

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062119\
 Data File : BE100154.D
 Acq On : 22 Jun 2019 4:00
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 22 04:40:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	892	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	3582	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	2807	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	7764	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	8947	0.40	ng	0.00
34) Perylene-d12	23.83	264	10773	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	991	0.54	ng	-0.01
5) Phenol-d6	6.91	99	1491	0.59	ng	-0.02
8) Nitrobenzene-d5	8.89	82	1511	0.43	ng	-0.02
11) 2-Methylnaphthalene-d10	12.14	152	2775	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	814	0.53	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	4600	0.42	ng	-0.03
25) Fluoranthene-d10	19.19	212	40846	0.37	ng	0.00
29) Terphenyl-d14	19.79	244	8859	0.50	ng	-0.02

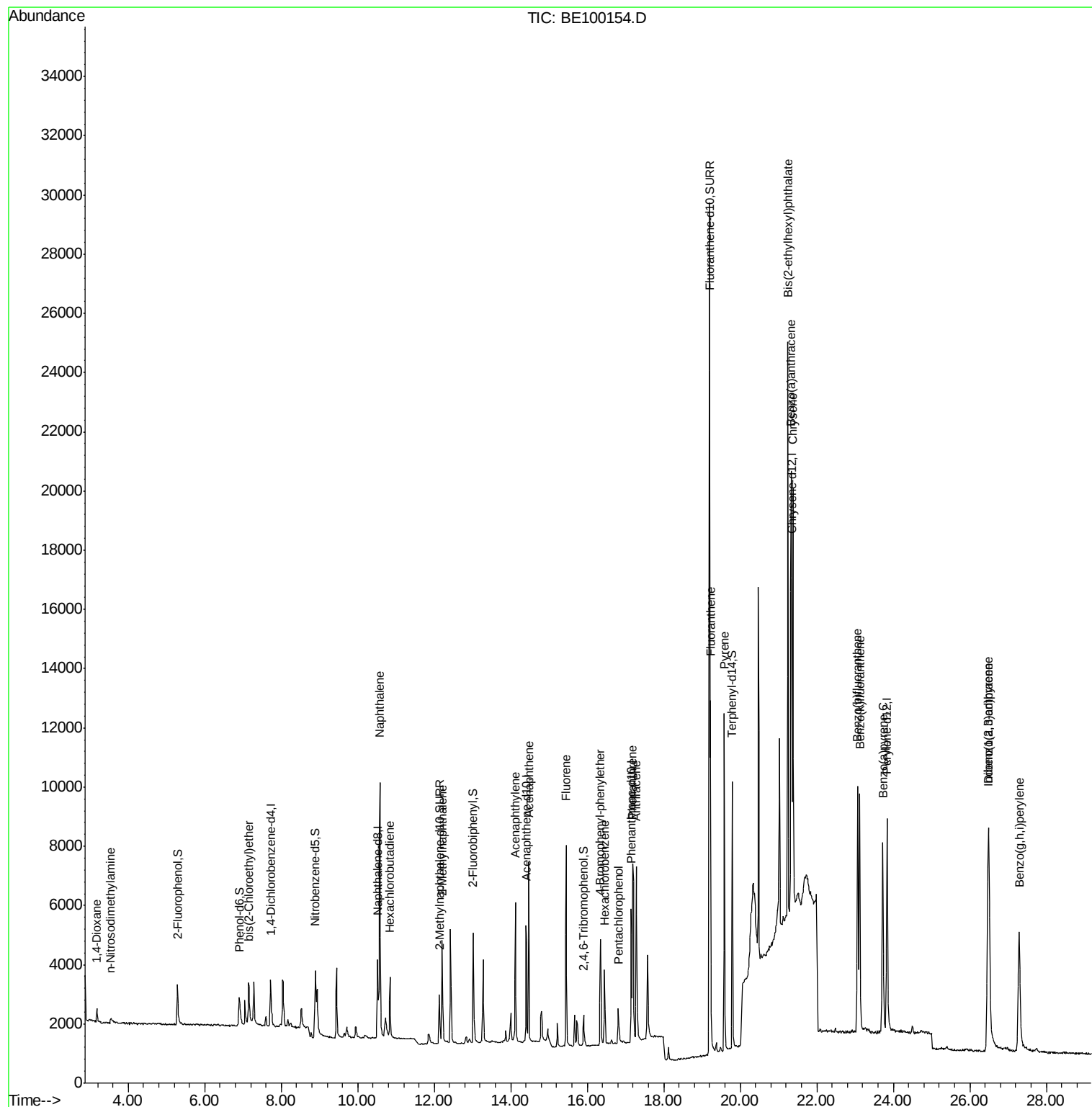
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	365	0.255	ng	# 93
3) n-Nitrosodimethylamine	3.54	42	236	0.593	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	1085	0.447	ng	81
9) Naphthalene	10.58	128	15794	0.406	ng	98
10) Hexachlorobutadiene	10.85	225	1404	0.367	ng	98
12) 2-Methylnaphthalene	12.21	142	2762	0.431	ng	96
16) Acenaphthylene	14.13	152	5786	0.434	ng	98
17) Acenaphthene	14.47	154	3122	0.419	ng	93
18) Fluorene	15.45	166	4454	0.401	ng	100
20) 4-Bromophenyl-phenylether	16.34	248	2036	0.441	ng	93
21) Hexachlorobenzene	16.45	284	2113	0.415	ng	96
22) Pentachlorophenol	16.81	266	797	0.724	ng	# 78
23) Phenanthrene	17.19	178	7645	0.411	ng	98
24) Anthracene	17.28	178	7015	0.447	ng	98
26) Fluoranthene	19.22	202	10919	0.366	ng	99
28) Pyrene	19.58	202	11306	0.492	ng	99
30) Benzo(a)anthracene	21.33	228	12112	0.455	ng	94
31) Chrysene	21.38	228	12160	0.393	ng	97
32) Bis(2-ethylhexyl)phthalate	21.25	149	20425	0.813	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.47	276	14584	0.419	ng	# 96
35) Benzo(b)fluoranthene	23.07	252	11798	0.373	ng	95
36) Benzo(k)fluoranthene	23.12	252	12417	0.345	ng	# 96
37) Benzo(a)pyrene	23.72	252	11396	0.373	ng	95
38) Dibenzo(a,h)anthracene	26.49	278	11190	0.358	ng	96
39) Benzo(g,h,i)perylene	27.29	276	11499	0.354	ng	96

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

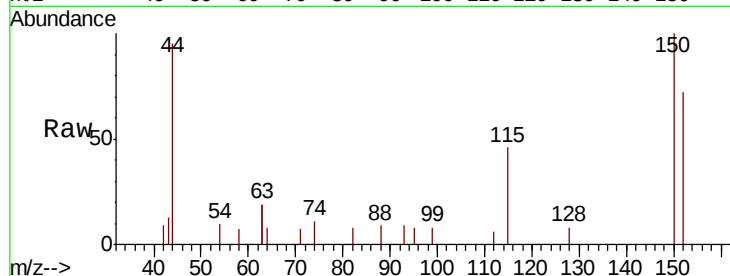
Tot Ion:152 Resp: 892

Ion Ratio Lower Upper

152 100

150 138.3 99.8 149.8

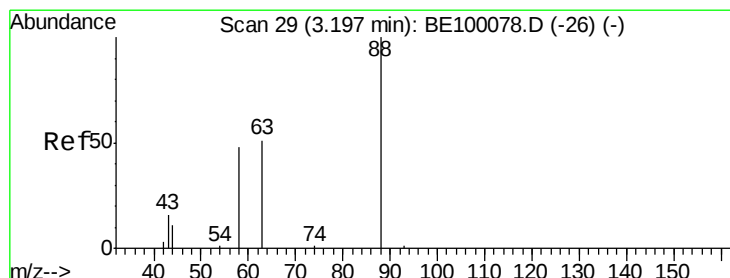
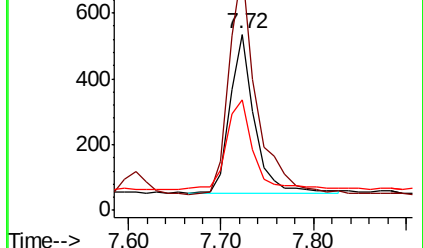
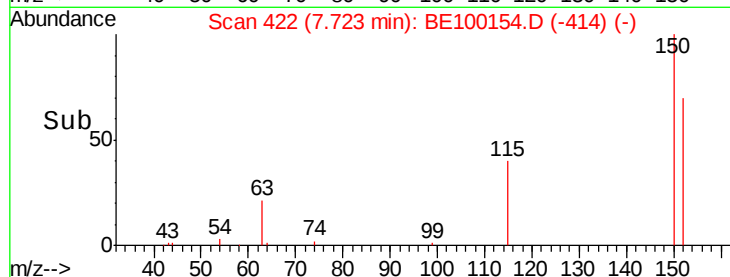
115 63.0 51.3 76.9



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: 0.255 ng

RT: 3.19 min Scan# 28

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

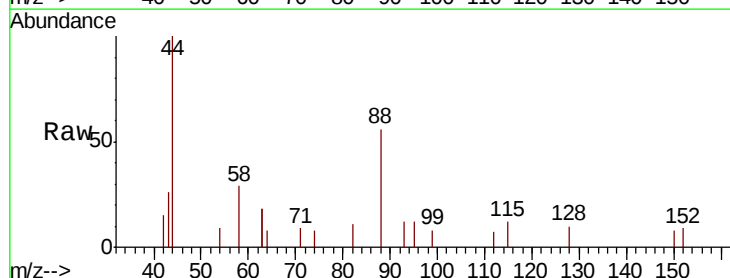
Tgt Ion: 88 Resp: 365

Ion Ratio Lower Upper

88 100

58 60.8 51.1 76.7

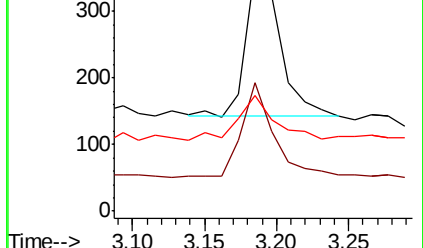
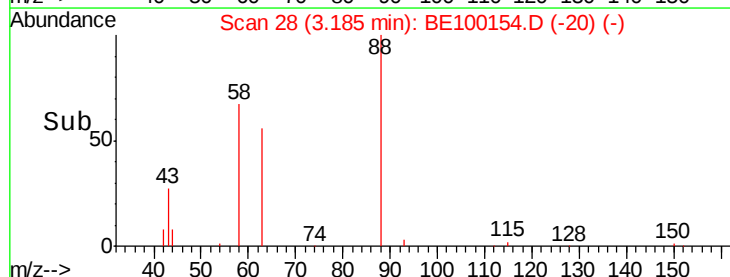
43 34.0 21.7 32.5#



Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.593 ng

RT: 3.54 min Scan# 59

Delta R.T. -0.06 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

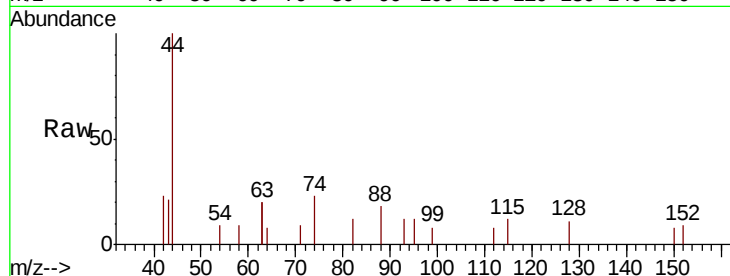
Tot Ion: 42 Resp: 236

Ion Ratio Lower Upper

42 100

74 151.7 0.0 0.0#

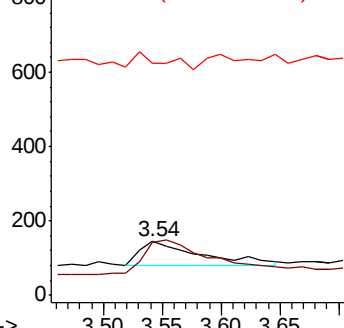
44 0.0 0.0 0.0



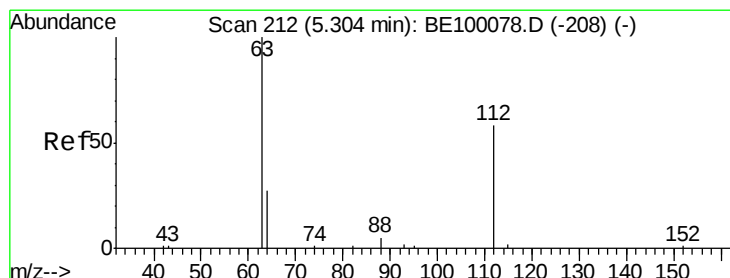
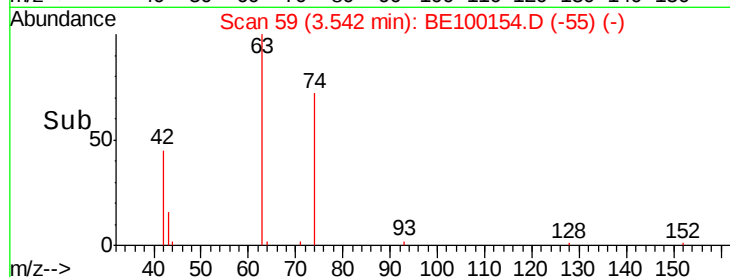
Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



