

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098362.D
 Acq On : 12 Dec 2018 15:42
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 13 05:51:55 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	1235	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5278	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3228	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8700	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10559	0.40	ng	0.00
34) Perylene-d12	24.01	264	10154	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1108	0.38	ng	0.01
5) Phenol-d6	7.05	99	1487	0.36	ng	0.00
8) Nitrobenzene-d5	9.03	82	1835	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3253	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	403	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	4945	0.36	ng	0.00
25) Fluoranthene-d10	19.30	212	42694	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	8097	0.32	ng	0.00

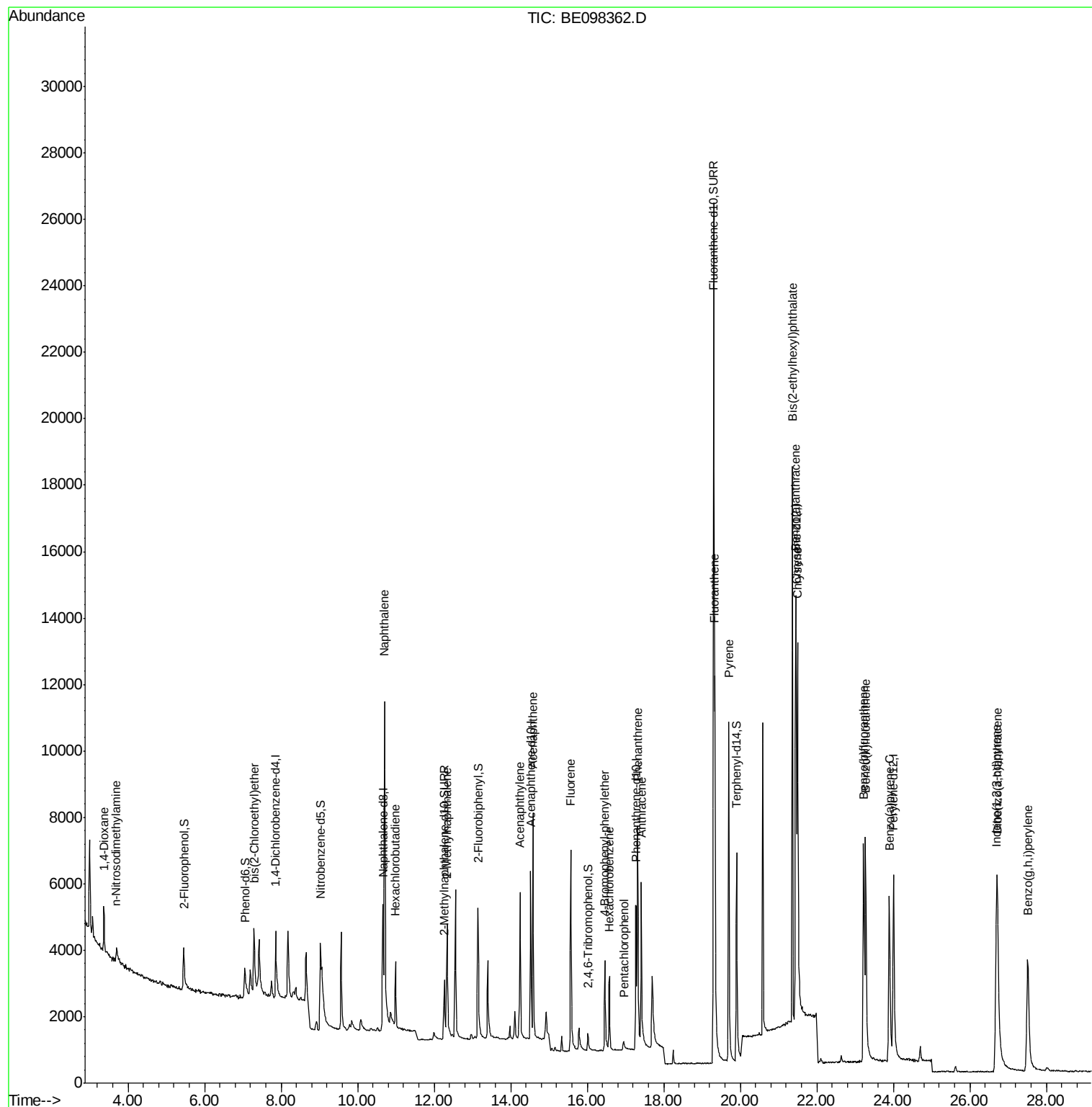
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	887	0.415	ng	# 88
3) n-Nitrosodimethylamine	3.70	42	517	0.269	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1299	0.334	ng	88
9) Naphthalene	10.71	128	20361	0.383	ng	99
10) Hexachlorobutadiene	10.99	225	1326	0.392	ng	97
12) 2-Methylnaphthalene	12.34	142	3132	0.363	ng	97
16) Acenaphthylene	14.24	152	5803	0.384	ng	99
17) Acenaphthene	14.59	154	3394	0.374	ng	98
18) Fluorene	15.57	166	4638	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1688	0.360	ng	87
21) Hexachlorobenzene	16.58	284	1933	0.384	ng	94
22) Pentachlorophenol	16.95	266	289	0.363	ng	93
23) Phenanthrene	17.31	178	7828	0.370	ng	99
24) Anthracene	17.41	178	6609	0.351	ng	99
26) Fluoranthene	19.34	202	10820	0.387	ng	98
28) Pyrene	19.70	202	11202	0.338	ng	99
30) Benzo(a)anthracene	21.45	228	10602	0.353	ng	99
31) Chrysene	21.50	228	12041	0.382	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	20784	0.340	ng	99
33) Indeno(1,2,3-cd)pyrene	26.69	276	11980	0.382	ng	98
35) Benzo(b)fluoranthene	23.22	252	10452	0.376	ng	97
36) Benzo(k)fluoranthene	23.27	252	12491	0.386	ng	97
37) Benzo(a)pyrene	23.89	252	10771	0.376	ng	98
38) Dibenzo(a,h)anthracene	26.72	278	9853	0.365	ng	98
39) Benzo(g,h,i)perylene	27.51	276	10071	0.370	ng	97

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

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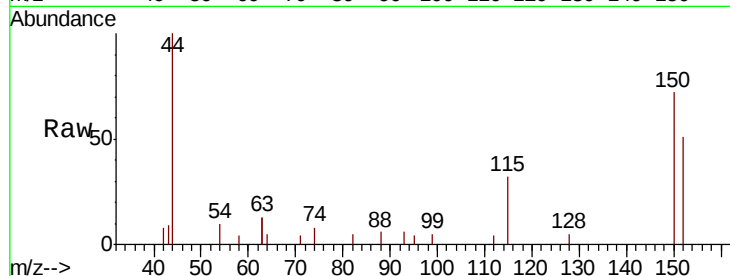


#1

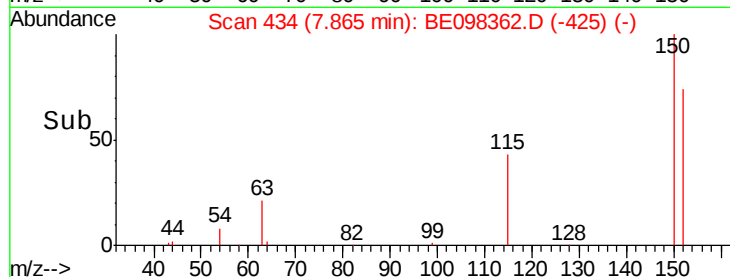
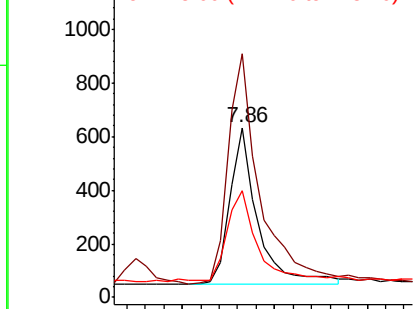
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098362.D
Acq: 12 Dec 2018 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.1	124.2	186.4
115	62.8	53.9	80.9



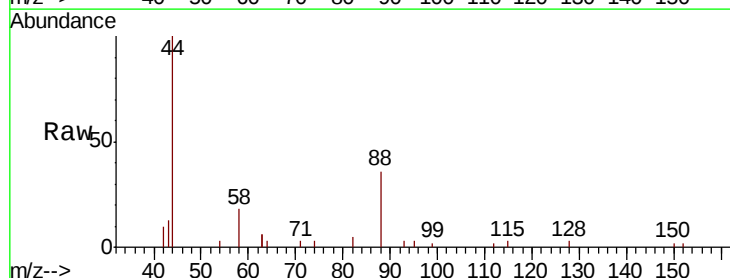
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



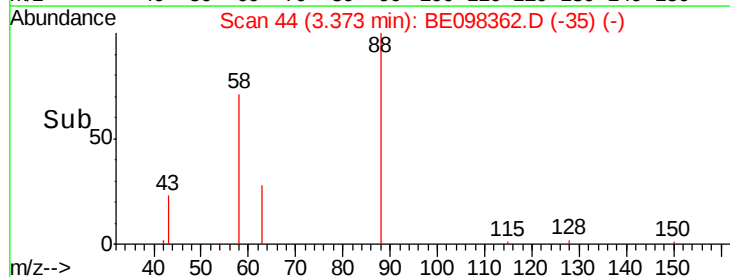
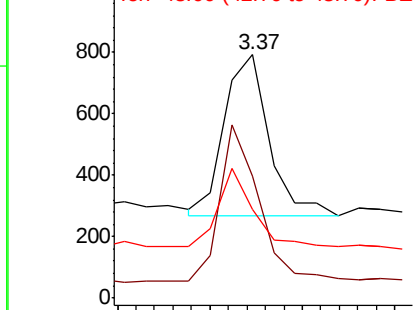
#2

1,4-Dioxane
Concen: 0.415 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098362.D
Acq: 12 Dec 2018 15:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	75.0	112.6
43	37.8	38.3	57.5



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.269 ng

RT: 3.70 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

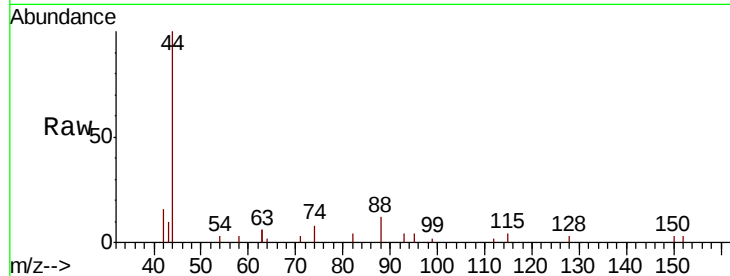
Tgt Ion: 42 Resp: 517

Ion Ratio Lower Upper

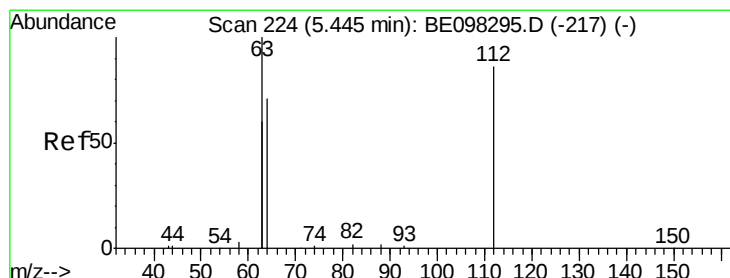
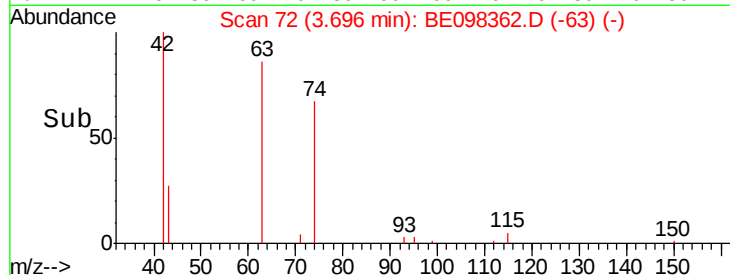
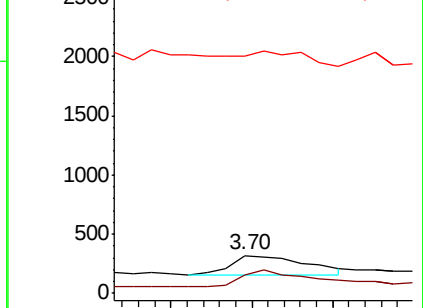
42 100

