

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061719\
 Data File : BE100072.D
 Acq On : 17 Jun 2019 21:48
 Operator : JU/SJ
 Sample : K3315-09DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190610DL

Quant Time: Jun 18 03:41:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 17:23:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	462	0.40	ng	0.02
7) Naphthalene-d8	10.63	136	1547	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	1375	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4229	0.40	ng	0.03
27) Chrysene-d12	21.40	240	6506	0.40	ng	0.01
34) Perylene-d12	23.92	264	7416	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	48	0.04	ng	0.01
5) Phenol-d6	7.00	99	4	0.00	ng	0.03
8) Nitrobenzene-d5	9.11	82	197	0.13	ng	0.14
11) 2-Methylnaphthalene-d10	12.27	152	555	0.20	ng	0.06
14) 2,4,6-Tribromophenol	16.01	330	130	0.15	ng	0.04
15) 2-Fluorobiphenyl	13.13	172	1221	0.23	ng	0.04
25) Fluoranthene-d10	19.25	212	12456	0.21	ng	0.00
29) Terphenyl-d14	19.84	244	3967	0.36	ng	0.00

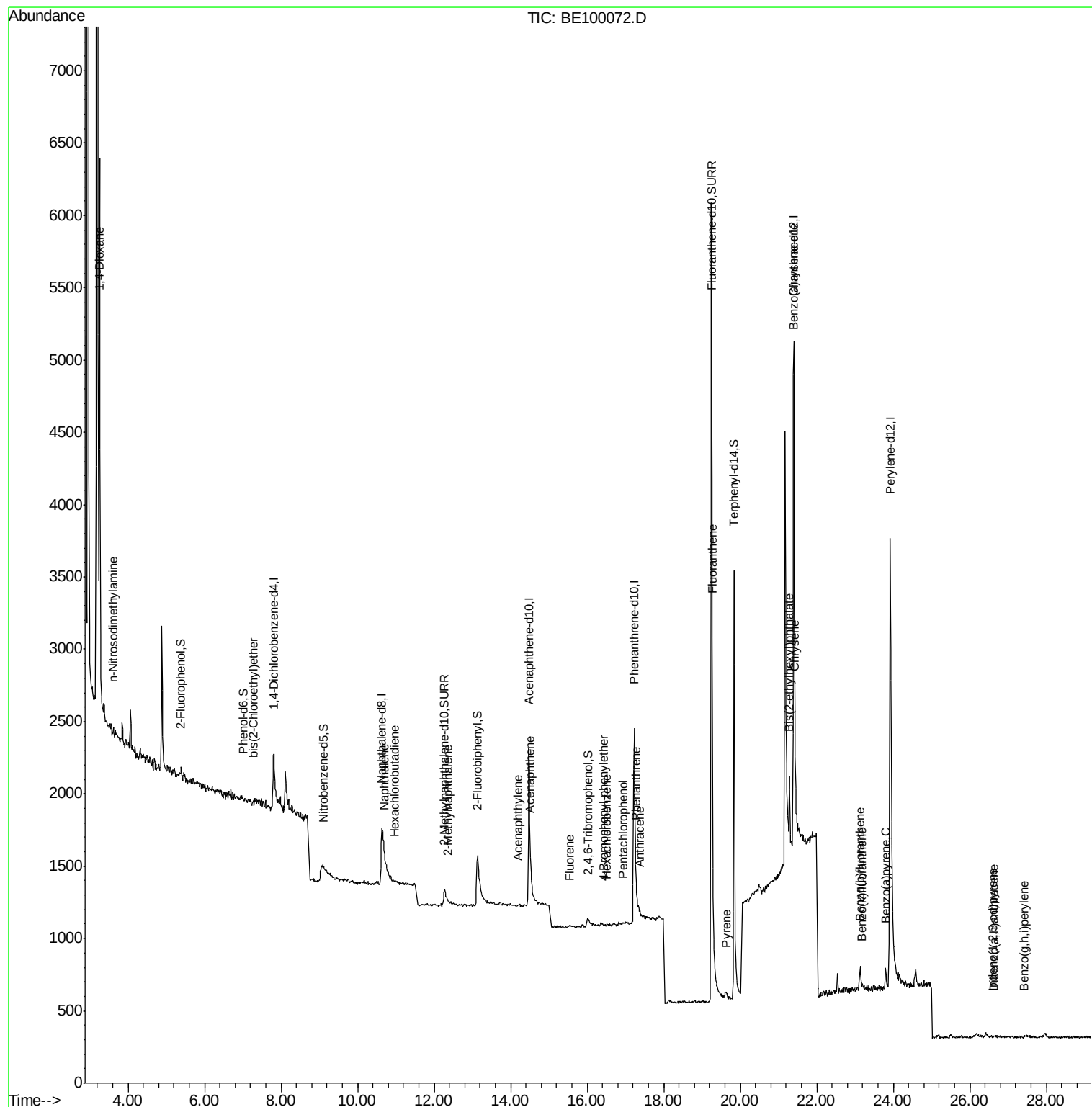
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	2997	3.718	ng	# 92
3) n-Nitrosodimethylamine	3.61	42	12	0.284	ng	# 100
6) bis(2-Chloroethyl)ether	7.26	93	12	0.092	ng	# 74
9) Naphthalene	10.70	128	170	0.010	ng	# 47
10) Hexachlorobutadiene	10.96	225	1	0.001	ng	# 18
12) 2-Methylnaphthalene	12.35	142	20	0.007	ng	# 70
16) Acenaphthylene	14.20	152	16	0.002	ng	# 60
17) Acenaphthene	14.51	154	7	0.002	ng	# 41
18) Fluorene	15.54	166	10	0.002	ng	# 25
20) 4-Bromophenyl-phenylether	16.43	248	6	0.002	ng	# 61
21) Hexachlorobenzene	16.51	284	7	0.003	ng	# 46
22) Pentachlorophenol	16.93	266	9	0.092	ng	# 87
23) Phenanthrene	17.27	178	53	0.005	ng	# 95
24) Anthracene	17.36	178	14	0.002	ng	# 48
26) Fluoranthene	19.27	202	38	0.002	ng	# 67
28) Pyrene	19.64	202	41	0.003	ng	# 91
30) Benzo(a)anthracene	21.39	228	54	0.003	ng	# 1
31) Chrysene	21.43	228	44	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.28	149	800	0.031	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.60	276	1	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.13	252	24	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.19	252	3	0.000	ng	# 1
37) Benzo(a)pyrene	23.80	252	22	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.62	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.43	276	4	0.000	ng	# 1

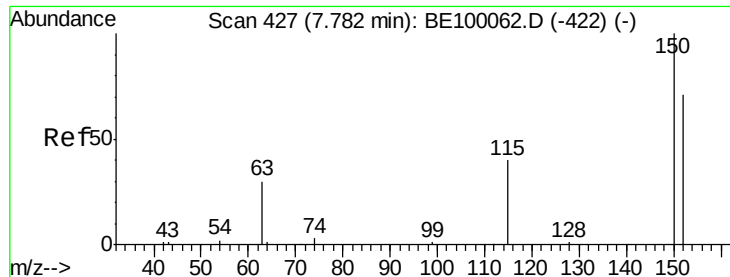
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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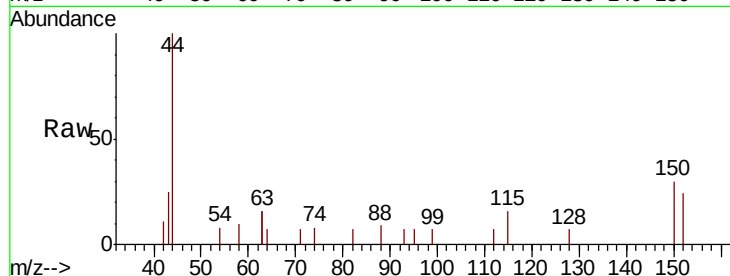


#1

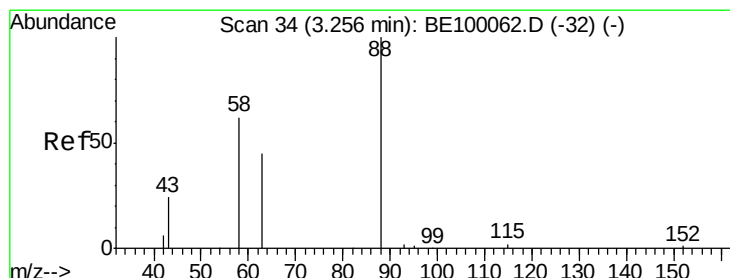
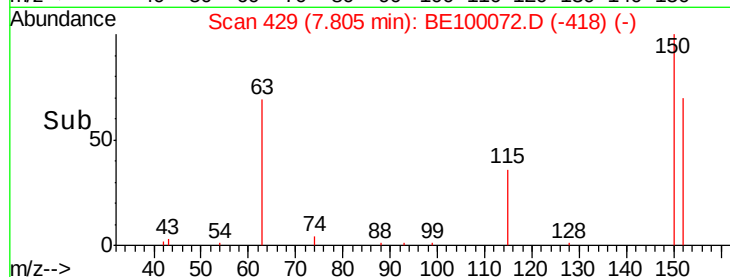
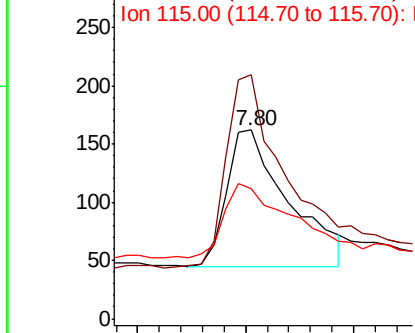
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

Tgt Ion: 152 Resp: 462
Ion Ratio Lower Upper
152 100
150 129.0 109.5 164.3
115 69.1 52.6 78.8



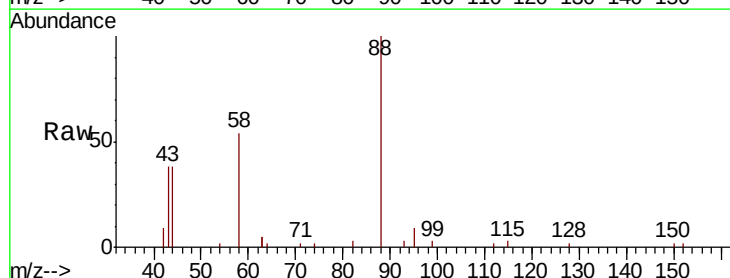
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



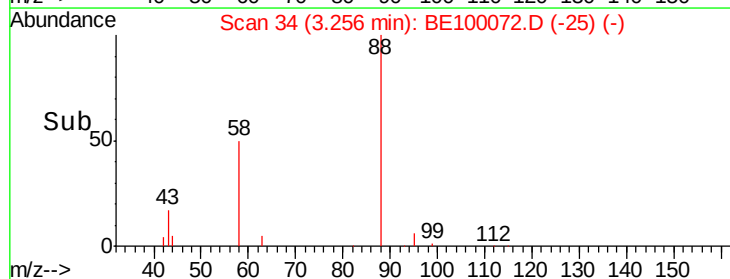
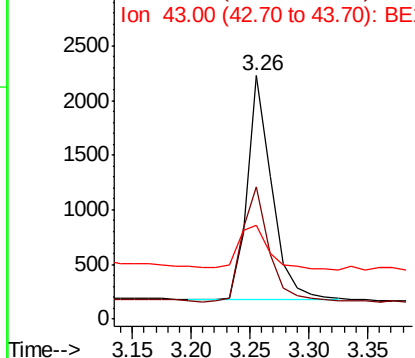
#2

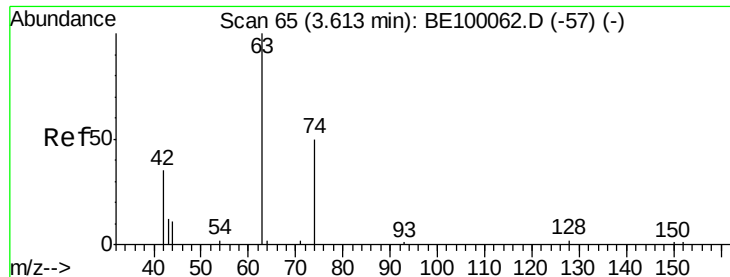
1,4-Dioxane
Concen: 3.718 ng
RT: 3.26 min Scan# 34
Delta R.T. -0.00 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion: 88 Resp: 2997
Ion Ratio Lower Upper
88 100
58 57.0 41.9 62.9
43 25.5 15.8 23.8#



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: 0.284 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

