

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
 Data File : BE099198.D
 Acq On : 26 Mar 2019 2:30
 Operator : JU/SJ
 Sample : K2073-04RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P001-TW001-04

Quant Time: Mar 26 07:11:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3746	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	15432	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	11738	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	35259	0.40	ng	0.00
27) Chrysene-d12	21.38	240	40081	0.40	ng	-0.01
34) Perylene-d12	23.90	264	38027	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1849	0.17	ng	0.00
5) Phenol-d6	6.99	99	1735	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	4620	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10848	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1800	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	19521	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	172693	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	34668	0.40	ng	0.00

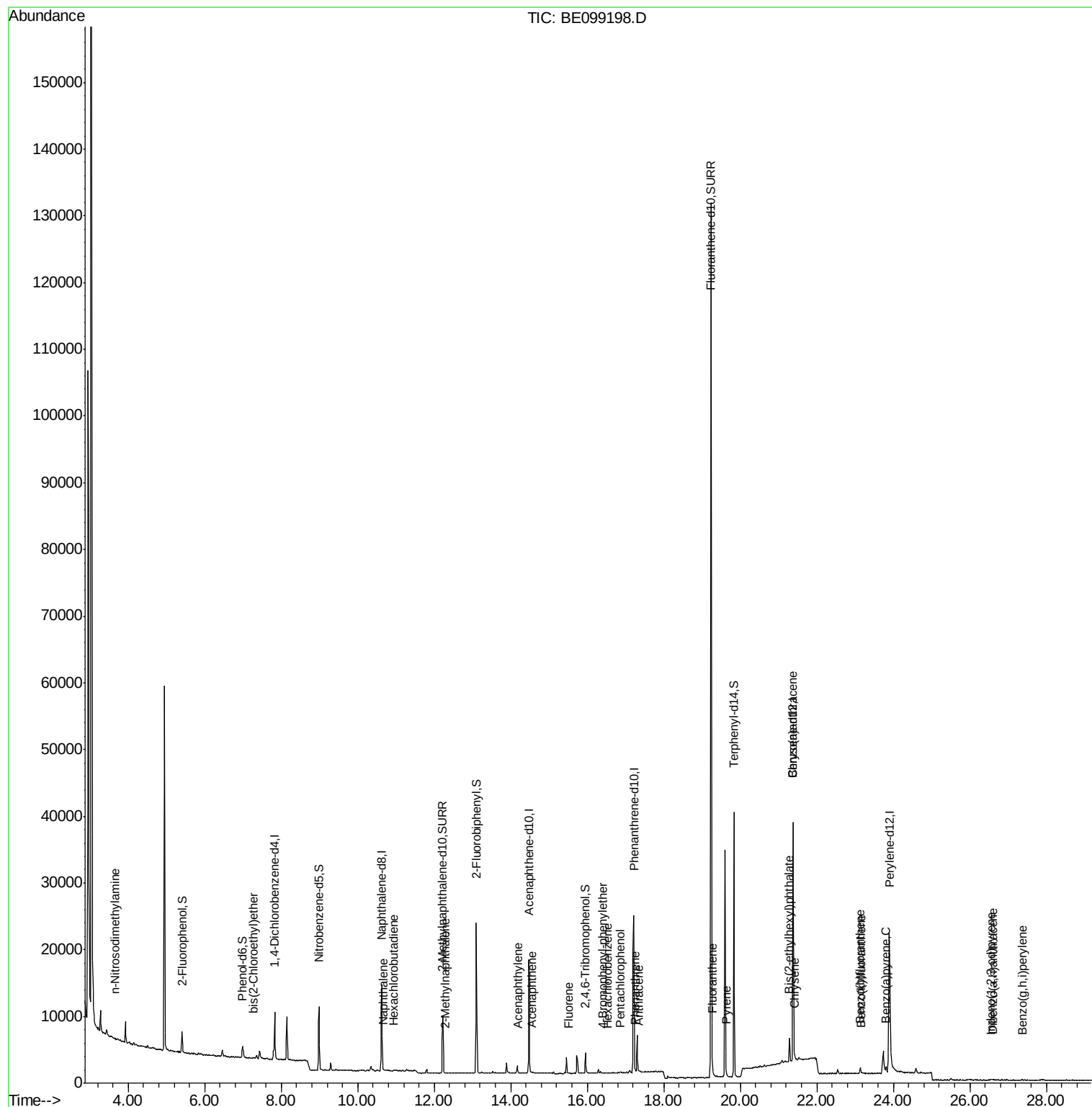
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.66	42	113	0.041	ng	# 1
6) bis(2-Chloroethyl)ether	7.26	93	26	0.002	ng	# 1
9) Naphthalene	10.67	128	310	0.002	ng	# 61
10) Hexachlorobutadiene	10.93	225	27	0.003	ng	# 39
12) 2-Methylnaphthalene	12.30	142	41	0.001	ng	# 66
16) Acenaphthylene	14.20	152	27	0.000	ng	# 61
17) Acenaphthene	14.54	154	15	0.000	ng	# 1
18) Fluorene	15.51	166	31	0.001	ng	# 43
20) 4-Bromophenyl-phenylether	16.41	248	21	0.001	ng	# 64
21) Hexachlorobenzene	16.52	284	24	0.001	ng	# 24
22) Pentachlorophenol	16.85	266	51	0.255	ng	90
23) Phenanthrene	17.25	178	254	0.002	ng	# 64
24) Anthracene	17.35	178	98	0.001	ng	# 38
26) Fluoranthene	19.27	202	228	0.002	ng	# 85
28) Pyrene	19.63	202	218	0.002	ng	# 87
30) Benzo(a)anthracene	21.38	228	262	0.002	ng	# 32
31) Chrysene	21.42	228	125	0.001	ng	# 32
32) Bis(2-ethylhexyl)phthalate	21.28	149	5600	0.035	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	21	0.000	ng	# 69
35) Benzo(b)fluoranthene	23.14	252	284	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.17	252	135	0.001	ng	# 1
37) Benzo(a)pyrene	23.79	252	14	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.59	278	21	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.37	276	9	0.000	ng	# 1

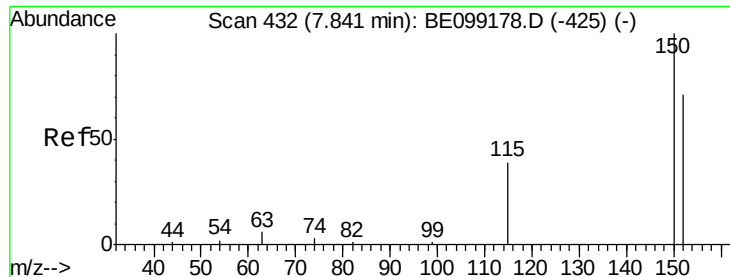
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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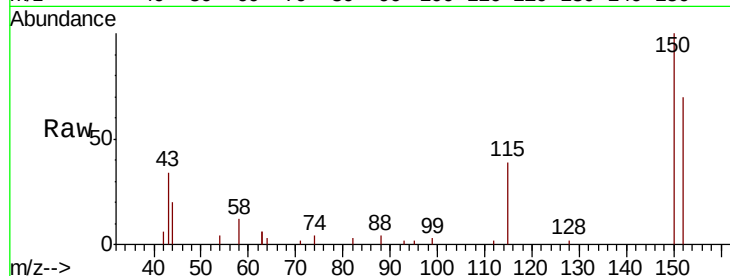


#1

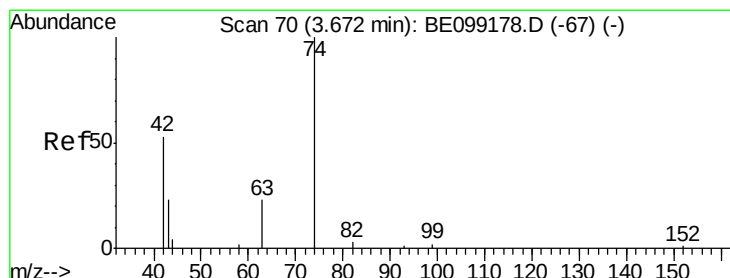
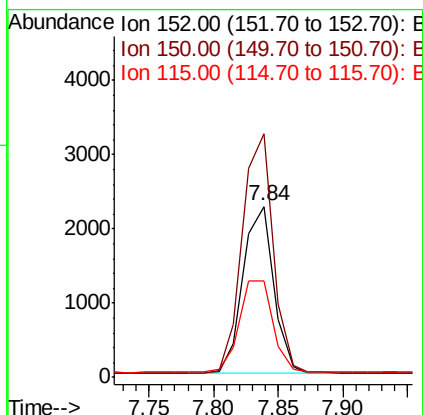
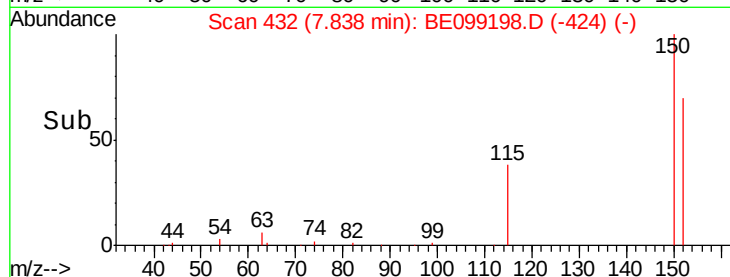
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:152 Resp: 3746
Ion Ratio Lower Upper
152 100
150 142.2 112.8 169.2
115 56.0 45.1 67.7



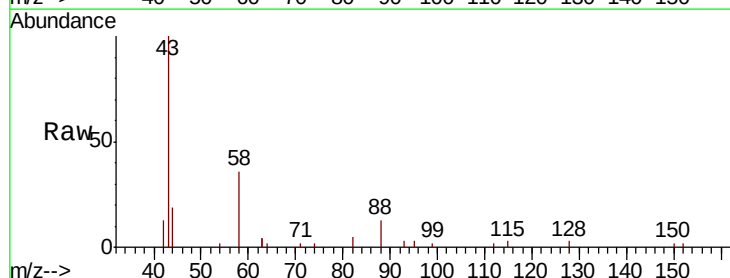
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



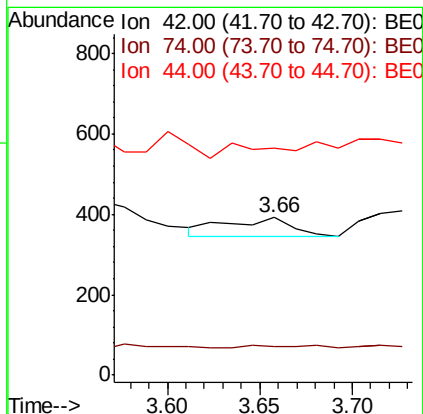
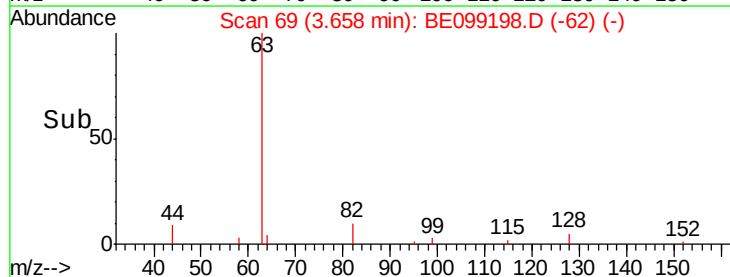
#3

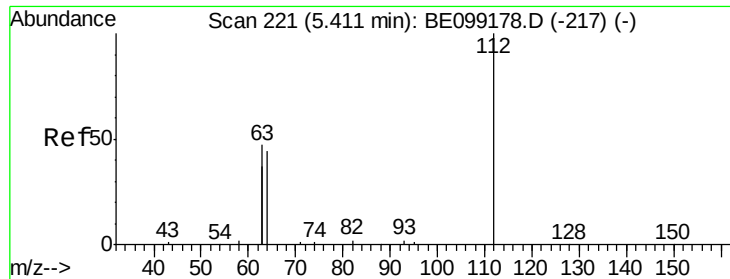
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion: 42 Resp: 113
Ion Ratio Lower Upper
42 100
74 10.6 138.6 207.8#
44 0.0 15.0 22.6#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.165 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

