

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098381.D
 Acq On : 13 Dec 2018 3:25
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 13 04:00:27 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	1245	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	5457	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	3583	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	9594	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	11345	0.40	ng	0.00
34) Perylene-d12	24.00	264	10913	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1084	0.37	ng	0.01
5) Phenol-d6	7.05	99	1548	0.38	ng	0.00
8) Nitrobenzene-d5	9.03	82	1879	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3355	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	502	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5446	0.36	ng	0.00
25) Fluoranthene-d10	19.30	212	46979	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	8941	0.32	ng	0.00

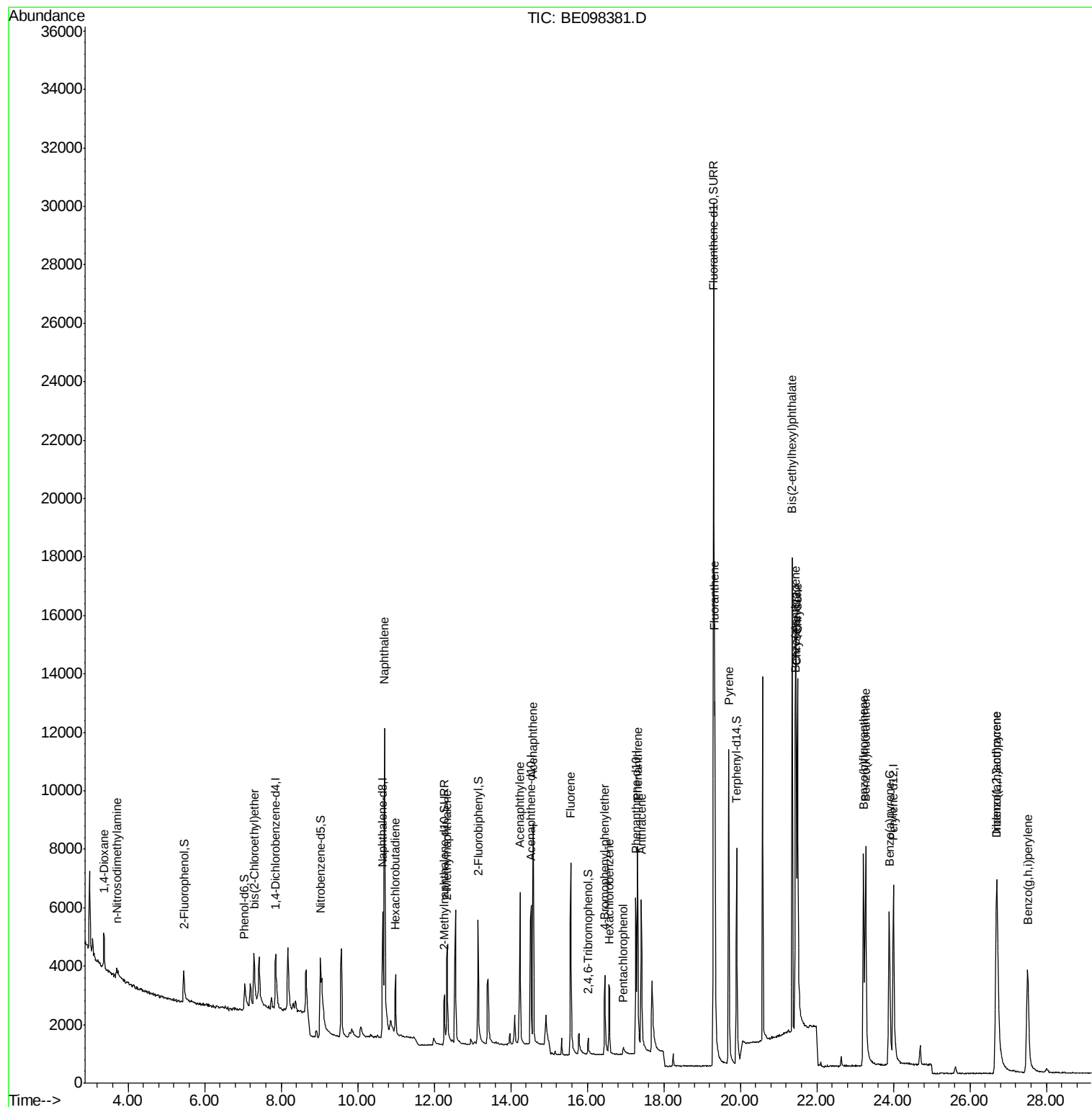
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	792	0.368	ng	97
3) n-Nitrosodimethylamine	3.71	42	480	0.248	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1290	0.329	ng	87
9) Naphthalene	10.71	128	21346	0.389	ng	99
10) Hexachlorobutadiene	10.99	225	1471	0.421	ng	96
12) 2-Methylnaphthalene	12.34	142	3289	0.369	ng	99
16) Acenaphthylene	14.24	152	6196	0.369	ng	99
17) Acenaphthene	14.59	154	3748	0.372	ng	98
18) Fluorene	15.57	166	4986	0.370	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	1813	0.351	ng	# 83
21) Hexachlorobenzene	16.58	284	2096	0.378	ng	95
22) Pentachlorophenol	16.94	266	256	0.300	ng	94
23) Phenanthrene	17.32	178	8652	0.371	ng	99
24) Anthracene	17.41	178	7062	0.340	ng	98
26) Fluoranthene	19.34	202	11973	0.388	ng	99
28) Pyrene	19.70	202	12052	0.339	ng	99
30) Benzo(a)anthracene	21.44	228	11605	0.359	ng	98
31) Chrysene	21.50	228	12739	0.376	ng	98
32) Bis(2-ethylhexyl)phthalate	21.35	149	21653	0.330	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.70	276	13146	0.390	ng	97
35) Benzo(b)fluoranthene	23.22	252	10845	0.363	ng	97
36) Benzo(k)fluoranthene	23.27	252	13435	0.386	ng	98
37) Benzo(a)pyrene	23.89	252	11283	0.366	ng	97
38) Dibenzo(a,h)anthracene	26.71	278	10680	0.368	ng	97
39) Benzo(g,h,i)perylene	27.51	276	10988	0.376	ng	99

(#) = 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: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

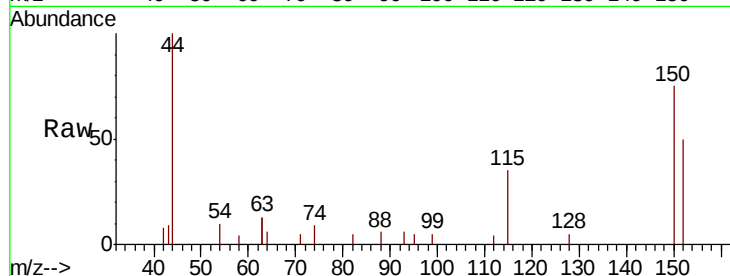
Tgt Ion: 152 Resp: 1245

Ion Ratio Lower Upper

152 100

150 151.0 124.2 186.4

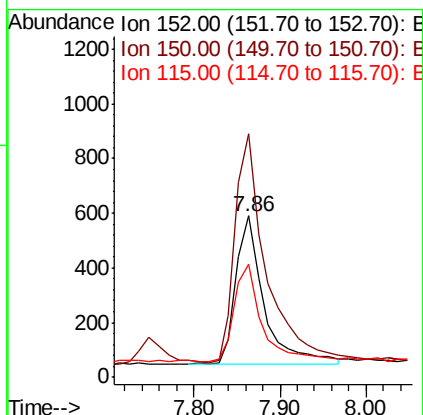
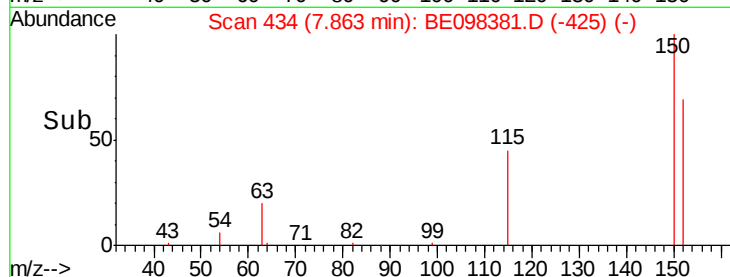
115 70.0 53.9 80.9



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: 0.368 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

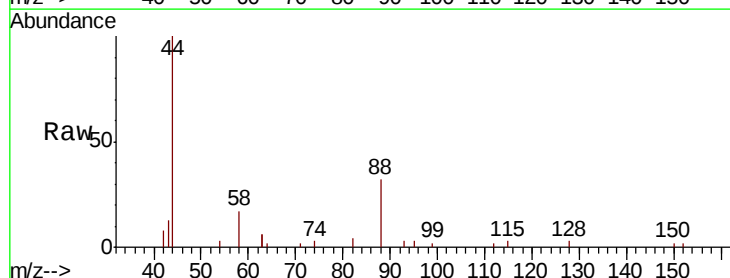
Tgt Ion: 88 Resp: 792

Ion Ratio Lower Upper

88 100

58 92.7 75.0 112.6

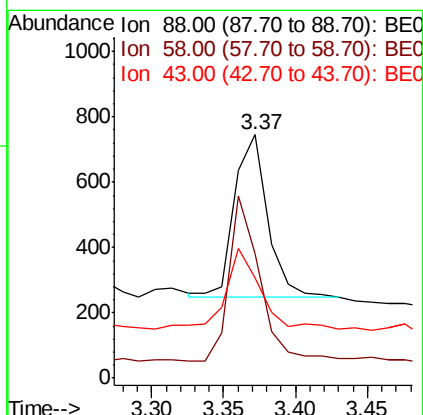
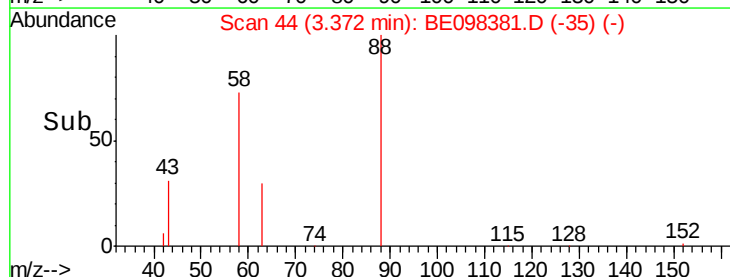
43 51.6 38.3 57.5



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



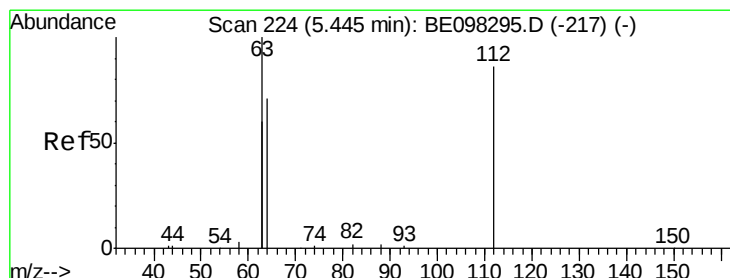
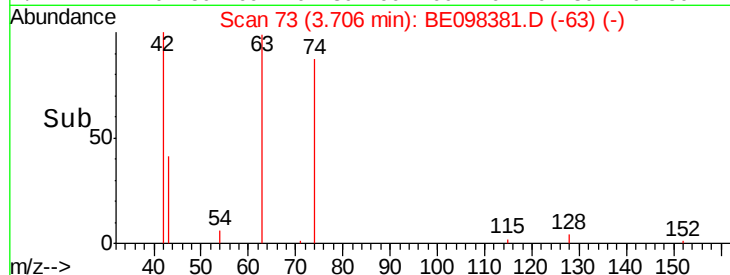
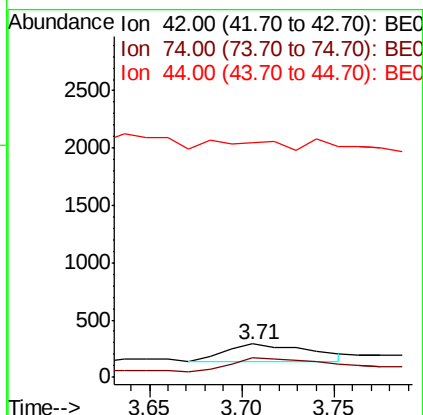
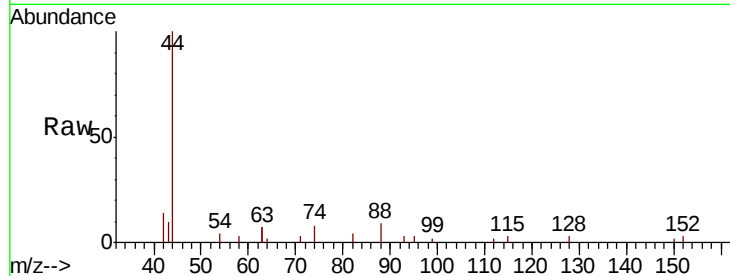


