

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121818\
 Data File : BE098520.D
 Acq On : 18 Dec 2018 19:39
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 19 03:25:31 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	7.85	152	1111	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	5748	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	3571	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	8458	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	9598	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8979	0.40	ng	-0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.45	112	1126	0.43	ng	0.00
5) Phenol-d6	7.03	99	1866	0.51	ng	-0.01
8) Nitrobenzene-d5	9.02	82	1782	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3837	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	483	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	5972	0.40	ng	-0.01
25) Fluoranthene-d10	19.30	212	40738	0.38	ng	-0.01
29) Terphenyl-d14	19.89	244	7941	0.34	ng	-0.01

Target Compounds

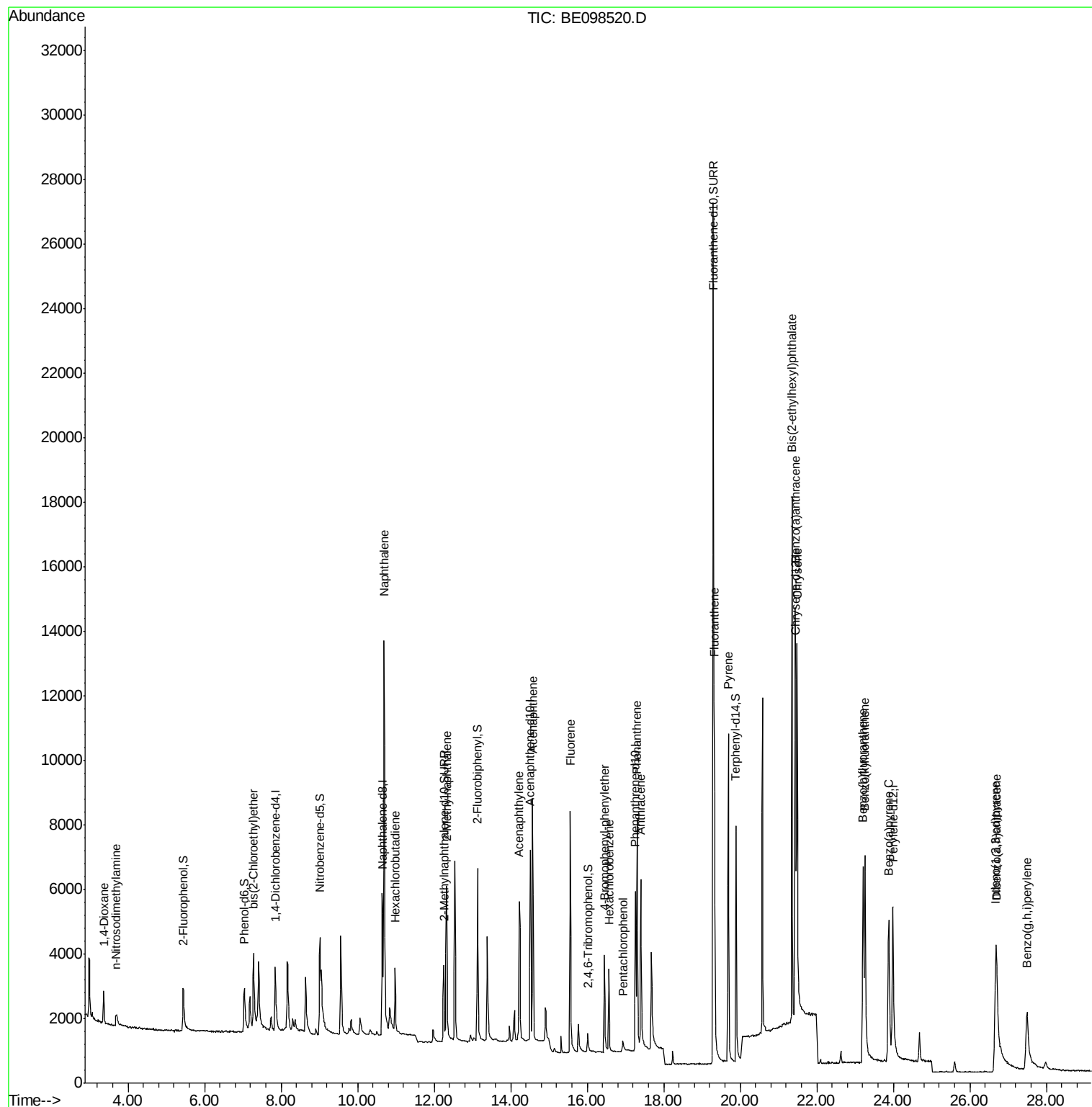
						Qvalue
2) 1,4-Dioxane	3.36	88	717	0.373	ng	94
3) n-Nitrosodimethylamine	3.69	42	502	0.290	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	1352	0.386	ng	81
9) Naphthalene	10.69	128	22966	0.397	ng	99
10) Hexachlorobutadiene	10.98	225	1479	0.402	ng	98
12) 2-Methylnaphthalene	12.32	142	3748	0.399	ng	97
16) Acenaphthylene	14.23	152	5915	0.354	ng	99
17) Acenaphthene	14.57	154	3882	0.386	ng	98
18) Fluorene	15.56	166	4949	0.368	ng	100
20) 4-Bromophenyl-phenylether	16.45	248	1781	0.391	ng	88
21) Hexachlorobenzene	16.57	284	2066	0.422	ng	96
22) Pentachlorophenol	16.93	266	322	0.408	ng	94
23) Phenanthrene	17.30	178	7900	0.384	ng	99
24) Anthracene	17.40	178	6477	0.354	ng	100
26) Fluoranthene	19.33	202	10049	0.370	ng	98
28) Pyrene	19.69	202	10522	0.349	ng	100
30) Benzo(a)anthracene	21.44	228	10132	0.371	ng	98
31) Chrysene	21.49	228	10879	0.380	ng	98
32) Bis(2-ethylhexyl)phthalate	21.35	149	18325	0.330	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	8115	0.285	ng	# 85
35) Benzo(b)fluoranthene	23.21	252	9559	0.389	ng	98
36) Benzo(k)fluoranthene	23.26	252	11901	0.416	ng	98
37) Benzo(a)pyrene	23.87	252	9905	0.391	ng	98
38) Dibenzo(a,h)anthracene	26.69	278	7399	0.310	ng	# 90
39) Benzo(g,h,i)perylene	27.49	276	6803	0.283	ng	98

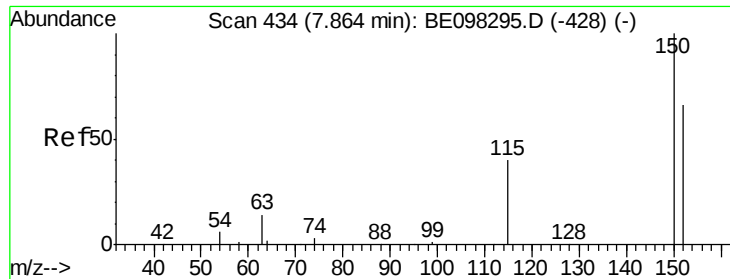
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

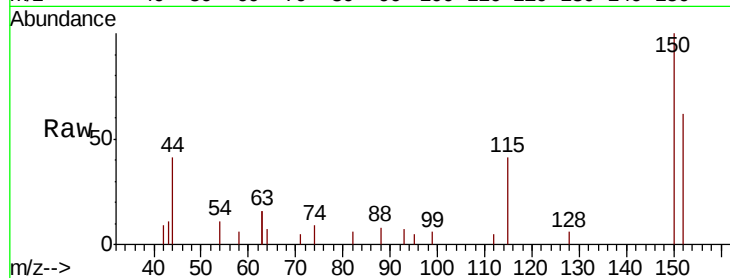
Tgt Ion: 152 Resp: 1111

Ion Ratio Lower Upper

152 100

150 162.1 124.2 186.4

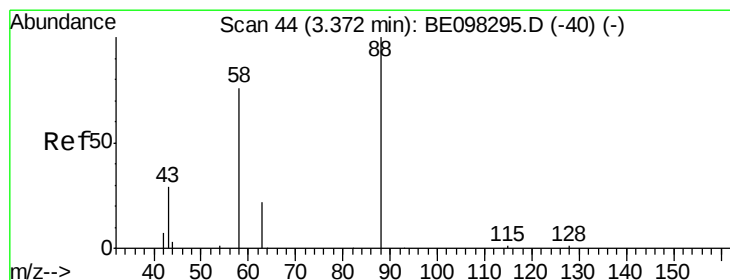
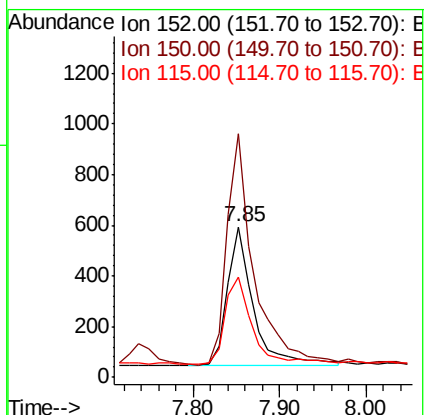
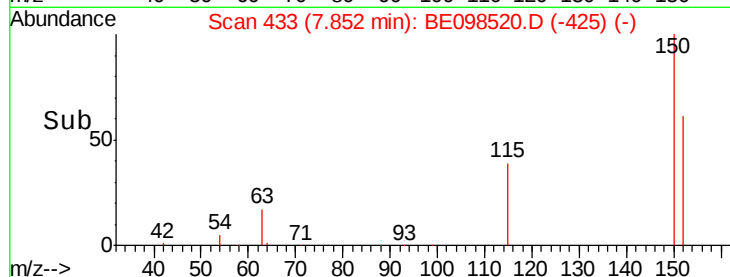
115 67.1 53.9 80.9



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: 0.373 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

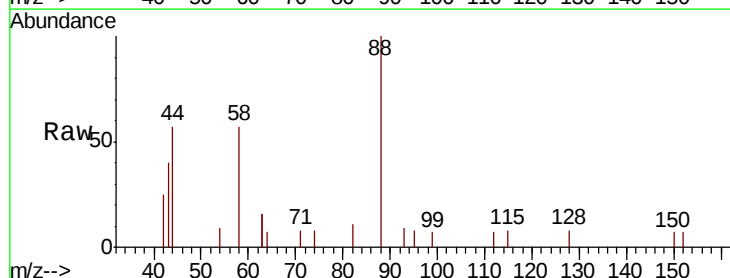
Tgt Ion: 88 Resp: 717

Ion Ratio Lower Upper

88 100

58 86.2 75.0 112.6

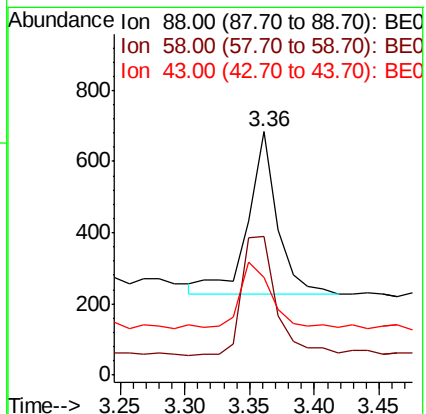
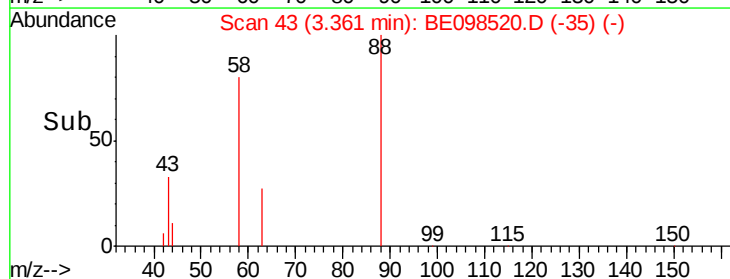
43 46.6 38.3 57.5



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: 0.290 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

