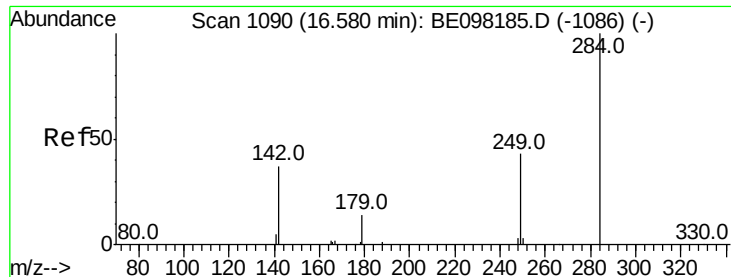
Ion Ratio Lower Upper

248 100

250 89.3 77.6 116.4

141 87.9 65.8 98.8

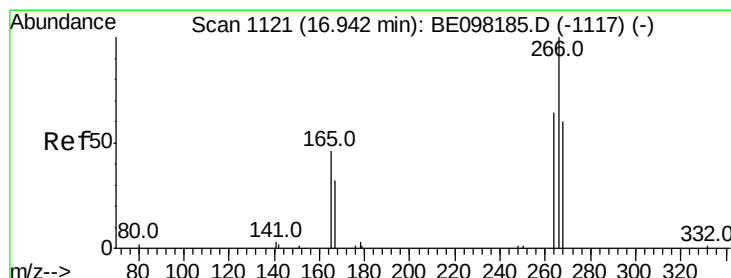
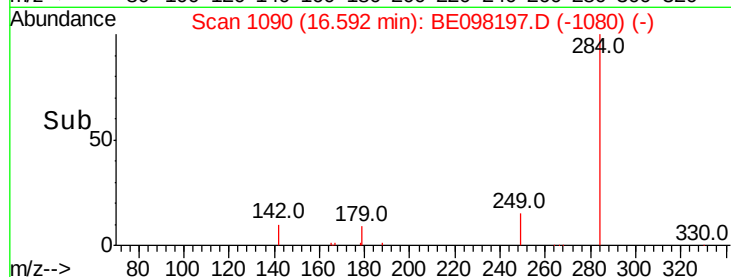
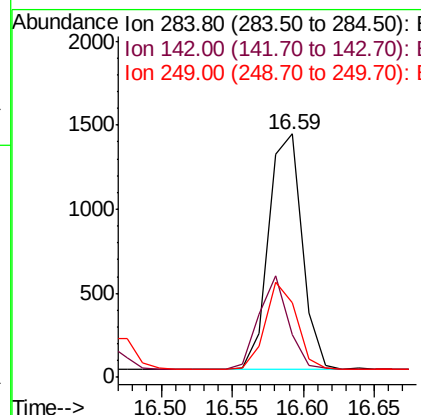
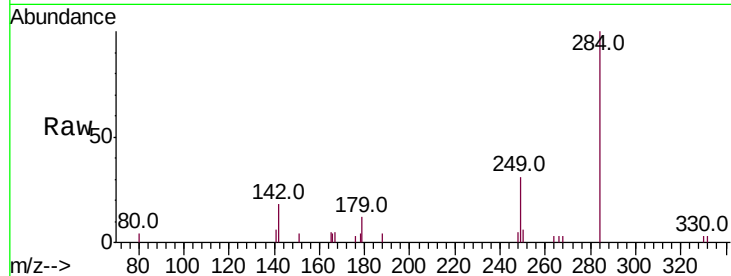




#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

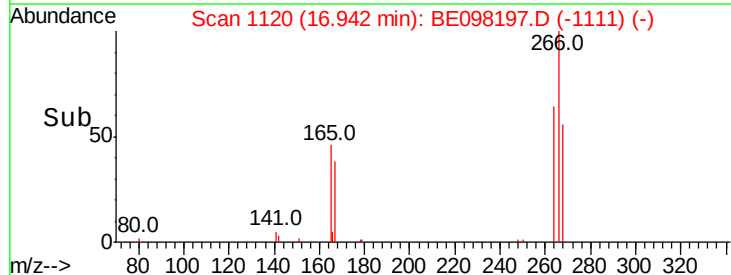
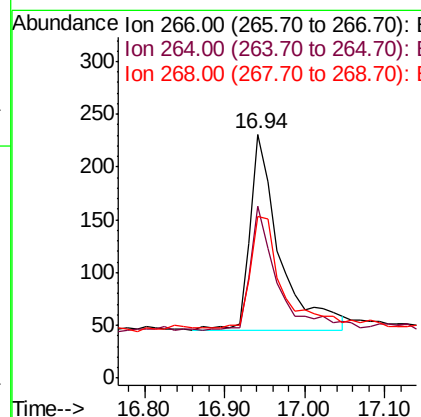
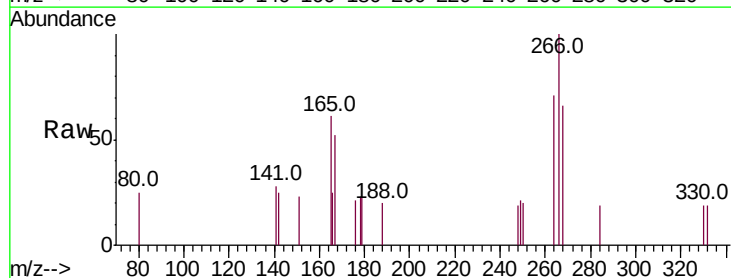
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

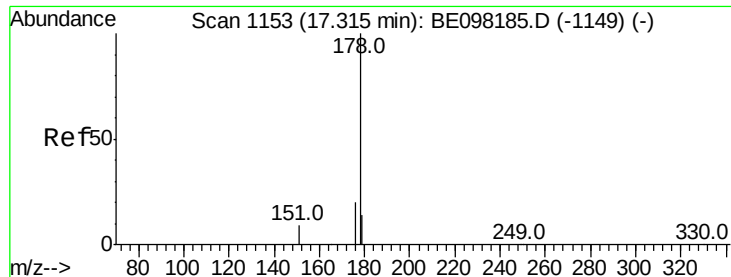
Tot Ion:	284	Resp:	2299
Ion	Ratio	Lower	Upper
284	100		
142	35.3	26.5	39.7
249	34.2	28.4	42.6



#22
Pentachlorophenol
Concen: 0.437 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:	266	Resp:	480
Ion	Ratio	Lower	Upper
266	100		
264	70.6	57.6	86.4
268	66.2	56.8	85.2