74 80.5 0.0 0.0#

44 65.2 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: 0.383 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

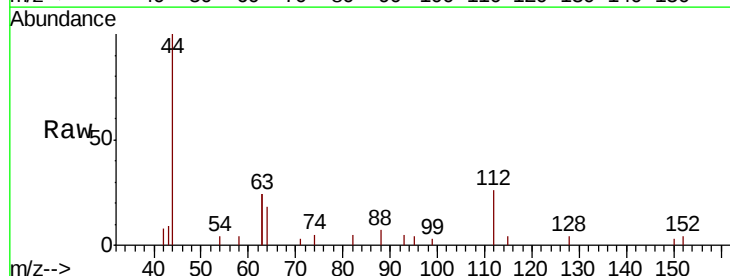
Tgt Ion: 112 Resp: 1108

Ion Ratio Lower Upper

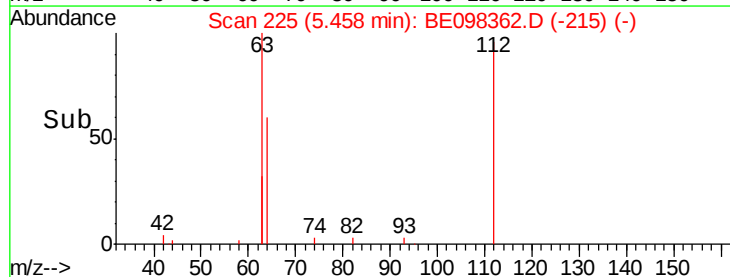
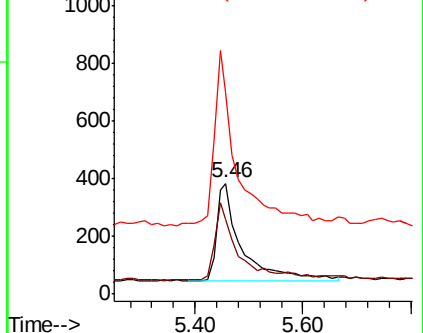
112 100

64 74.5 59.8 89.8

63 164.8 133.7 200.5



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: 0.363 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

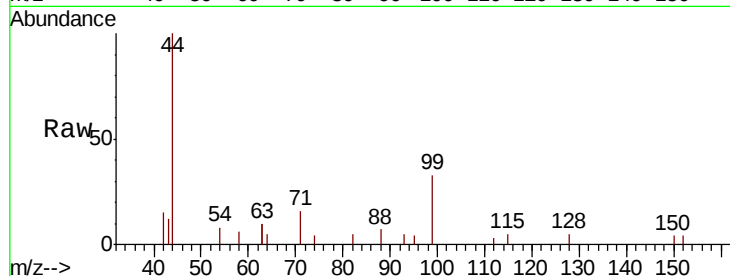
Tgt Ion: 99 Resp: 1487

Ion Ratio Lower Upper

99 100

42 31.8 26.3 39.5

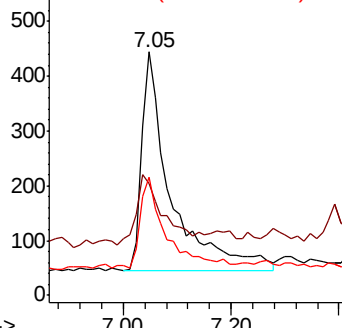
71 33.5 33.6 50.4#



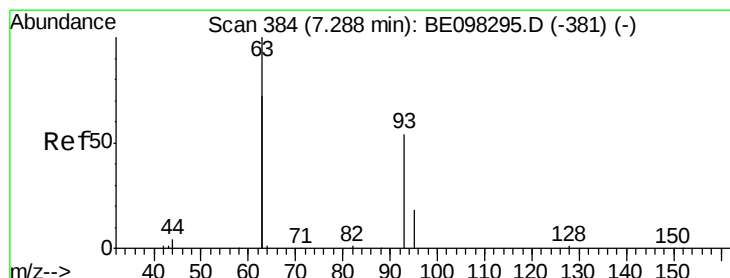
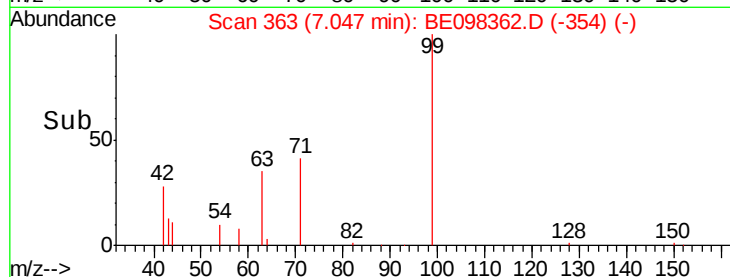
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.334 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

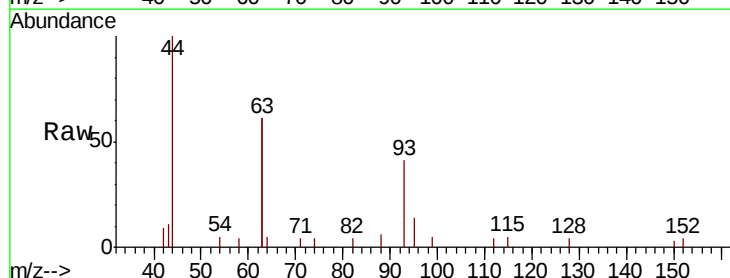
Tgt Ion: 93 Resp: 1299

Ion Ratio Lower Upper

93 100

63 302.2 264.4 396.6

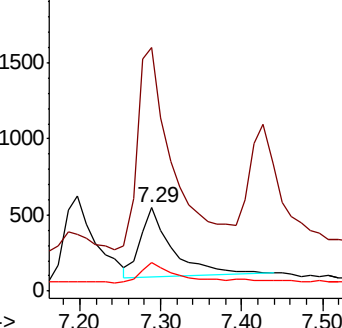
95 32.9 26.6 40.0



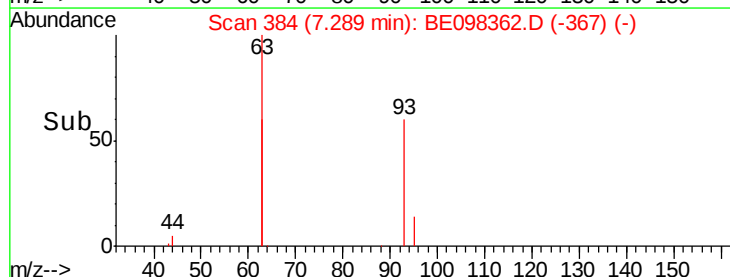
Abundance Ion 93.00 (92.70 to 93.70): BE0

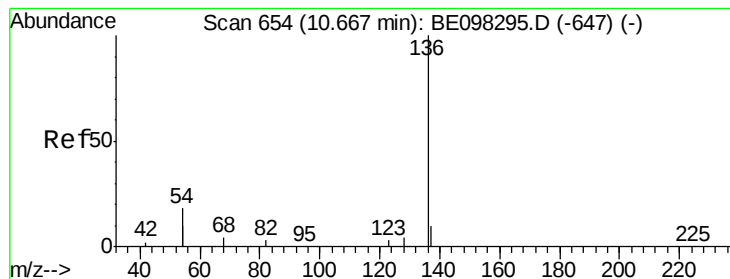
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 5278

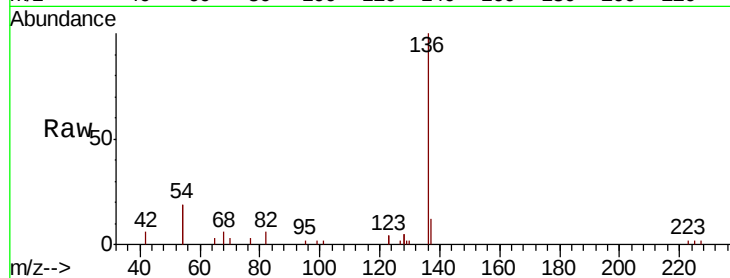
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 38.1 28.4 42.6

68 6.3 5.4 8.0

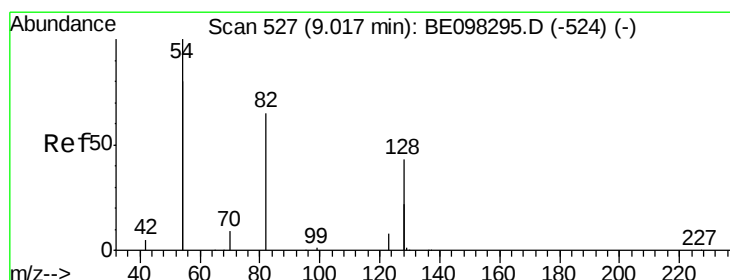
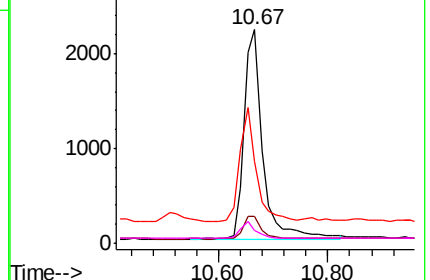
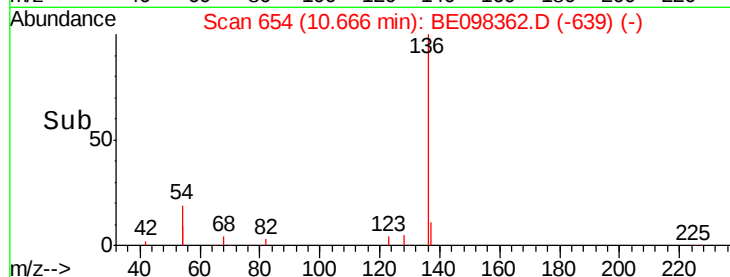


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.382 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

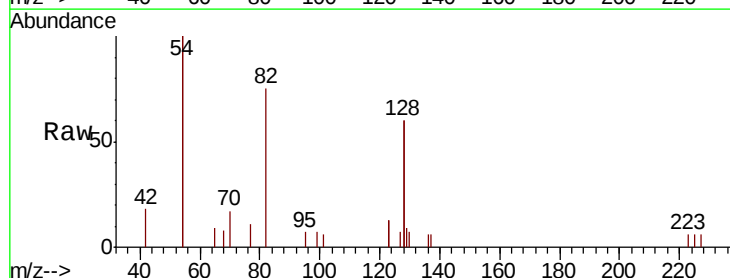
Tgt Ion: 82 Resp: 1835

Ion Ratio Lower Upper

82 100

128 160.4 102.4 153.6#

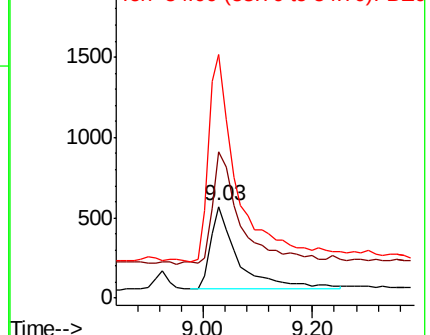
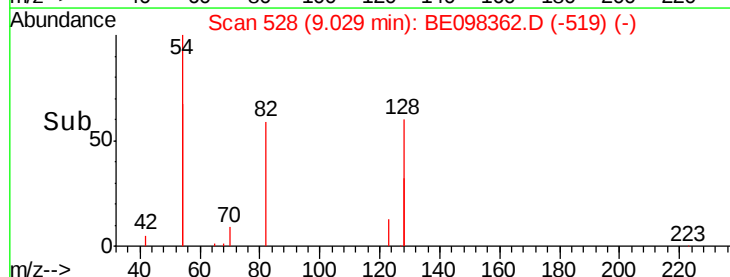
54 266.0 221.8 332.8



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: 0.383 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