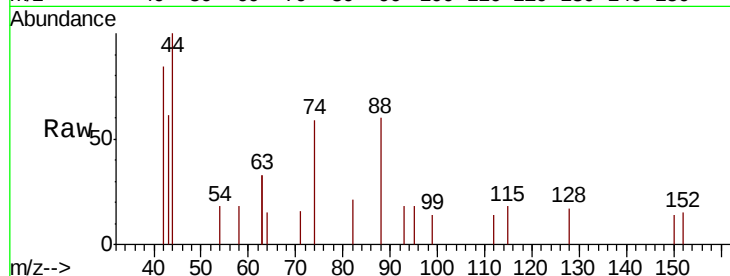
Tgt Ion: 42 Resp: 502

Ion Ratio Lower Upper

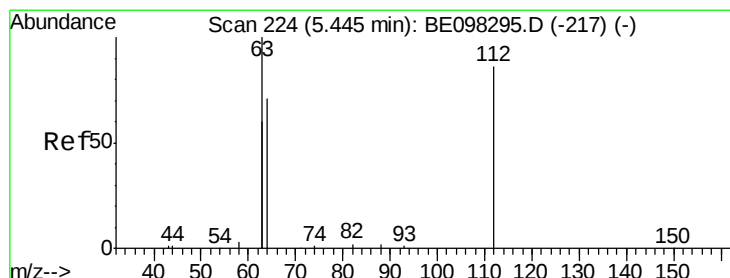
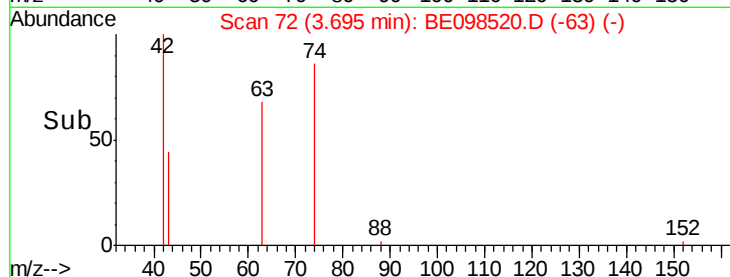
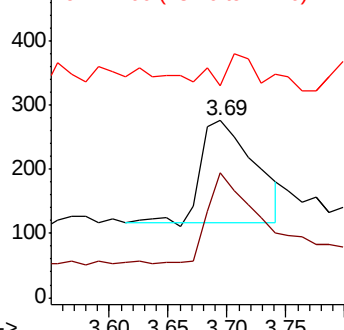
42 100

74 74.9 0.0 0.0#

44 14.1 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: 0.433 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

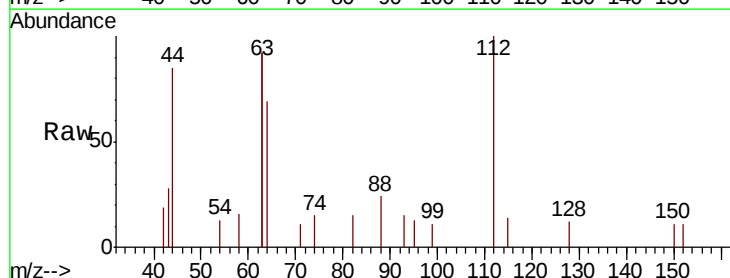
Tgt Ion: 112 Resp: 1126

Ion Ratio Lower Upper

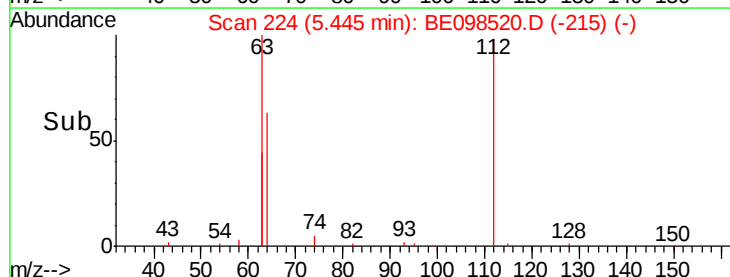
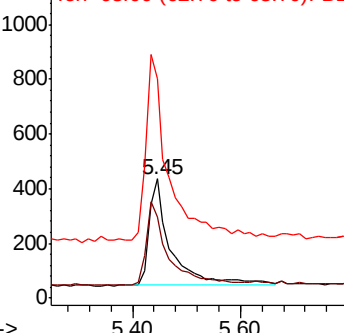
112 100

64 77.3 59.8 89.8

63 174.8 133.7 200.5



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: 0.507 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

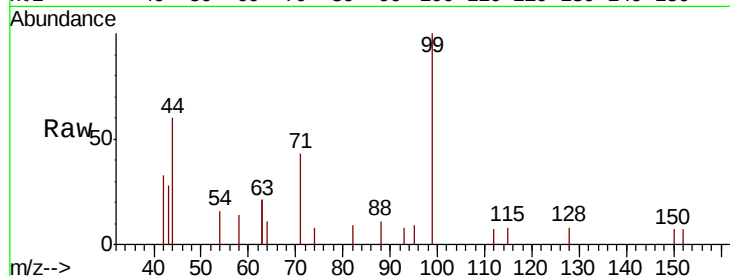
Tgt Ion: 99 Resp: 1866

Ion Ratio Lower Upper

99 100

42 26.8 26.3 39.5

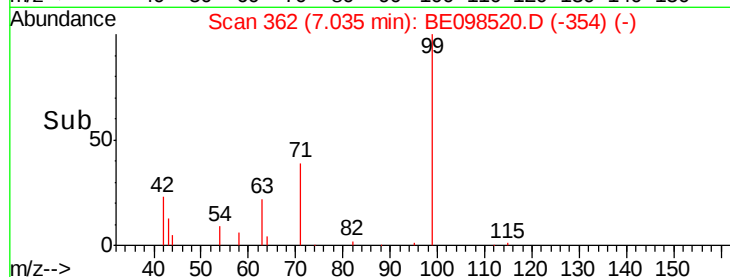
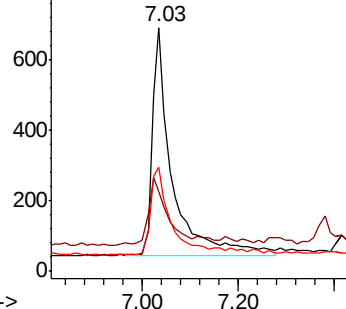
71 42.0 33.6 50.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.386 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

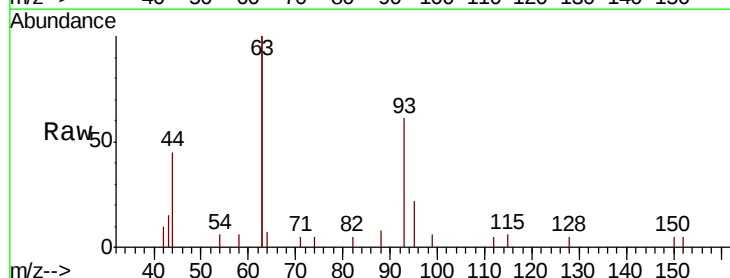
Tgt Ion: 93 Resp: 1352

Ion Ratio Lower Upper

93 100

63 287.7 264.4 396.6

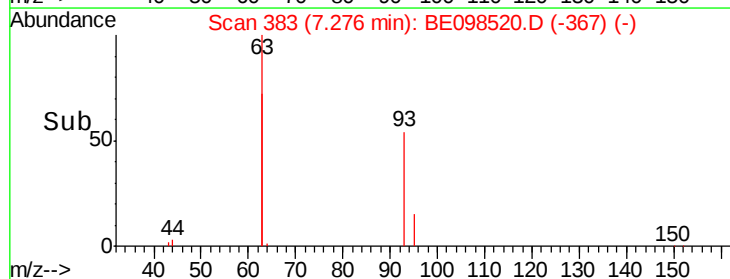
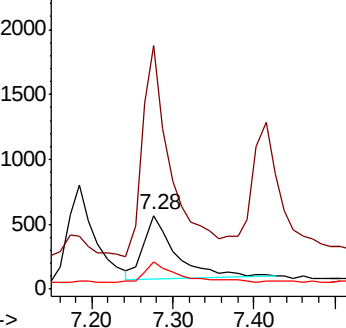
95 32.8 26.6 40.0



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 5748

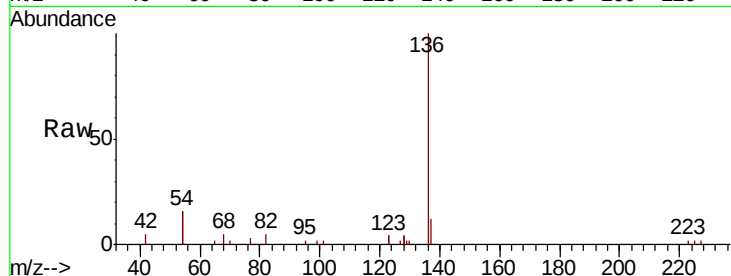
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 32.0 28.4 42.6

68 5.4 5.4 8.0#

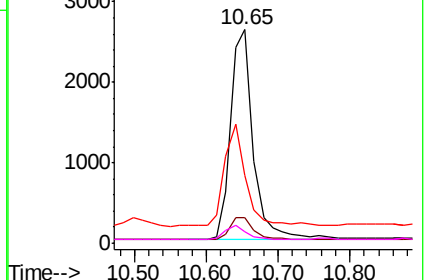
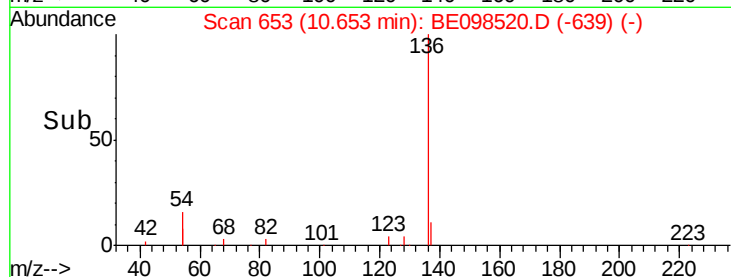


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

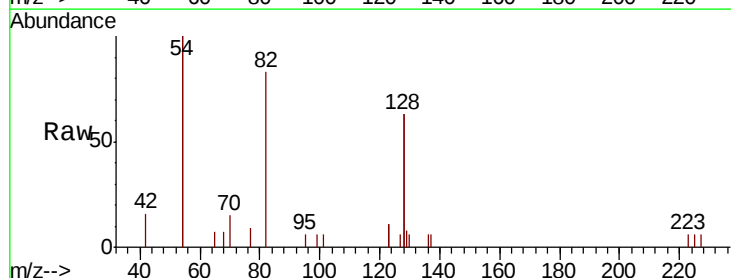
Tgt Ion: 82 Resp: 1782

Ion Ratio Lower Upper

82 100

128 150.4 102.4 153.6

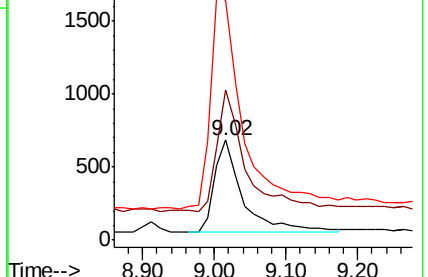
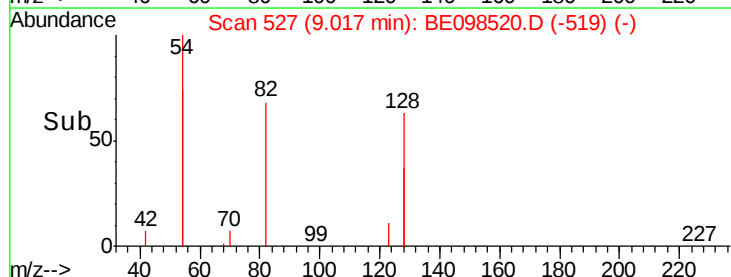
54 239.7 221.8 332.8

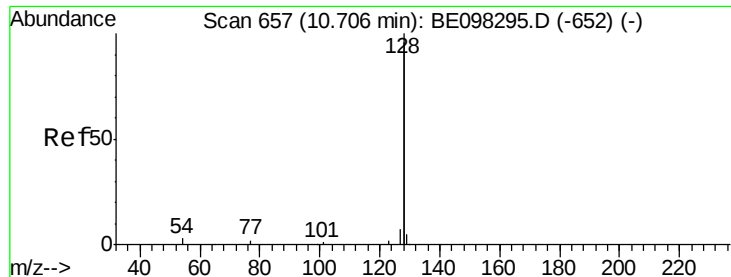


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.397 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