#23

Phenanthrene

Concen: 0.385 ng

RT: 17.31 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

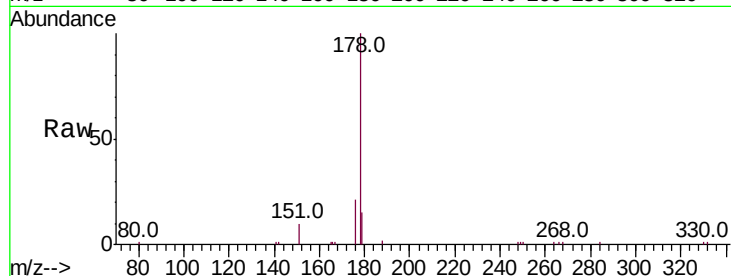
Tot Ion:178 Resp: 9113

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

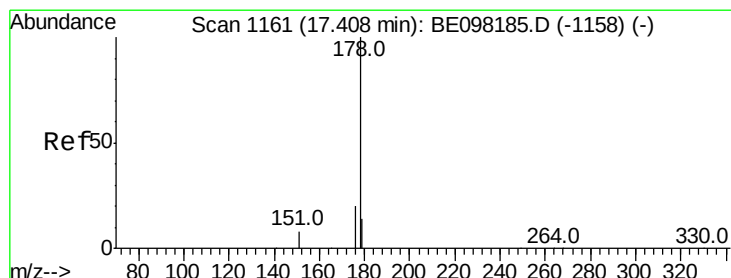
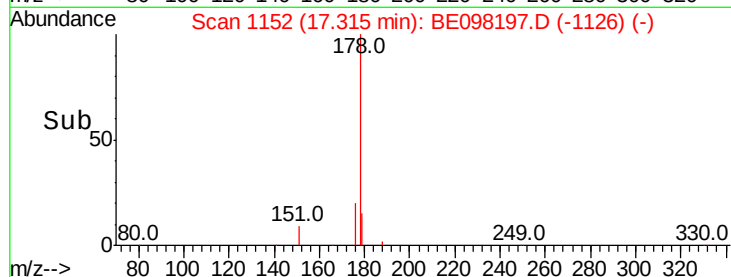
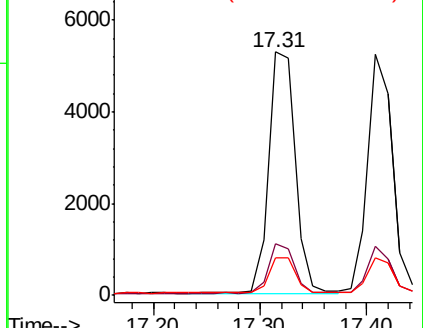
179 14.7 12.3 18.5



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: 0.381 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

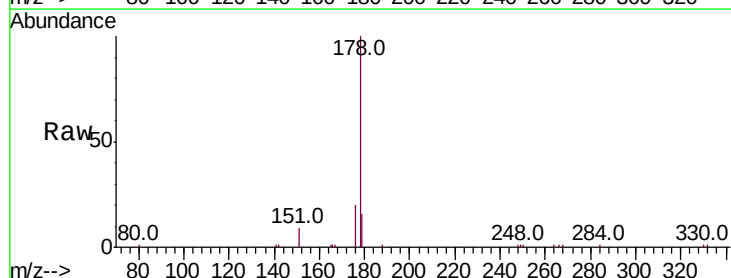
Tgt Ion:178 Resp: 8403

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

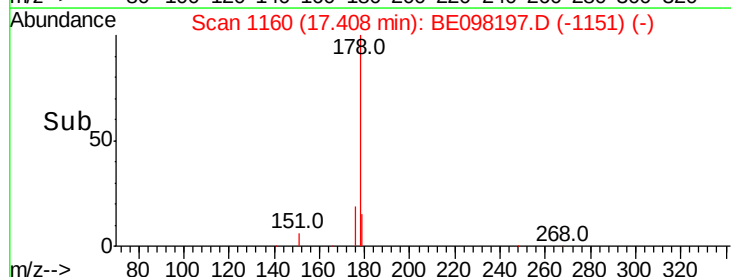
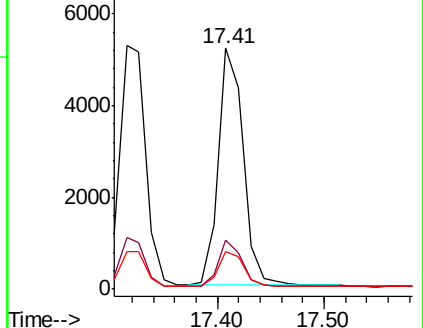
179 14.8 12.1 18.1