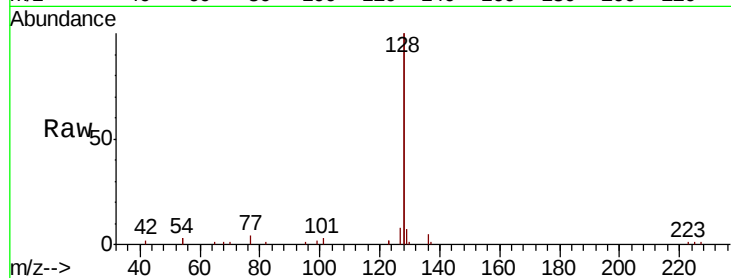
Tgt Ion:128 Resp: 20361

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

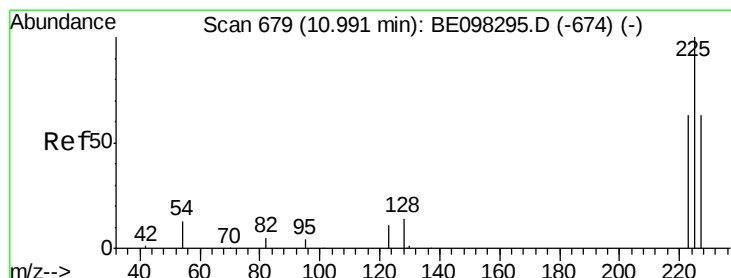
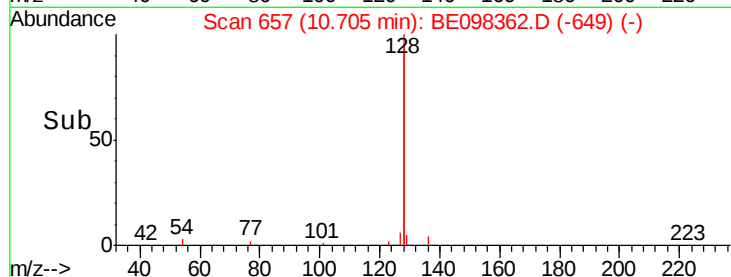
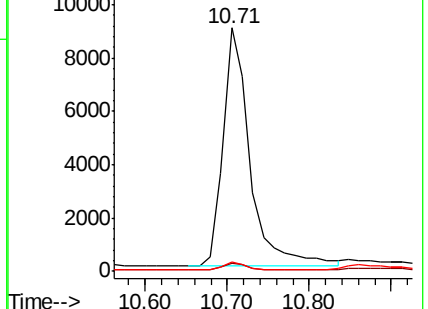
127 3.8 2.7 4.1



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: 0.392 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

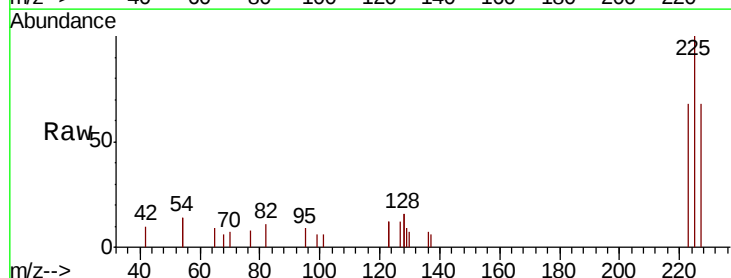
Tgt Ion:225 Resp: 1326

Ion Ratio Lower Upper

225 100

223 65.7 49.4 74.0

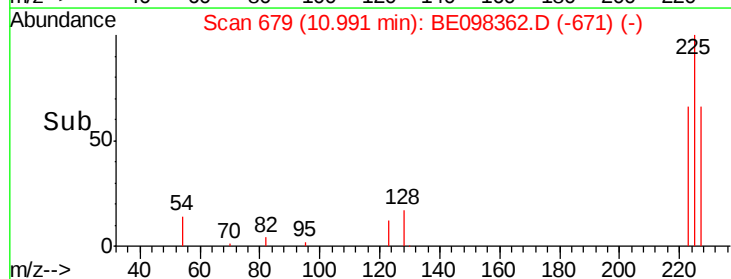
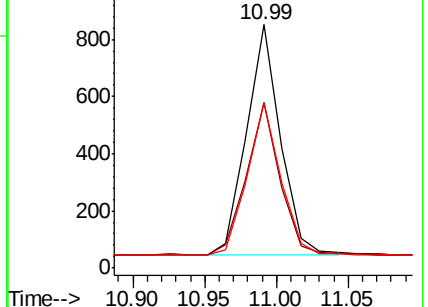
227 65.2 52.0 78.0

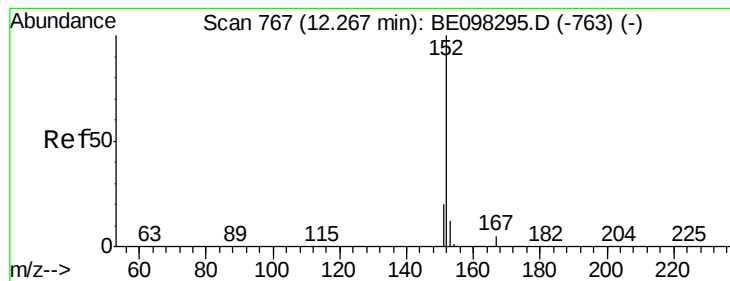


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

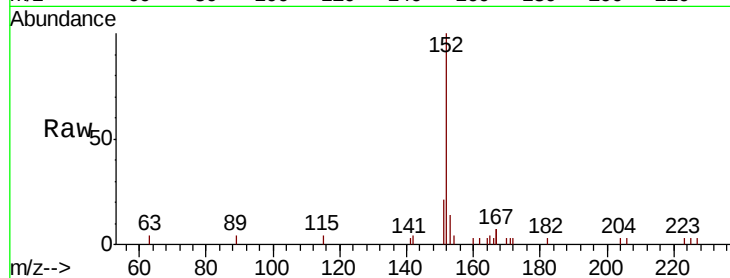
SSTDCCC0.4

Tgt Ion:152 Resp: 3253

Ion Ratio Lower Upper

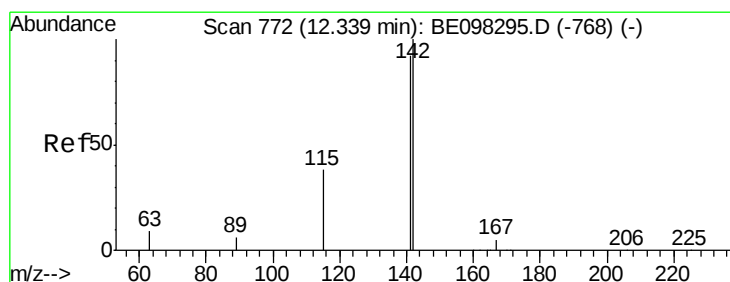
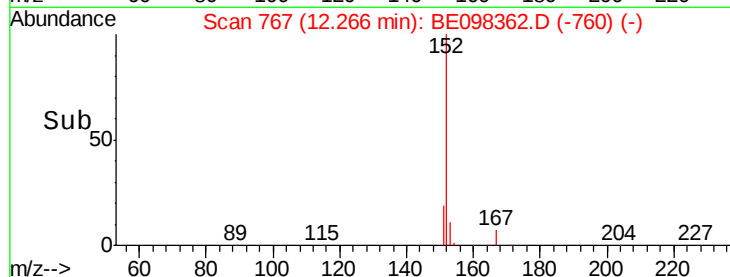
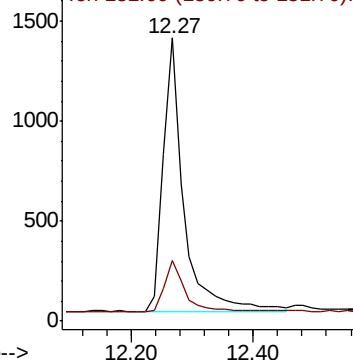
152 100

151 18.0 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: 0.363 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

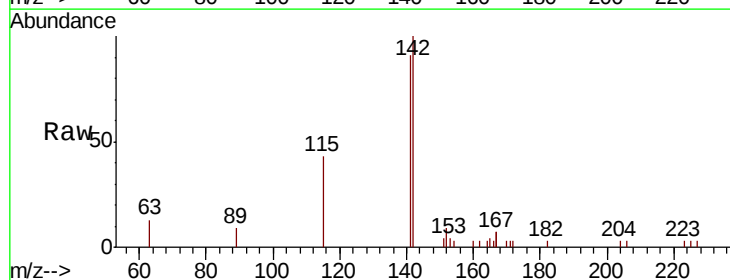
Tgt Ion:142 Resp: 3132

Ion Ratio Lower Upper

142 100

141 91.3 71.0 106.6

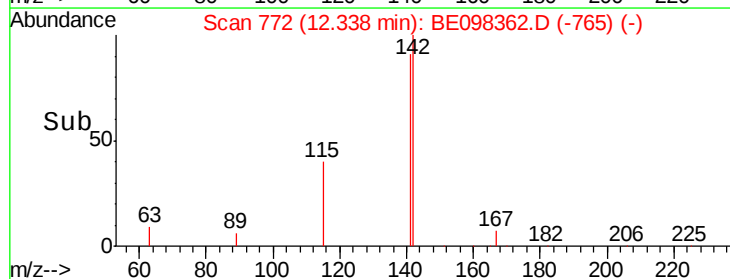
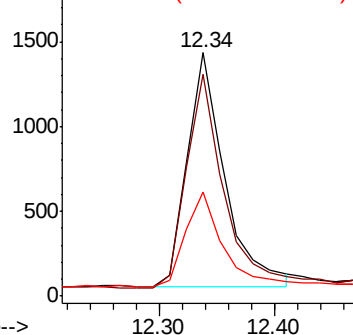
115 42.5 32.2 48.2

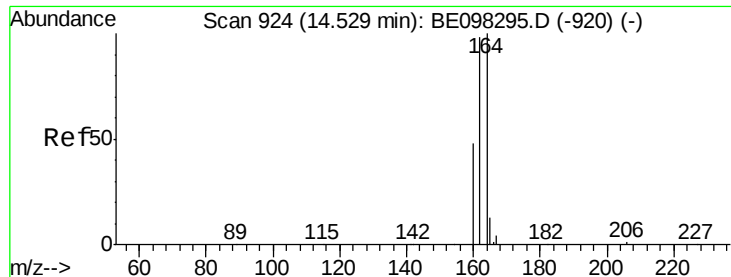


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

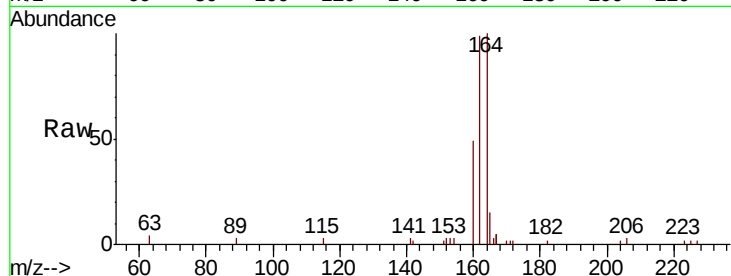




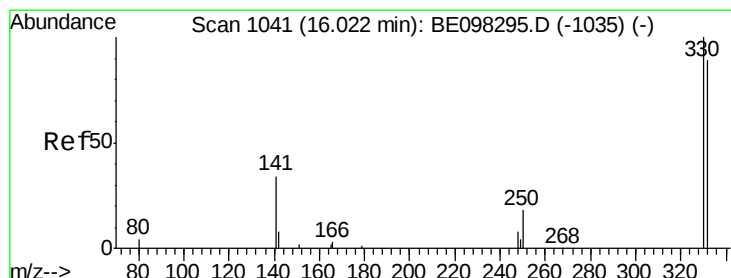
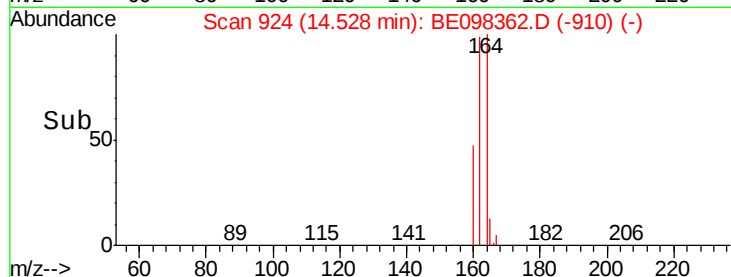
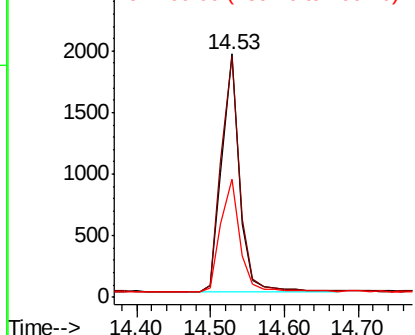
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098362.D
Acq: 12 Dec 2018 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3228
Ion Ratio Lower Upper
164 100
162 98.9 77.6 116.4
160 48.5 36.0 54.0