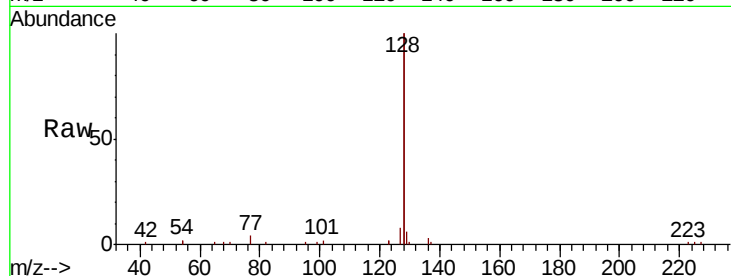
Tgt Ion:128 Resp: 22966

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

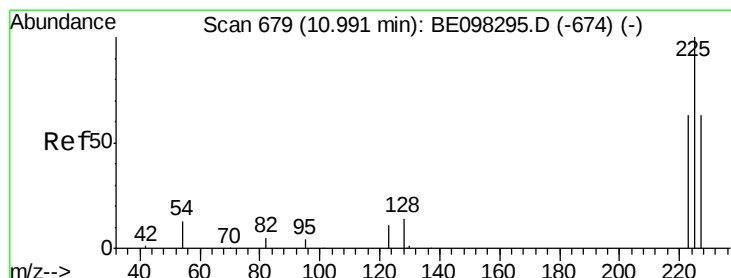
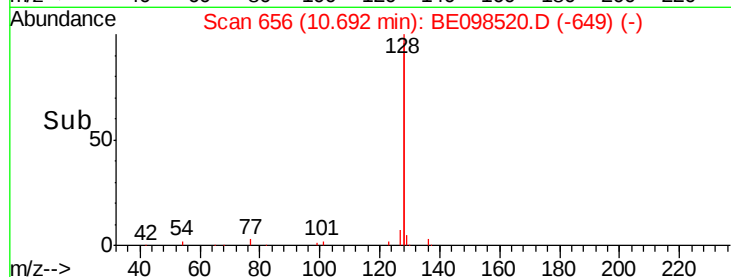
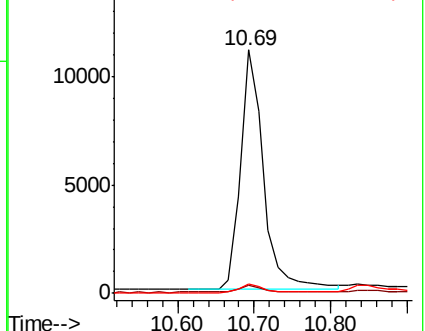
127 3.8 2.7 4.1



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: 0.402 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

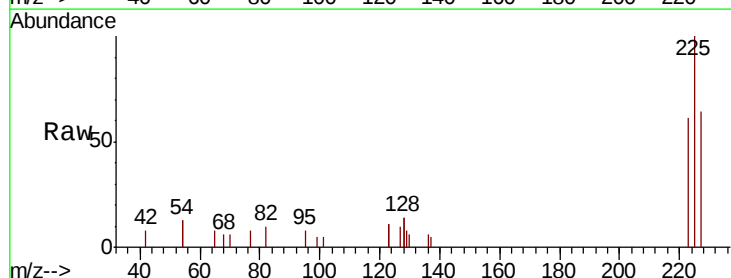
Tgt Ion:225 Resp: 1479

Ion Ratio Lower Upper

225 100

223 60.8 49.4 74.0

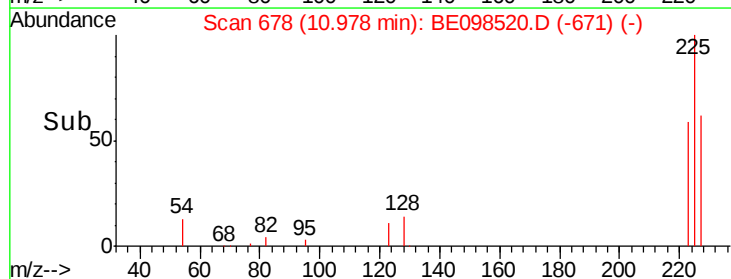
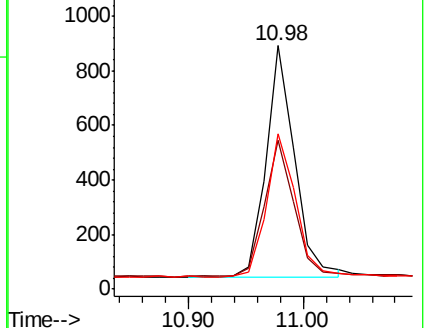
227 63.4 52.0 78.0

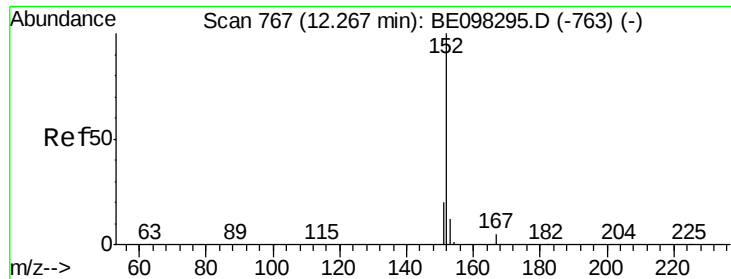


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

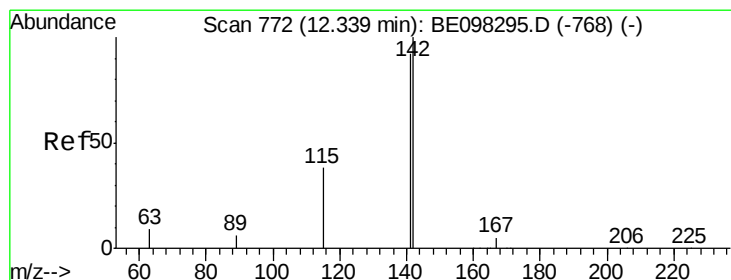
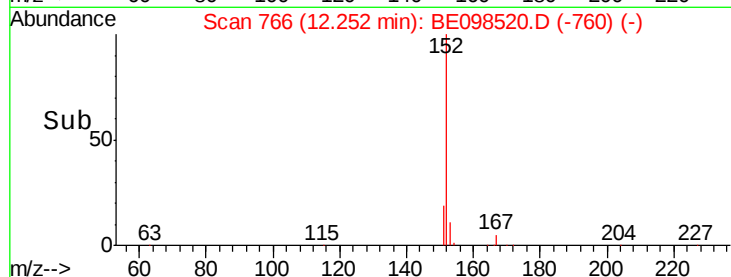
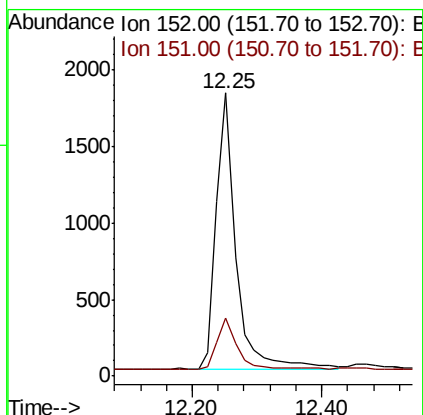
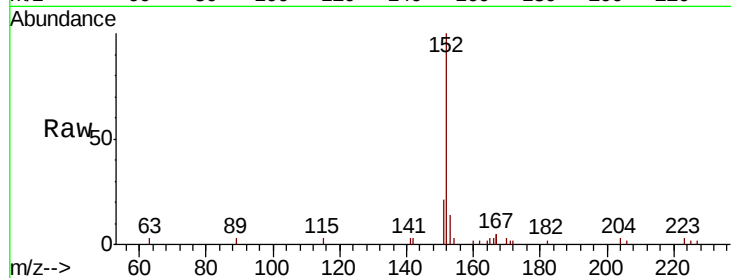




#11
 2-Methylnaphthalene-d10
 Concen: 0.411 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098520.D
 Acq: 18 Dec 2018 19:39

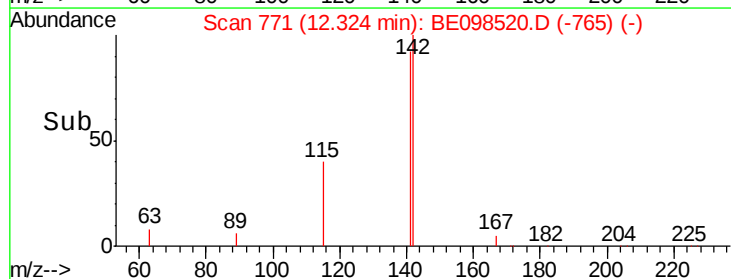
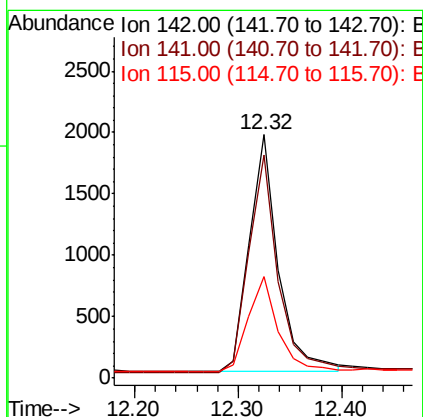
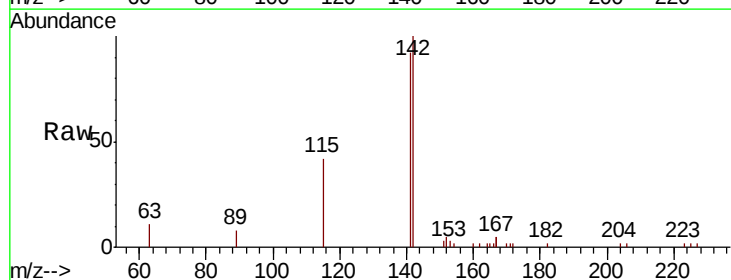
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

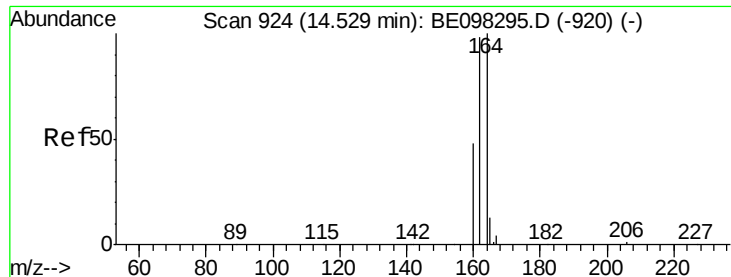
Tgt Ion:152 Resp: 3837
 Ion Ratio Lower Upper
 152 100
 151 19.2 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.399 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BE098520.D
 Acq: 18 Dec 2018 19:39

Tgt Ion:142 Resp: 3748
 Ion Ratio Lower Upper
 142 100
 141 91.6 71.0 106.6
 115 41.8 32.2 48.2

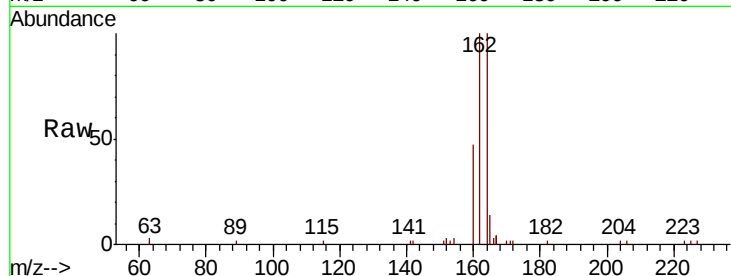




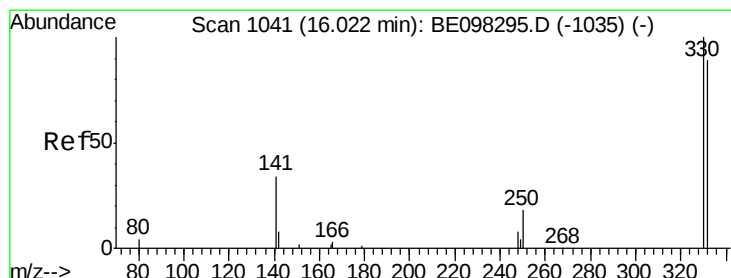
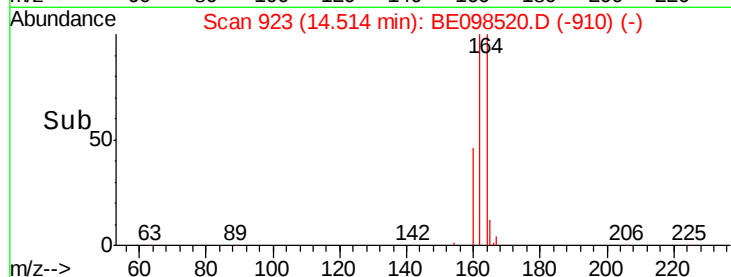
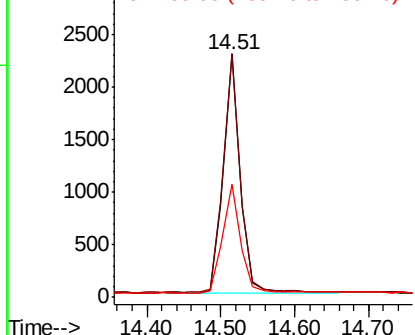
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098520.D
 Acq: 18 Dec 2018 19:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Tgt Ion:164 Resp: 3571
 Ion Ratio Lower Upper
 164 100
 162 100.0 77.6 116.4
 160 46.7 36.0 54.0