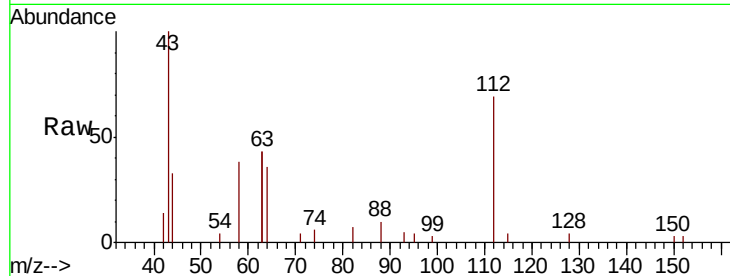
Tgt Ion: 112 Resp: 1849

Ion Ratio Lower Upper

112 100

64 60.5 46.2 69.2

63 130.6 89.9 134.9



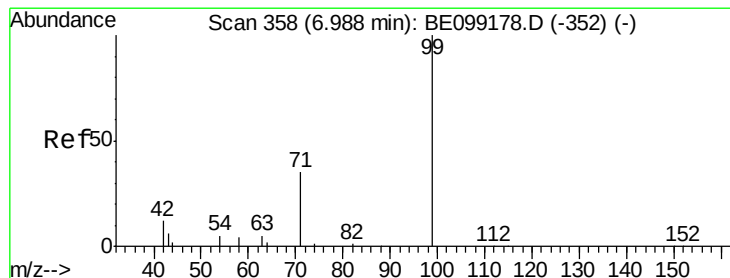
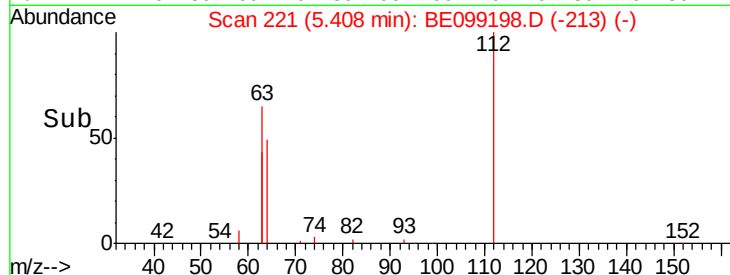
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.30 5.40 5.50



#5

Phenol-d6

Concen: 0.102 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

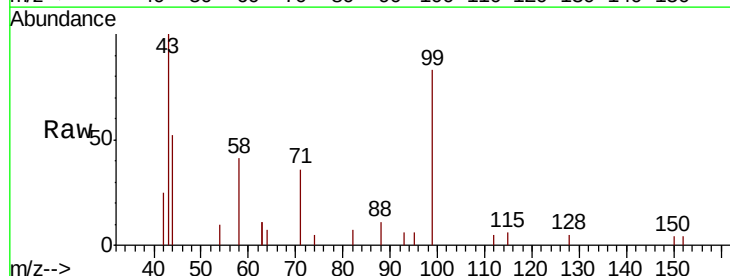
Tgt Ion: 99 Resp: 1735

Ion Ratio Lower Upper

99 100

42 20.2 12.4 18.6#

71 38.7 28.4 42.6



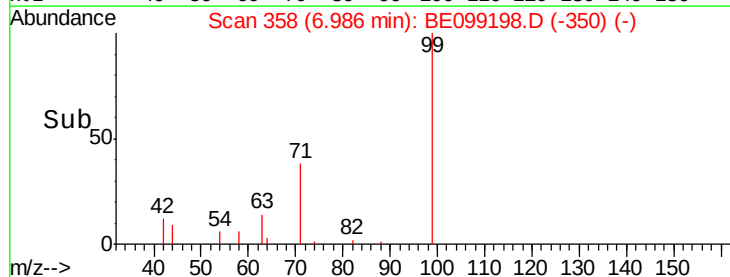
Abundance Ion 99.00 (98.70 to 99.70): BE0

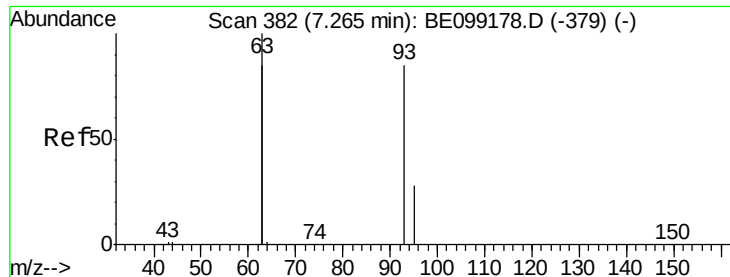
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->

6.90 7.00 7.10





#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

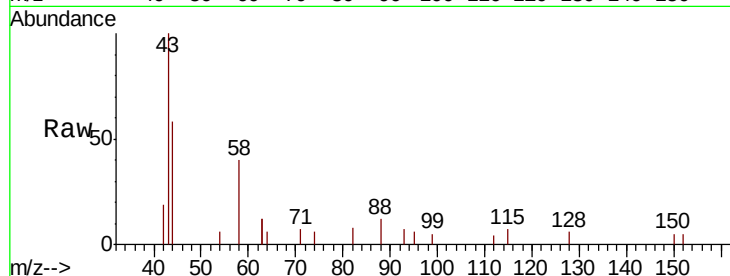
Tgt Ion: 93 Resp: 26

Ion Ratio Lower Upper

93 100

63 430.8 221.4 332.0#

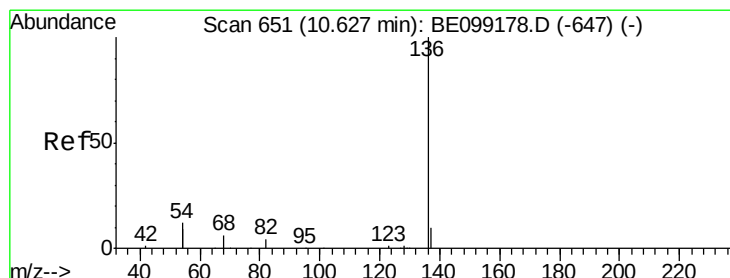
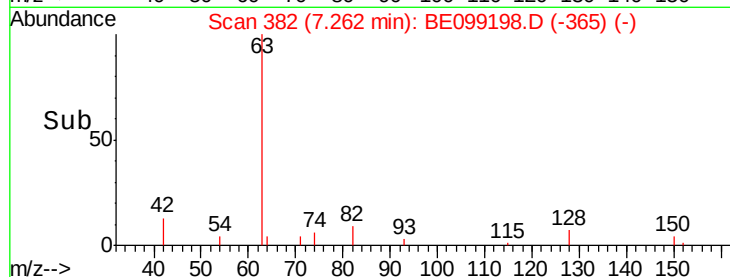
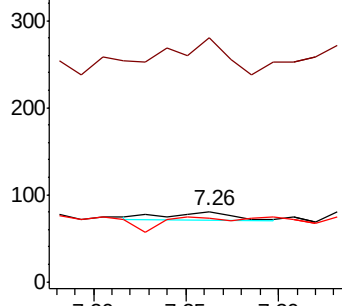
95 165.4 25.8 38.8#



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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Tgt Ion: 136 Resp: 15432

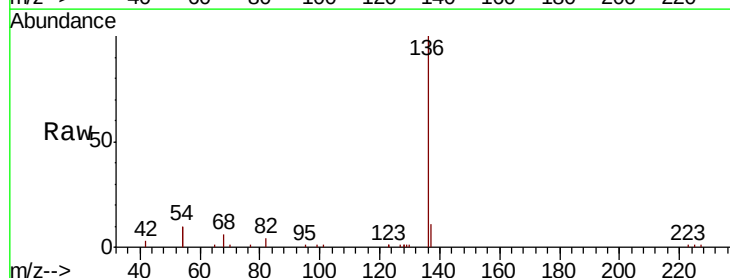
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 20.9 18.7 28.1

68 6.0 5.2 7.8

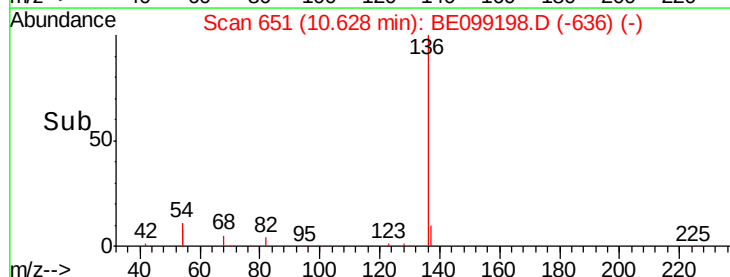
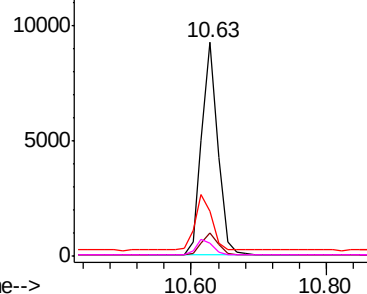


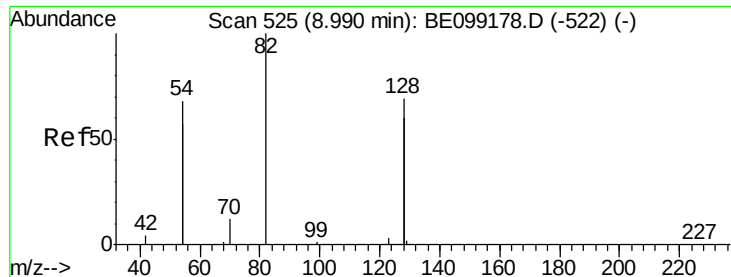
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.367 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099198.D

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P001-TW001-04

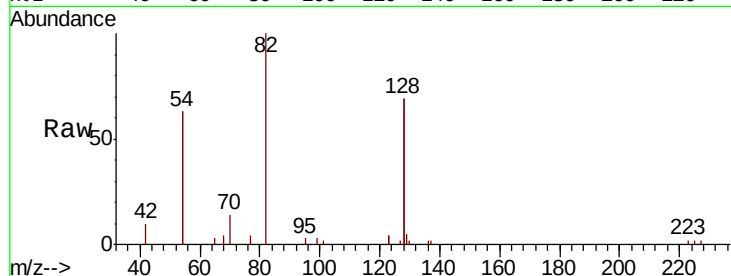
Tgt Ion: 82 Resp: 4620

Ion Ratio Lower Upper

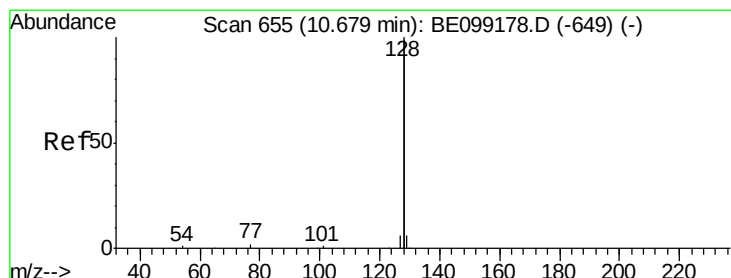
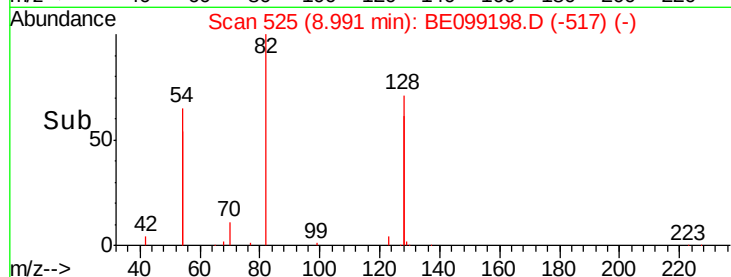
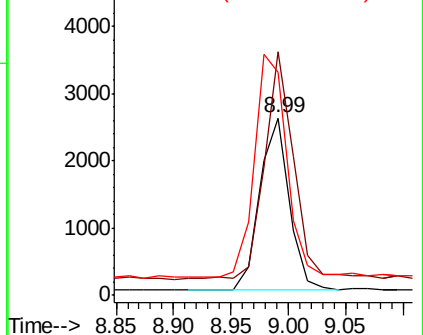
82 100

128 137.1 107.5 161.3

54 125.5 106.3 159.5



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: 0.002 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

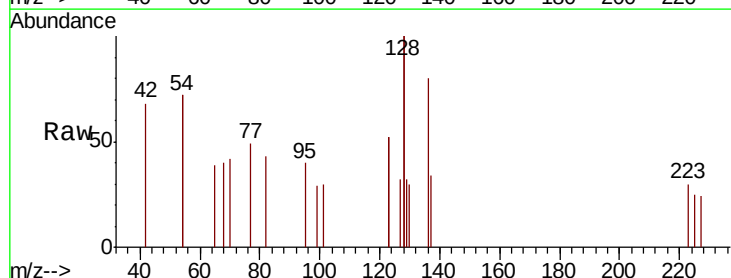
Tgt Ion: 128 Resp: 310

Ion Ratio Lower Upper

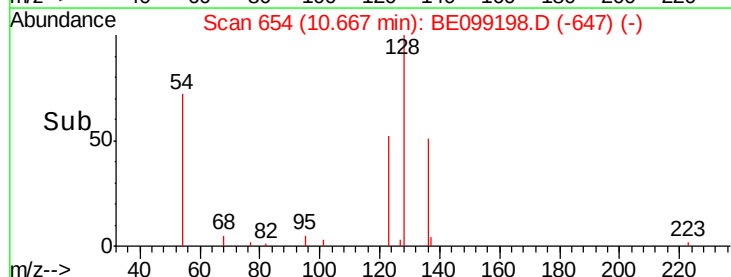
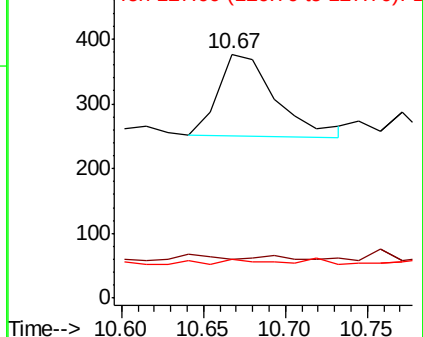
128 100