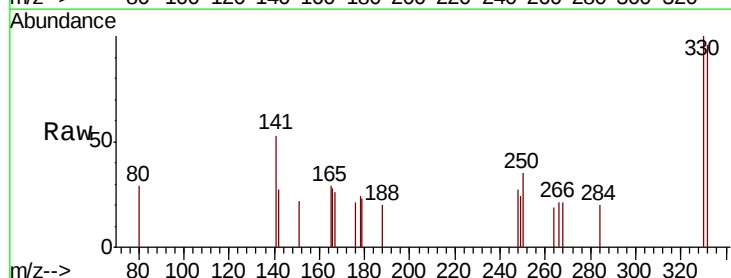


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

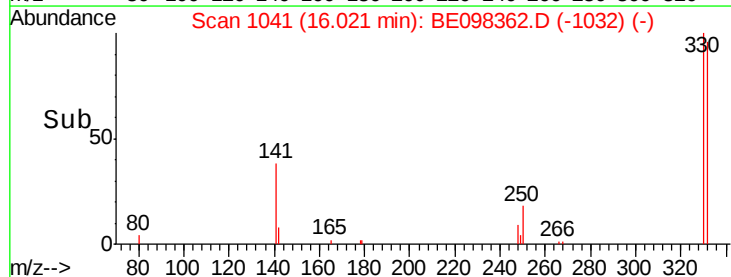
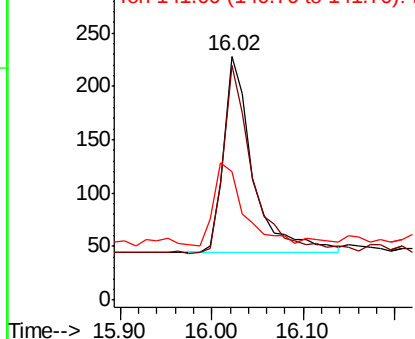


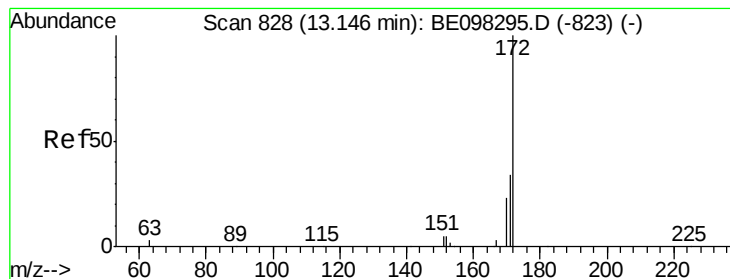
#14
2,4,6-Tribromophenol
Concen: 0.340 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098362.D
Acq: 12 Dec 2018 15:42

Tgt Ion:330 Resp: 403
Ion Ratio Lower Upper
330 100
332 101.2 76.2 114.4
141 41.9 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: 0.363 ng

RT: 13.14 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

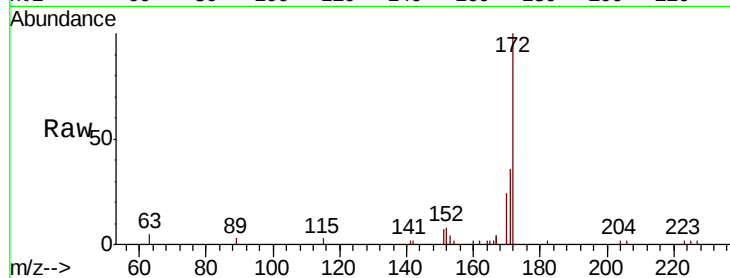
Tgt Ion:172 Resp: 4945

Ion Ratio Lower Upper

172 100

171 35.7 27.5 41.3

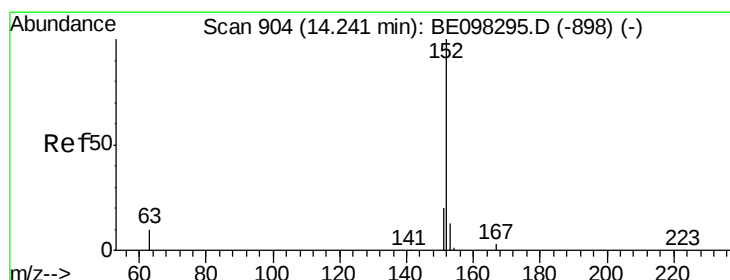
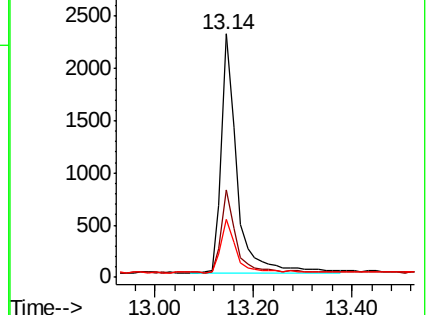
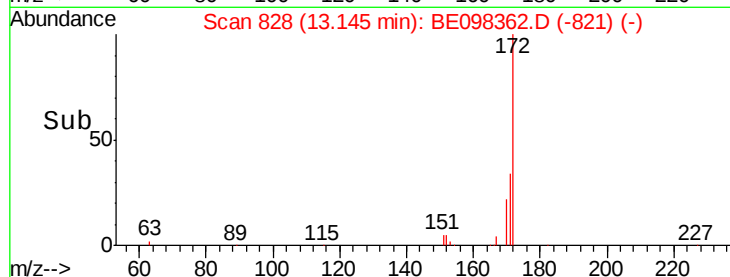
170 23.8 19.6 29.4



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: 0.384 ng

RT: 14.24 min Scan# 904

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

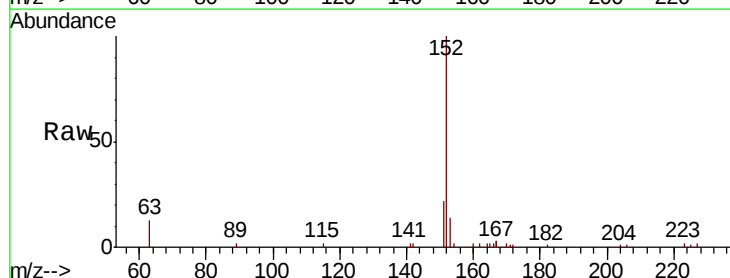
Tgt Ion:152 Resp: 5803

Ion Ratio Lower Upper

152 100

151 19.7 15.5 23.3

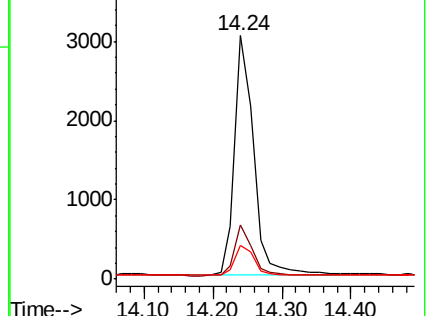
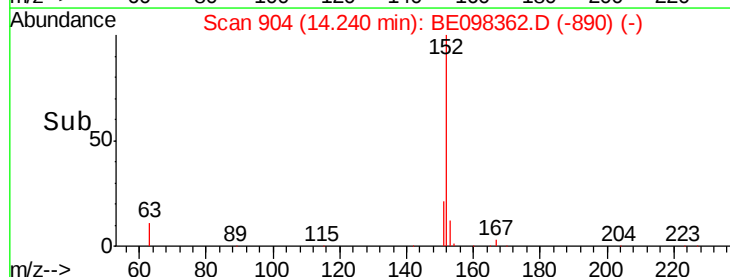
153 13.2 10.6 16.0



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

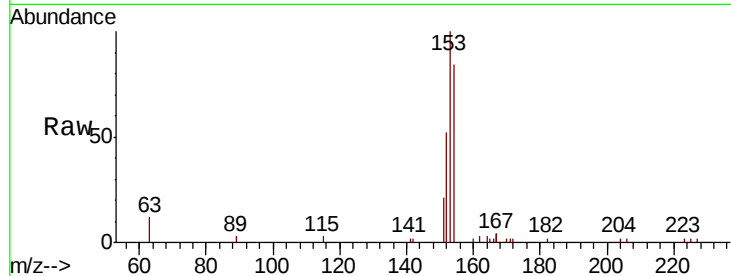




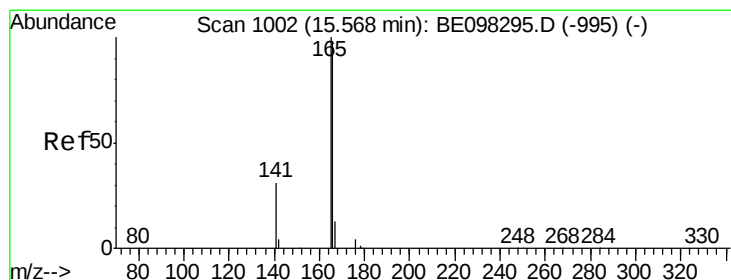
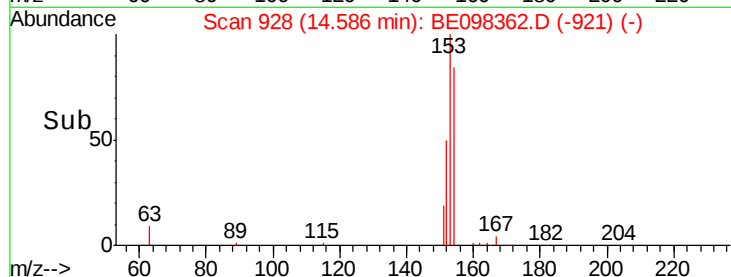
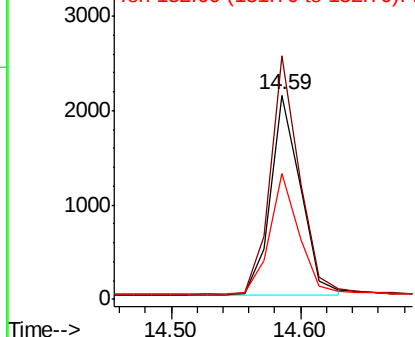
#17
Acenaphthene
Concen: 0.374 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098362.D
Acq: 12 Dec 2018 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3394
Ion Ratio Lower Upper
154 100
153 116.5 91.8 137.6
152 59.6 45.5 68.3

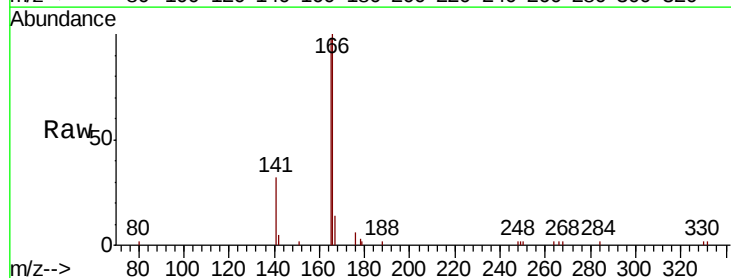


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

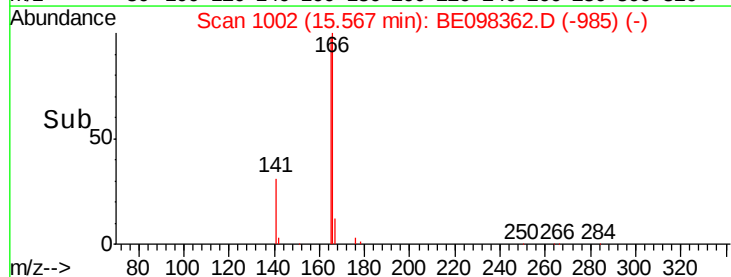
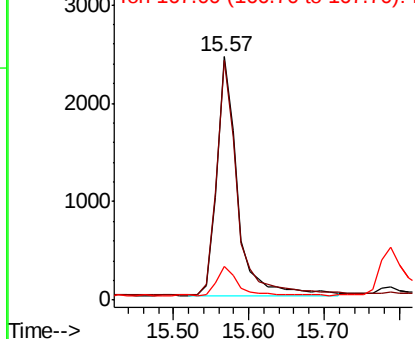