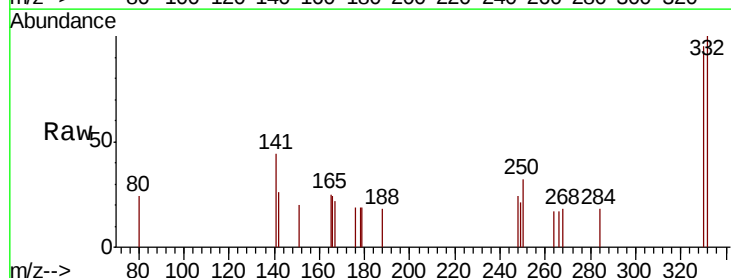


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

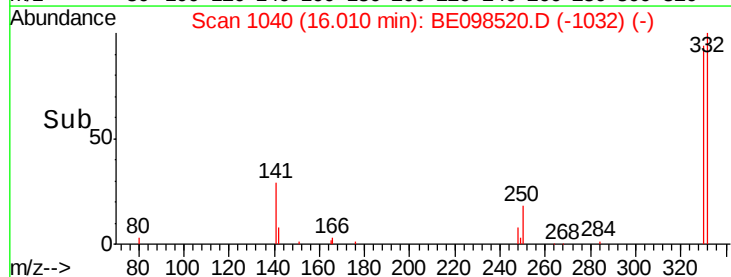
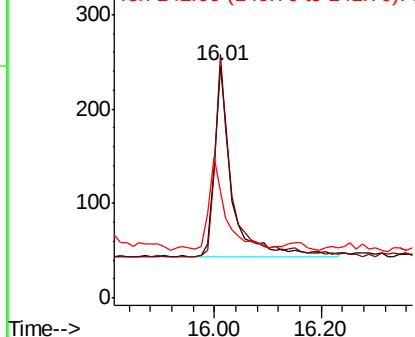


#14
 2,4,6-Tribromophenol
 Concen: 0.368 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098520.D
 Acq: 18 Dec 2018 19:39

Tgt Ion:330 Resp: 483
 Ion Ratio Lower Upper
 330 100
 332 103.3 76.2 114.4
 141 43.1 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

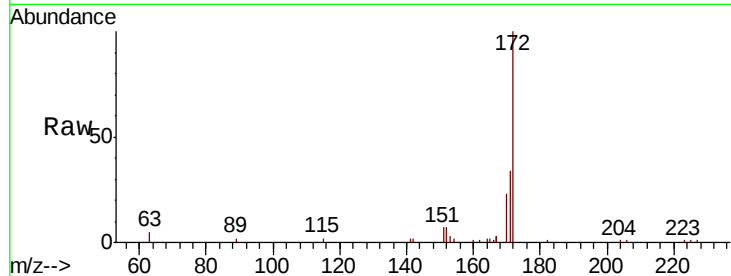




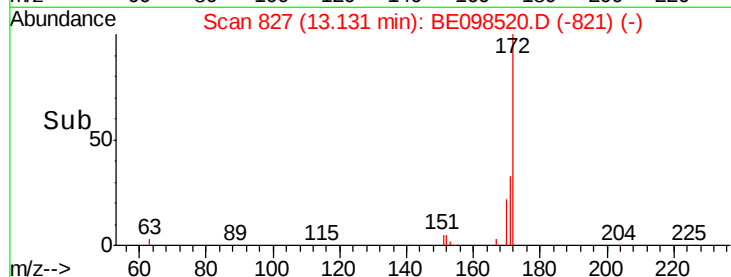
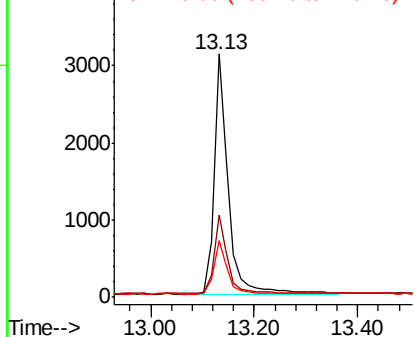
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5972
Ion Ratio Lower Upper
172 100
171 33.9 27.5 41.3
170 23.2 19.6 29.4

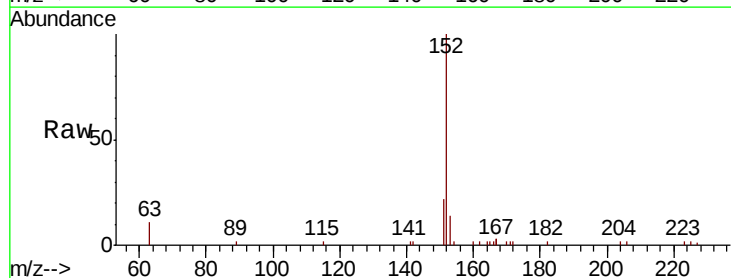


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

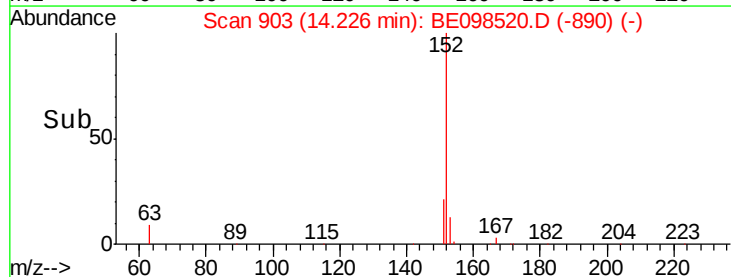
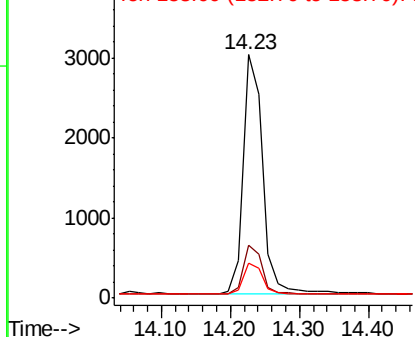


#16
Acenaphthylene
Concen: 0.354 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:152 Resp: 5915
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 13.5 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: 0.386 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

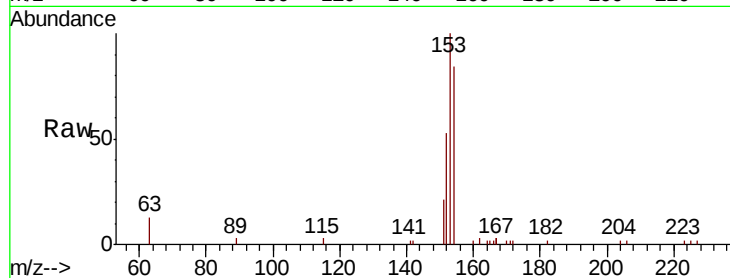
Tgt Ion:154 Resp: 3882

Ion Ratio Lower Upper

154 100

153 117.3 91.8 137.6

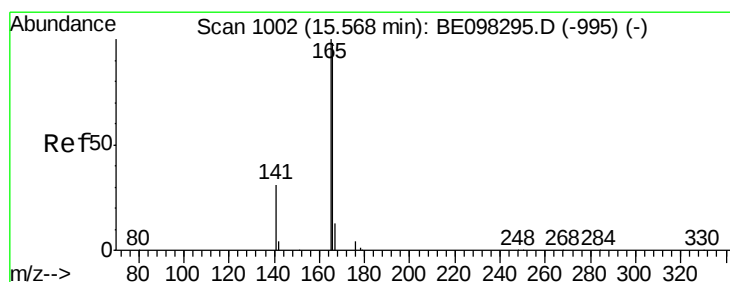
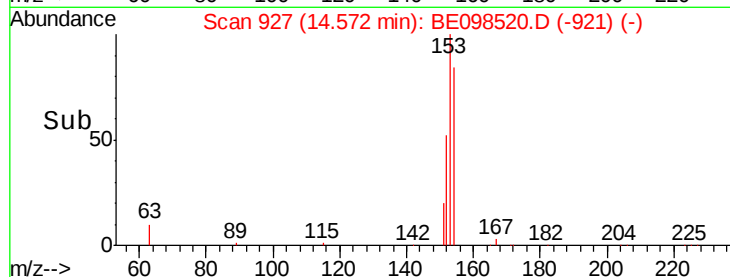
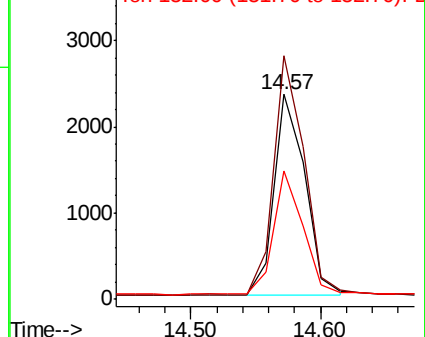
152 58.3 45.5 68.3



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: 0.368 ng

RT: 15.56 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

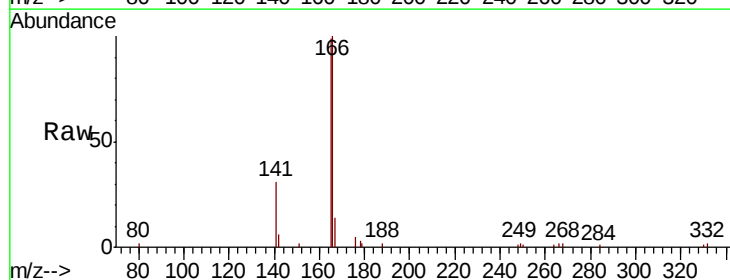
Tgt Ion:166 Resp: 4949

Ion Ratio Lower Upper

166 100

165 99.4 79.3 118.9

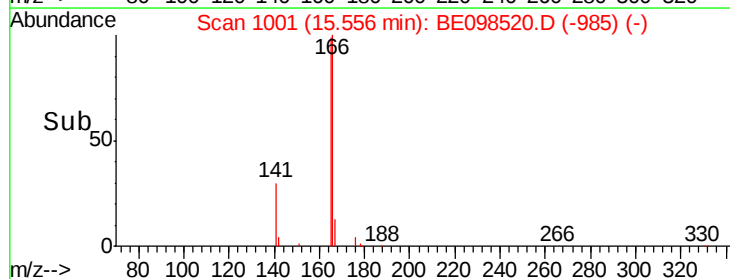
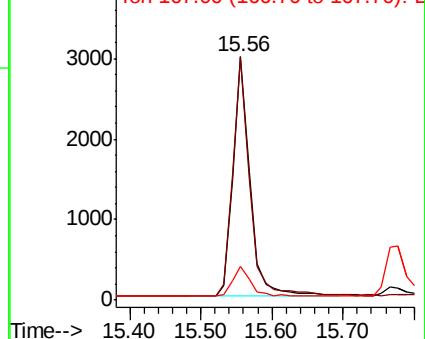
167 13.6 11.3 16.9