#3

n-Nitrosodimethylamine
 Concen: 0.248 ng
 RT: 3.71 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BE098381.D
 Acq: 13 Dec 2018 3:25

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

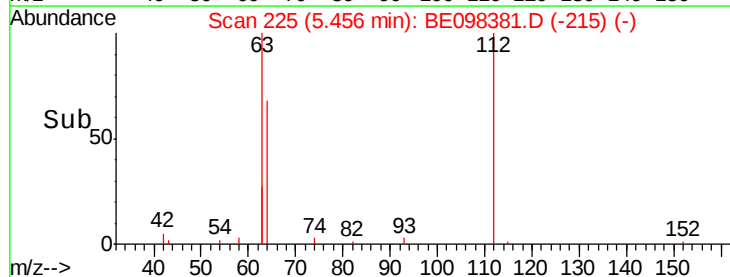
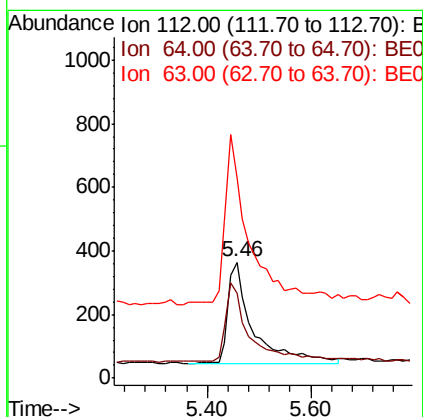
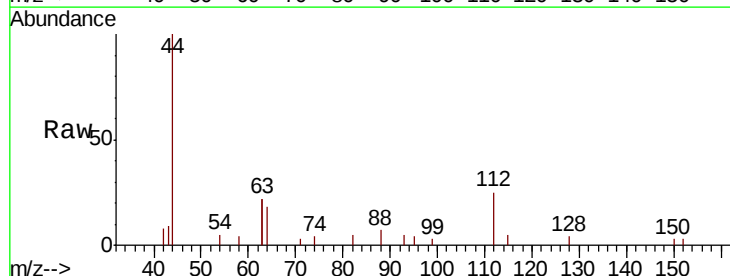
Tgt Ion: 42 Resp: 480
 Ion Ratio Lower Upper
 42 100
 74 74.4 0.0 0.0#
 44 0.0 0.0 0.0



#4

2-Fluorophenol
 Concen: 0.372 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098381.D
 Acq: 13 Dec 2018 3:25

Tgt Ion: 112 Resp: 1084
 Ion Ratio Lower Upper
 112 100
 64 72.0 59.8 89.8
 63 150.9 133.7 200.5





#5

Phenol-d6

Concen: 0.375 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

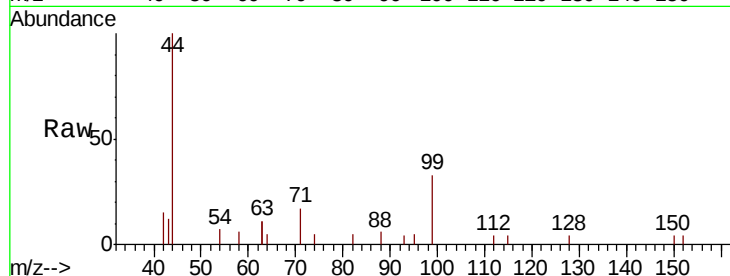
Tgt Ion: 99 Resp: 1548

Ion Ratio Lower Upper

99 100

42 24.7 26.3 39.5#

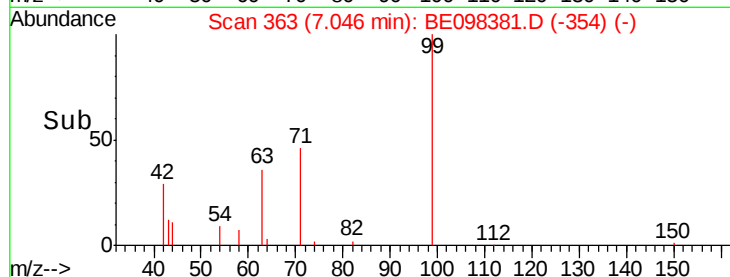
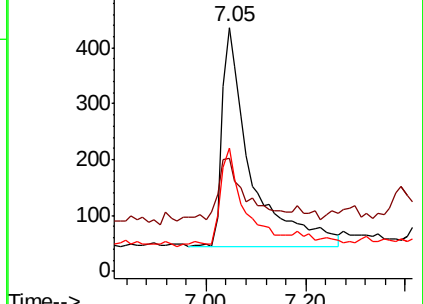
71 34.2 33.6 50.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.329 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

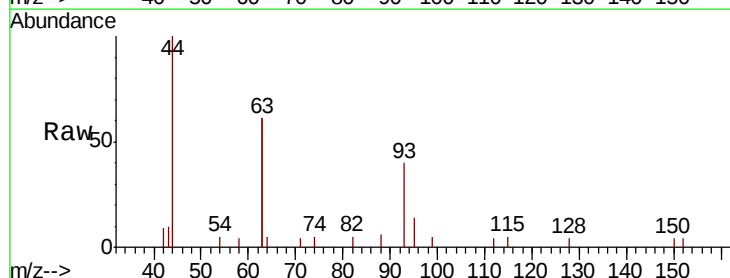
Tgt Ion: 93 Resp: 1290

Ion Ratio Lower Upper

93 100

63 300.1 264.4 396.6

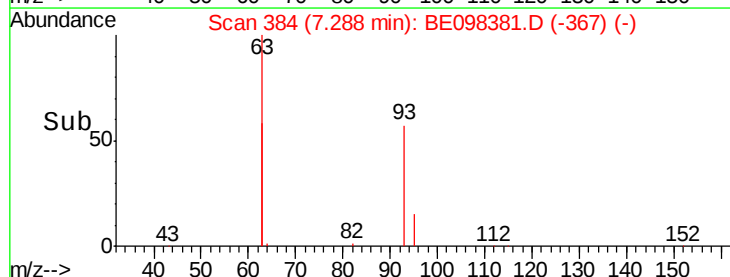
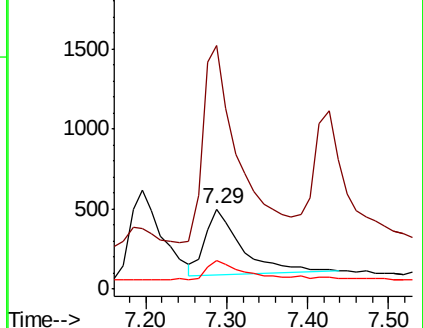
95 34.7 26.6 40.0



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: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 5457

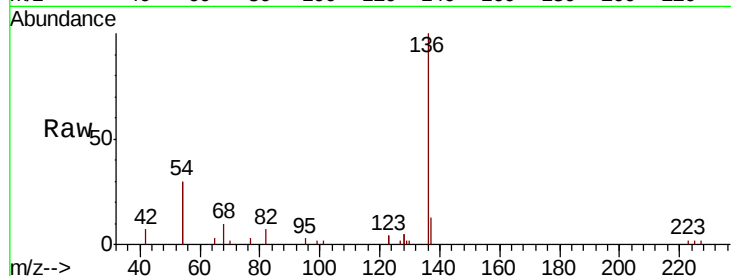
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 60.3 28.4 42.6#

68 9.6 5.4 8.0#

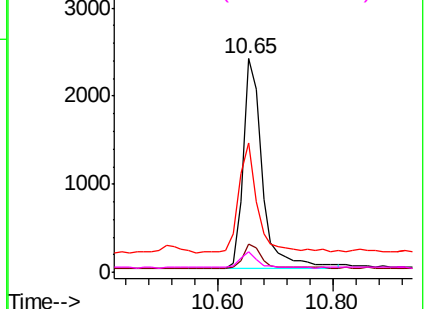
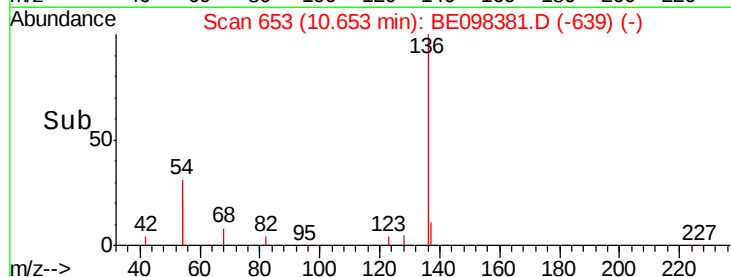


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

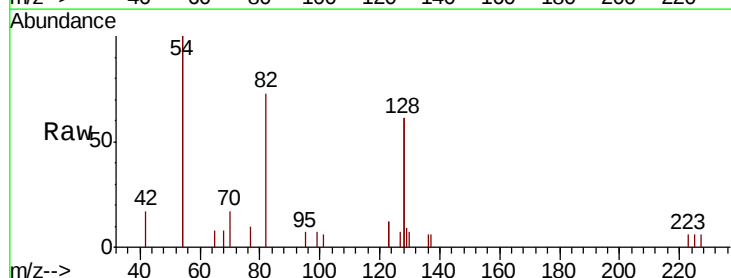
Tgt Ion: 82 Resp: 1879

Ion Ratio Lower Upper

82 100

128 169.3 102.4 153.6#

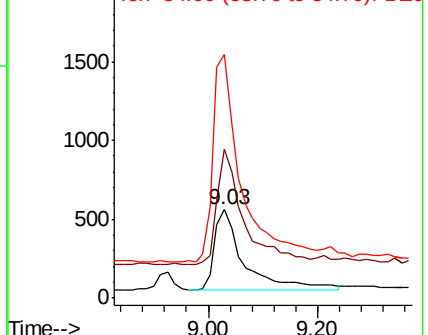
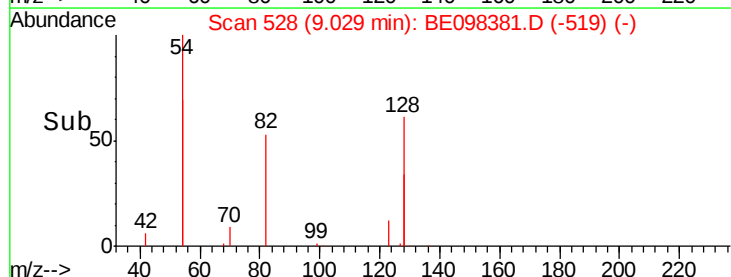
54 275.7 221.8 332.8

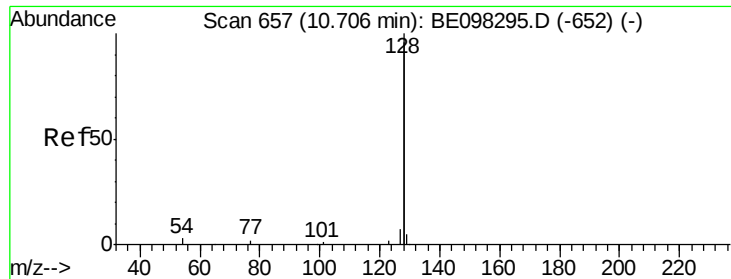


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.389 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

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ClientSampleId :

