

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099870.D
 Acq On : 8 Jun 2019 1:42
 Operator : JU/SJ
 Sample : K3249-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305D-20190606

Quant Time: Jun 08 04:35:32 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 07 15:25:21 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	596	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	1908	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1455	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	4614	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9477	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11406	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	263	0.13	ng	0.00
5) Phenol-d6	6.98	99	202	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	761	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1198	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	420	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2383	0.45	ng	0.00
25) Fluoranthene-d10	19.25	212	29764	0.42	ng	0.00
29) Terphenyl-d14	19.85	244	8481	0.48	ng	-0.01

Target Compounds

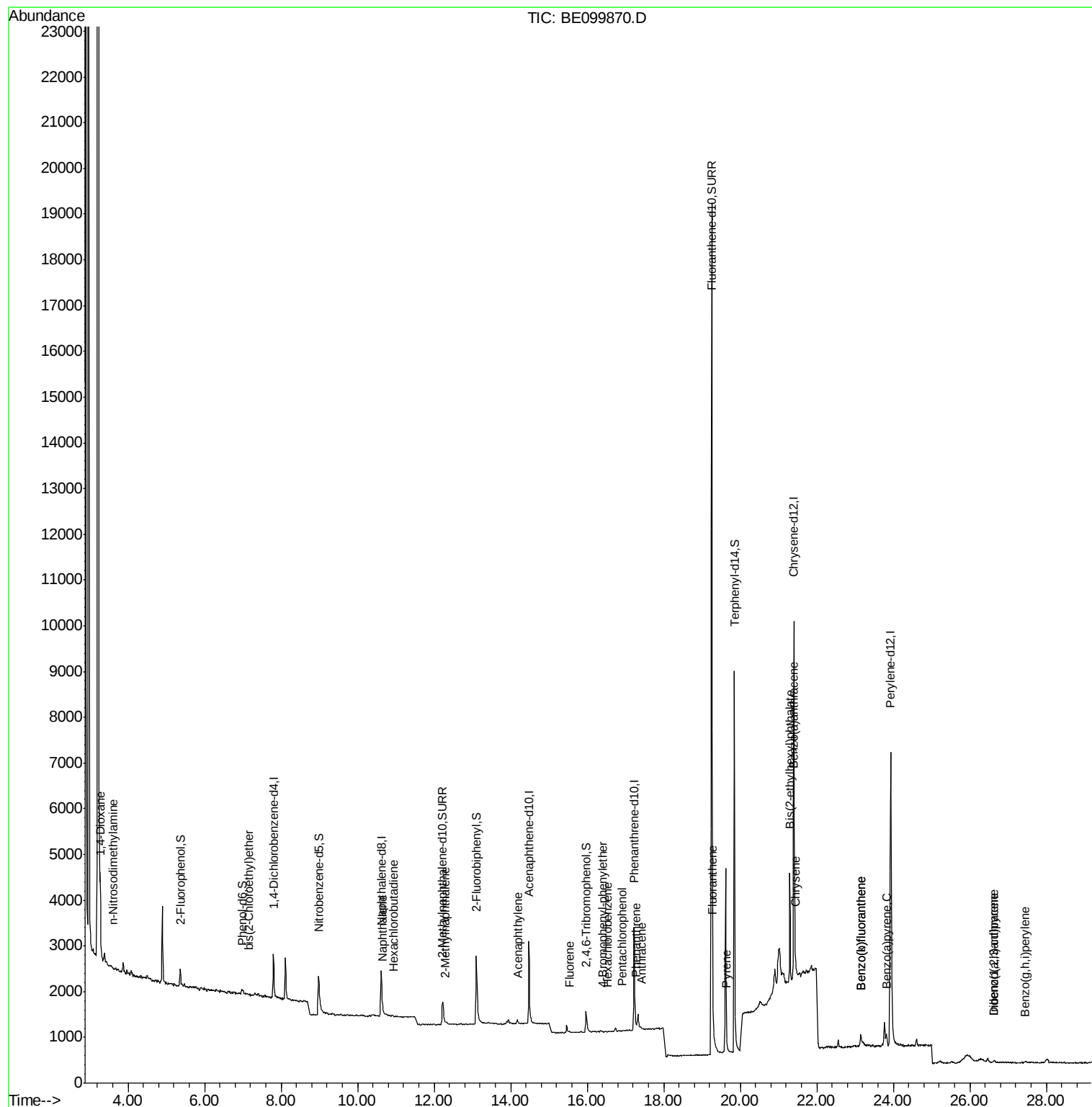
					Qvalue	
2) 1,4-Dioxane	3.28	88	965	1.196	ng	# 86
3) n-Nitrosodimethylamine	3.61	42	16	0.028	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	13	0.007	ng	# 2
9) Naphthalene	10.65	128	123	0.006	ng	# 45
10) Hexachlorobutadiene	10.93	225	2	0.001	ng	# 33
12) 2-Methylnaphthalene	12.30	142	9	0.003	ng	# 62
16) Acenaphthylene	14.20	152	8	0.001	ng	# 61
18) Fluorene	15.53	166	10	0.002	ng	# 1
20) 4-Bromophenyl-phenylether	16.41	248	3	0.001	ng	# 58
21) Hexachlorobenzene	16.53	284	3	0.001	ng	# 1
22) Pentachlorophenol	16.92	266	4	0.232	ng	# 85
23) Phenanthrene	17.27	178	40	0.003	ng	# 73
24) Anthracene	17.43	178	18	0.002	ng	# 45
26) Fluoranthene	19.28	202	58	0.003	ng	# 71
28) Pyrene	19.64	202	61	0.002	ng	# 94
30) Benzo(a)anthracene	21.39	228	92	0.003	ng	# 1
31) Chrysene	21.44	228	108	0.004	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	3071	0.063	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.62	276	21	0.001	ng	# 88
35) Benzo(b)fluoranthene	23.15	252	169	0.005	ng	# 1
36) Benzo(k)fluoranthene	23.15	252	169	0.005	ng	# 1
37) Benzo(a)pyrene	23.82	252	76	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	26.63	278	8	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.45	276	15	0.000	ng	# 1

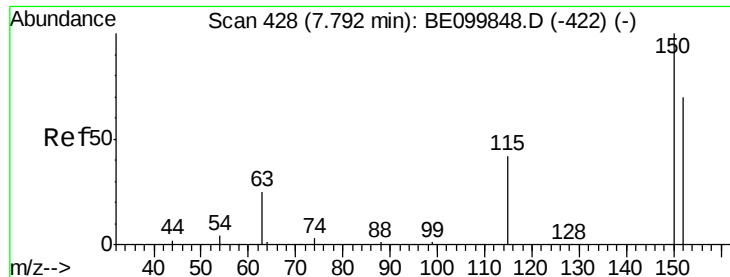
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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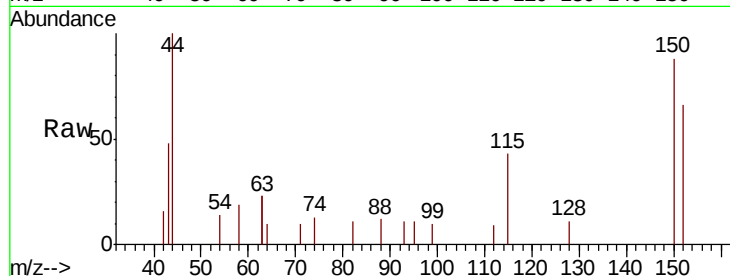


#1

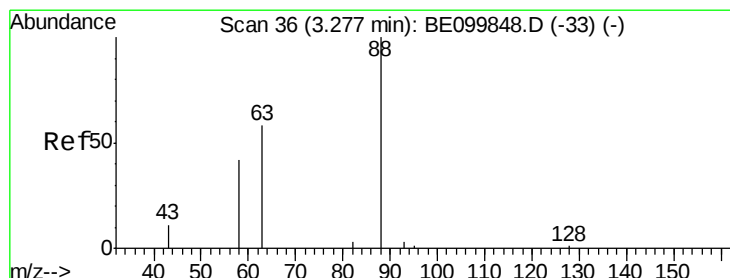
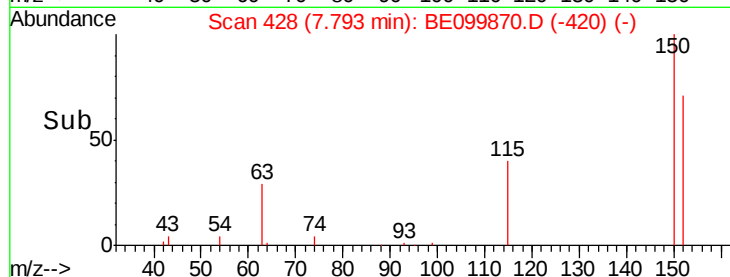
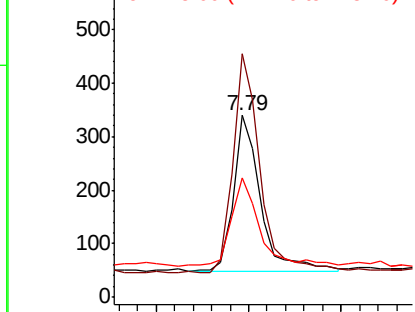
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099870.D
Acq: 8 Jun 2019 1:42

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20190606

Tgt Ion: 152 Resp: 596
Ion Ratio Lower Upper
152 100
150 133.8 112.8 169.2
115 65.6 47.6 71.4



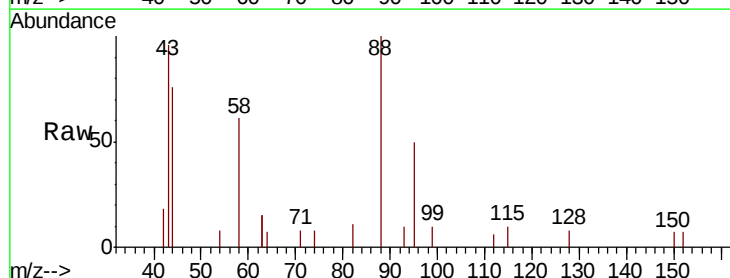
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



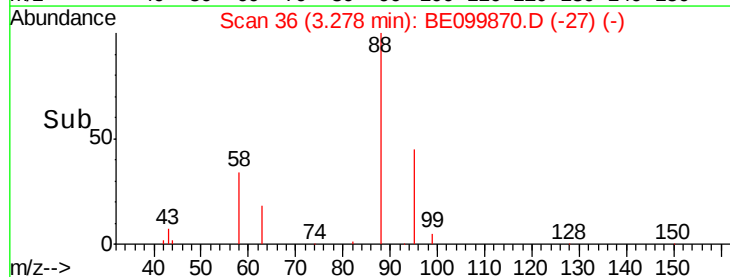
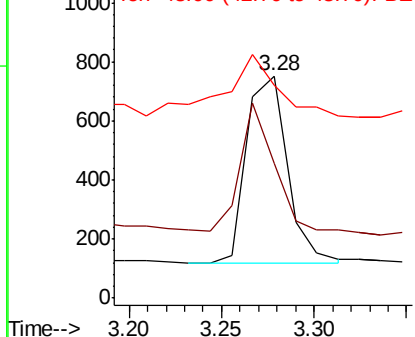
#2

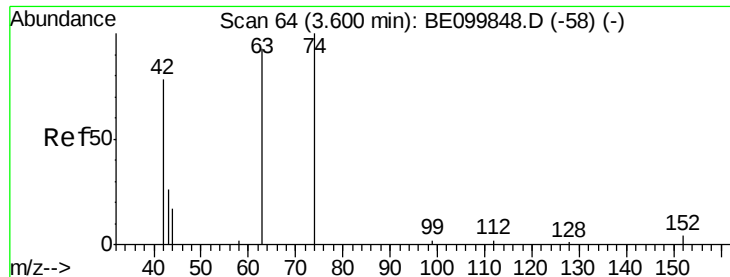
1,4-Dioxane
Concen: 1.196 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099870.D
Acq: 8 Jun 2019 1:42

Tgt Ion: 88 Resp: 965
Ion Ratio Lower Upper
88 100
58 58.0 47.3 70.9
43 44.8 18.2 27.4#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.028 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

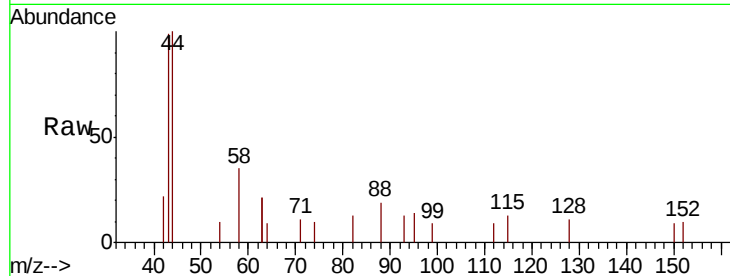
Instrument :