#18
Fluorene
Concen: 0.382 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098362.D
Acq: 12 Dec 2018 15:42

Tgt Ion:166 Resp: 4638
Ion Ratio Lower Upper
166 100
165 97.9 79.3 118.9
167 13.2 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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

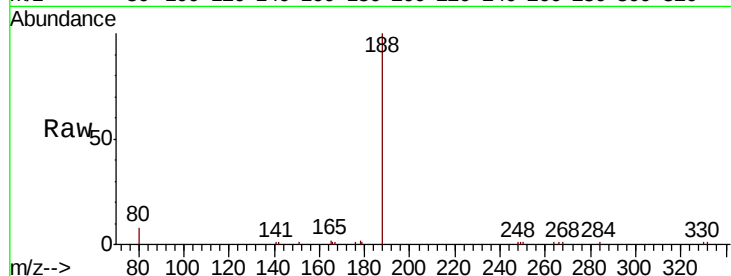
Tgt Ion:188 Resp: 8700

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

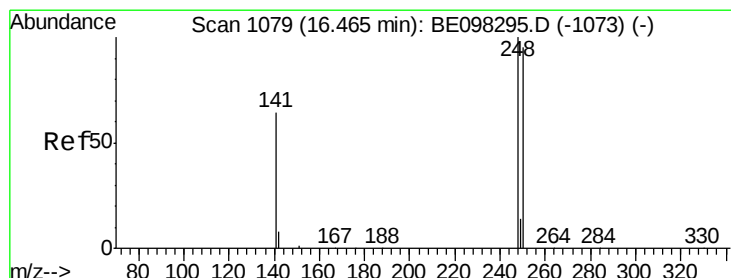
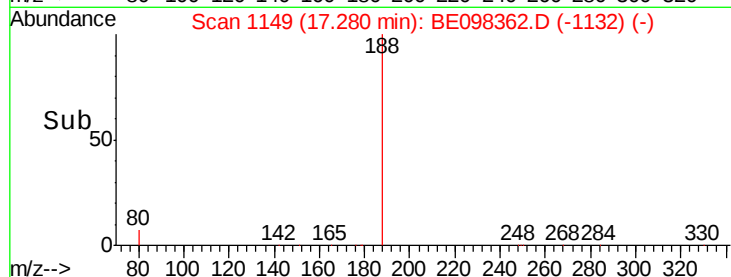
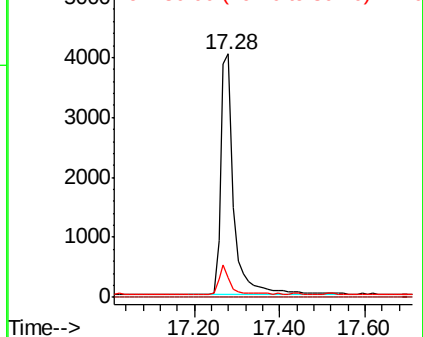
80 8.1 7.2 10.8



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: 0.360 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

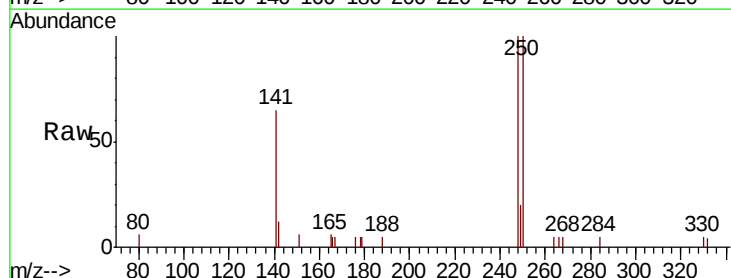
Tgt Ion:248 Resp: 1688

Ion Ratio Lower Upper

248 100

250 100.0 71.0 106.6

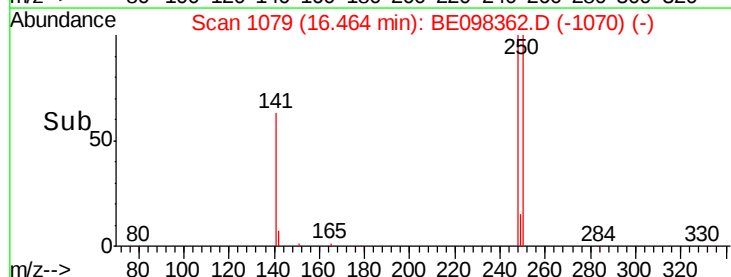
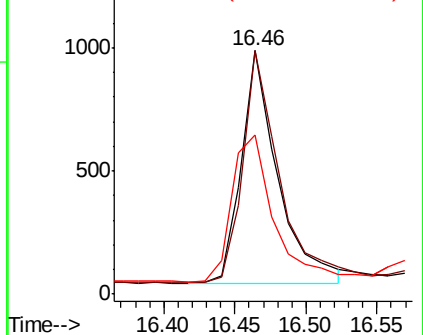
141 65.2 62.1 93.1



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

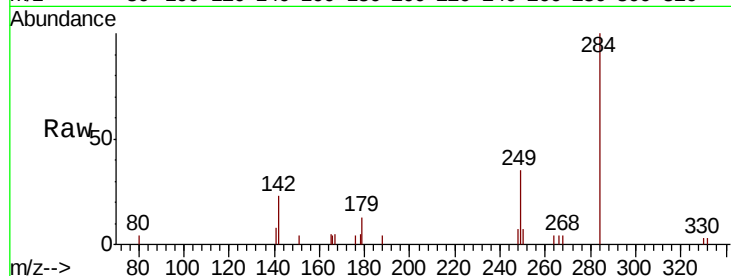




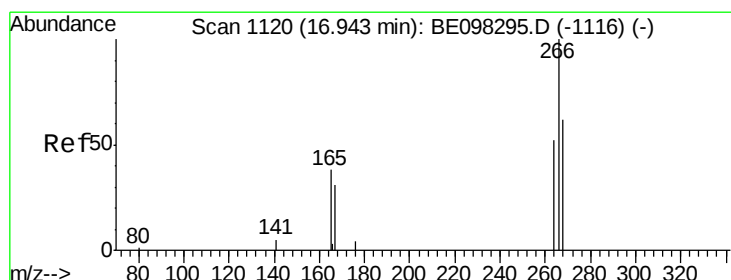
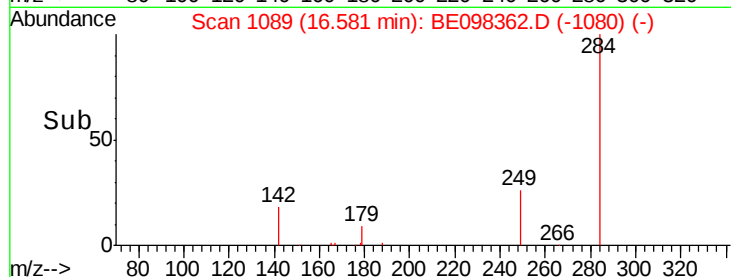
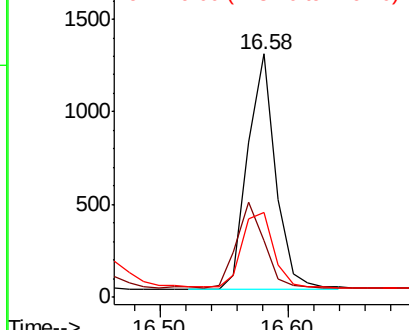
#21
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098362.D
Acq: 12 Dec 2018 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 1933
Ion Ratio Lower Upper
284 100
142 35.8 26.3 39.5
249 36.0 26.0 39.0

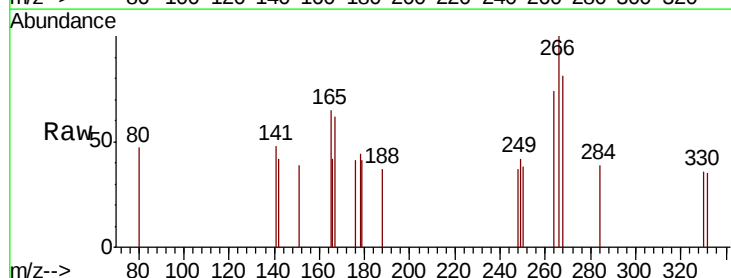


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

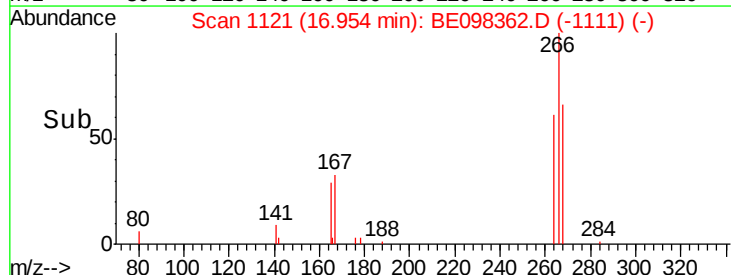
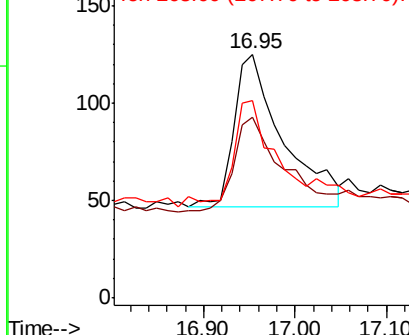


#22
Pentachlorophenol
Concen: 0.363 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098362.D
Acq: 12 Dec 2018 15:42

Tgt Ion: 266 Resp: 289
Ion Ratio Lower Upper
266 100
264 74.4 59.0 88.4
268 80.8 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: 0.370 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

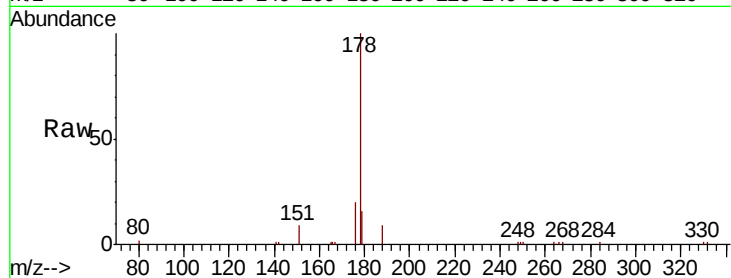
Tgt Ion:178 Resp: 7828

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

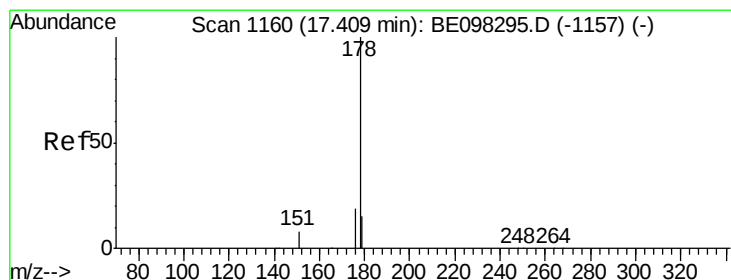
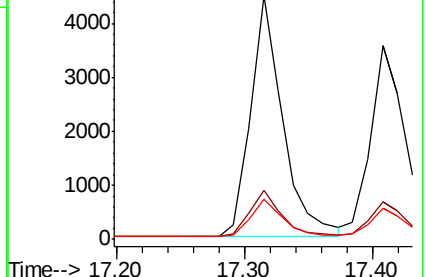
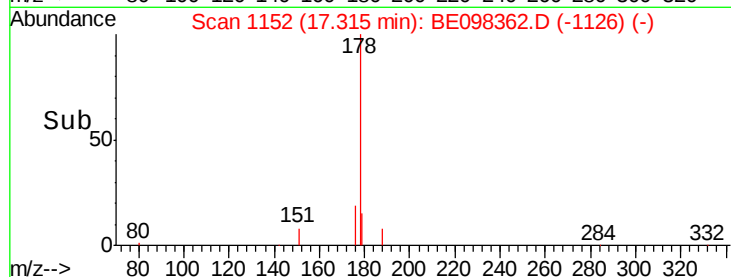
179 15.6 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.351 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