SSTDCCC0.4

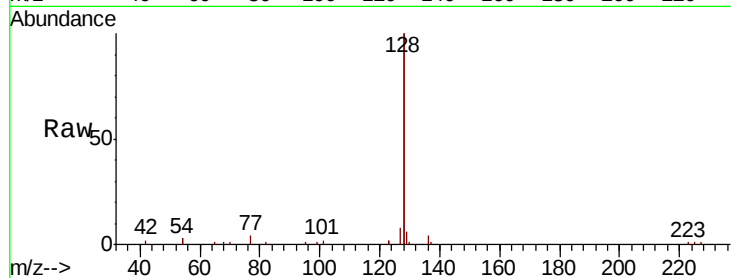
Tgt Ion:128 Resp: 21346

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

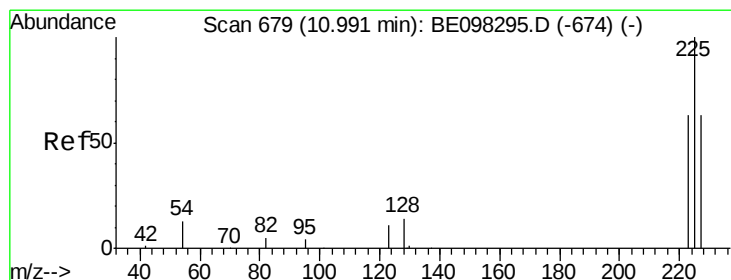
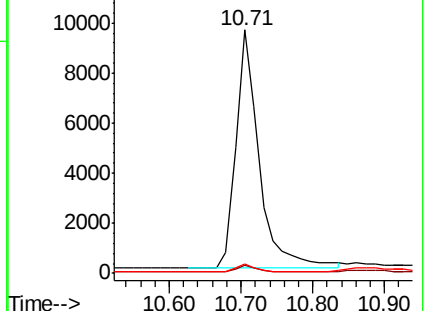
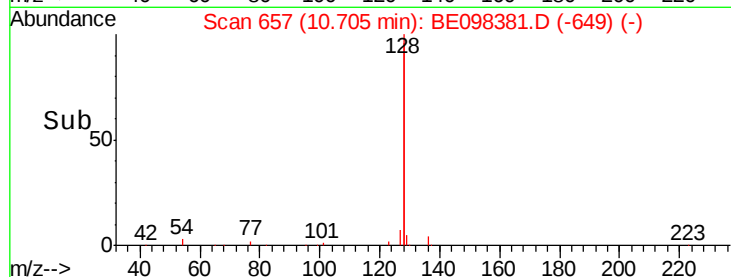
127 3.9 2.7 4.1



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: 0.421 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

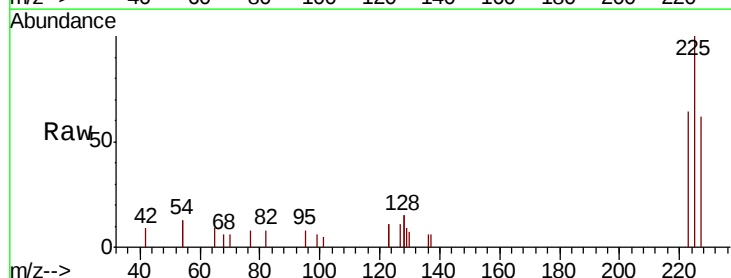
Tgt Ion:225 Resp: 1471

Ion Ratio Lower Upper

225 100

223 62.9 49.4 74.0

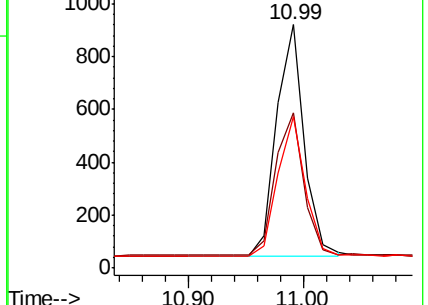
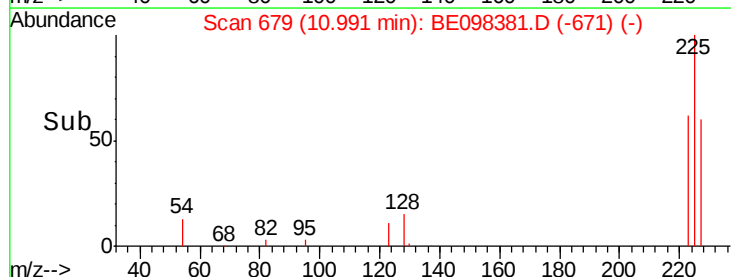
227 60.6 52.0 78.0



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: 0.378 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

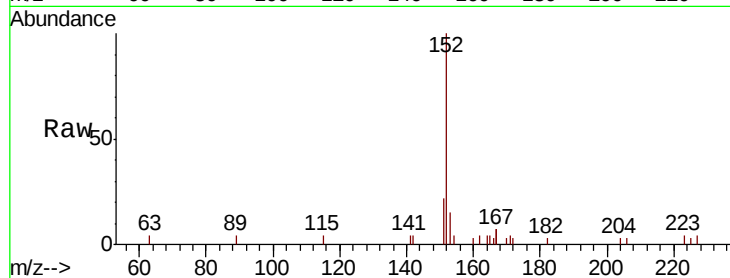
SSTDCCC0.4

Tgt Ion:152 Resp: 3355

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

1500

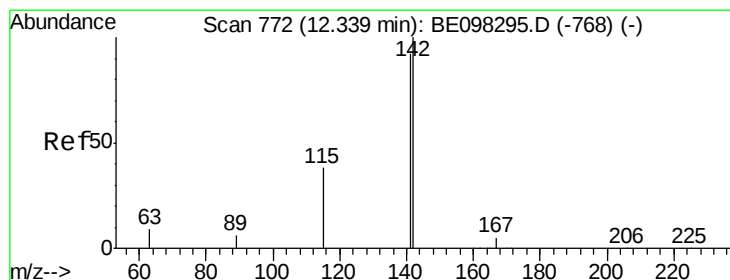
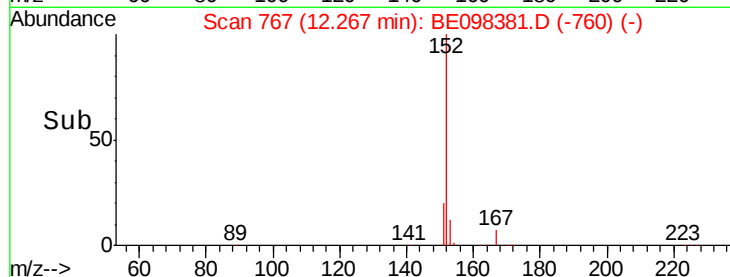
1000

500

0

Time-->

12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.369 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

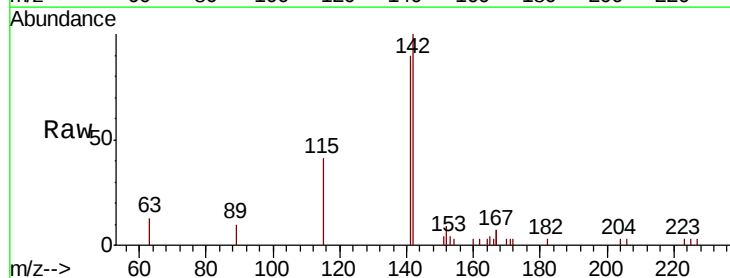
Tgt Ion:142 Resp: 3289

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6

115 40.7 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

12.34

1500

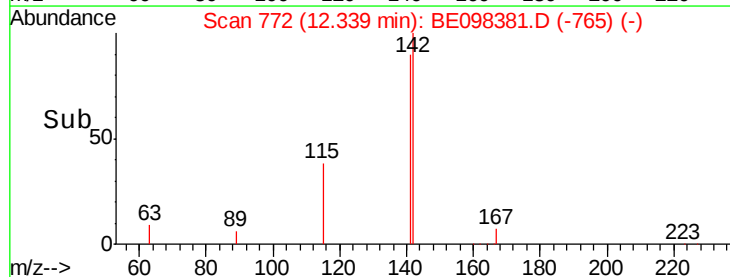
1000

500

0

Time-->

12.20 12.30 12.40

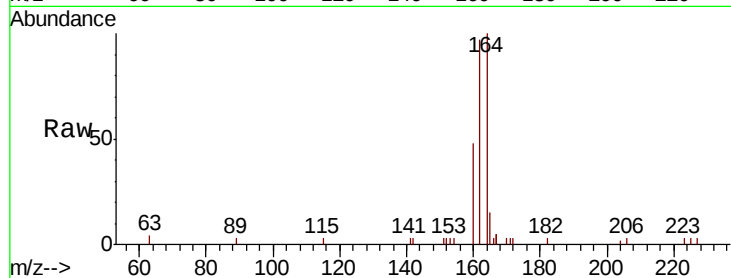




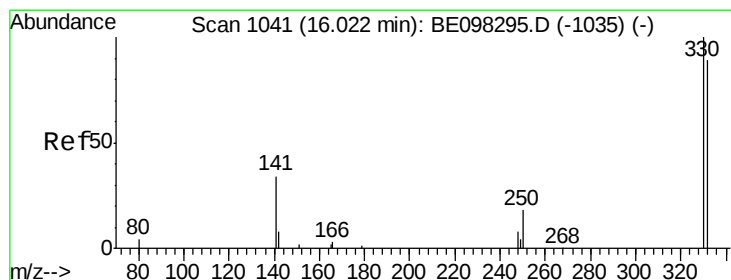
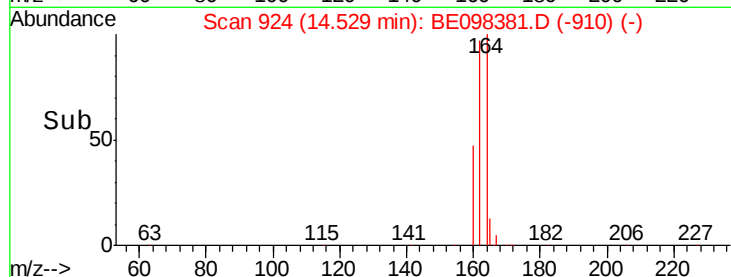
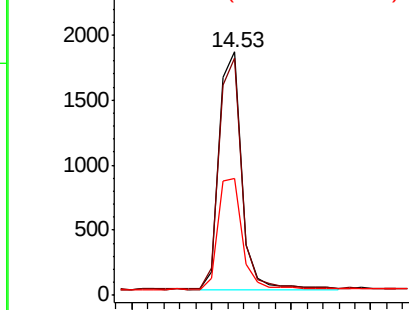
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098381.D
 Acq: 13 Dec 2018 3:25

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:164 Resp: 3583
 Ion Ratio Lower Upper
 164 100
 162 97.3 77.6 116.4
 160 48.1 36.0 54.0

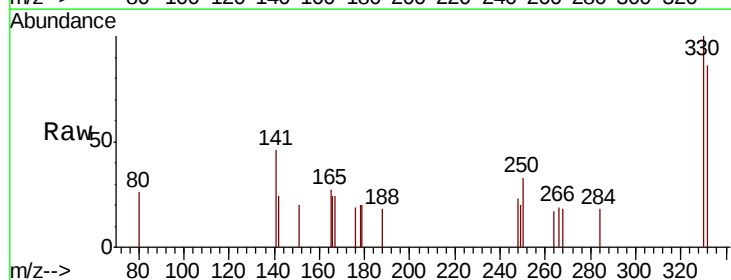


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

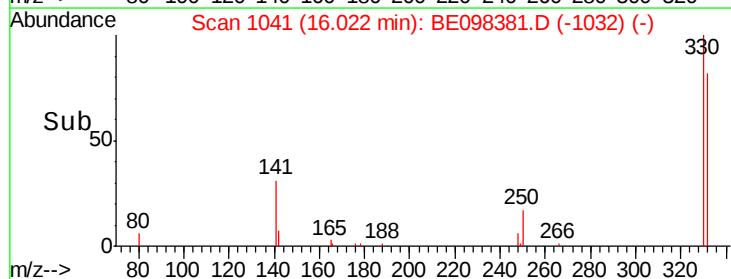
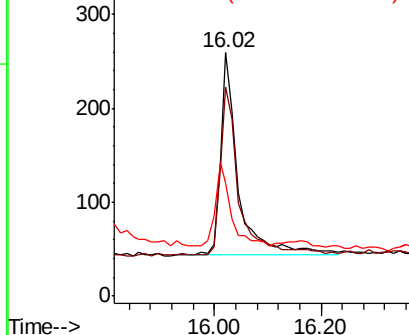