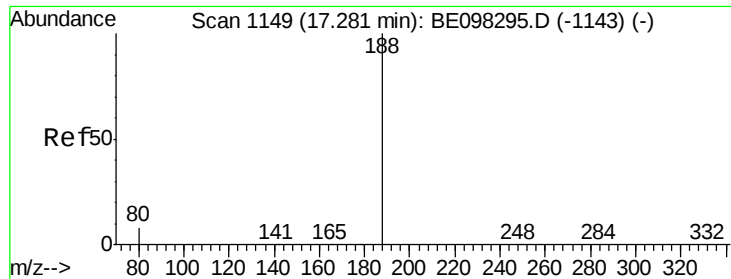


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.26 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

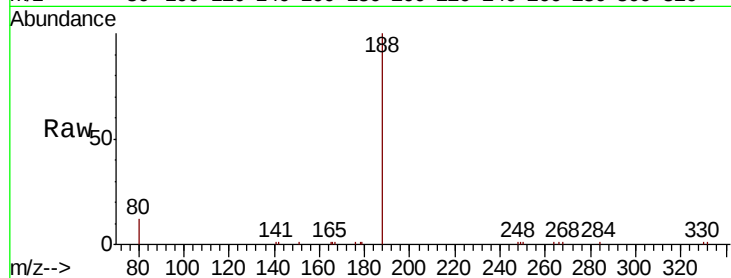
Tgt Ion:188 Resp: 8458

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

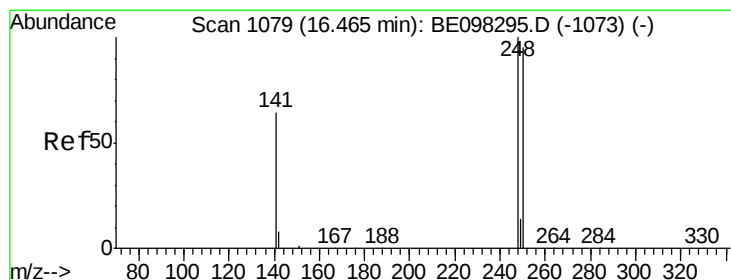
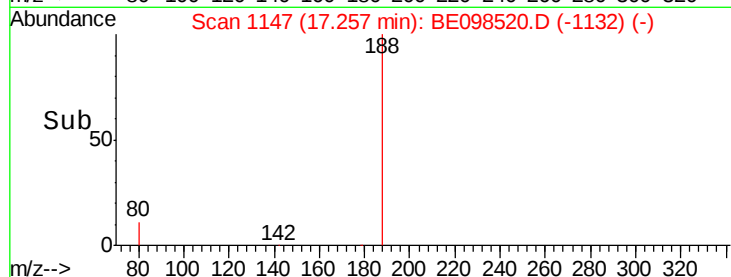
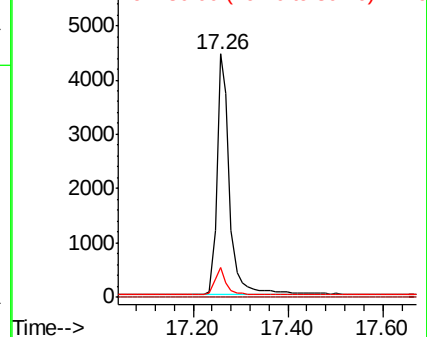
80 12.1 7.2 10.8#



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: 0.391 ng

RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

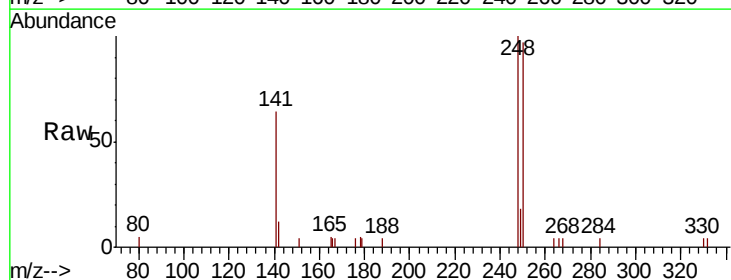
Tgt Ion:248 Resp: 1781

Ion Ratio Lower Upper

248 100

250 97.0 71.0 106.6

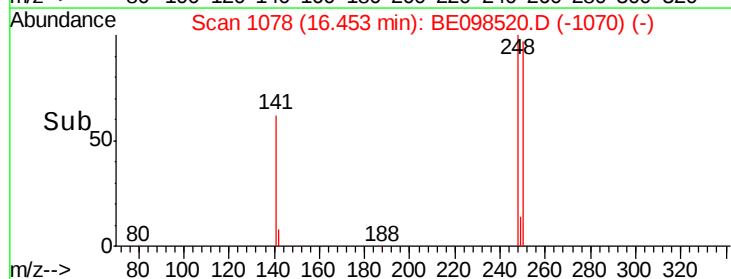
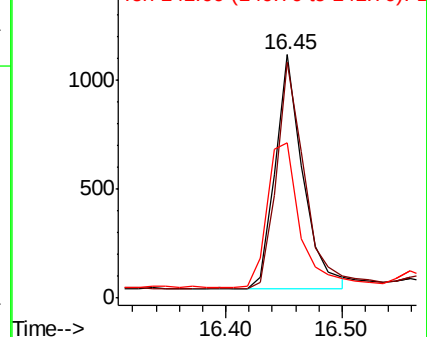
141 64.0 62.1 93.1



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

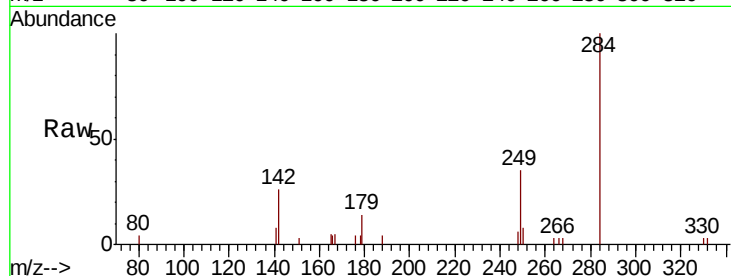




#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	26.3	39.5
249	33.6	26.0	39.0

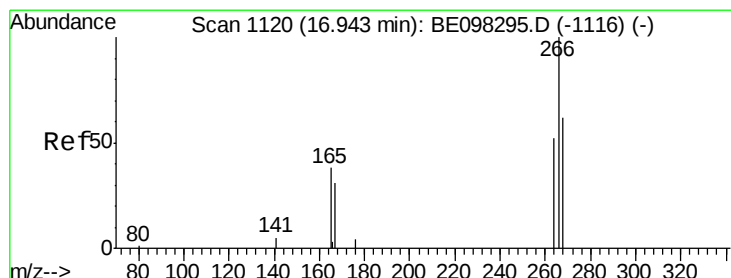
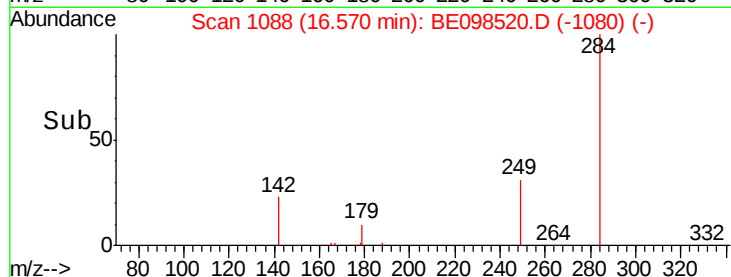
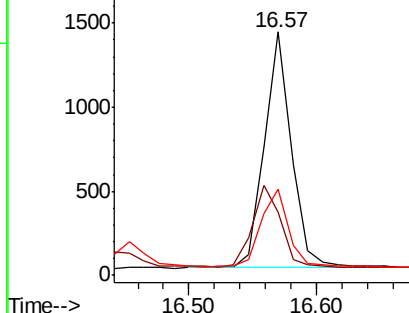


Abundance

Ion 283.80 (283.50 to 284.50): E

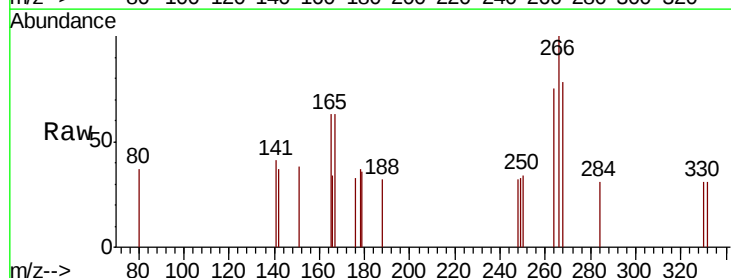
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.408 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	75.2	59.0	88.4
268	77.9	55.1	82.7

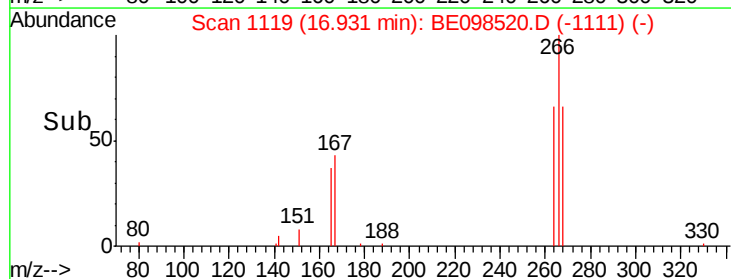
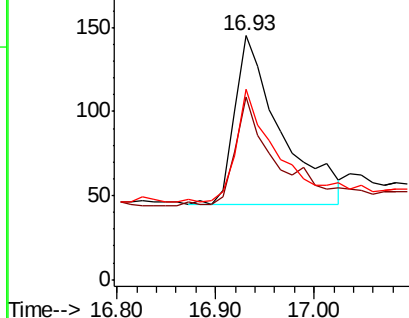


Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.384 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

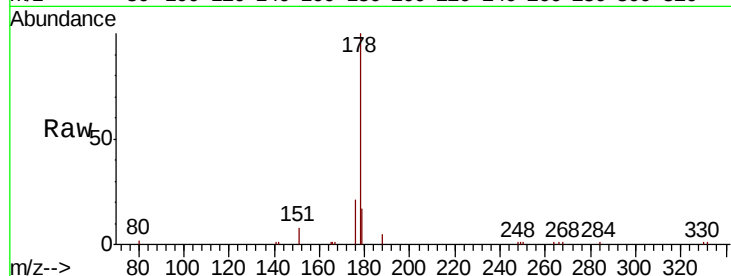
Tgt Ion:178 Resp: 7900

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

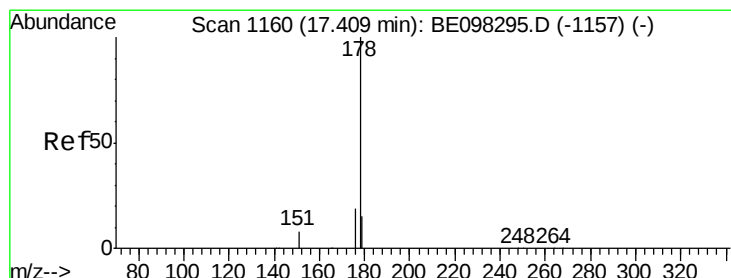
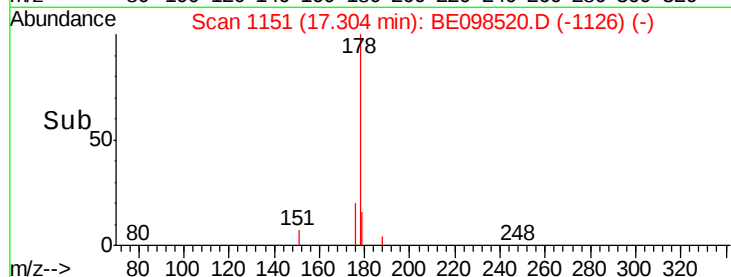
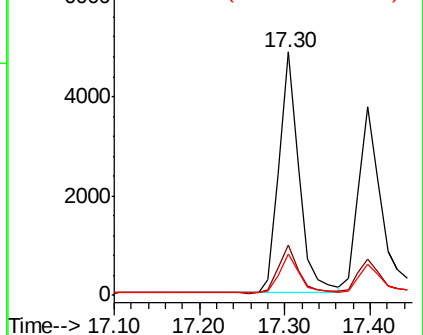
179 15.8 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.354 ng