BNA_E

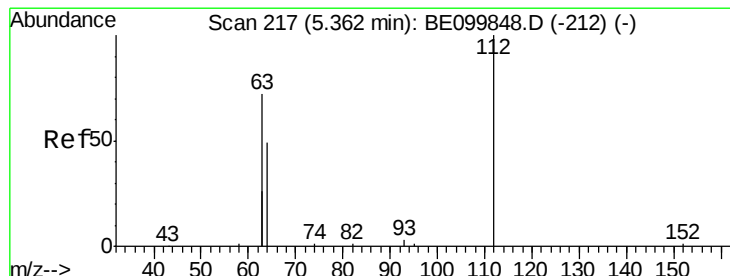
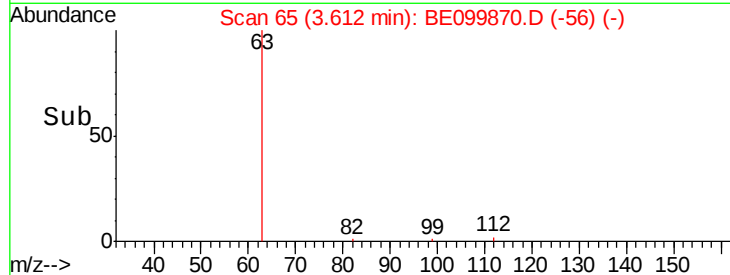
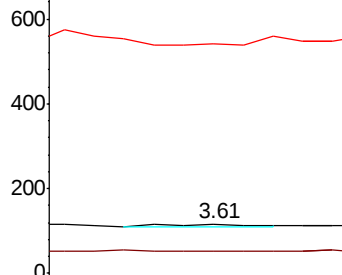
ClientSampleId :

BPS1-TT-MW305D-20190606

Tgt Ion:	42	Resp:	16
Ion	Ratio	Lower	Upper
42	100		
74	0.0	132.6	198.8#
44	0.0	13.4	20.0#



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



#4

2-Fluorophenol

Concen: 0.132 ng

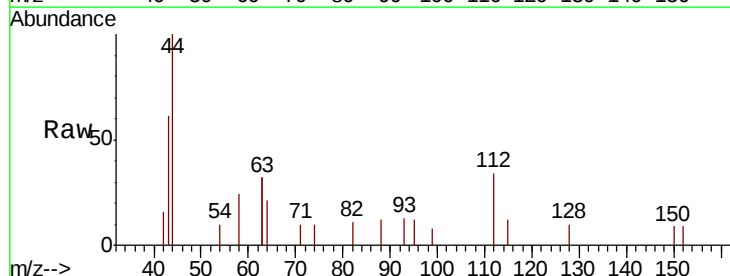
RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

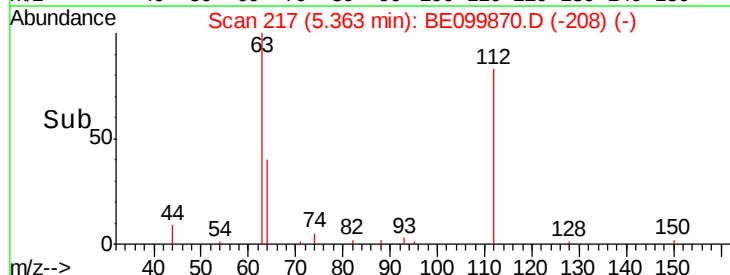
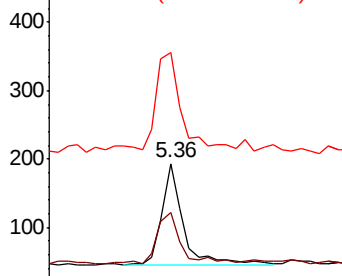
Lab File: BE099870.D

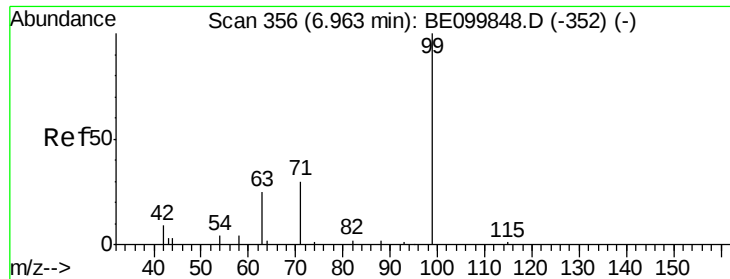
Acq: 8 Jun 2019 1:42

Tgt Ion:	112	Resp:	263
Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.2	70.8
63	112.9	90.7	136.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.082 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190606

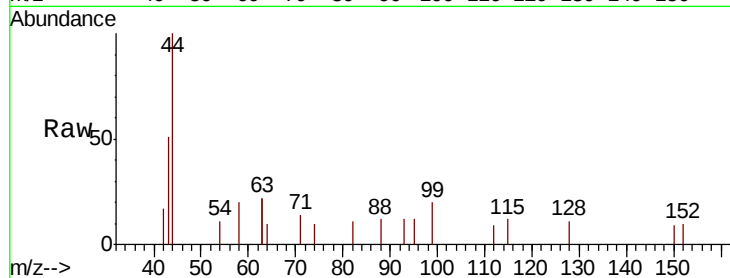
Tgt Ion: 99 Resp: 202

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

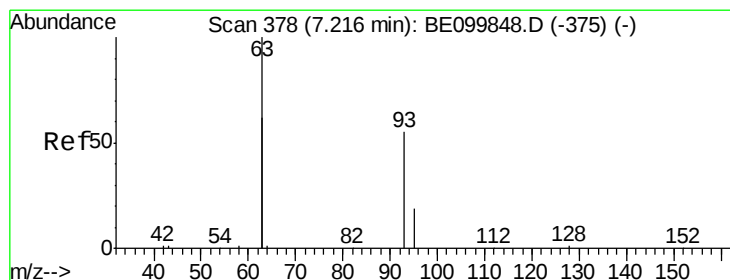
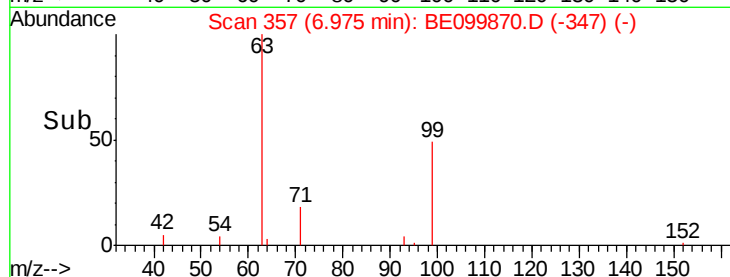
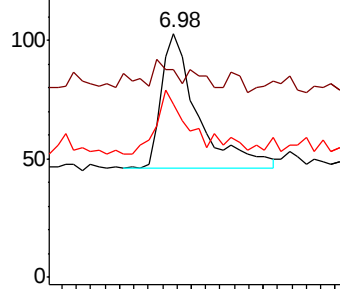
71 37.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.007 ng

RT: 7.16 min Scan# 373

Delta R.T. -0.07 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

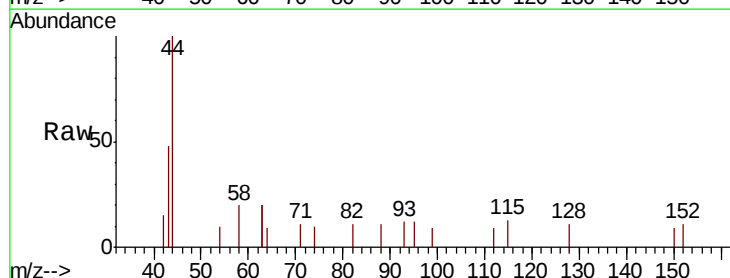
Tgt Ion: 93 Resp: 13

Ion Ratio Lower Upper

93 100

63 76.9 208.8 313.2#

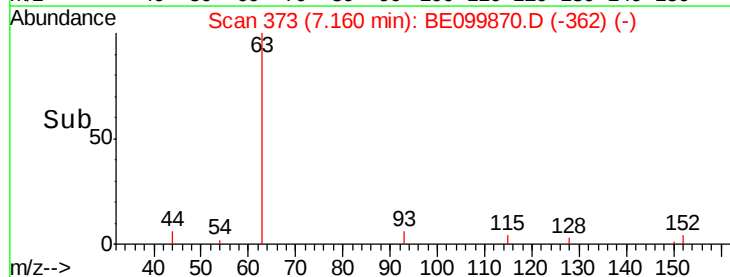
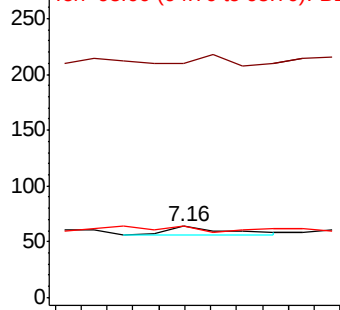
95 0.0 27.6 41.4#

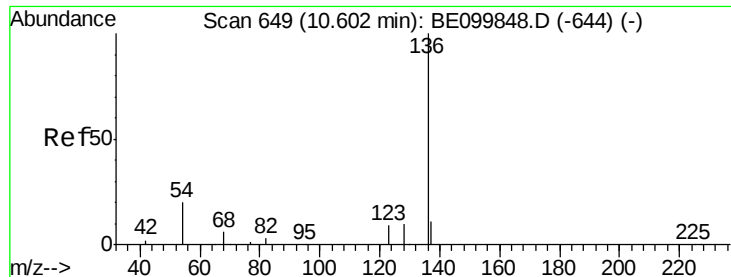


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190606

Tgt Ion: 136 Resp: 1908

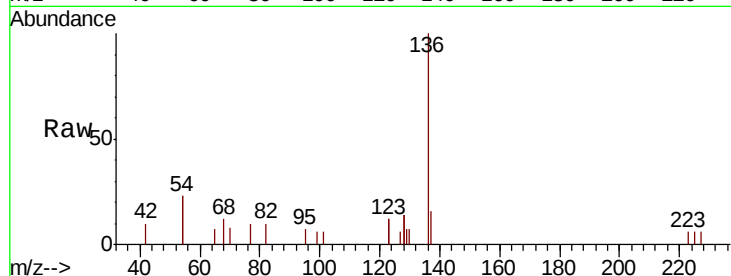
Ion Ratio Lower Upper

136 100

137 15.9 11.1 16.7

54 45.4 17.9 26.9#

68 12.0 5.4 8.0#

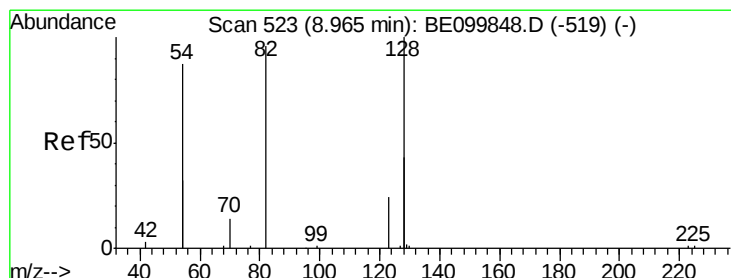
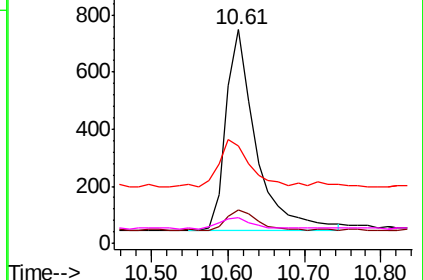
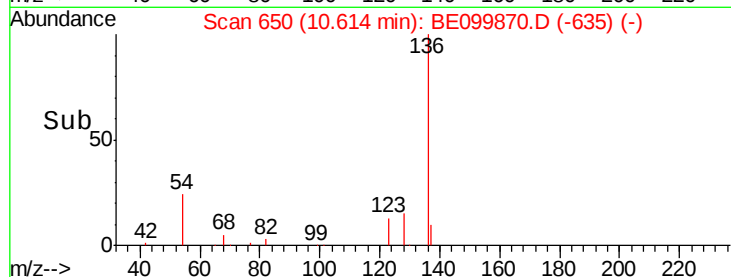


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.395 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

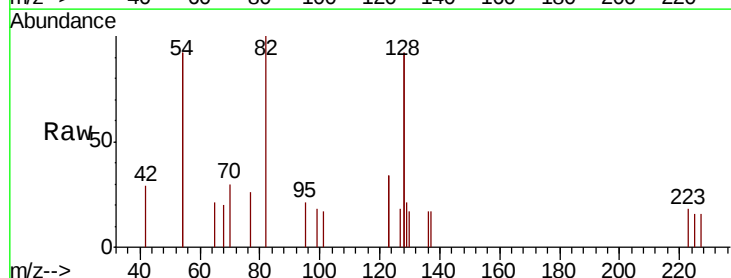
Tgt Ion: 82 Resp: 761

Ion Ratio Lower Upper

82 100

128 184.6 116.6 175.0#

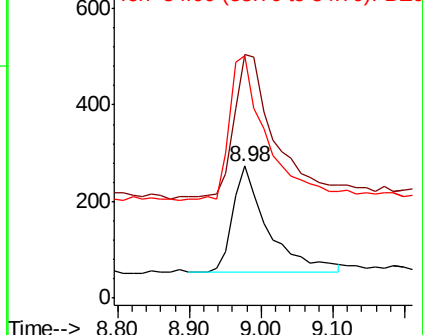
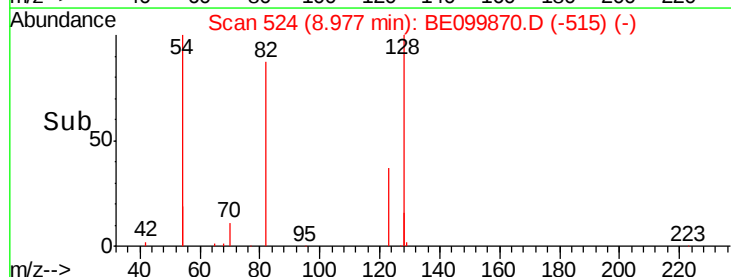
54 183.9 136.2 204.4