#14
 2,4,6-Tribromophenol
 Concen: 0.382 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BE098381.D
 Acq: 13 Dec 2018 3:25

Tgt Ion:330 Resp: 502
 Ion Ratio Lower Upper
 330 100
 332 86.9 76.2 114.4
 141 35.9 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

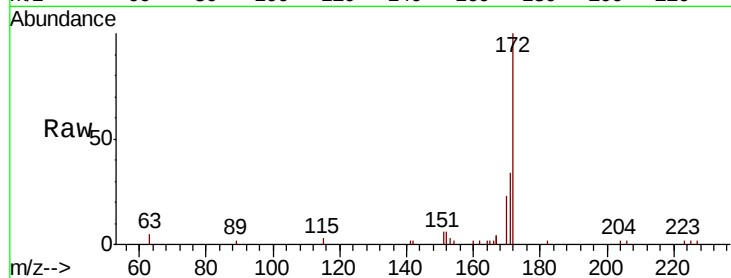




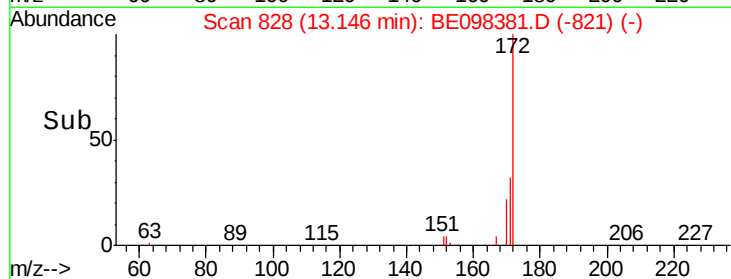
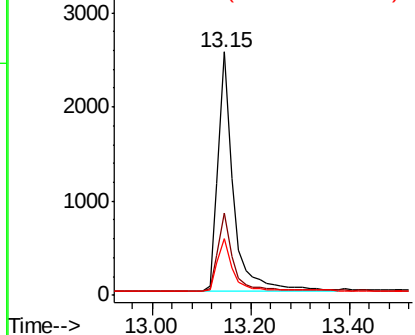
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098381.D
Acq: 13 Dec 2018 3:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5446
Ion Ratio Lower Upper
172 100
171 33.7 27.5 41.3
170 23.1 19.6 29.4

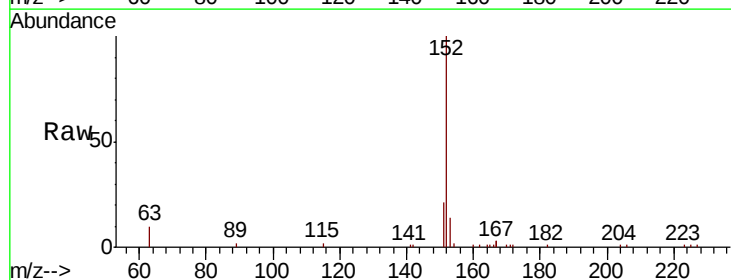


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

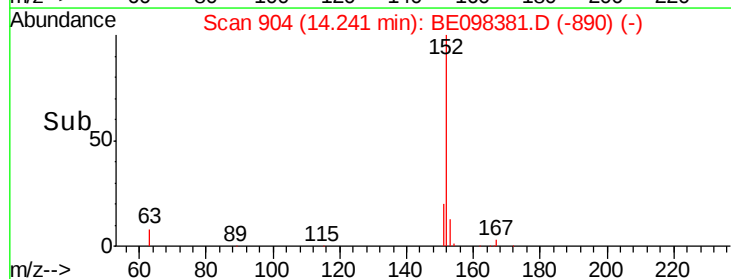
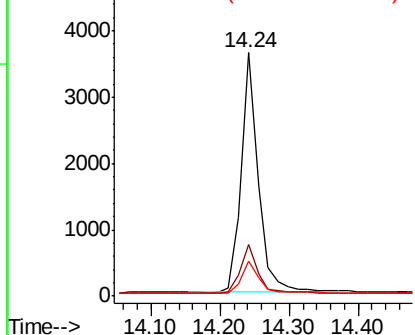


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098381.D
Acq: 13 Dec 2018 3:25

Tgt Ion:152 Resp: 6196
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

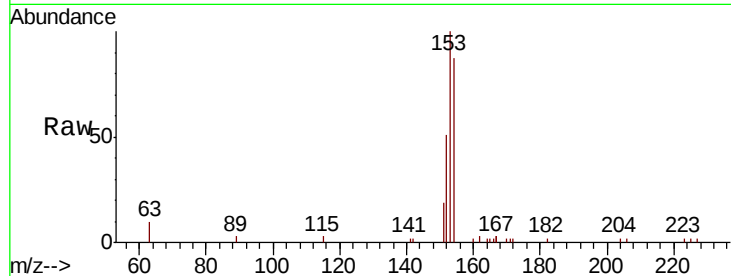




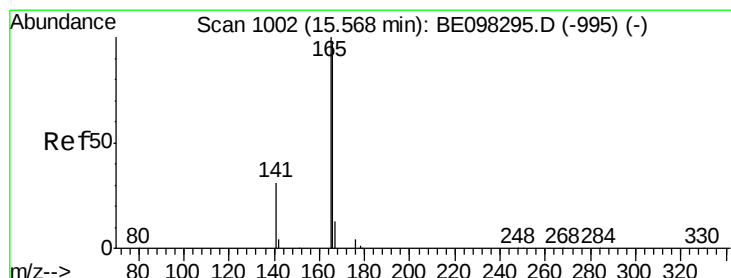
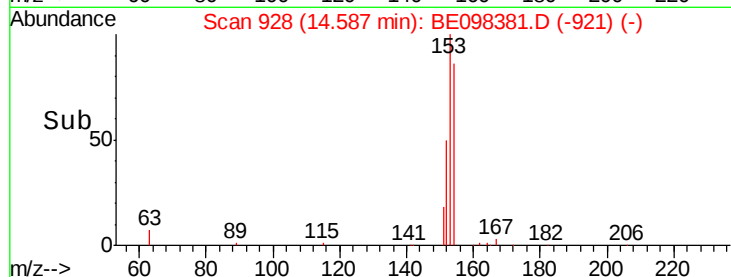
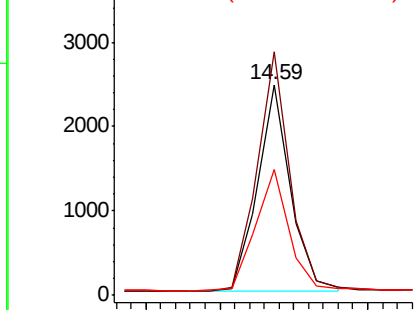
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098381.D
Acq: 13 Dec 2018 3:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3748
Ion Ratio Lower Upper
154 100
153 115.0 91.8 137.6
152 60.2 45.5 68.3

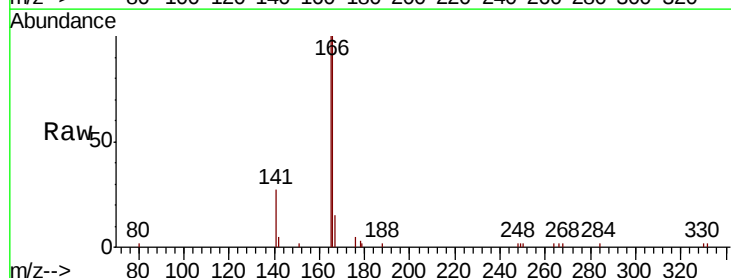


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

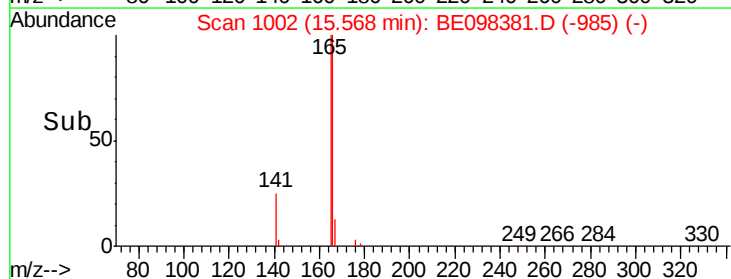
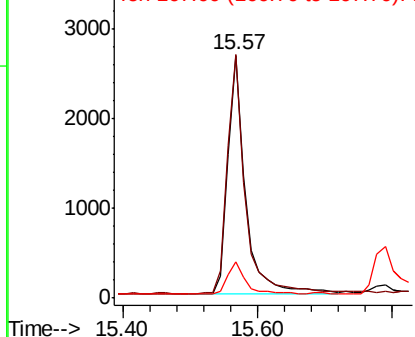


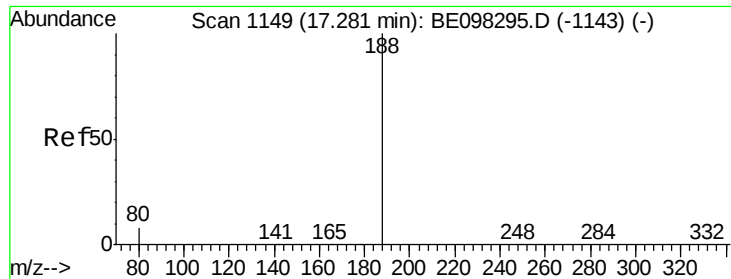
#18
Fluorene
Concen: 0.370 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098381.D
Acq: 13 Dec 2018 3:25

Tgt Ion:166 Resp: 4986
Ion Ratio Lower Upper
166 100
165 100.6 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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

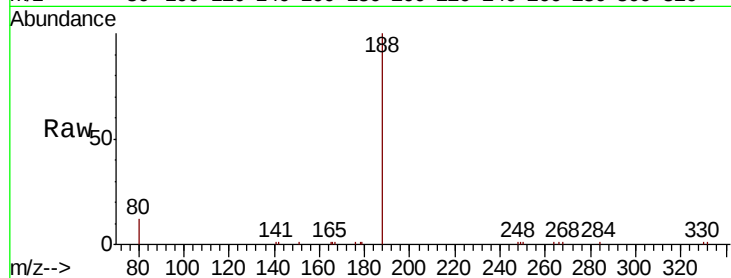
Tgt Ion:188 Resp: 9594

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

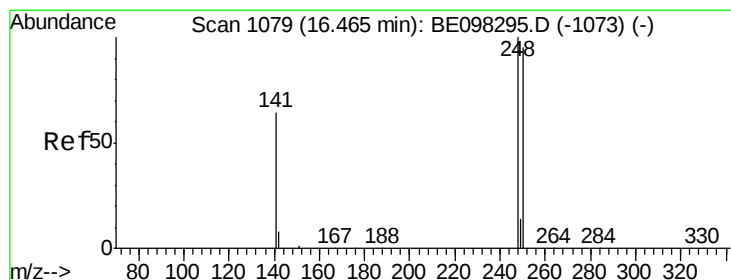
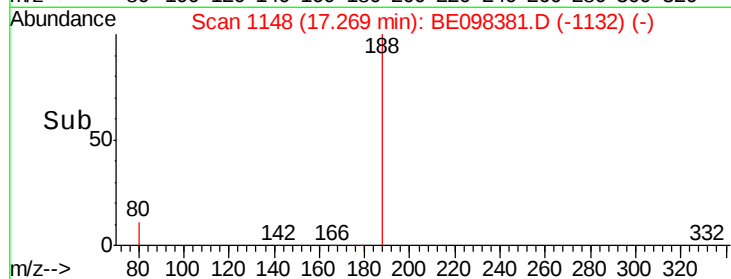
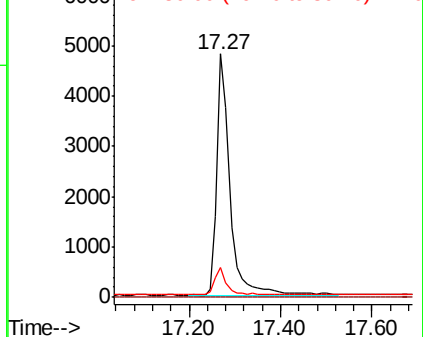
80 12.0 7.2 10.8#