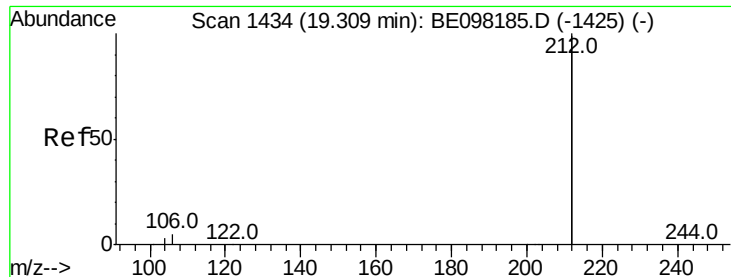


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

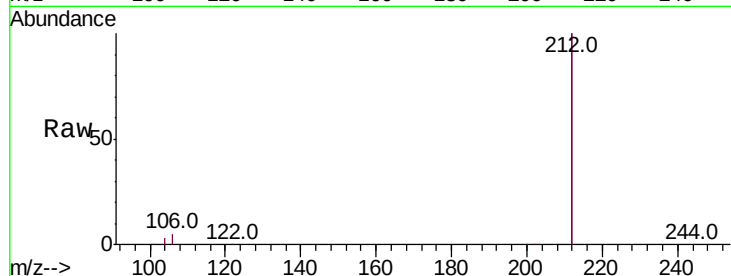
Tot Ion:212 Resp: 44660

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

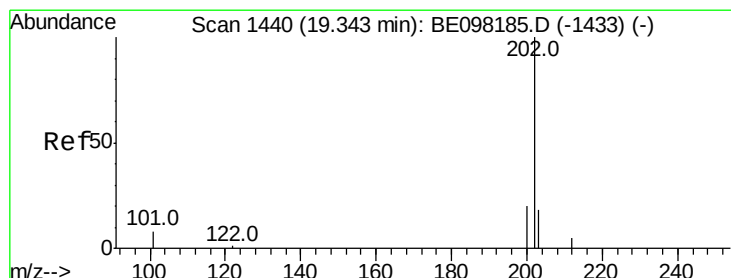
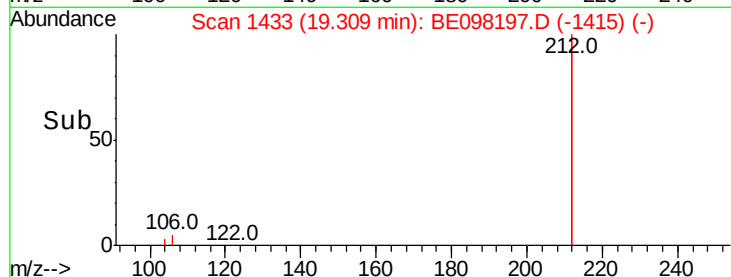
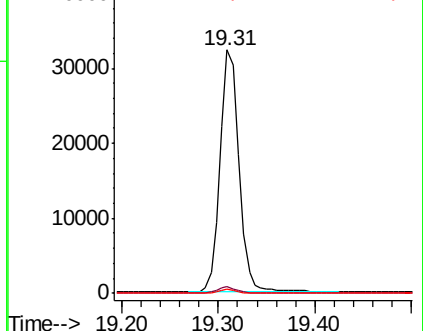
104 1.4 1.1 1.7



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: 0.377 ng

RT: 19.34 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

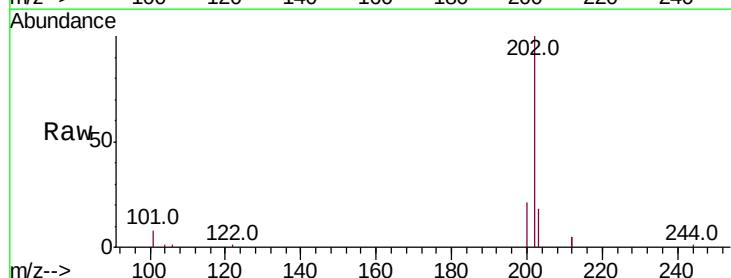
Tgt Ion:202 Resp: 11046

Ion Ratio Lower Upper

202 100

101 9.0 7.0 10.6

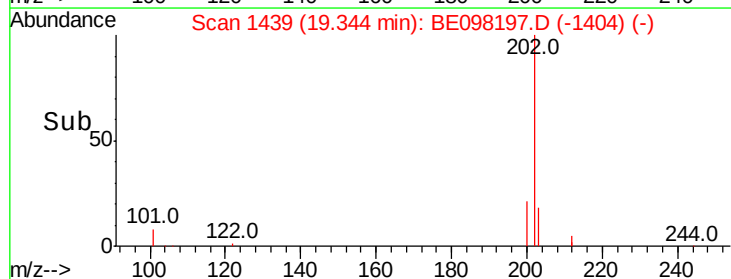
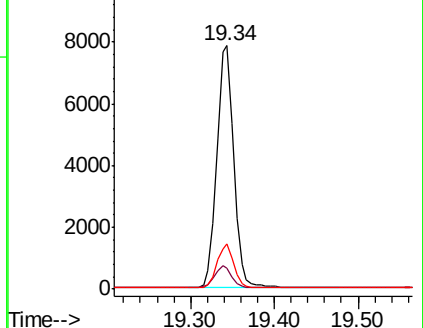
203 17.5 13.7 20.5

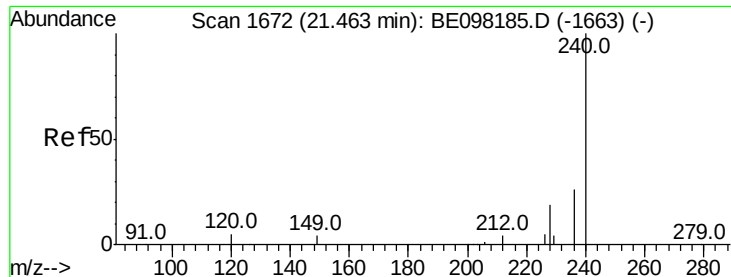


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

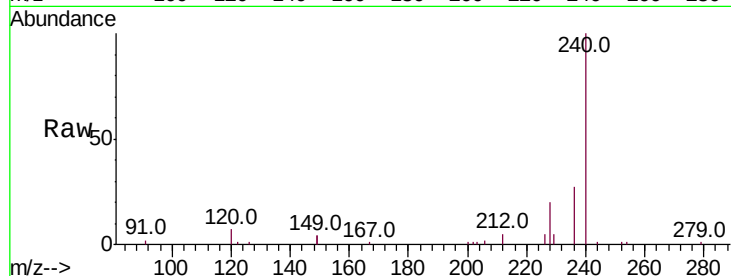
Tot Ion:240 Resp: 11235

Ion Ratio Lower Upper

240 100

120 6.6 4.8 7.2

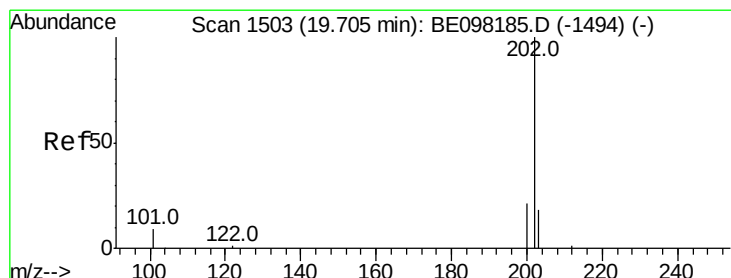
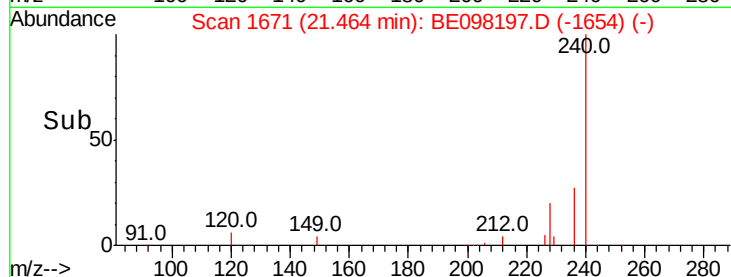
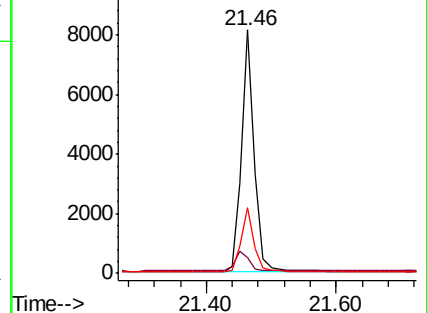
236 27.1 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.372 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