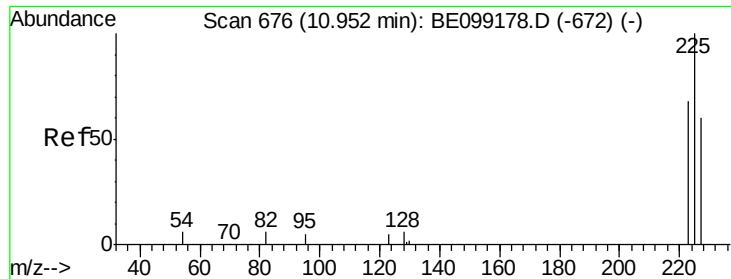
129 16.0 2.3 3.5#

127 16.0 2.6 3.8#



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

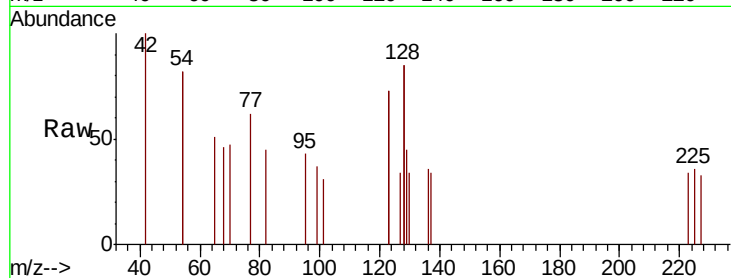




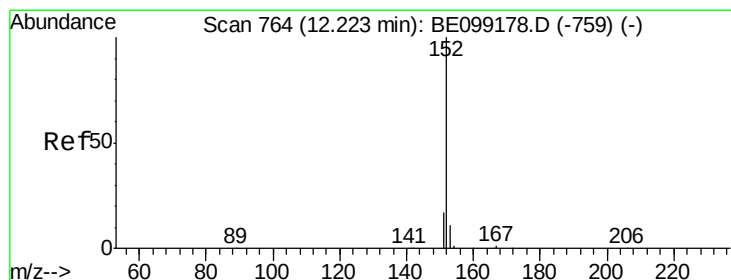
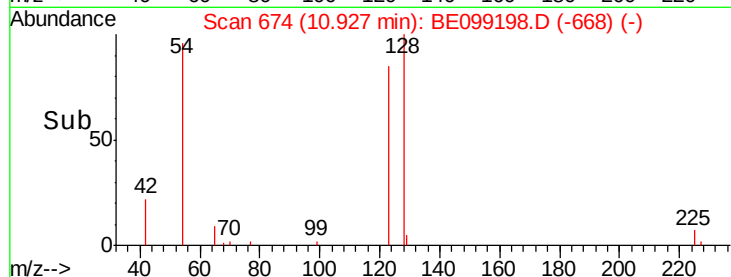
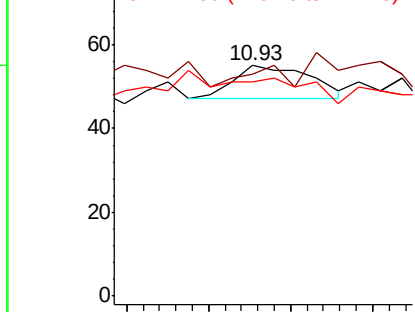
#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.03 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

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P001-TW001-04

Tgt Ion: 225 Resp: 27
Ion Ratio Lower Upper
225 100
223 29.6 51.3 76.9#
227 0.0 48.6 73.0#

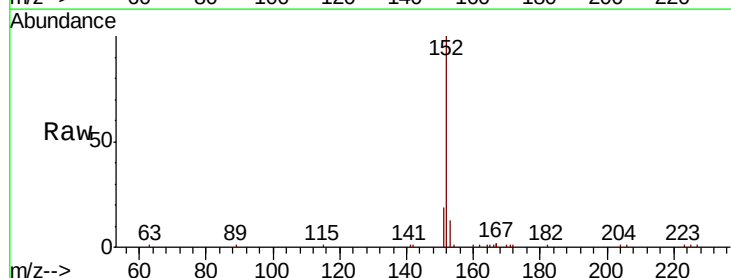


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

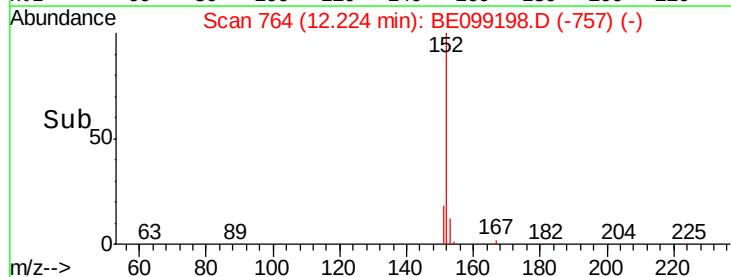
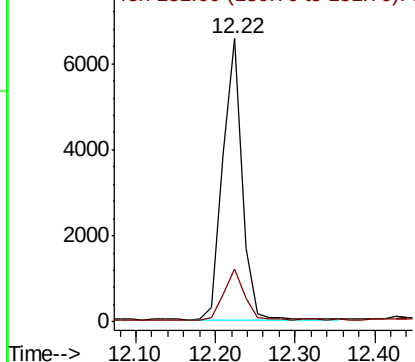


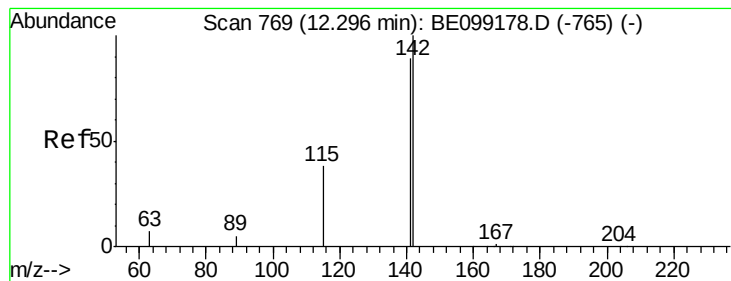
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion: 152 Resp: 10848
Ion Ratio Lower Upper
152 100
151 19.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.001 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

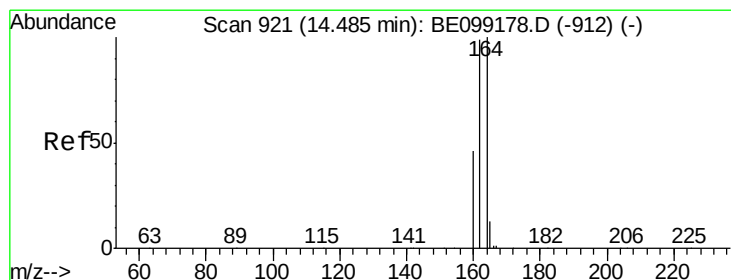
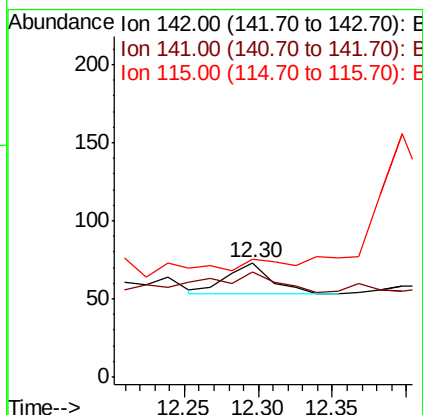
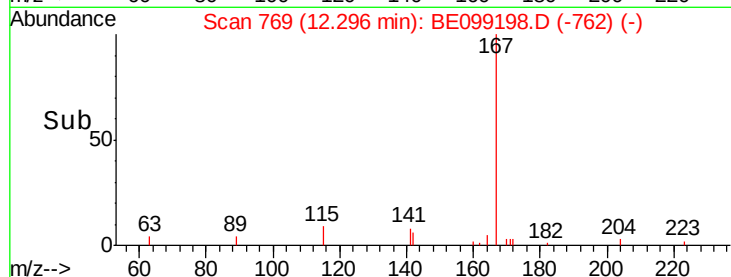
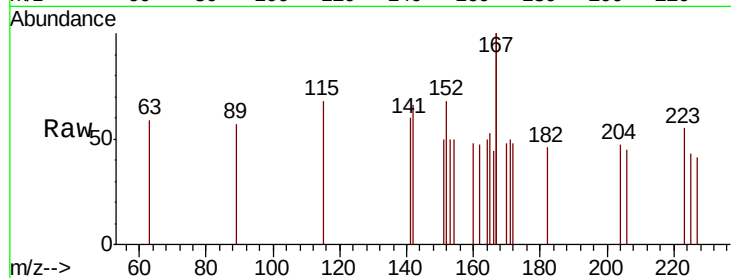
Tgt Ion:142 Resp: 41

Ion Ratio Lower Upper

142 100

141 91.8 71.3 106.9

115 102.7 30.4 45.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

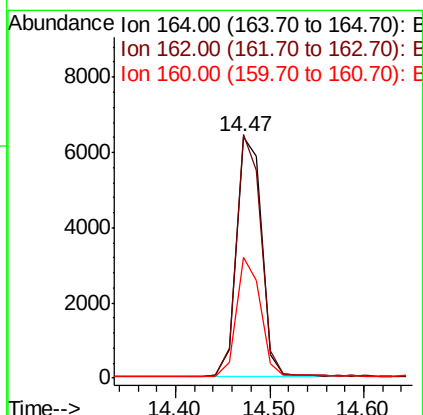
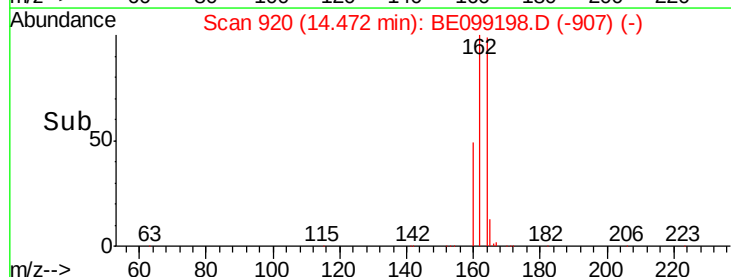
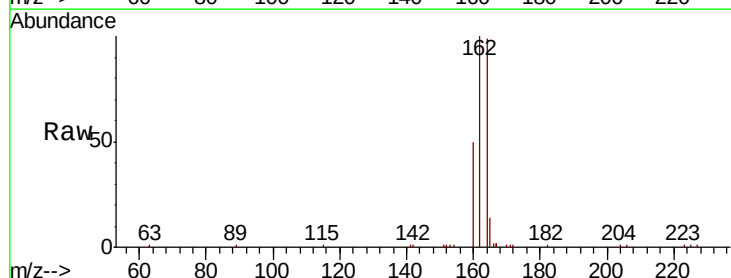
Tgt Ion:164 Resp: 11738

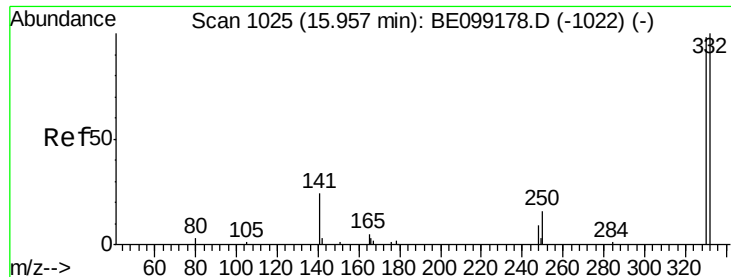
Ion Ratio Lower Upper

164 100

162 101.0 79.2 118.8

160 50.2 36.7 55.1

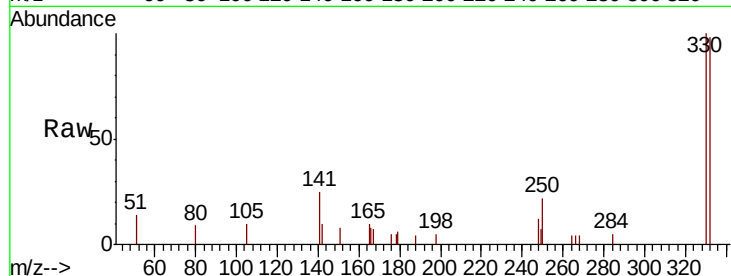




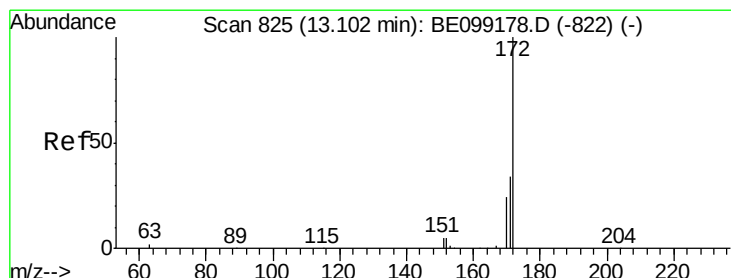
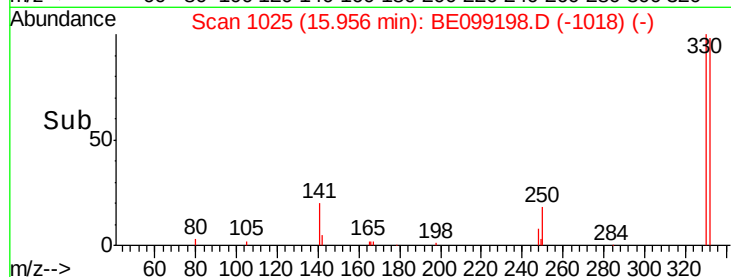
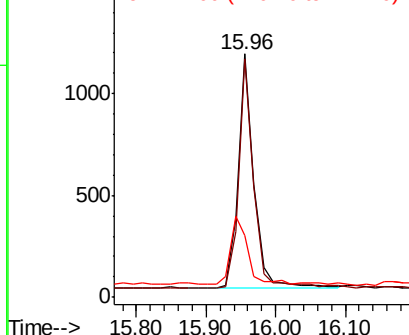
#14
 2,4,6-Tribromophenol
 Concen: 0.498 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE099198.D
 Acq: 26 Mar 2019 2:30