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: 0.351 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

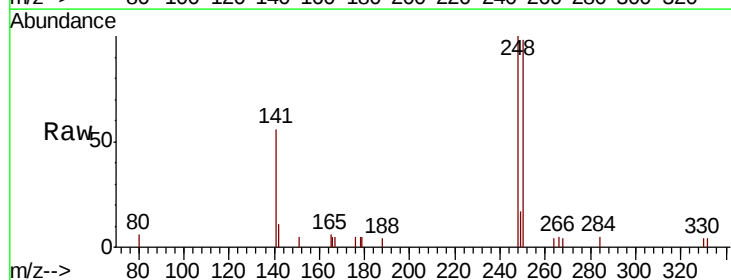
Tgt Ion:248 Resp: 1813

Ion Ratio Lower Upper

248 100

250 98.1 71.0 106.6

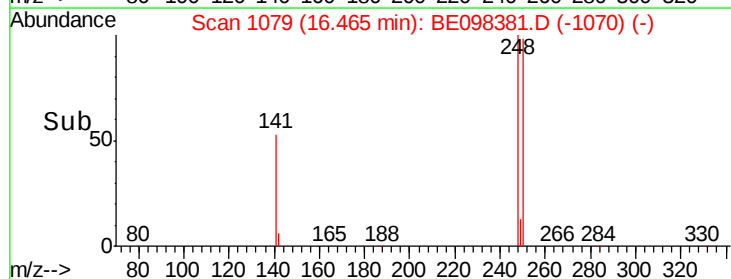
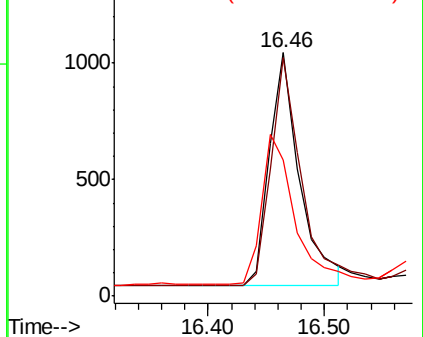
141 55.8 62.1 93.1#

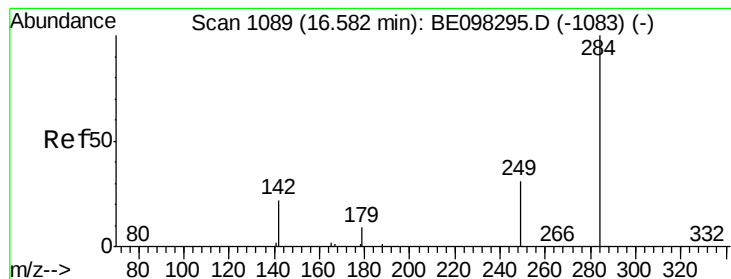


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.378 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

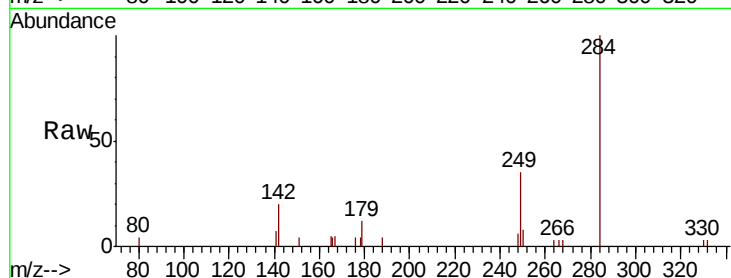
Tgt Ion:284 Resp: 2096

Ion Ratio Lower Upper

284 100

142 35.9 26.3 39.5

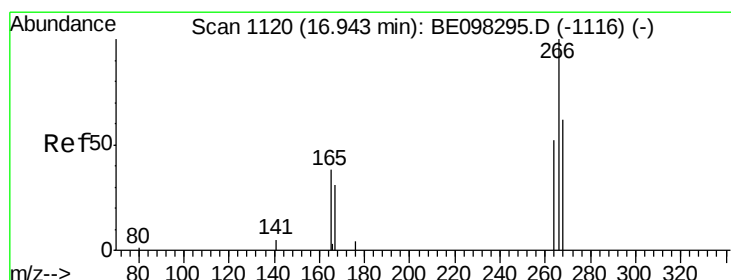
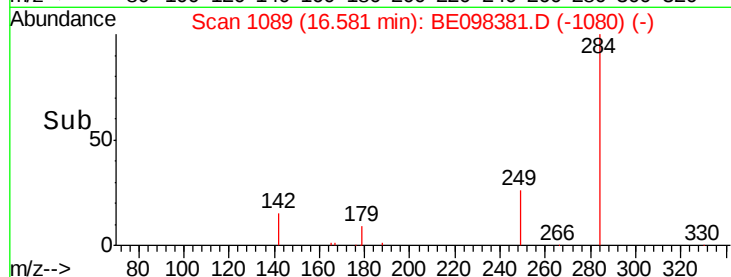
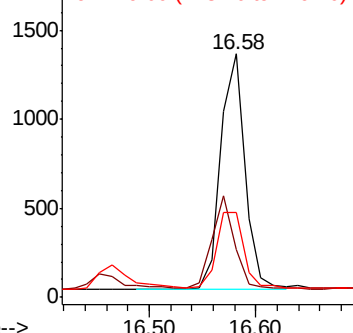
249 35.3 26.0 39.0



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: 0.300 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

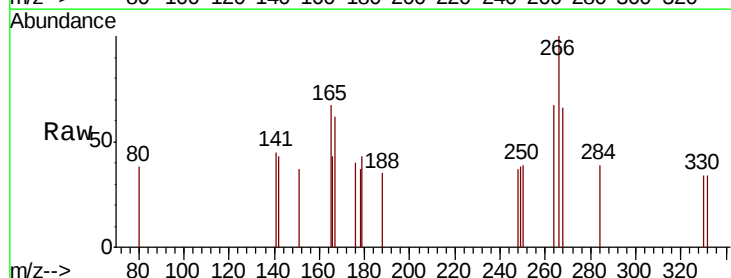
Tgt Ion:266 Resp: 256

Ion Ratio Lower Upper

266 100

264 67.4 59.0 88.4

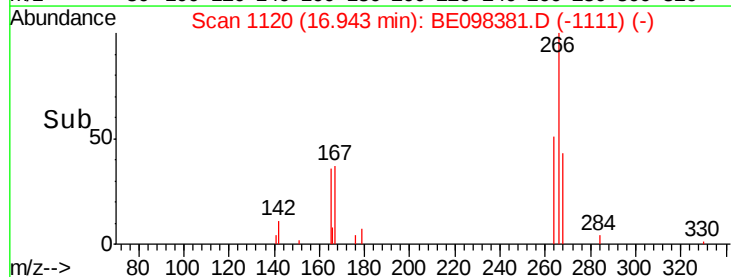
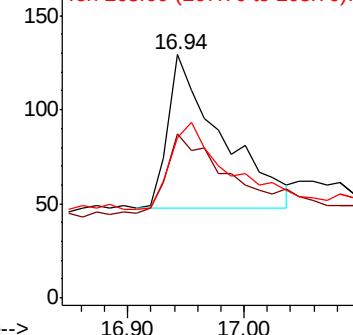
268 65.9 55.1 82.7



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: 0.371 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

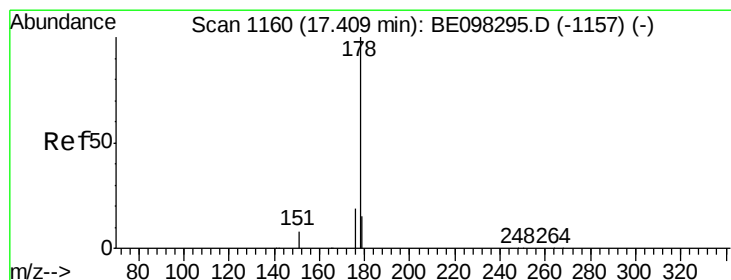
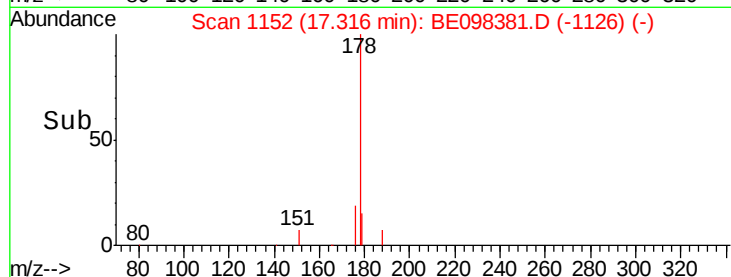
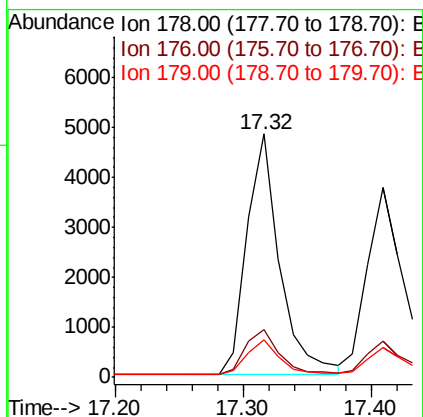
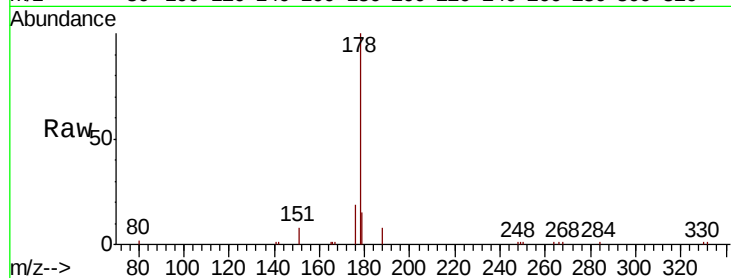
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	178	Resp:	8652
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	14.9	12.3	18.5



#24

Anthracene

Concen: 0.340 ng

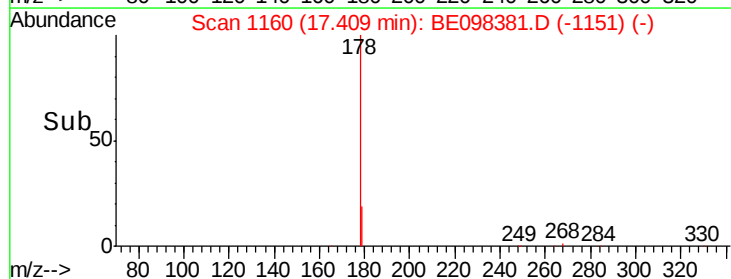
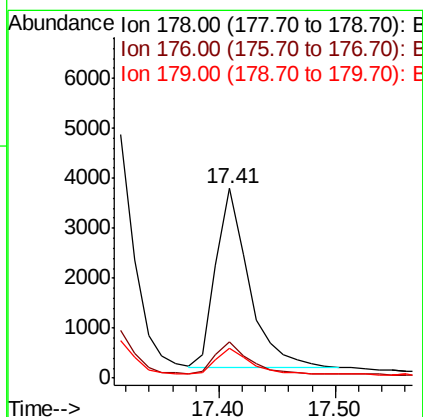
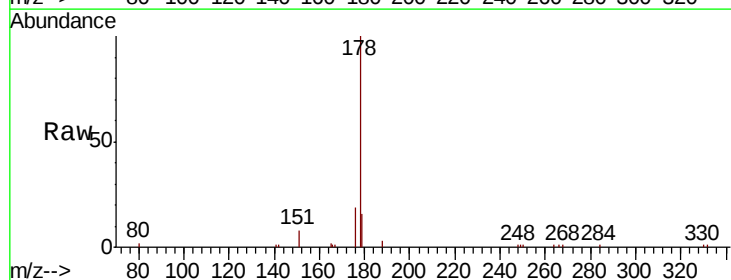
RT: 17.41 min Scan# 1160