Time-->



#4

2-Fluorophenol

Concen: 0.535 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

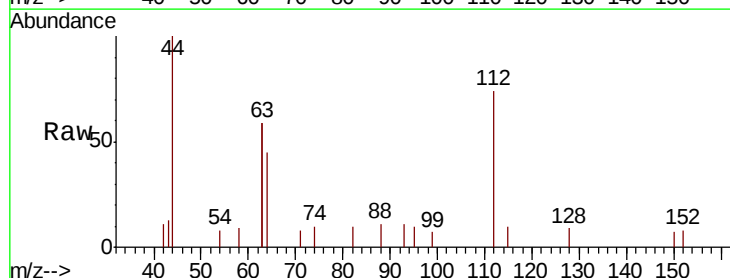
Tgt Ion: 112 Resp: 991

Ion Ratio Lower Upper

112 100

64 57.4 22.0 33.0#

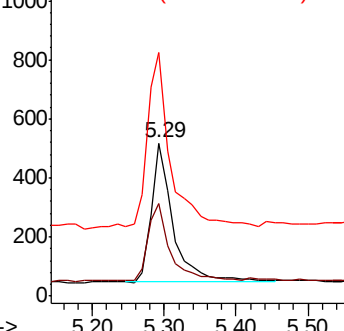
63 131.8 121.8 182.6



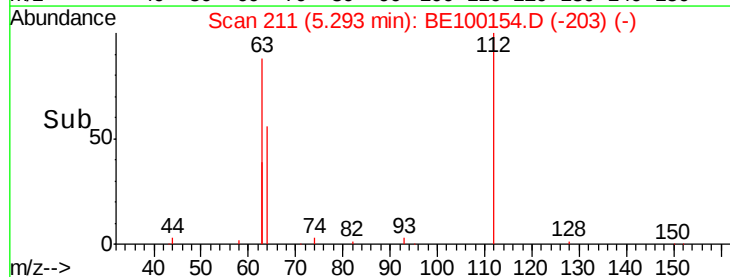
Abundance Ion 112.00 (111.70 to 112.70): E

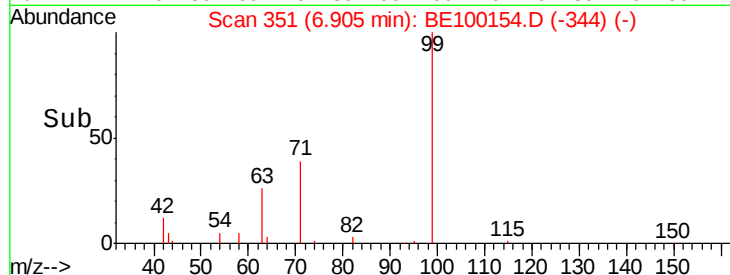
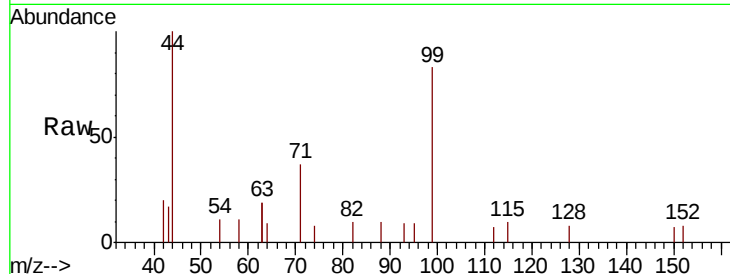
Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



Time-->

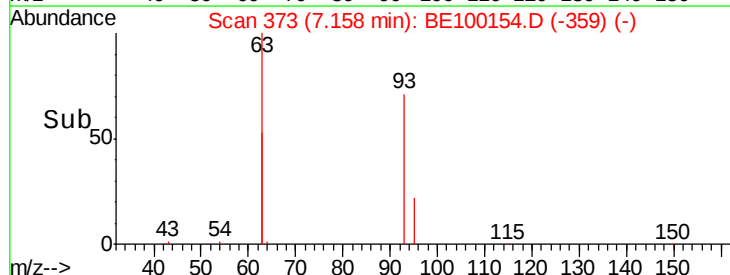
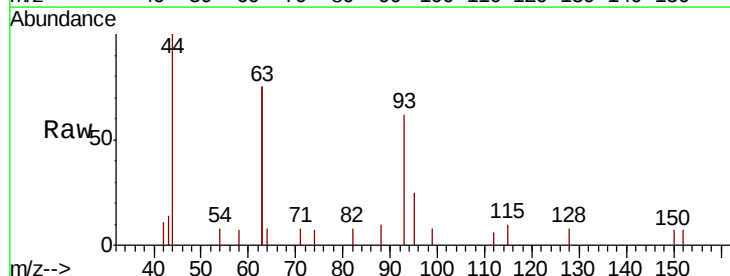
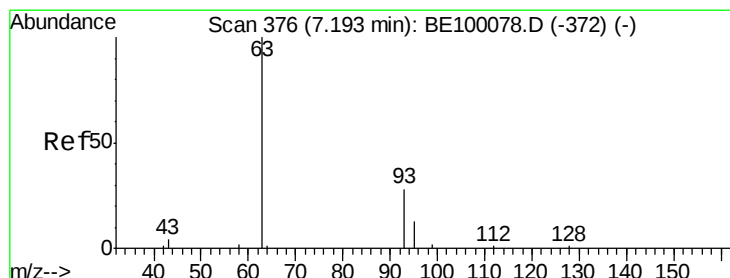
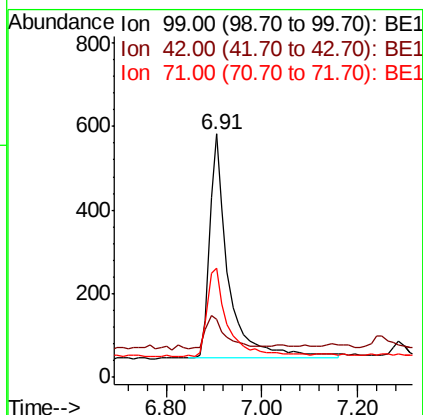




#5
 Phenol-d6
 Concen: 0.587 ng
 RT: 6.91 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: BE100154.D
 Acq: 22 Jun 2019 4:00

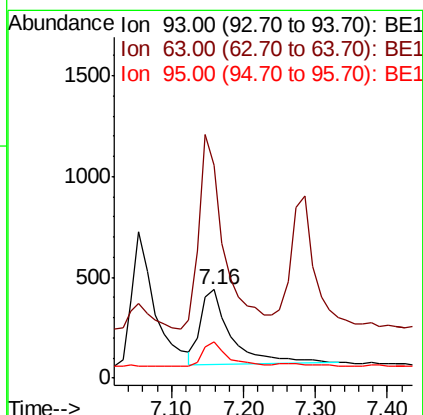
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion: 99 Resp: 1491
 Ion Ratio Lower Upper
 99 100
 42 16.0 0.0 0.0#
 71 43.5 37.6 56.4



#6
 bis(2-Chloroethyl)ether
 Concen: 0.447 ng
 RT: 7.16 min Scan# 373
 Delta R.T. -0.03 min
 Lab File: BE100154.D
 Acq: 22 Jun 2019 4:00

Tgt Ion: 93 Resp: 1085
 Ion Ratio Lower Upper
 93 100
 63 215.0 200.0 300.0
 95 26.1 24.0 36.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 644

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 3582

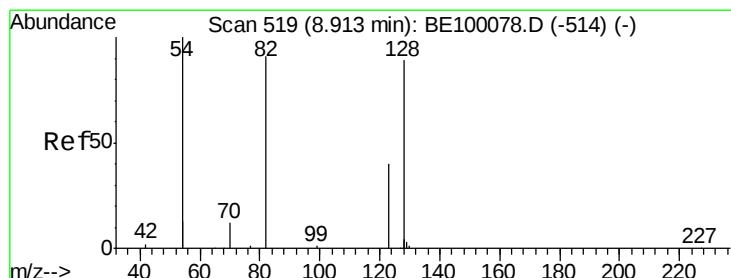
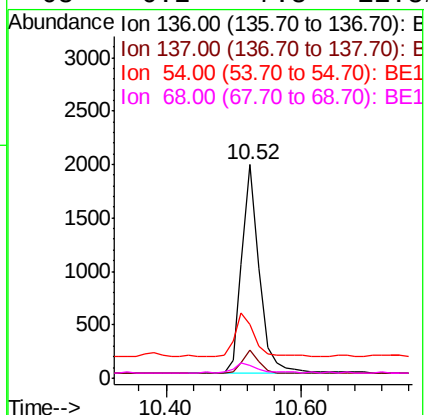
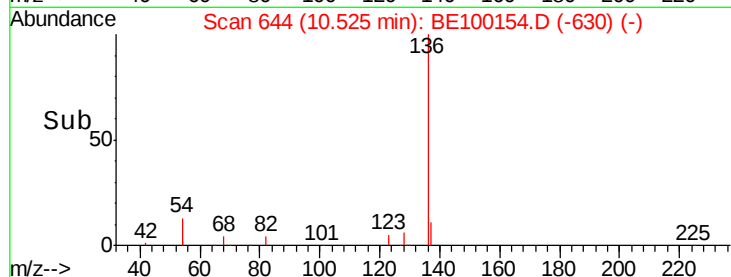
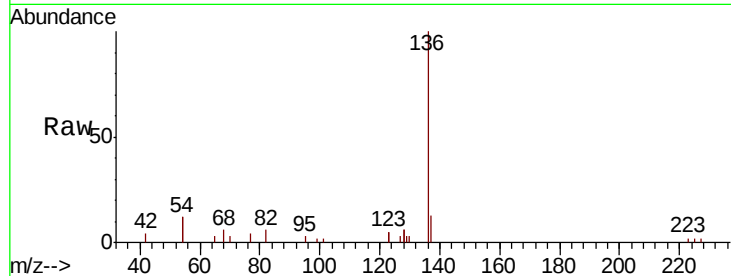
Ion Ratio Lower Upper

136 100

137 13.1 11.6 17.4

54 24.9 33.9 50.9#

68 6.2 7.8 11.8#



#8

Nitrobenzene-d5

Concen: 0.435 ng

RT: 8.89 min Scan# 518

Delta R.T. -0.02 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

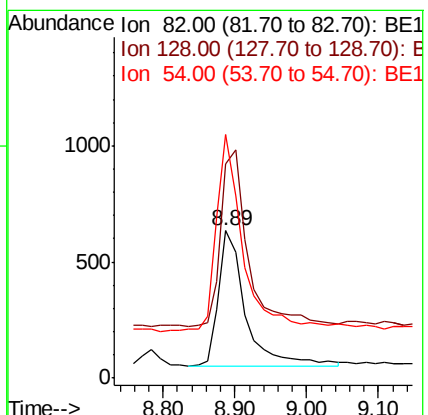
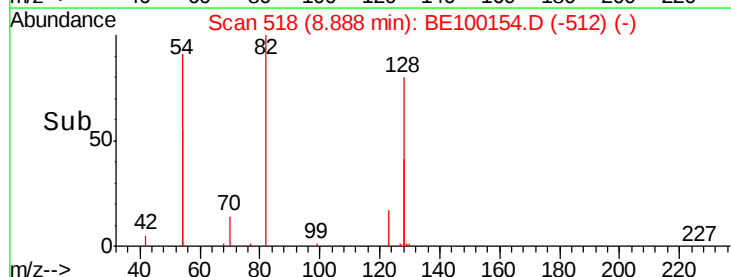
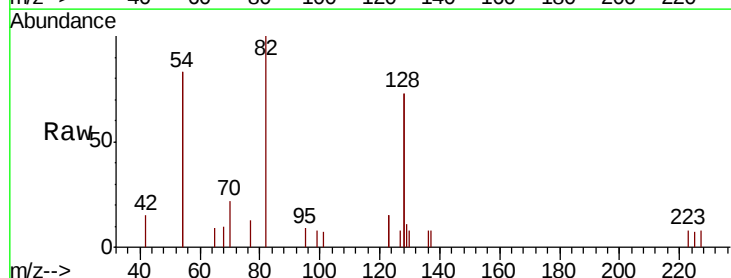
Tgt Ion: 82 Resp: 1511