Instrument :
 BNA_E
 ClientSampleId :
 P001-TW001-04

Tgt Ion:330 Resp: 1800
 Ion Ratio Lower Upper
 330 100
 332 94.0 71.3 106.9
 141 31.6 21.7 32.5

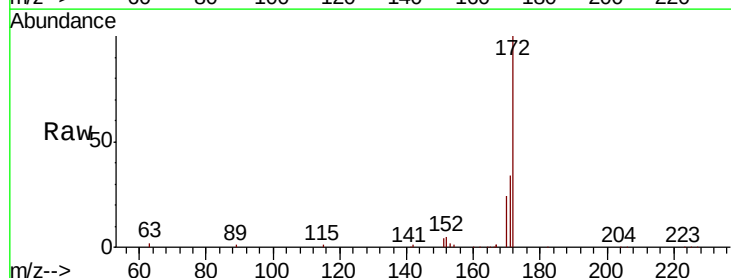


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

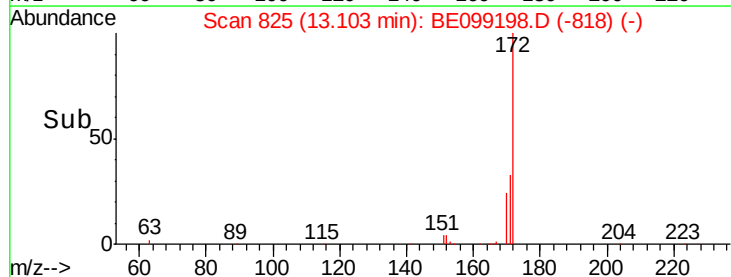
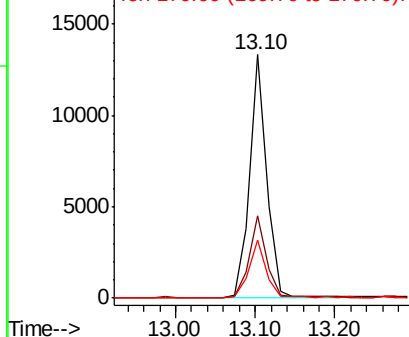


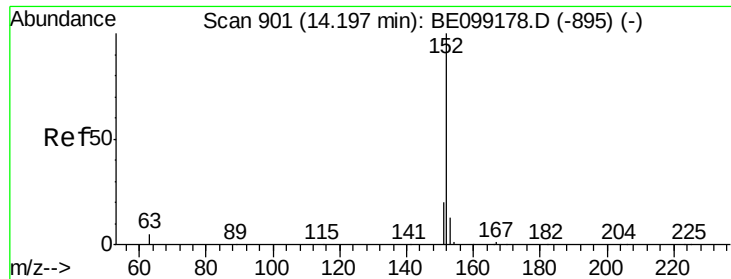
#15
 2-Fluorobiphenyl
 Concen: 0.408 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099198.D
 Acq: 26 Mar 2019 2:30

Tgt Ion:172 Resp: 19521
 Ion Ratio Lower Upper
 172 100
 171 33.7 27.4 41.0
 170 23.9 19.1 28.7



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

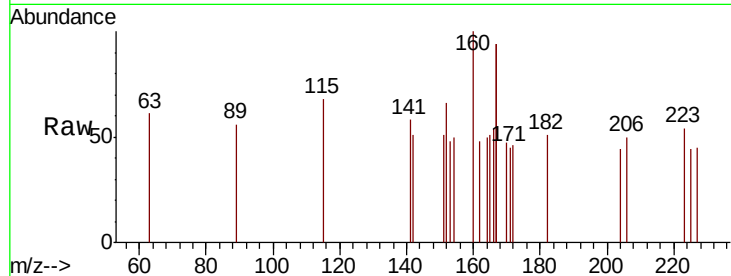




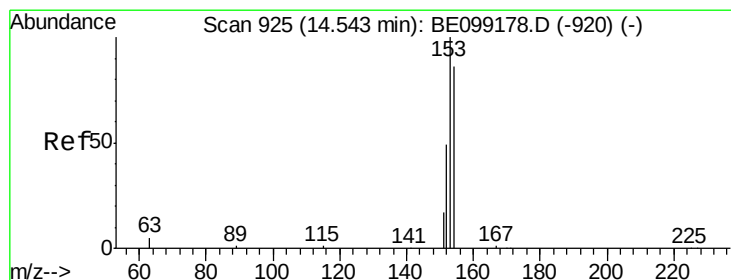
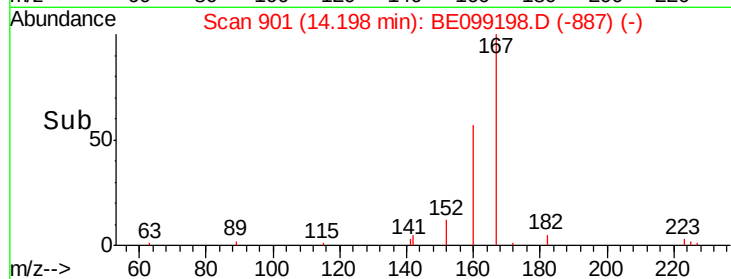
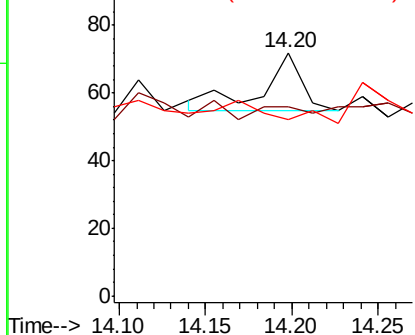
#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion:152 Resp: 27
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 0.0 10.6 15.8#

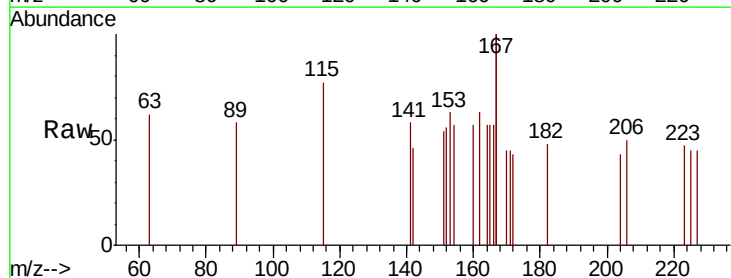


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

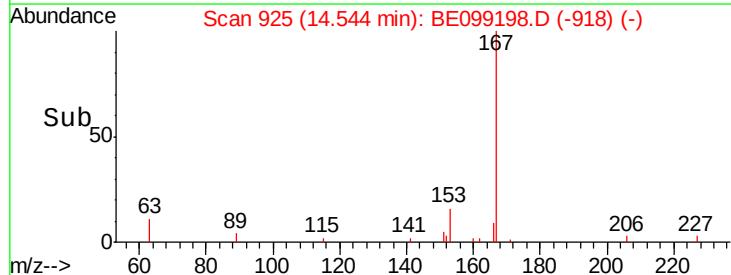
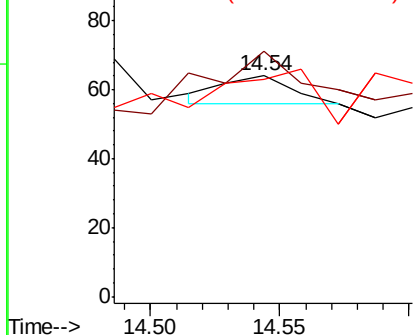


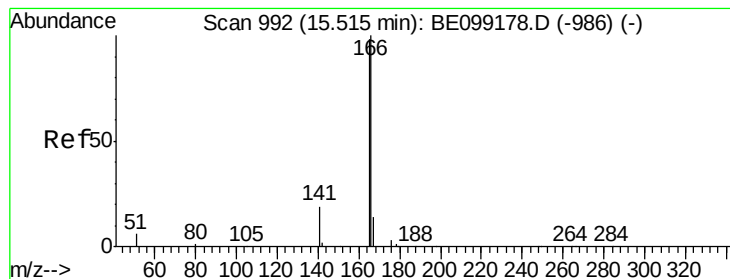
#17
Acenaphthene
Concen: 0.000 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion:154 Resp: 15
Ion Ratio Lower Upper
154 100
153 320.0 93.4 140.0#
152 233.3 46.6 69.8#



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: 0.001 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

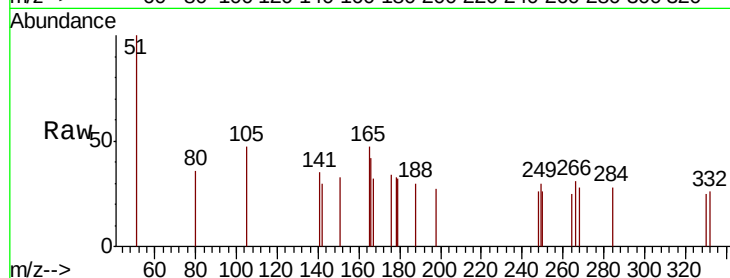
Tgt Ion:166 Resp: 31

Ion Ratio Lower Upper

166 100

165 158.1 78.9 118.3#

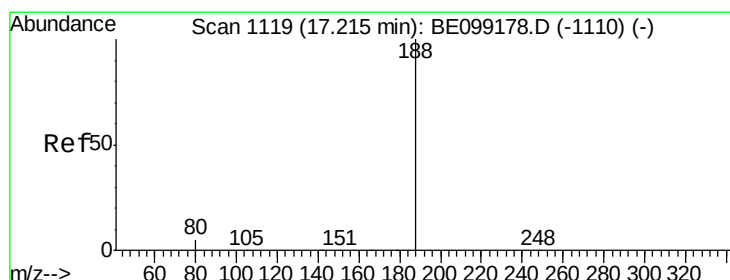
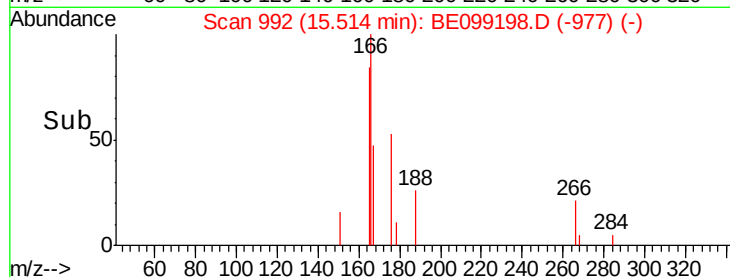
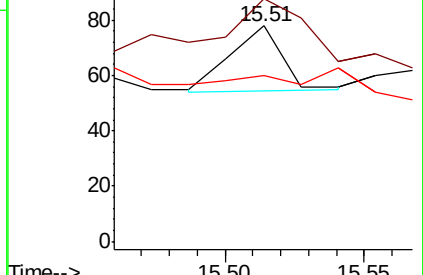
167 0.0 10.9 16.3#



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

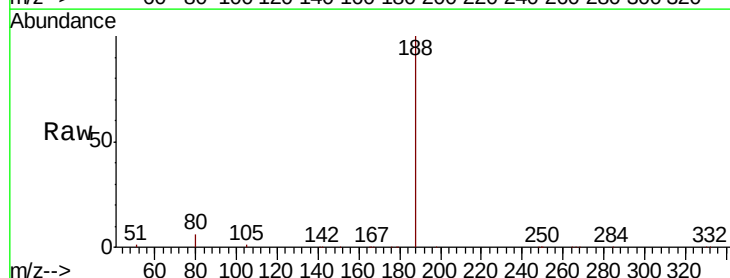
Tgt Ion:188 Resp: 35259

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

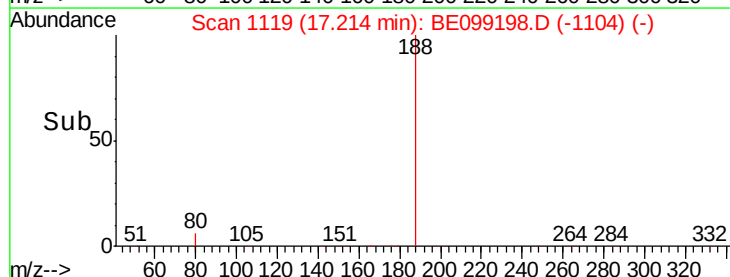
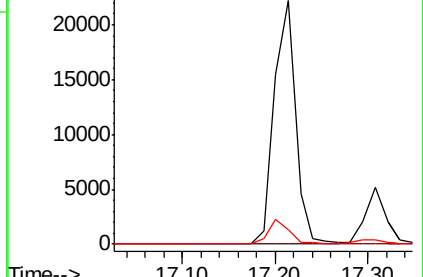
80 6.1 4.5 6.7