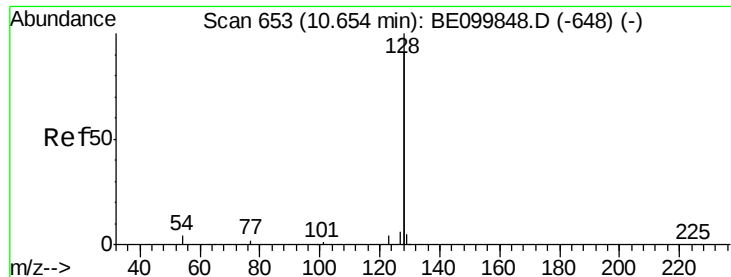


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.006 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190606

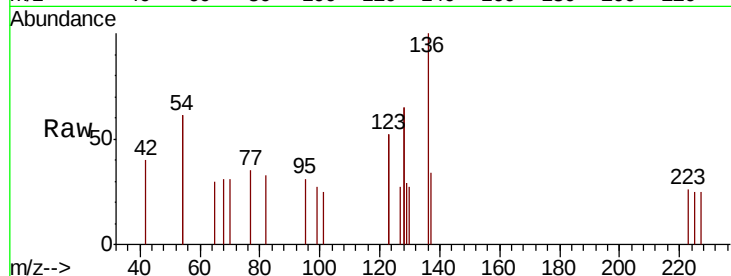
Tgt Ion:128 Resp: 123

Ion Ratio Lower Upper

128 100

129 22.2 2.6 4.0#

127 20.9 3.0 4.6#



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

10.65

250

200

150

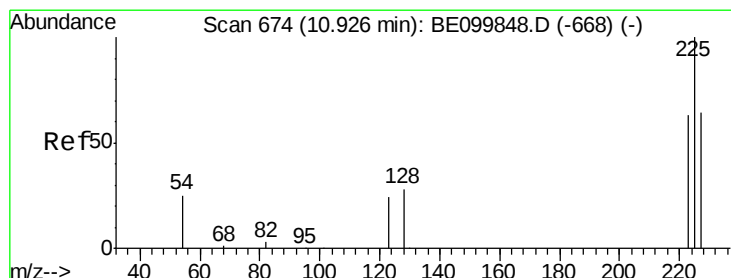
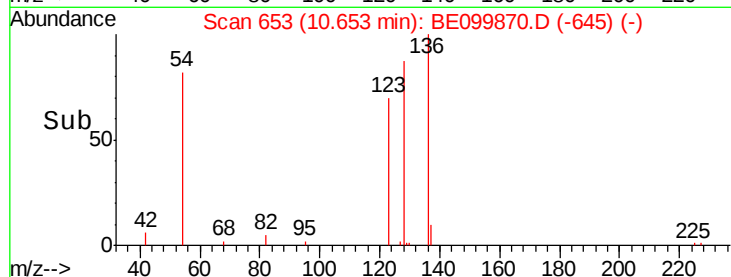
100

50

0

10.60 10.70

Time-->



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

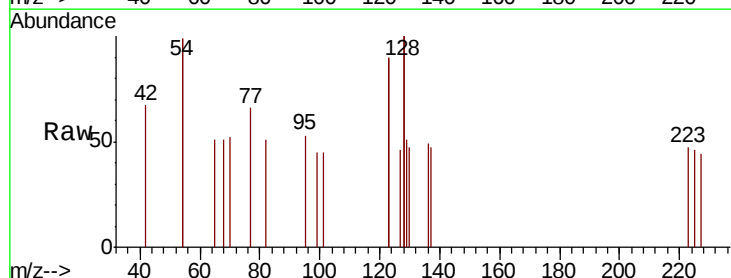
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 100.0 48.6 72.8#

227 0.0 51.6 77.4#



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

10.93

60

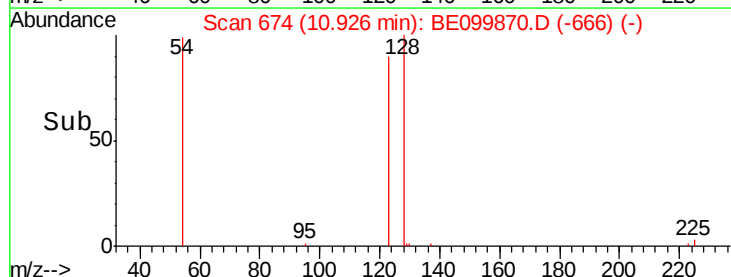
40

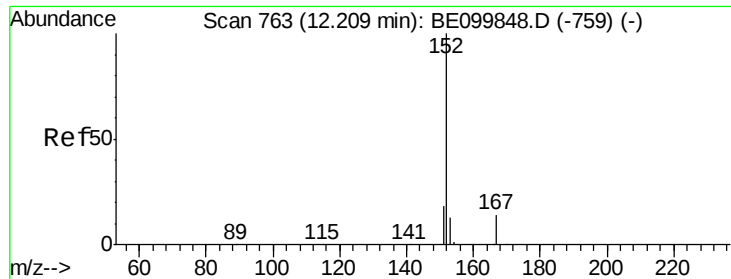
20

0

10.90 10.92 10.94 10.96

Time-->

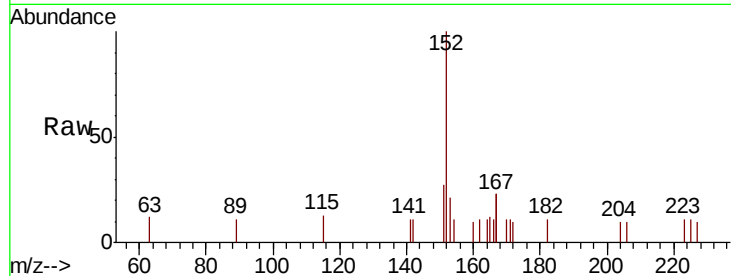




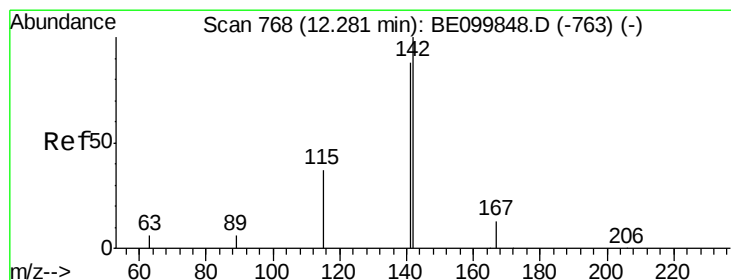
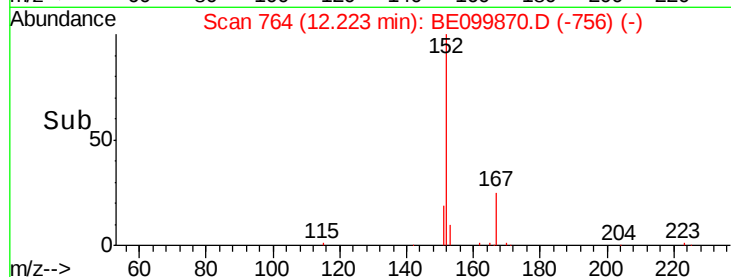
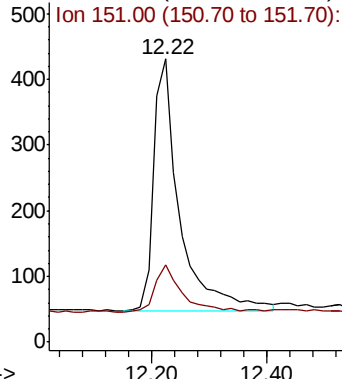
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099870.D
Acq: 8 Jun 2019 1:42

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20190606

Tgt Ion:152 Resp: 1198
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8

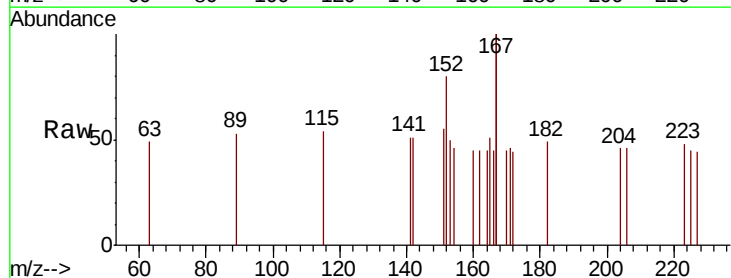


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

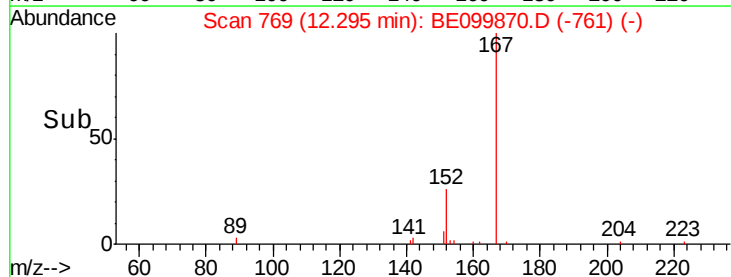
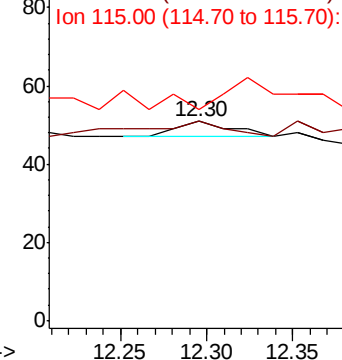


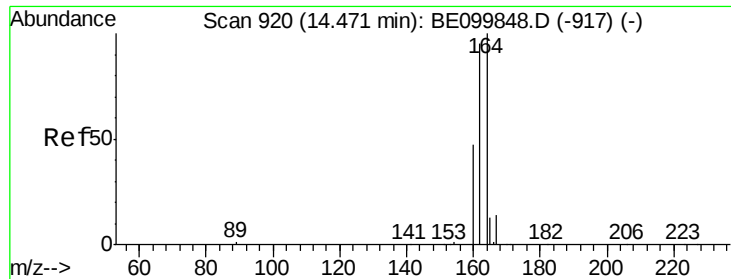
#12
2-Methylnaphthalene
Concen: 0.003 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099870.D
Acq: 8 Jun 2019 1:42

Tgt Ion:142 Resp: 9
Ion Ratio Lower Upper
142 100
141 100.0 73.3 109.9
115 105.9 33.4 50.2#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

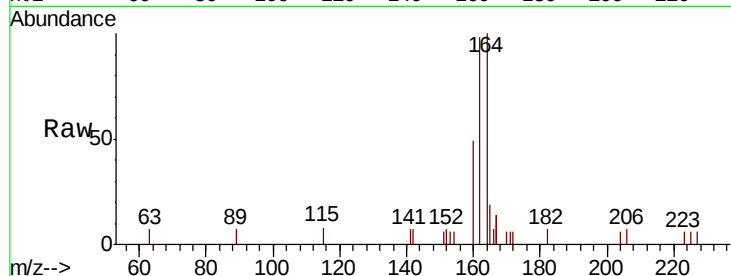




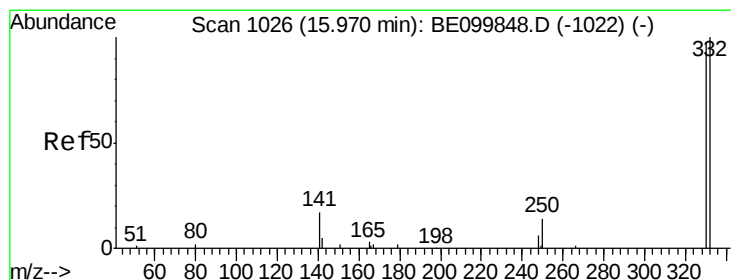
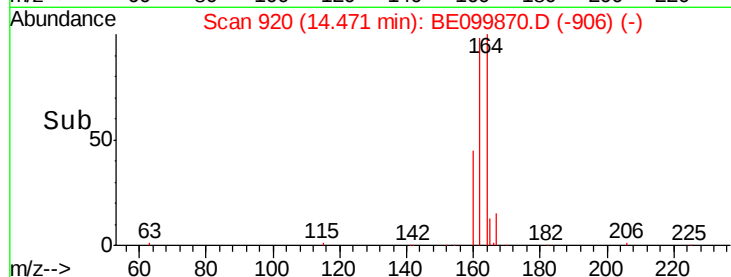
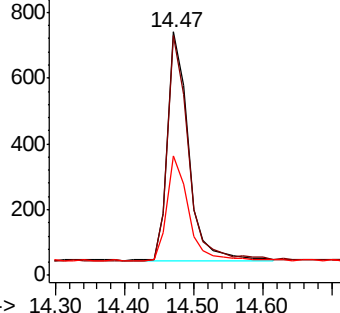
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099870.D
 Acq: 8 Jun 2019 1:42

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305D-20190606

Tgt Ion:164 Resp: 1455
 Ion Ratio Lower Upper
 164 100
 162 98.2 77.2 115.8
 160 49.1 39.4 59.2