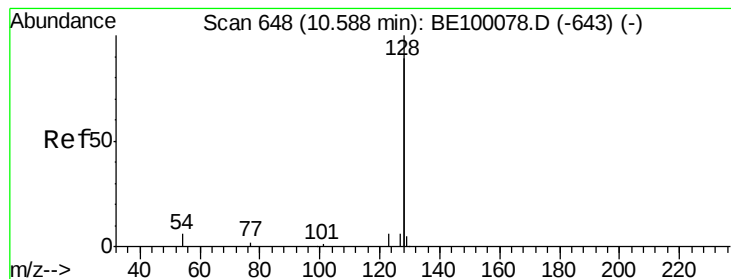
Ion Ratio Lower Upper

82 100

128 145.7 128.0 192.0

54 165.3 143.4 215.0





#9

Naphthalene

Concen: 0.406 ng

RT: 10.58 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

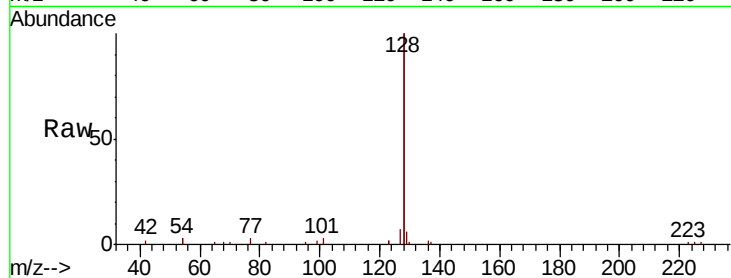
Tot Ion:128 Resp: 15794

Ion Ratio Lower Upper

128 100

129 3.2 3.1 4.7

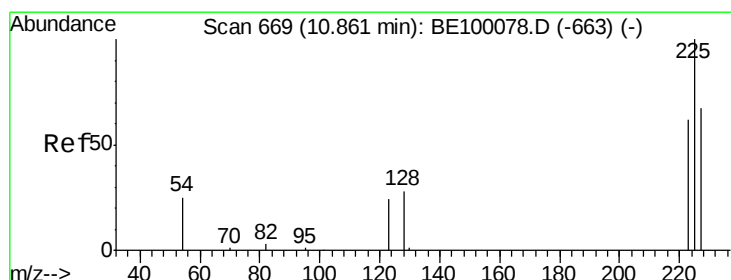
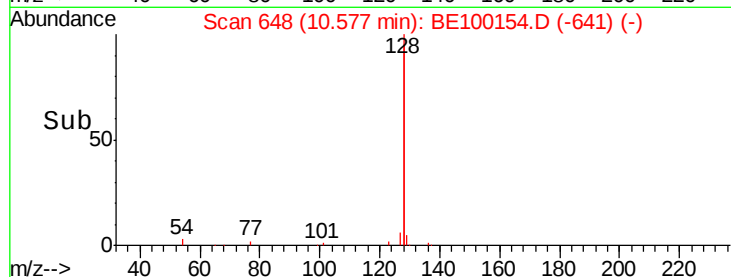
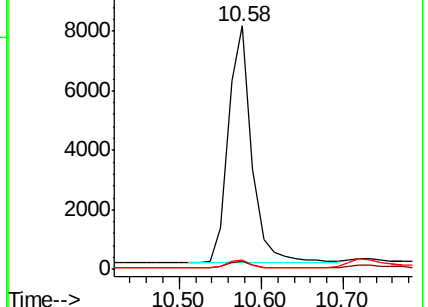
127 3.7 3.4 5.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.367 ng

RT: 10.85 min Scan# 669

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

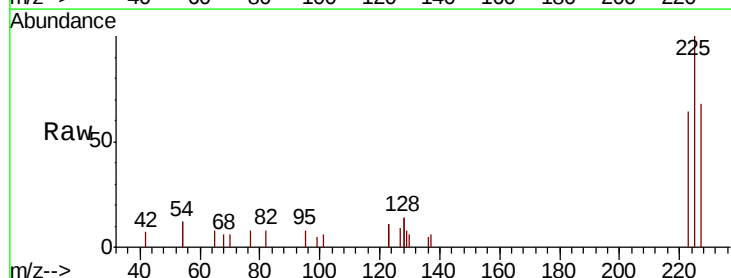
Tgt Ion:225 Resp: 1404

Ion Ratio Lower Upper

225 100

223 63.8 52.2 78.4

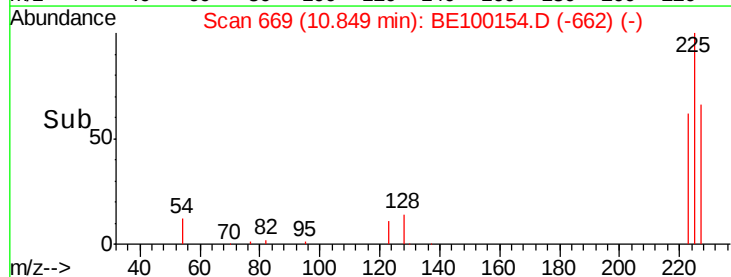
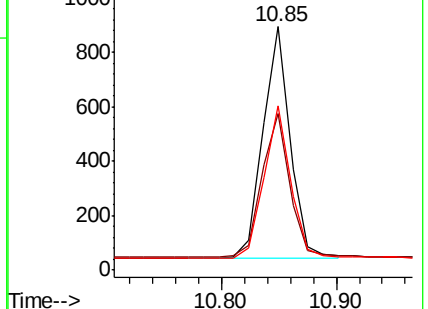
227 64.6 53.0 79.6

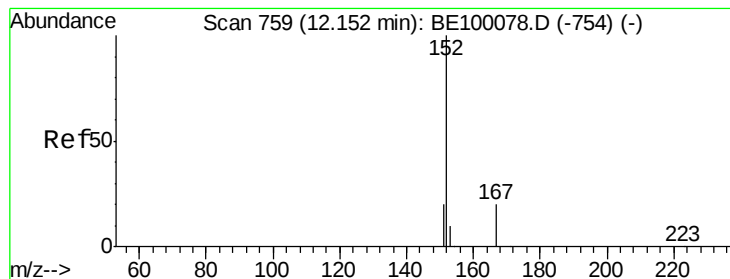


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.14 min Scan# 759

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

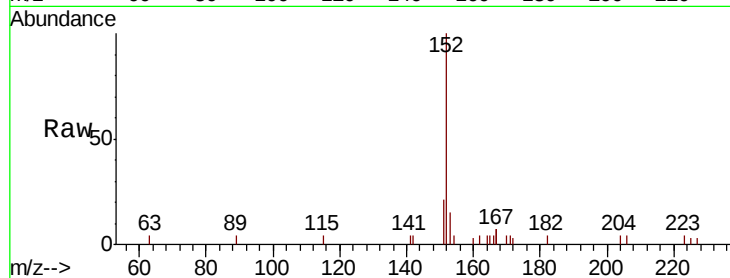
SSTDCCC0.4EC

Tot Ion:152 Resp: 2775

Ion Ratio Lower Upper

152 100

151 19.0 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

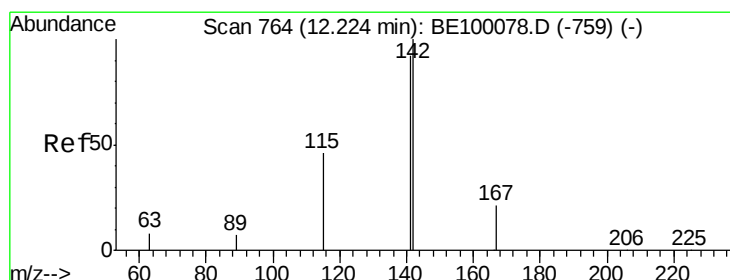
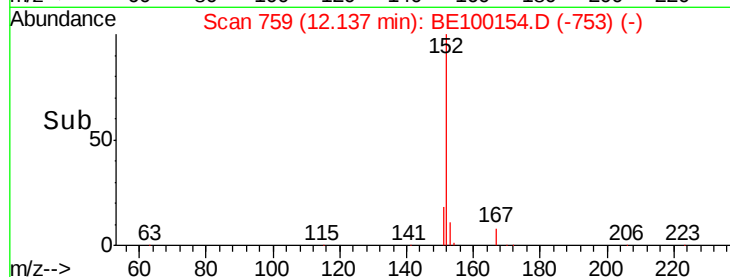
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.431 ng

RT: 12.21 min Scan# 764

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

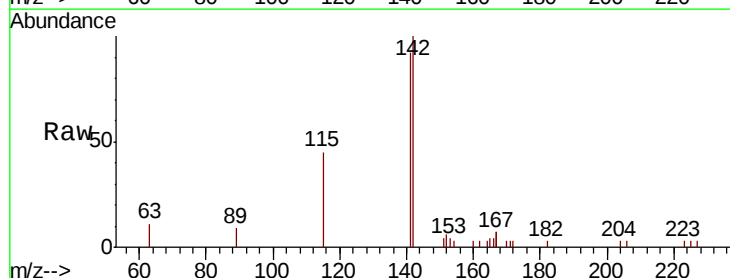
Tgt Ion:142 Resp: 2762

Ion Ratio Lower Upper

142 100

141 91.8 74.1 111.1

115 44.6 40.9 61.3



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

2000

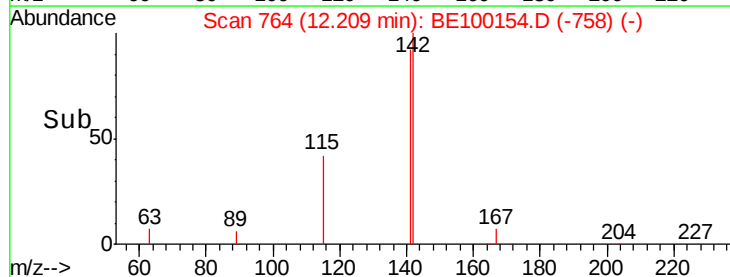
1500

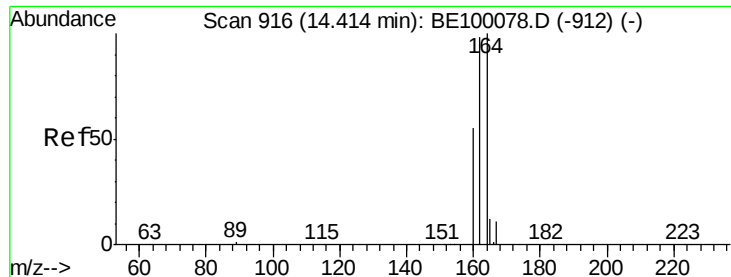
1000

500

0

Time-->

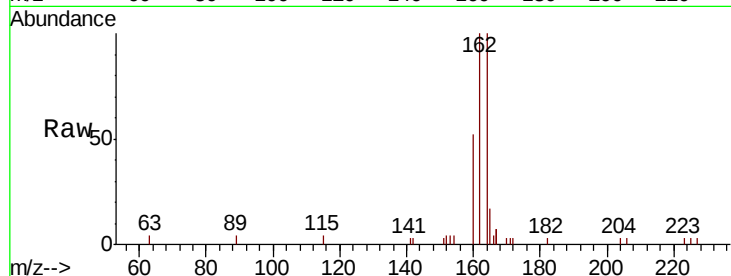




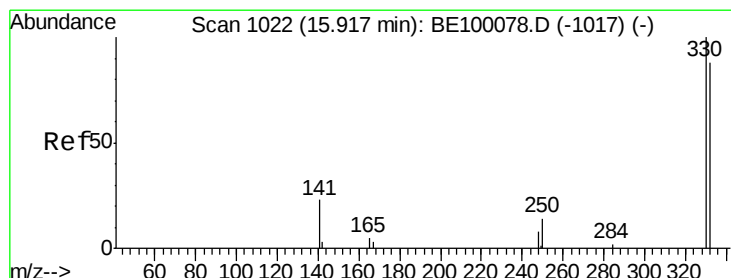
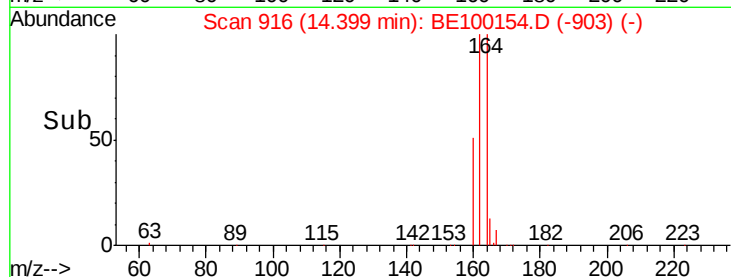
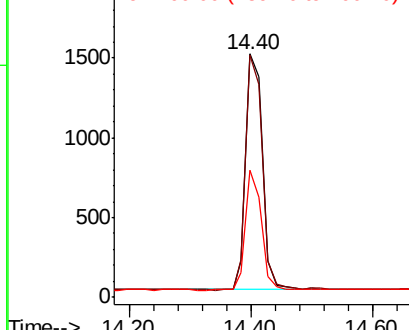
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 2807
Ion Ratio Lower Upper
164 100
162 99.7 78.2 117.2
160 52.2 45.6 68.4

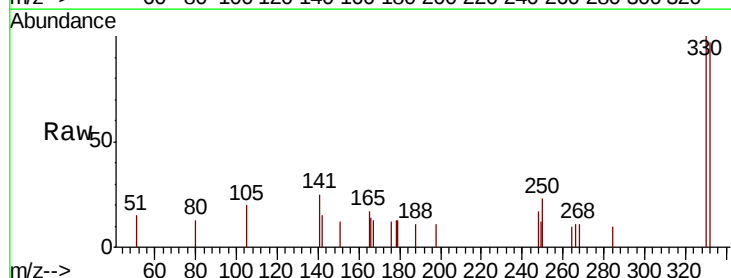


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

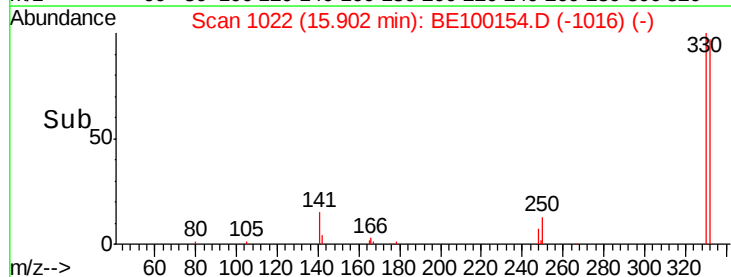
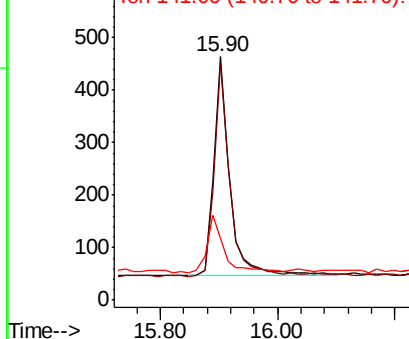