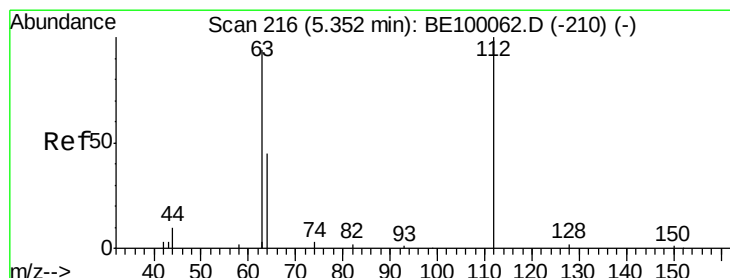
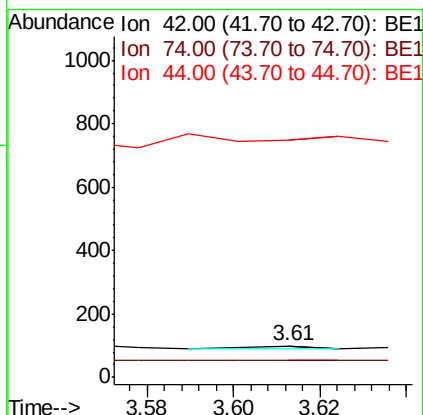
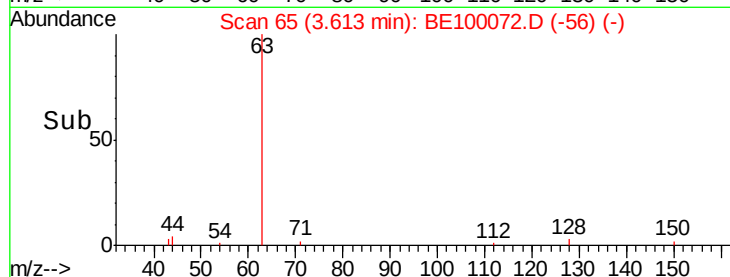
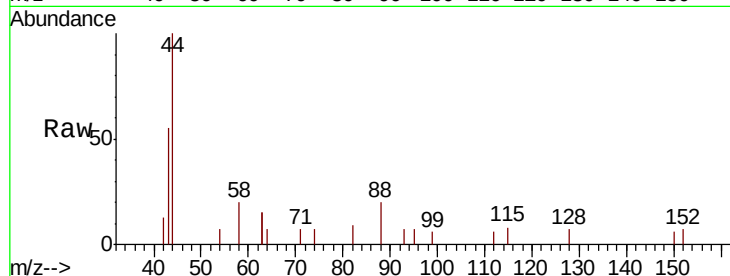
Tgt Ion: 42 Resp: 12

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

44 0.0 0.0 0.0



#4

2-Fluorophenol

Concen: 0.038 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

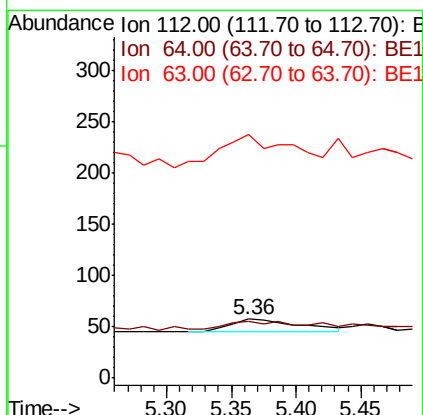
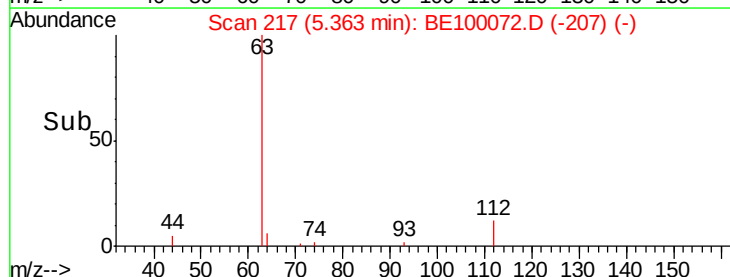
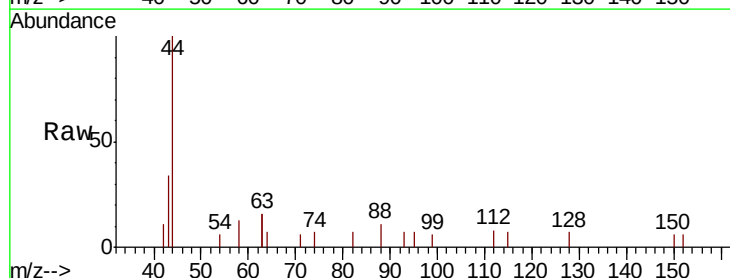
Tgt Ion: 112 Resp: 48

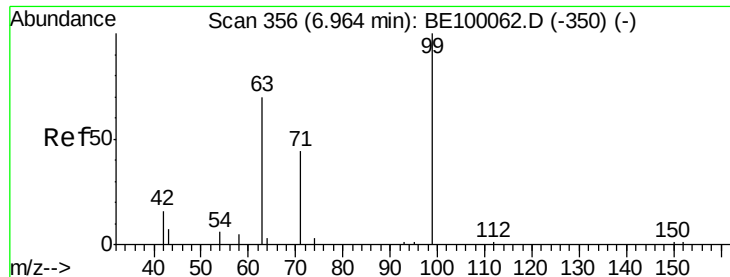
Ion Ratio Lower Upper

112 100

64 52.1 39.6 59.4

63 247.9 113.0 169.4#





#5

Phenol-d6

Concen: 0.003 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

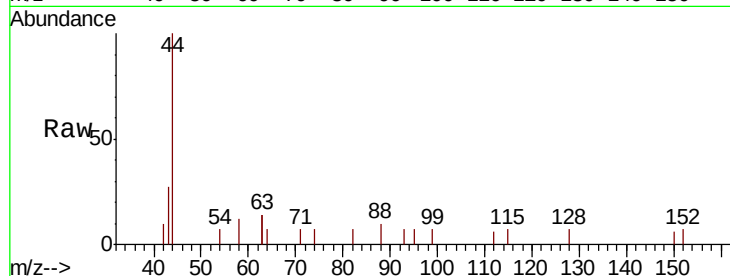
Tgt Ion: 99 Resp: 4

Ion Ratio Lower Upper

99 100

42 125.0 11.4 17.2#

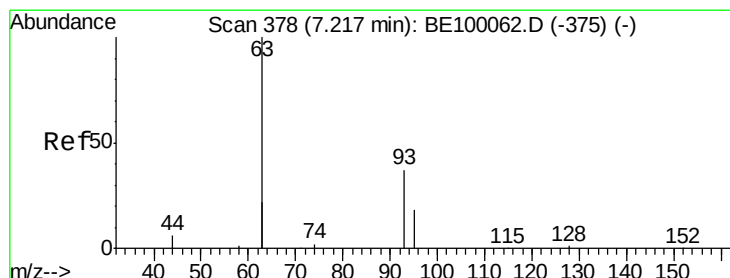
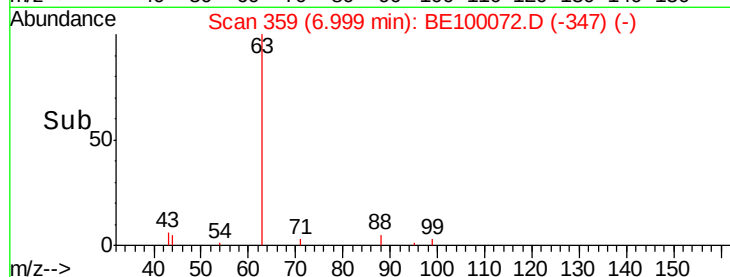
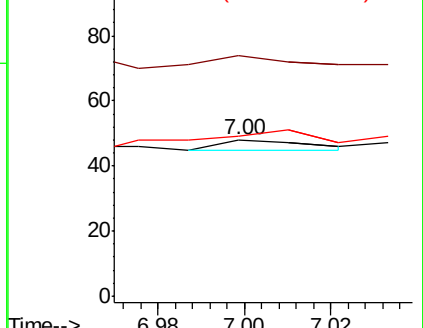
71 200.0 32.8 49.2#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.092 ng

RT: 7.26 min Scan# 382

Delta R.T. 0.05 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

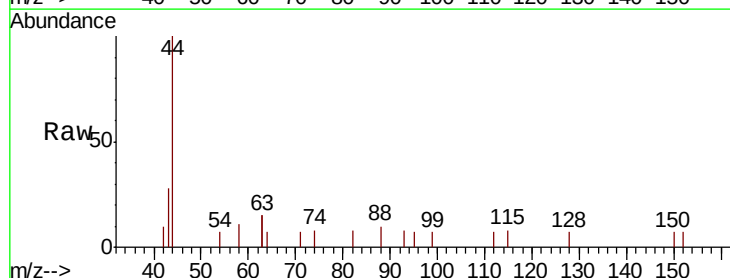
Tgt Ion: 93 Resp: 12

Ion Ratio Lower Upper

93 100

63 175.0 165.0 247.6

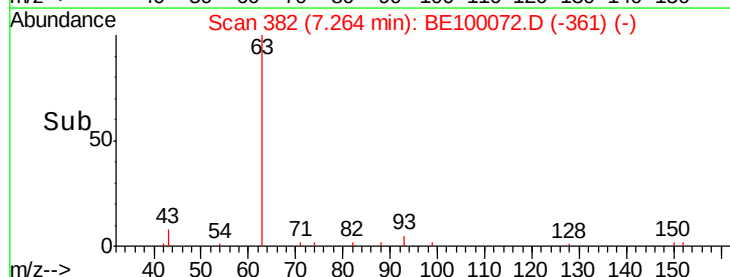
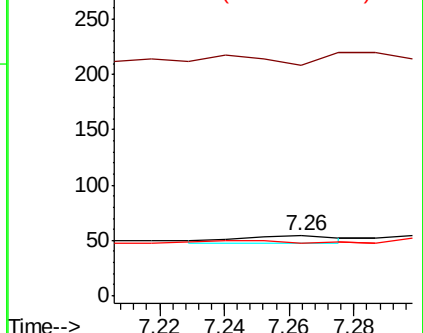
95 0.0 27.0 40.6#

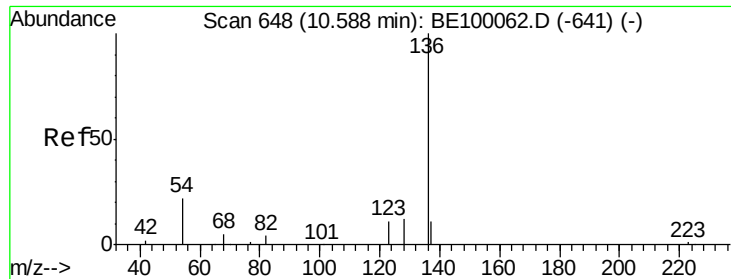


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

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TT101D1-20190610DL

Tgt Ion:136 Resp: 1547

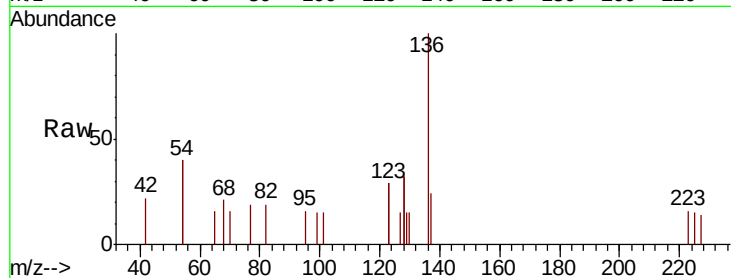
Ion Ratio Lower Upper

136 100

137 24.0 12.6 19.0#

54 79.9 33.0 49.6#

68 21.4 8.6 12.8#

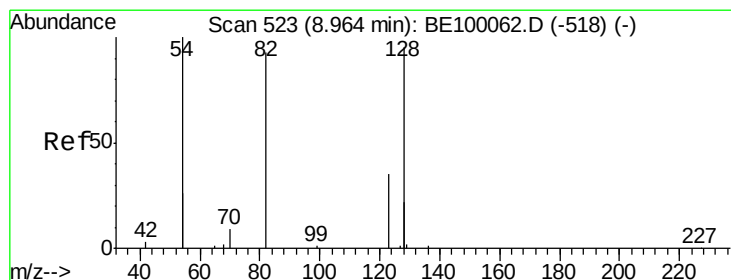
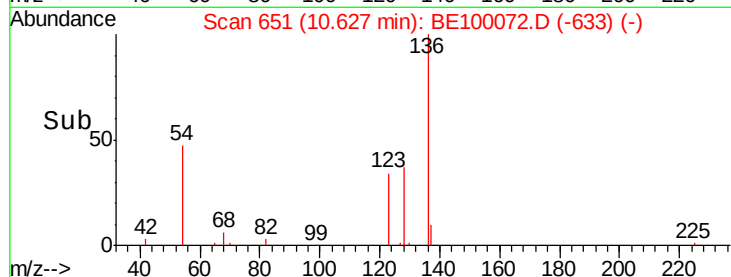
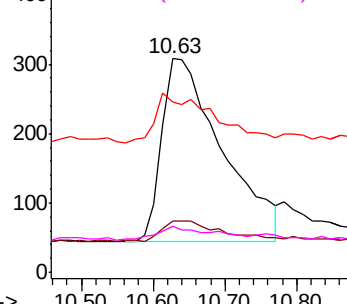


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.129 ng

RT: 9.11 min Scan# 534

Delta R.T. 0.14 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

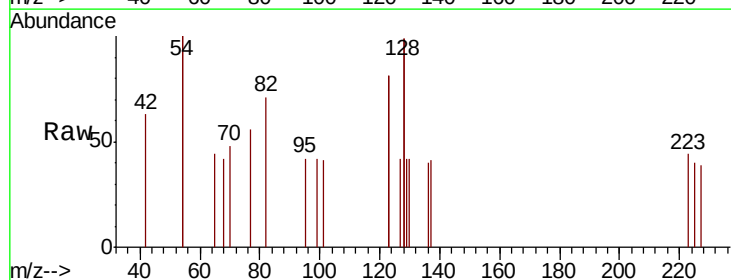
Tgt Ion: 82 Resp: 197

Ion Ratio Lower Upper

82 100

128 281.0 134.6 201.8#

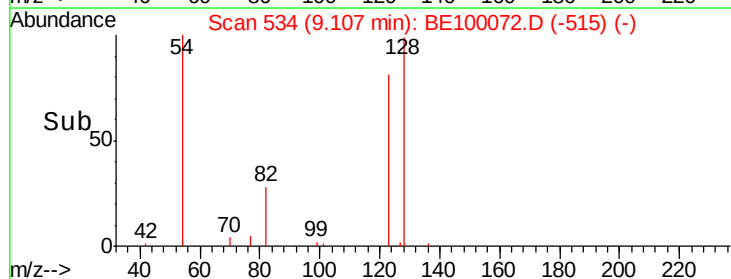
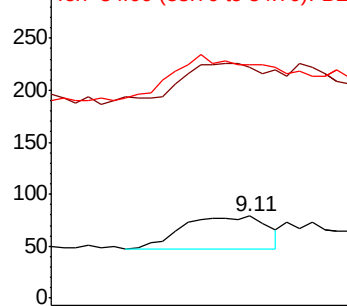
54 283.5 141.6 212.4#