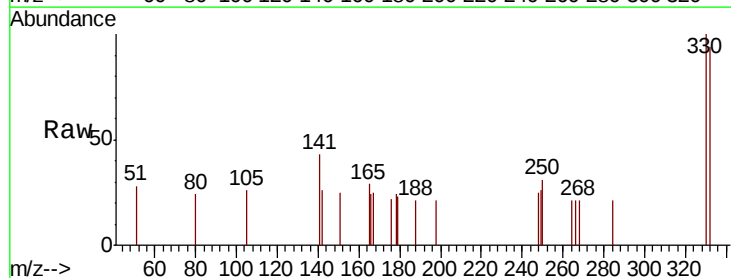


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

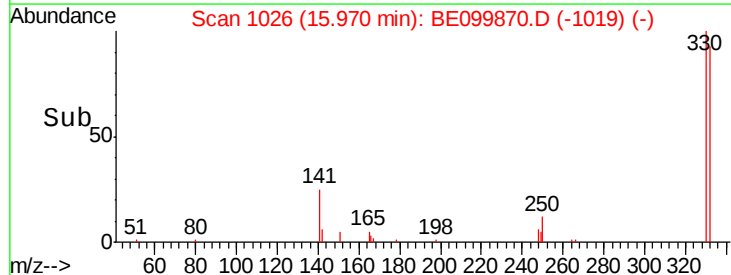
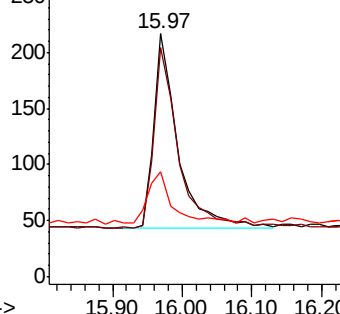


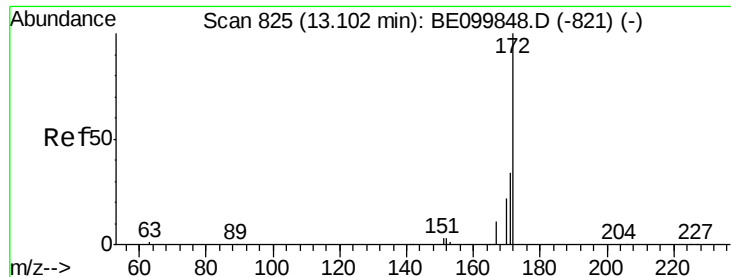
#14
 2,4,6-Tribromophenol
 Concen: 0.292 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099870.D
 Acq: 8 Jun 2019 1:42

Tgt Ion:330 Resp: 420
 Ion Ratio Lower Upper
 330 100
 332 97.9 74.9 112.3
 141 25.7 16.0 24.0#



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

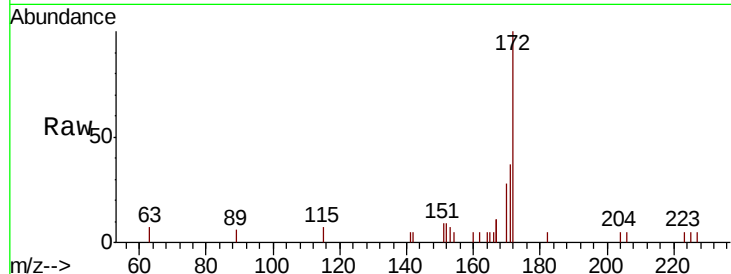




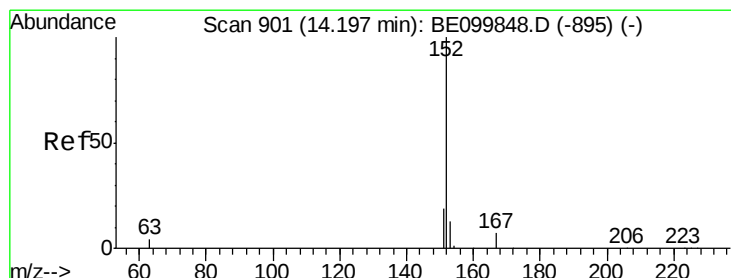
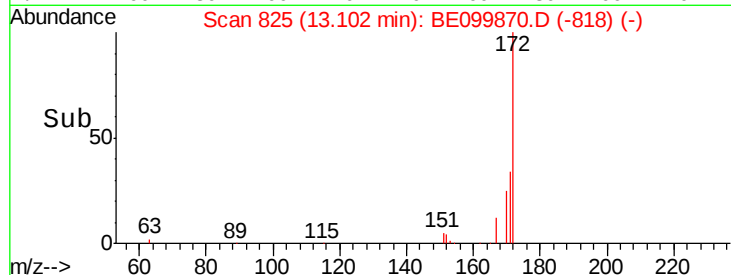
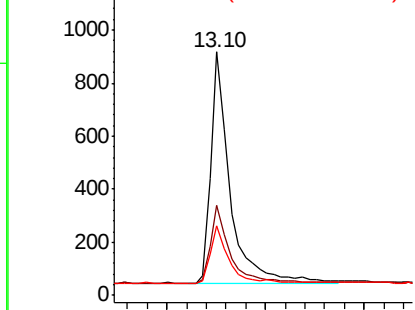
#15
2-Fluorobiphenyl
Concen: 0.453 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099870.D
Acq: 8 Jun 2019 1:42

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20190606

Tgt Ion:172 Resp: 2383
Ion Ratio Lower Upper
172 100
171 36.9 30.2 45.4
170 28.3 20.1 30.1

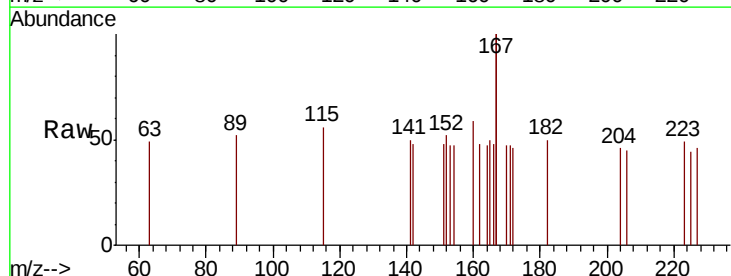


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

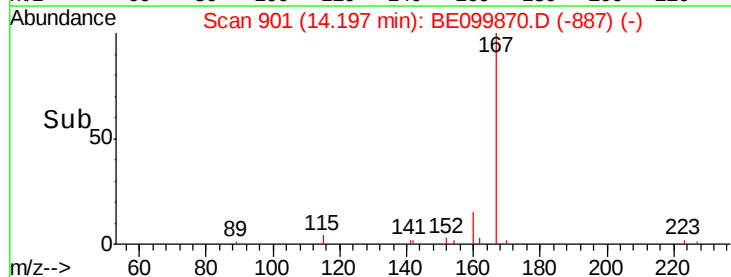
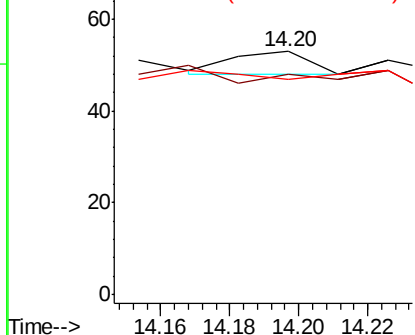


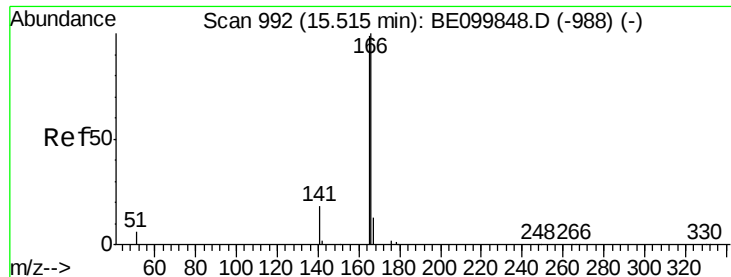
#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099870.D
Acq: 8 Jun 2019 1:42

Tgt Ion:152 Resp: 8
Ion Ratio Lower Upper
152 100
151 0.0 15.9 23.9#
153 0.0 10.8 16.2#



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





#18

Fluorene

Concen: 0.002 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190606

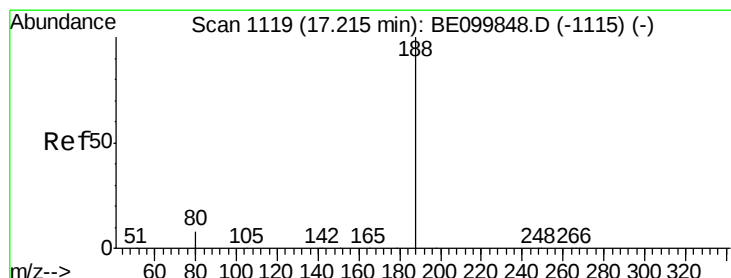
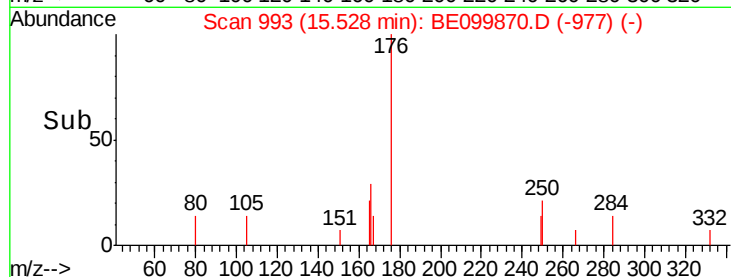
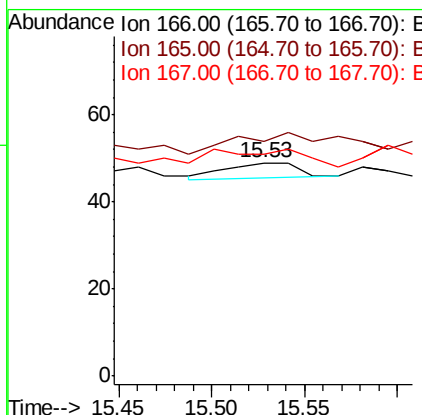
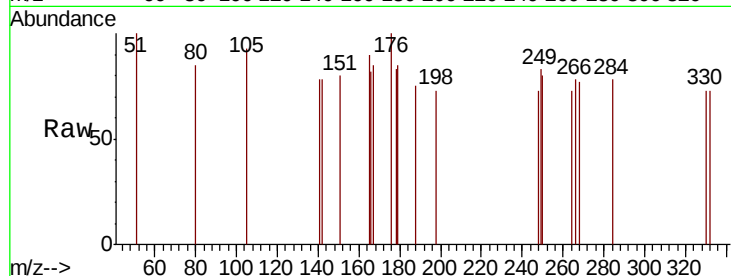
Tgt Ion:166 Resp: 10

Ion Ratio Lower Upper

166 100

165 270.0 80.4 120.6#

167 0.0 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

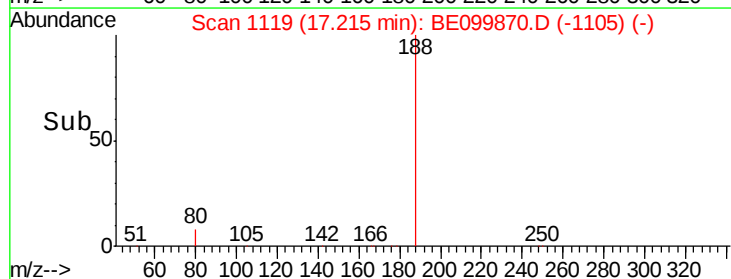
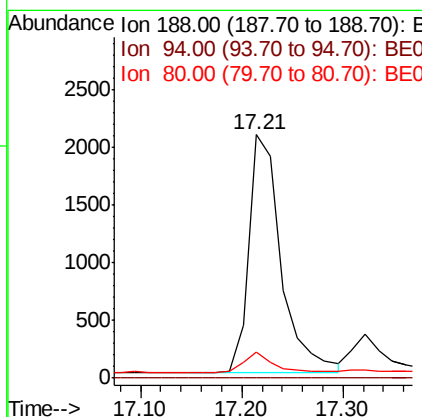
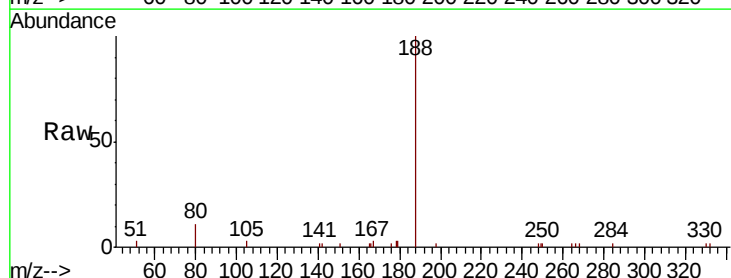
Tgt Ion:188 Resp: 4614

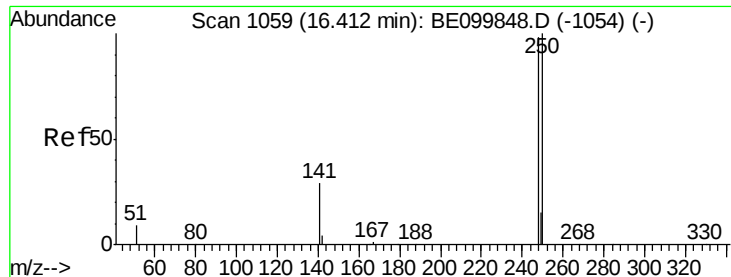
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 5.2 7.8#