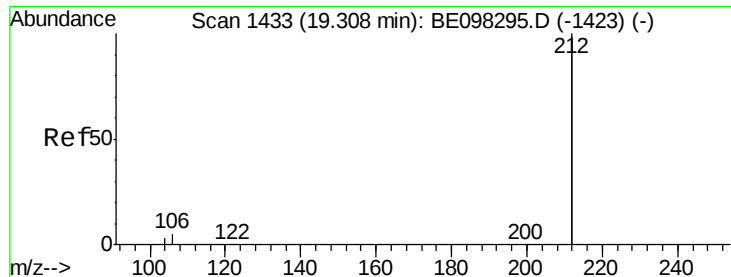
Delta R.T. -0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

Tgt Ion:	178	Resp:	7062
Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.0	22.4
179	14.9	12.3	18.5

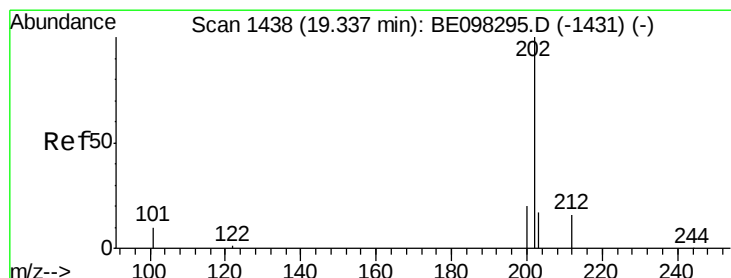
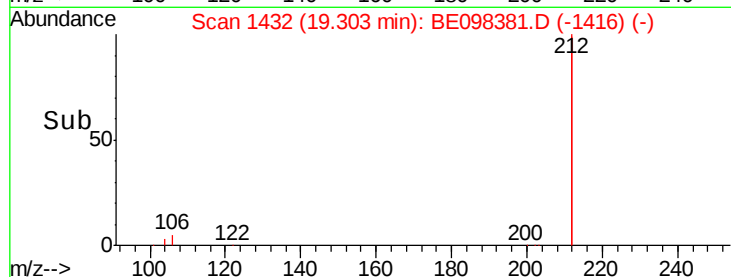
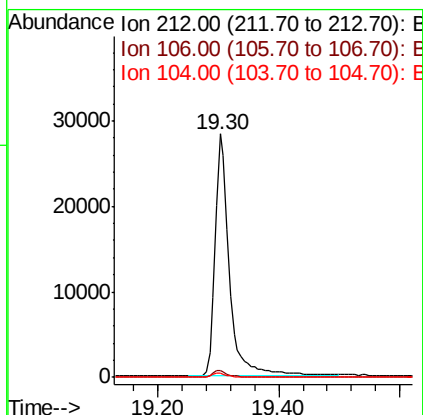
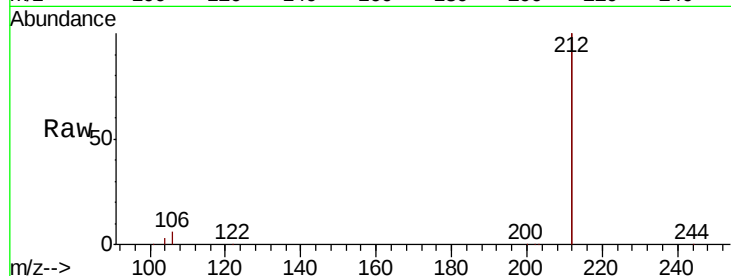




#25
 Fluoranthene-d10
 Concen: 0.382 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098381.D
 Acq: 13 Dec 2018 3:25

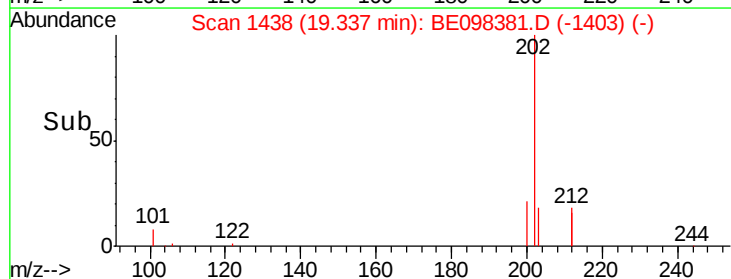
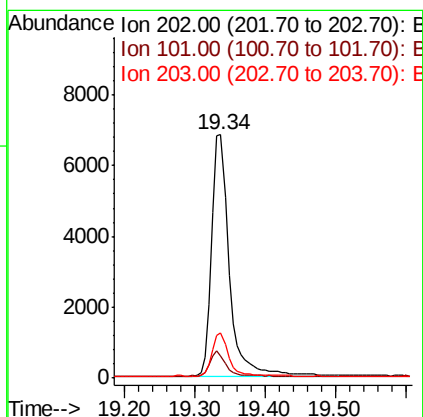
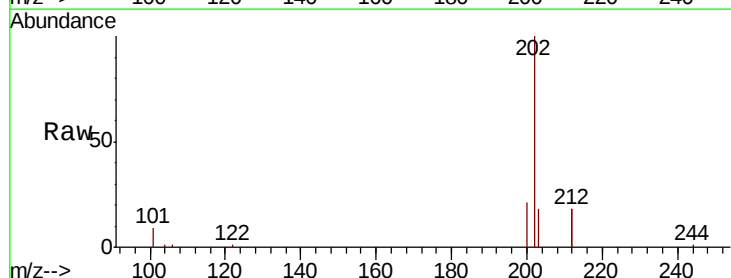
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 212 Resp: 46979
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.3 1.9



#26
 Fluoranthene
 Concen: 0.388 ng
 RT: 19.34 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BE098381.D
 Acq: 13 Dec 2018 3:25

Tgt Ion: 202 Resp: 11973
 Ion Ratio Lower Upper
 202 100
 101 9.6 8.0 12.0
 203 16.6 13.8 20.6

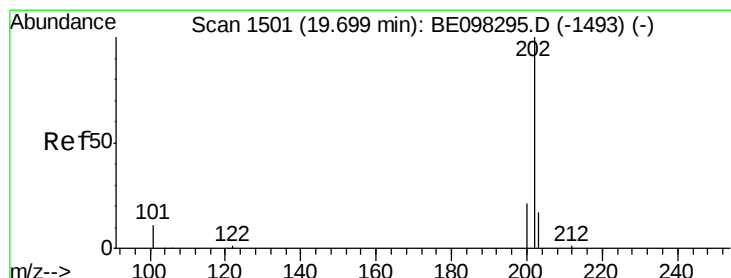
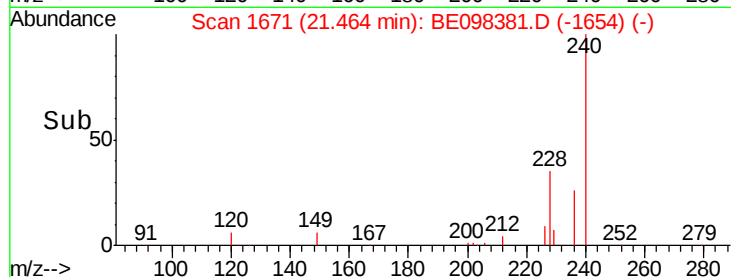
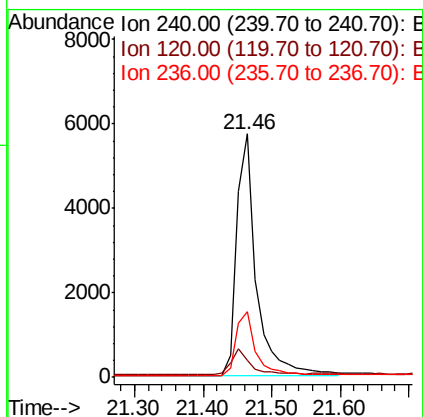
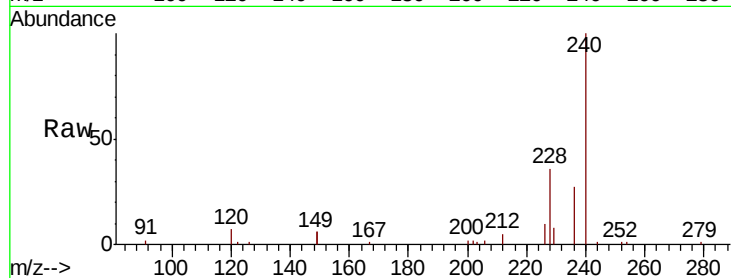




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098381.D
Acq: 13 Dec 2018 3:25

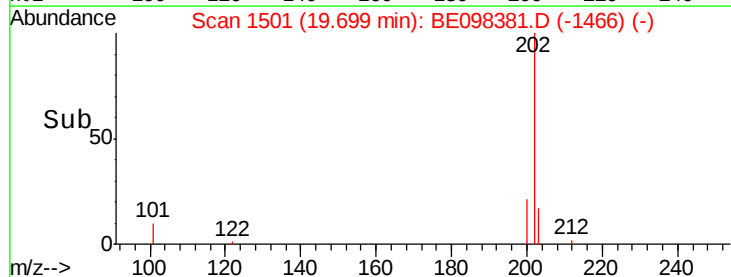
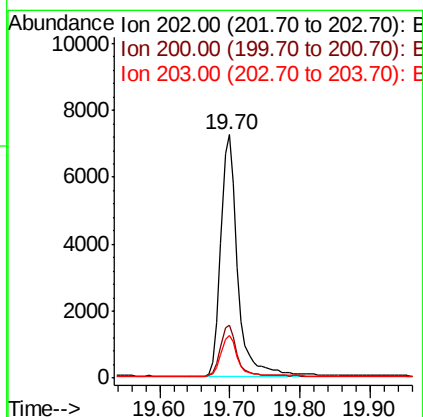
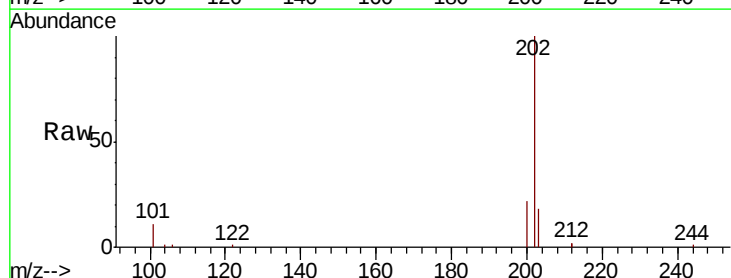
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

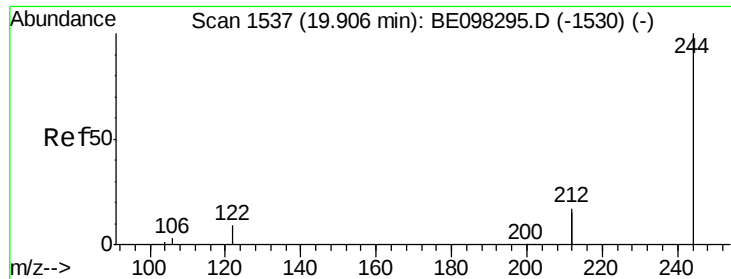
Tgt Ion: 240 Resp: 11345
Ion Ratio Lower Upper
240 100
120 6.8 9.5 14.3#
236 27.0 22.7 34.1



#28
Pyrene
Concen: 0.339 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE098381.D
Acq: 13 Dec 2018 3:25

Tgt Ion: 202 Resp: 12052
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 16.9 14.1 21.1