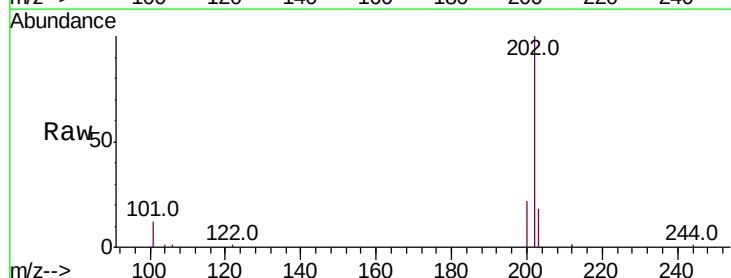
Tgt Ion:202 Resp: 11510

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

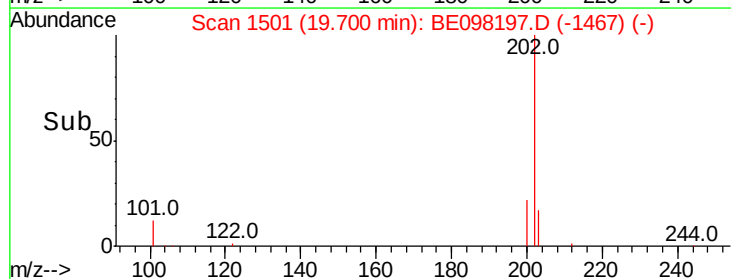
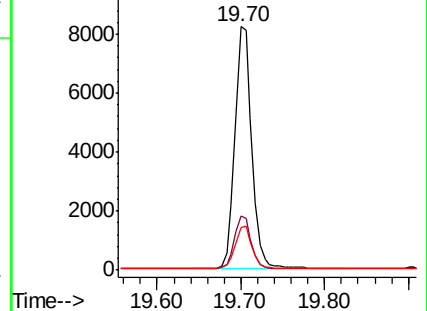
203 17.4 14.2 21.4

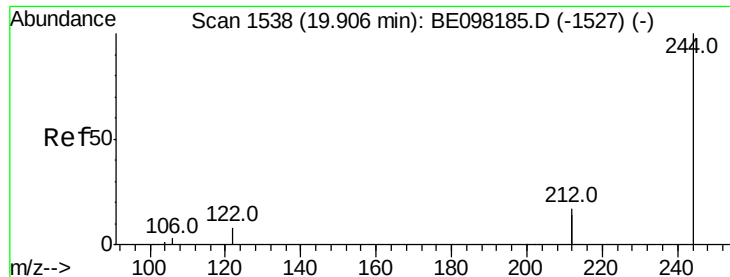


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.364 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

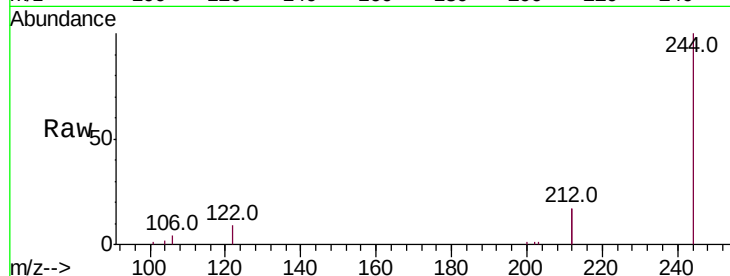
Tot Ion:244 Resp: 9285

Ion Ratio Lower Upper

244 100

212 34.8 26.8 40.2

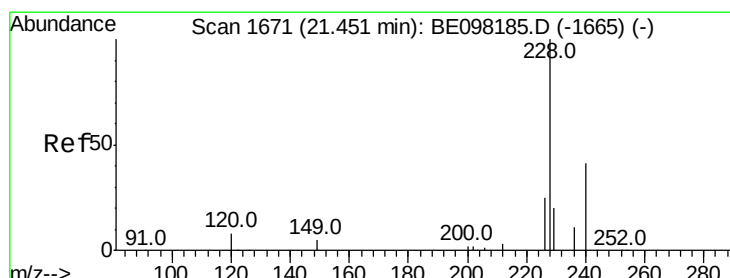
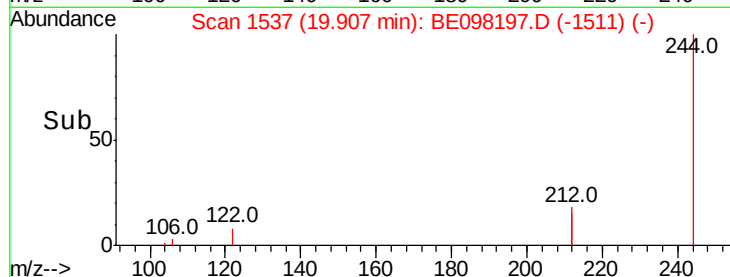
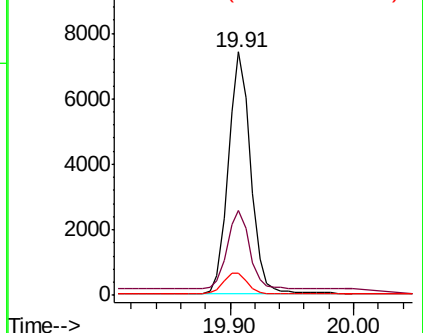
122 8.9 7.0 10.6



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: 0.371 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