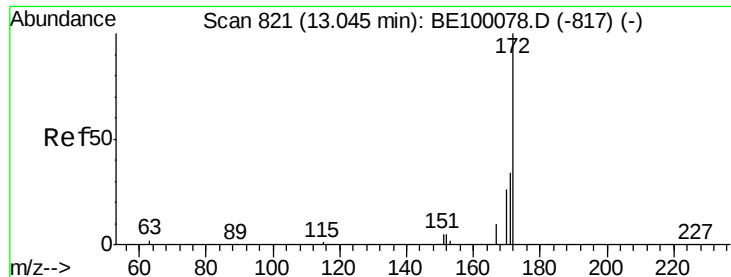
#14
2,4,6-Tribromophenol
Concen: 0.525 ng
RT: 15.90 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:330 Resp: 814
Ion Ratio Lower Upper
330 100
332 95.2 73.3 109.9
141 27.3 22.2 33.2



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

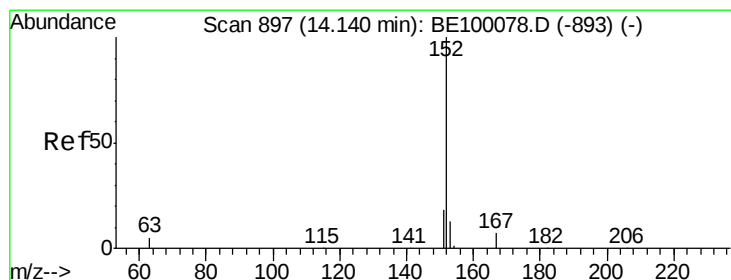
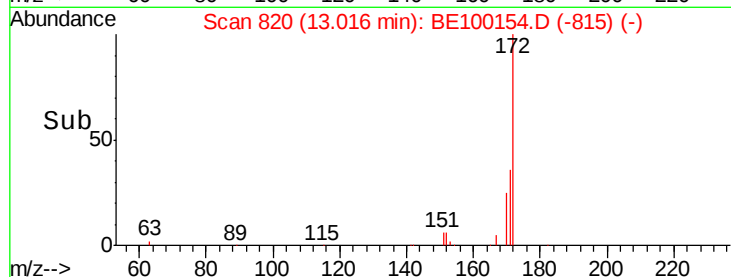
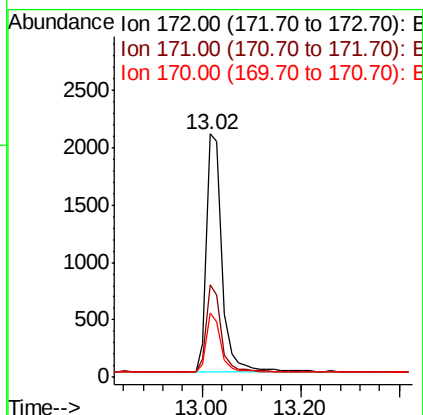
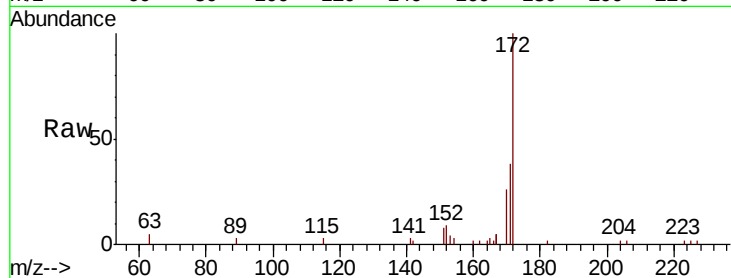




#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.02 min Scan# 820
Delta R.T. -0.03 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

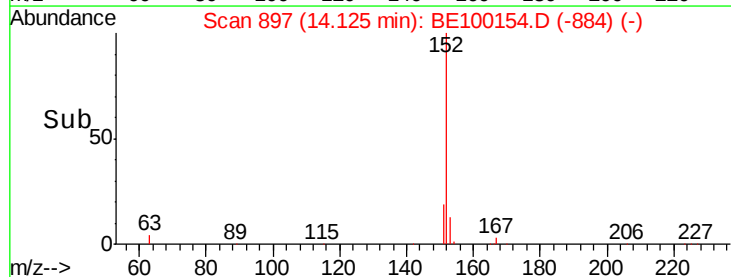
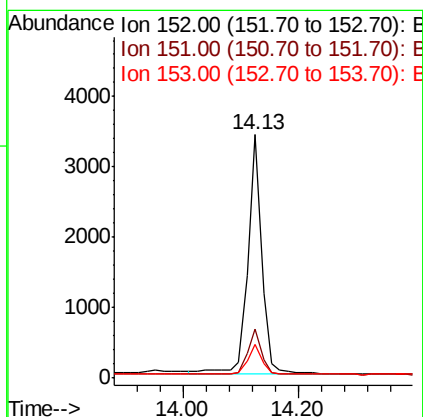
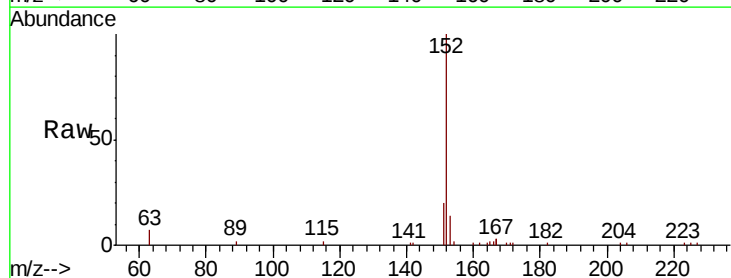
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

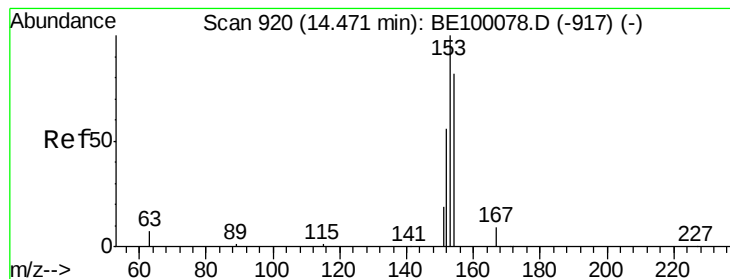
Tot Ion:172 Resp: 4600
Ion Ratio Lower Upper
172 100
171 38.0 29.8 44.8
170 26.3 23.2 34.8



#16
Acenaphthylene
Concen: 0.434 ng
RT: 14.13 min Scan# 897
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:152 Resp: 5786
Ion Ratio Lower Upper
152 100
151 18.7 15.9 23.9
153 12.4 10.1 15.1





#17

Acenaphthene

Concen: 0.419 ng

RT: 14.47 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

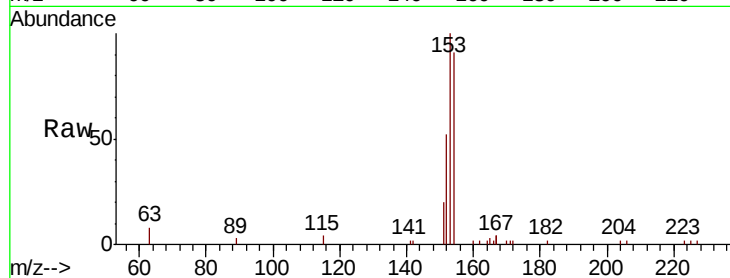
Tot Ion:154 Resp: 3122

Ion Ratio Lower Upper

154 100

153 114.0 95.5 143.3

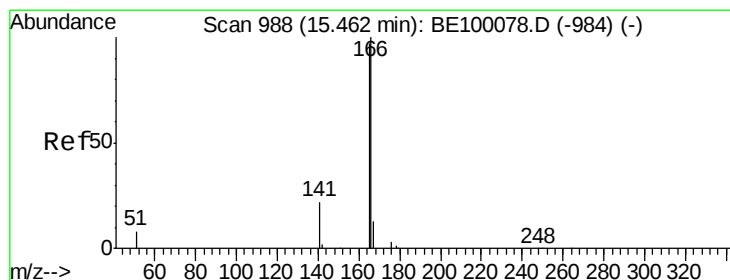
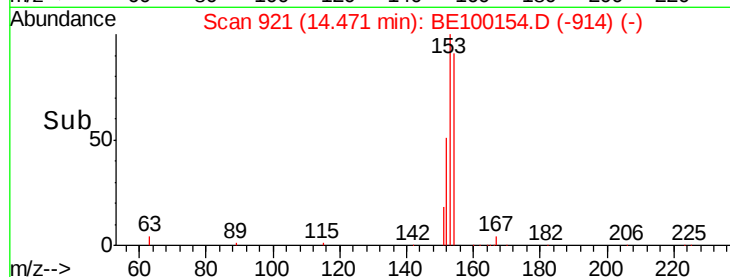
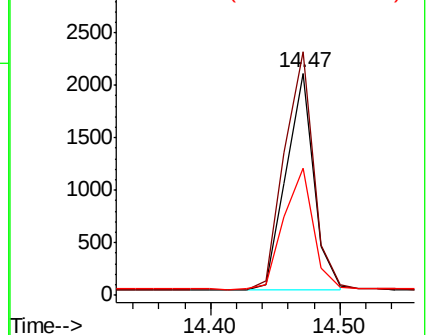
152 59.3 54.9 82.3



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: 0.401 ng

RT: 15.45 min Scan# 988

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

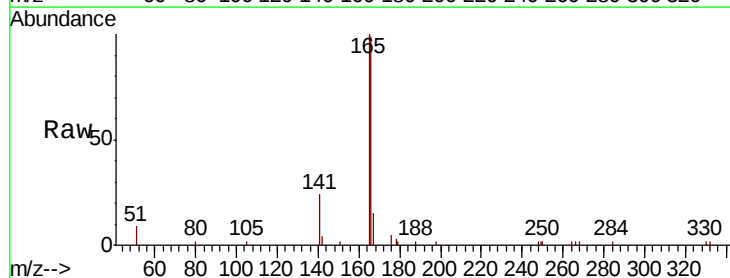
Tgt Ion:166 Resp: 4454

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

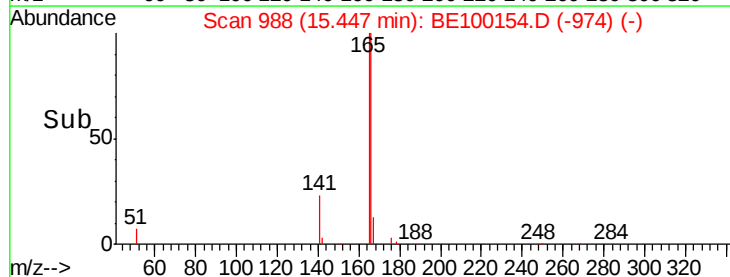
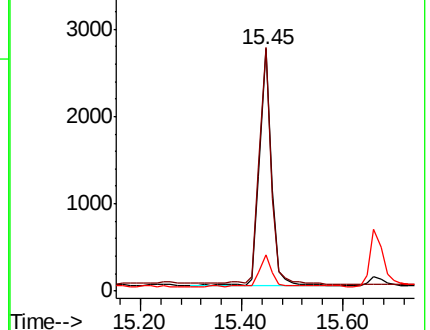
167 13.3 10.2 15.4

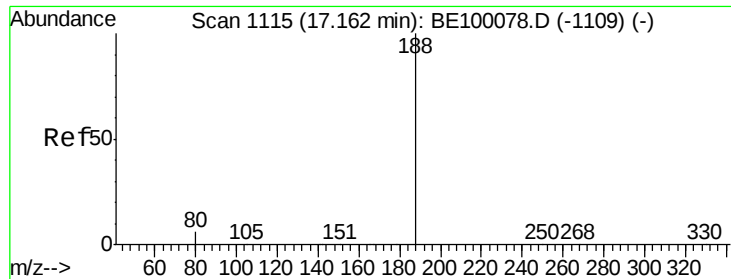


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.15 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

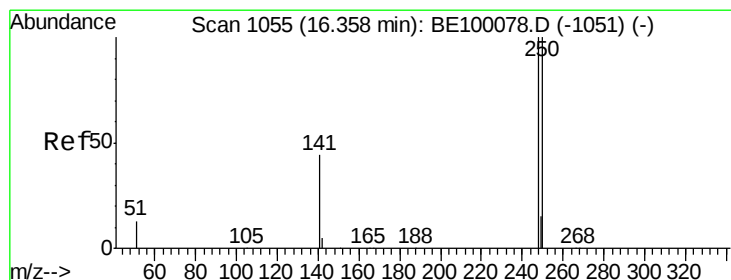
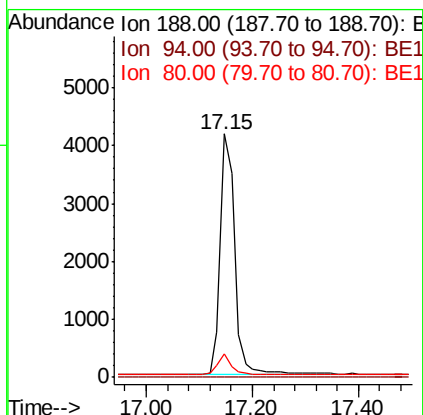
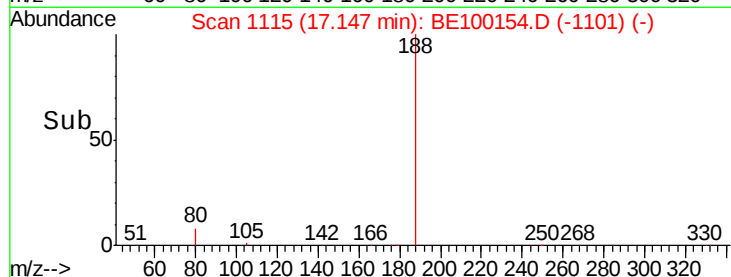
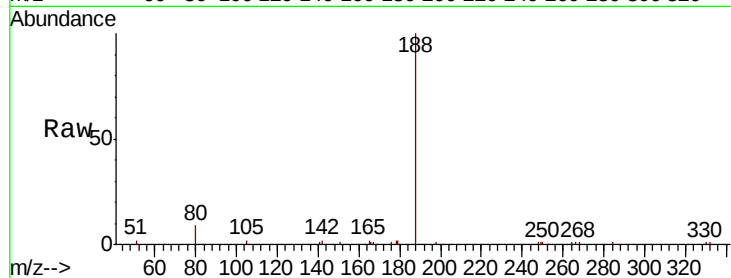
Tot Ion:188 Resp: 7764