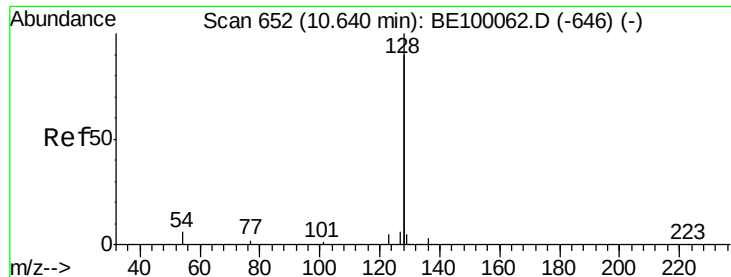


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.010 ng

RT: 10.70 min Scan# 657

Delta R.T. 0.06 min

Lab File: BE100072.D

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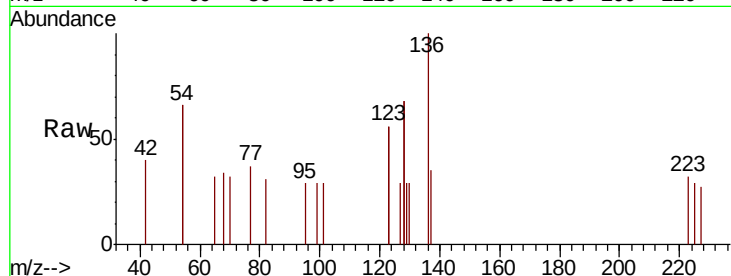
Tgt Ion:128 Resp: 170

Ion Ratio Lower Upper

128 100

129 21.6 3.0 4.4#

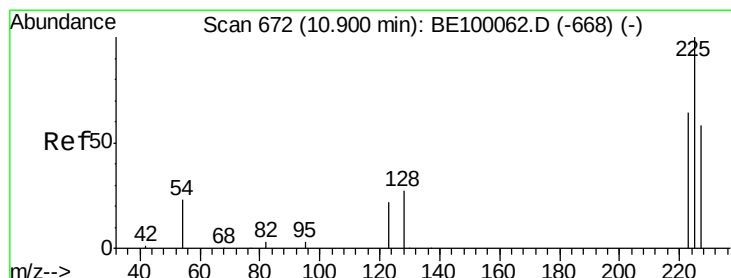
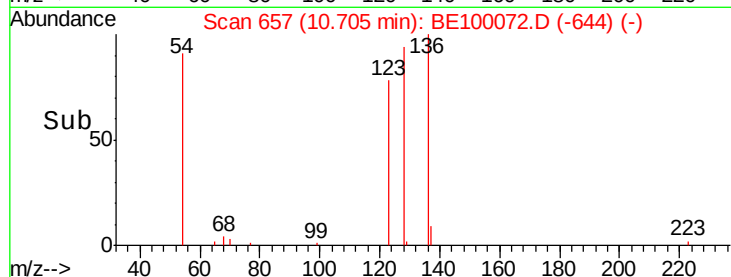
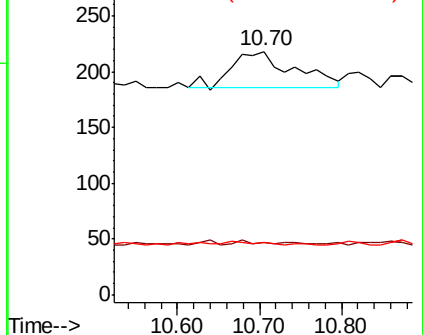
127 21.6 3.4 5.0#



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: 0.001 ng

RT: 10.96 min Scan# 677

Delta R.T. 0.06 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

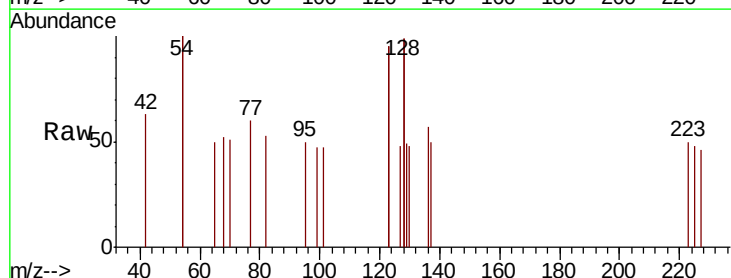
Tgt Ion:225 Resp: 1

Ion Ratio Lower Upper

225 100

223 0.0 50.3 75.5#

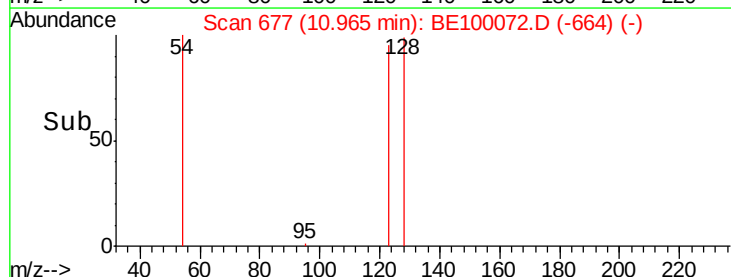
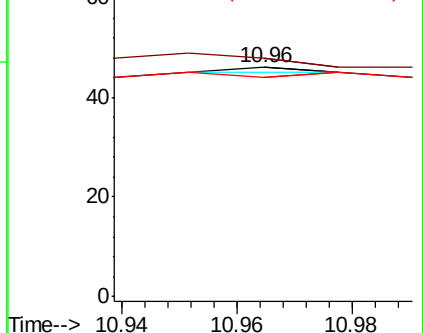
227 0.0 51.4 77.2#

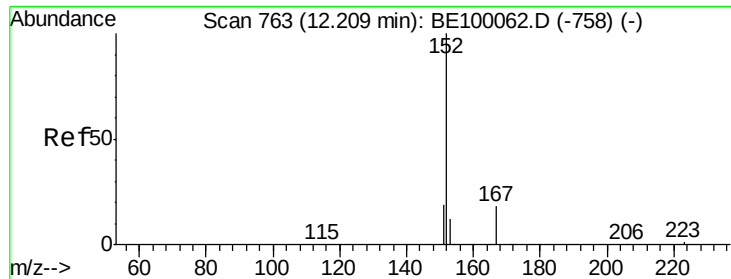


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

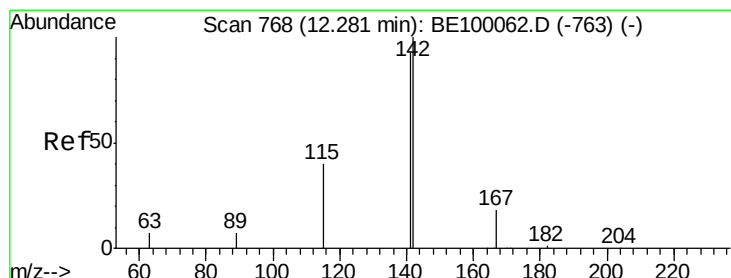
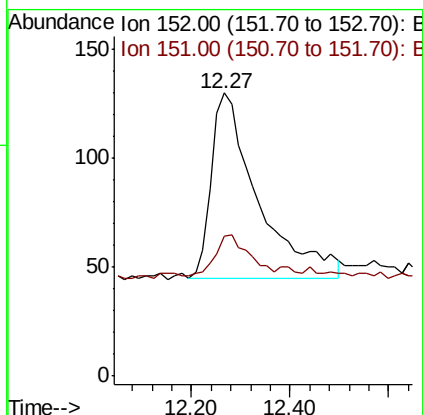
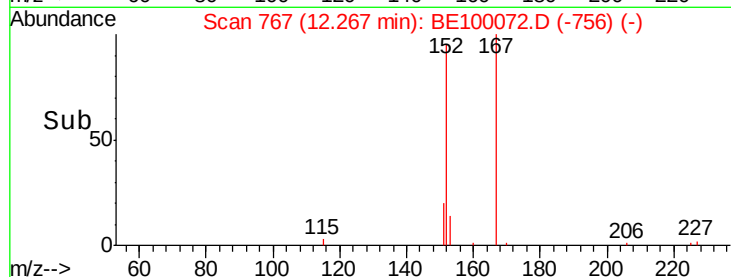
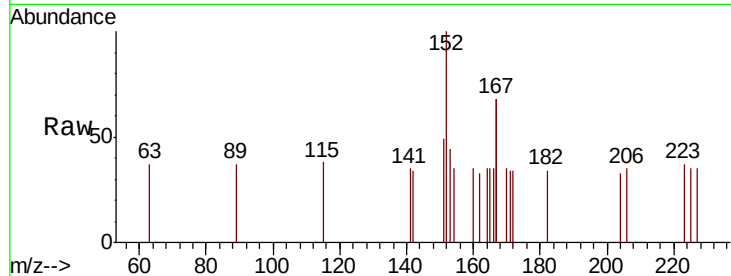




#11
 2-Methylnaphthalene-d10
 Concen: 0.199 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.06 min
 Lab File: BE100072.D
 Acq: 17 Jun 2019 21:48

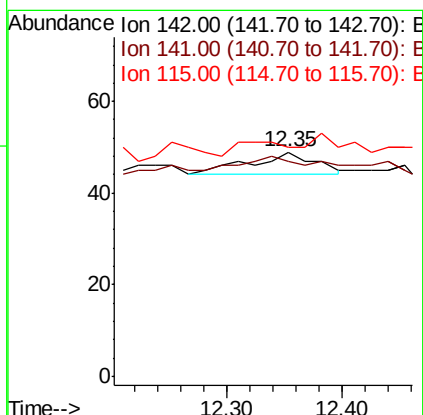
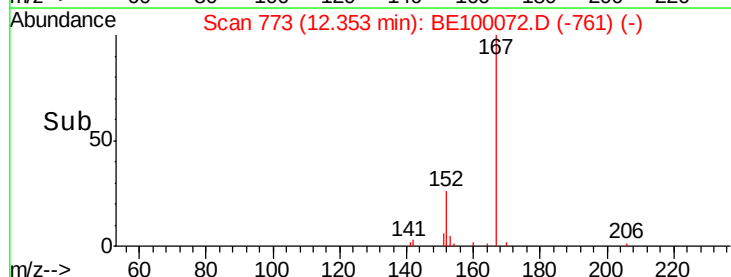
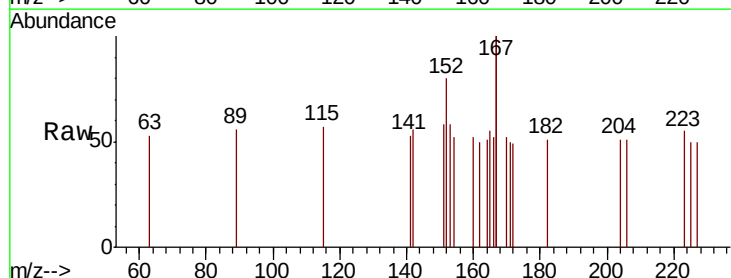
Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190610DL

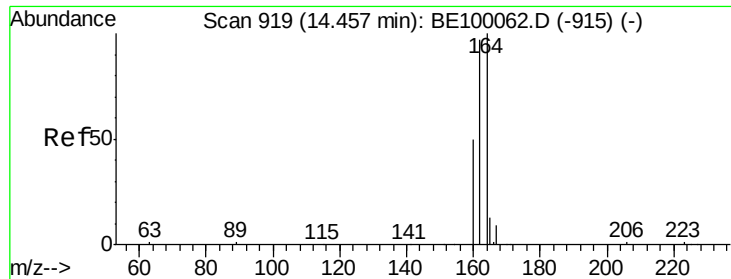
Tgt Ion:152 Resp: 555
 Ion Ratio Lower Upper
 152 100
 151 15.9 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.007 ng
 RT: 12.35 min Scan# 773
 Delta R.T. 0.07 min
 Lab File: BE100072.D
 Acq: 17 Jun 2019 21:48

Tgt Ion:142 Resp: 20
 Ion Ratio Lower Upper
 142 100
 141 95.9 74.2 111.4
 115 102.0 36.5 54.7#

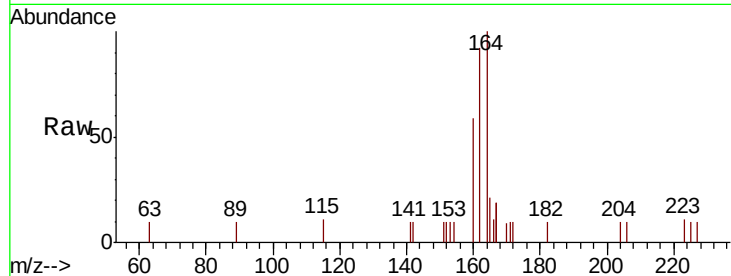




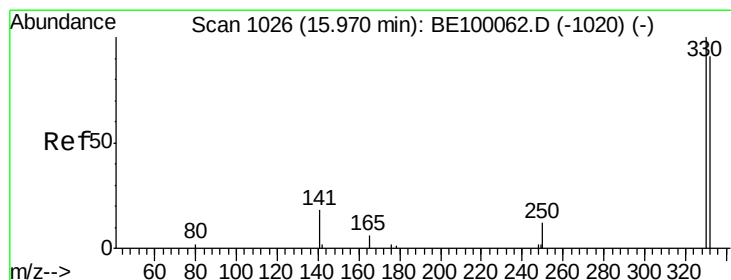
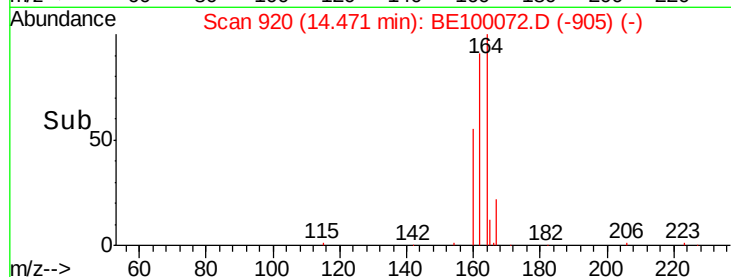
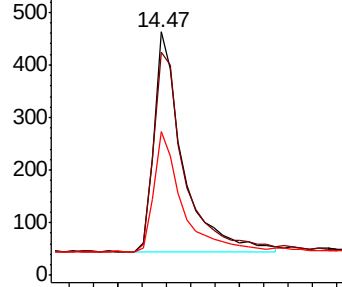
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE100072.D
 Acq: 17 Jun 2019 21:48