#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

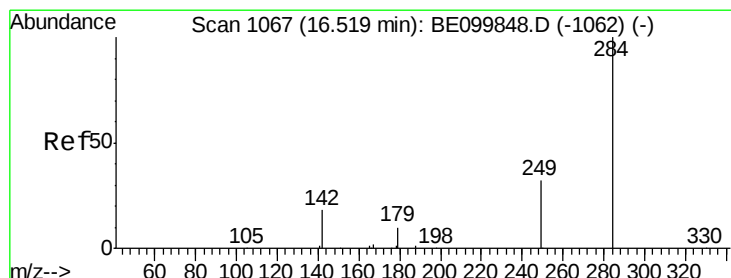
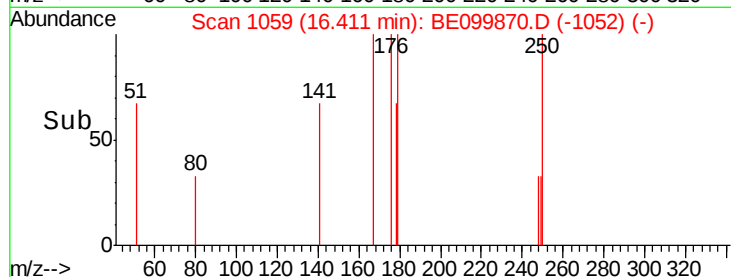
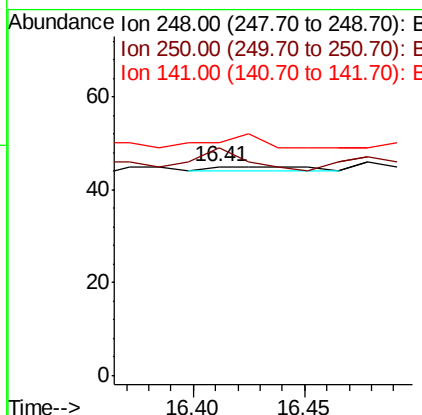
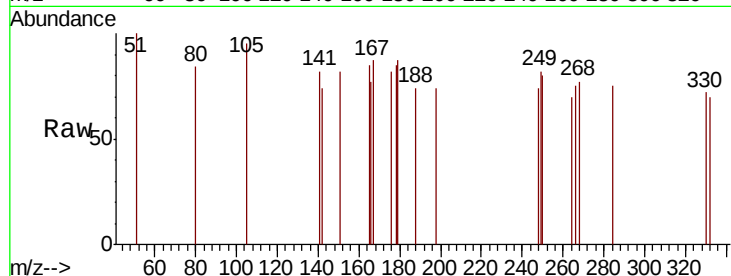
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190606

Tgt Ion:	248	Resp:	3
Ion	Ratio	Lower	Upper
248	100		
250	108.9	73.7	110.5
141	111.1	40.9	61.3#



#21

Hexachlorobenzene

Concen: 0.001 ng

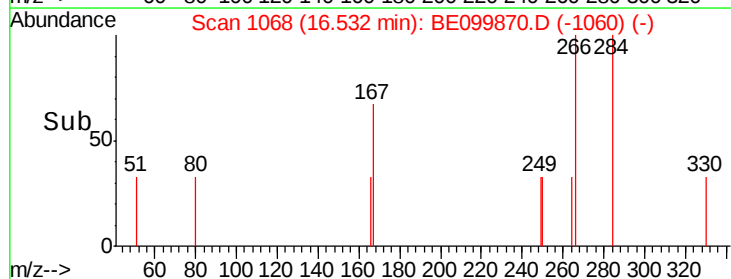
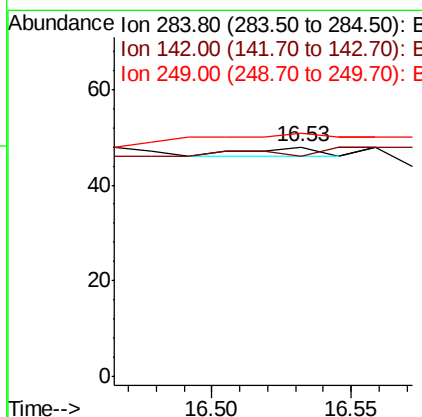
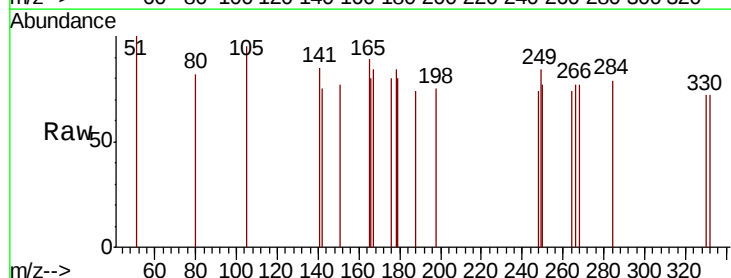
RT: 16.53 min Scan# 1068

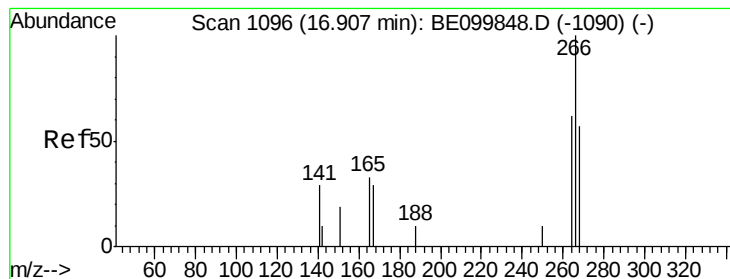
Delta R.T. 0.01 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

Tgt Ion:	284	Resp:	3
Ion	Ratio	Lower	Upper
284	100		
142	0.0	16.2	24.4#
249	333.3	23.1	34.7#





#22

Pentachlorophenol

Concen: 0.232 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE099870.D

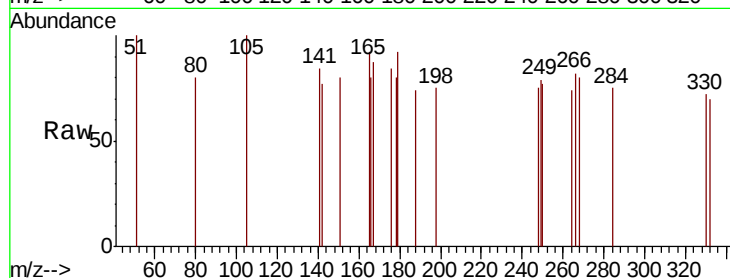
Acq: 8 Jun 2019 1:42

Instrument :

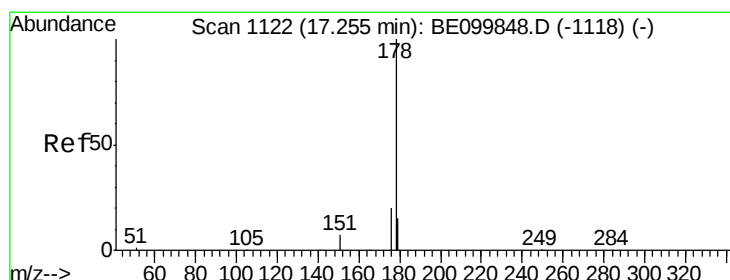
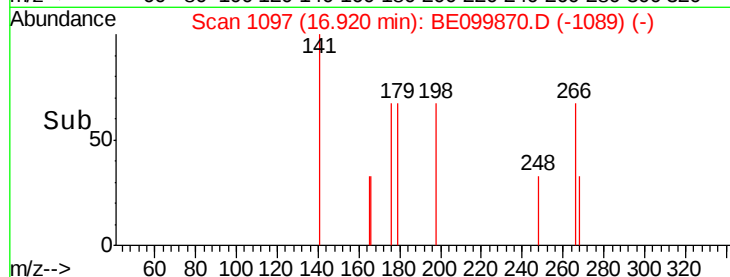
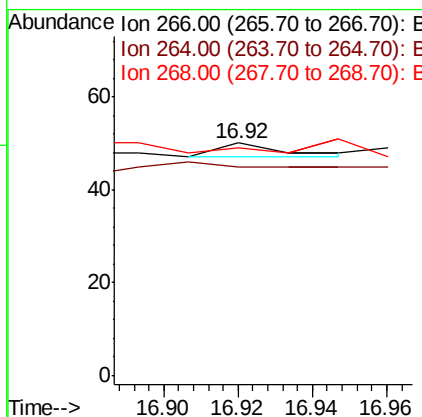
BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190606



Tgt Ion:	266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
264	90.0	64.9	97.3
268	98.0	64.0	96.0#



#23

Phenanthrene

Concen: 0.003 ng

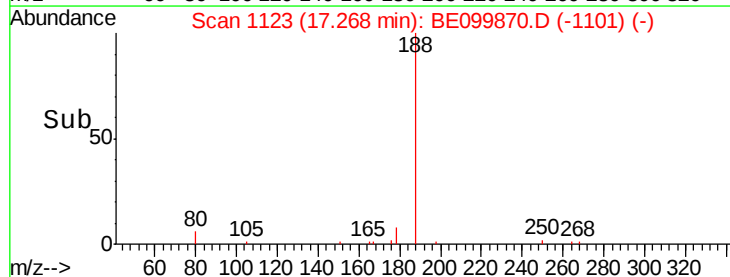
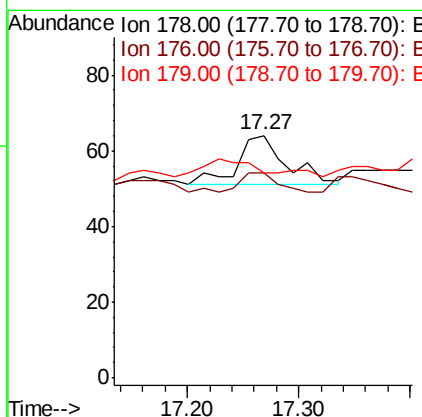
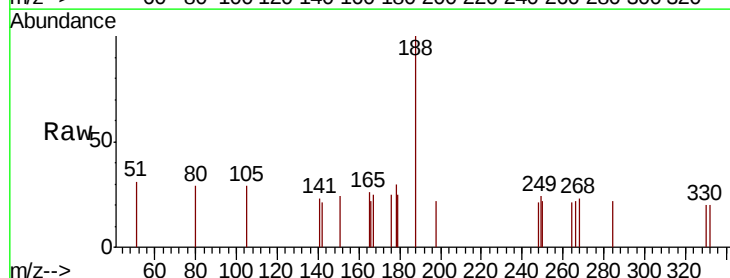
RT: 17.27 min Scan# 1123

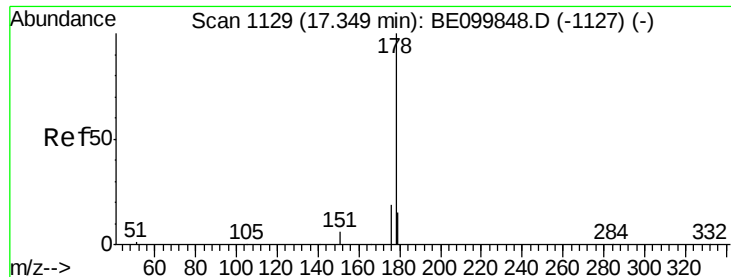
Delta R.T. 0.00 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

Tgt Ion:	178	Resp:	40
Ion	Ratio	Lower	Upper
178	100		
176	27.5	15.4	23.0#
179	0.0	12.5	18.7#





#24

Anthracene

Concen: 0.002 ng

RT: 17.43 min Scan# 1135

Delta R.T. 0.07 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190606

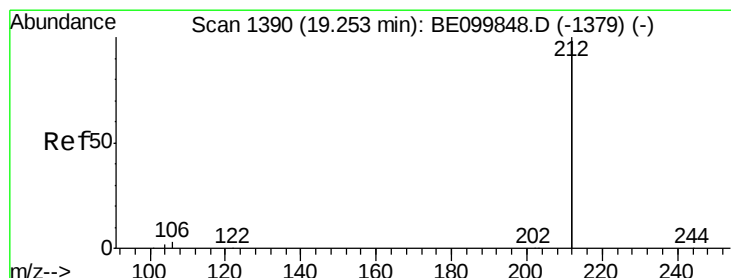
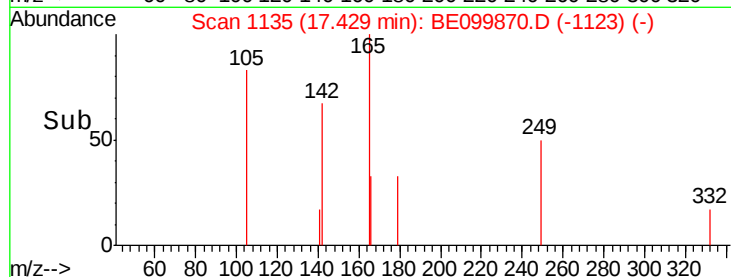
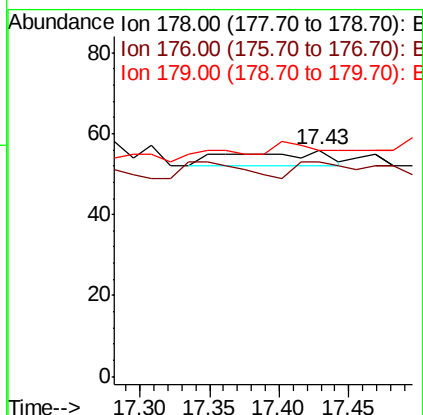
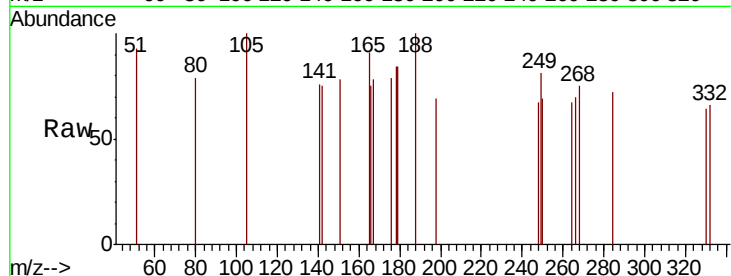
Tgt Ion:178 Resp: 18