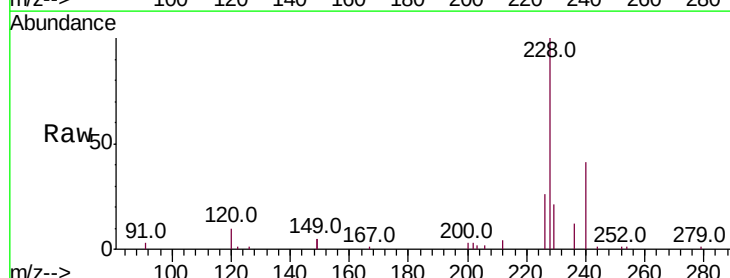
Tgt Ion:228 Resp: 11847

Ion Ratio Lower Upper

228 100

226 26.3 20.7 31.1

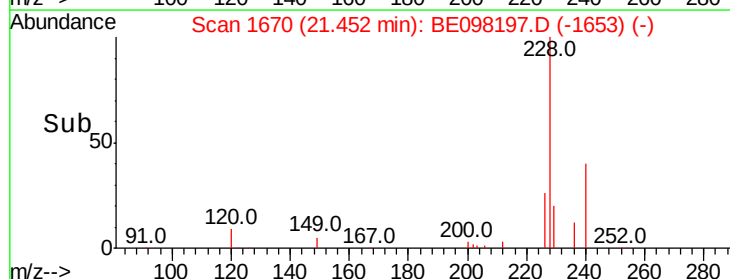
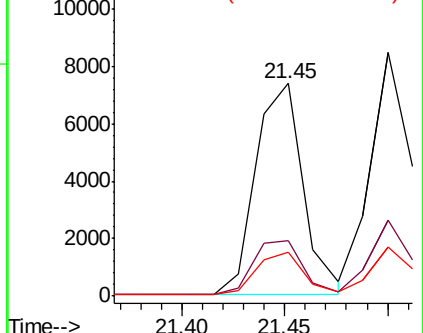
229 20.6 16.2 24.4

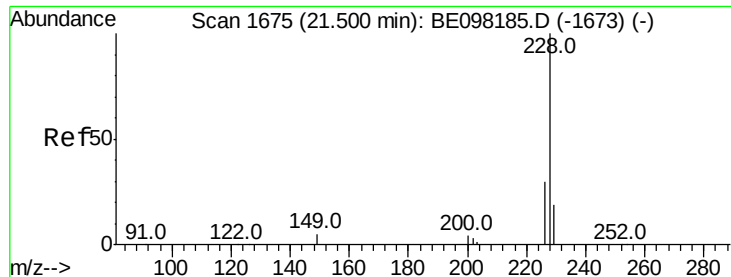


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.369 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

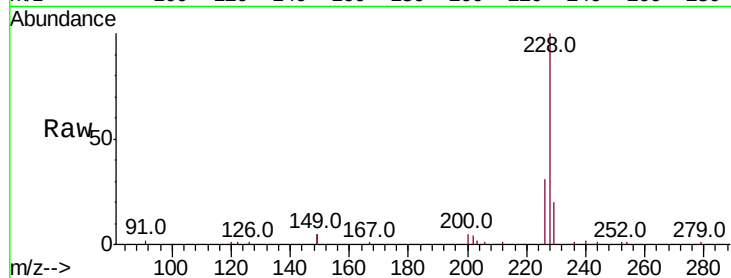
Tot Ion:228 Resp: 11973

Ion Ratio Lower Upper

228 100

226 31.3 24.6 36.8

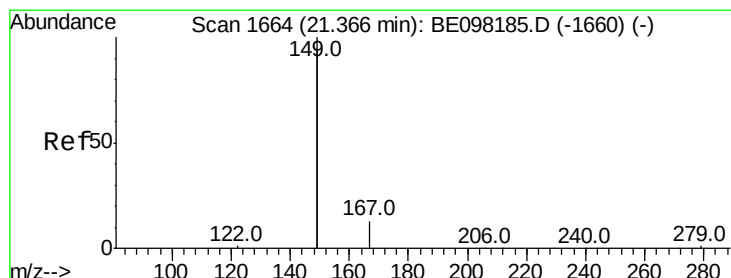
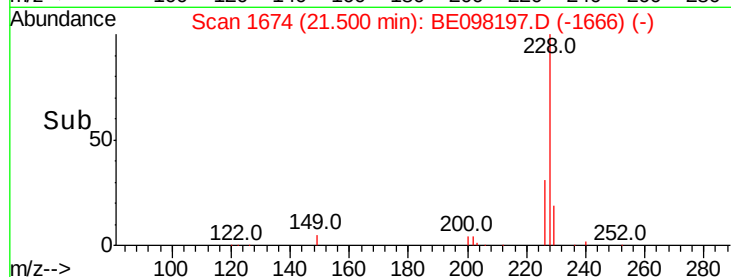
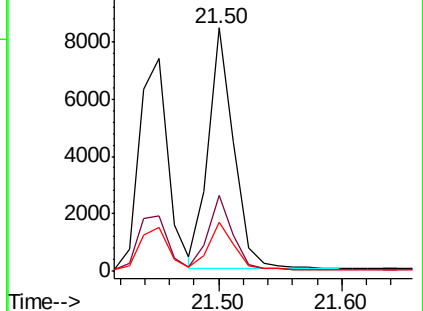
229 20.0 16.0 24.0



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: 0.387 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

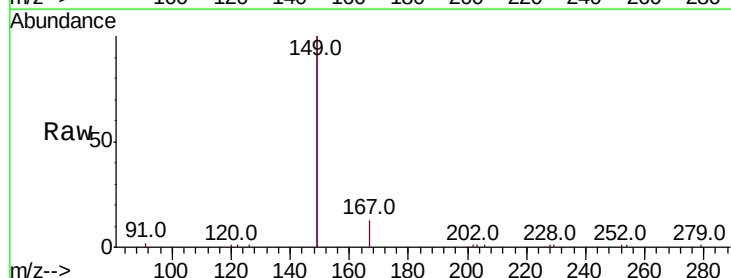
Tgt Ion:149 Resp: 25666

Ion Ratio Lower Upper

149 100

167 6.7 5.6 8.4

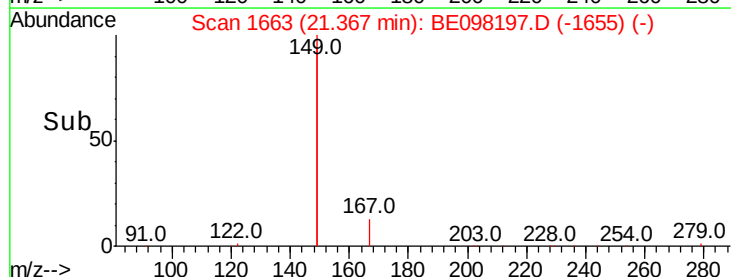
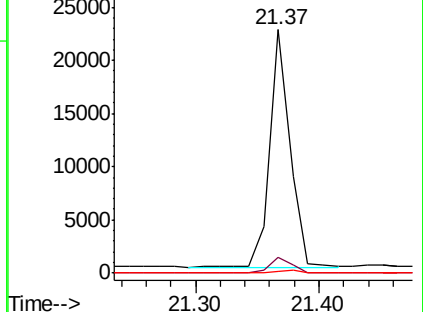
279 1.1 0.9 1.3