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190610DL

Tgt Ion:164 Resp: 1375
 Ion Ratio Lower Upper
 164 100
 162 91.8 77.6 116.4
 160 59.0 41.7 62.5

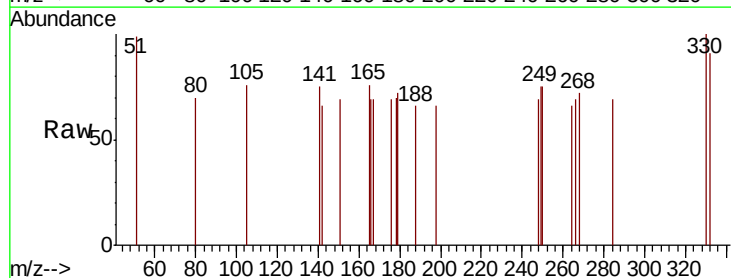


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

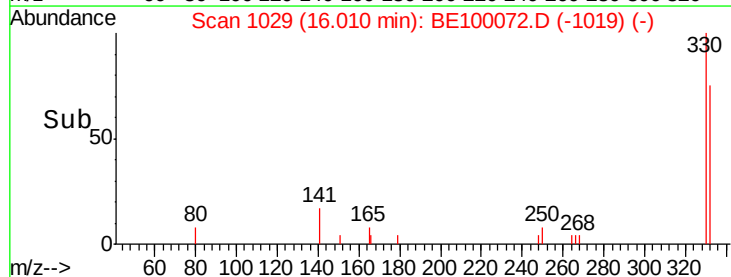
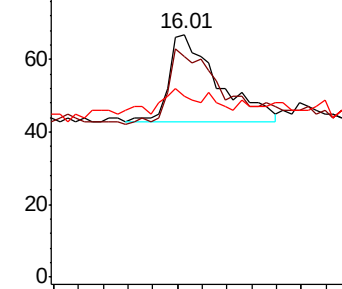


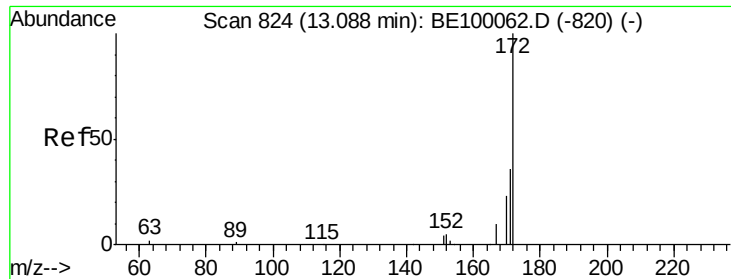
#14
 2,4,6-Tribromophenol
 Concen: 0.154 ng
 RT: 16.01 min Scan# 1029
 Delta R.T. 0.04 min
 Lab File: BE100072.D
 Acq: 17 Jun 2019 21:48

Tgt Ion:330 Resp: 130
 Ion Ratio Lower Upper
 330 100
 332 92.3 74.7 112.1
 141 16.9 20.3 30.5#



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

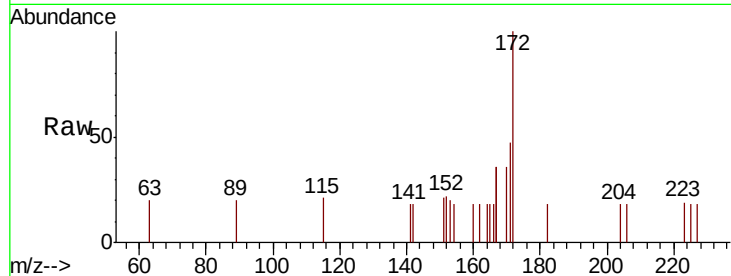




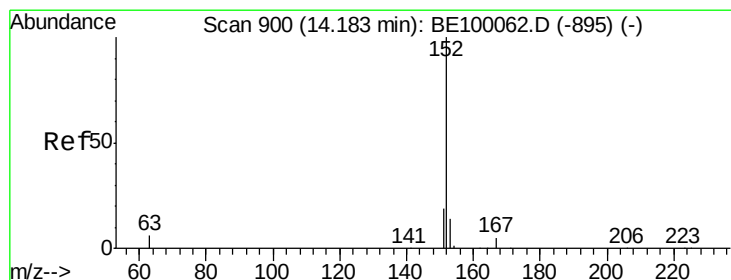
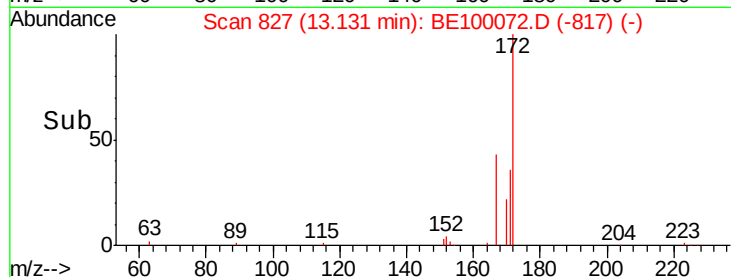
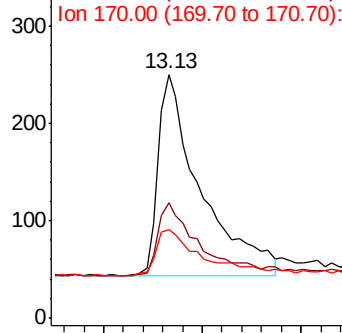
#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.04 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

Tgt Ion:172 Resp: 1221
Ion Ratio Lower Upper
172 100
171 47.2 31.0 46.6#
170 36.4 21.3 31.9#

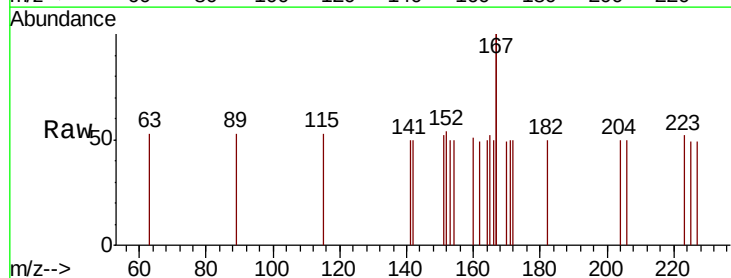


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

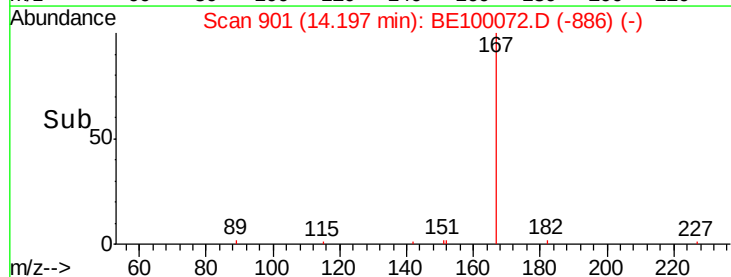
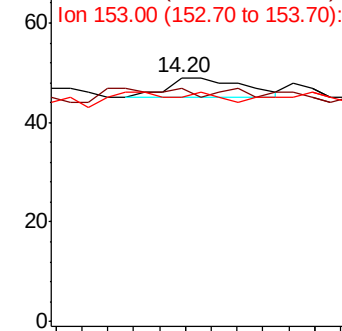


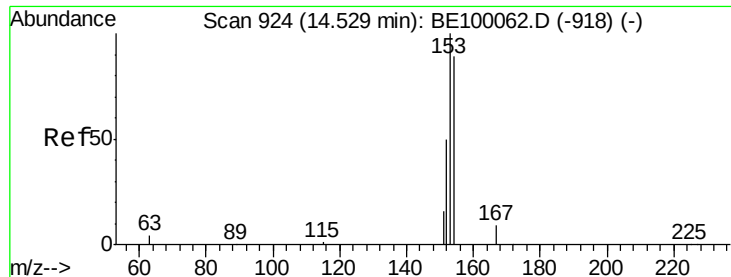
#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.01 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion:152 Resp: 16
Ion Ratio Lower Upper
152 100
151 0.0 16.1 24.1#
153 0.0 11.1 16.7#



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

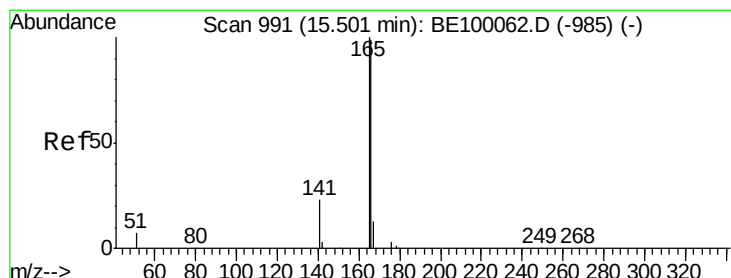
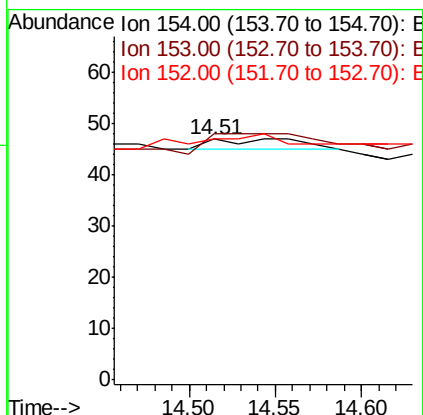
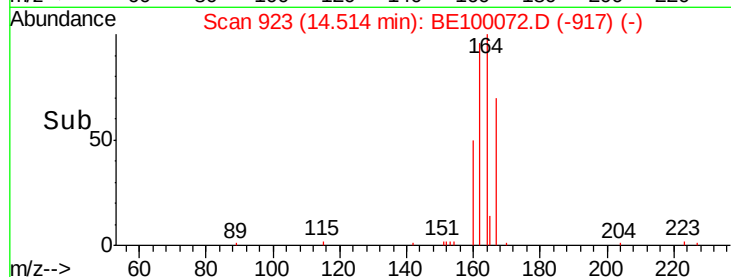
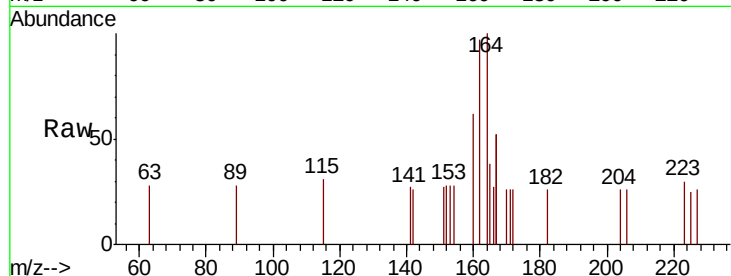




#17
Acenaphthene
Concen: 0.002 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

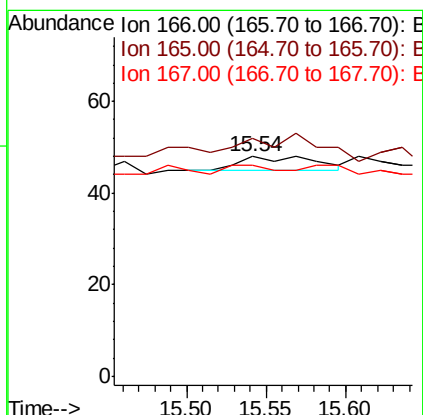
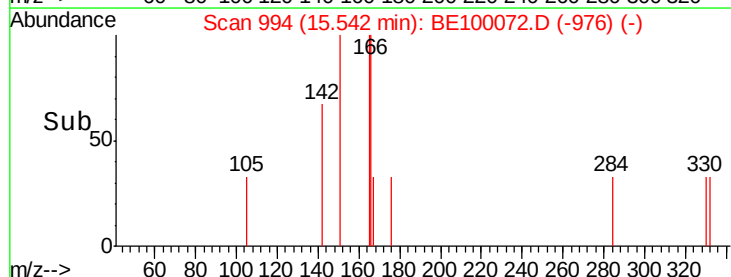
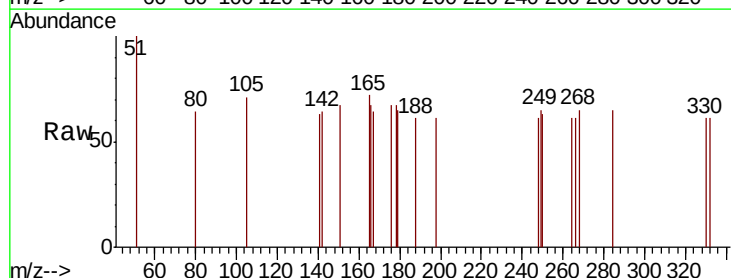
Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