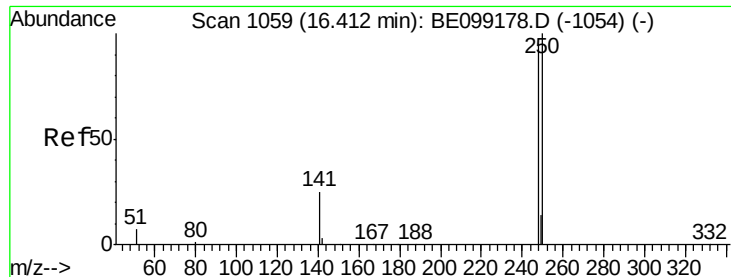


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

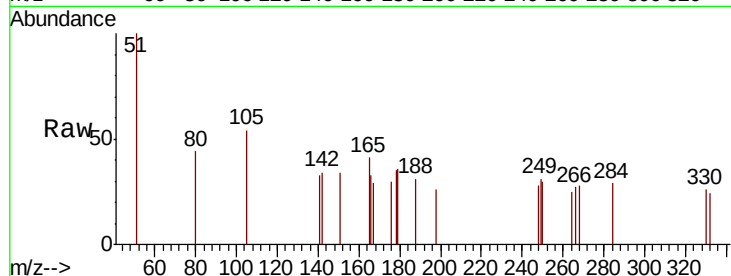
Tgt Ion:248 Resp: 21

Ion Ratio Lower Upper

248 100

250 105.6 84.2 126.2

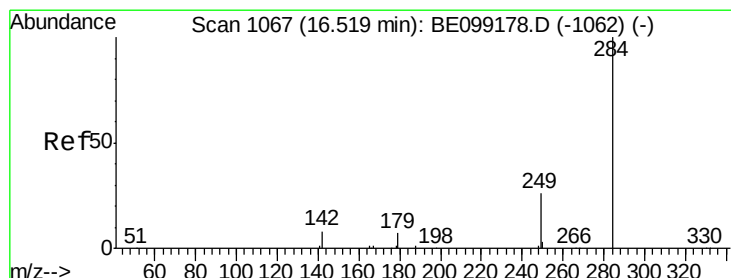
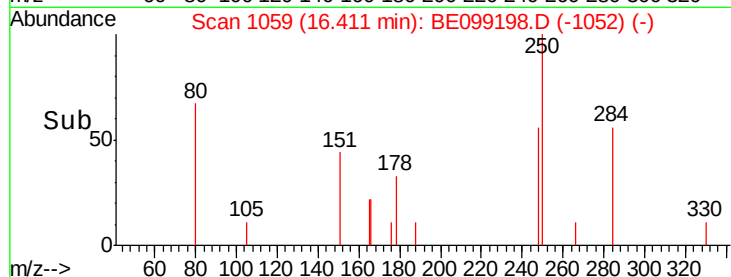
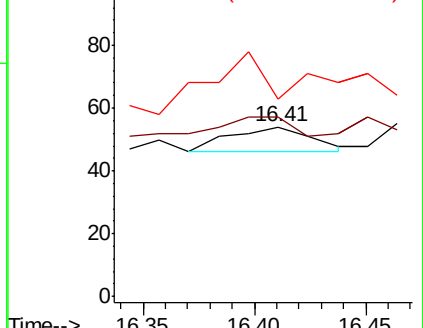
141 116.7 21.8 32.6#



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: 0.001 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

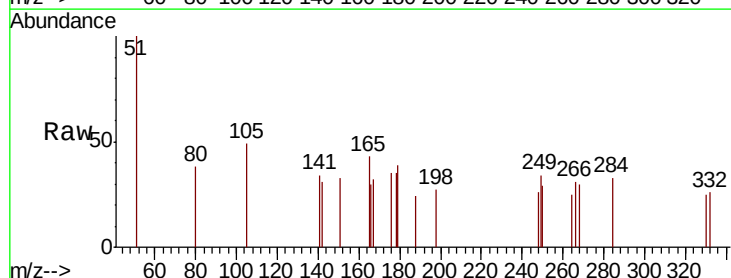
Tgt Ion:284 Resp: 24

Ion Ratio Lower Upper

284 100

142 0.0 22.7 34.1#

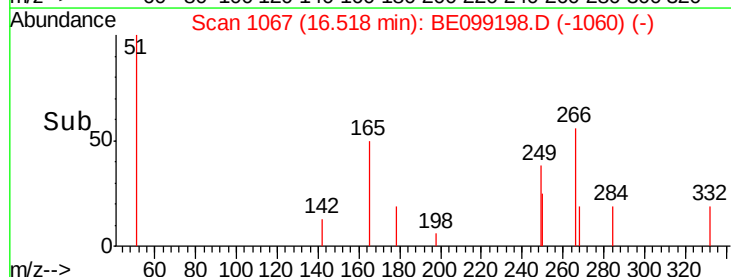
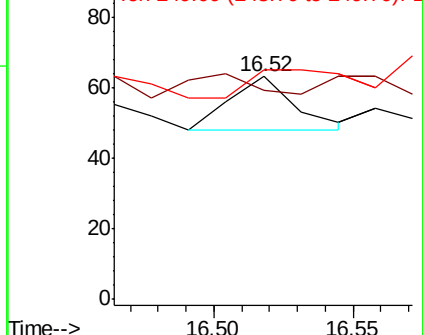
249 87.5 26.9 40.3#

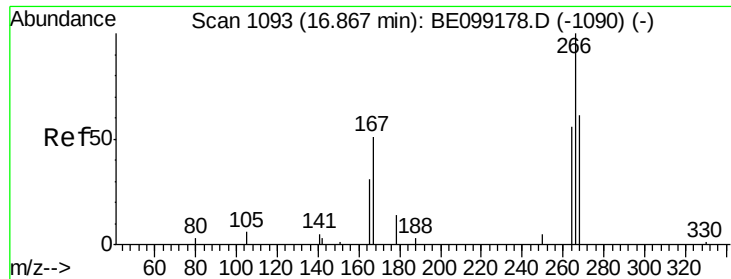


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.255 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

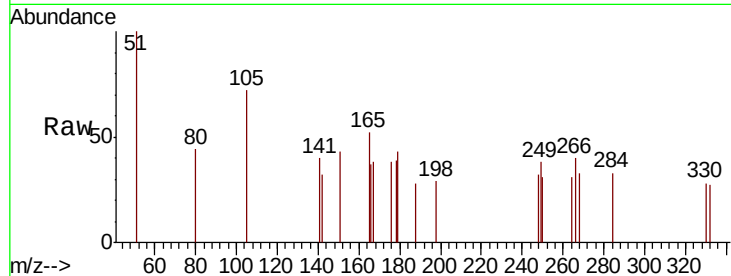
Tgt Ion: 266 Resp: 51

Ion Ratio Lower Upper

266 100

264 78.3 54.4 81.6

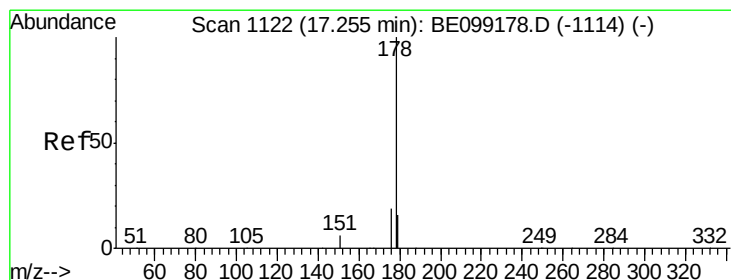
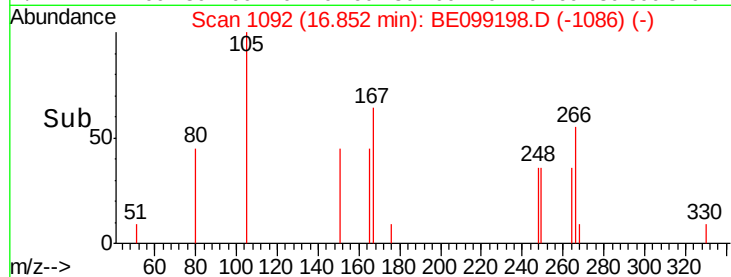
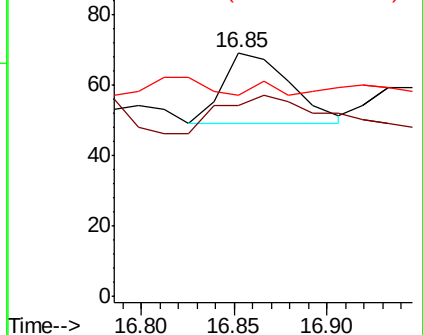
268 82.6 61.3 91.9



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: 0.002 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

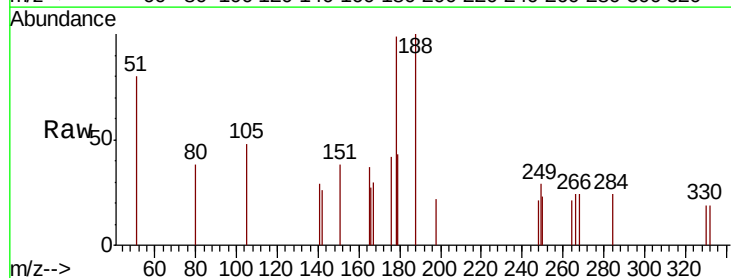
Tgt Ion: 178 Resp: 254

Ion Ratio Lower Upper

178 100

176 30.7 15.4 23.2#

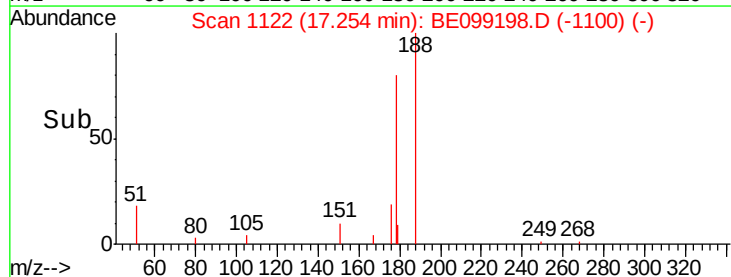
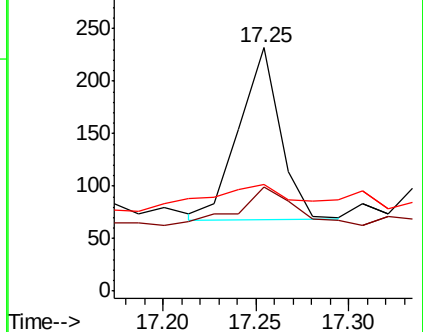
179 36.6 12.3 18.5#

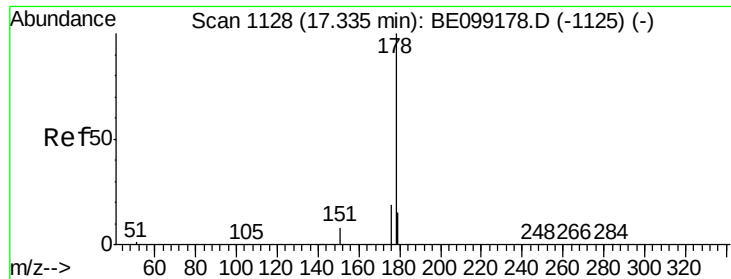


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.001 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

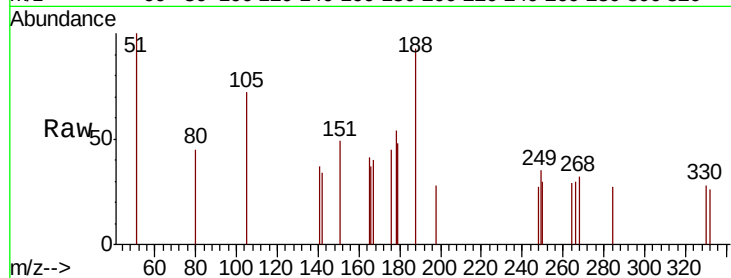
Tgt Ion:178 Resp: 98

Ion Ratio Lower Upper

178 100

176 56.1 15.1 22.7#

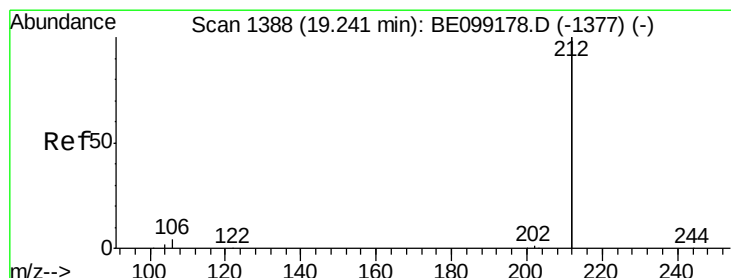
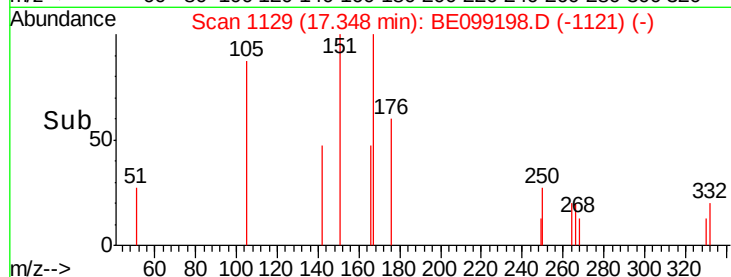
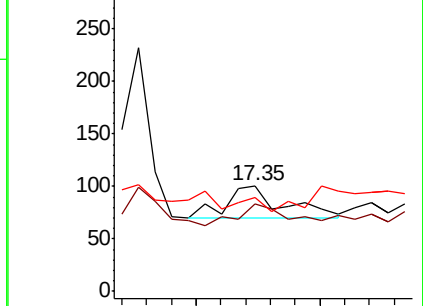
179 0.0 12.4 18.6#