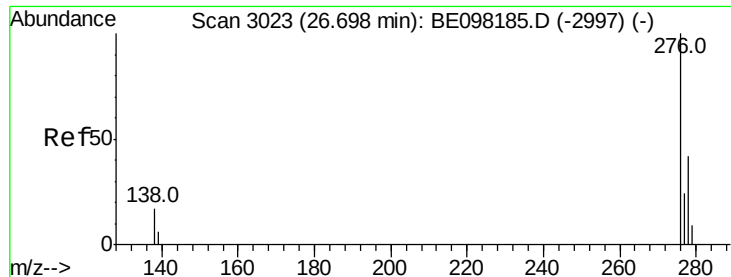


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

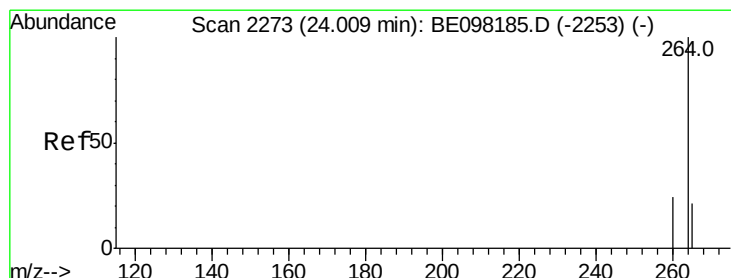
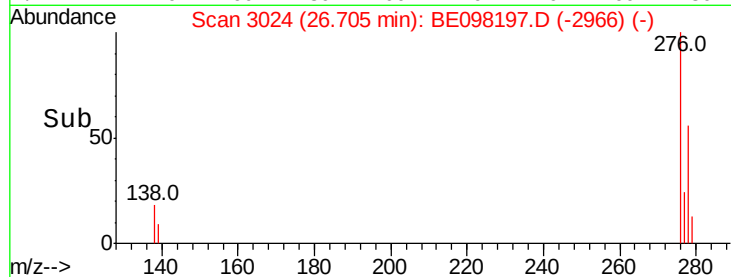
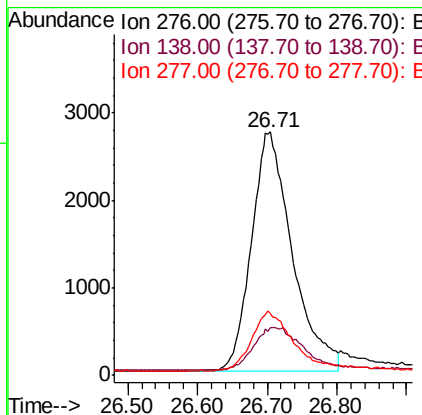
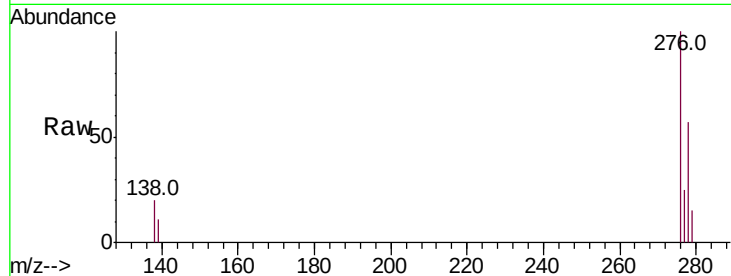




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.375 ng
 RT: 26.71 min Scan# 3024
 Delta R.T. 0.01 min
 Lab File: BE098197.D
 Acq: 12 Nov 2018 19:27

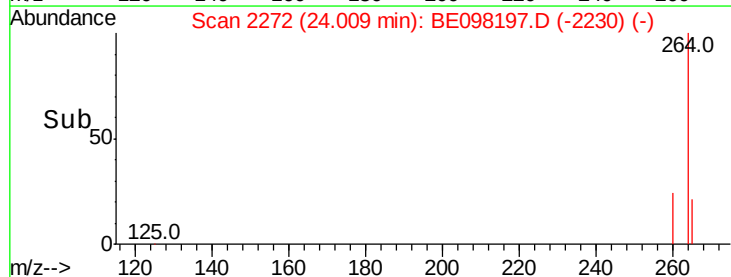
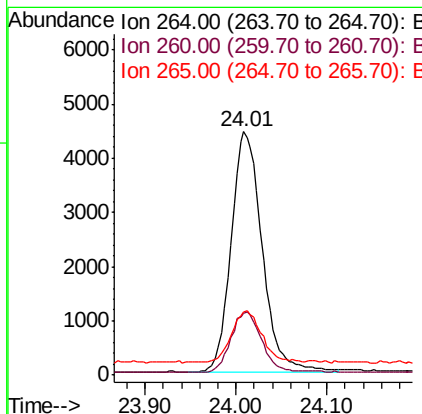
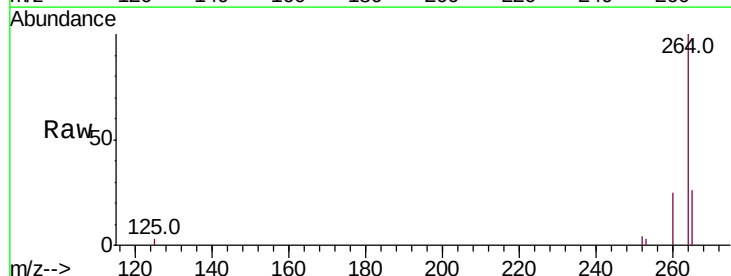
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

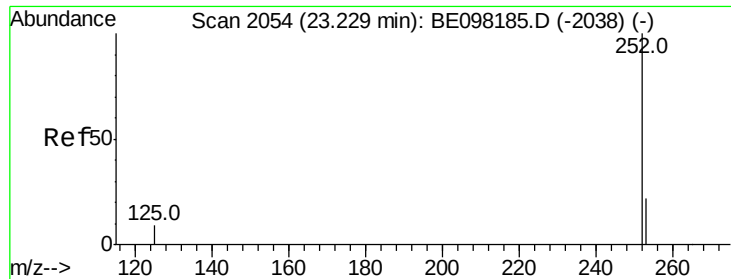
Tot Ion:276 Resp: 11137
 Ion Ratio Lower Upper
 276 100
 138 21.1 6.4 9.6#
 277 24.8 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098197.D
 Acq: 12 Nov 2018 19:27