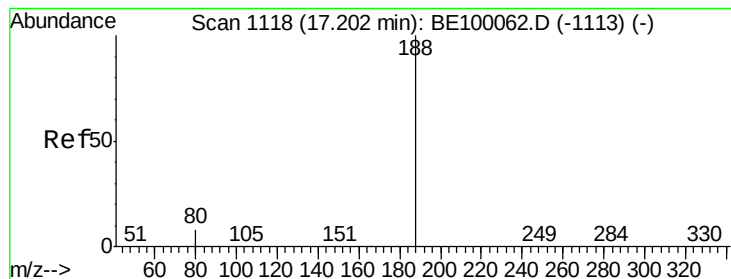
Tgt Ion:154 Resp: 7
Ion Ratio Lower Upper
154 100
153 171.4 94.3 141.5#
152 0.0 49.0 73.6#



#18
Fluorene
Concen: 0.002 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.04 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion:166 Resp: 10
Ion Ratio Lower Upper
166 100
165 180.0 82.3 123.5#
167 40.0 11.0 16.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.03 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

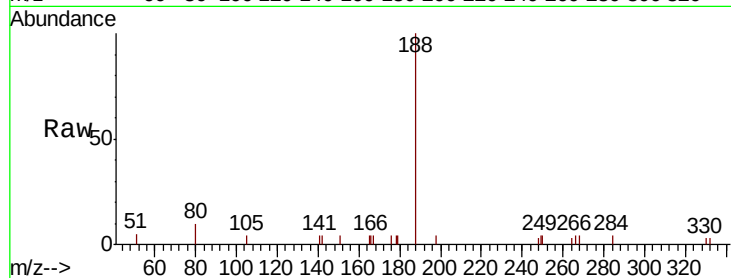
Tgt Ion:188 Resp: 4229

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

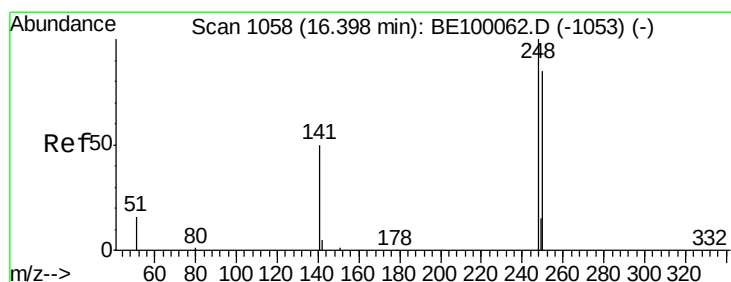
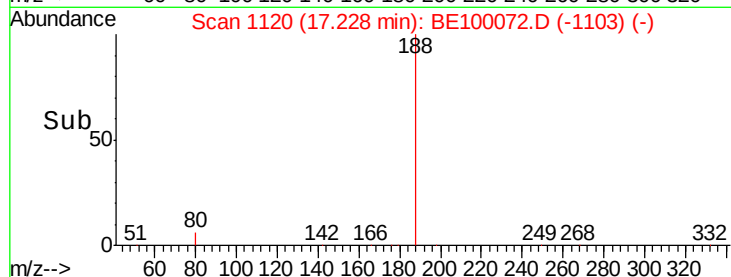
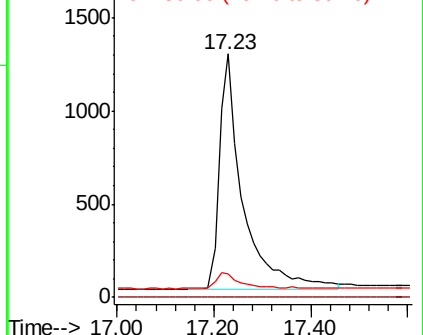
80 9.6 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.03 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

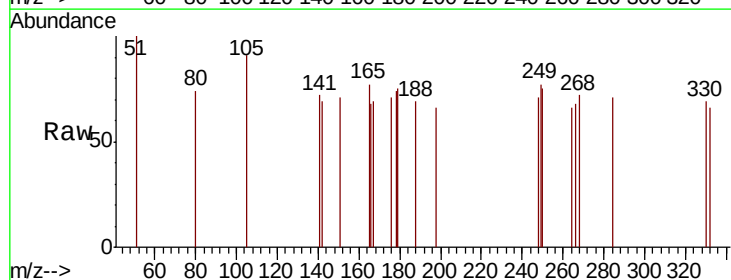
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 106.5 69.8 104.8#

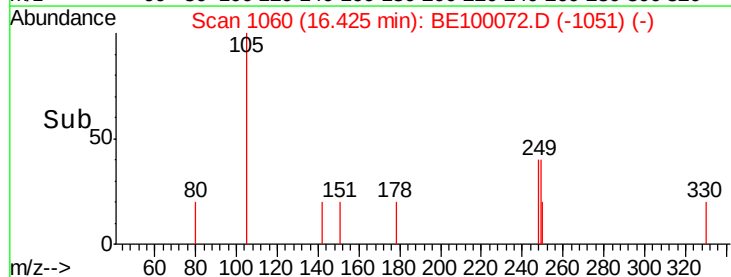
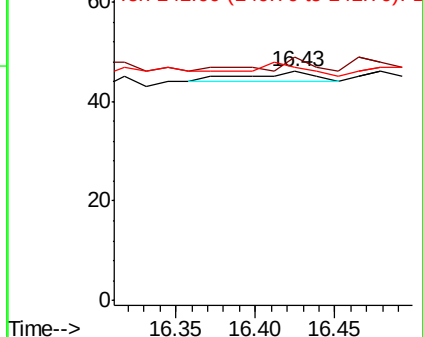
141 102.2 43.0 64.6#

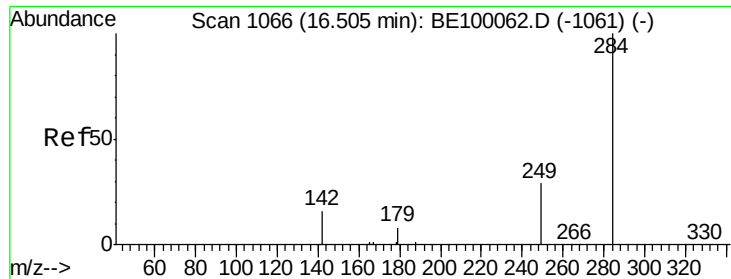


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

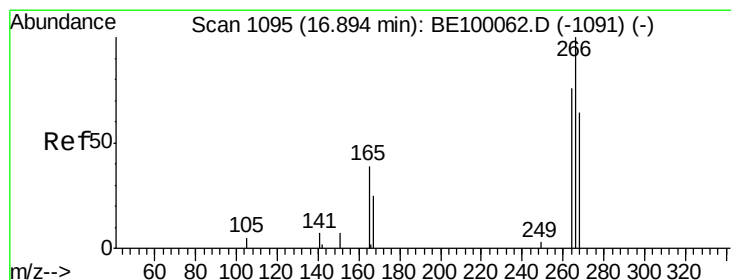
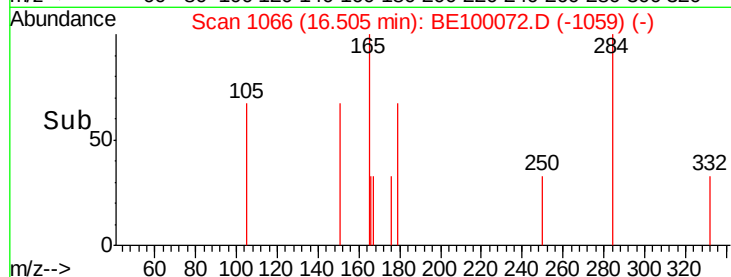
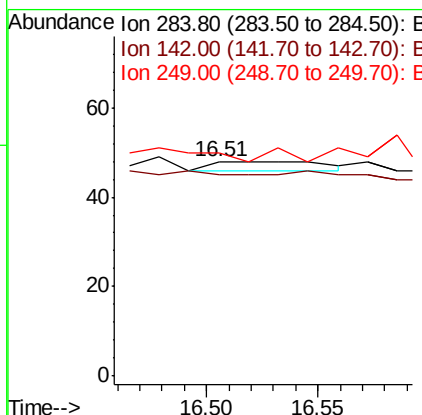
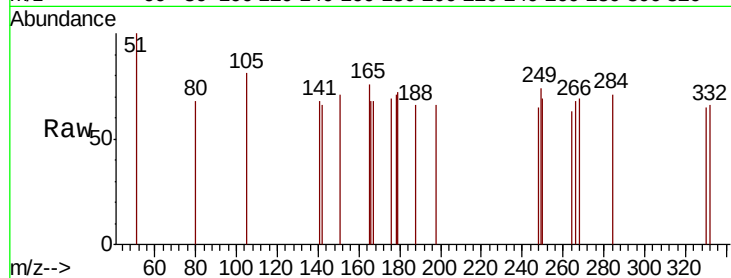




#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

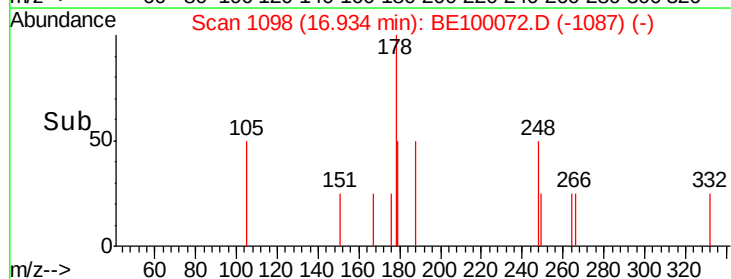
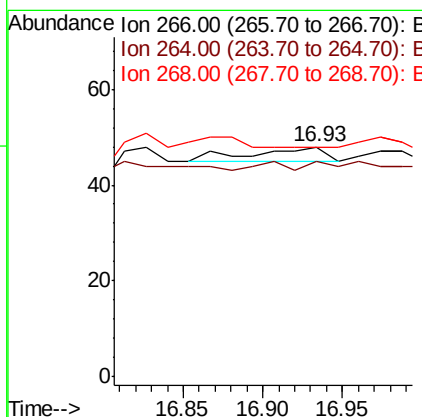
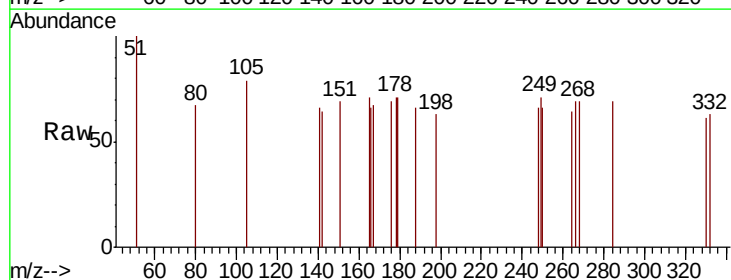
Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

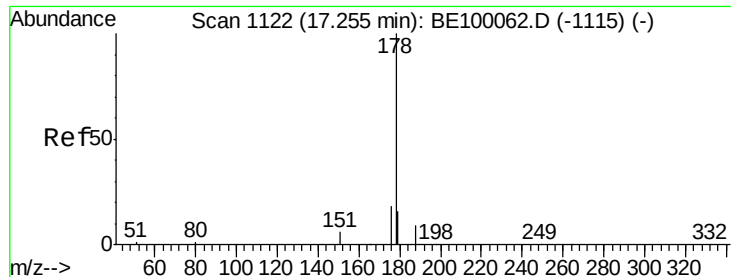
Tgt Ion: 284 Resp: 7
Ion Ratio Lower Upper
284 100
142 0.0 20.4 30.6#
249 0.0 25.3 37.9#



#22
Pentachlorophenol
Concen: 0.092 ng
RT: 16.93 min Scan# 1098
Delta R.T. 0.04 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion: 266 Resp: 9
Ion Ratio Lower Upper
266 100
264 93.8 68.6 102.8
268 100.0 67.0 100.6





#23

Phenanthrene

Concen: 0.005 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

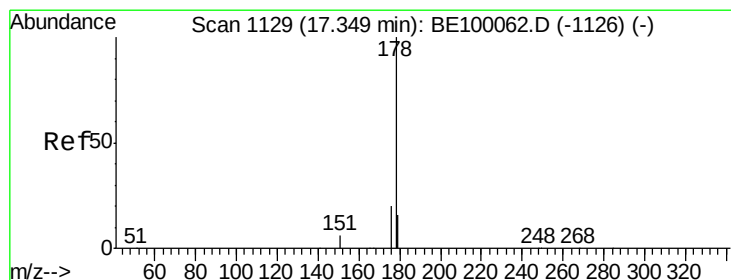
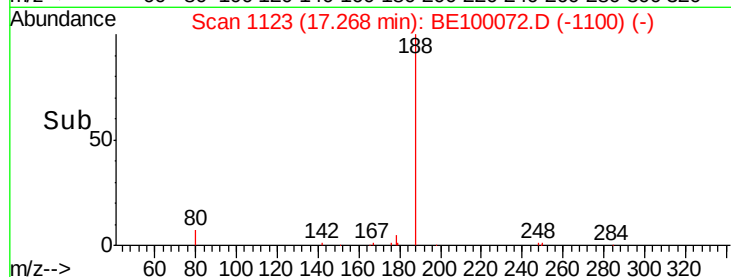
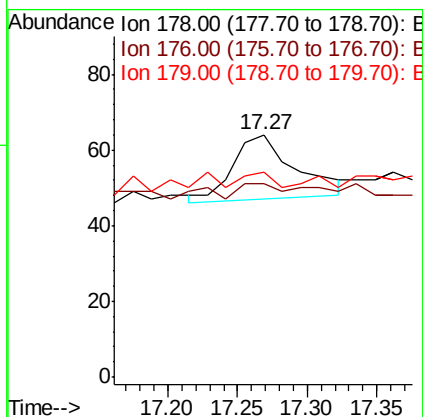
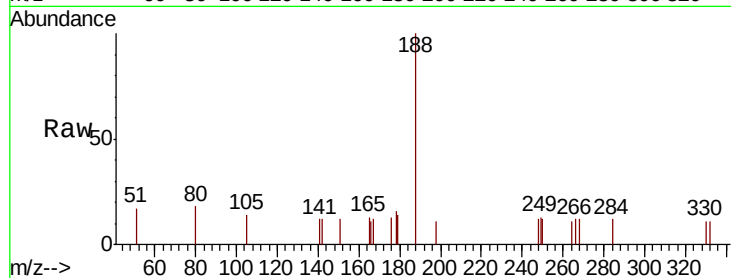
Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