#29

Terphenyl-d14

Concen: 0.324 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

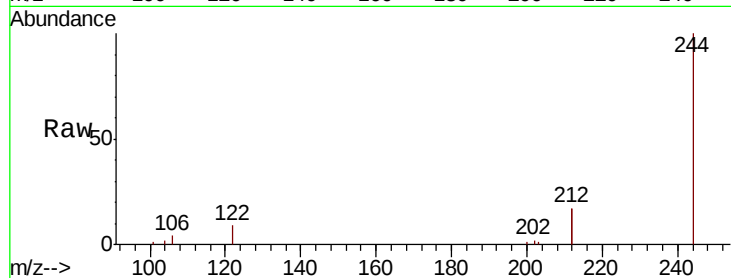
Tgt Ion:244 Resp: 8941

Ion Ratio Lower Upper

244 100

212 34.0 27.4 41.0

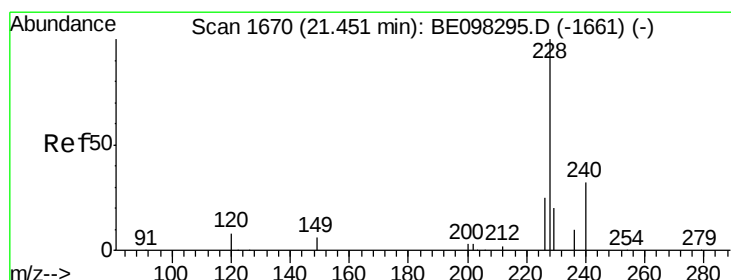
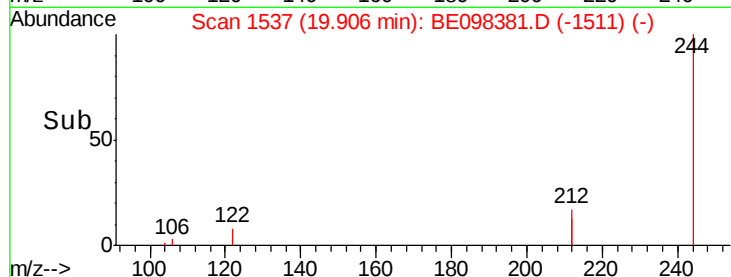
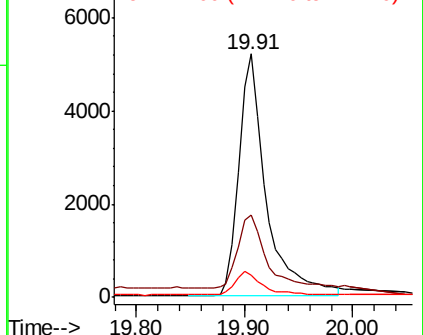
122 9.1 8.3 12.5



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: 0.359 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

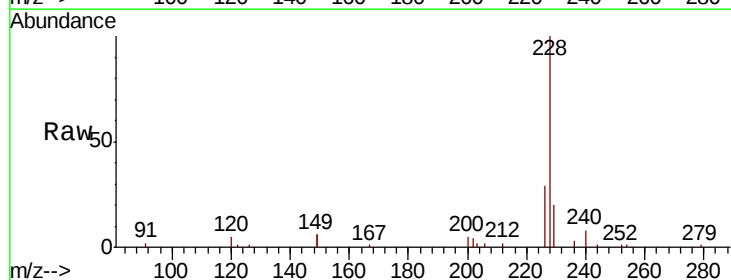
Tgt Ion:228 Resp: 11605

Ion Ratio Lower Upper

228 100

226 28.5 21.8 32.8

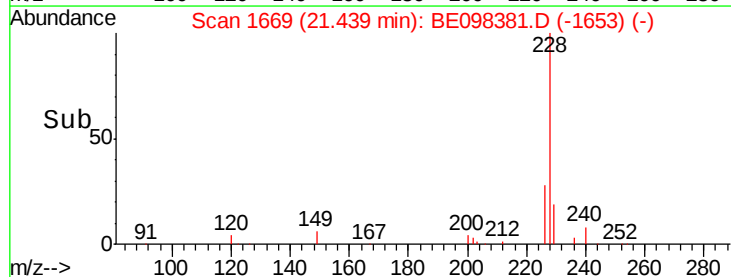
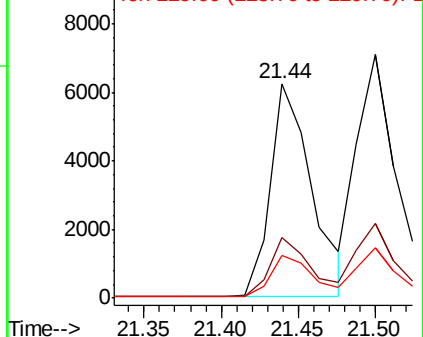
229 19.7 16.3 24.5



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: 0.376 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

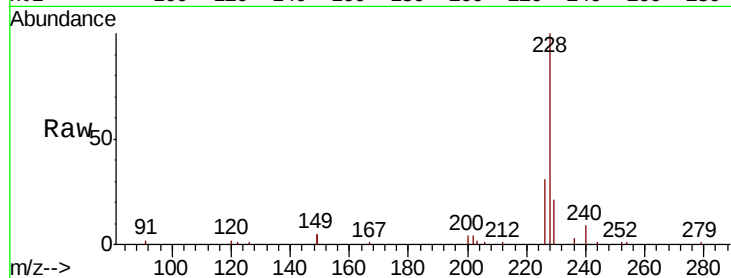
Tgt Ion:228 Resp: 12739

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

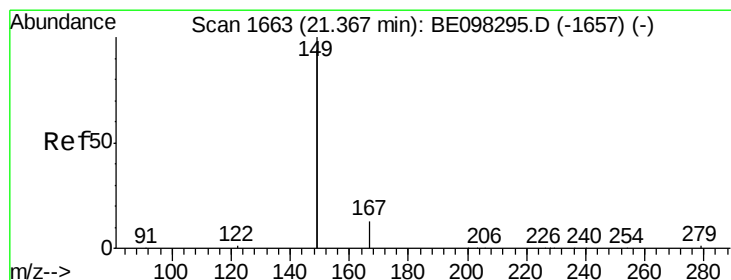
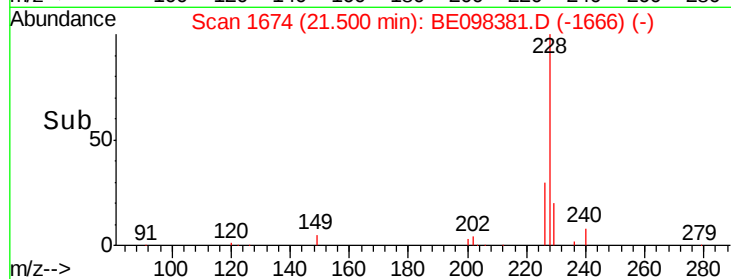
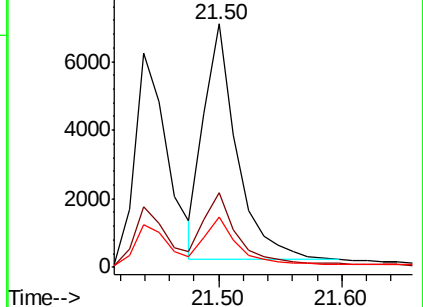
229 20.6 16.2 24.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.330 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

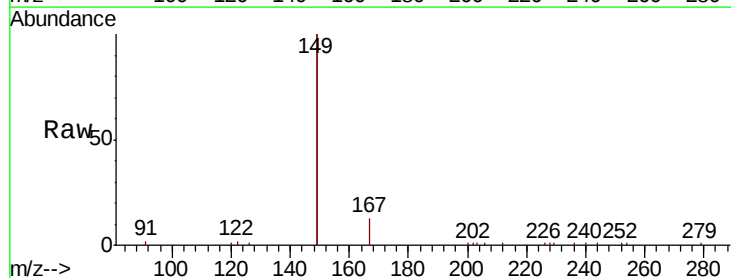
Tgt Ion:149 Resp: 21653

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

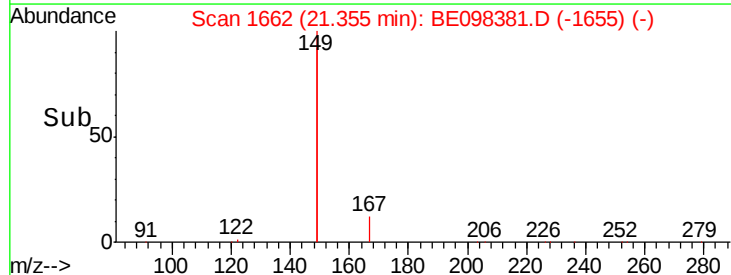
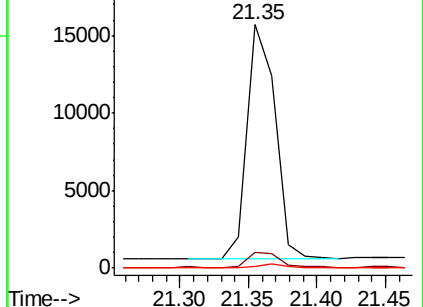
279 1.0 1.0 1.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.390 ng

RT: 26.70 min Scan# 3021

Delta R.T. -0.00 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

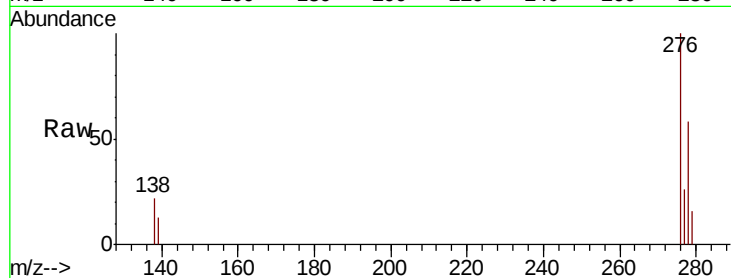
Tgt Ion:276 Resp: 13146

Ion Ratio Lower Upper

276 100

138 21.0 16.3 24.5

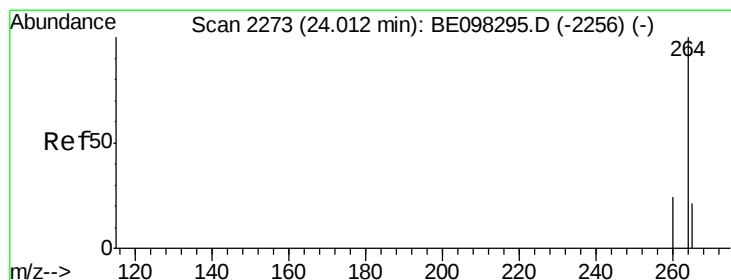
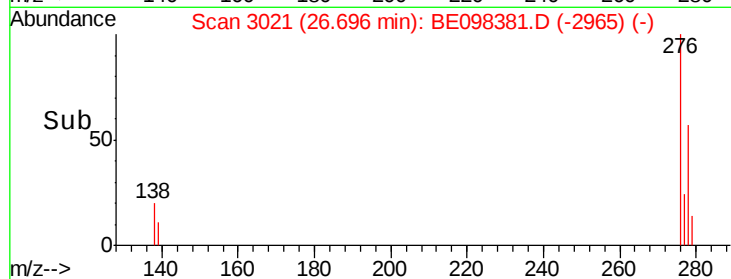
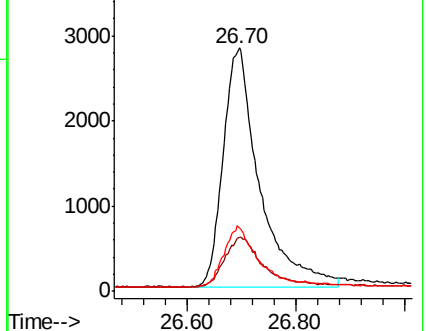
277 23.3 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