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.441 ng

RT: 16.34 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

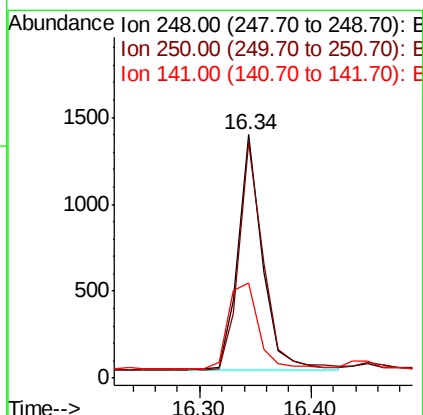
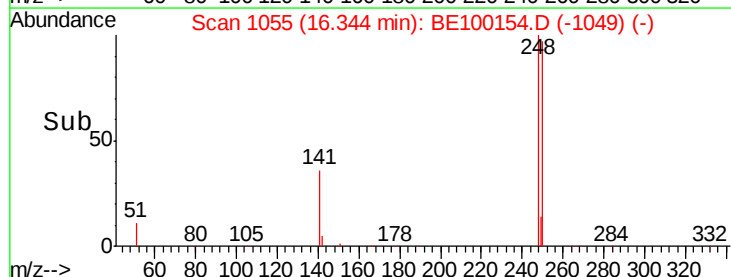
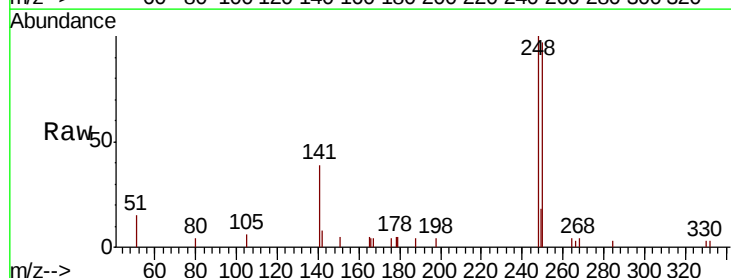
Tgt Ion:248 Resp: 2036

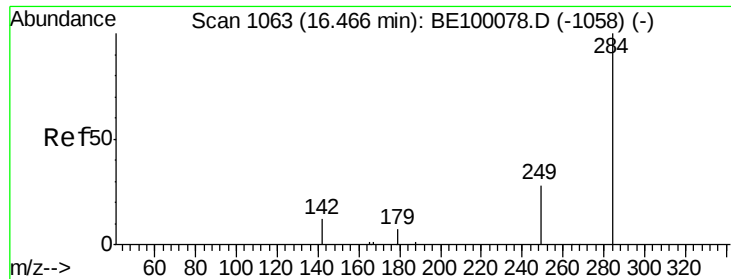
Ion Ratio Lower Upper

248 100

250 97.1 80.6 120.8

141 39.1 38.8 58.2

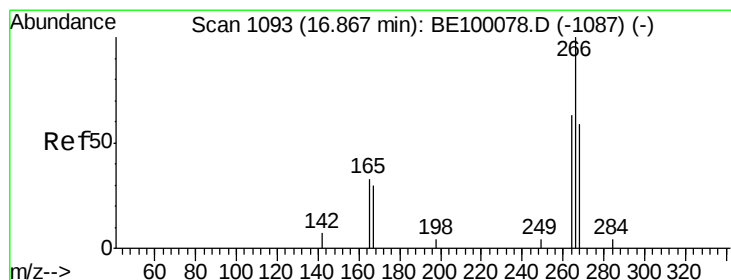
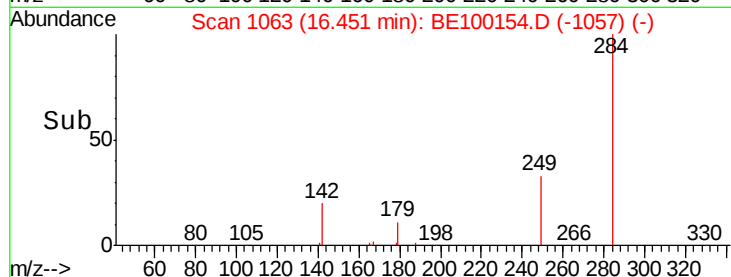
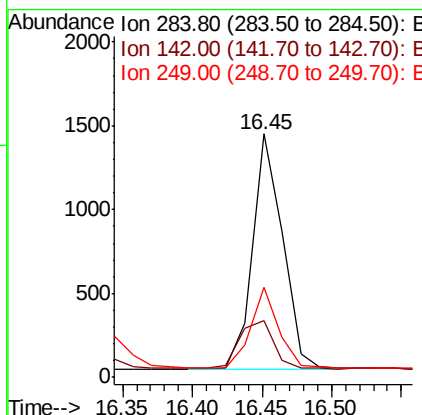
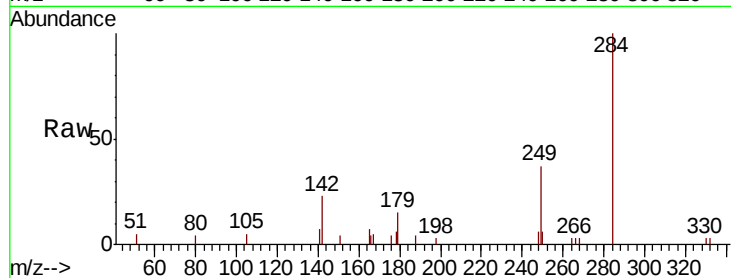




#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.45 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

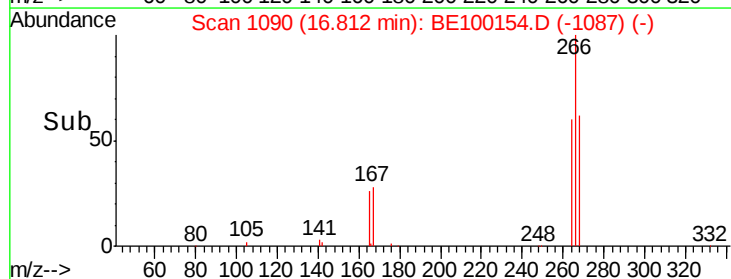
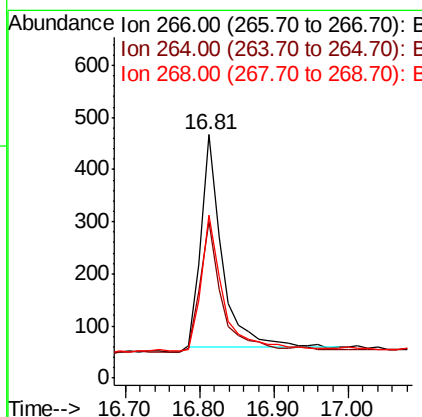
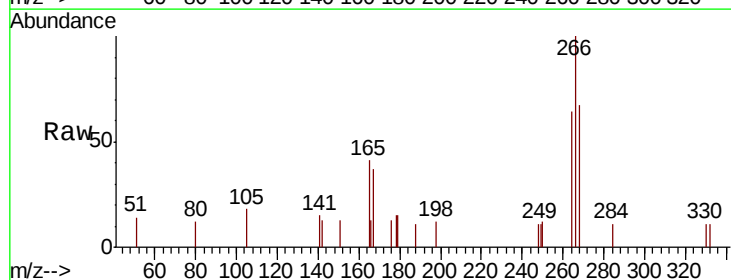
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

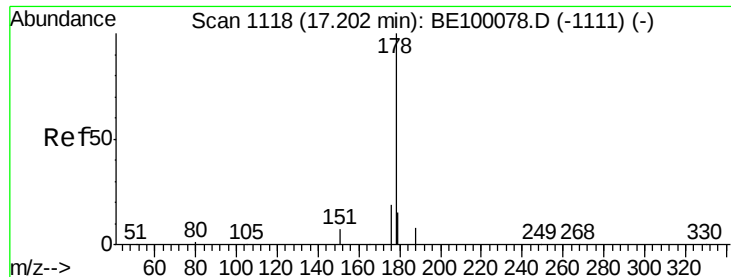
Tot Ion	Ratio	Lower	Upper
284	100		
142	23.3	20.7	31.1
249	31.6	26.6	39.8



#22
Pentachlorophenol
Concen: 0.724 ng
RT: 16.81 min Scan# 1090
Delta R.T. -0.05 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.5	67.8	101.6#
268	67.0	70.0	105.0#





#23

Phenanthrene

Concen: 0.411 ng

RT: 17.19 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

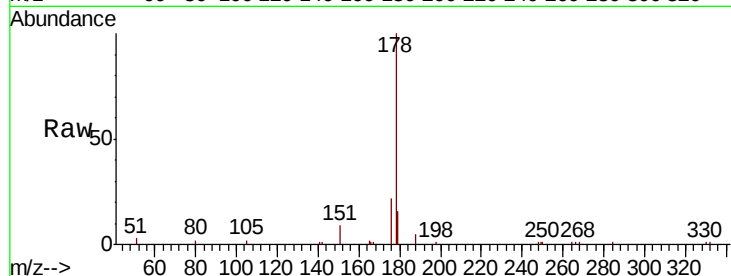
Tot Ion:178 Resp: 7645

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

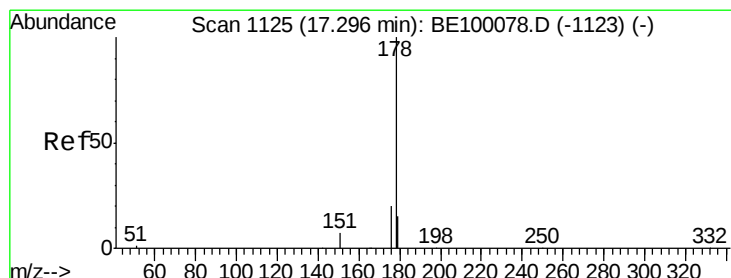
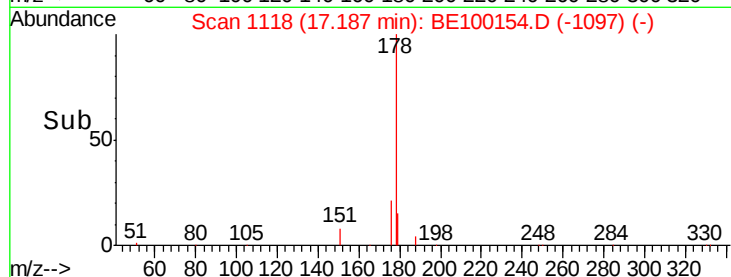
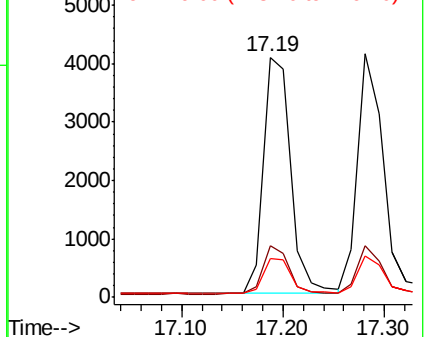
179 15.1 13.1 19.7



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: 0.447 ng

RT: 17.28 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

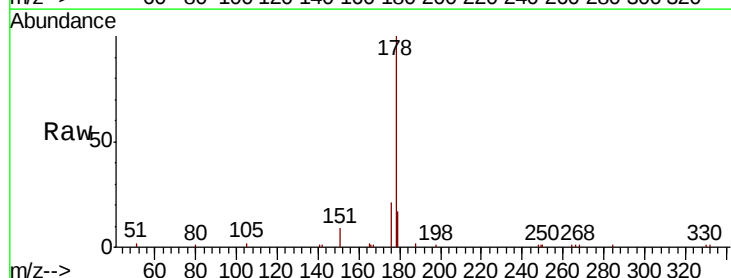
Tgt Ion:178 Resp: 7015

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

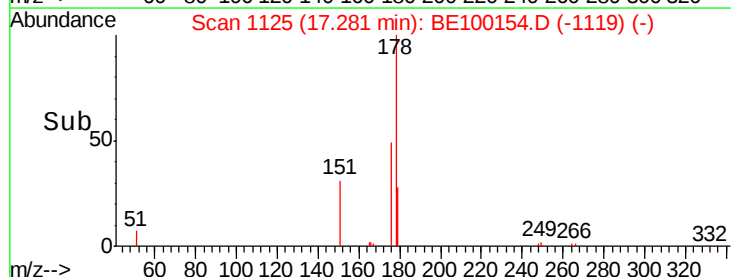
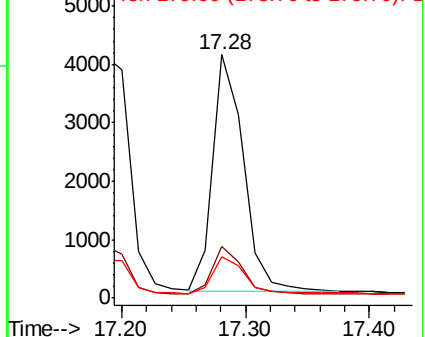
179 16.1 12.0 18.0