RT: 17.40 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

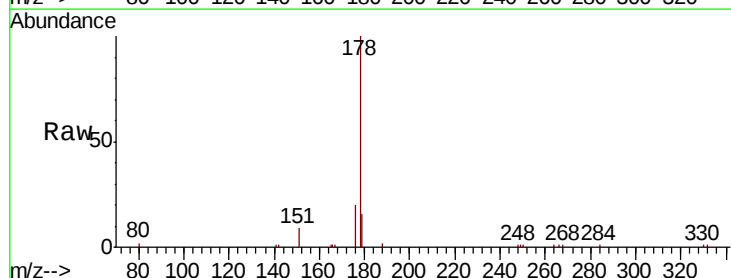
Tgt Ion:178 Resp: 6477

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

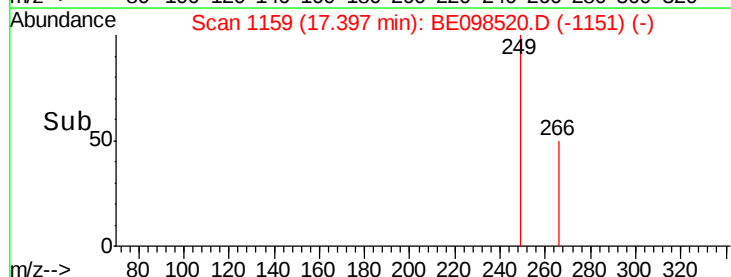
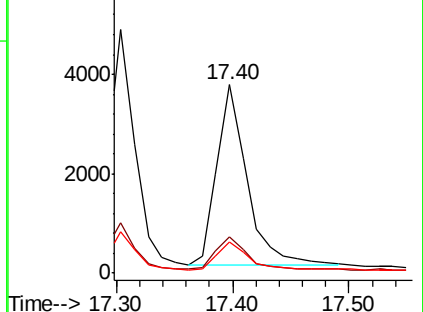
179 15.5 12.3 18.5

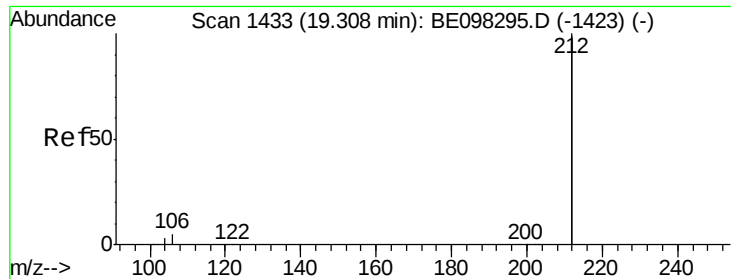


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

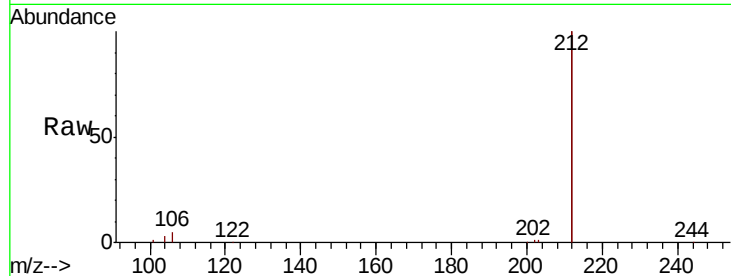
Tgt Ion:212 Resp: 40738

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

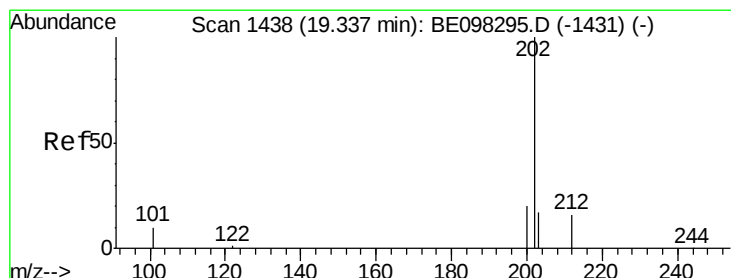
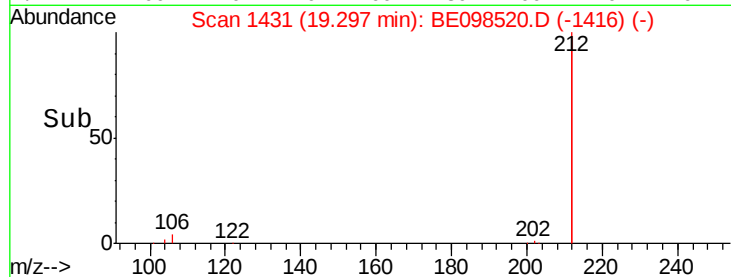
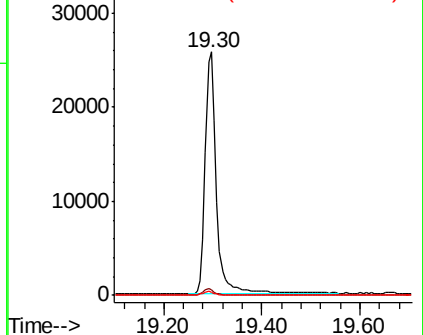
104 1.4 1.3 1.9



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: 0.370 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

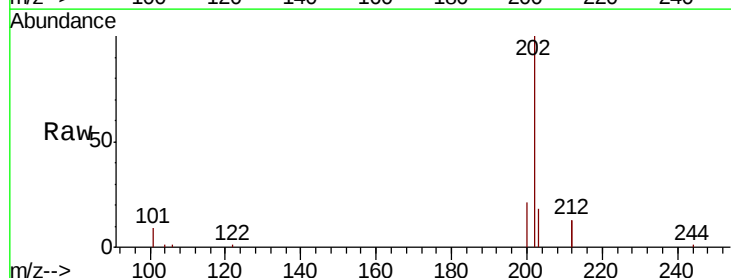
Tgt Ion:202 Resp: 10049

Ion Ratio Lower Upper

202 100

101 8.7 8.0 12.0

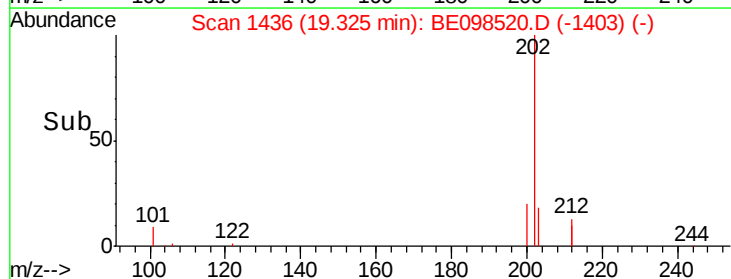
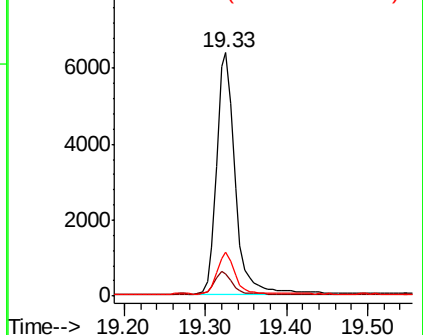
203 16.6 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

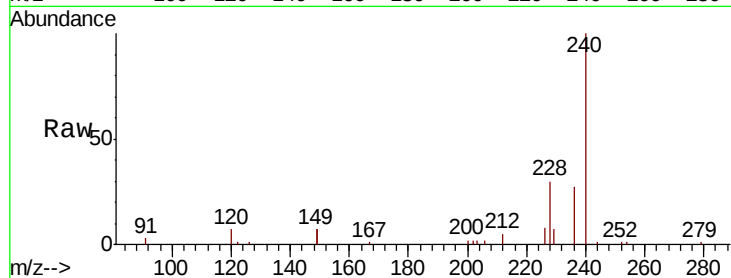
Tgt Ion:240 Resp: 9598

Ion Ratio Lower Upper

240 100

120 7.0 9.5 14.3#

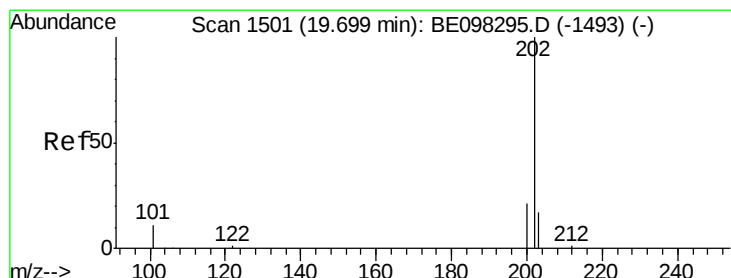
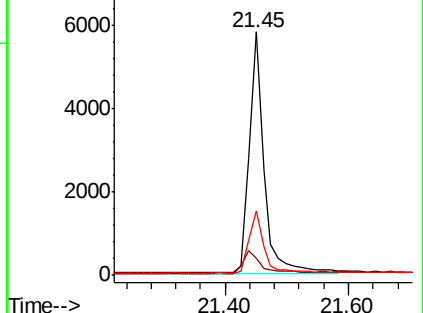
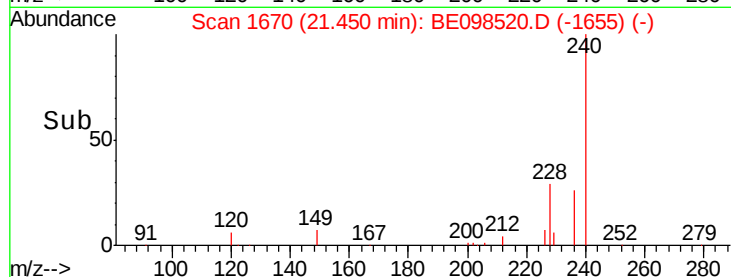
236 26.5 22.7 34.1



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: 0.349 ng

RT: 19.69 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

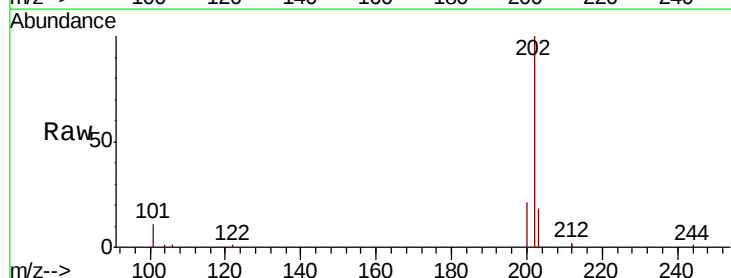
Tgt Ion:202 Resp: 10522

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

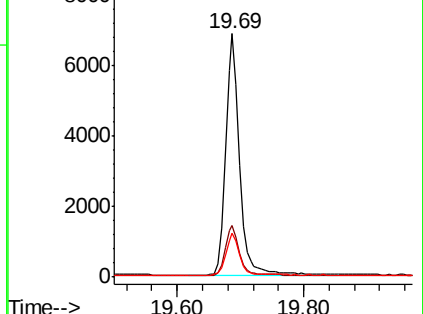
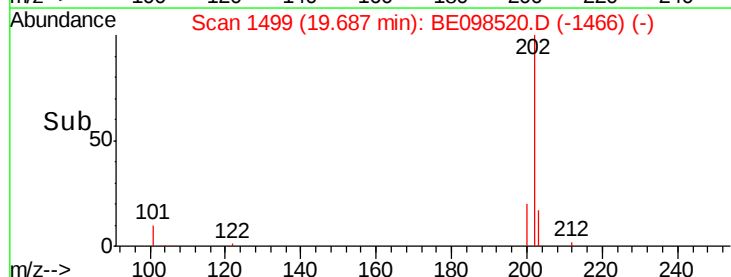
203 17.4 14.1 21.1



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: 0.340 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