Tgt Ion:264 Resp: 10499
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.9 29.9
 265 25.8 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.374 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

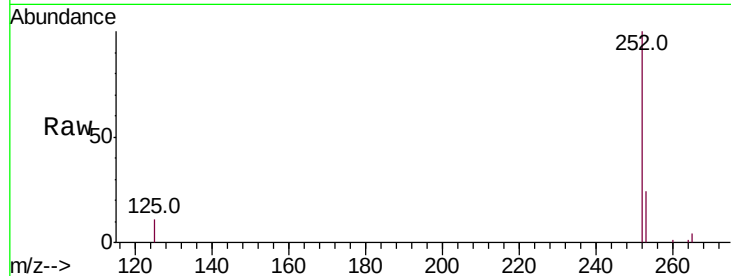
Tot Ion:252 Resp: 11133

Ion Ratio Lower Upper

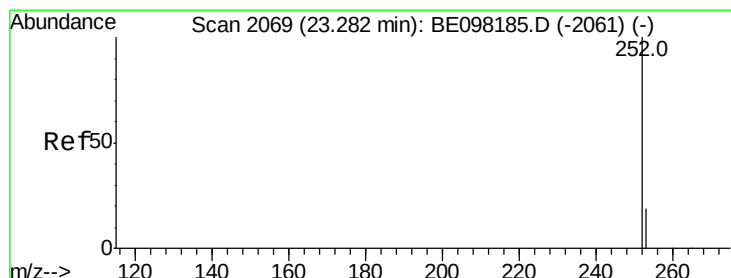
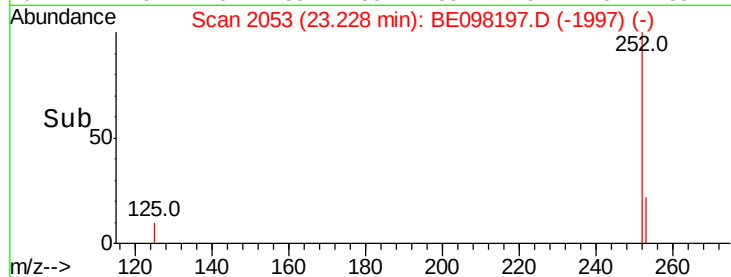
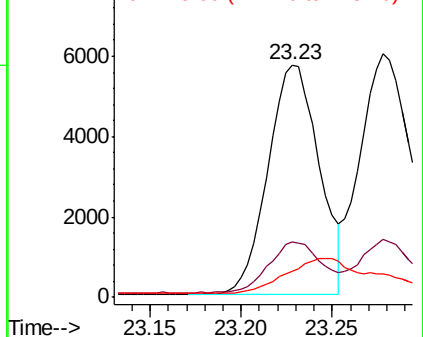
252 100

253 24.0 19.4 29.0

125 11.4 8.6 12.8



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



#36

Benzo(k)fluoranthene

Concen: 0.392 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

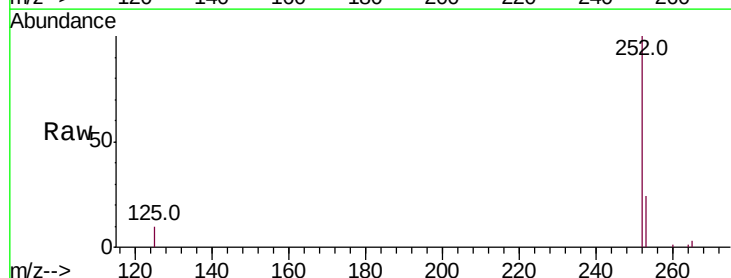
Tgt Ion:252 Resp: 12325

Ion Ratio Lower Upper

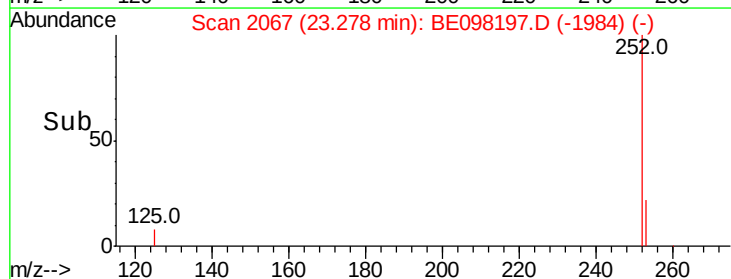
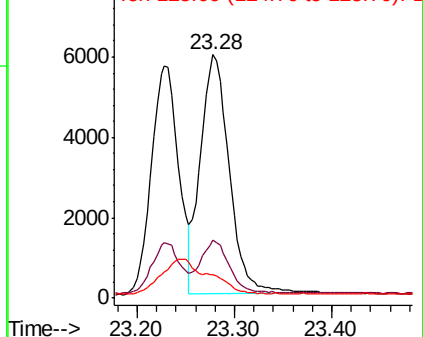
252 100