Ion Ratio Lower Upper

178 100

176 50.0 15.1 22.7#

179 0.0 12.1 18.1#



#25

Fluoranthene-d10

Concen: 0.416 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

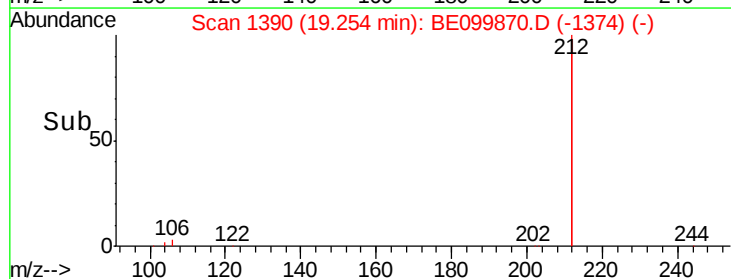
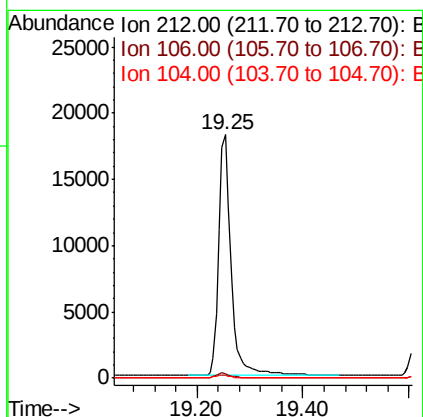
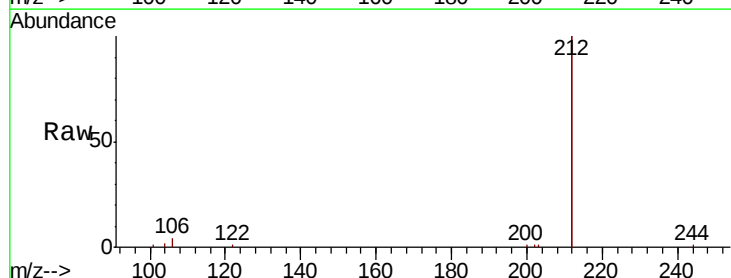
Tgt Ion:212 Resp: 29764

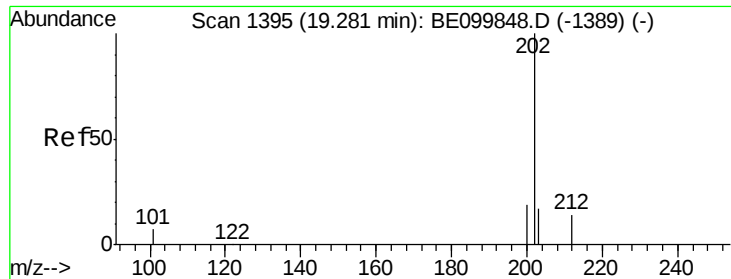
Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

104 1.0 0.8 1.2

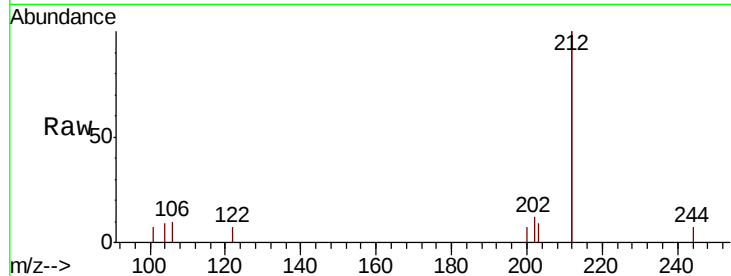




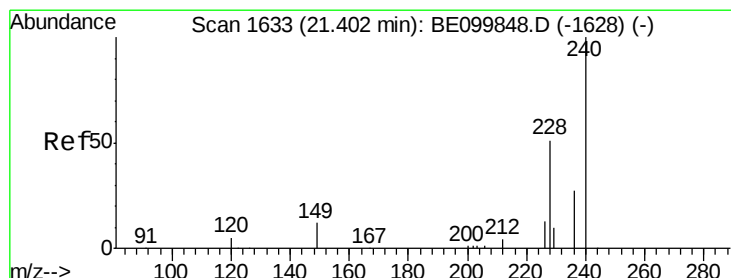
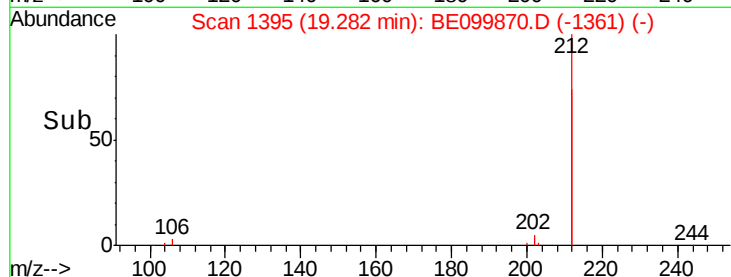
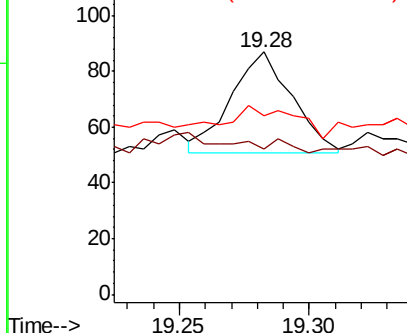
#26
Fluoranthene
Concen: 0.003 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099870.D
Acq: 8 Jun 2019 1:42

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20190606

Tgt Ion: 202 Resp: 58
Ion Ratio Lower Upper
202 100
101 0.0 5.2 7.8#
203 31.0 13.6 20.4#

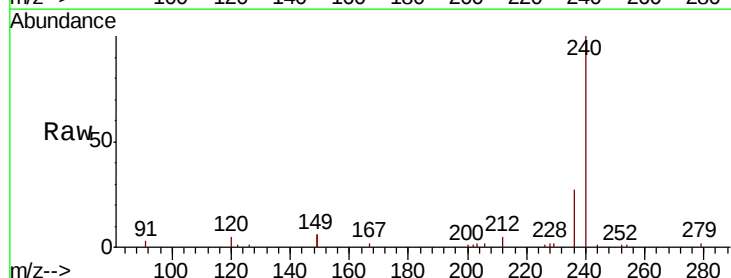


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

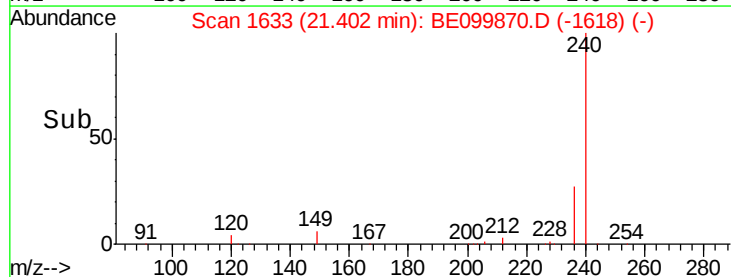
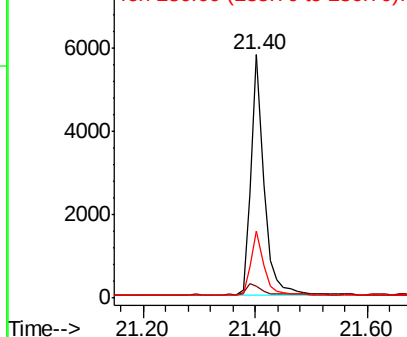


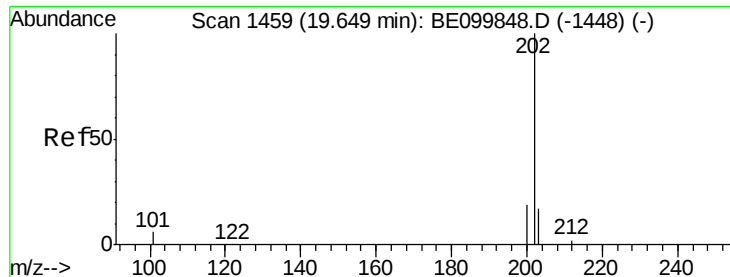
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099870.D
Acq: 8 Jun 2019 1:42

Tgt Ion: 240 Resp: 9477
Ion Ratio Lower Upper
240 100
120 5.1 2.8 4.2#
236 27.4 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: 19.64 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

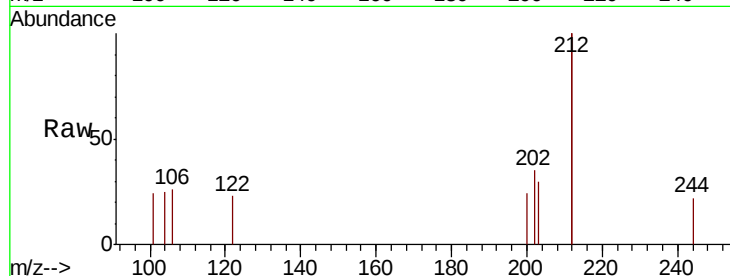
Instrument :

BNA_E

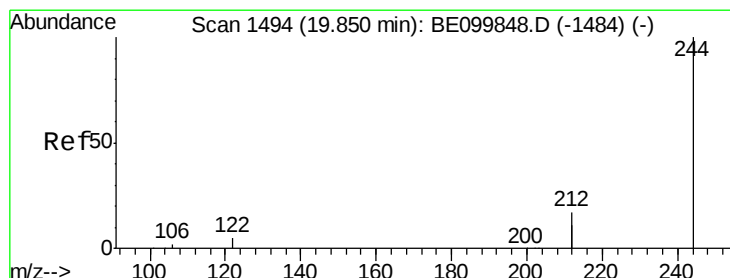
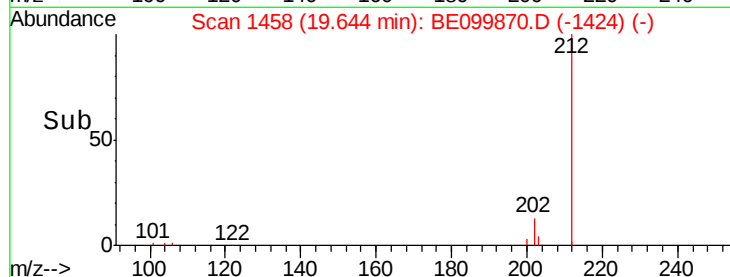
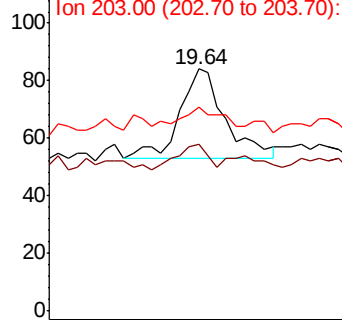
ClientSampleId :

BPS1-TT-MW305D-20190606

Tgt Ion:	202	Resp:	61
Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	23.0	14.1	21.1#



Abundance Ion 202.00 (201.70 to 202.70): E



#29

Terphenyl-d14

Concen: 0.480 ng

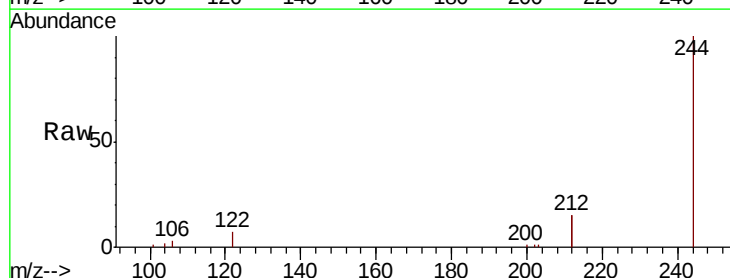
RT: 19.85 min Scan# 1493

Delta R.T. -0.01 min

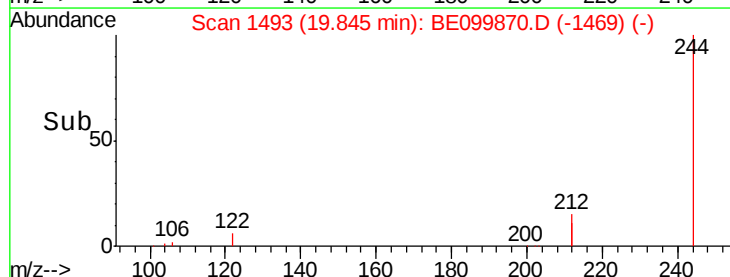
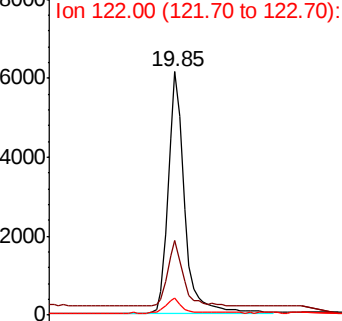
Lab File: BE099870.D