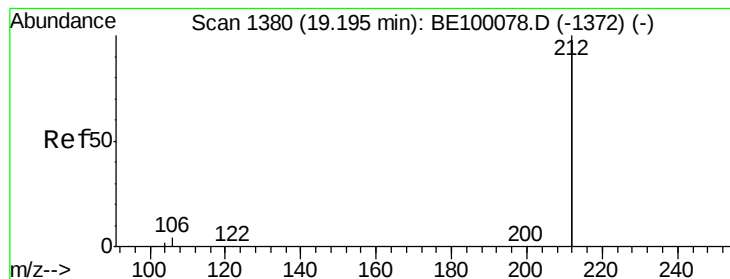


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.19 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

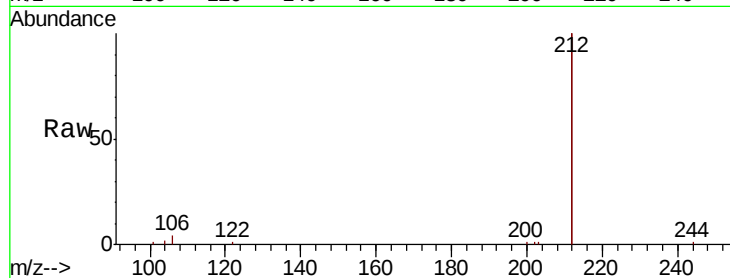
Tot Ion:212 Resp: 40846

Ion Ratio Lower Upper

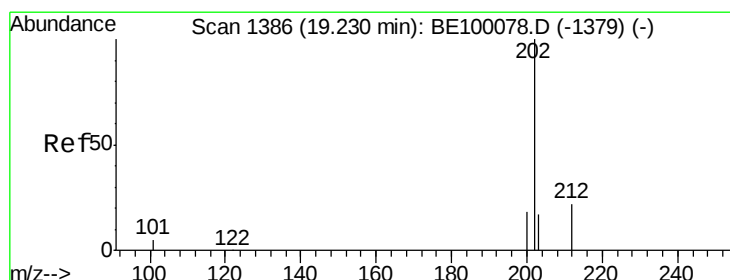
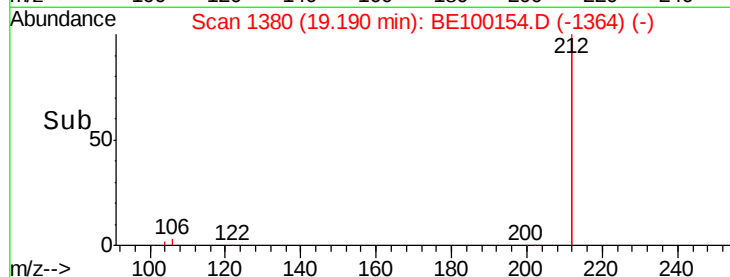
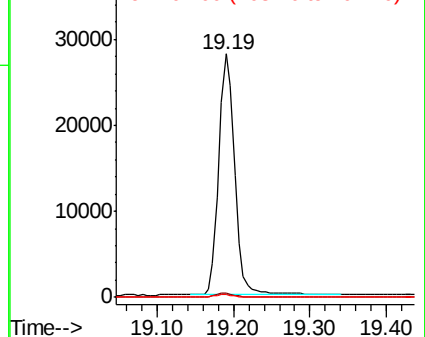
212 100

106 1.6 1.4 2.0

104 0.9 0.8 1.2



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: 0.366 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

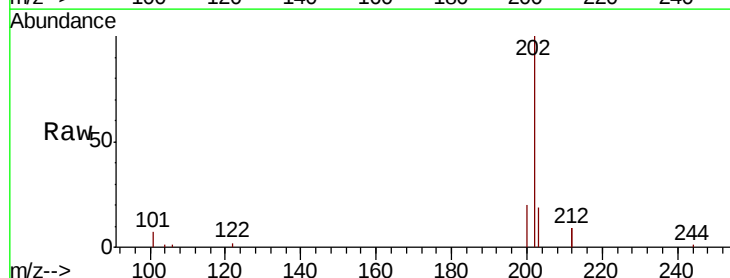
Tgt Ion:202 Resp: 10919

Ion Ratio Lower Upper

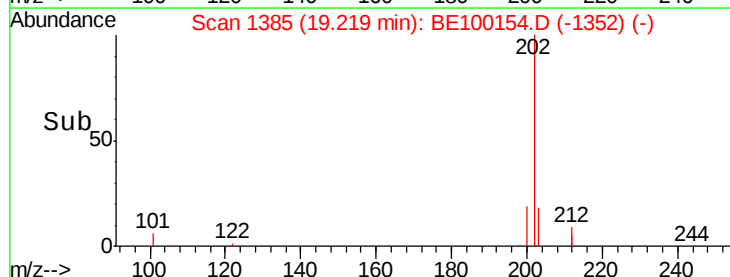
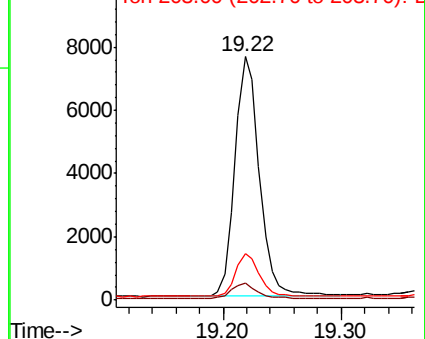
202 100

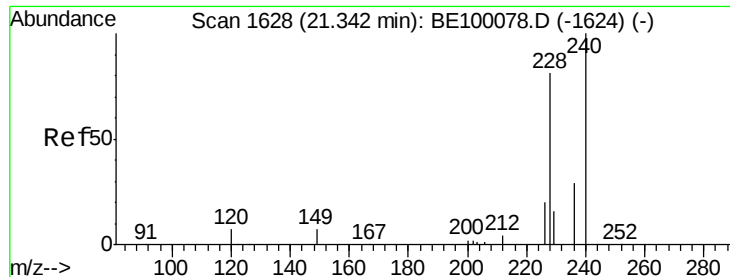
101 6.3 5.0 7.4

203 17.4 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

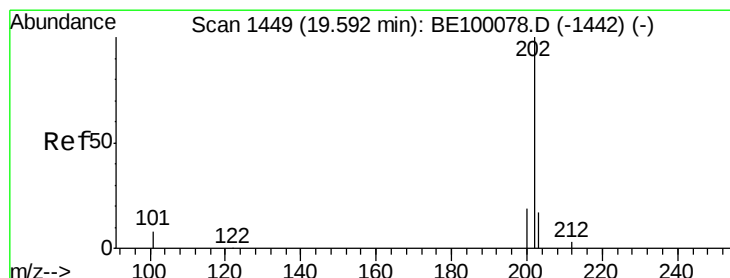
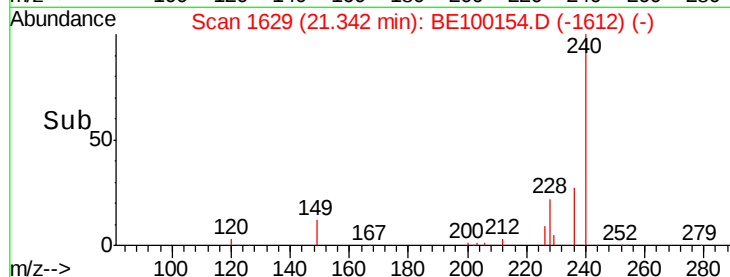
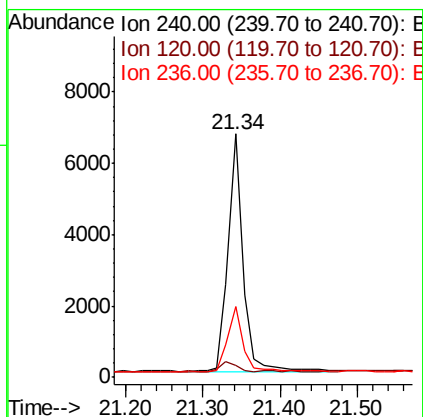
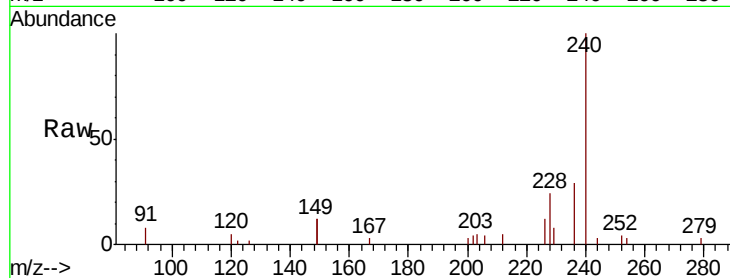




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BE100154.D
 Acq: 22 Jun 2019 4:00

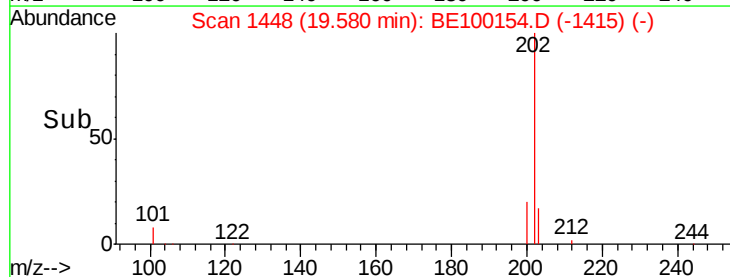
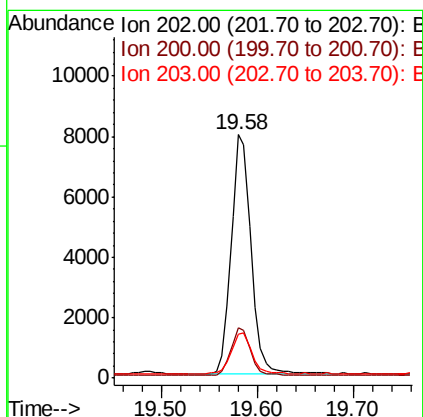
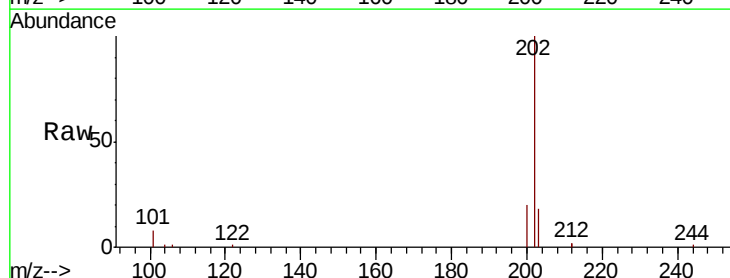
Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

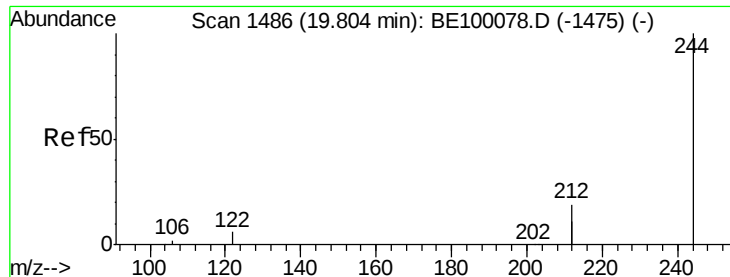
Tot Ion:240 Resp: 8947
 Ion Ratio Lower Upper
 240 100
 120 4.9 6.6 10.0#
 236 29.1 23.8 35.6



#28
 Pyrene
 Concen: 0.492 ng
 RT: 19.58 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BE100154.D
 Acq: 22 Jun 2019 4:00

Tgt Ion:202 Resp: 11306
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.6 23.4
 203 18.0 13.9 20.9





#29

Terphenyl-d14

Concen: 0.495 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

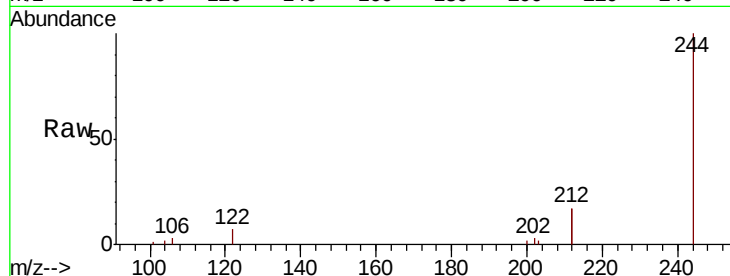
Tot Ion:244 Resp: 8859

Ion Ratio Lower Upper

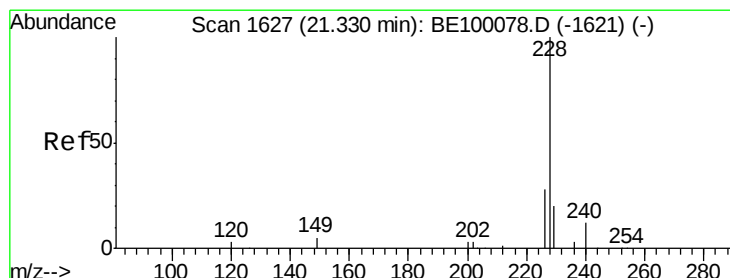
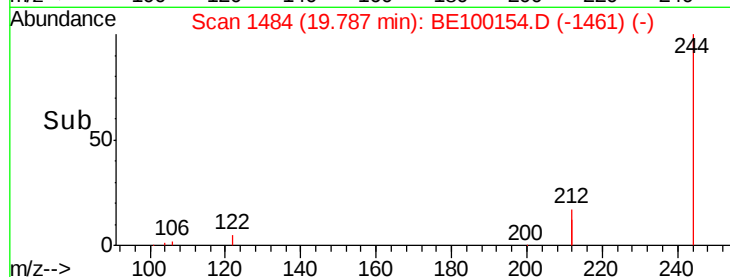
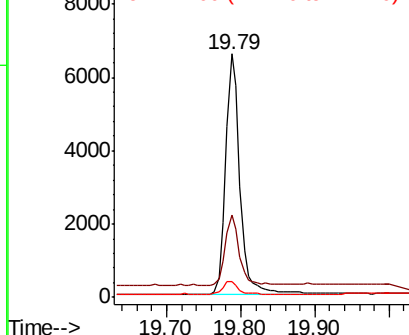
244 100