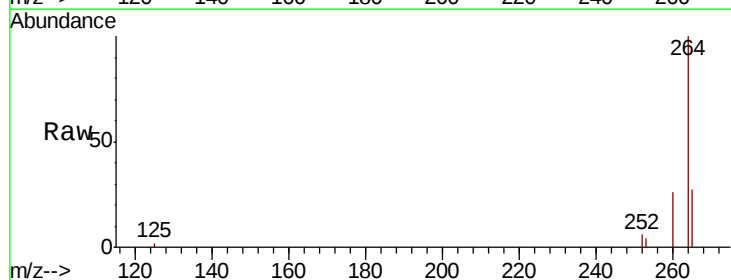
Tgt Ion:264 Resp: 10913

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

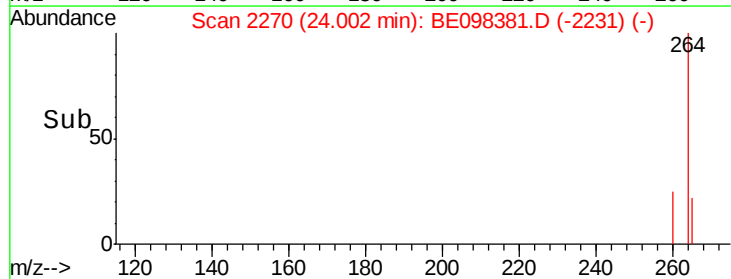
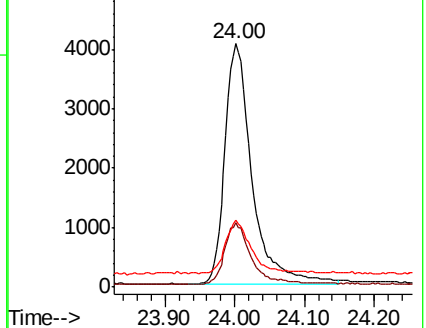
265 27.4 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.363 ng

RT: 23.22 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

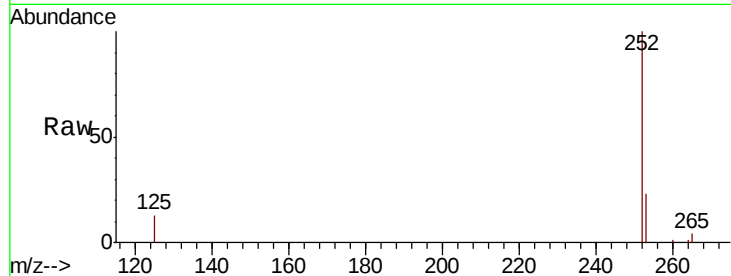
Tgt Ion:252 Resp: 10845

Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

125 13.1 9.6 14.4

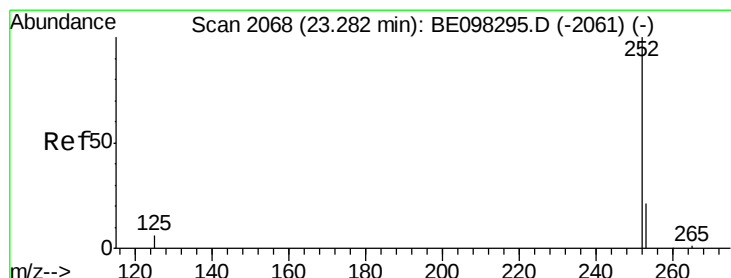
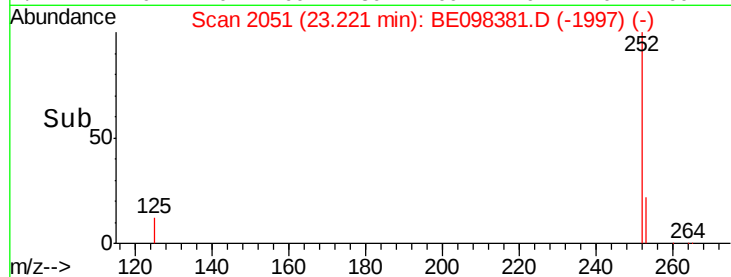
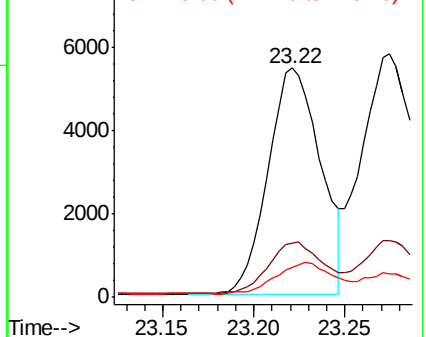


Abundance

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: BE098381.D

Acq: 13 Dec 2018 3:25

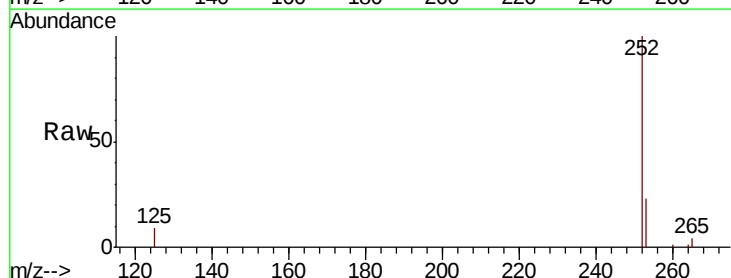
Tgt Ion:252 Resp: 13435

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.6

125 9.4 9.1 13.7

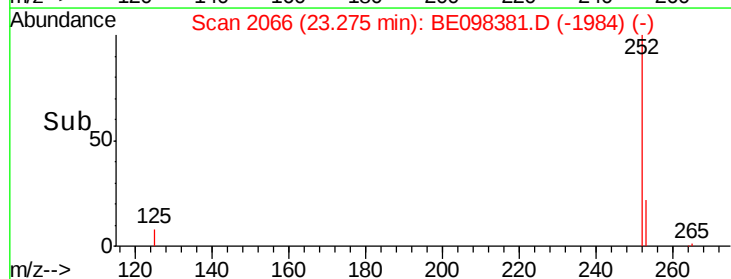
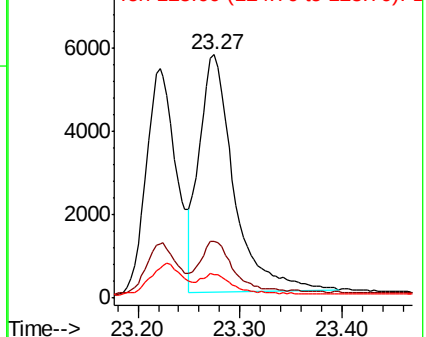


Abundance

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: 0.366 ng

RT: 23.89 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

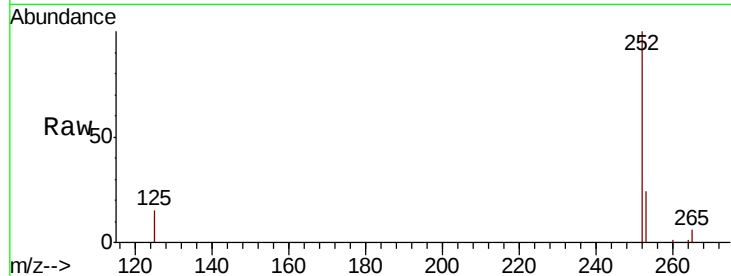
Tgt Ion: 252 Resp: 11283

Ion Ratio Lower Upper

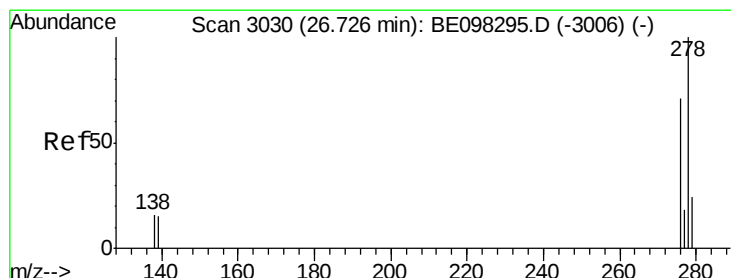
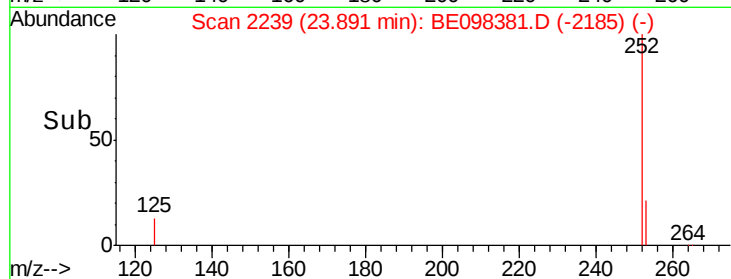
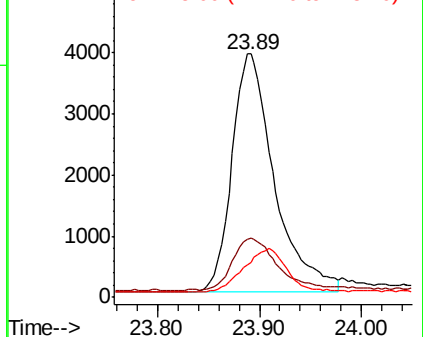
252 100

253 24.1 20.6 30.8

125 14.6 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: 0.368 ng

RT: 26.71 min Scan# 3026

Delta R.T. -0.01 min

Lab File: BE098381.D

Acq: 13 Dec 2018 3:25

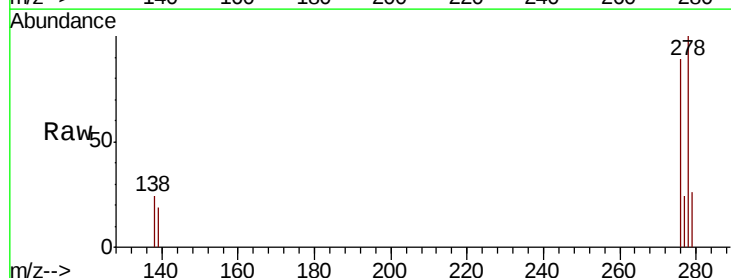
Tgt Ion: 278 Resp: 10680

Ion Ratio Lower Upper

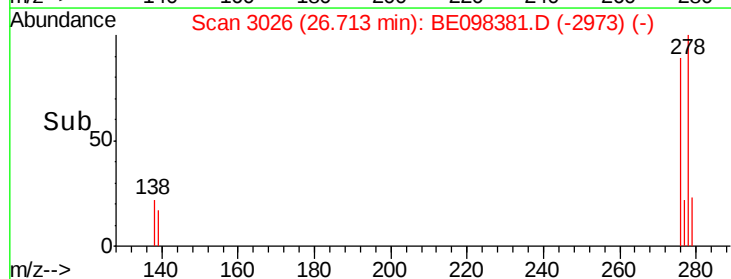
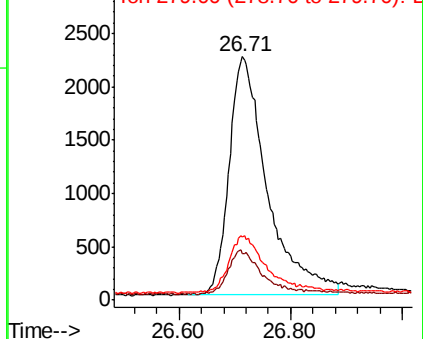
278 100

139 19.0 14.5 21.7

279 25.7 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: 0.376 ng

RT: 27.51 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BE098381.D

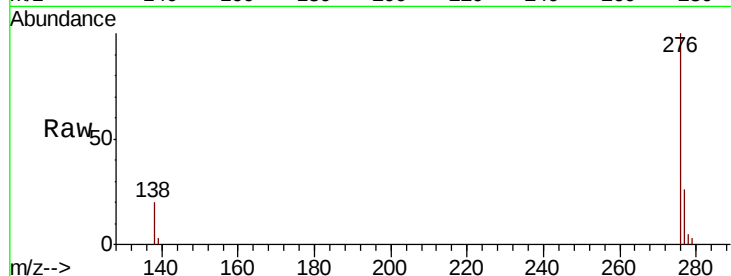
Acq: 13 Dec 2018 3:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



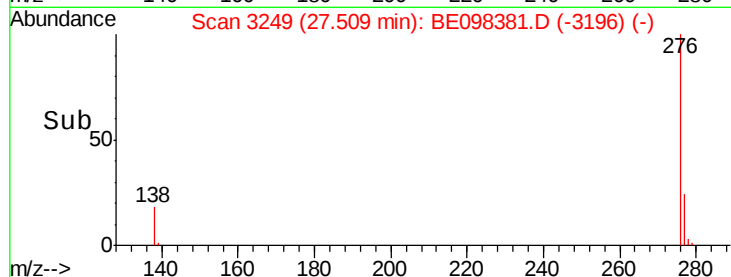
Tgt Ion: 276 Resp: 10988

Ion Ratio Lower Upper

276 100

277 25.6 20.8 31.2

138 20.2 15.8 23.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