Tgt Ion:	178	Resp:	53
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	11.3	12.4	18.6#



#24

Anthracene

Concen: 0.002 ng

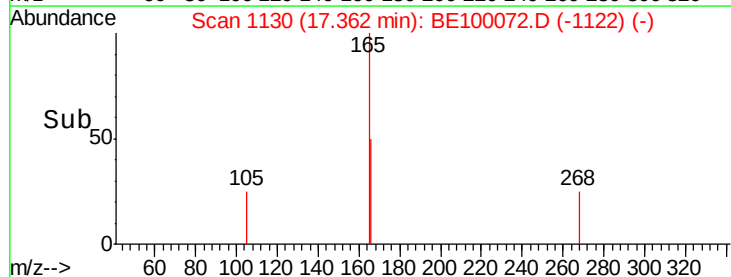
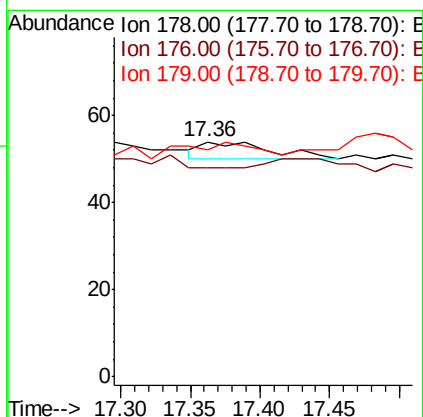
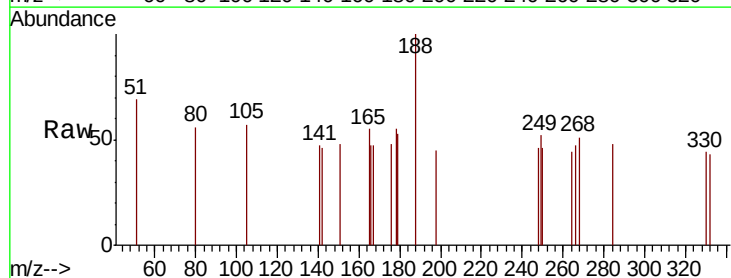
RT: 17.36 min Scan# 1130

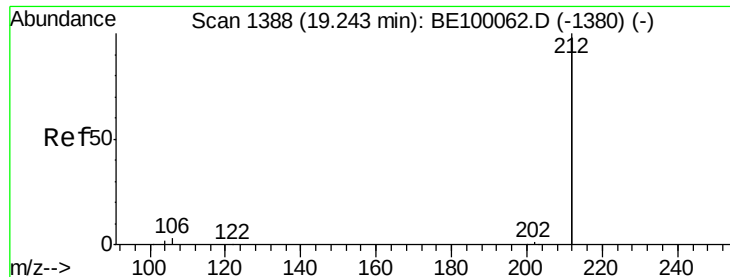
Delta R.T. 0.01 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Tgt Ion:	178	Resp:	14
Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.7	22.1#
179	42.9	12.6	18.8#

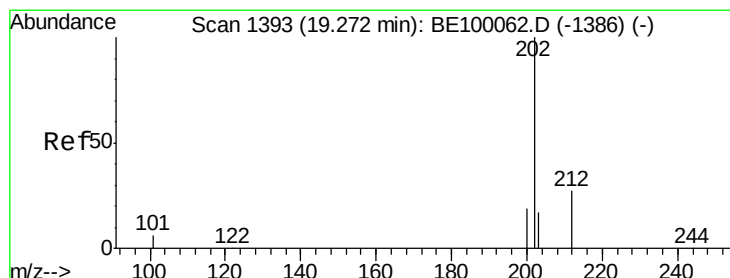
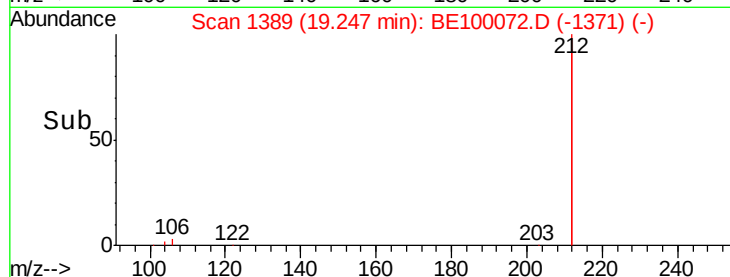
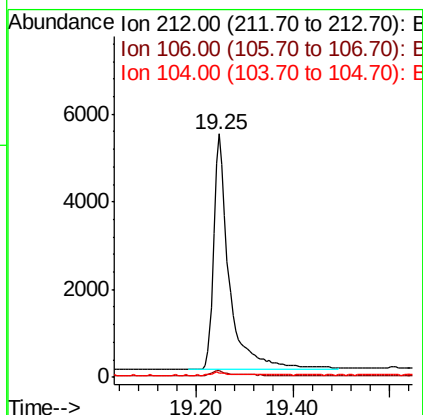
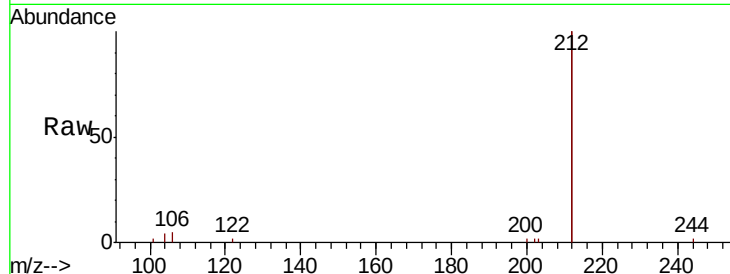




#25
 Fluoranthene-d10
 Concen: 0.209 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE100072.D
 Acq: 17 Jun 2019 21:48

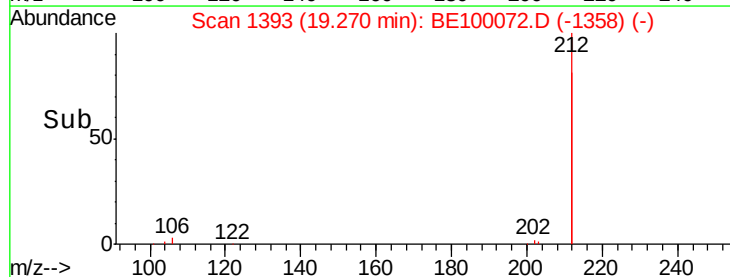
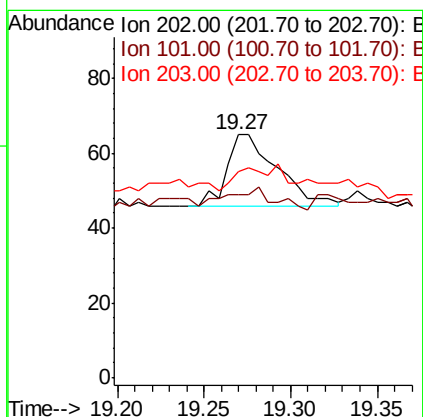
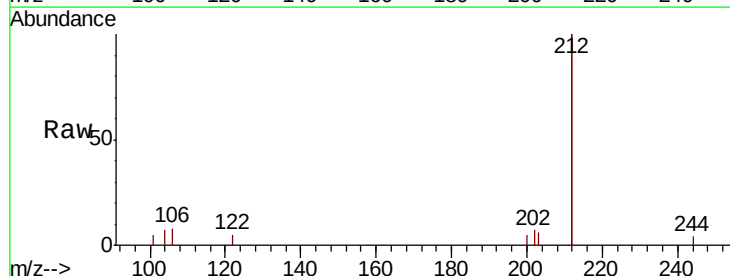
Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190610DL

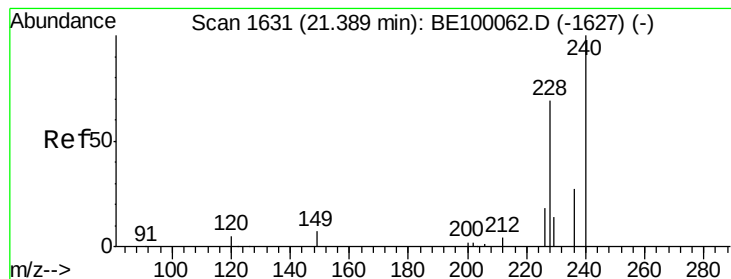
Tgt Ion: 212 Resp: 12456
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.0 0.9 1.3



#26
 Fluoranthene
 Concen: 0.002 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BE100072.D
 Acq: 17 Jun 2019 21:48

Tgt Ion: 202 Resp: 38
 Ion Ratio Lower Upper
 202 100
 101 0.0 5.3 7.9#
 203 0.0 13.3 19.9#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

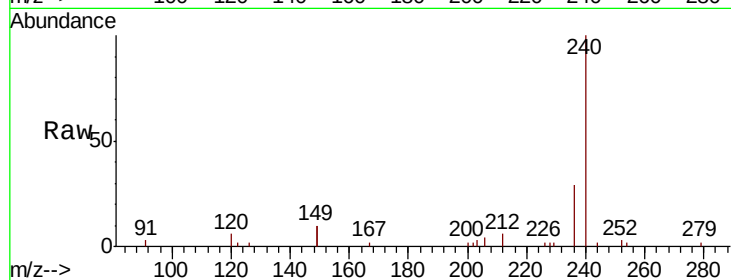
Tgt Ion:240 Resp: 6506

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.0

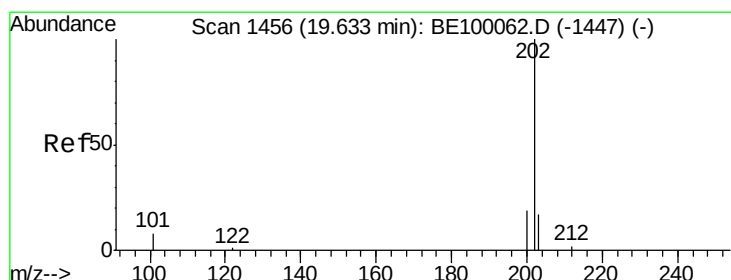
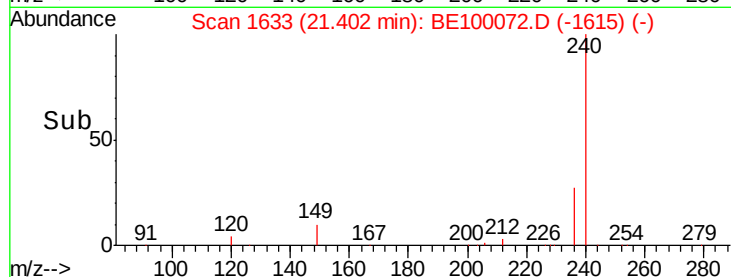
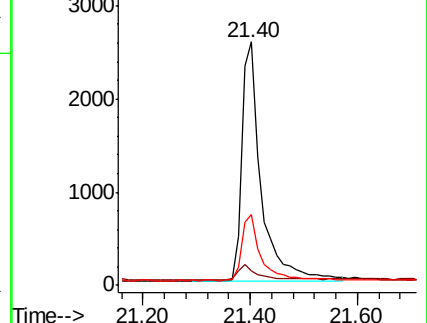
236 28.9 22.6 33.8



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: 0.003 ng

RT: 19.64 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

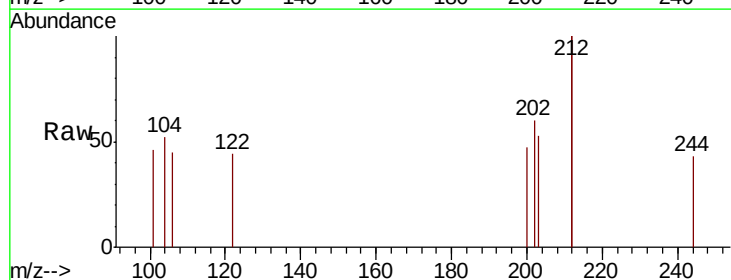
Tgt Ion:202 Resp: 41

Ion Ratio Lower Upper

202 100

200 22.0 15.6 23.4

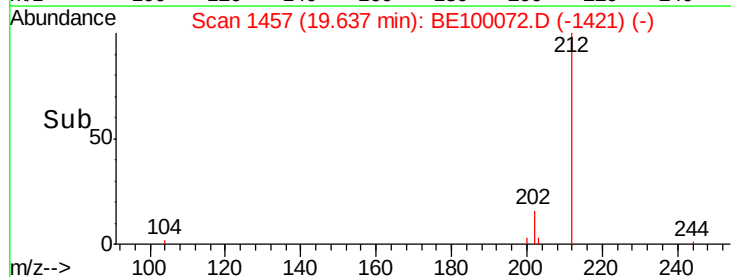
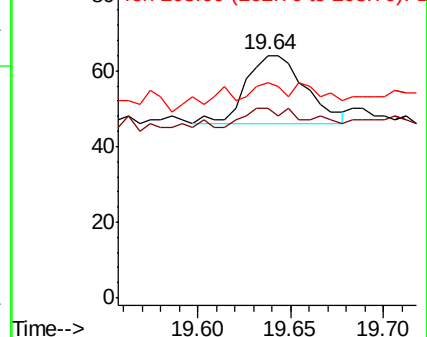
203 12.2 14.0 21.0#