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: 0.404 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

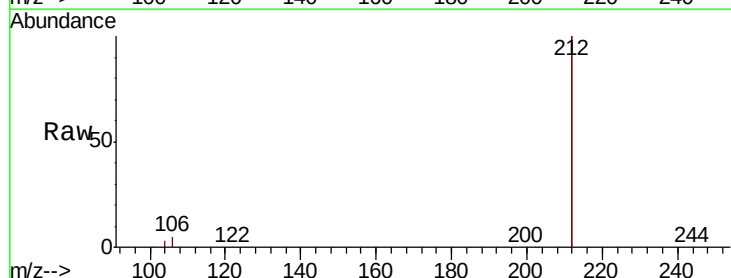
Tgt Ion:212 Resp: 172693

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

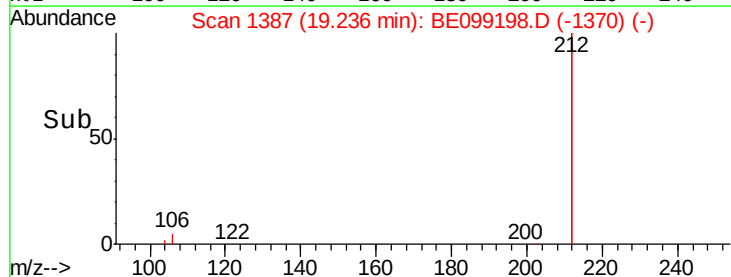
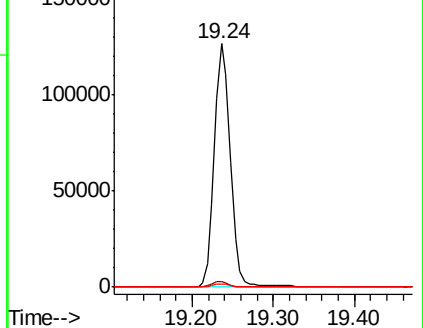
104 1.3 1.1 1.7

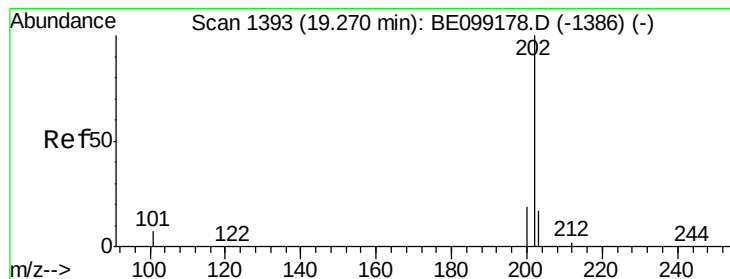


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.002 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

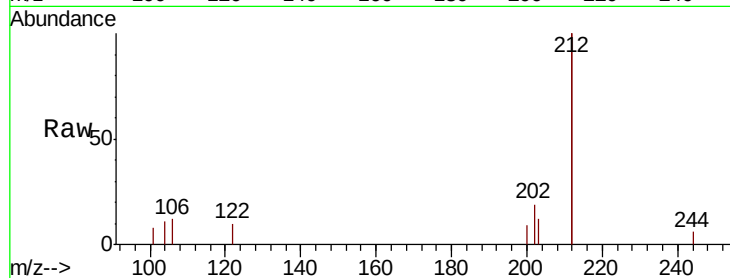
Tgt Ion: 202 Resp: 228

Ion Ratio Lower Upper

202 100

101 0.0 7.0 10.4#

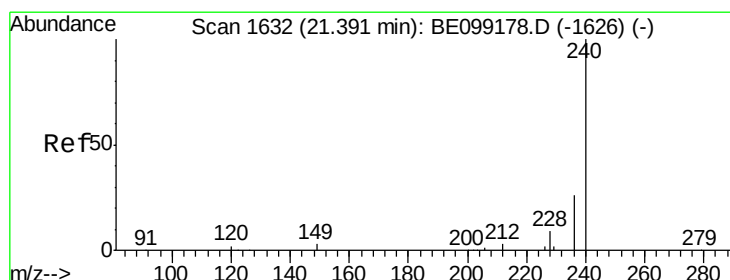
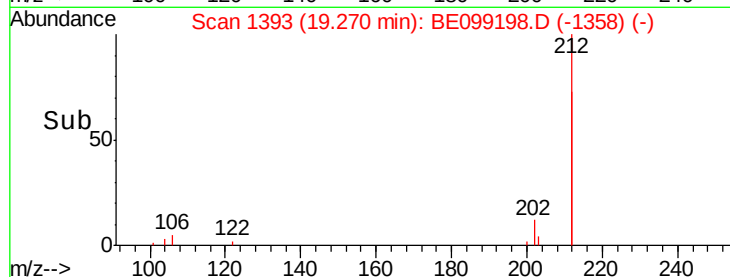
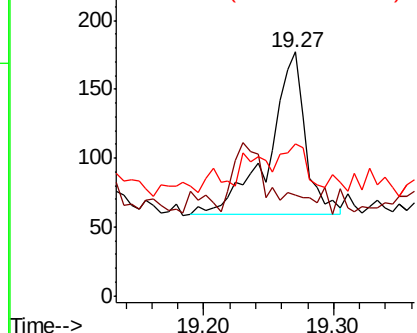
203 21.5 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

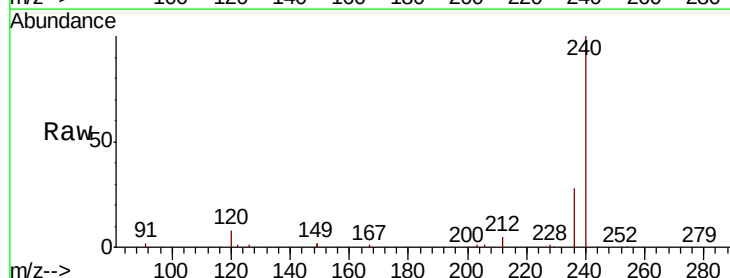
Tgt Ion: 240 Resp: 40081

Ion Ratio Lower Upper

240 100

120 8.3 2.6 3.8#

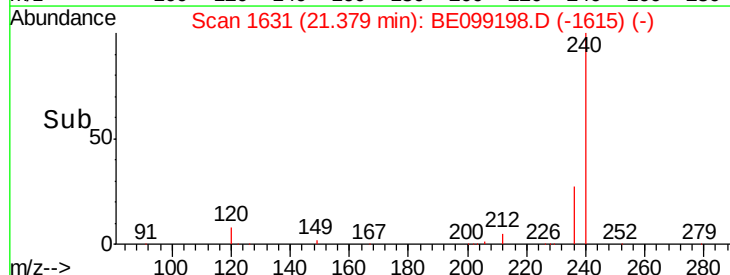
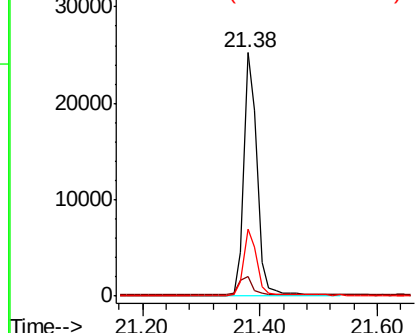
236 27.5 20.9 31.3

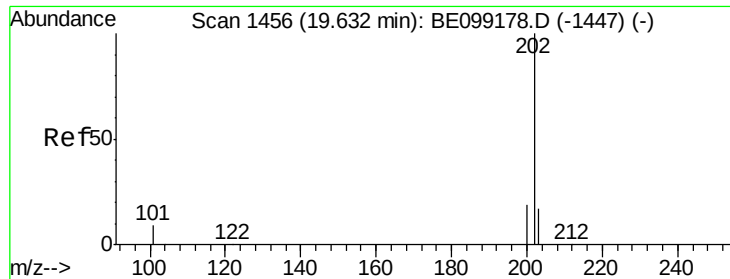


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

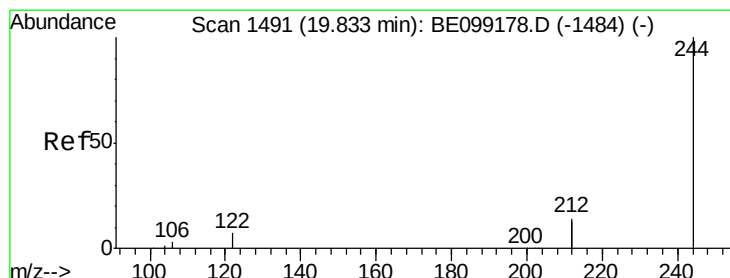
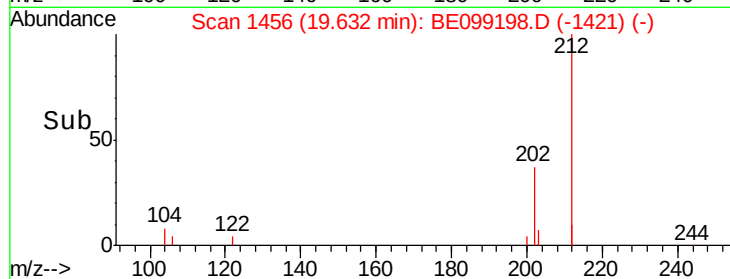
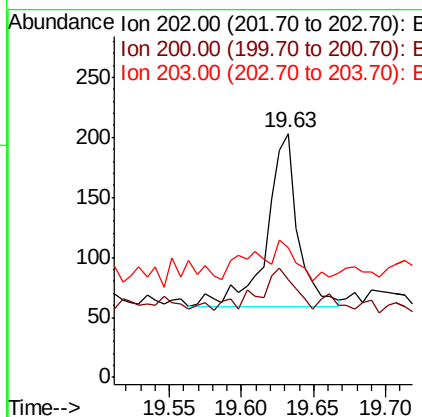
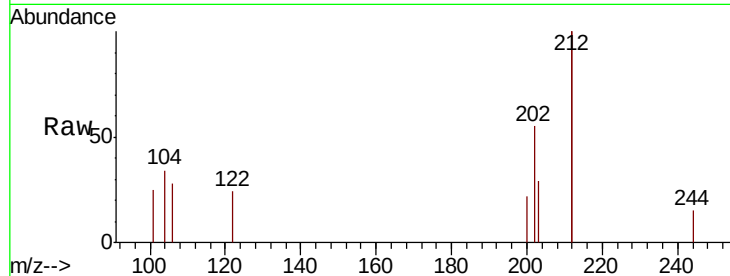




#28
 Pyrene
 Concen: 0.002 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BE099198.D
 Acq: 26 Mar 2019 2:30

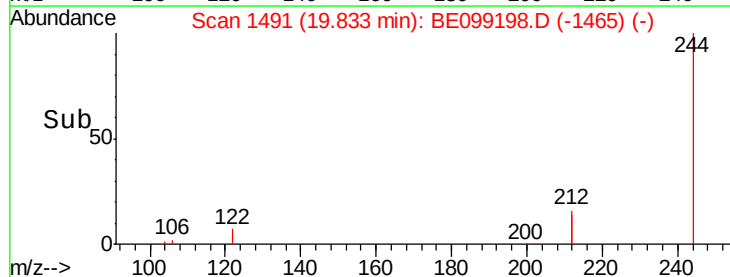
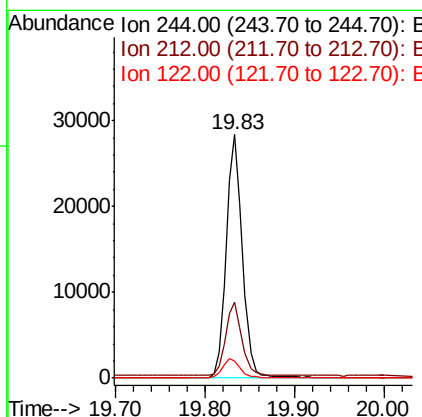
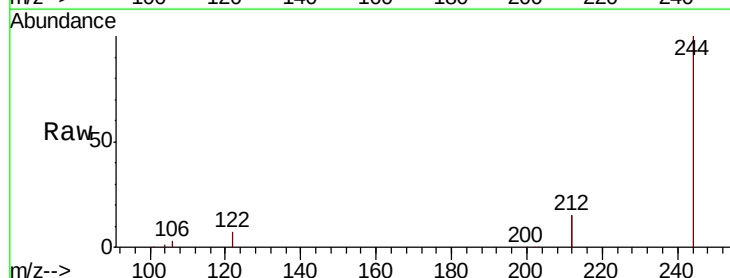
Instrument :
 BNA_E
 ClientSampleId :
 P001-TW001-04