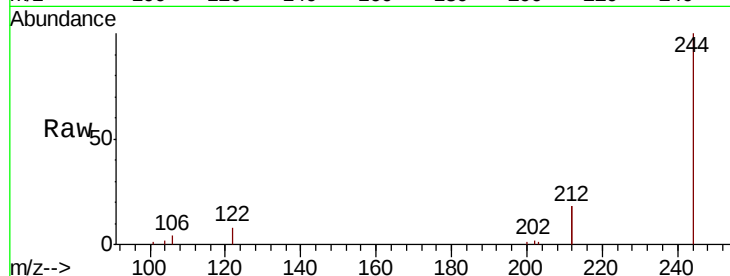
Tgt Ion:244 Resp: 7941

Ion Ratio Lower Upper

244 100

212 36.4 27.4 41.0

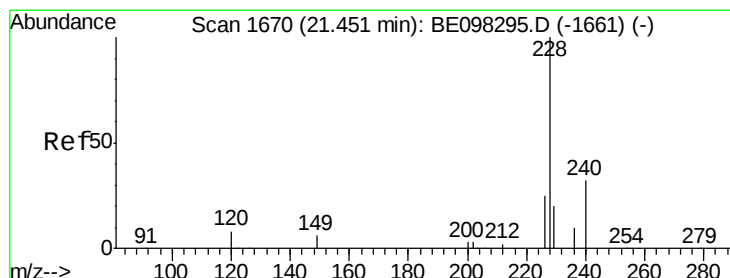
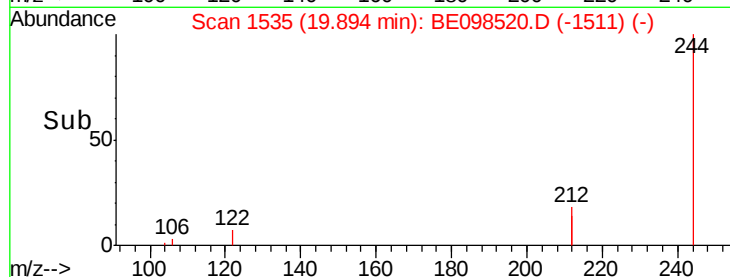
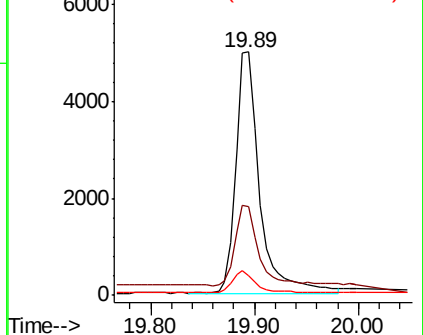
122 7.9 8.3 12.5#



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: 0.371 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

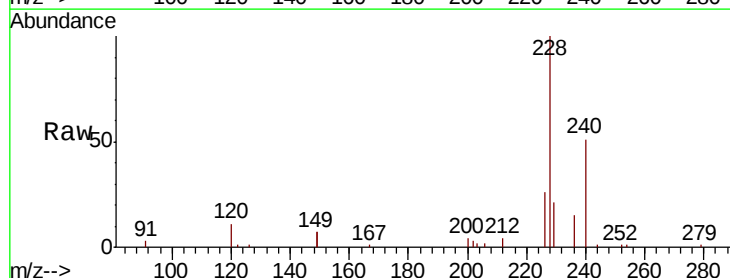
Tgt Ion:228 Resp: 10132

Ion Ratio Lower Upper

228 100

226 26.0 21.8 32.8

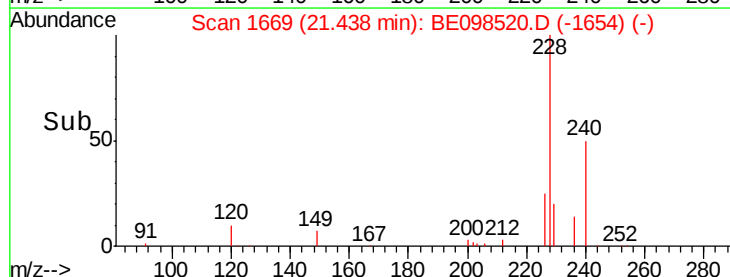
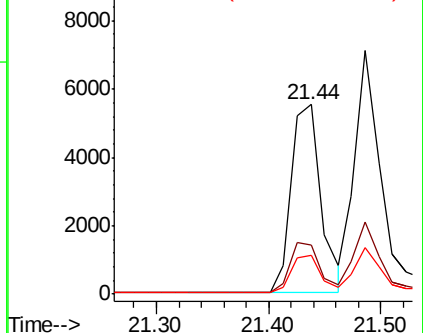
229 20.7 16.3 24.5



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: 0.380 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

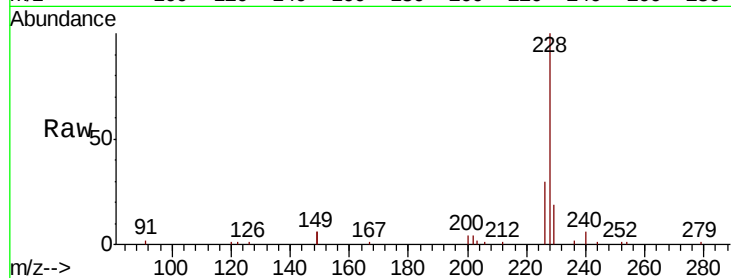
Tgt Ion:228 Resp: 10879

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.0

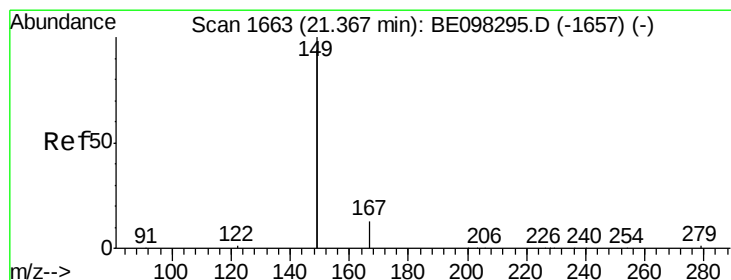
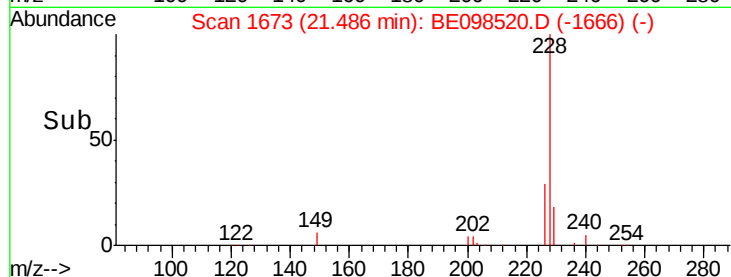
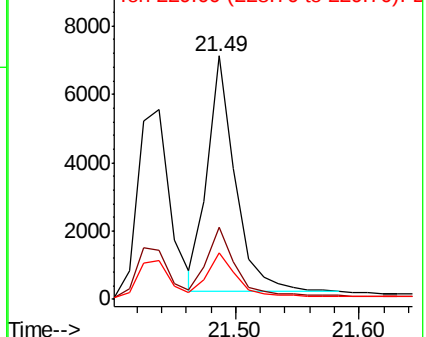
229 19.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.330 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

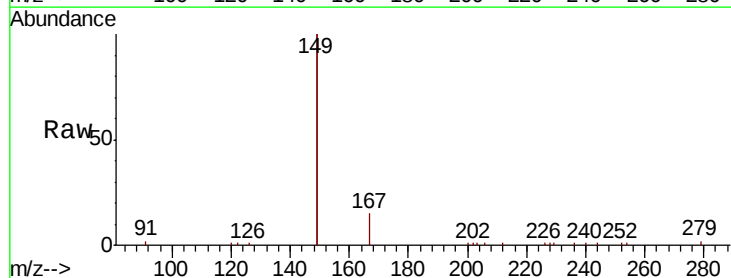
Tgt Ion:149 Resp: 18325

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

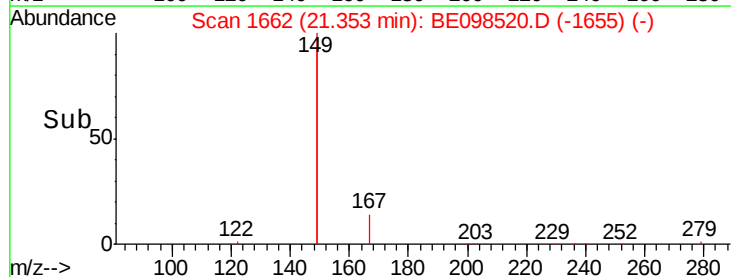
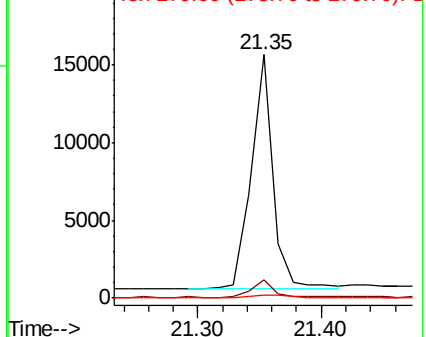
279 1.1 1.0 1.4



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: 0.285 ng

RT: 26.67 min Scan# 3015

Delta R.T. -0.02 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

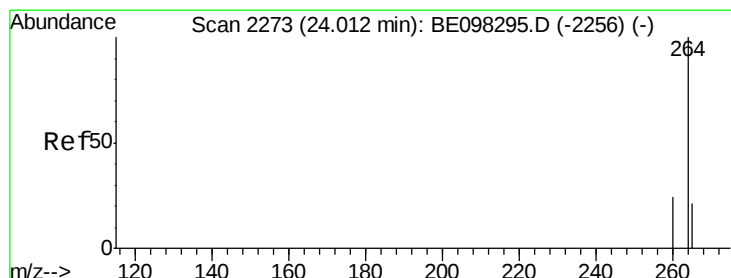
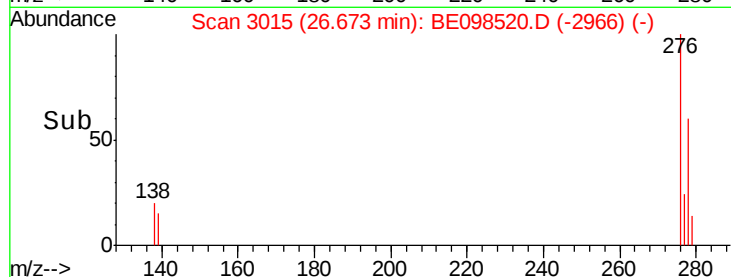
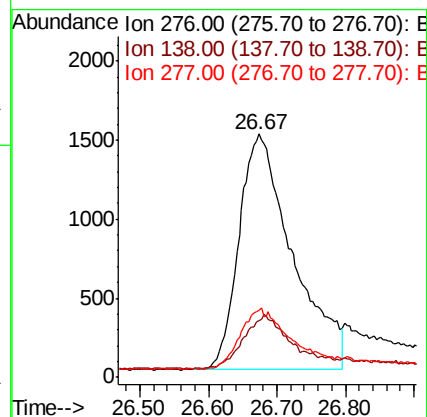
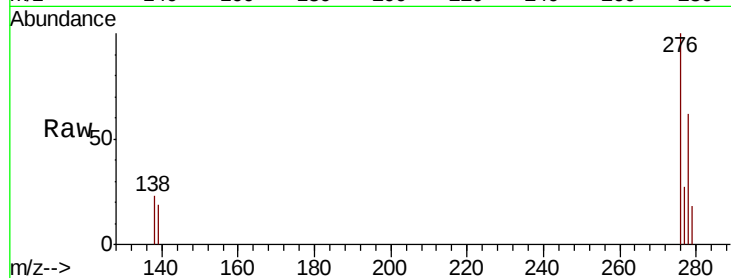
Tgt Ion:276 Resp: 8115

Ion Ratio Lower Upper

276 100

138 20.9 16.3 24.5

277 11.8 20.2 30.4#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.99 min Scan# 2266

Delta R.T. -0.03 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

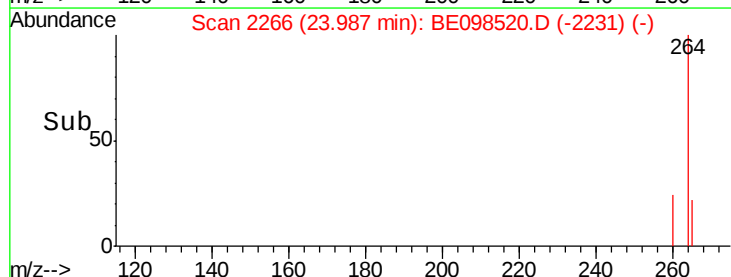
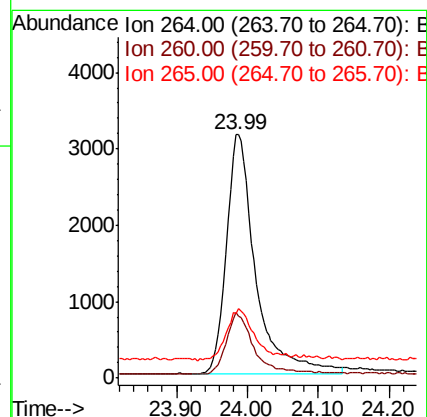
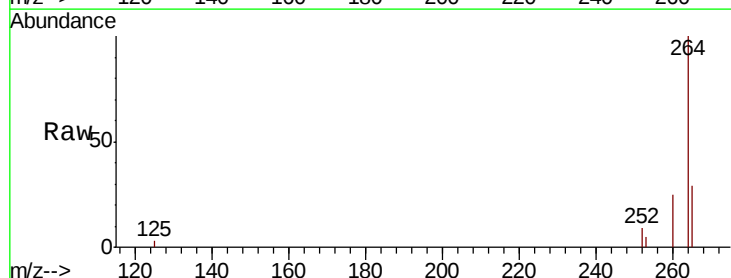
Tgt Ion:264 Resp: 8979