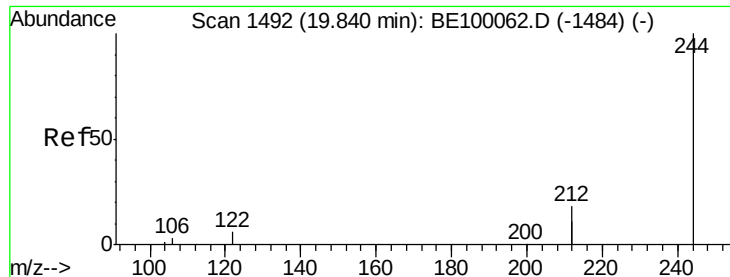


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.362 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

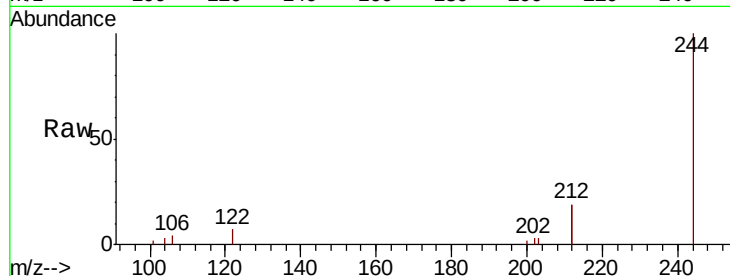
Tgt Ion:244 Resp: 3967

Ion Ratio Lower Upper

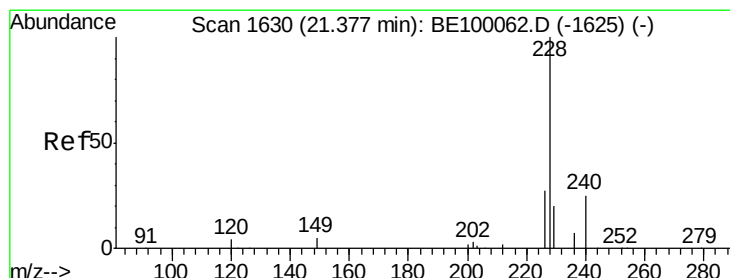
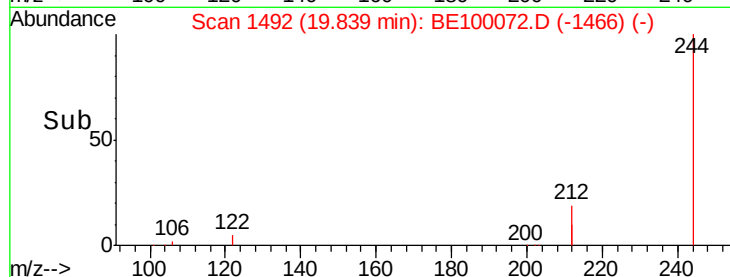
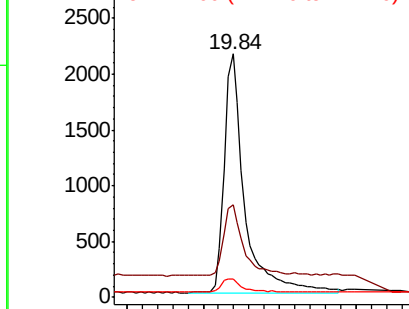
244 100

212 38.0 27.9 41.9

122 7.4 5.8 8.6



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



#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

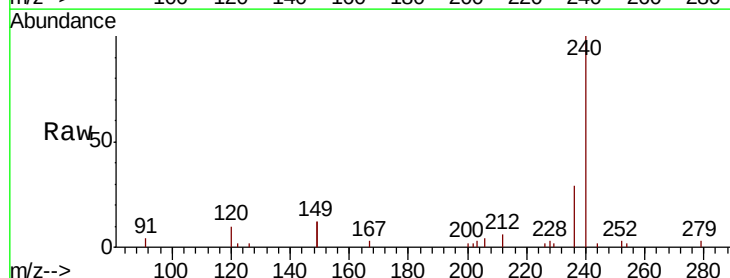
Tgt Ion:228 Resp: 54

Ion Ratio Lower Upper

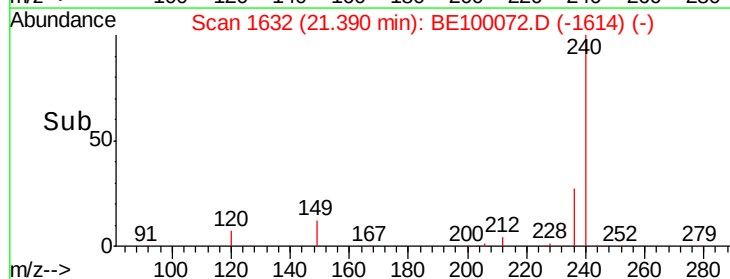
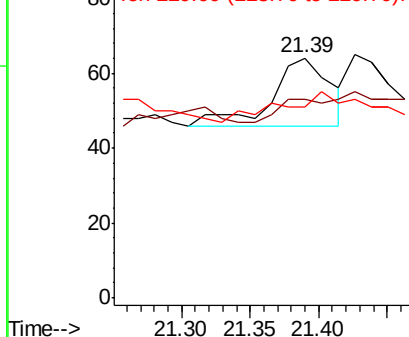
228 100

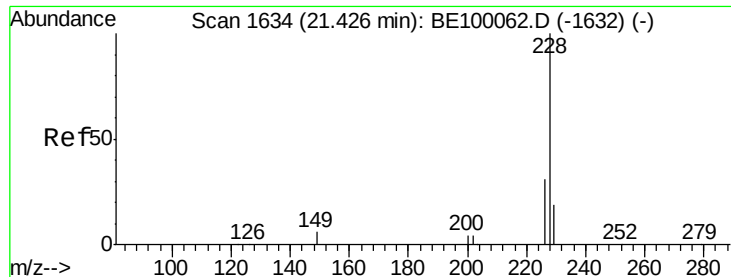
226 82.8 22.1 33.1#

229 79.7 16.9 25.3#



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: 0.002 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

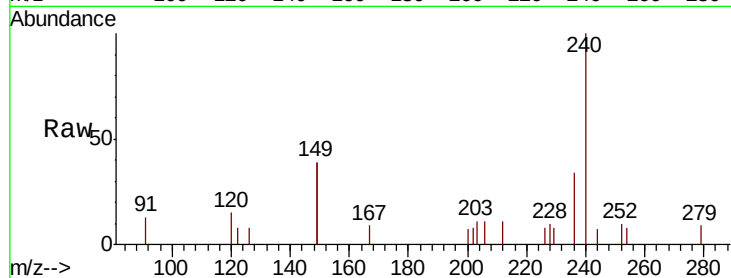
Tgt Ion:228 Resp: 44

Ion Ratio Lower Upper

228 100

226 84.6 24.1 36.1#

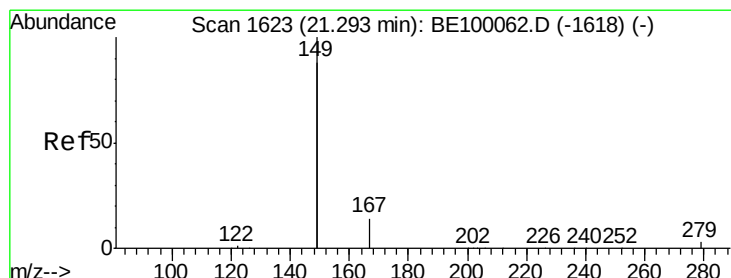
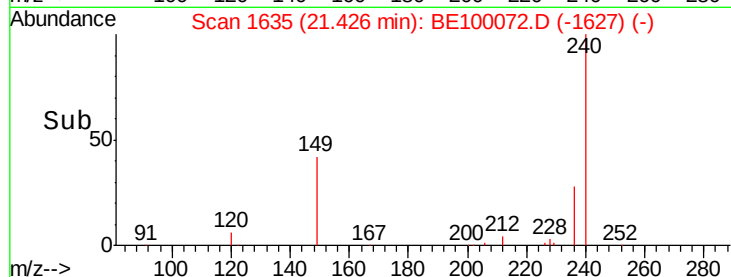
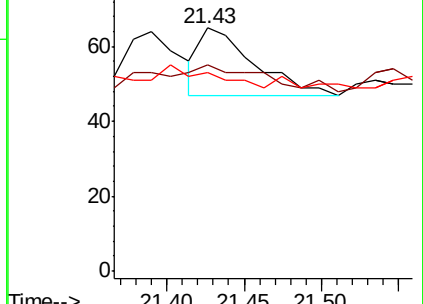
229 81.5 15.8 23.8#



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: 0.031 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

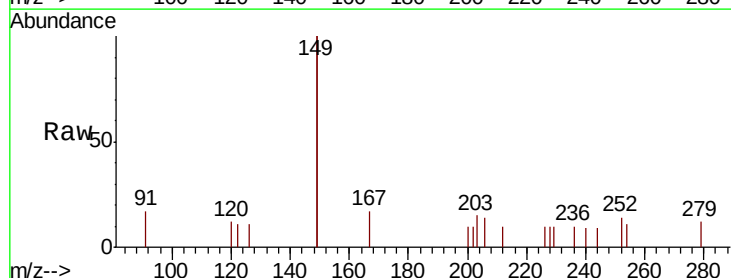
Tgt Ion:149 Resp: 800

Ion Ratio Lower Upper

149 100

167 8.3 5.9 8.9

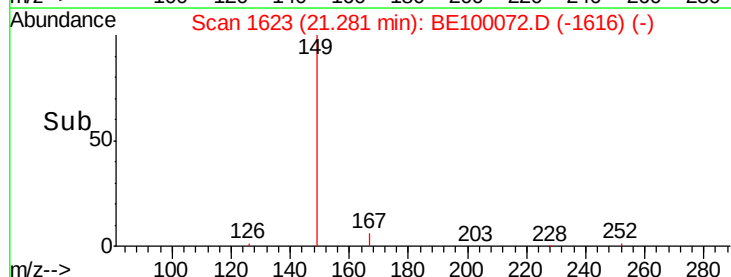
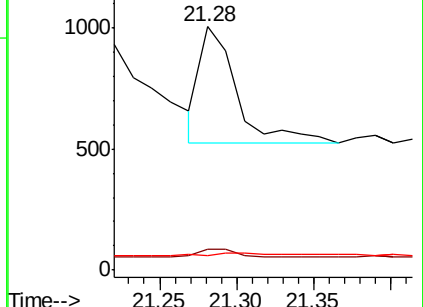
279 3.3 1.0 1.6#

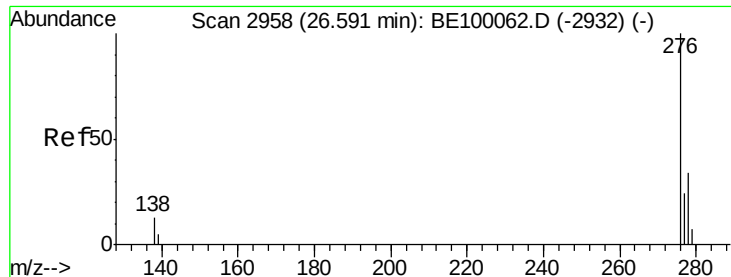


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.000 ng

RT: 26.60 min Scan# 2961

Delta R.T. 0.01 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

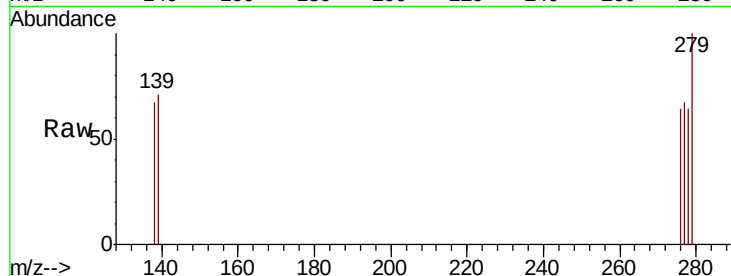
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

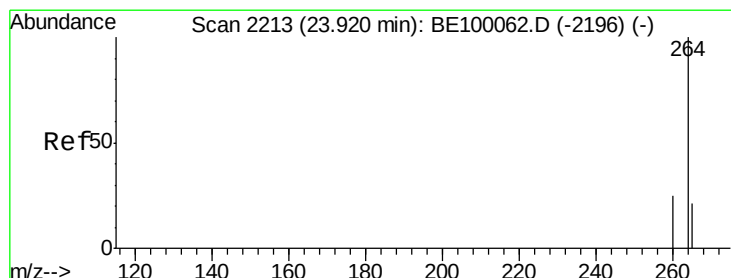
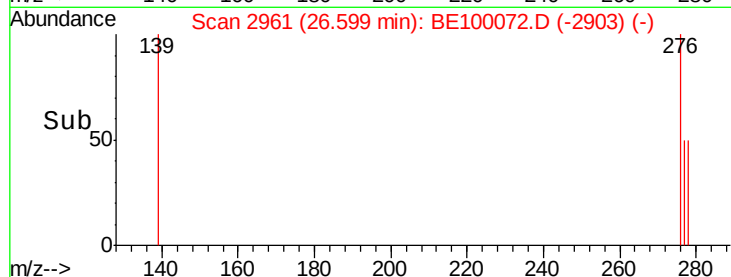
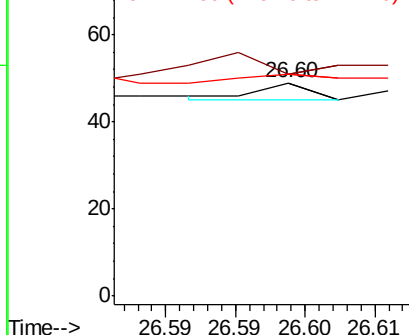
276 100

138 300.0 10.7 16.1#

277 100.0 19.1 28.7#



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: 23.92 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