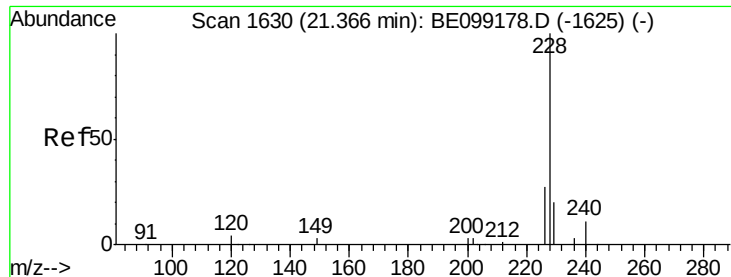
Tgt Ion: 202 Resp: 218
 Ion Ratio Lower Upper
 202 100
 200 27.5 15.8 23.8#
 203 13.8 14.1 21.1#



#29
 Terphenyl-d14
 Concen: 0.398 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BE099198.D
 Acq: 26 Mar 2019 2:30

Tgt Ion: 244 Resp: 34668
 Ion Ratio Lower Upper
 244 100
 212 30.9 22.7 34.1
 122 7.2 5.8 8.6





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

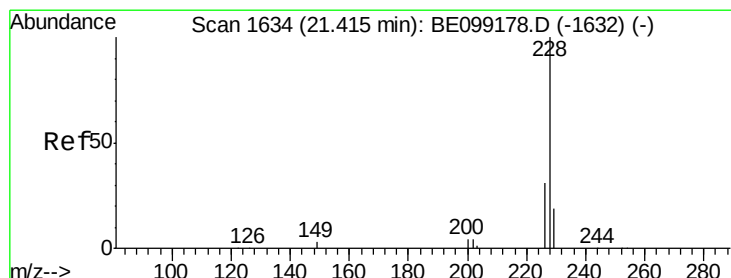
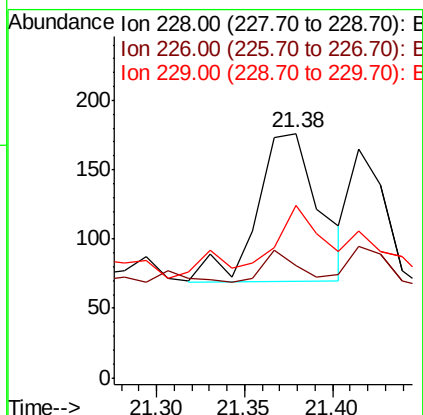
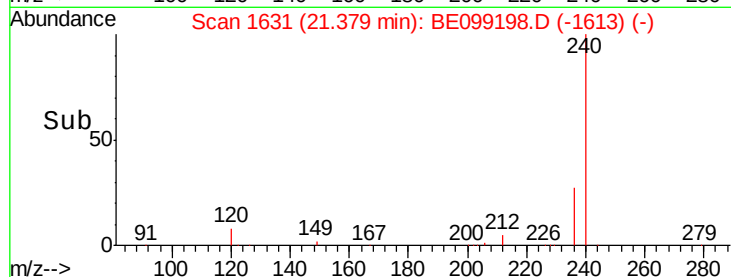
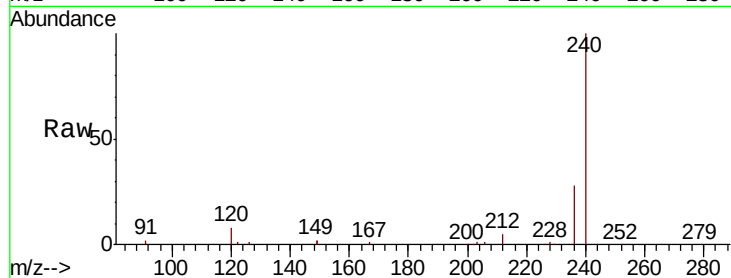
Tgt Ion:228 Resp: 262

Ion Ratio Lower Upper

228 100

226 46.0 21.7 32.5#

229 70.5 15.9 23.9#



#31

Chrysene

Concen: 0.001 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

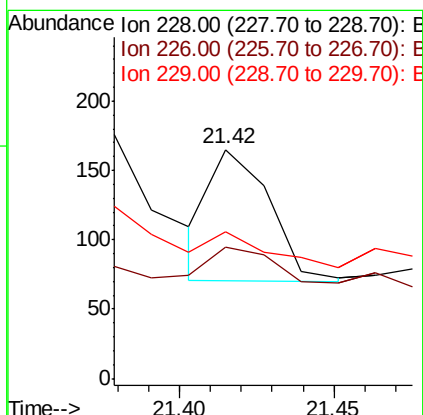
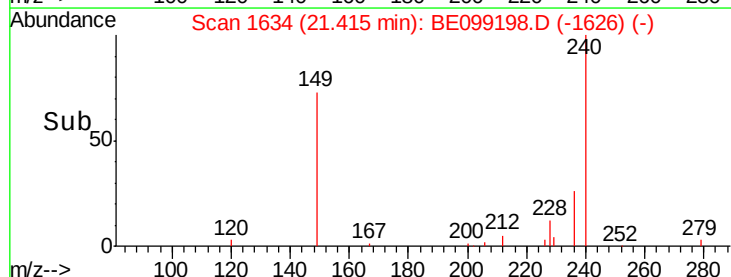
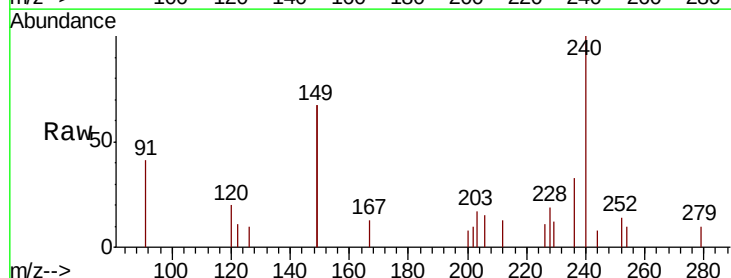
Tgt Ion:228 Resp: 125

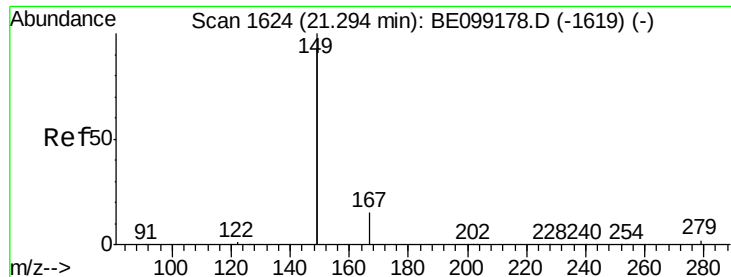
Ion Ratio Lower Upper

228 100

226 57.6 24.8 37.2#

229 64.2 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.035 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

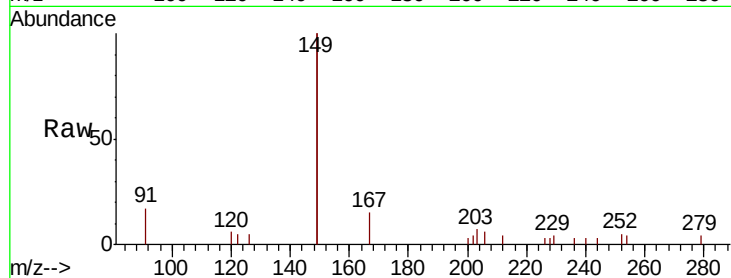
Tgt Ion:149 Resp: 5600

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

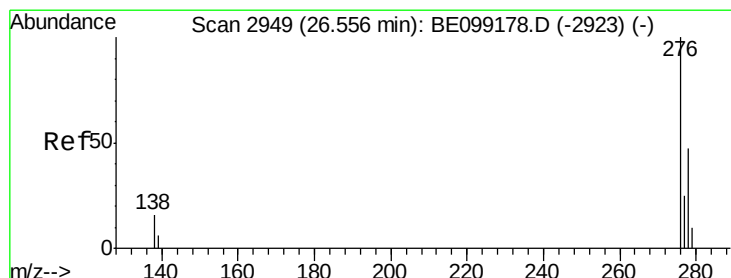
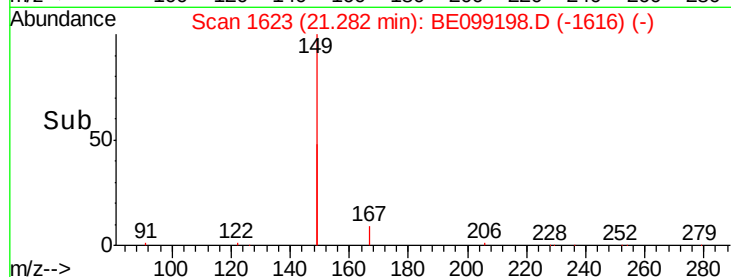
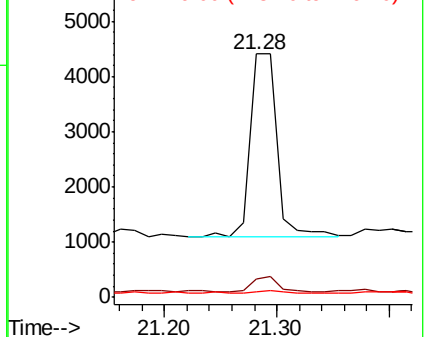
279 1.1 1.0 1.6



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: 26.54 min Scan# 2945

Delta R.T. -0.02 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

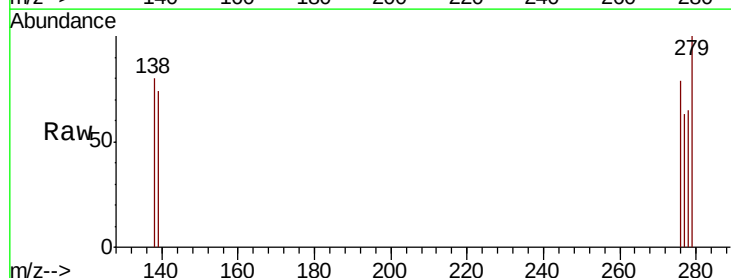
Tgt Ion:276 Resp: 21

Ion Ratio Lower Upper

276 100

138 28.6 12.9 19.3#

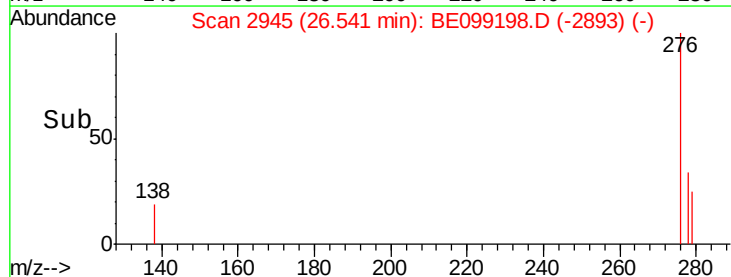
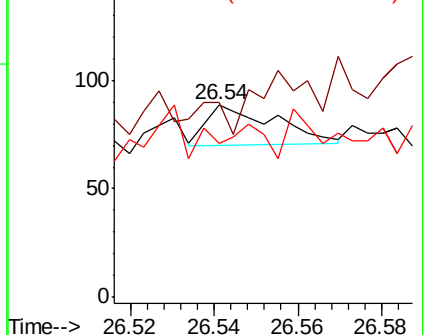
277 38.1 18.3 27.5#

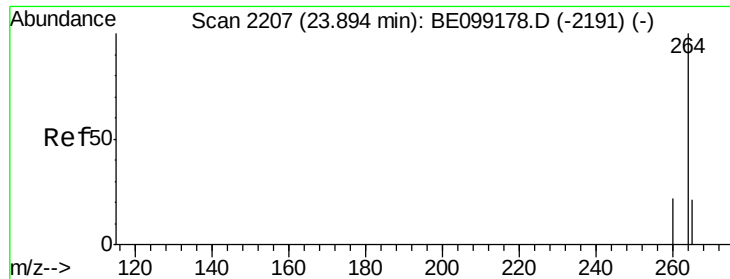


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



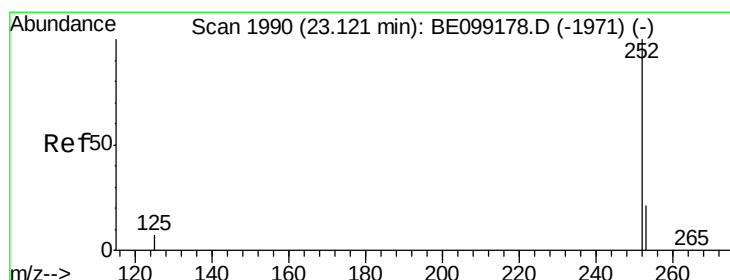
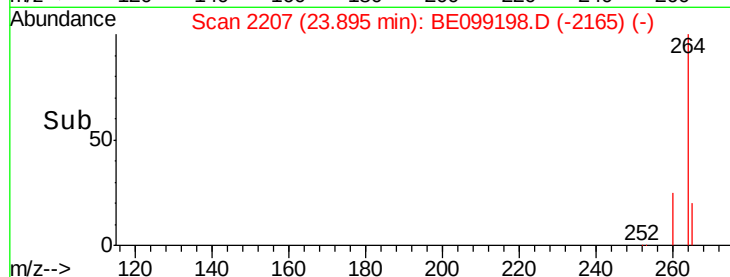
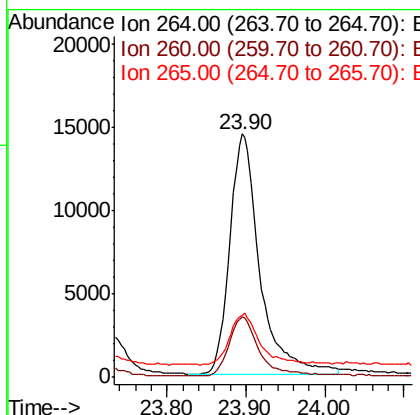
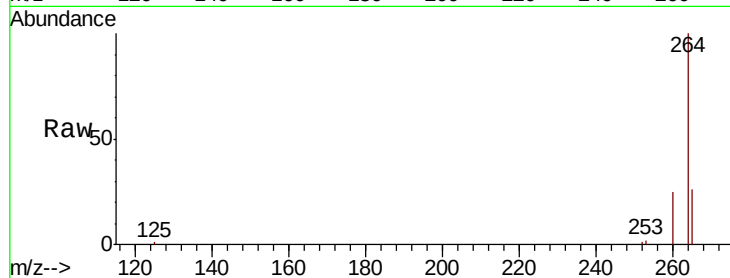