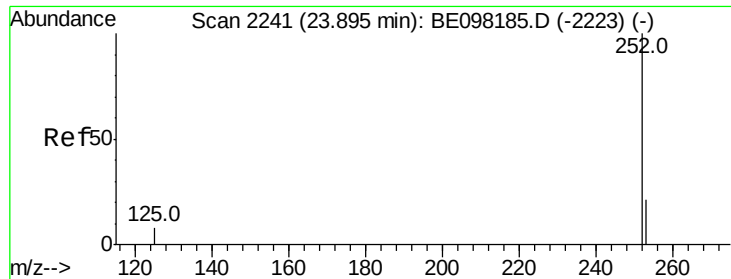
253 23.7 18.6 28.0

125 9.7 7.4 11.0



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

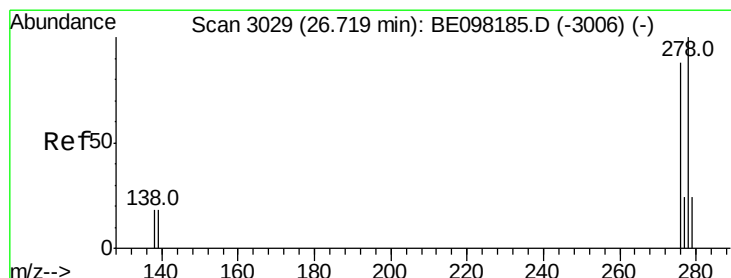
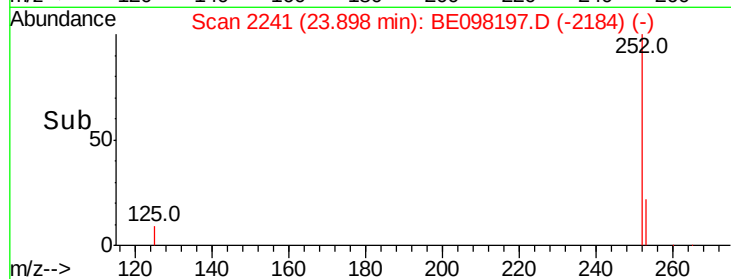
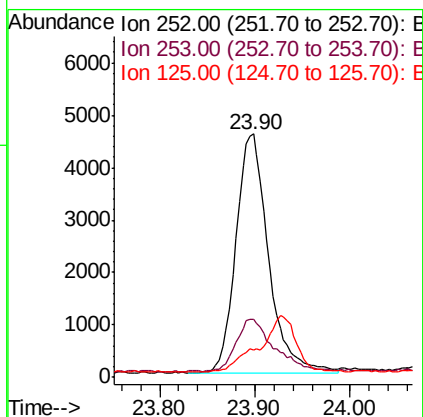
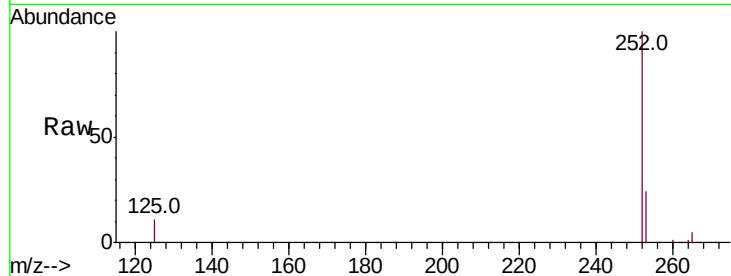




#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

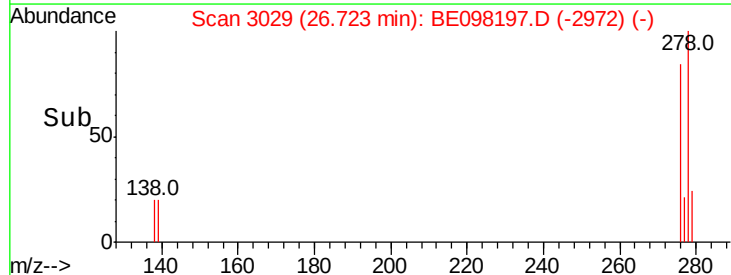
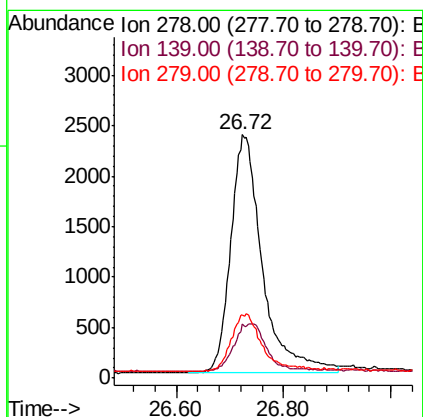
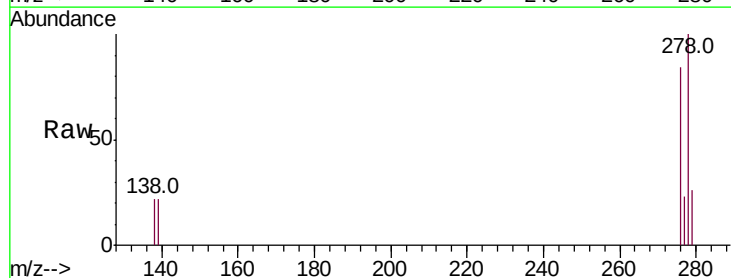
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

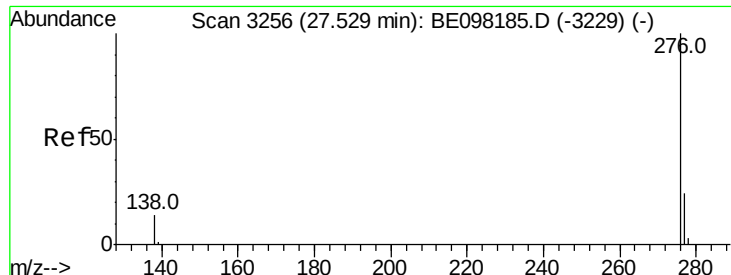
Tot Ion:252 Resp: 10846
Ion Ratio Lower Upper
252 100
253 24.0 18.6 27.8
125 11.1 8.0 12.0



#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 26.72 min Scan# 3029
Delta R.T. 0.00 min
Lab File: BE098197.D
Acq: 12 Nov 2018 19:27

Tgt Ion:278 Resp: 9695
Ion Ratio Lower Upper
278 100
139 22.0 16.4 24.6
279 26.0 21.3 31.9





#39

Benzo(a,h,i)perylene

Concen: 0.374 ng

RT: 27.53 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BE098197.D

Acq: 12 Nov 2018 19:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

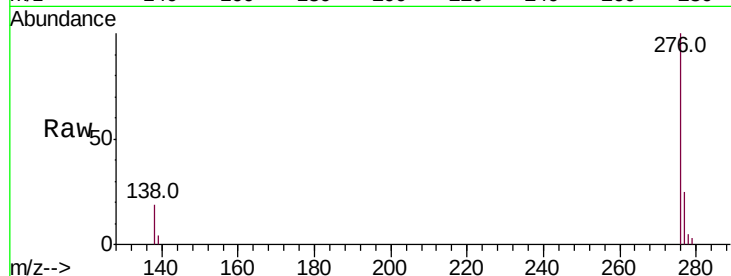
Tot Ion:276 Resp: 9510

Ion Ratio Lower Upper

276 100

277 24.5 20.4 30.6

138 18.8 13.2 19.8



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