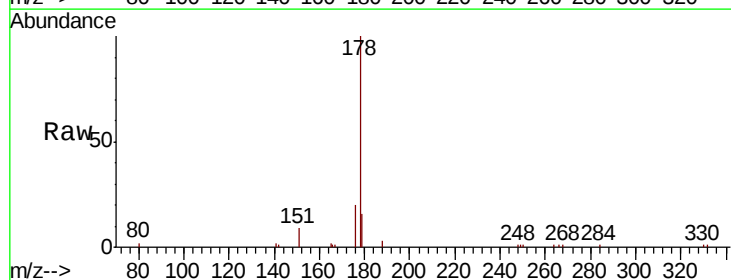
Tgt Ion:178 Resp: 6609

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

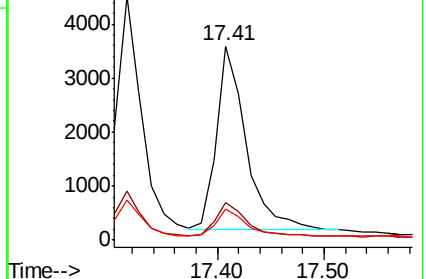
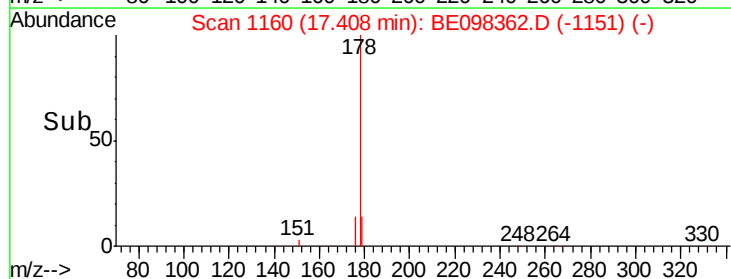
179 14.7 12.3 18.5



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





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

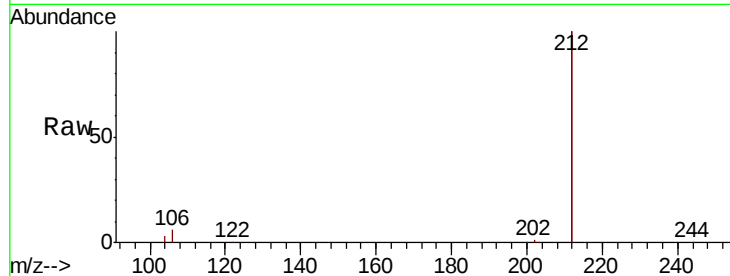
Tgt Ion:212 Resp: 42694

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

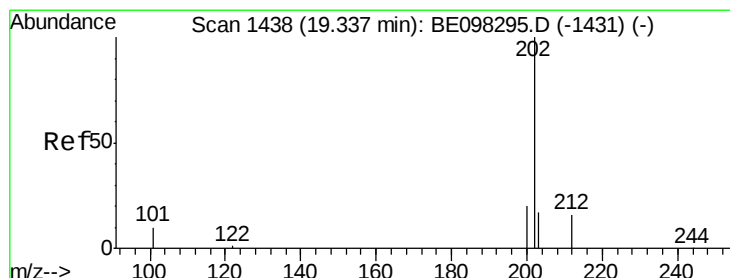
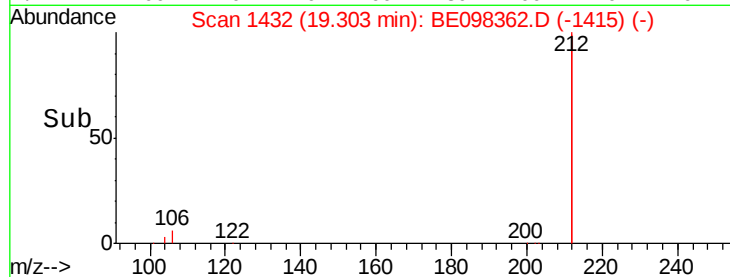
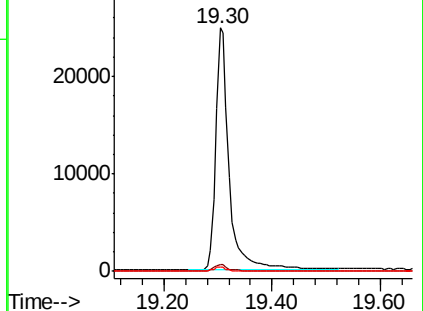
104 1.5 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.387 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

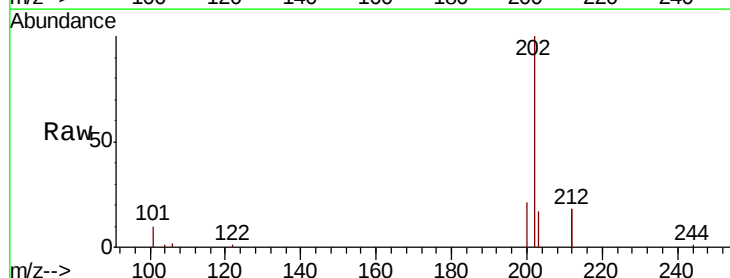
Tgt Ion:202 Resp: 10820

Ion Ratio Lower Upper

202 100

101 9.4 8.0 12.0

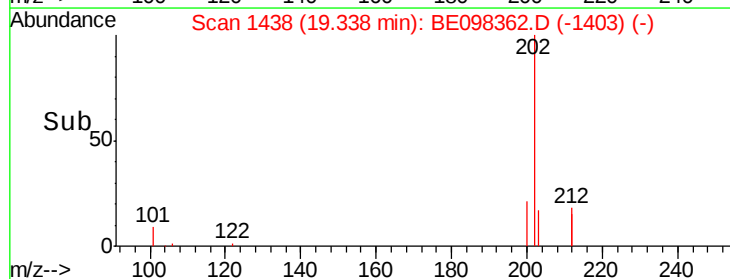
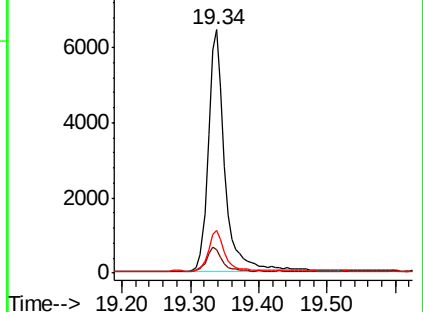
203 16.1 13.8 20.6



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# 1671

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

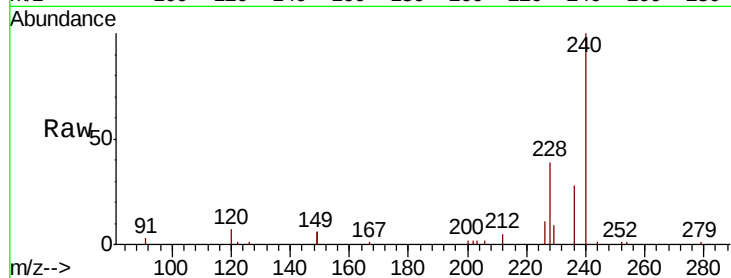
Tgt Ion:240 Resp: 10559

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

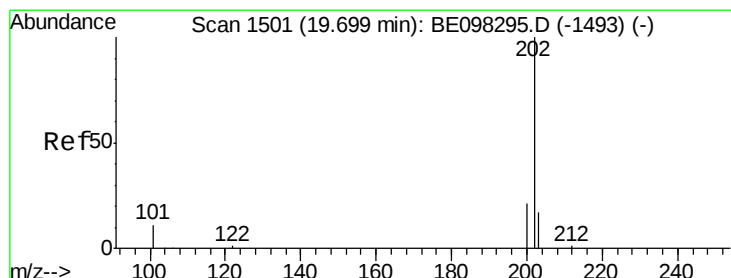
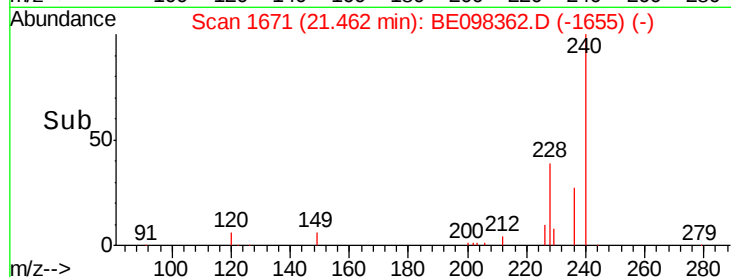
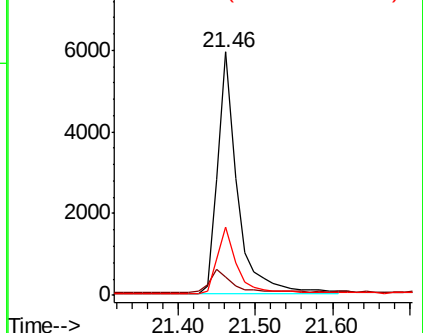
236 27.9 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.338 ng

RT: 19.70 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

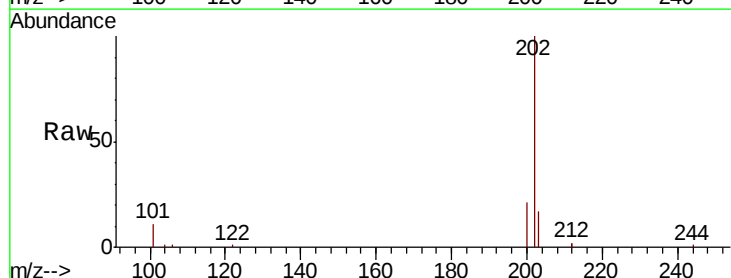
Tgt Ion:202 Resp: 11202

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

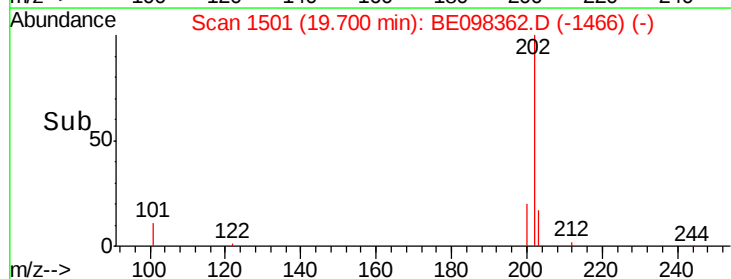
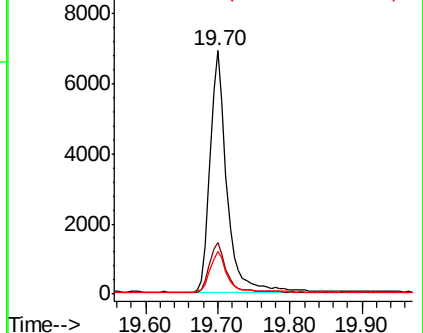
203 16.7 14.1 21.1



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: 0.316 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

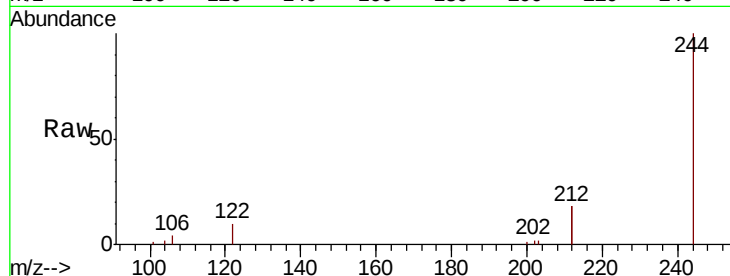
Tgt Ion:244 Resp: 8097

Ion Ratio Lower Upper

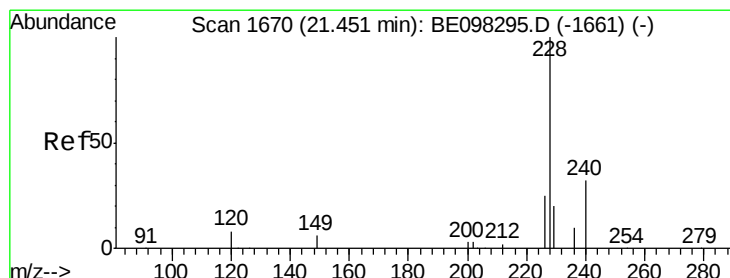
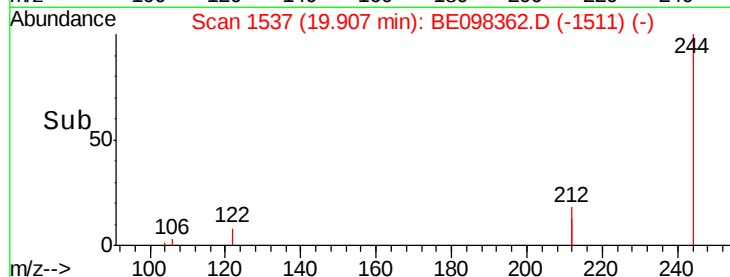
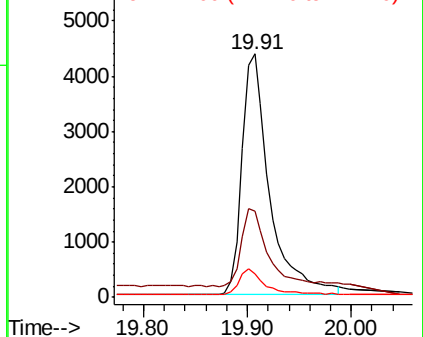
244 100