212 33.9 29.8 44.8

122 6.5 6.1 9.1



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: 0.455 ng

RT: 21.33 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

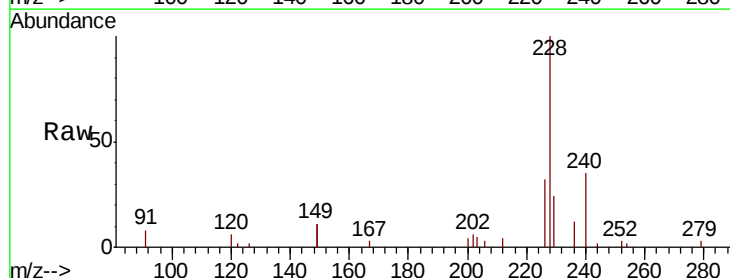
Tgt Ion:228 Resp: 12112

Ion Ratio Lower Upper

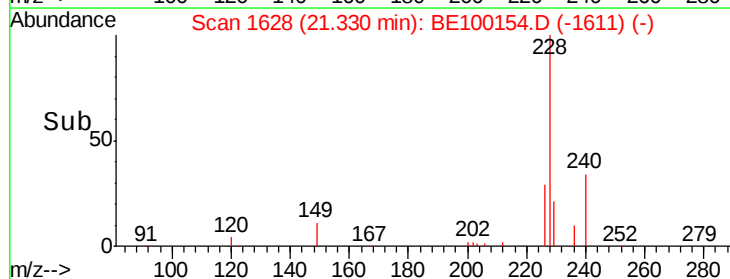
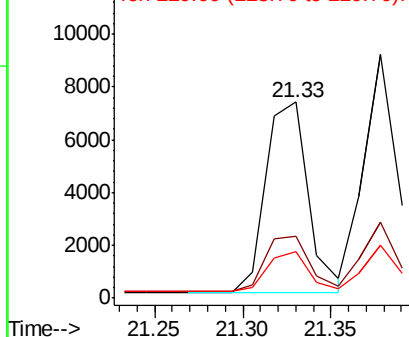
228 100

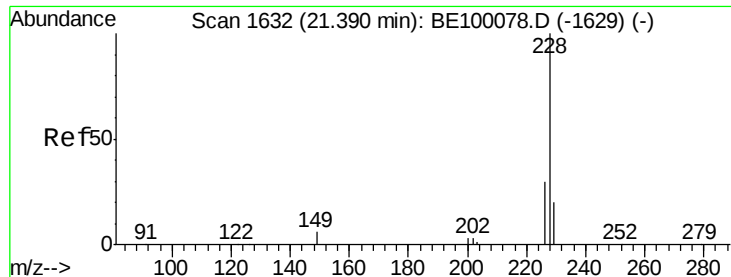
226 31.7 23.0 34.4

229 23.6 16.4 24.6



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: 0.393 ng

RT: 21.38 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

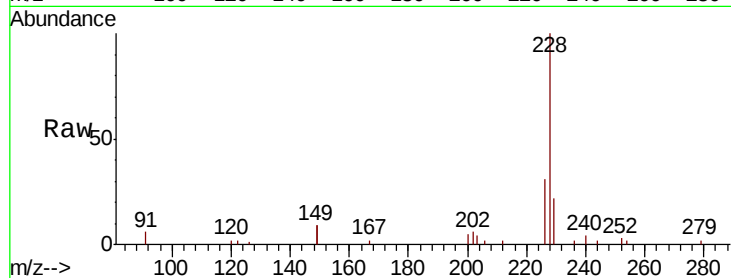
Tot Ion:228 Resp: 12160

Ion Ratio Lower Upper

228 100

226 30.9 23.8 35.8

229 21.9 16.3 24.5

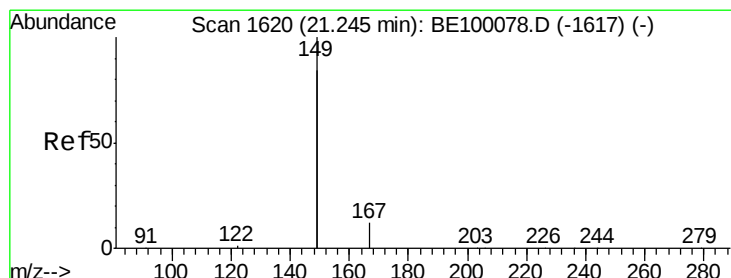
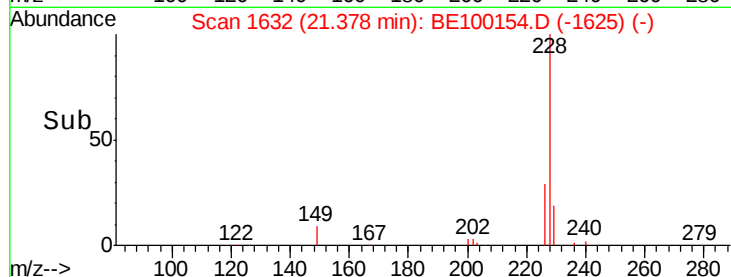
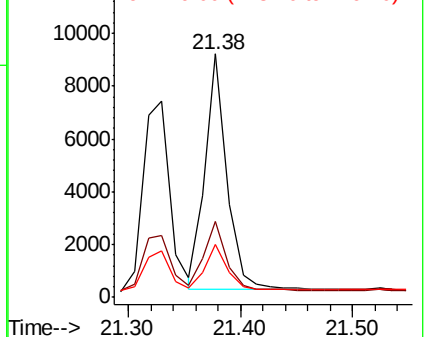


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.813 ng

RT: 21.25 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

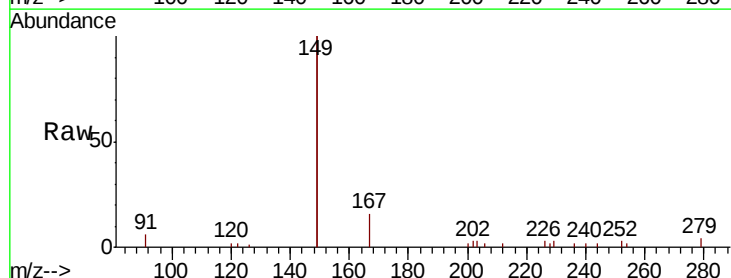
Tgt Ion:149 Resp: 20425

Ion Ratio Lower Upper

149 100

167 7.7 5.8 8.6

279 1.8 1.1 1.7#

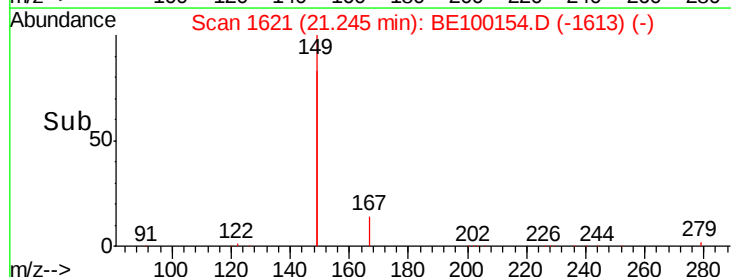
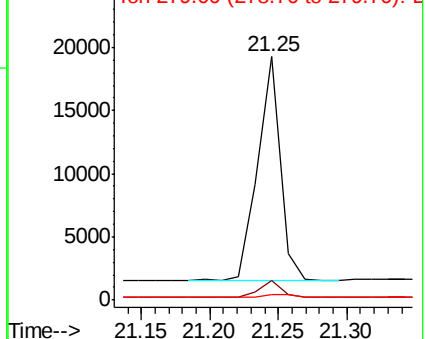


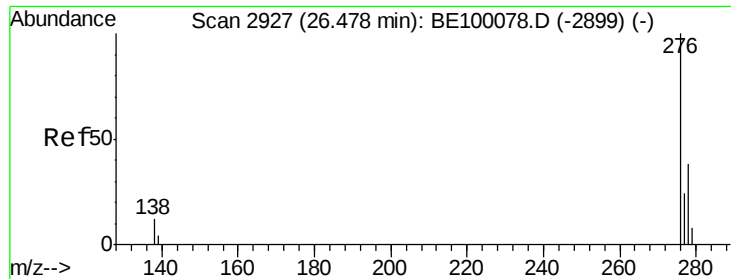
Abundance

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

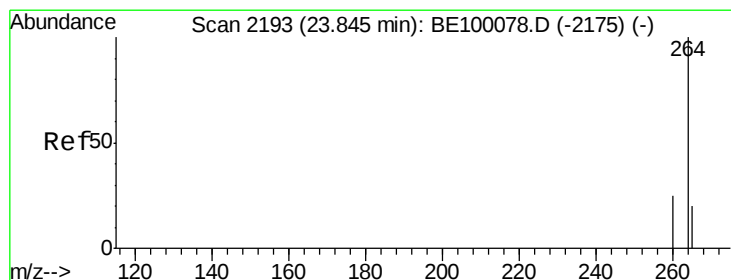
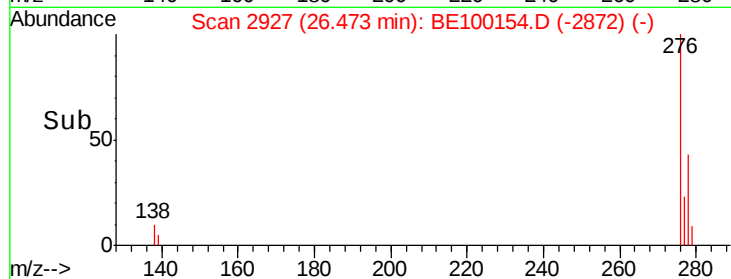
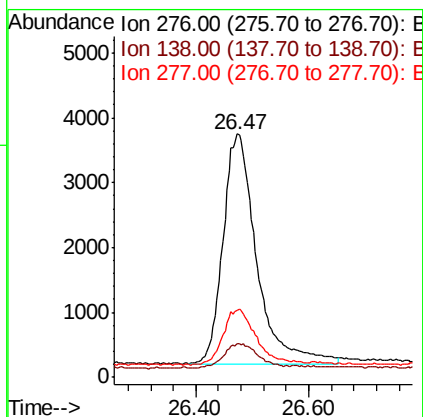
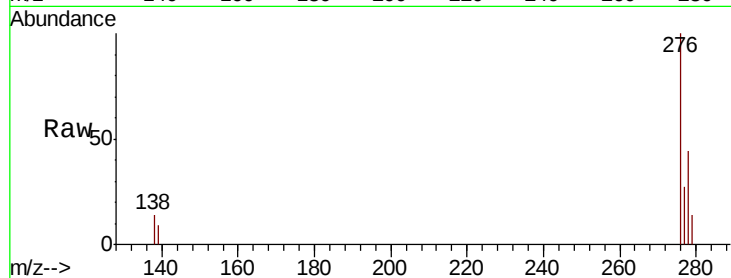




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.419 ng
 RT: 26.47 min Scan# 2927
 Delta R.T. -0.00 min
 Lab File: BE100154.D
 Acq: 22 Jun 2019 4:00

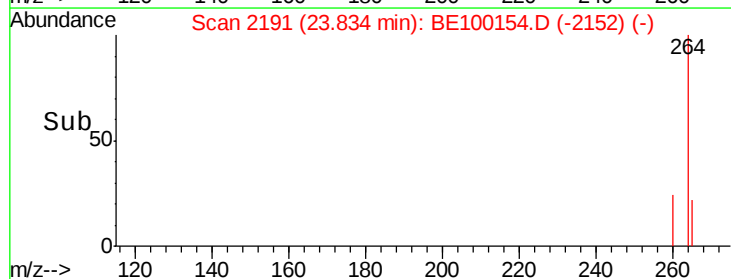
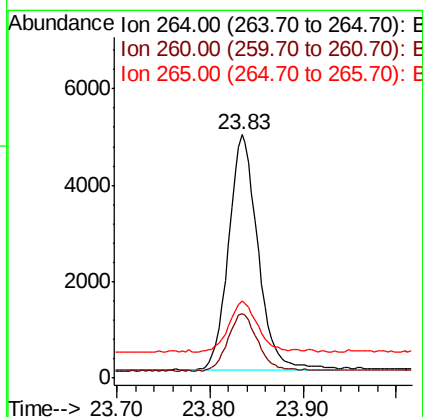
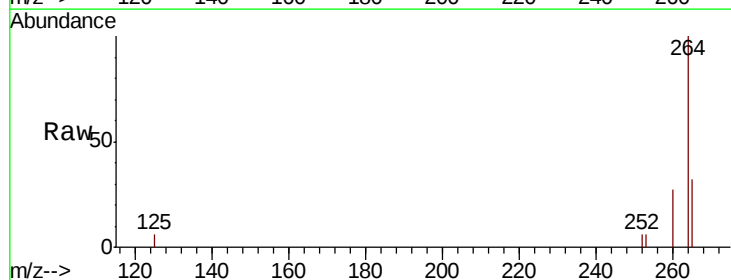
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