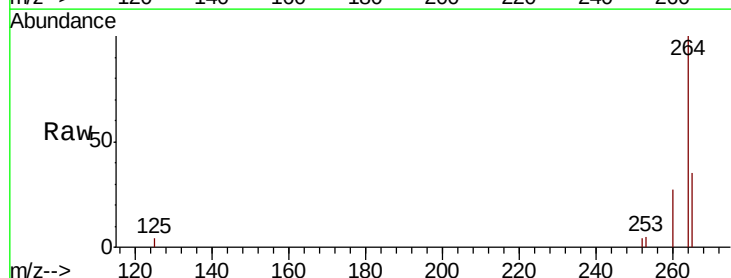
Tgt Ion:264 Resp: 7416

Ion Ratio Lower Upper

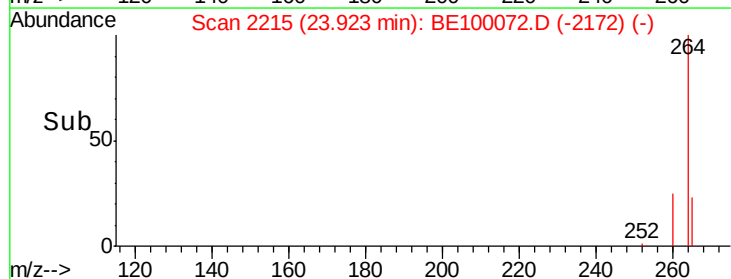
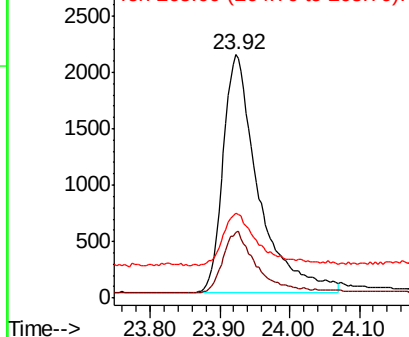
264 100

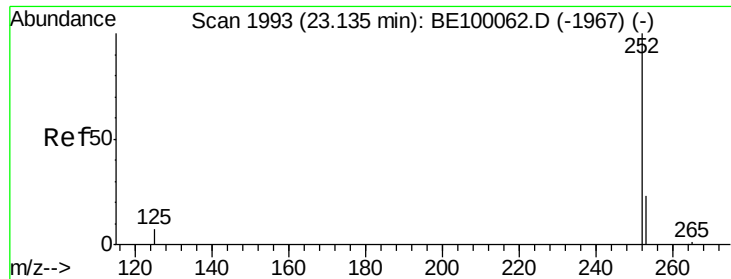
260 26.8 20.6 31.0

265 34.8 23.6 35.4



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: 0.001 ng

RT: 23.13 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

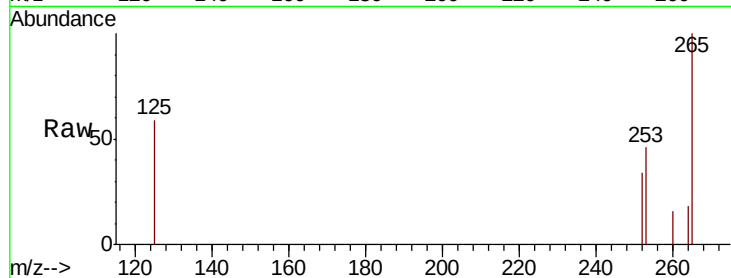
Tgt Ion: 252 Resp: 24

Ion Ratio Lower Upper

252 100

253 138.4 19.6 29.4#

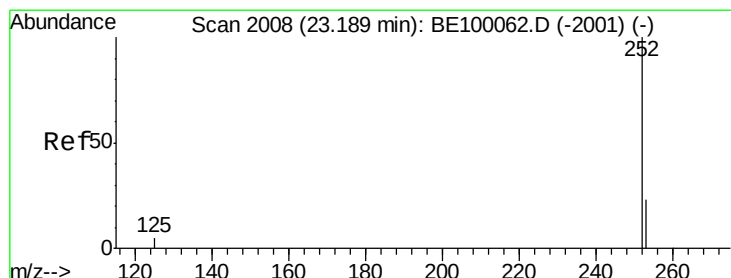
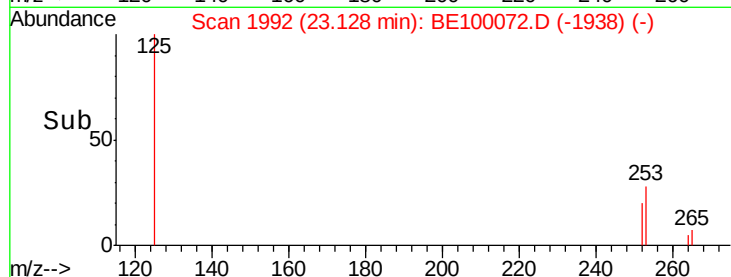
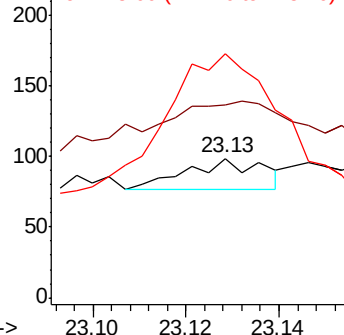
125 174.7 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.000 ng

RT: 23.19 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

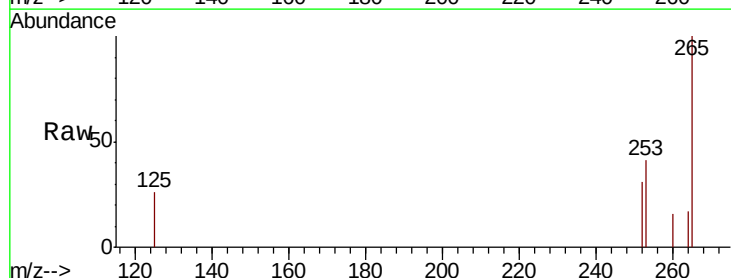
Tgt Ion: 252 Resp: 3

Ion Ratio Lower Upper

252 100

253 131.9 19.3 28.9#

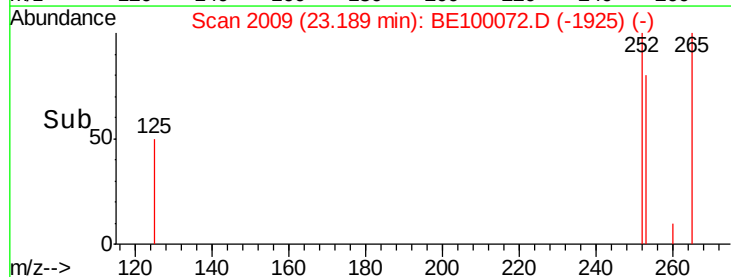
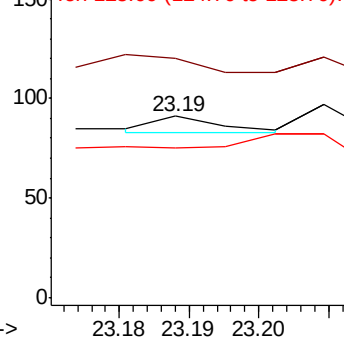
125 82.4 5.6 8.4#

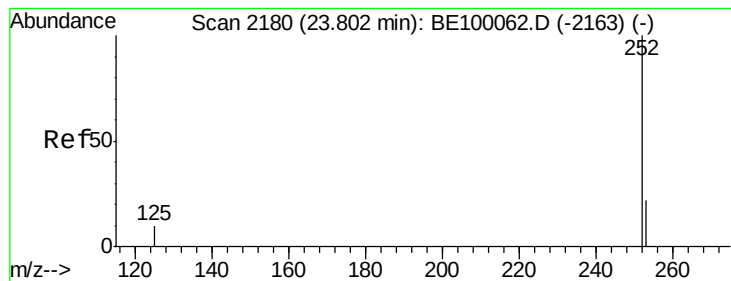


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.80 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

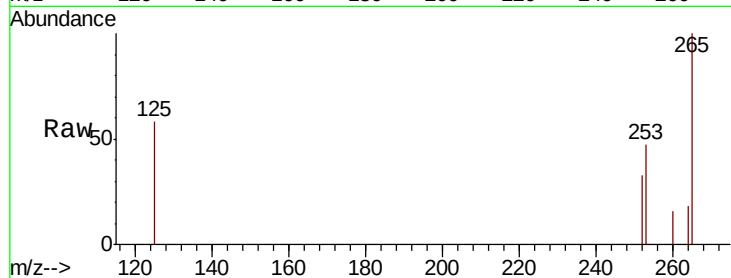
Tgt Ion:252 Resp: 22

Ion Ratio Lower Upper

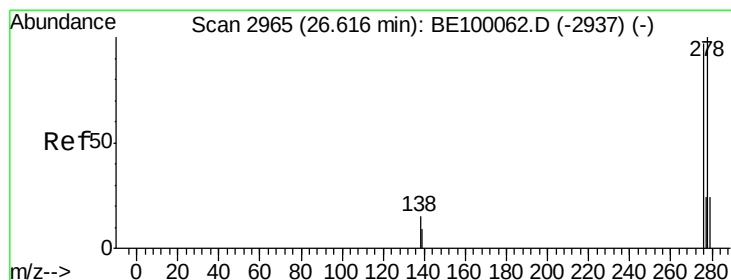
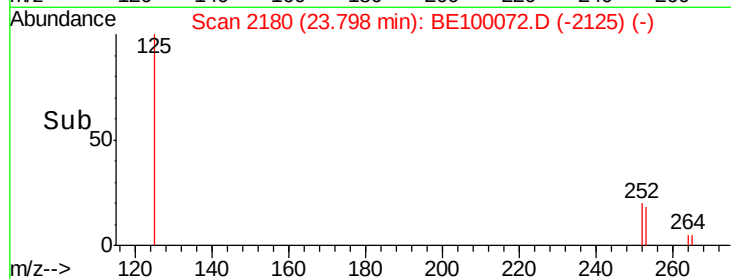
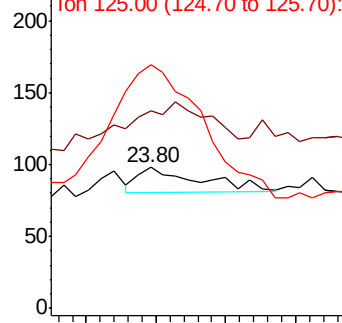
252 100

253 139.8 20.0 30.0#

125 172.4 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



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.62 min Scan# 2966

Delta R.T. 0.00 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

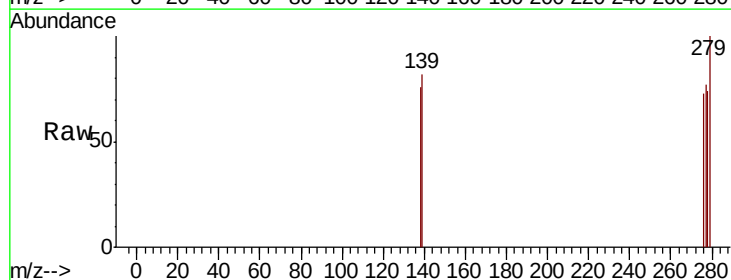
Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

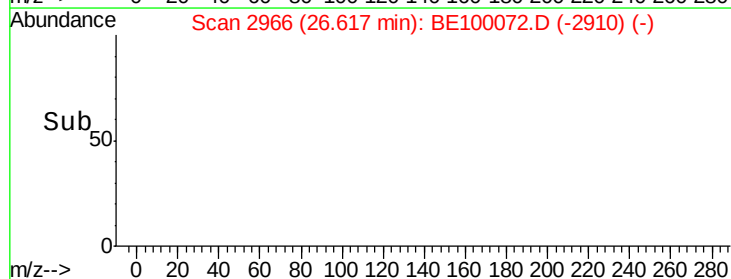
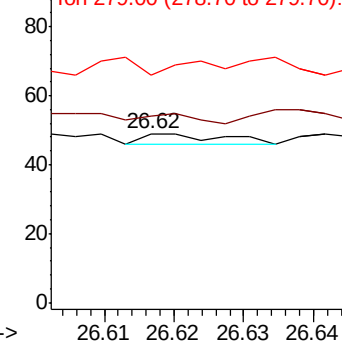
278 100

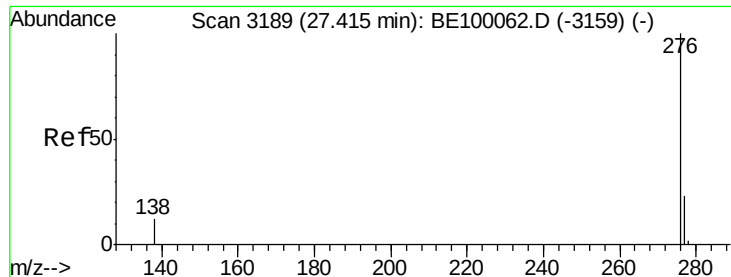
139 110.2 9.2 13.8#

279 134.7 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(g,h,i)perylene

Concen: 0.000 ng

RT: 27.43 min Scan# 3193

Delta R.T. 0.01 min

Lab File: BE100072.D

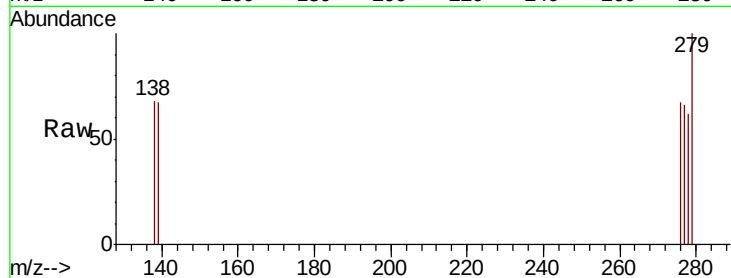
Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL



Tgt Ion:	276	Resp:	4
Ion	Ratio	Lower	Upper
276	100		
277	98.0	19.4	29.2#
138	102.0	11.0	16.6#