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

265 28.8 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 0.389 ng

RT: 23.21 min Scan# 2047

Delta R.T. -0.02 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

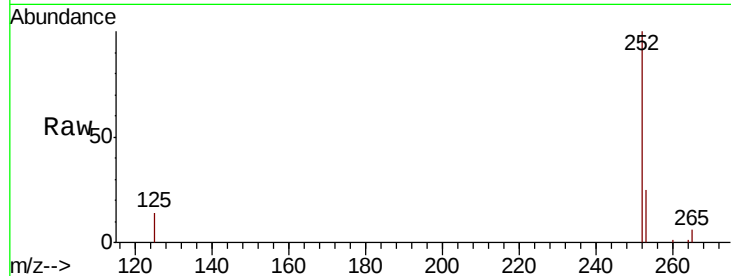
Tgt Ion:252 Resp: 9559

Ion Ratio Lower Upper

252 100

253 25.0 20.0 30.0

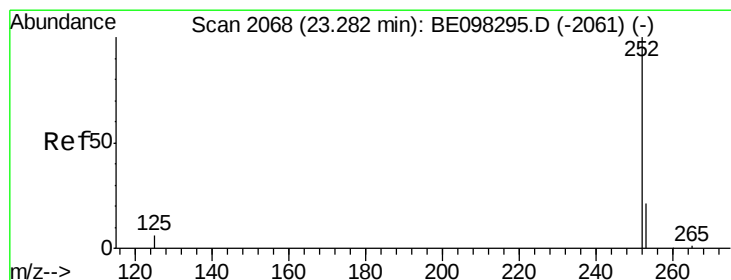
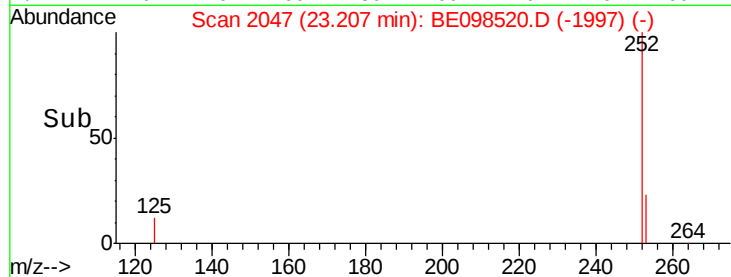
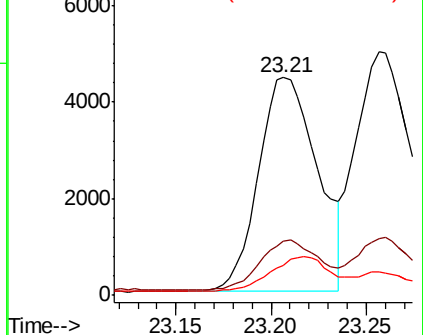
125 13.9 9.6 14.4



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: 0.416 ng

RT: 23.26 min Scan# 2061

Delta R.T. -0.03 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

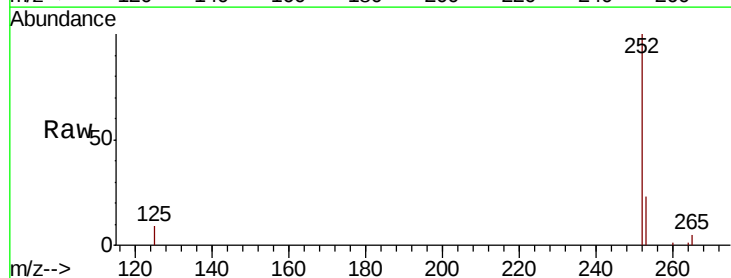
Tgt Ion:252 Resp: 11901

Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.6

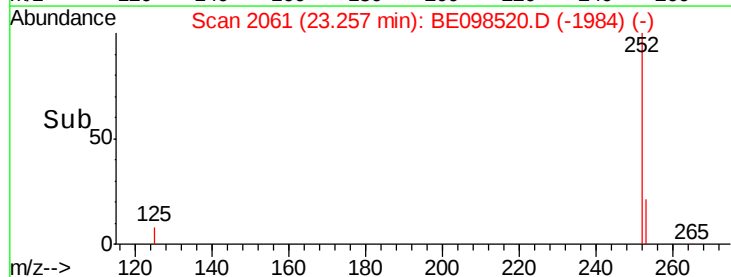
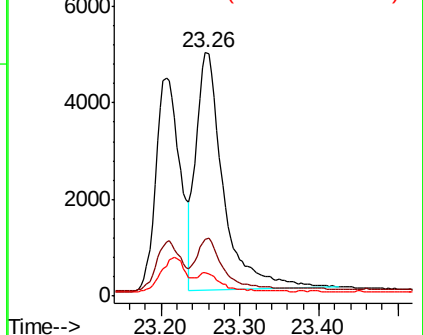
125 9.5 9.1 13.7



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: 0.391 ng

RT: 23.87 min Scan# 2234

Delta R.T. -0.03 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

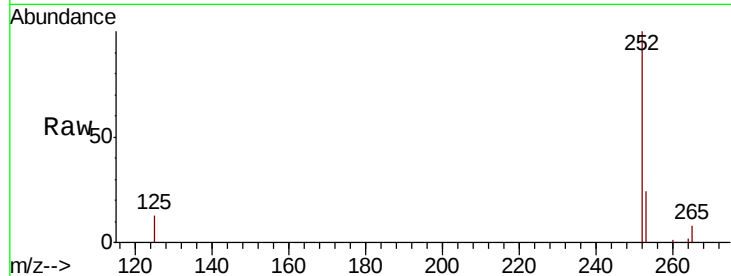
Tgt Ion:252 Resp: 9905

Ion Ratio Lower Upper

252 100

253 24.1 20.6 30.8

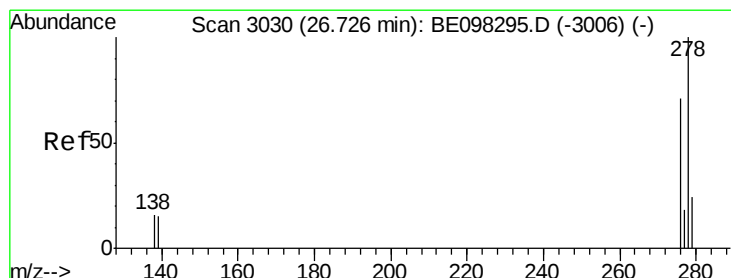
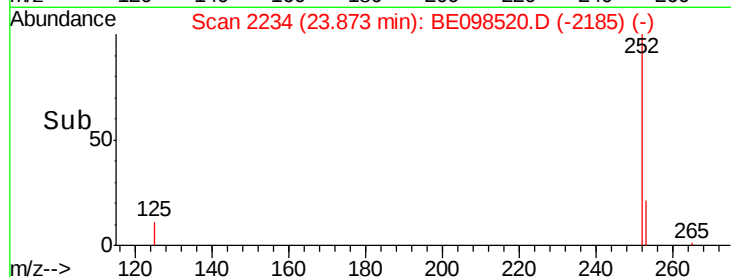
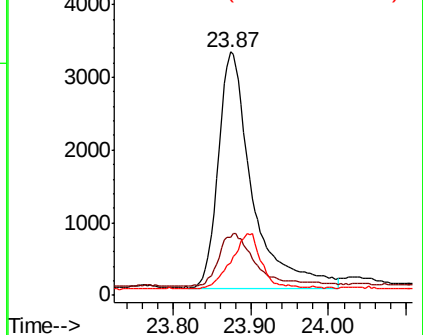
125 13.4 10.5 15.7



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: 0.310 ng

RT: 26.69 min Scan# 3020

Delta R.T. -0.03 min

Lab File: BE098520.D

Acq: 18 Dec 2018 19:39

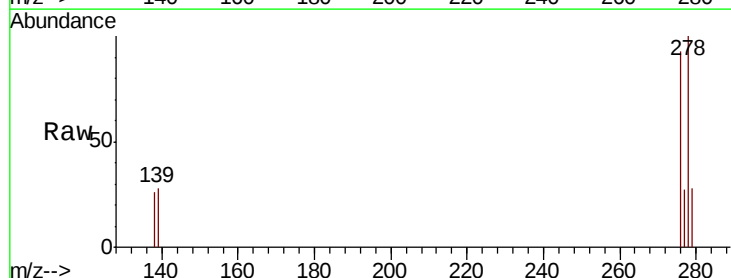
Tgt Ion:278 Resp: 7399

Ion Ratio Lower Upper

278 100

139 28.1 14.5 21.7#

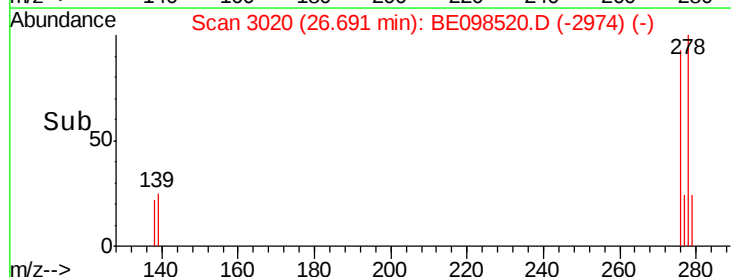
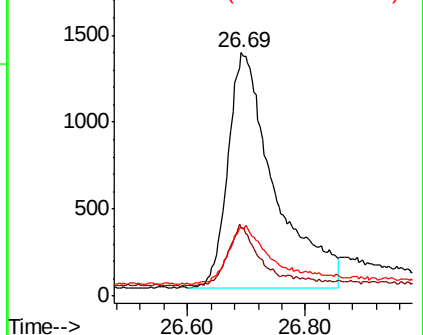
279 27.8 21.8 32.8



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: 0.283 ng

RT: 27.49 min Scan# 3245

Delta R.T. -0.03 min

Lab File: BE098520.D

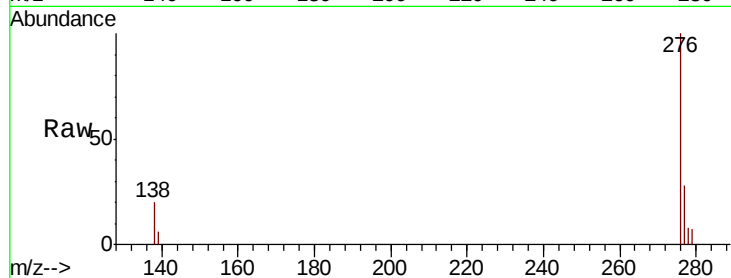
Acq: 18 Dec 2018 19:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



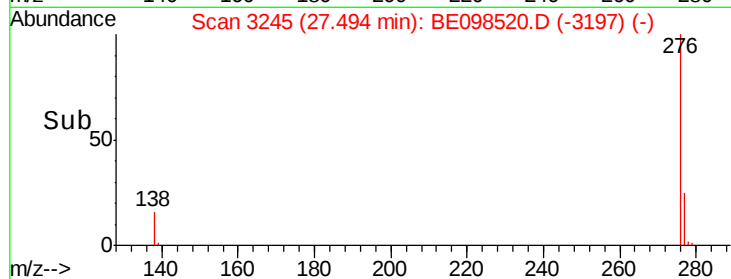
Tgt Ion: 276 Resp: 6803

Ion Ratio Lower Upper

276 100

277 27.6 20.8 31.2

138 20.1 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