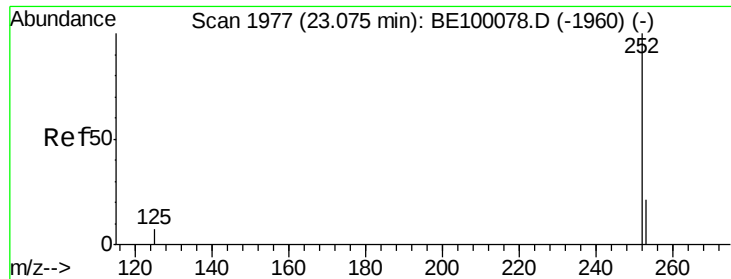
Tot Ion:276 Resp: 14584
 Ion Ratio Lower Upper
 276 100
 138 10.4 4.3 6.5#
 277 23.5 19.4 29.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BE100154.D
 Acq: 22 Jun 2019 4:00

Tgt Ion:264 Resp: 10773
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.8 31.2
 265 32.0 23.2 34.8

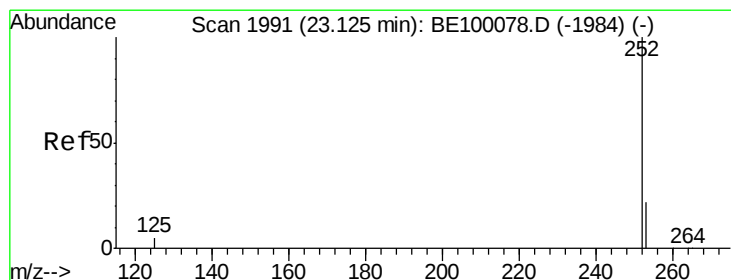
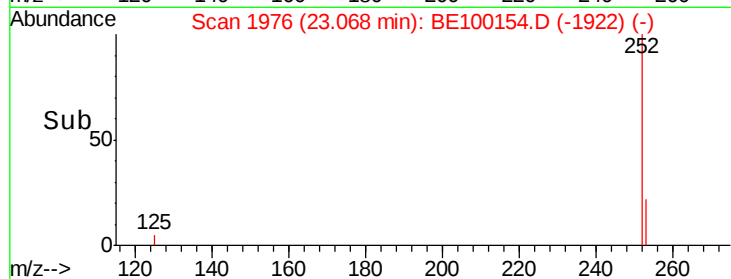
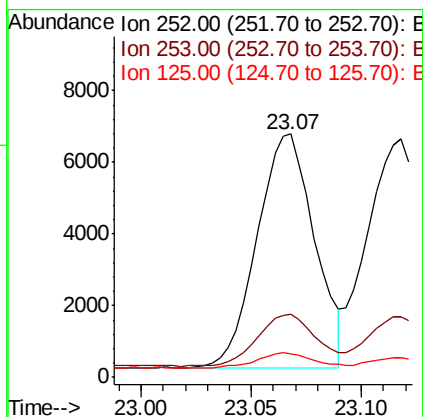
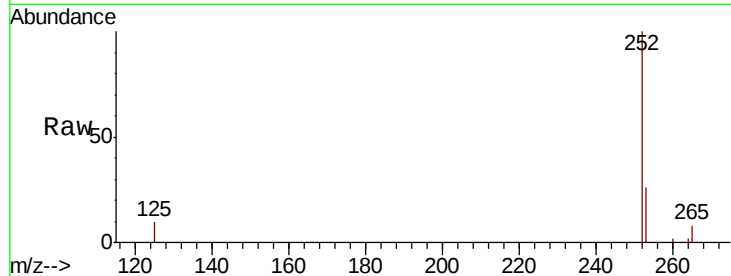




#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

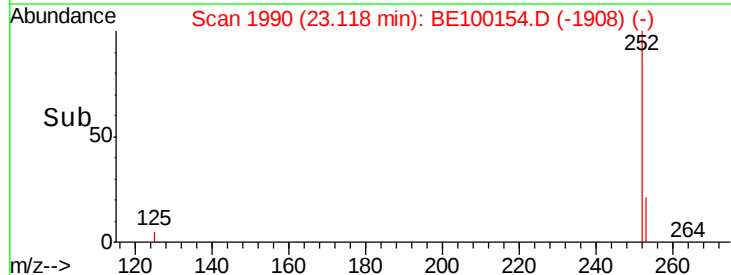
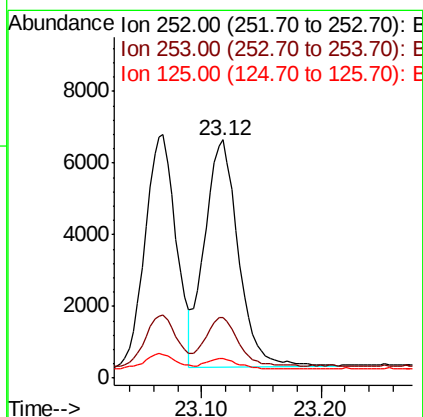
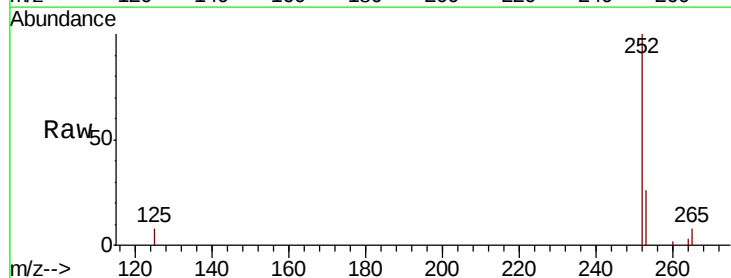
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

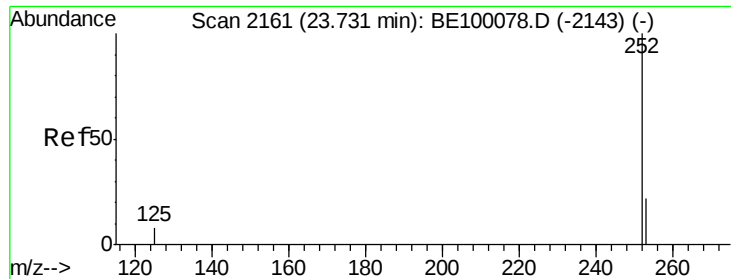
Tot Ion:252 Resp: 11798
Ion Ratio Lower Upper
252 100
253 25.8 18.4 27.6
125 9.5 6.4 9.6



#36
Benzo(k)fluoranthene
Concen: 0.345 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:252 Resp: 12417
Ion Ratio Lower Upper
252 100
253 25.6 18.9 28.3
125 8.3 5.3 7.9#





#37

Benzo(a)pyrene

Concen: 0.373 ng

RT: 23.72 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

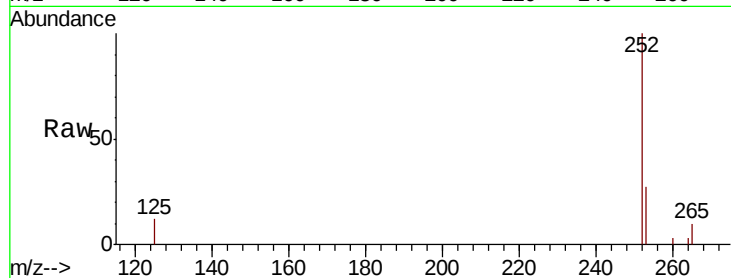
Tot Ion:252 Resp: 11396

Ion Ratio Lower Upper

252 100

253 26.9 19.4 29.2

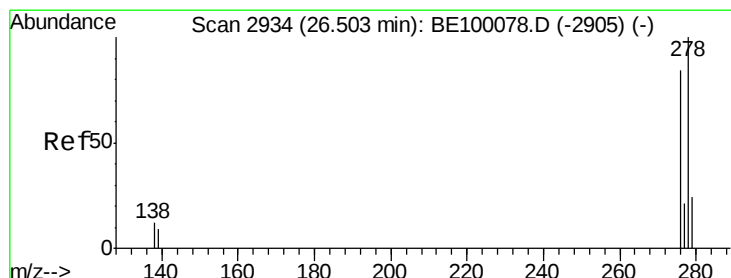
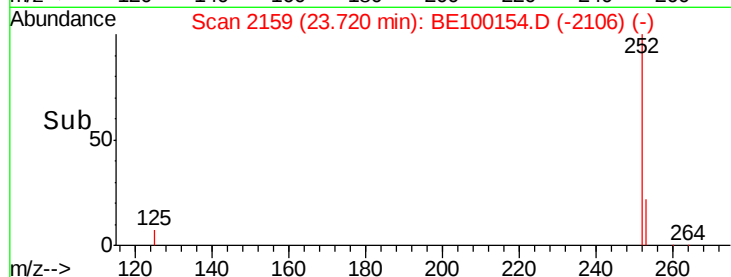
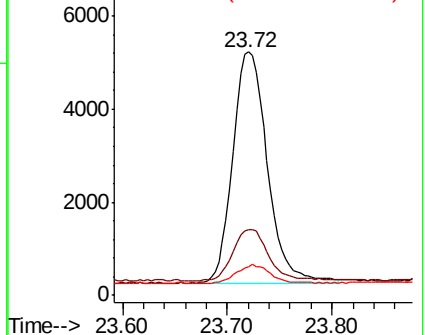
125 11.8 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.358 ng

RT: 26.49 min Scan# 2933

Delta R.T. -0.01 min

Lab File: BE100154.D

Acq: 22 Jun 2019 4:00

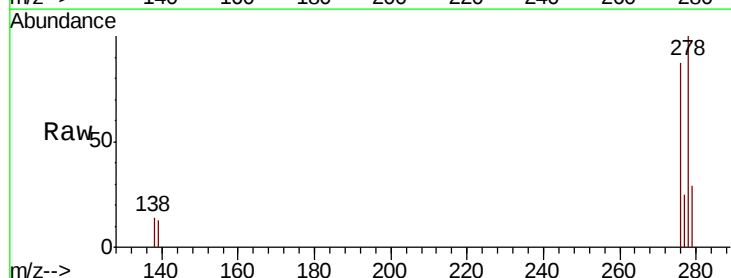
Tgt Ion:278 Resp: 11190

Ion Ratio Lower Upper

278 100

139 12.5 9.0 13.6

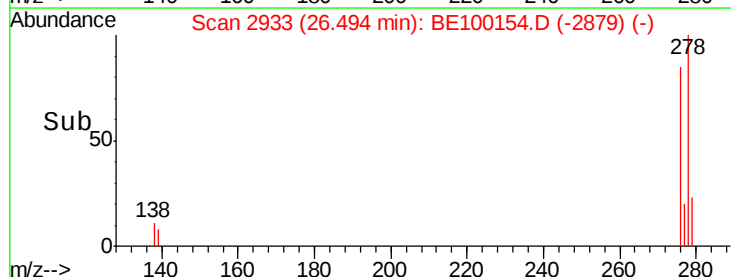
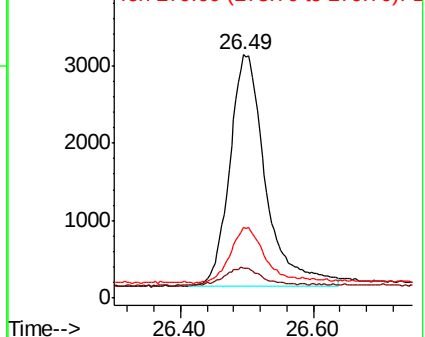
279 28.9 21.4 32.0

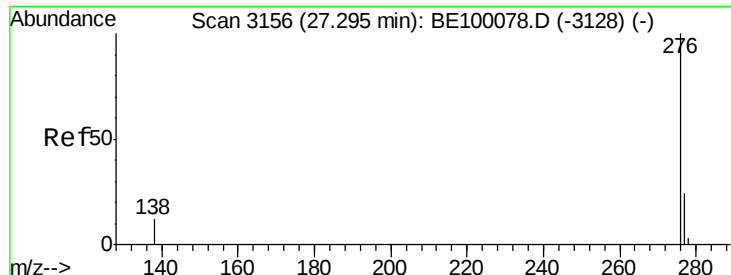


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.354 ng

RT: 27.29 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BE100154.D

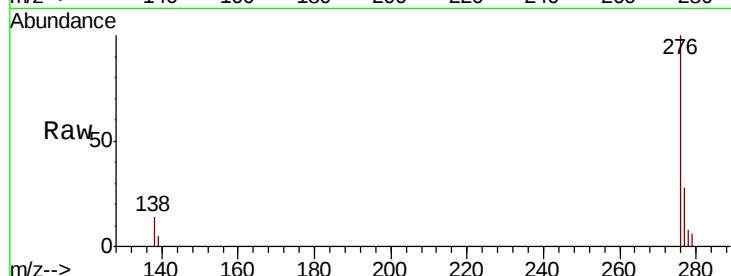
Acq: 22 Jun 2019 4:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



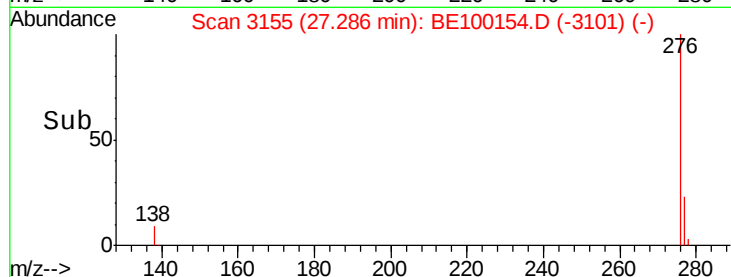
Tot Ion: 276 Resp: 11499

Ion Ratio Lower Upper

276 100

277 27.9 20.3 30.5

138 13.6 11.3 16.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