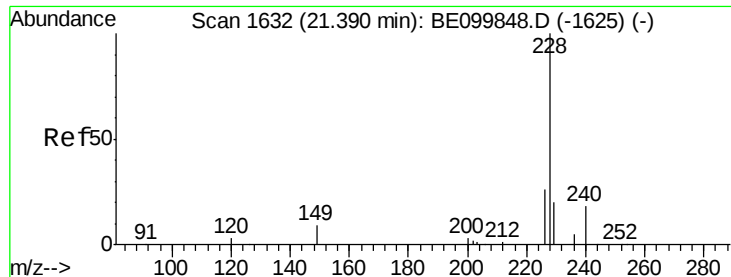
Acq: 8 Jun 2019 1:42

Tgt Ion:	244	Resp:	8481
Ion	Ratio	Lower	Upper
244	100		
212	30.5	23.7	35.5
122	6.8	4.8	7.2



Abundance Ion 244.00 (243.70 to 244.70): E





#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190606

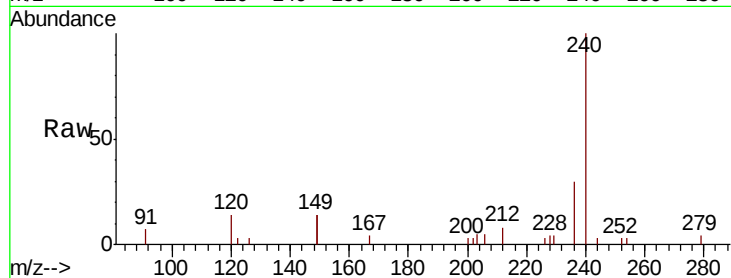
Tgt Ion:228 Resp: 92

Ion Ratio Lower Upper

228 100

226 75.7 21.6 32.4#

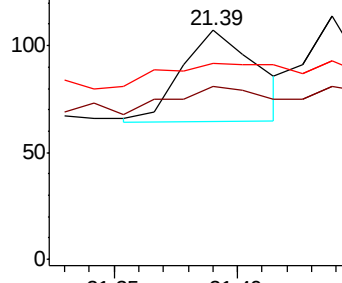
229 86.0 15.8 23.6#



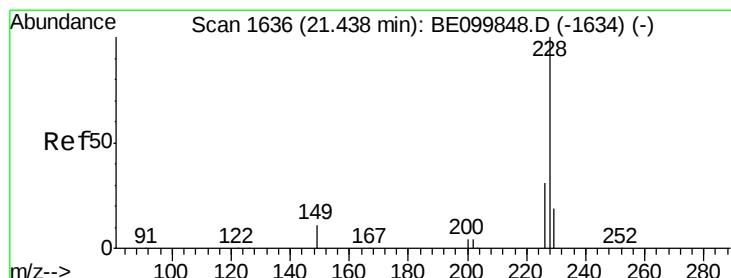
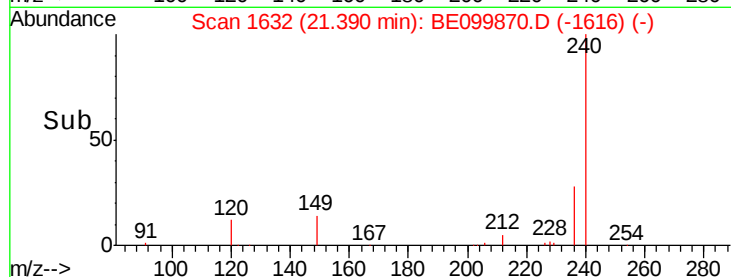
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#31

Chrysene

Concen: 0.004 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

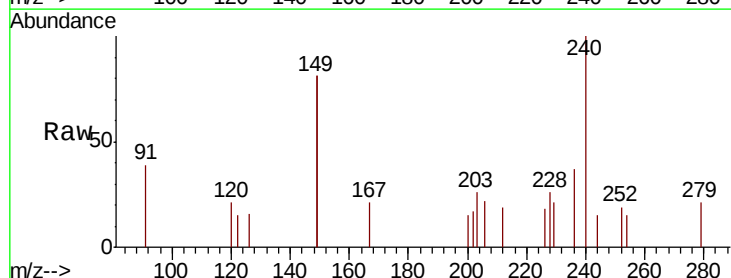
Tgt Ion:228 Resp: 108

Ion Ratio Lower Upper

228 100

226 71.1 22.9 34.3#

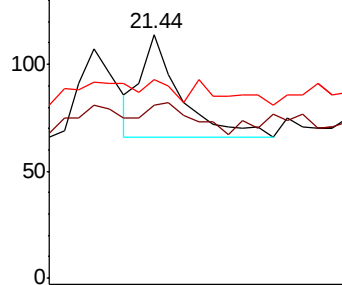
229 81.6 16.4 24.6#



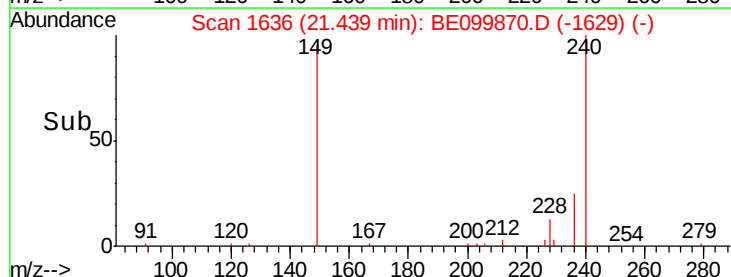
Abundance Ion 228.00 (227.70 to 228.70): E

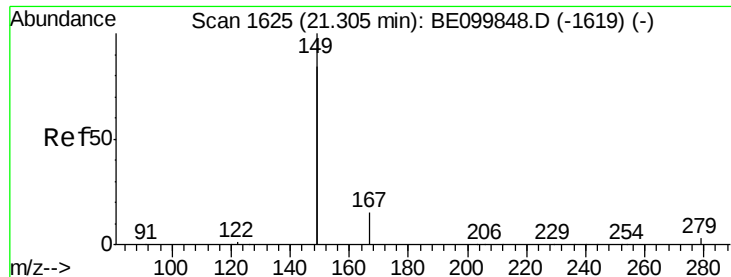
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.063 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190606

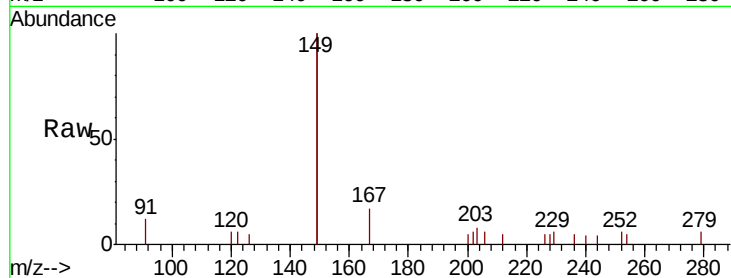
Tgt Ion:149 Resp: 3071

Ion Ratio Lower Upper

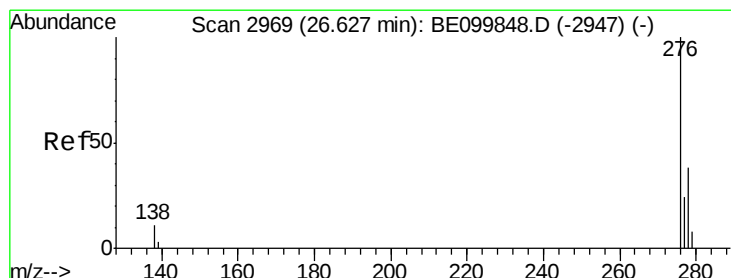
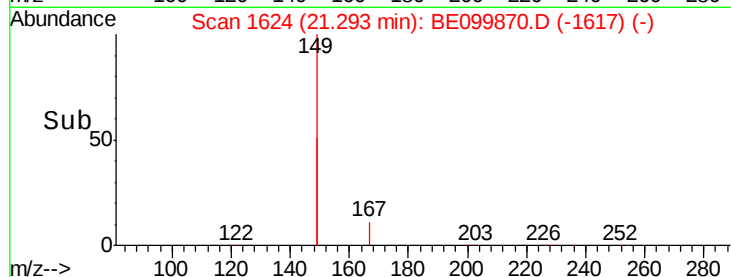
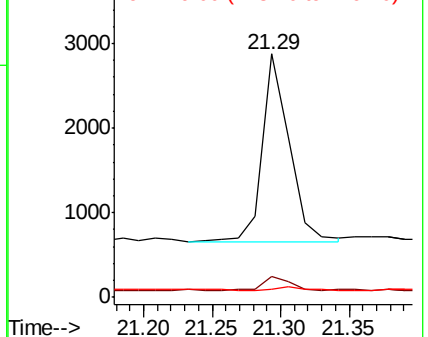
149 100

167 7.4 6.0 9.0

279 2.0 1.2 1.8#



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: 0.001 ng

RT: 26.62 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

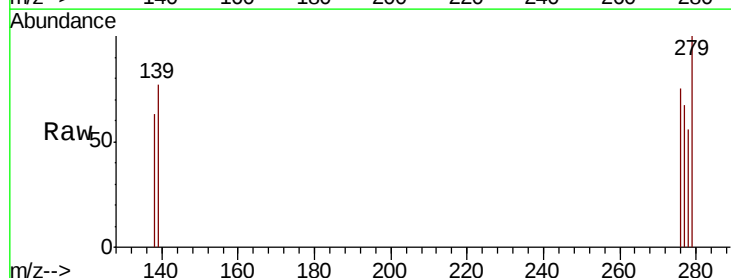
Tgt Ion:276 Resp: 21

Ion Ratio Lower Upper

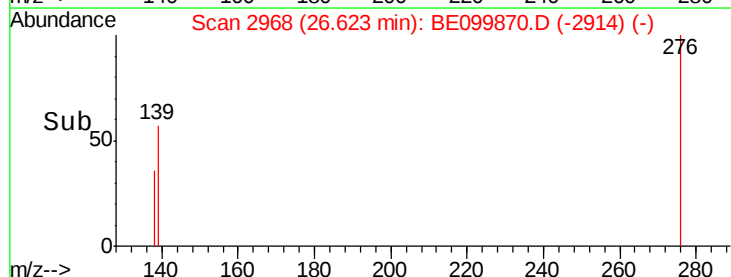
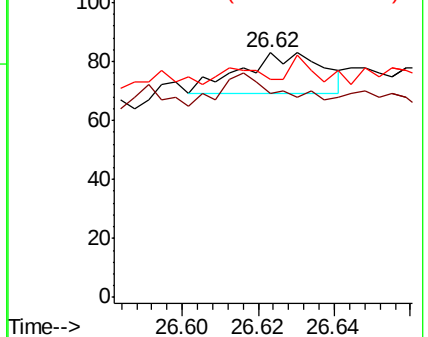
276 100

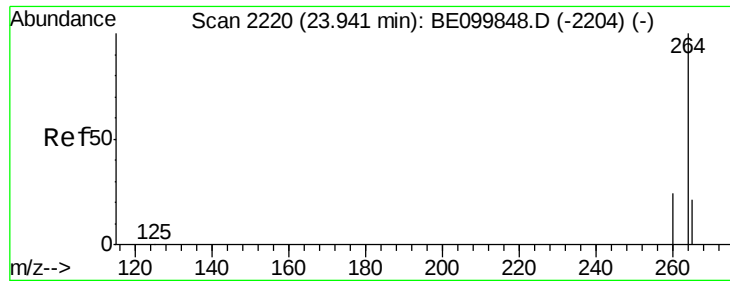
138 0.0 10.3 15.5#

277 23.8 19.4 29.2



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

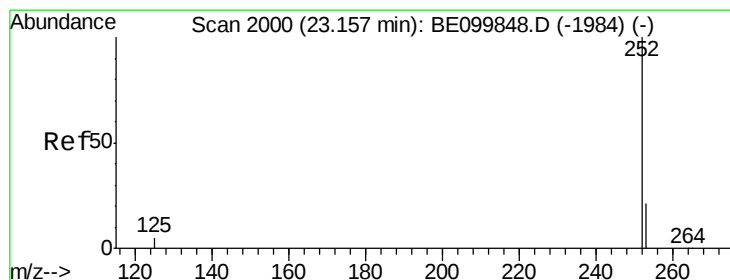
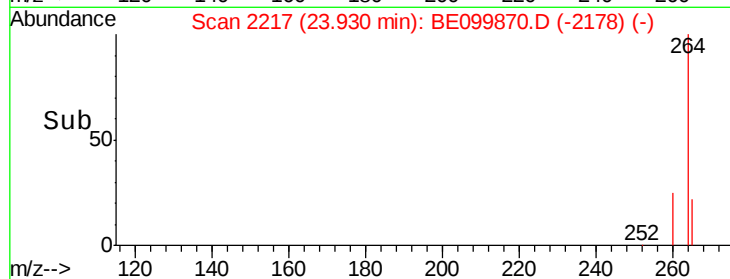
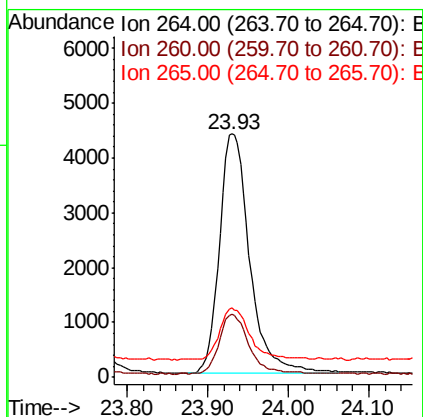
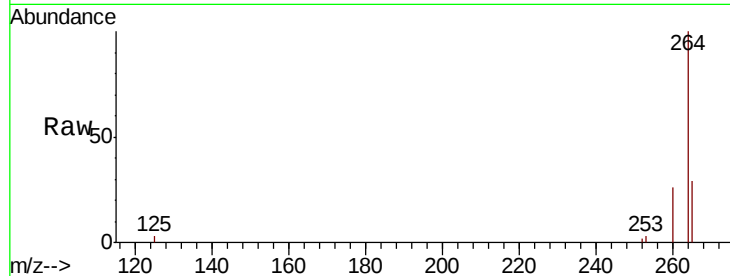