212 35.4 27.4 41.0

122 9.6 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.353 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

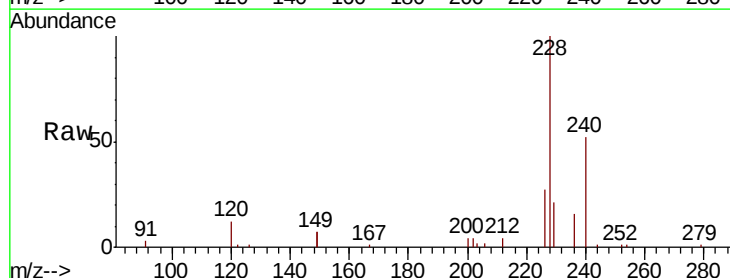
Tgt Ion:228 Resp: 10602

Ion Ratio Lower Upper

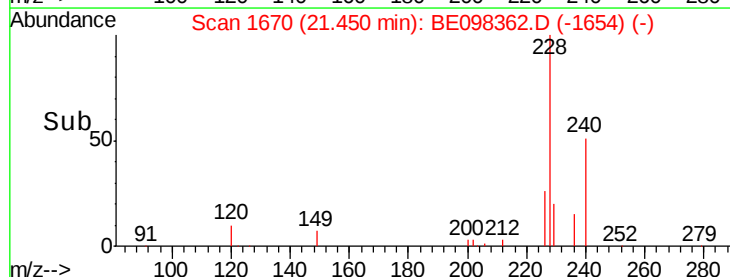
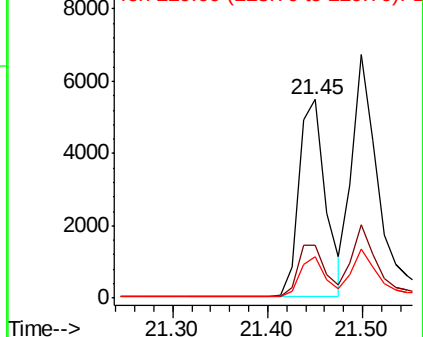
228 100

226 26.9 21.8 32.8

229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.382 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

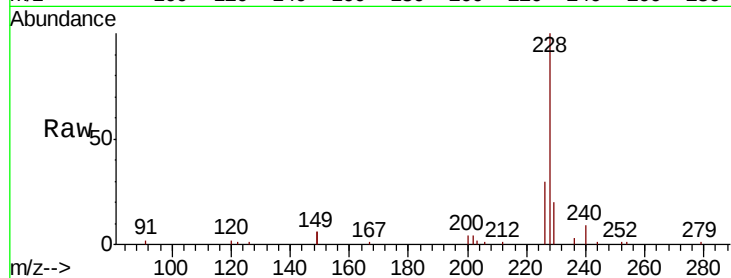
Tgt Ion:228 Resp: 12041

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

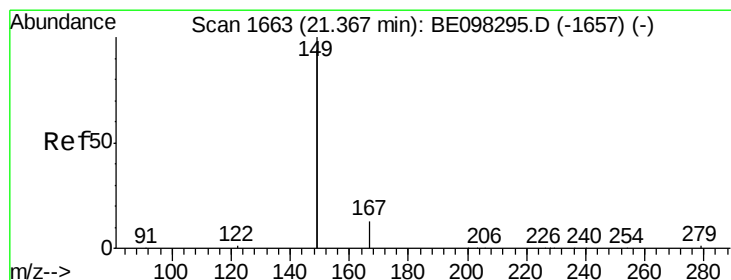
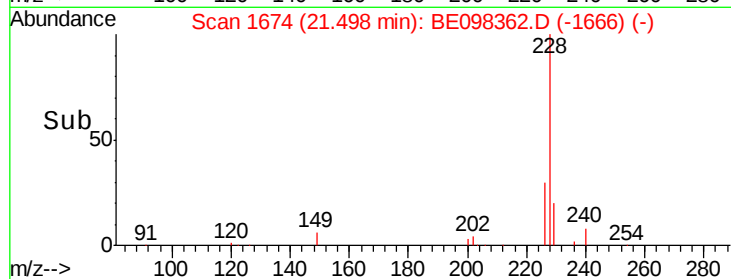
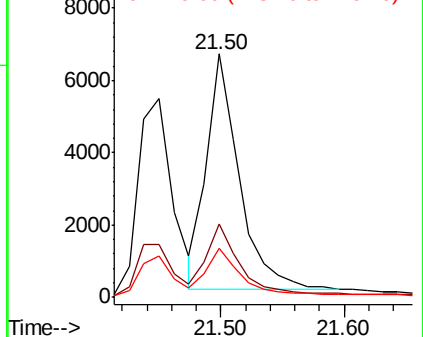
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.340 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

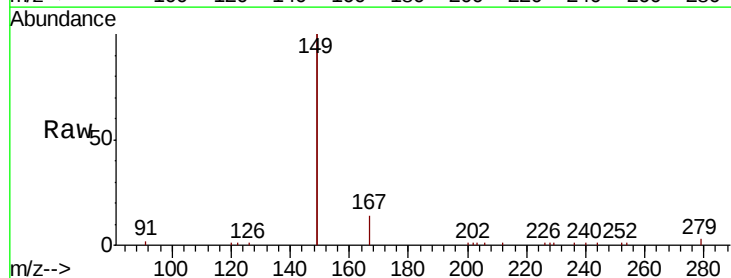
Tgt Ion:149 Resp: 20784

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

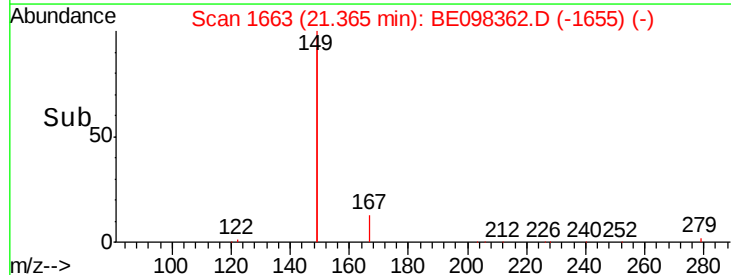
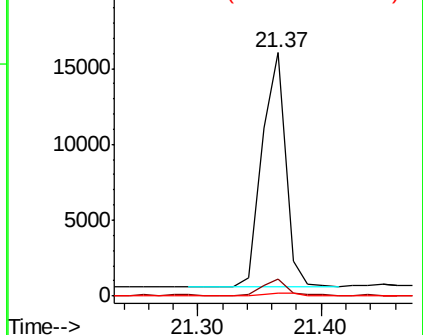
279 1.1 1.0 1.4



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

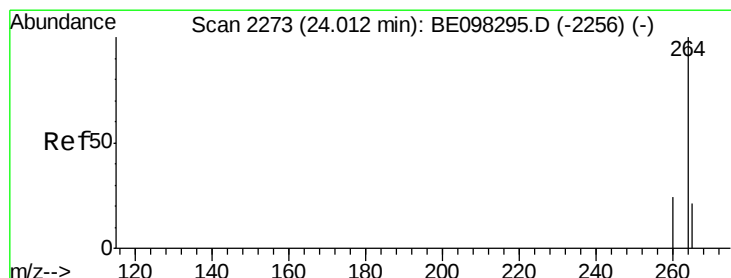
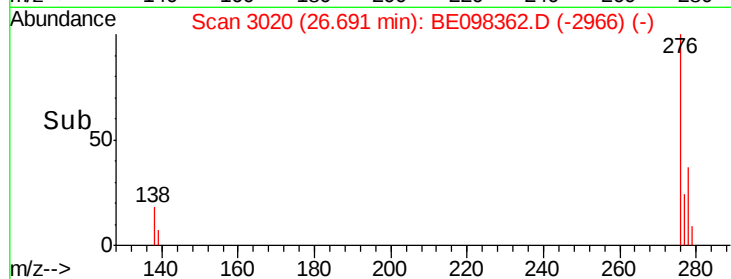
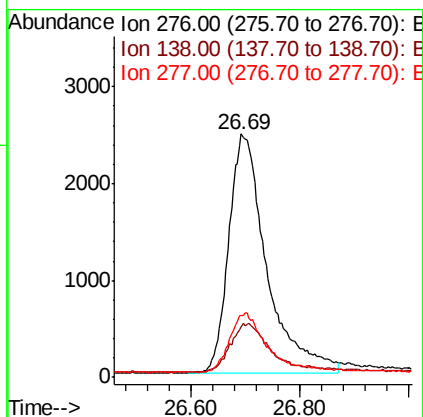
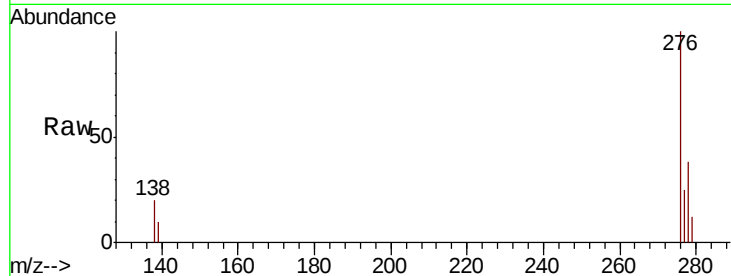




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.382 ng
 RT: 26.69 min Scan# 3020
 Delta R.T. -0.01 min
 Lab File: BE098362.D
 Acq: 12 Dec 2018 15:42

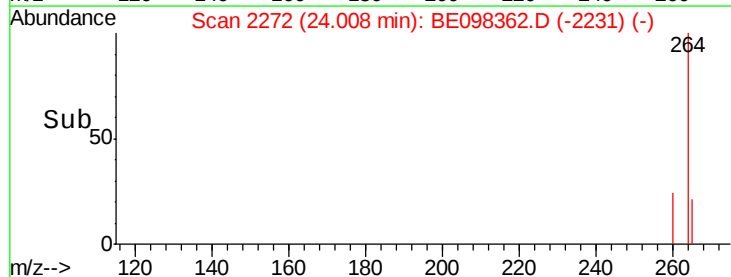
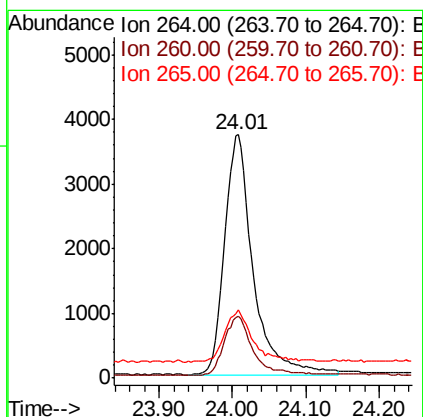
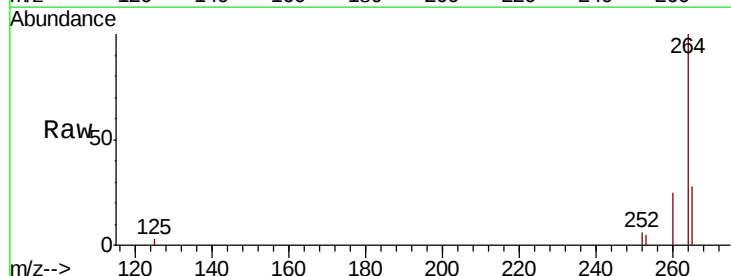
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