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
P001-TW001-04

Tgt Ion: 264 Resp: 38027

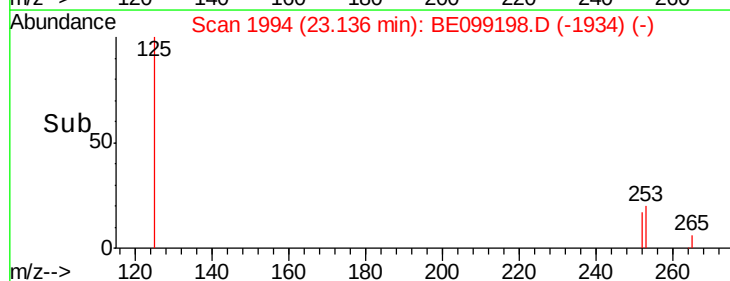
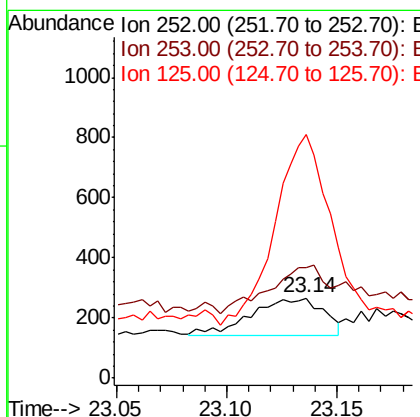
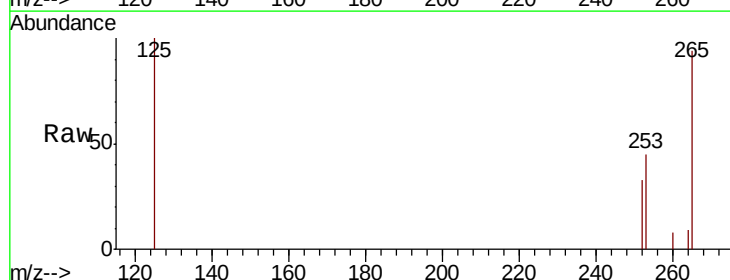
Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.2
265	25.5	21.8	32.8

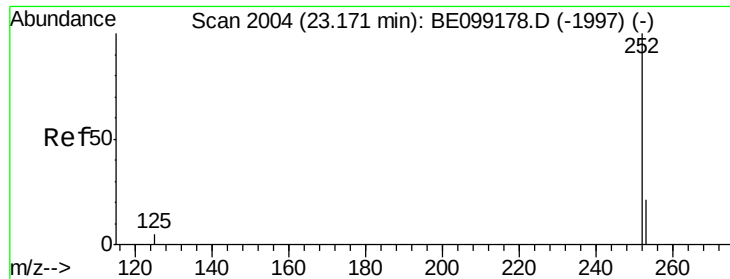


#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.14 min Scan# 1994
Delta R.T. 0.02 min
Lab File: BE099198.D
Acq: 26 Mar 2019 2:30

Tgt Ion: 252 Resp: 284

Ion	Ratio	Lower	Upper
252	100		
253	138.0	17.8	26.8#
125	304.5	6.1	9.1#





#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 23.17 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

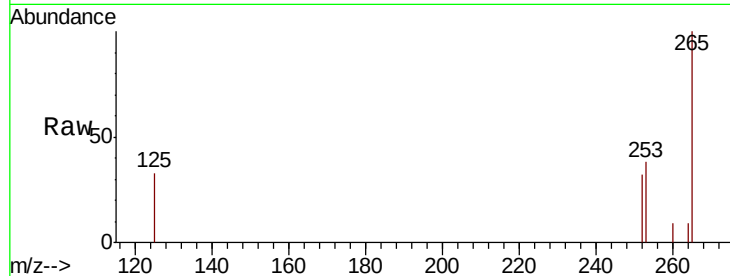
Tgt Ion: 252 Resp: 135

Ion Ratio Lower Upper

252 100

253 120.8 17.8 26.6#

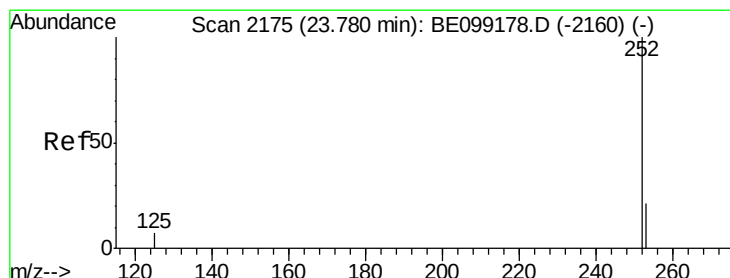
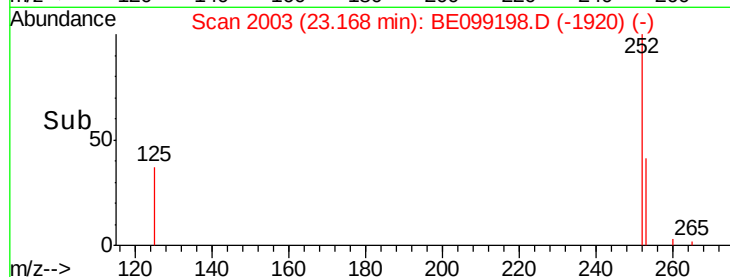
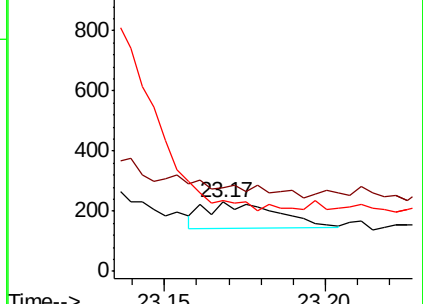
125 102.6 5.9 8.9#



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: 0.000 ng

RT: 23.79 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

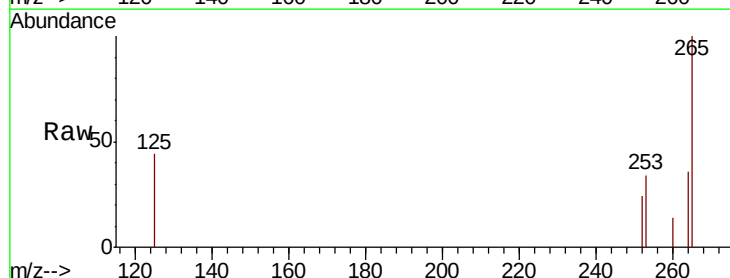
Tgt Ion: 252 Resp: 14

Ion Ratio Lower Upper

252 100

253 139.7 18.1 27.1#

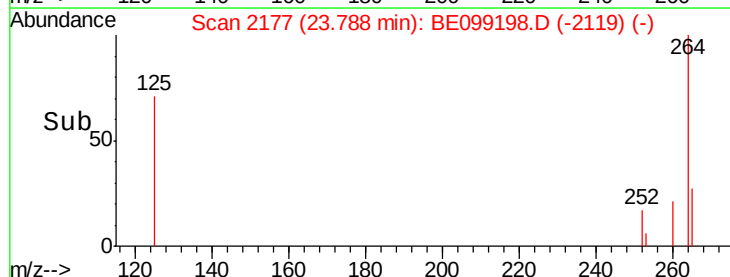
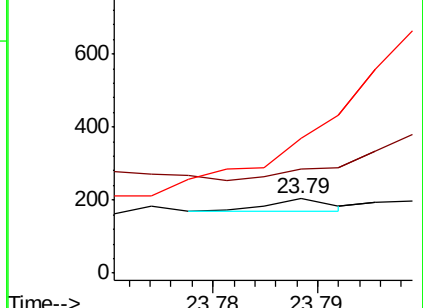
125 181.4 6.8 10.2#

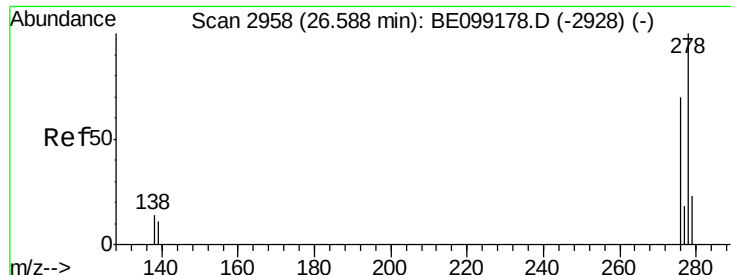


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.59 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

Instrument :

BNA_E

ClientSampleId :

P001-TW001-04

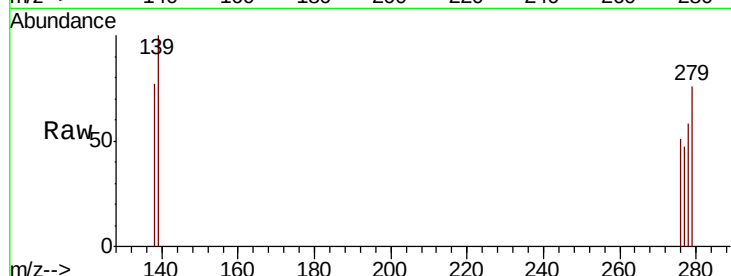
Tgt Ion:278 Resp: 21

Ion Ratio Lower Upper

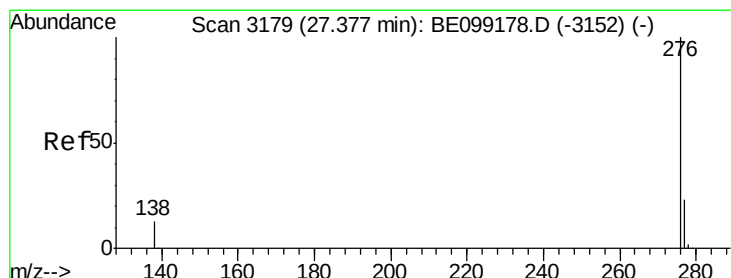
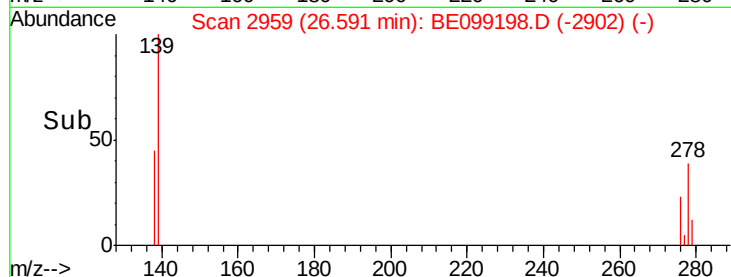
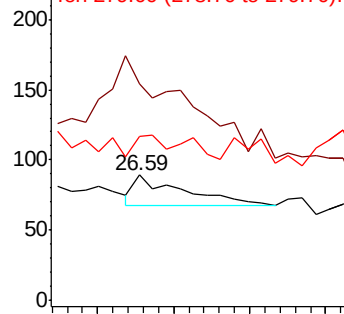
278 100

139 173.0 9.5 14.3#

279 131.5 19.1 28.7#



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: 27.37 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BE099198.D

Acq: 26 Mar 2019 2:30

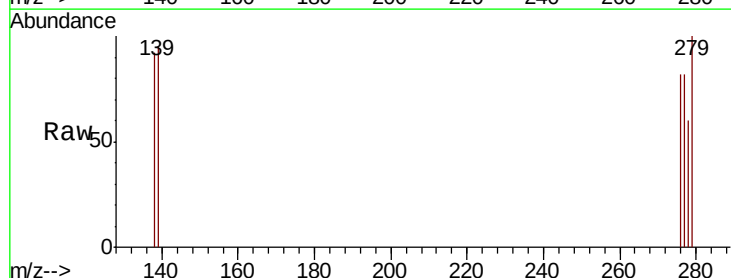
Tgt Ion:276 Resp: 9

Ion Ratio Lower Upper

276 100

277 100.0 19.0 28.4#

138 113.1 11.1 16.7#



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