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BE099870.D
 Acq: 8 Jun 2019 1:42

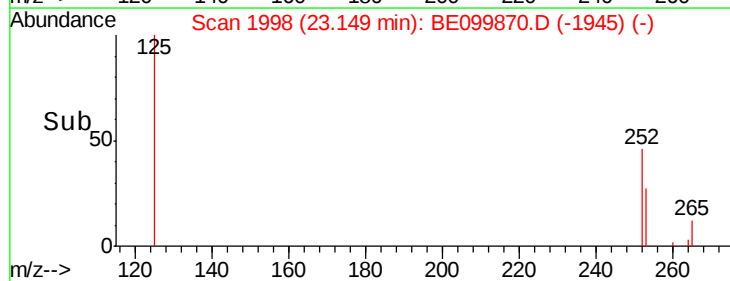
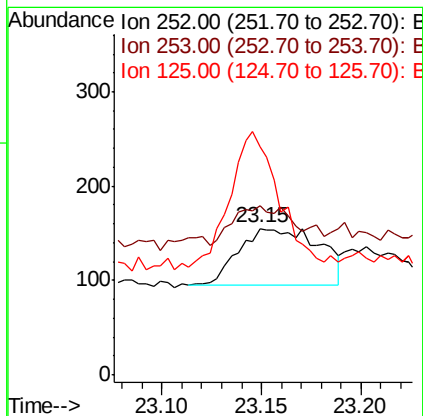
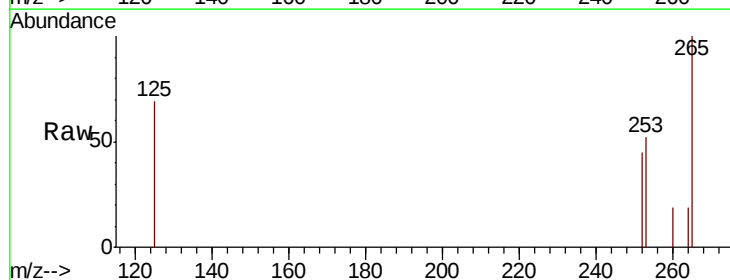
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305D-20190606

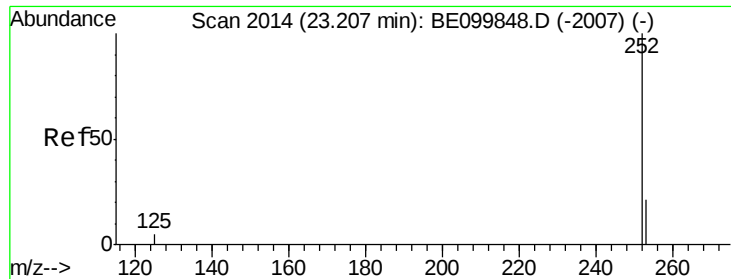
Tgt Ion: 264 Resp: 11406
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.0 30.0
 265 28.6 20.7 31.1



#35
Benzo(b)fluoranthene
 Concen: 0.005 ng
 RT: 23.15 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BE099870.D
 Acq: 8 Jun 2019 1:42

Tgt Ion: 252 Resp: 169
 Ion Ratio Lower Upper
 252 100
 253 115.5 18.9 28.3#
 125 155.5 7.6 11.4#





#36

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.06 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190606

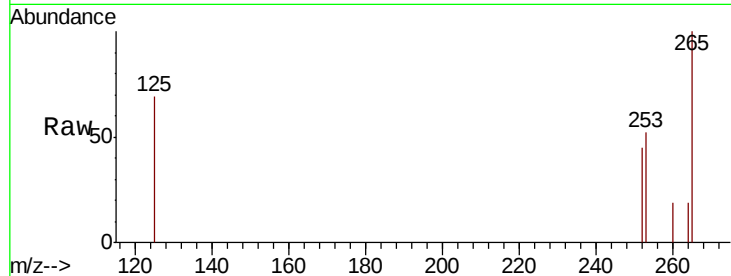
Tgt Ion: 252 Resp: 169

Ion Ratio Lower Upper

252 100

253 115.5 18.4 27.6#

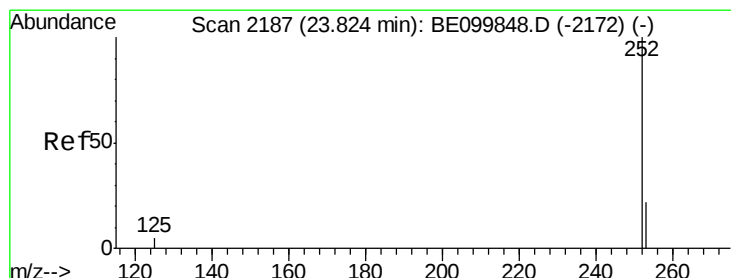
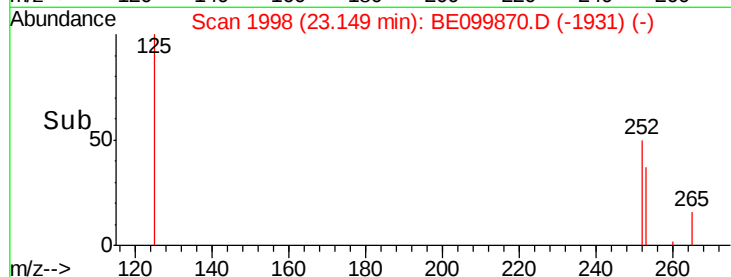
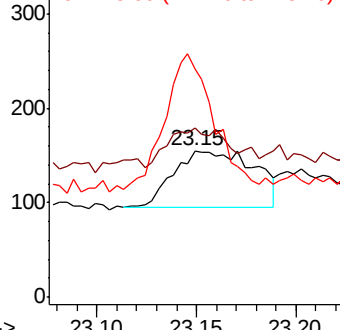
125 155.5 4.6 7.0#



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



#37

Benzo(a)pyrene

Concen: 0.002 ng

RT: 23.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

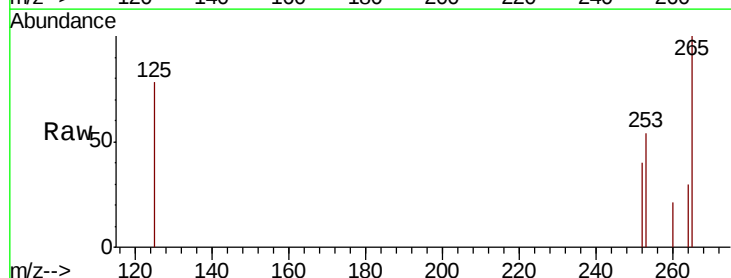
Tgt Ion: 252 Resp: 76

Ion Ratio Lower Upper

252 100

253 134.6 19.3 28.9#

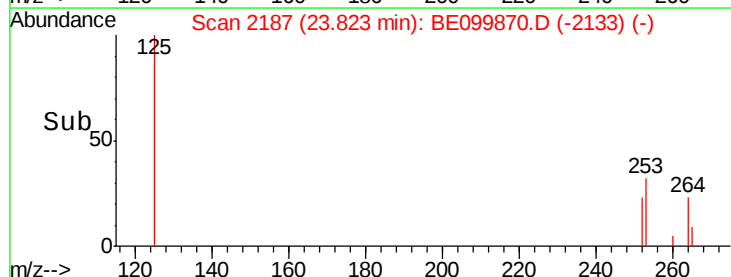
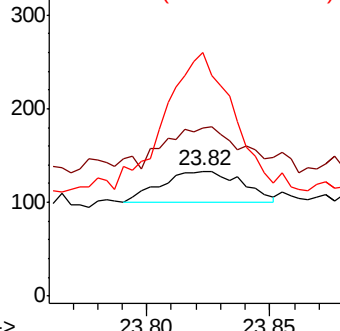
125 195.5 10.2 15.4#

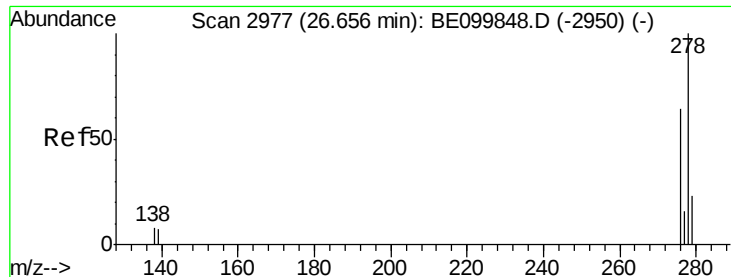


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.63 min Scan# 2970

Delta R.T. -0.03 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190606

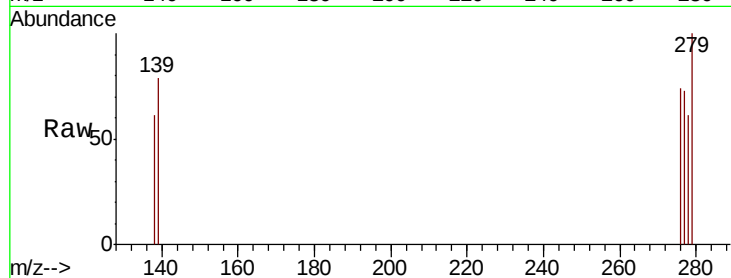
Tgt Ion: 278 Resp: 8

Ion Ratio Lower Upper

278 100

139 130.9 7.9 11.9#

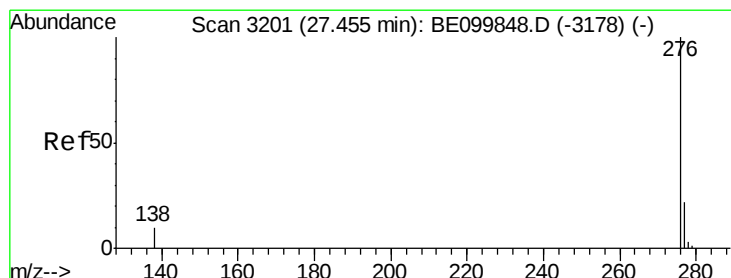
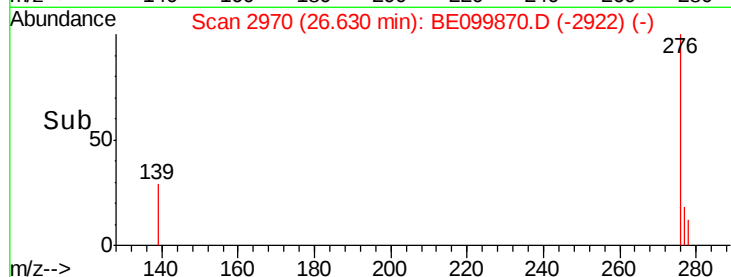
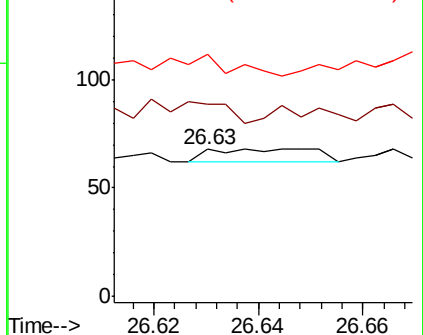
279 164.7 18.5 27.7#



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: 27.45 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BE099870.D

Acq: 8 Jun 2019 1:42

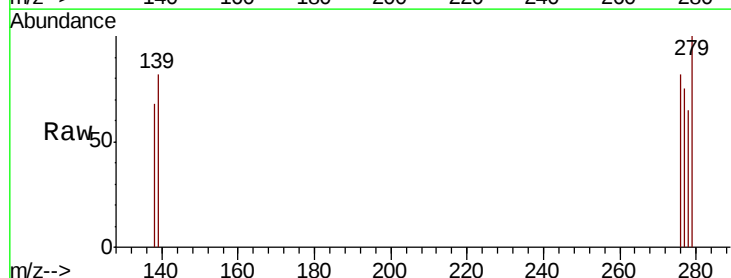
Tgt Ion: 276 Resp: 15

Ion Ratio Lower Upper

276 100

277 90.5 19.6 29.4#

138 82.1 9.0 13.4#



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