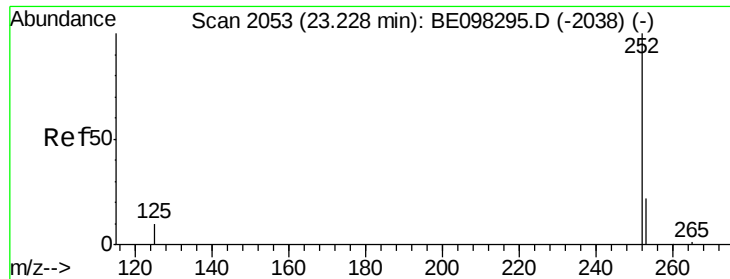
Tgt Ion: 276 Resp: 11980
 Ion Ratio Lower Upper
 276 100
 138 20.7 16.3 24.5
 277 23.8 20.2 30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098362.D
 Acq: 12 Dec 2018 15:42

Tgt Ion: 264 Resp: 10154
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 28.0 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 0.376 ng

RT: 23.22 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

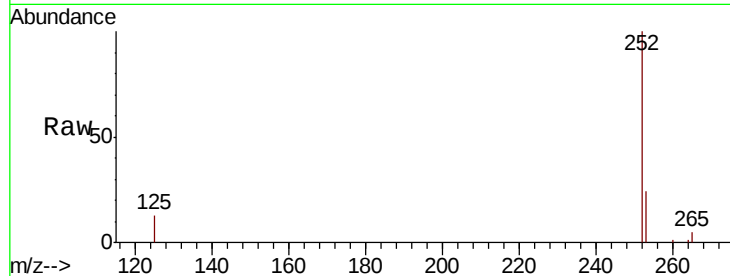
Tgt Ion:252 Resp: 10452

Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

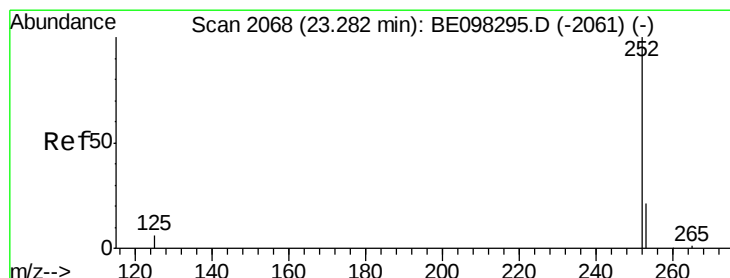
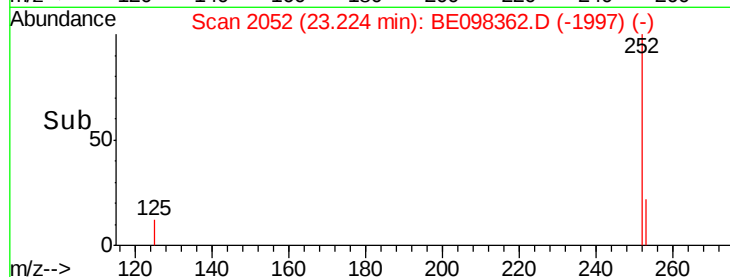
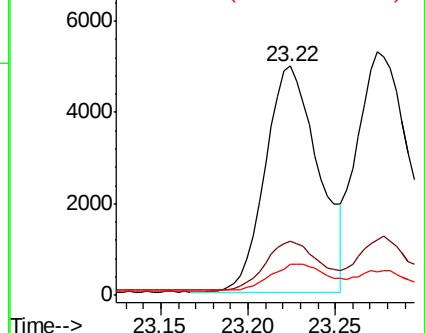
125 13.3 9.6 14.4



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: 0.386 ng

RT: 23.27 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

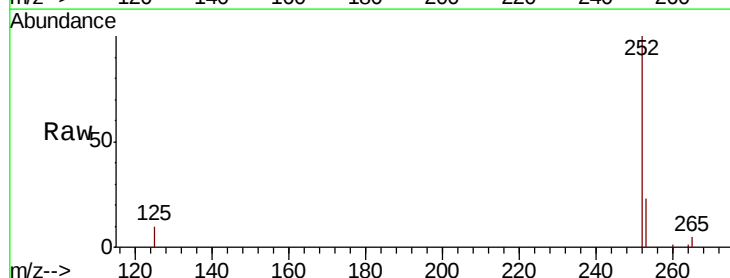
Tgt Ion:252 Resp: 12491

Ion Ratio Lower Upper

252 100

253 23.0 19.0 28.6

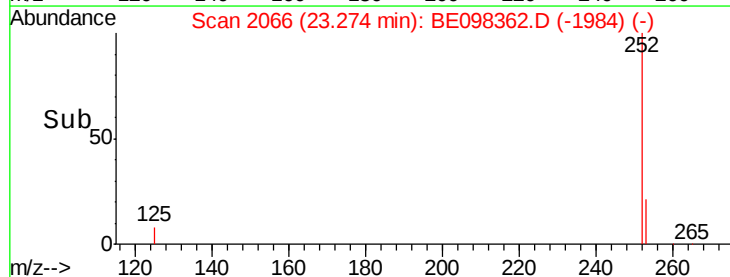
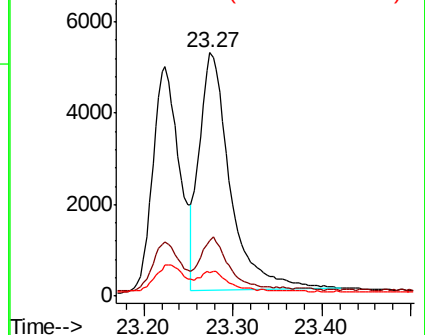
125 9.6 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.89 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

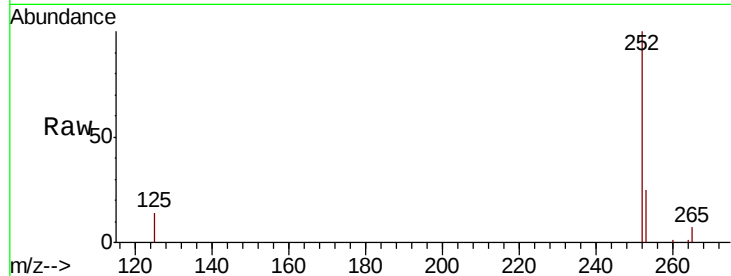
Tgt Ion:252 Resp: 10771

Ion Ratio Lower Upper

252 100

253 24.8 20.6 30.8

125 14.0 10.5 15.7

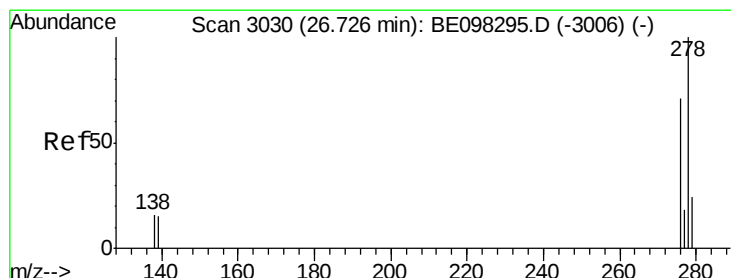
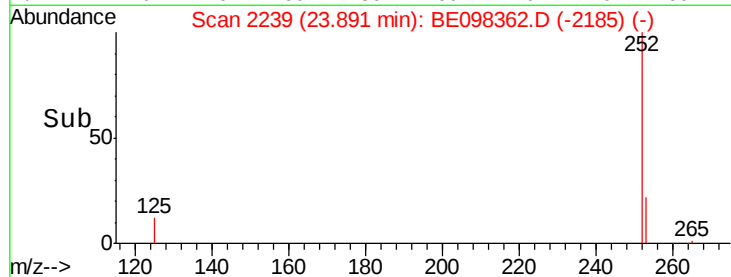
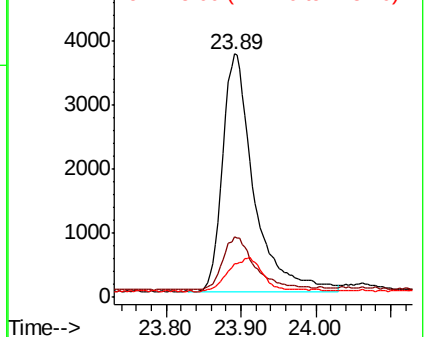


Abundance

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: 0.365 ng

RT: 26.72 min Scan# 3029

Delta R.T. -0.00 min

Lab File: BE098362.D

Acq: 12 Dec 2018 15:42

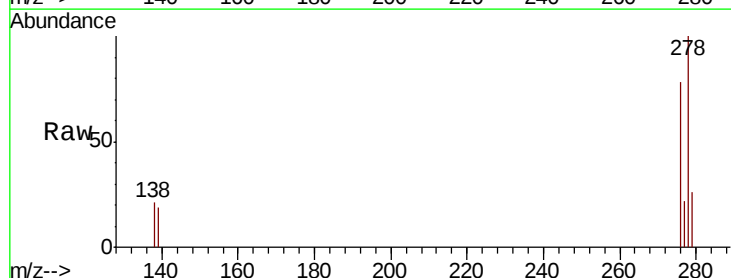
Tgt Ion:278 Resp: 9853

Ion Ratio Lower Upper

278 100

139 19.4 14.5 21.7

279 26.4 21.8 32.8

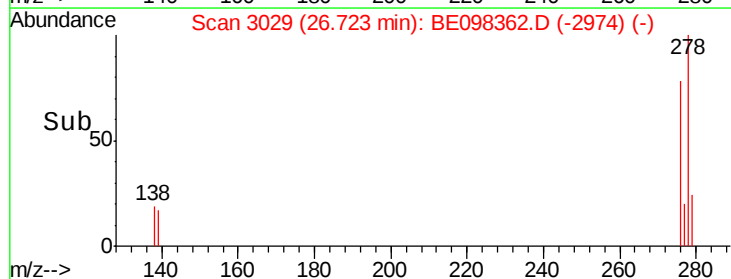
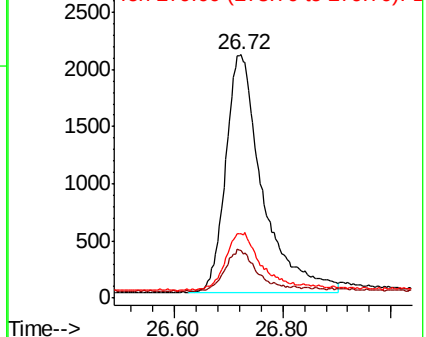


Abundance

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: 0.370 ng

RT: 27.51 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BE098362.D

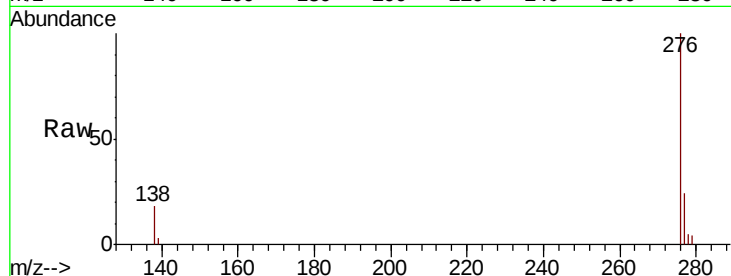
Acq: 12 Dec 2018 15:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



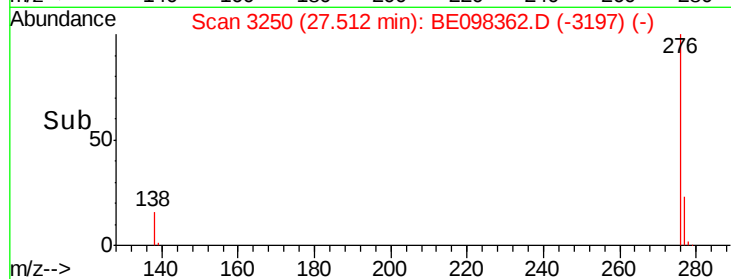
Tgt Ion: 276 Resp: 10071

Ion Ratio Lower Upper

276 100

277 24.5 20.8 31.2

138 18.4 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

